

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067817.D
 Acq On : 30 Nov 2020 16:33
 Operator : VA/SY
 Sample : L4880-03MS
 Misc : 4.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

Quant Time: Dec 01 00:17:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	49792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	83306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	84346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	39212	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.34	65	53438	110.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	220.76%#	
35) Dibromofluoromethane		7.93	113	36369	68.60	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.20%	
50) Toluene-d8		10.34	98	103454	53.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.74%	
62) 4-Bromofluorobenzene		12.64	95	37177	56.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	19329	44.608	ug/l	96
3) Chloromethane	2.21	50	14797	61.340	ug/l	98
4) Vinyl Chloride	2.35	62	14090	46.612	ug/l #	82
5) Bromomethane	2.77	94	15443	59.964	ug/l	99
6) Chloroethane	2.93	64	11756	58.353	ug/l #	87
7) Trichlorofluoromethane	3.27	101	43185	46.817	ug/l	94
8) Diethyl Ether	3.71	74	19505	104.733	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	18131	41.047	ug/l	94
10) Methyl Iodide	4.30	142	21048	46.555	ug/l	98
11) Tert butyl alcohol	5.22	59	21074	944.598	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	20284	49.628	ug/l	98
13) Acrolein	3.92	56	6573	327.552	ug/l	88
14) Allyl chloride	4.71	41	24284	61.464	ug/l	95
15) Acrylonitrile	5.42	53	50315	775.693	ug/l	92
16) Acetone	4.16	43	48188	770.466	ug/l	97
17) Carbon Disulfide	4.41	76	54851	46.399	ug/l	100
18) Methyl Acetate	4.73	43	61306	487.219	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	102003	116.774	ug/l	97
20) Methylene Chloride	4.97	84	35281	78.688	ug/l	86
21) trans-1,2-Dichloroethene	5.47	96	26808	57.692	ug/l	98
22) Diisopropyl ether	6.37	45	62255	79.825	ug/l	92
23) Vinyl Acetate	6.30	43	59317	134.833	ug/l	98
24) 1,1-Dichloroethane	6.27	63	42226	63.862	ug/l	97
25) 2-Butanone	7.21	43	58638	835.496	ug/l	93
26) 2,2-Dichloropropane	7.20	77	42001	53.844	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	33935	68.514	ug/l	96
28) Bromochloromethane	7.56	49	19669	92.866	ug/l	97
29) Tetrahydrofuran	7.56	42	36259	908.664	ug/l	95
30) Chloroform	7.71	83	59478	68.789	ug/l	95
31) Cyclohexane	7.99	56	20653	35.257	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	49387	53.933	ug/l	97
36) 1,1-Dichloropropene	8.11	75	27979	39.139	ug/l	94
37) Ethyl Acetate	7.30	43	16648	86.609	ug/l #	91
38) Carbon Tetrachloride	8.10	117	41839	40.376	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	20346	24.050	ug/l	88
40) Benzene	8.36	78	107204	54.603	ug/l	94
41) Methacrylonitrile	7.56	41	38490	392.135	ug/l #	37
42) 1,2-Dichloroethane	8.43	62	59973	90.027	ug/l	99
43) Isopropyl Acetate	8.46	43	31171	81.202	ug/l	96
44) Trichloroethene	9.11	130	30513	46.892	ug/l	98
45) 1,2-Dichloropropane	9.38	63	24449	60.689	ug/l	95
46) Dibromomethane	9.48	93	27632	100.748	ug/l	99
47) Bromodichloromethane	9.66	83	55518	72.692	ug/l #	96
48) Methyl methacrylate	9.46	41	29404	153.217	ug/l	90
49) 1,4-Dioxane	9.46	88	9486	3191.442	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	131275	726.759	ug/l	98
52) Toluene	10.41	92	72758	54.627	ug/l	95
53) t-1,3-Dichloropropene	10.63	75	56002	83.929	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	51206	67.810	ug/l #	88
55) 1,1,2-Trichloroethane	10.81	97	35952	97.695	ug/l	98
56) Ethyl methacrylate	10.66	69	20605	54.081	ug/l	98
57) 1,3-Dichloropropane	10.95	76	54434	93.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	107914	606.183	ug/l	99
59) 2-Hexanone	10.99	43	84893	665.667	ug/l	97
60) Dibromochloromethane	11.15	129	48365	86.246	ug/l	97
61) 1,2-Dibromoethane	11.25	107	37178	102.532	ug/l	99
64) Tetrachloroethene	10.88	164	23949	36.583	ug/l	90
65) Chlorobenzene	11.67	112	82301	49.646	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	42011	62.649	ug/l	96
67) Ethyl Benzene	11.75	91	114476	40.000	ug/l	98
68) m/p-Xylenes	11.86	106	96211	86.389	ug/l	98
69) o-Xylene	12.18	106	48033	47.370	ug/l	98
70) Styrene	12.20	104	86930	50.331	ug/l	97
71) Bromoform	12.37	173	33538	92.131	ug/l #	96
73) Isopropylbenzene	12.48	105	105635	40.944	ug/l	99
74) N-amyl acetate	12.29	43	17220	50.613	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	39139	113.037	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	54507	199.449	ug/l #	100
77) Bromobenzene	12.76	156	37902	58.687	ug/l	87
78) n-propylbenzene	12.83	91	109548	38.165	ug/l	99
79) 2-Chlorotoluene	12.91	91	74173	43.646	ug/l	95
80) 1,3,5-Trimethylbenzene	12.96	105	94064	41.918	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	12910	110.489	ug/l	90
82) 4-Chlorotoluene	13.01	91	83107	45.895	ug/l	99
83) tert-Butylbenzene	13.23	119	69755	36.175	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	99107	44.212	ug/l	99
85) sec-Butylbenzene	13.41	105	77337	30.529	ug/l	98
86) p-Isopropyltoluene	13.52	119	77705	31.670	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	57000	45.603	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	58647	47.366	ug/l	97
89) n-Butylbenzene	13.85	91	51386	24.439	ug/l	97
90) Hexachloroethane	14.11	117	16213	34.711	ug/l	91
91) 1,2-Dichlorobenzene	13.89	146	56157	52.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	9228	123.618	ug/l	86

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QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

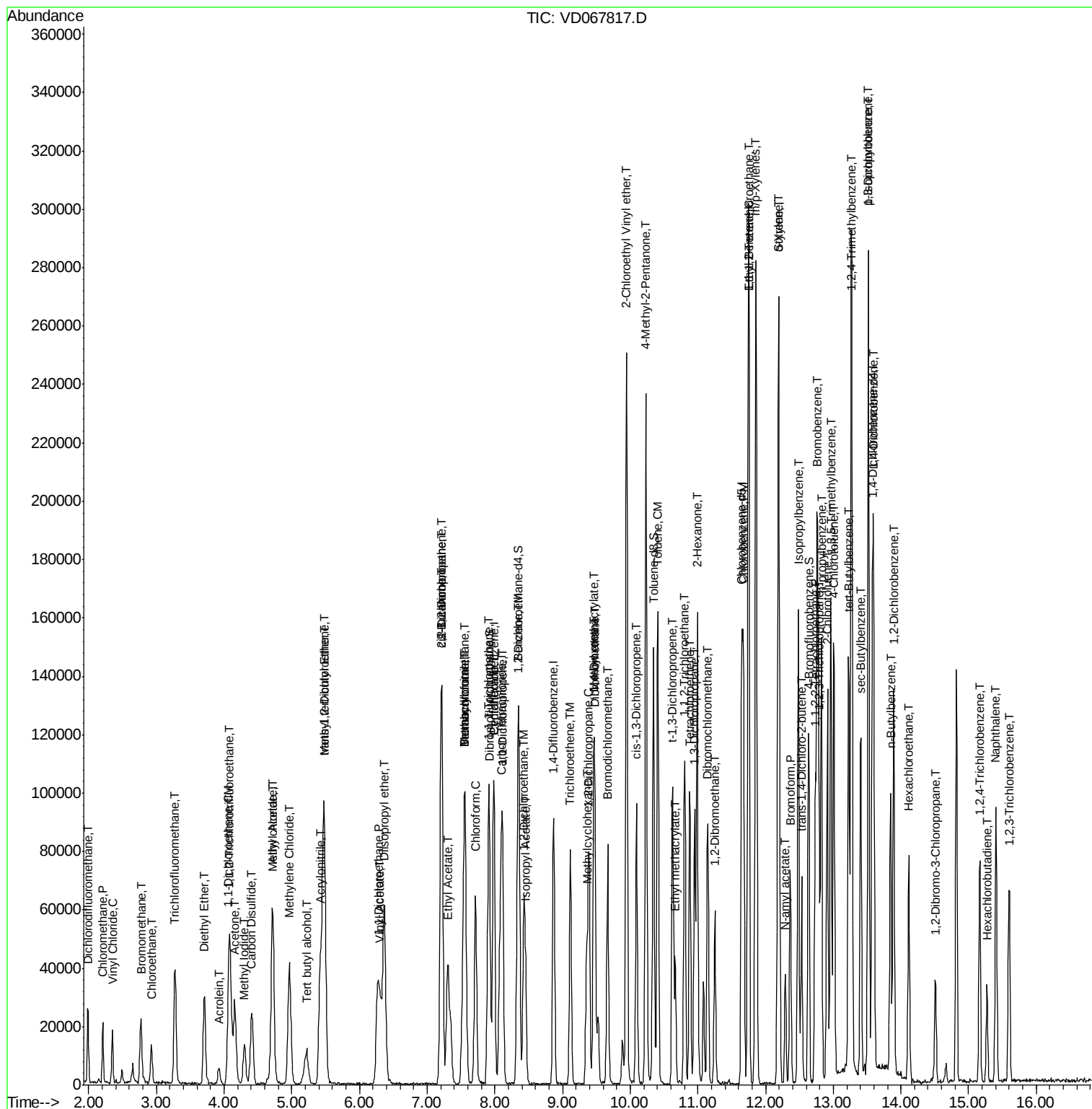
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	26997	35.411	ug/l	93
94) Hexachlorobutadiene	15.27	225	6043	12.406	ug/l	93
95) Naphthalene	15.40	128	87177	70.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	24392	37.561	ug/l	98

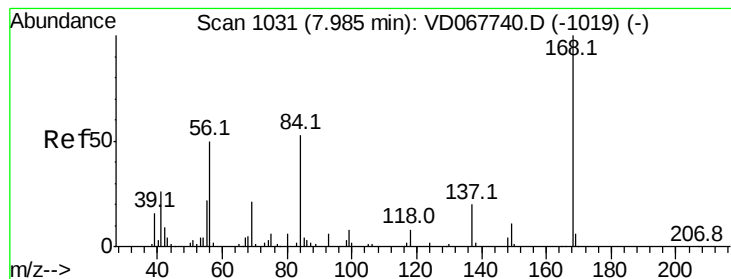
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

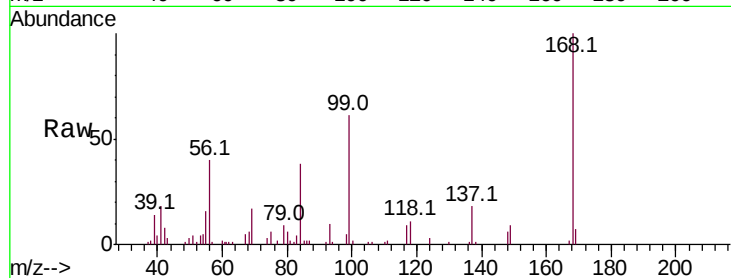
KENS-B4-112320-0-2MS

Tot Ion:168 Resp: 49792

Ion Ratio Lower Upper

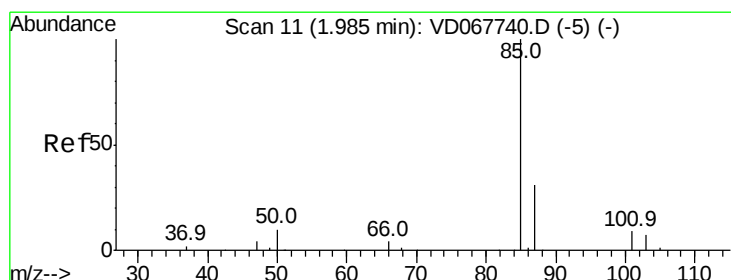
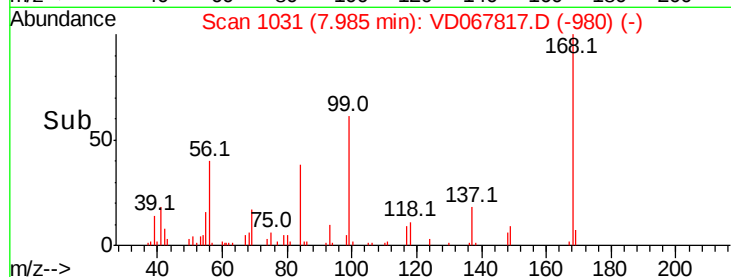
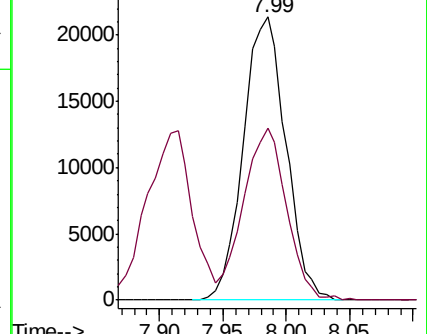
168 100

99 60.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.608 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067817.D

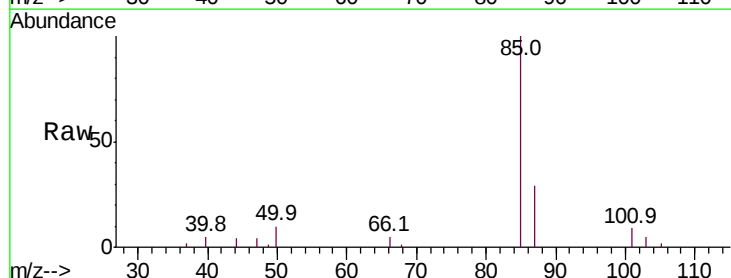
Acq: 30 Nov 2020 16:33

Tgt Ion: 85 Resp: 19329

Ion Ratio Lower Upper

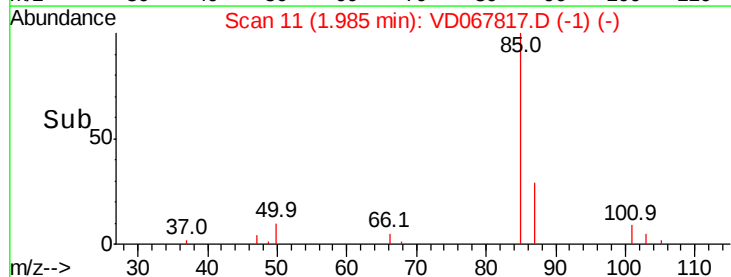
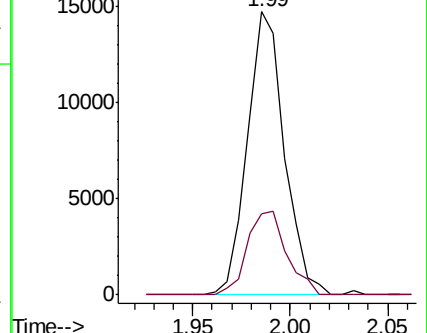
85 100

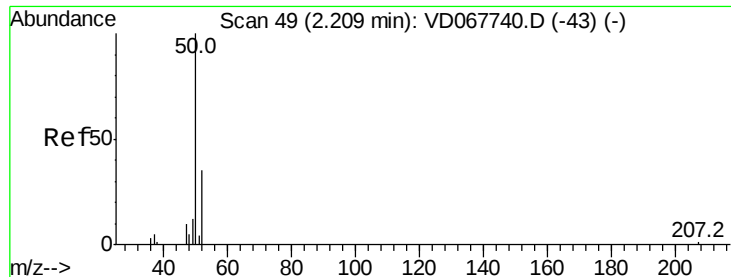
87 28.8 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 61.340 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

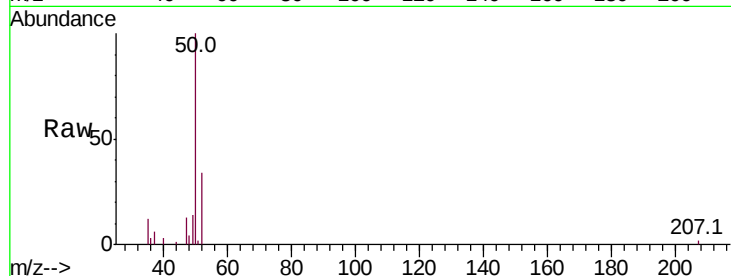
KENS-B4-112320-0-2MS

Tot Ion: 50 Resp: 14797

Ion Ratio Lower Upper

50 100

52 33.5 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

12000

10000

8000

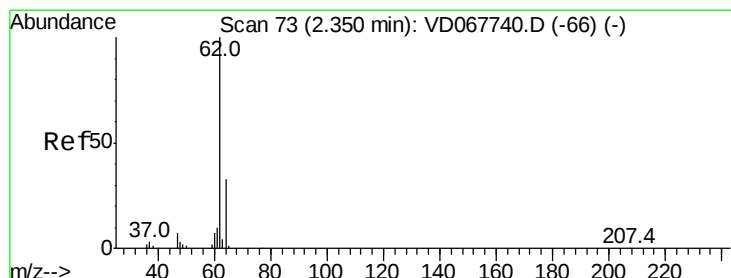
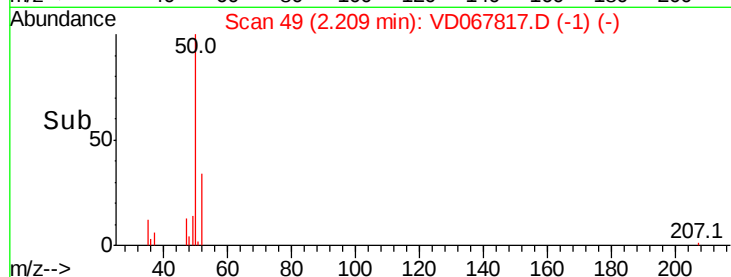
6000

4000

2000

0

Time--> 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 46.612 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067817.D

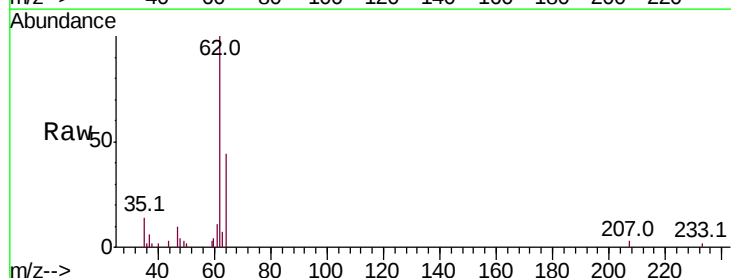
Acq: 30 Nov 2020 16:33

Tgt Ion: 62 Resp: 14090

Ion Ratio Lower Upper

62 100

64 43.6 26.6 40.0#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

10000

8000

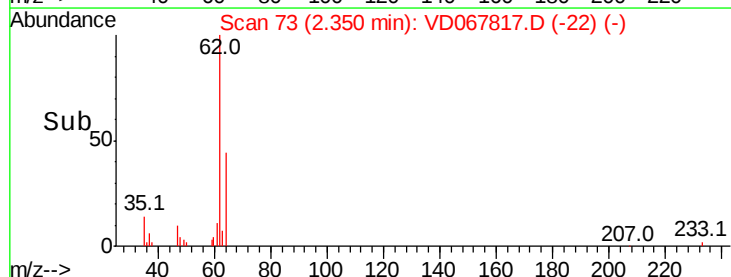
6000

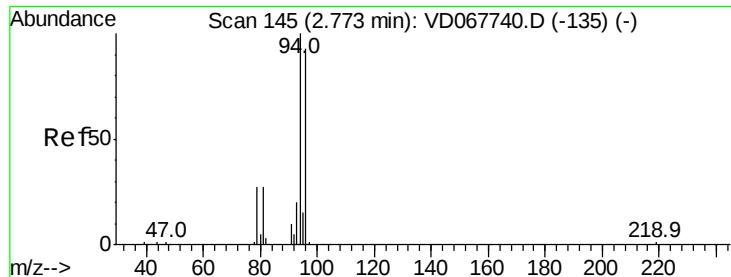
4000

2000

0

Time--> 2.30 2.35 2.40





#5

Bromomethane

Concen: 59.964 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

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ClientSampleId :

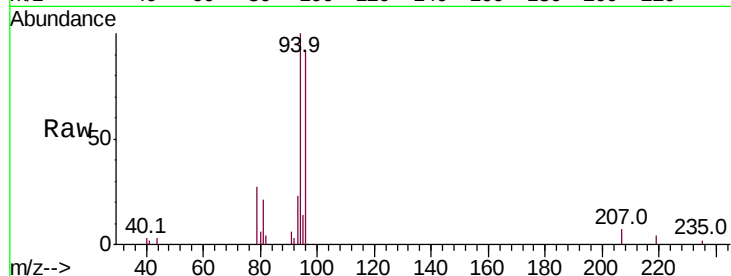
KENS-B4-112320-0-2MS

Tot Ion: 94 Resp: 15443

Ion Ratio Lower Upper

94 100

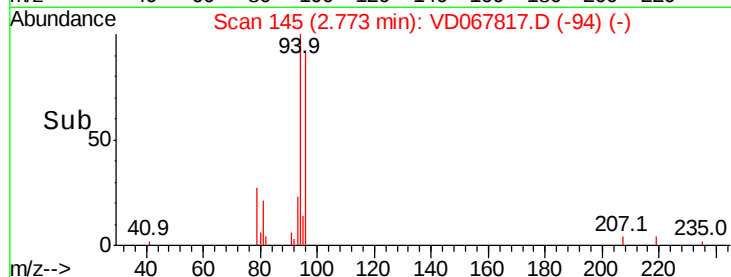
96 91.5 74.0 111.0



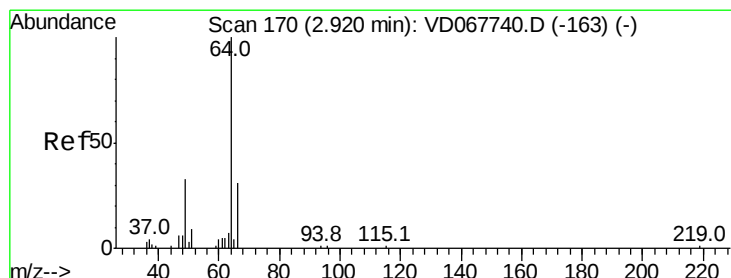
Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77



Time-->



#6

Chloroethane

Concen: 58.353 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067817.D

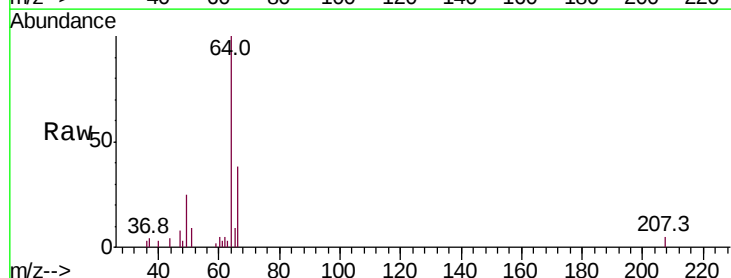
Acq: 30 Nov 2020 16:33

Tgt Ion: 64 Resp: 11756

Ion Ratio Lower Upper

64 100

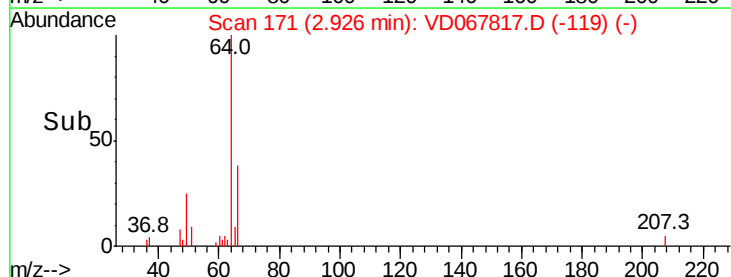
66 38.4 25.1 37.7#



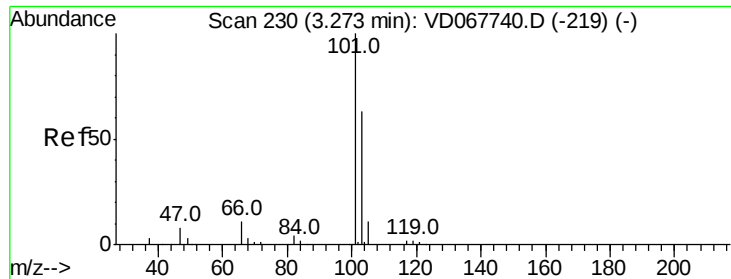
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93



Time-->

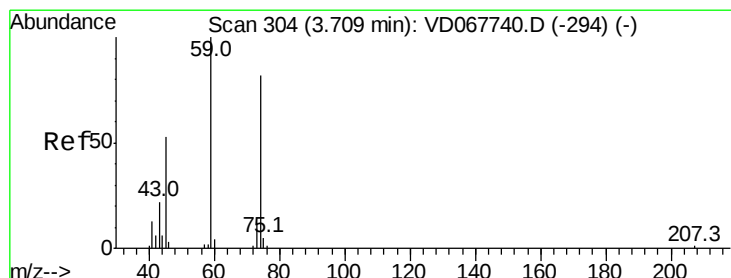
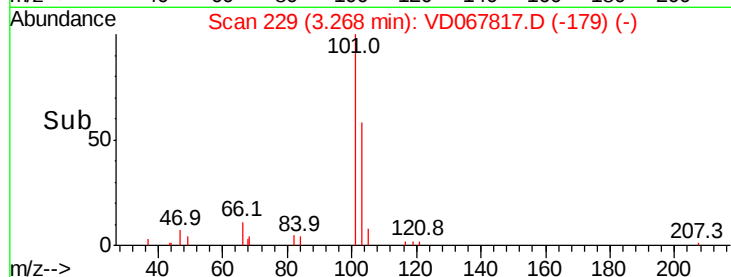
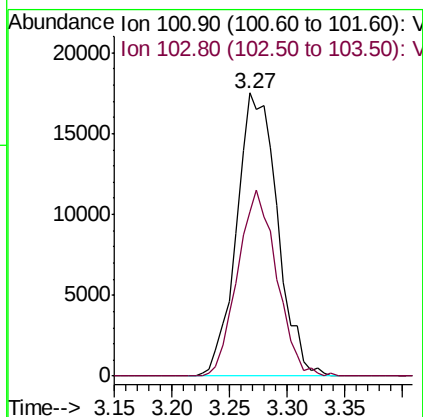
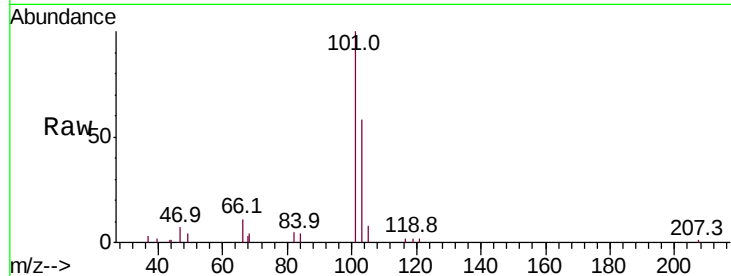


#7

Trichlorofluoromethane
Concen: 46.817 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
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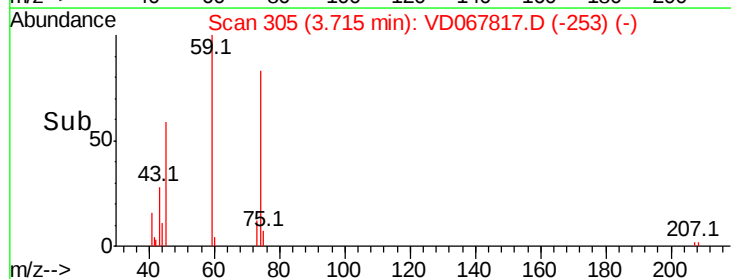
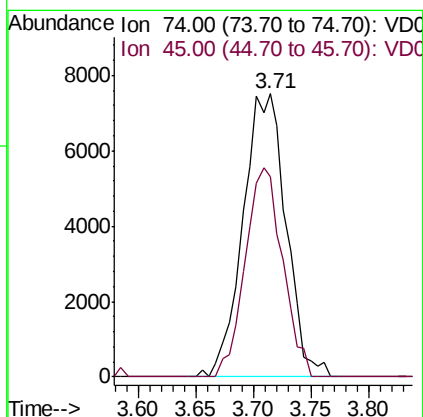
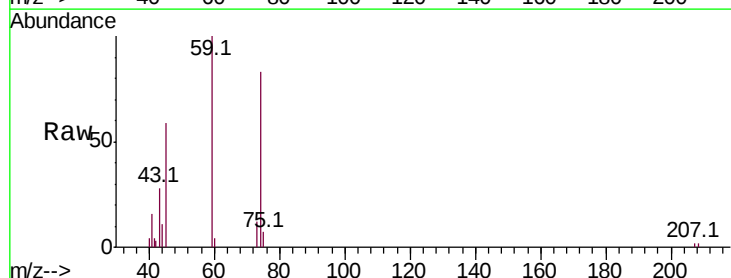
Tot Ion:101 Resp: 43185
Ion Ratio Lower Upper
101 100
103 58.2 50.3 75.5

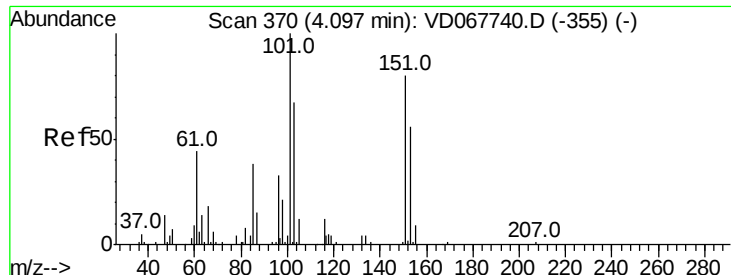


#8

Diethyl Ether
Concen: 104.733 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 74 Resp: 19505
Ion Ratio Lower Upper
74 100
45 64.2 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.047 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

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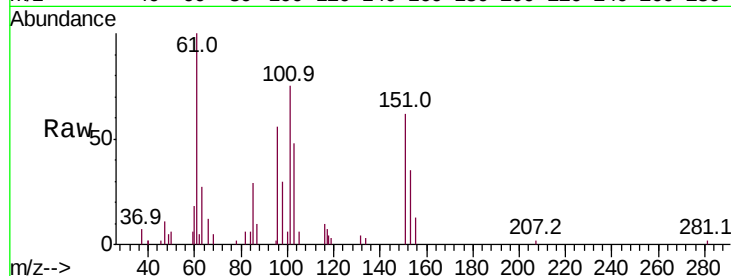
Tot Ion:101 Resp: 18131

Ion Ratio Lower Upper

101 100

85 47.0 35.5 53.3

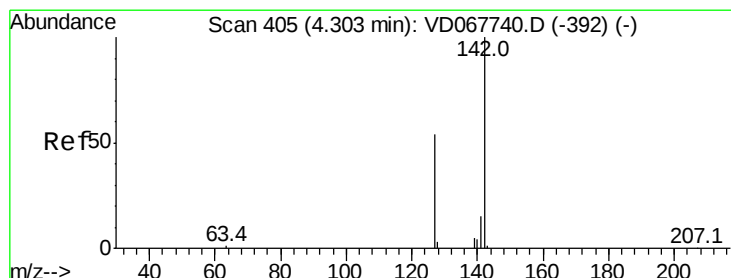
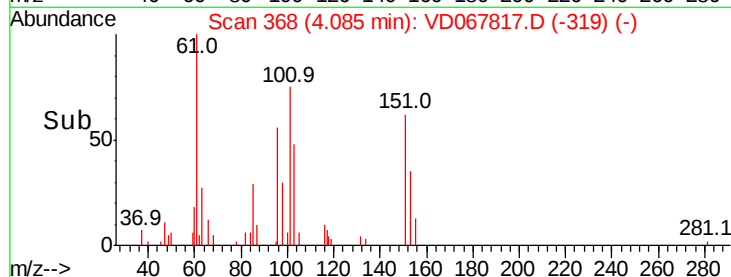
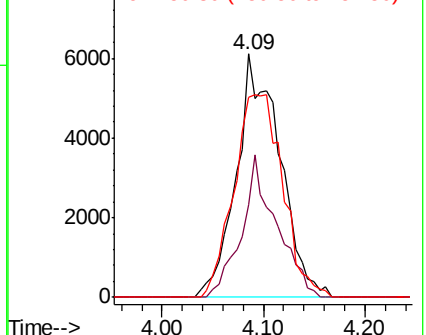
151 93.8 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.555 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

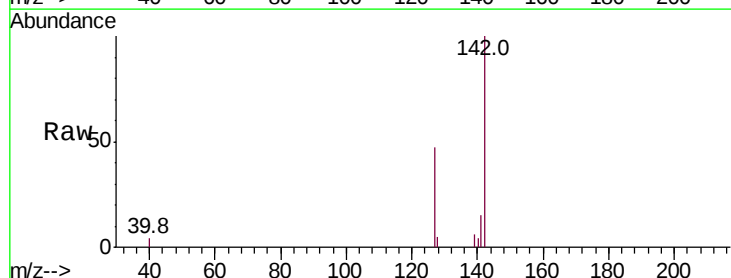
Tgt Ion:142 Resp: 21048

Ion Ratio Lower Upper

142 100

127 52.0 42.2 63.2

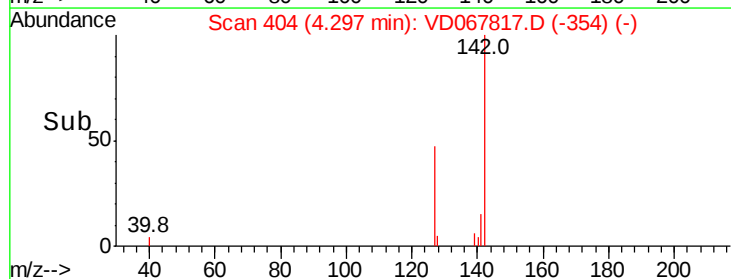
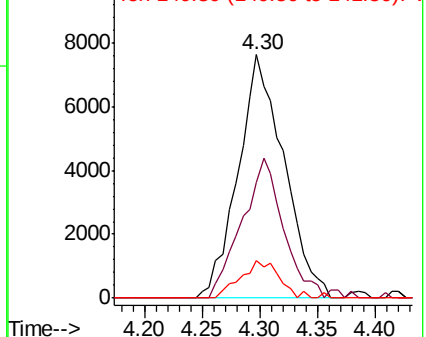
141 12.8 11.8 17.6

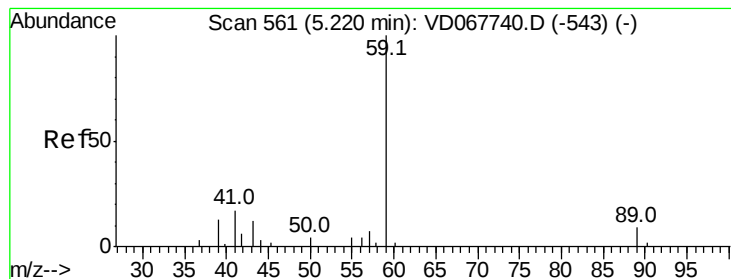


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



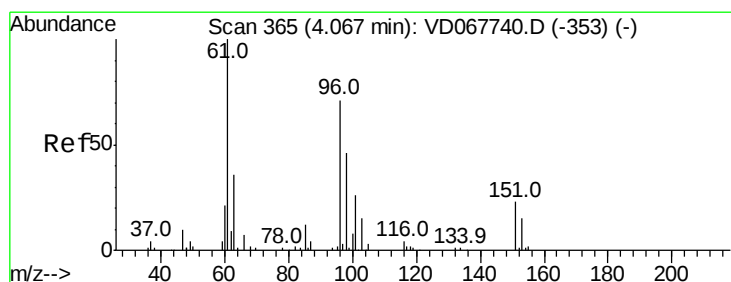
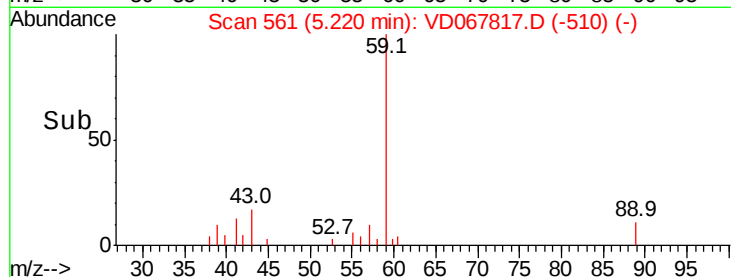
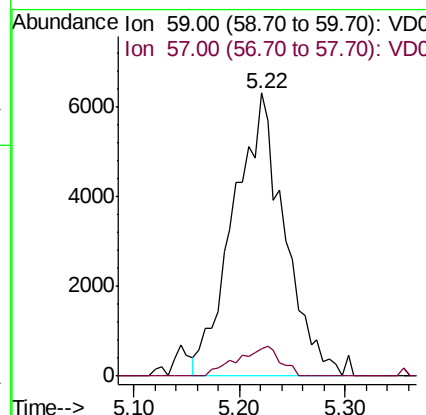
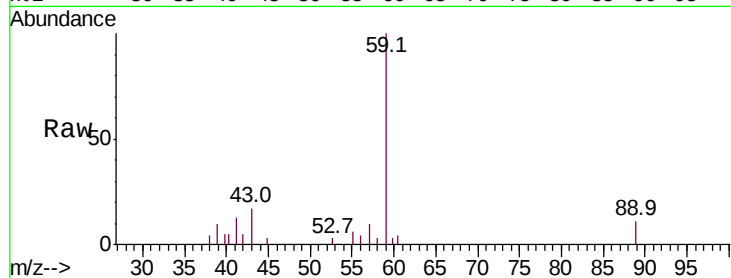


#11

Tert butyl alcohol
 Concen: 944.598 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

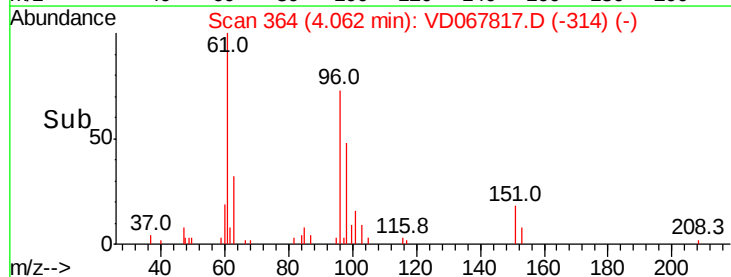
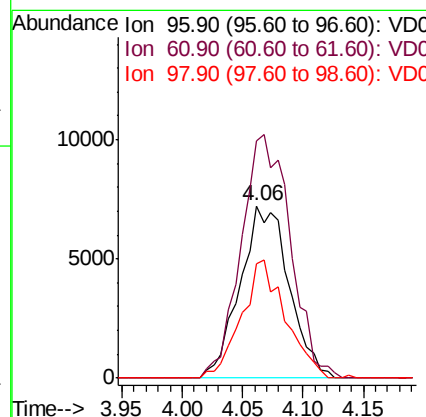
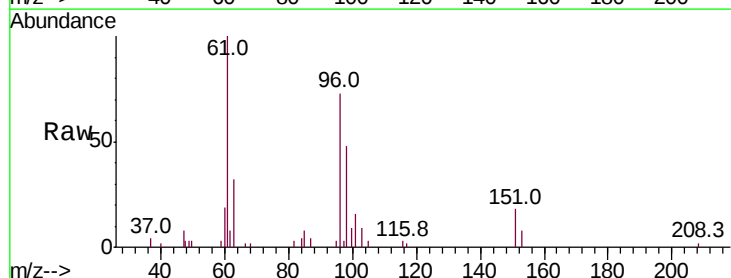
Tot Ion: 59 Resp: 21074
 Ion Ratio Lower Upper
 59 100
 57 8.9 3.4 5.0#

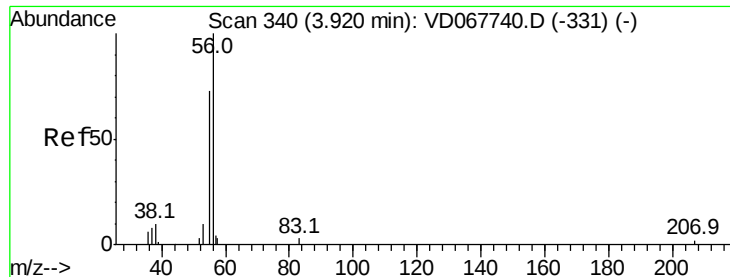


#12

1,1-Dichloroethene
 Concen: 49.628 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion: 96 Resp: 20284
 Ion Ratio Lower Upper
 96 100
 61 137.5 112.9 169.3
 98 66.4 52.4 78.6





#13

Acrolein

Concen: 327.552 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

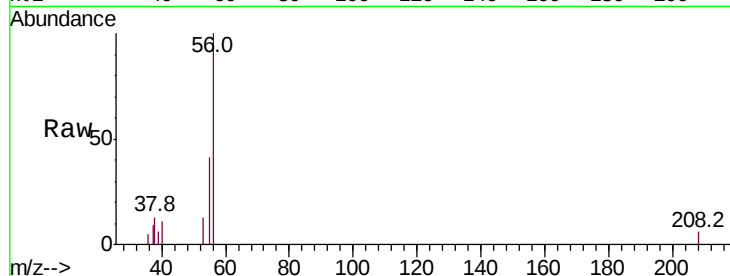
KENS-B4-112320-0-2MS

Tot Ion: 56 Resp: 6573

Ion Ratio Lower Upper

56 100

55 66.0 61.2 91.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

2500

2000

1500

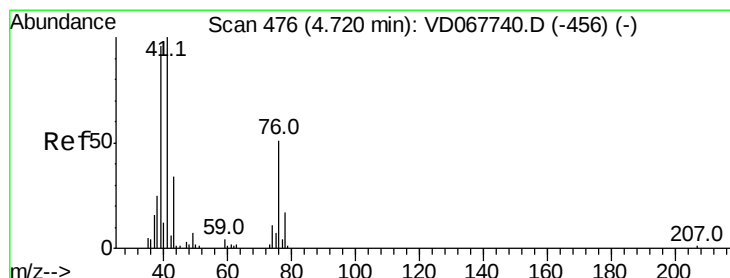
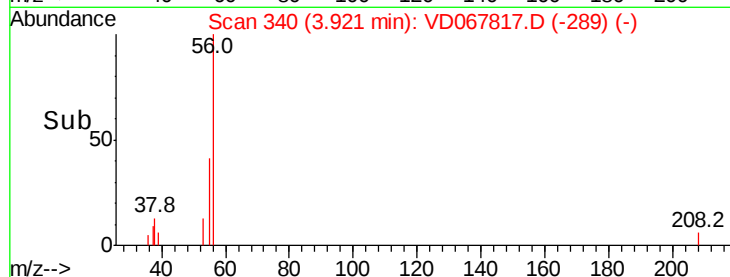
1000

500

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 61.464 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

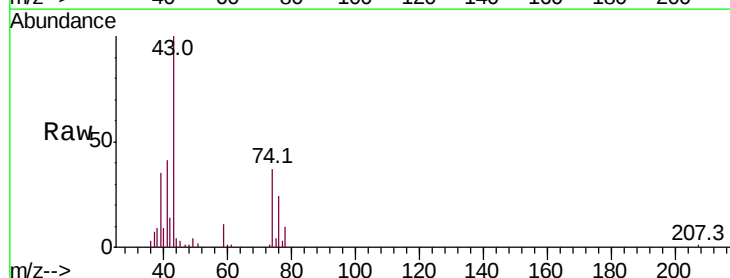
Tgt Ion: 41 Resp: 24284

Ion Ratio Lower Upper

41 100

39 88.2 74.6 111.8

76 57.1 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

10000

8000

6000

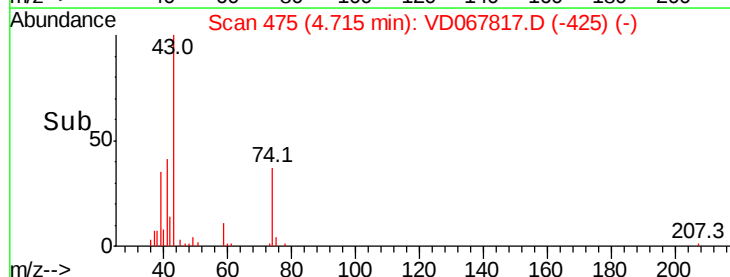
4000

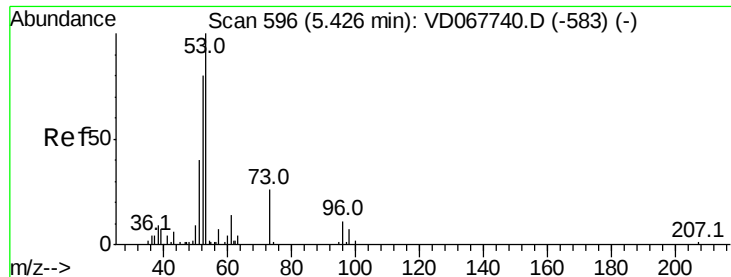
2000

0

4.60 4.65 4.70 4.75 4.80

Time-->





#15

Acrylonitrile

Concen: 775.693 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

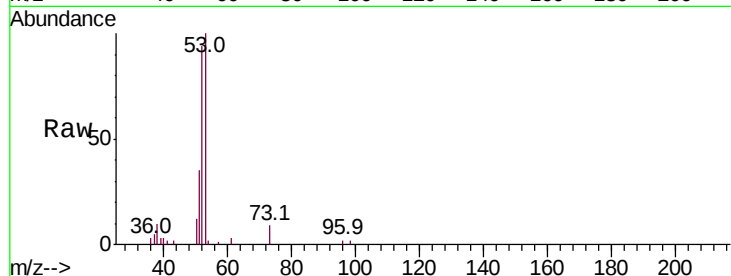
Tot Ion: 53 Resp: 50315

Ion Ratio Lower Upper

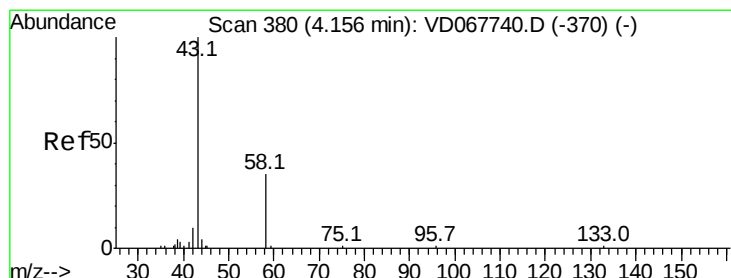
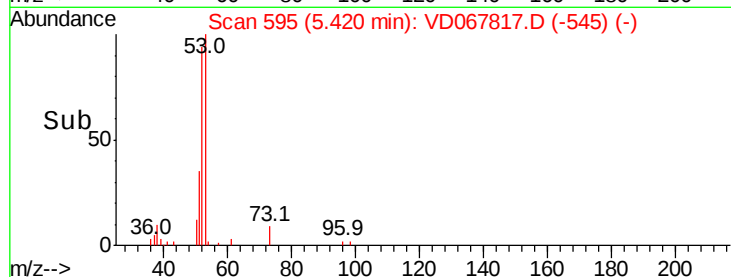
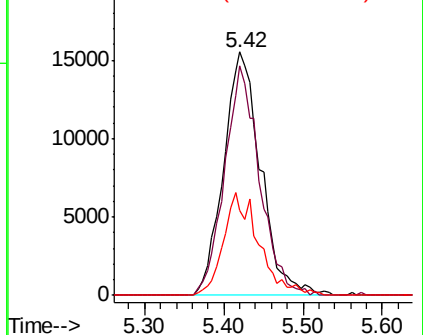
53 100

52 88.6 63.4 95.2

51 40.2 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 770.466 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067817.D

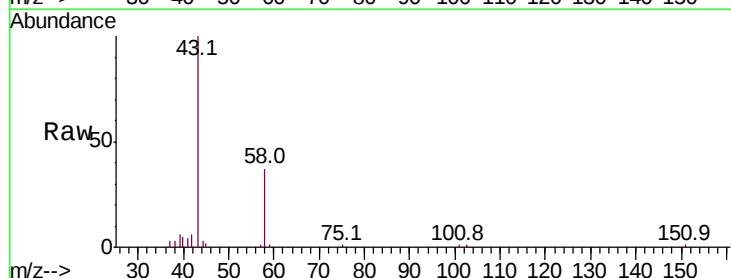
Acq: 30 Nov 2020 16:33

Tgt Ion: 43 Resp: 48188

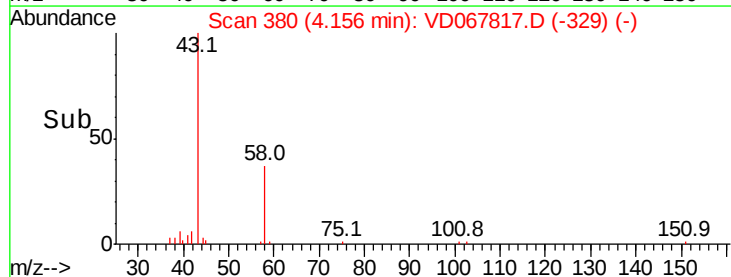
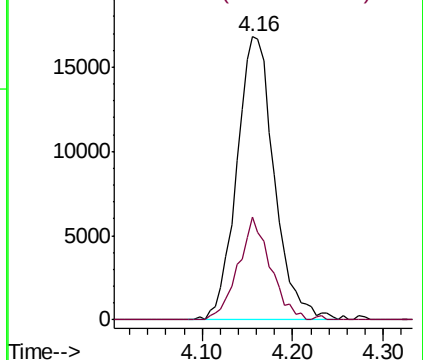
Ion Ratio Lower Upper

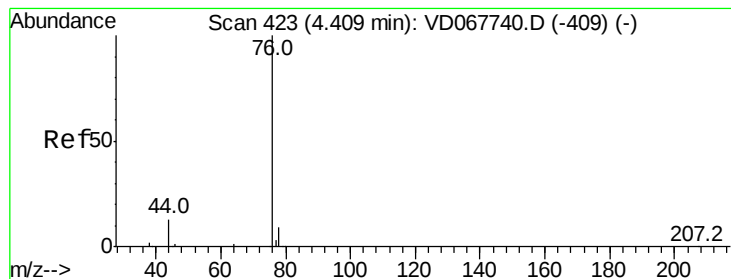
43 100

58 36.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 46.399 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

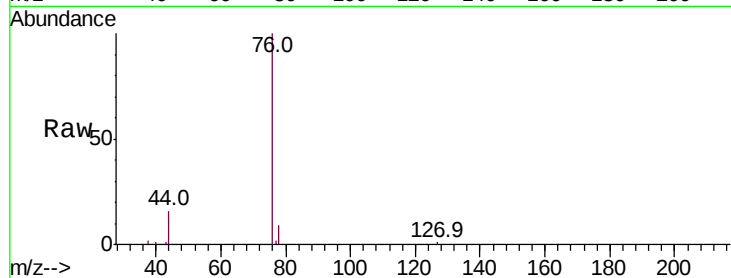
KENS-B4-112320-0-2MS

Tot Ion: 76 Resp: 54851

Ion Ratio Lower Upper

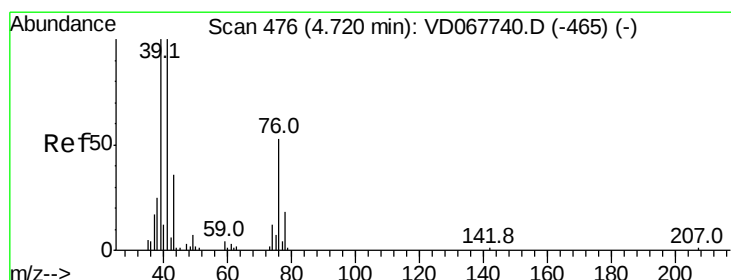
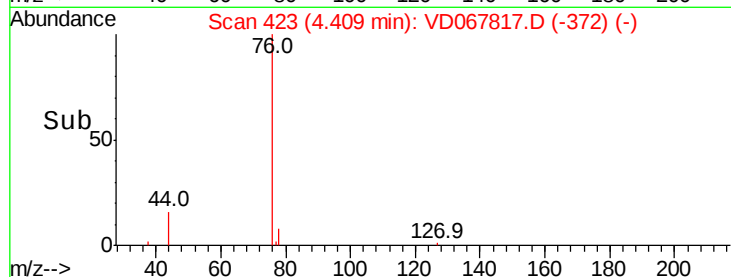
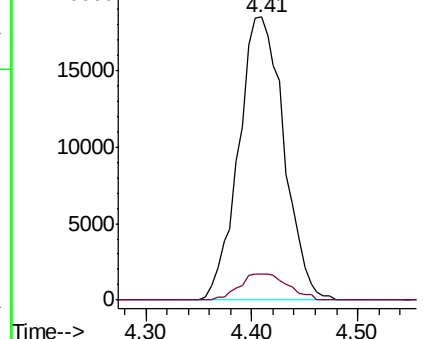
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 487.219 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD067817.D

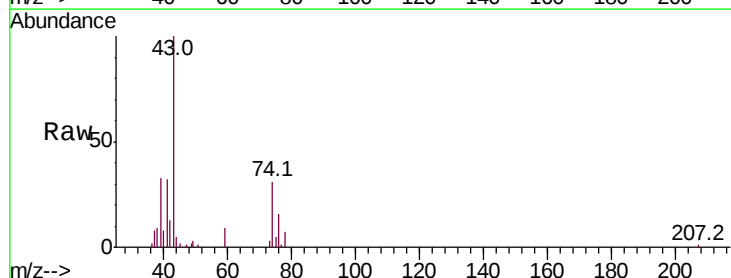
Acq: 30 Nov 2020 16:33

Tgt Ion: 43 Resp: 61306

Ion Ratio Lower Upper

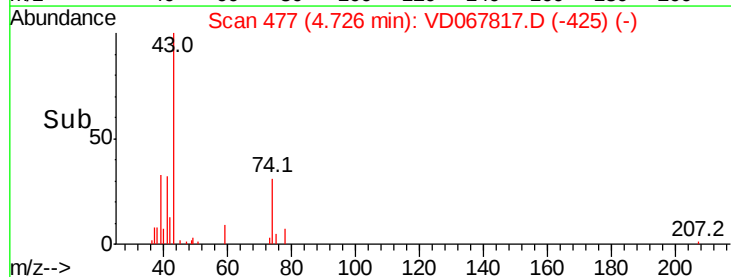
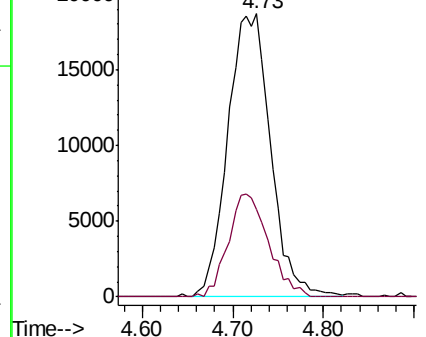
43 100

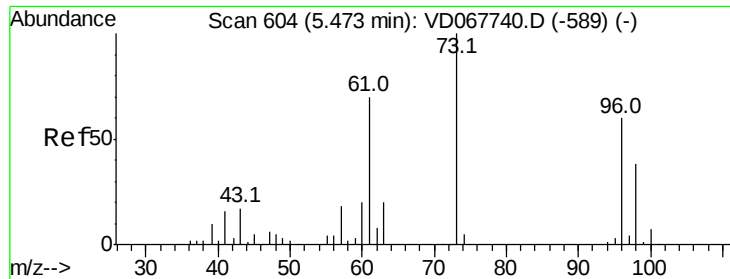
74 34.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 116.774 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

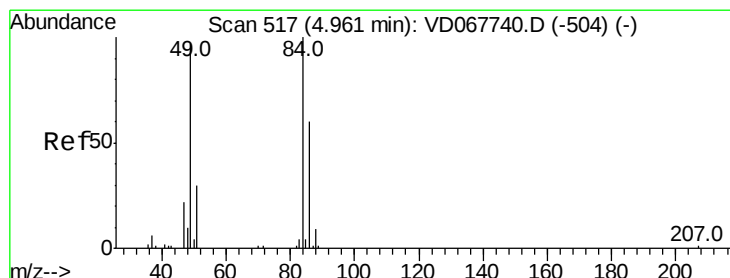
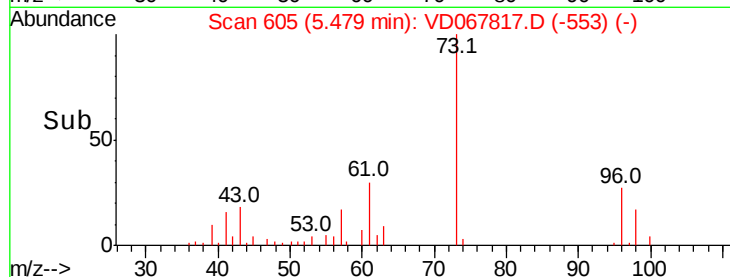
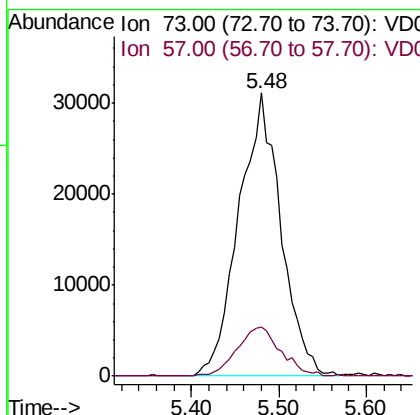
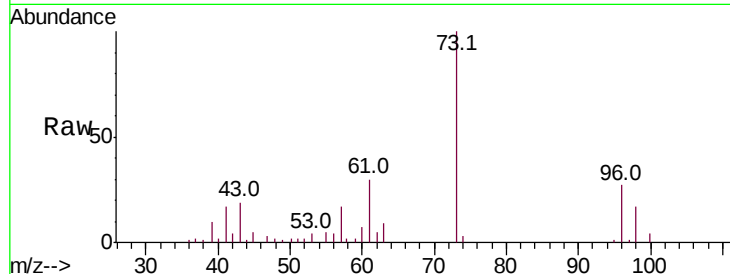
Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

Tot Ion: 73 Resp: 102003

Ion	Ratio	Lower	Upper
73	100		
57	17.2	14.8	22.2



#20

Methylene Chloride

Concen: 78.688 ug/l

RT: 4.97 min Scan# 518

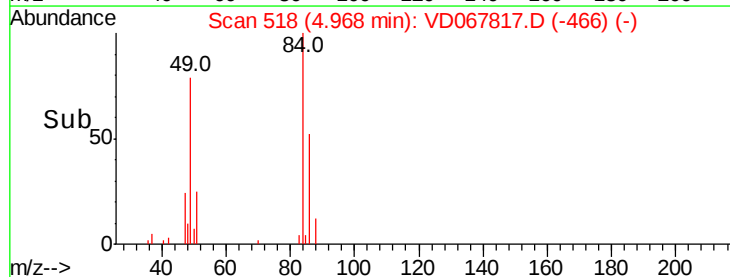
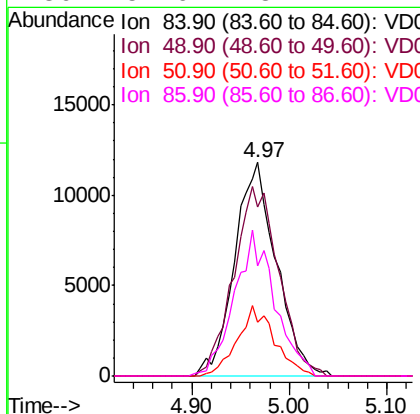
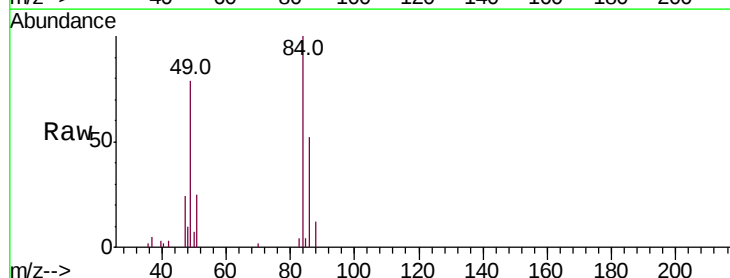
Delta R.T. 0.01 min

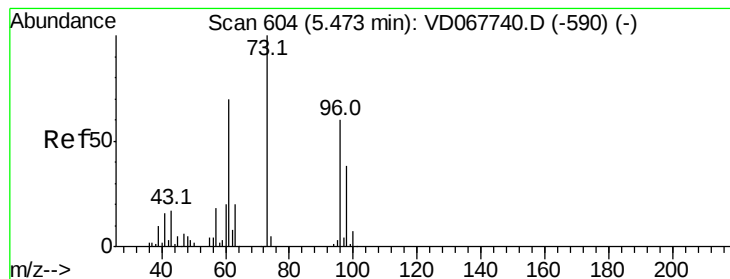
Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion: 84 Resp: 35281

Ion	Ratio	Lower	Upper
84	100		
49	79.2	77.4	116.2
51	25.2	24.1	36.1
86	51.6	48.2	72.2





#21

trans-1,2-Dichloroethene

Concen: 57.692 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

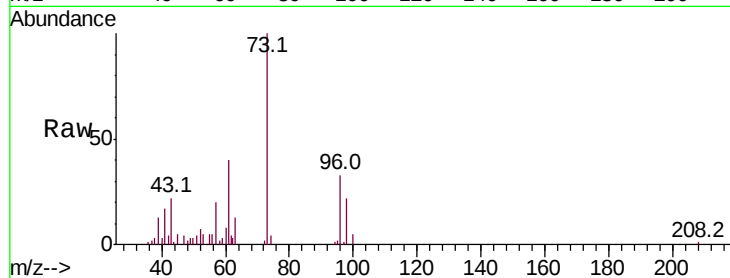
Tot Ion: 96 Resp: 26808

Ion Ratio Lower Upper

96 100

61 119.5 94.0 141.0

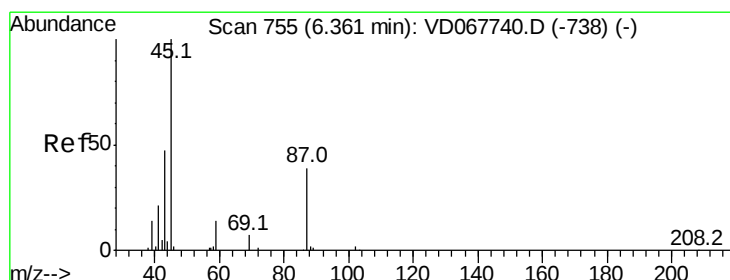
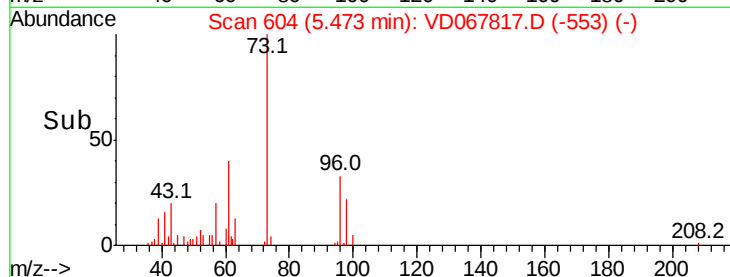
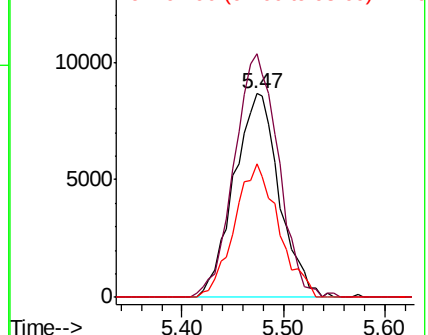
98 65.6 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 79.825 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion: 45 Resp: 62255

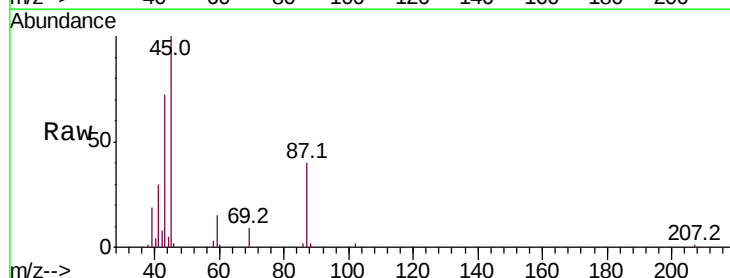
Ion Ratio Lower Upper

45 100

43 69.1 46.8 70.2

87 40.2 32.9 49.3

59 14.9 11.2 16.8

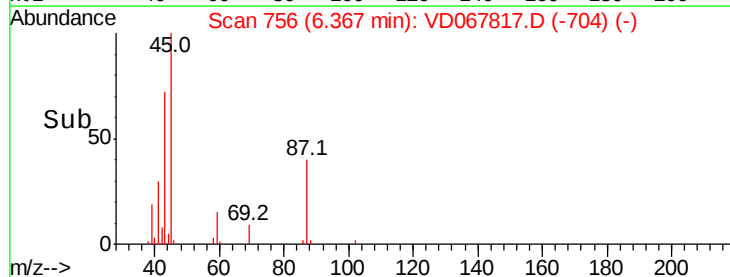
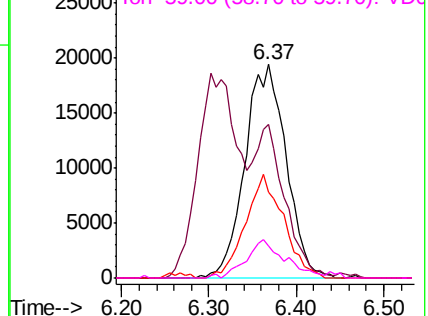


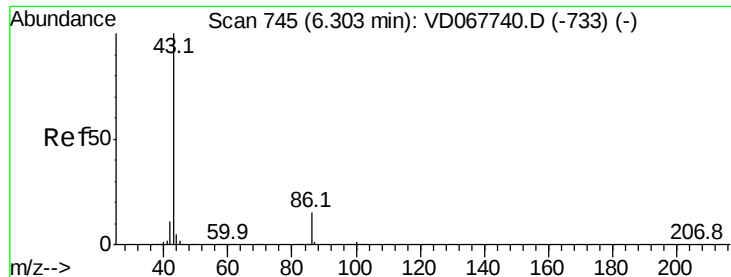
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 134.833 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

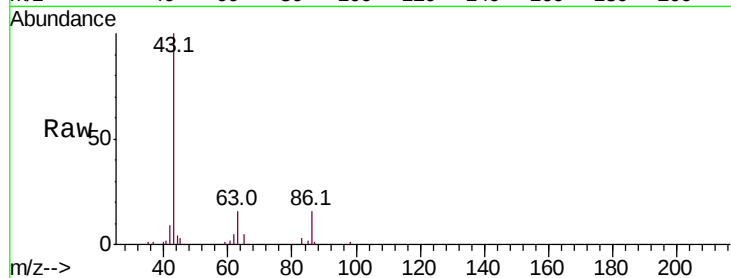
KENS-B4-112320-0-2MS

Tot Ion: 43 Resp: 59317

Ion Ratio Lower Upper

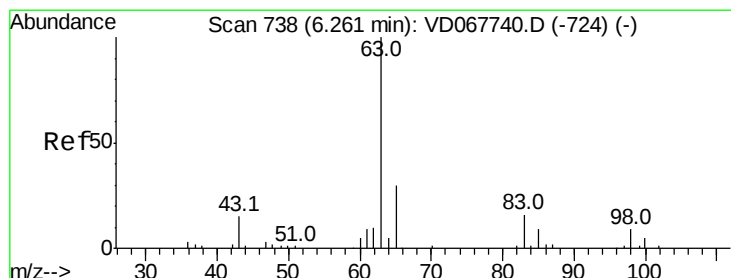
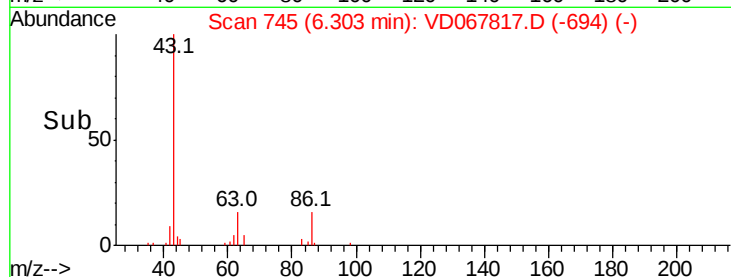
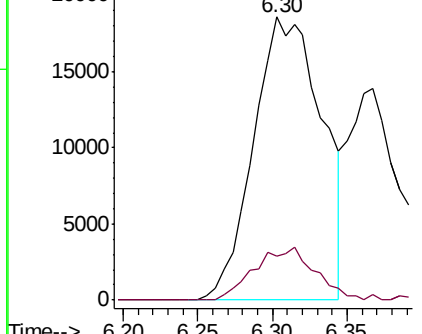
43 100

86 15.6 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 63.862 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

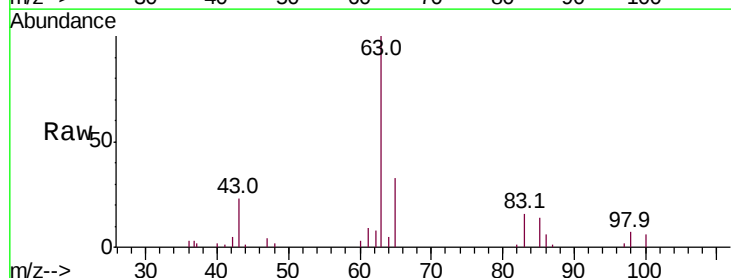
Tgt Ion: 63 Resp: 42226

Ion Ratio Lower Upper

63 100

98 7.1 4.4 13.2

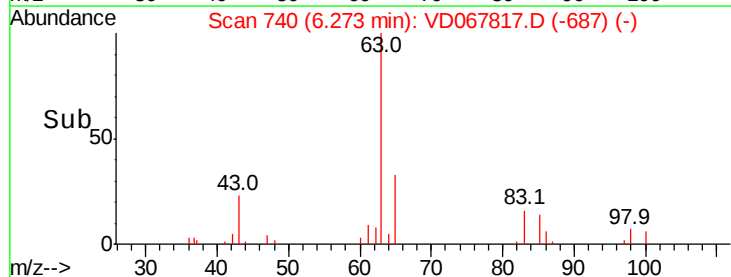
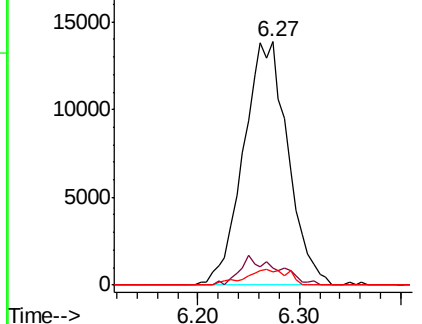
100 5.5 2.6 8.0

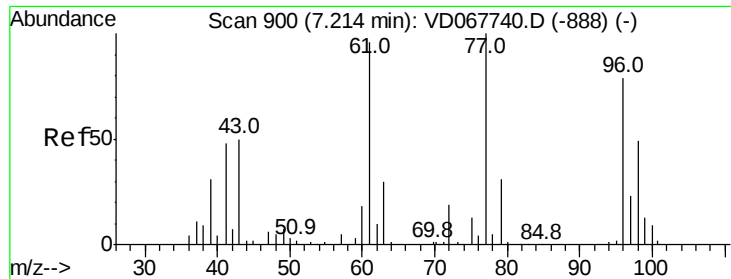


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

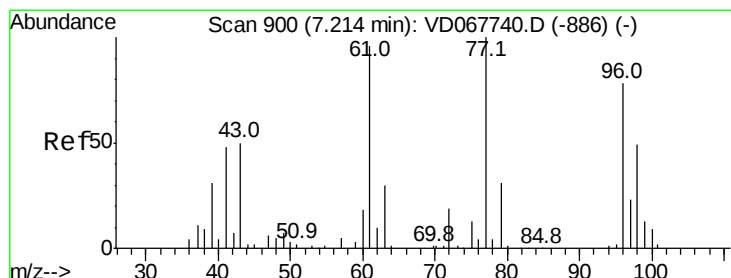
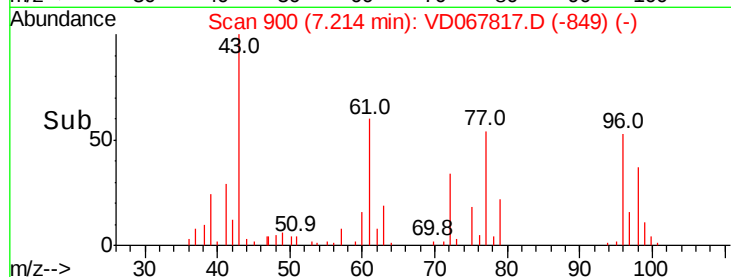
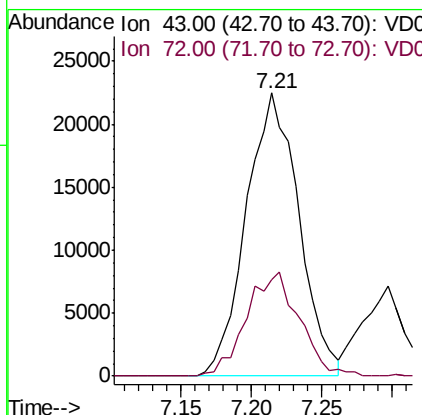
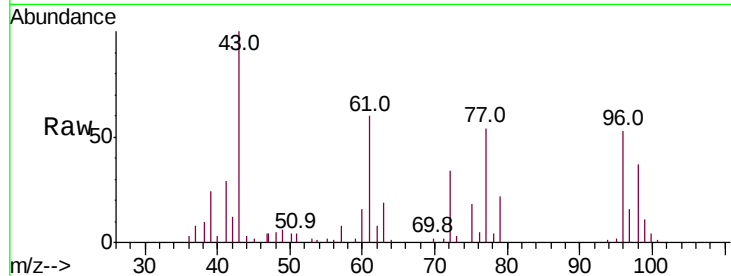




#25
2-Butanone
Concen: 835.496 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

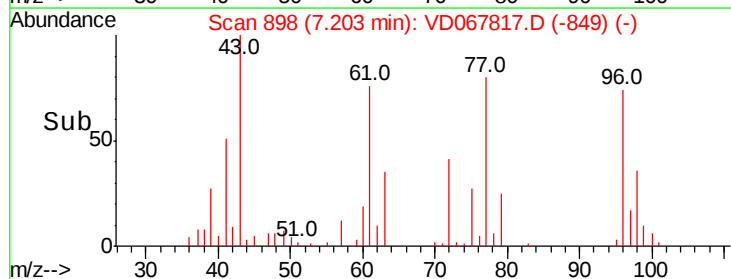
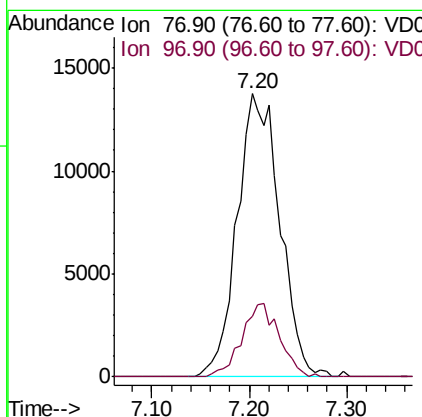
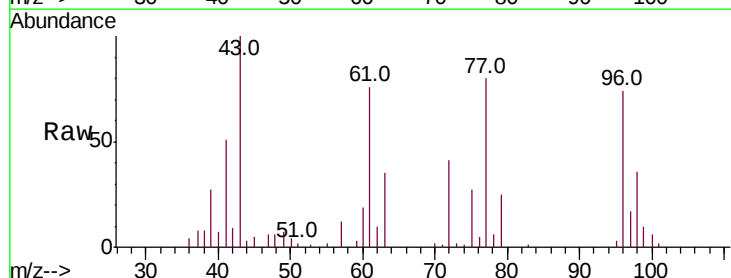
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

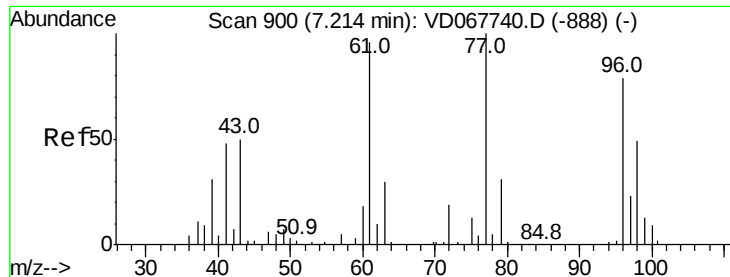
Tot Ion: 43 Resp: 58638
Ion Ratio Lower Upper
43 100
72 34.0 30.8 46.2



#26
2,2-Dichloropropane
Concen: 53.844 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 77 Resp: 42001
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.3



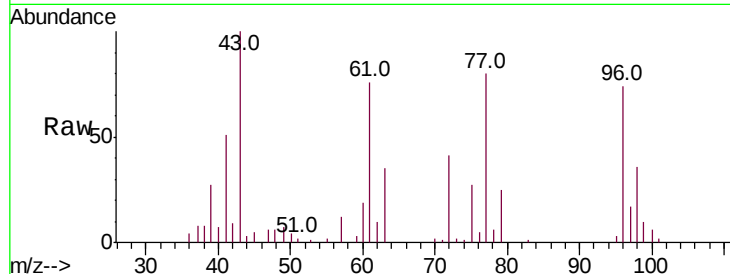


#27

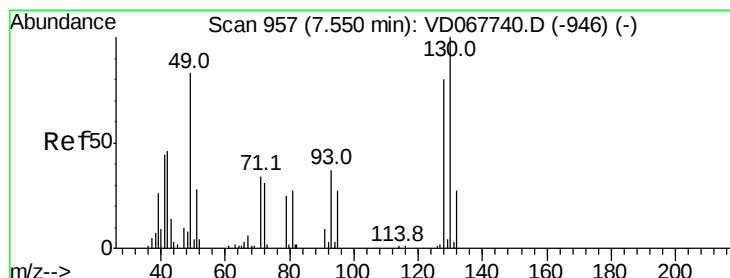
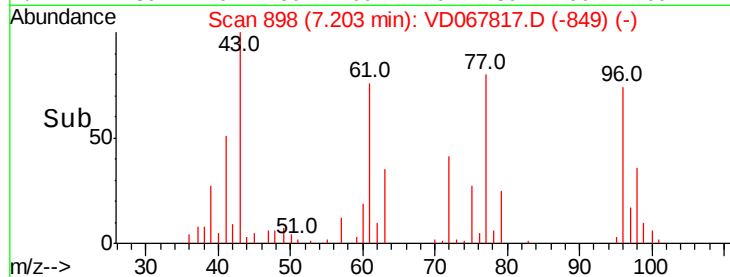
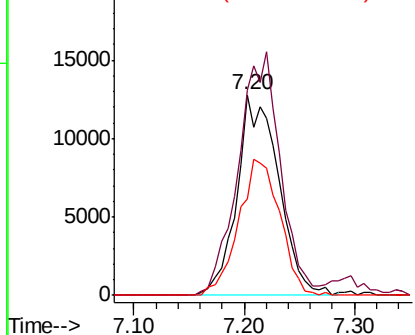
cis-1,2-Dichloroethene
Concen: 68.514 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

Tot Ion: 96 Resp: 33935
Ion Ratio Lower Upper
96 100
61 122.1 0.0 258.0
98 66.9 0.0 131.8



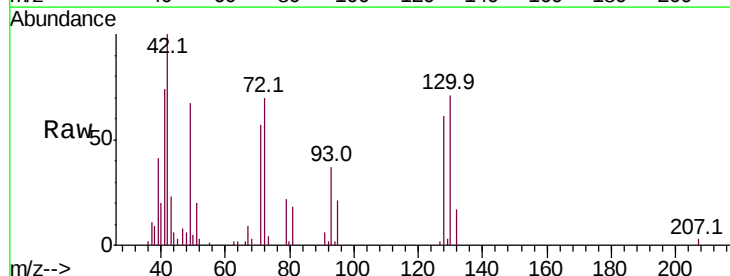
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



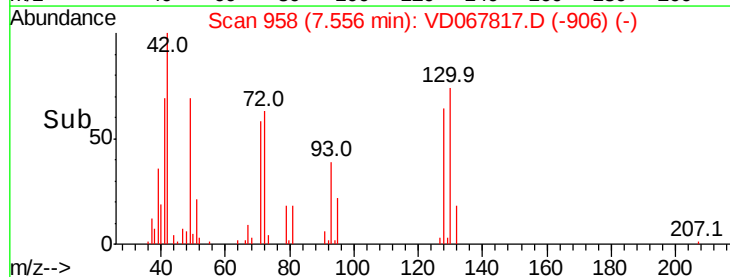
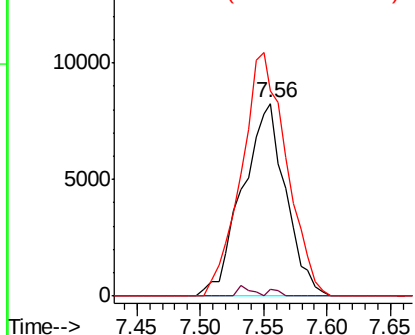
#28

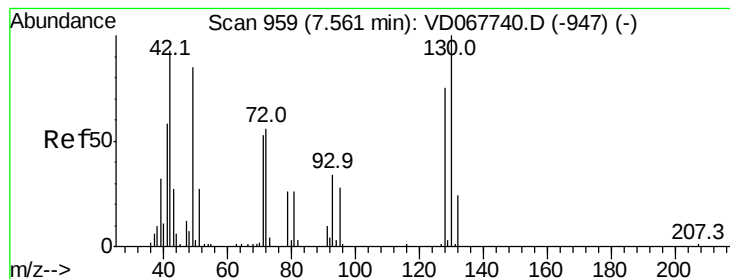
Bromochloromethane
Concen: 92.866 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 49 Resp: 19669
Ion Ratio Lower Upper
49 100
129 1.0 0.0 7.0
130 131.2 102.2 153.4



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 908.664 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

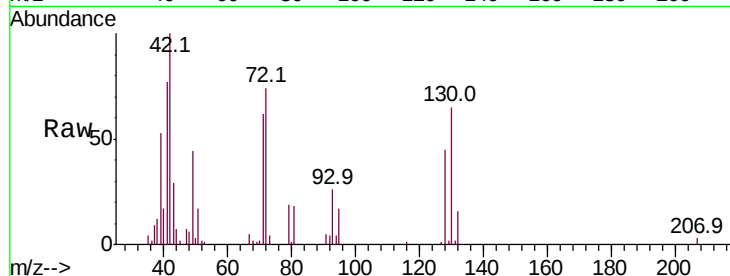
Tot Ion: 42 Resp: 36259

Ion Ratio Lower Upper

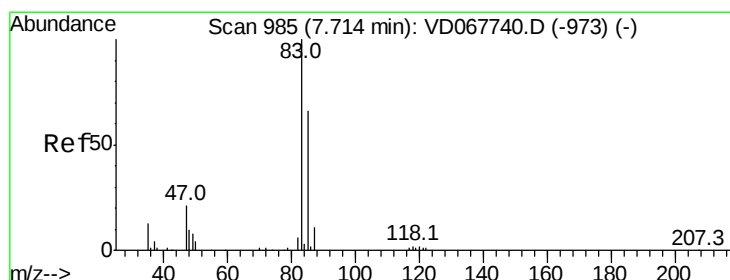
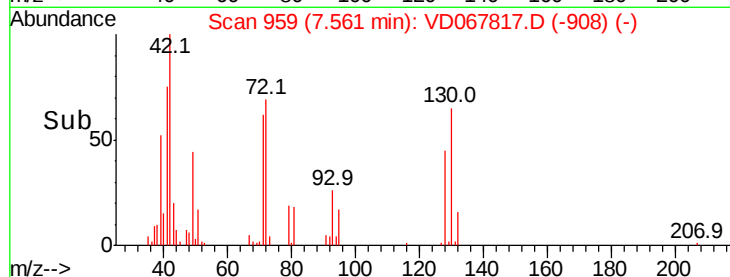
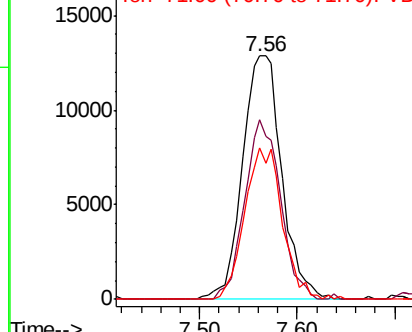
42 100

72 67.3 49.3 73.9

71 59.5 45.9 68.9



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 68.789 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067817.D

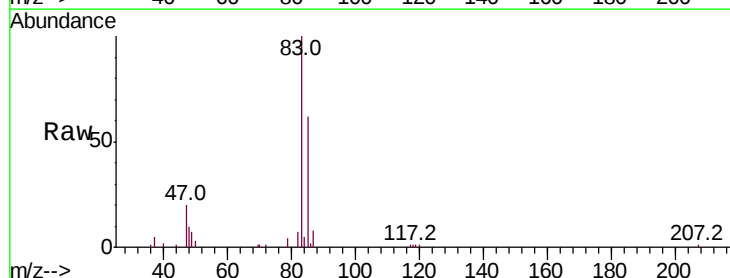
Acq: 30 Nov 2020 16:33

Tgt Ion: 83 Resp: 59478

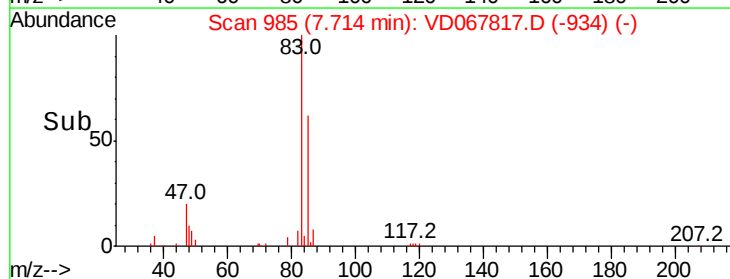
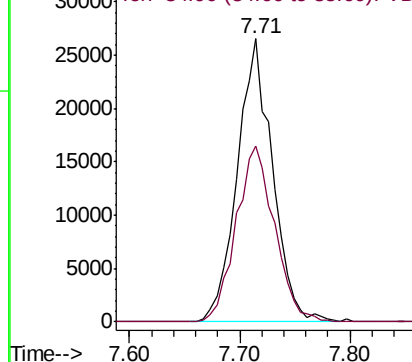
Ion Ratio Lower Upper

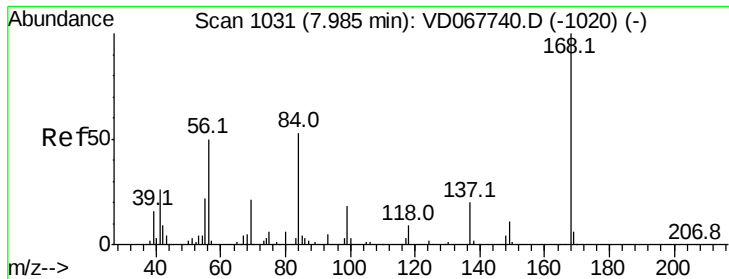
83 100

85 62.3 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

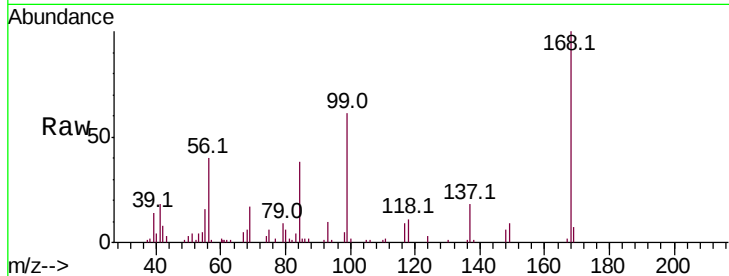




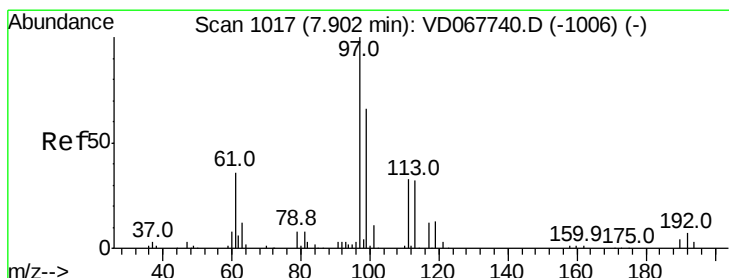
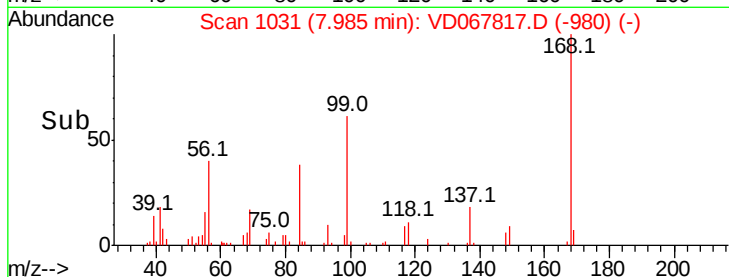
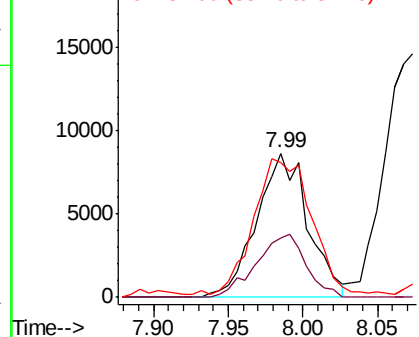
#31
Cyclohexane
Concen: 35.257 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

Tot Ion: 56 Resp: 20653
Ion Ratio Lower Upper
56 100
69 41.2 33.2 49.8
84 91.7 84.8 127.2

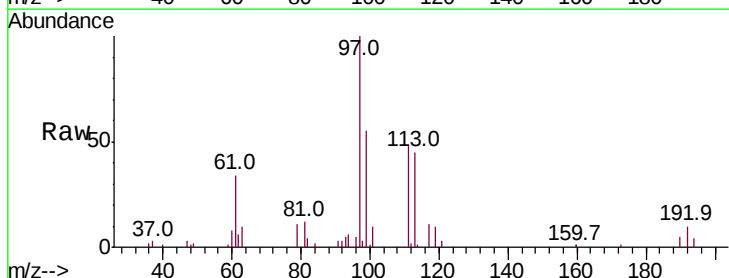


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

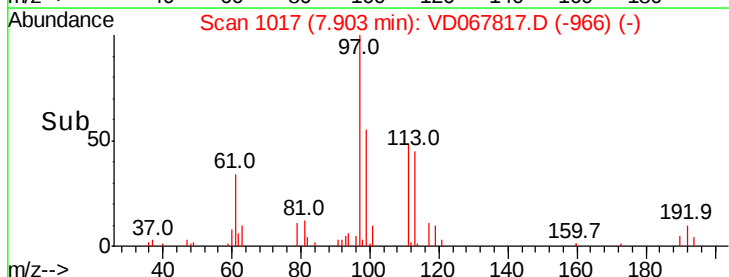
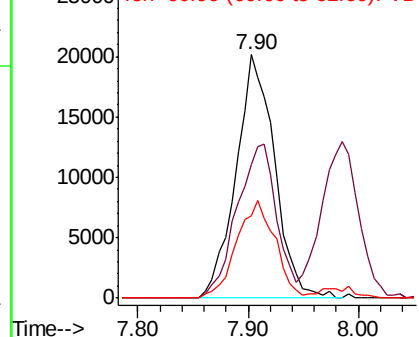


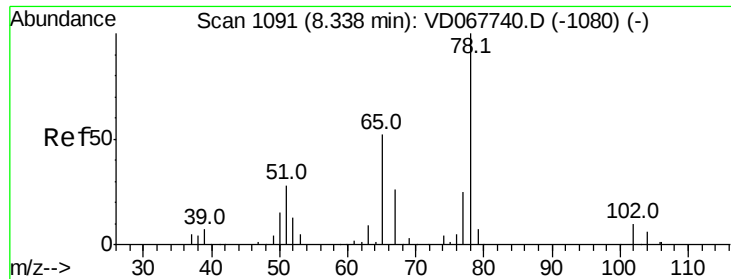
#32
1,1,1-Trichloroethane
Concen: 53.933 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 97 Resp: 49387
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 39.7 29.4 44.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

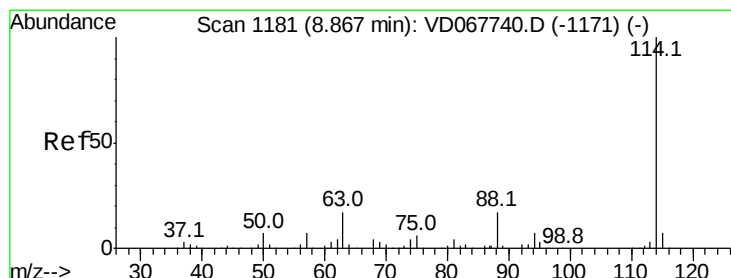
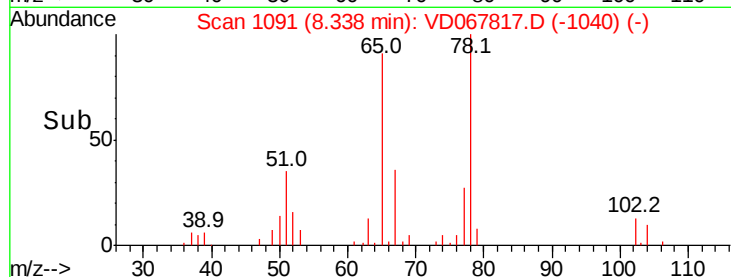
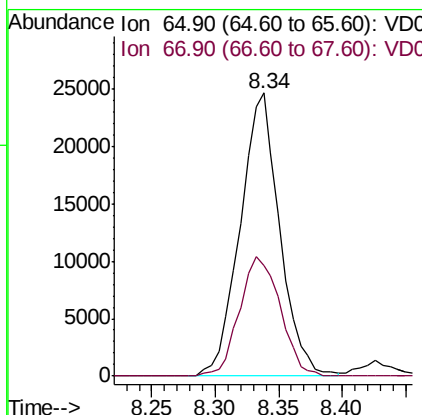
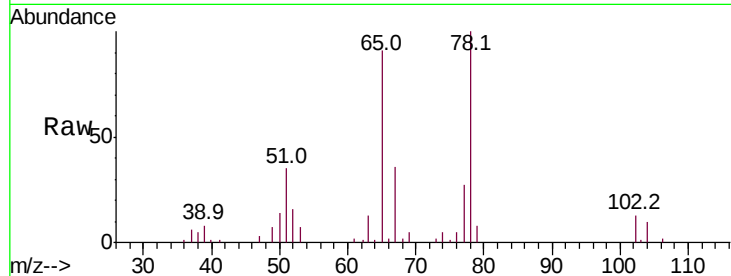




#33
 1,2-Dichloroethane-d4
 Concen: 110.378 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

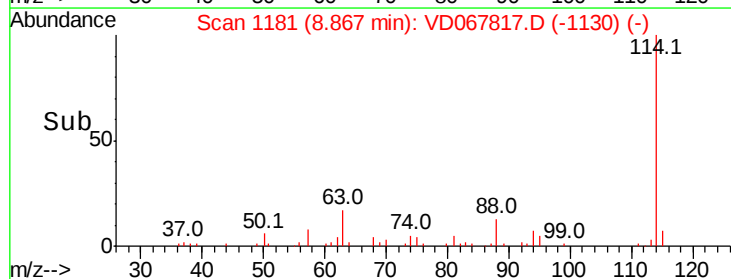
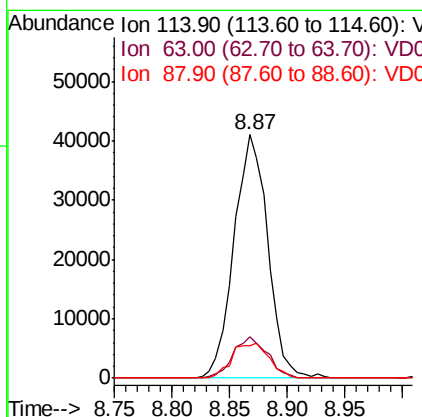
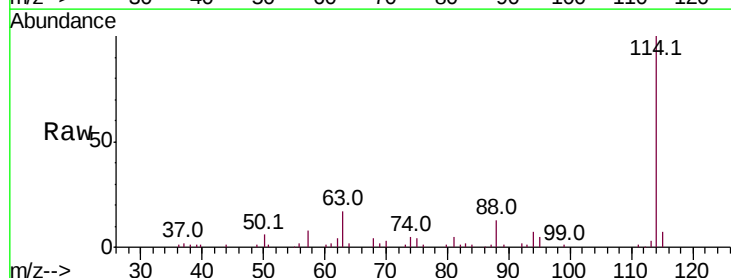
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

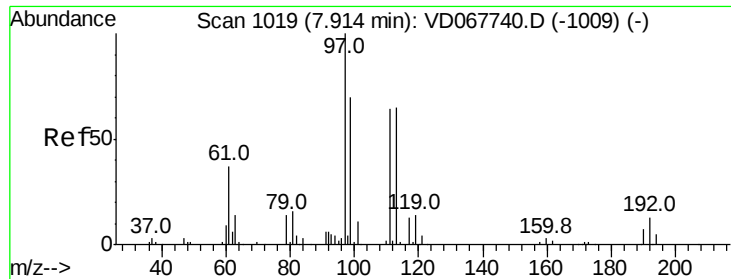
Tot Ion: 65 Resp: 53438
 Ion Ratio Lower Upper
 65 100
 67 43.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion:114 Resp: 83306
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.8
 88 13.1 0.0 34.4

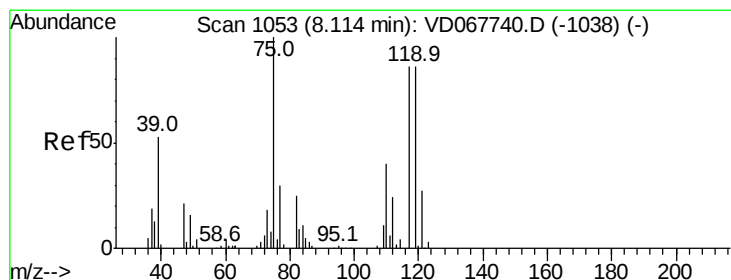
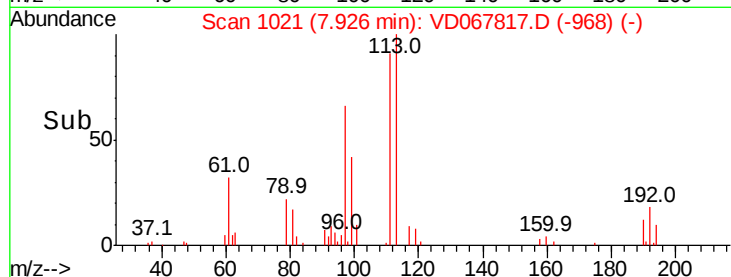
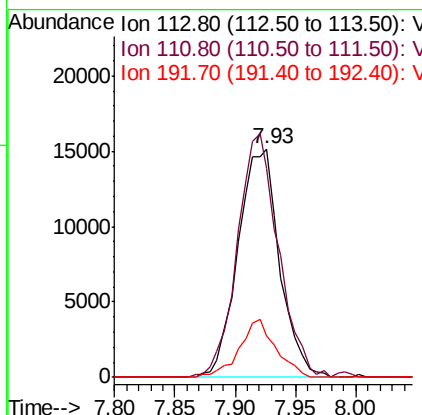
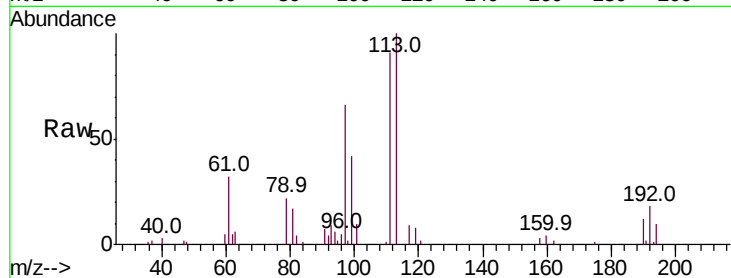




#35
Dibromofluoromethane
Concen: 68.600 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

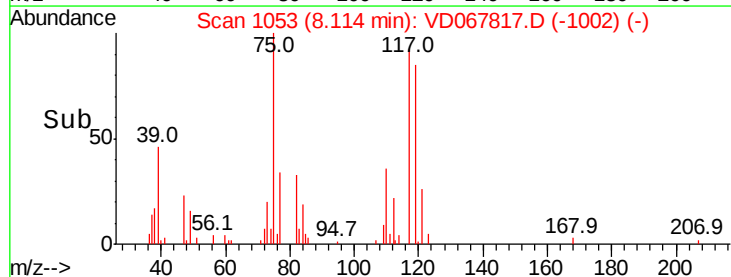
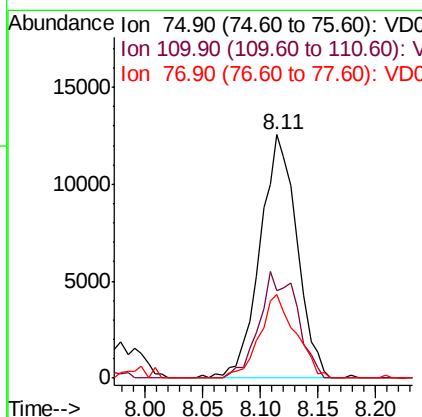
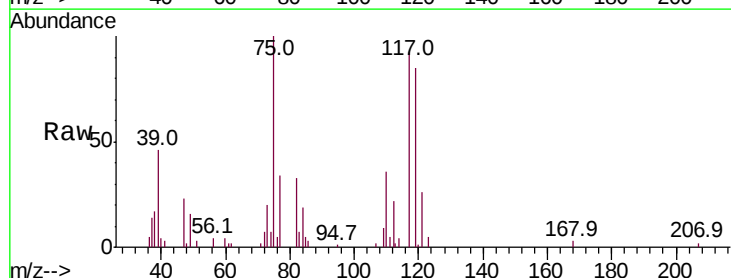
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

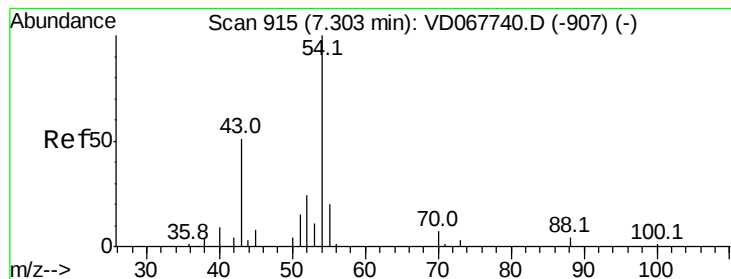
Tot Ion:113 Resp: 36369
Ion Ratio Lower Upper
113 100
111 105.4 81.4 122.0
192 22.3 17.0 25.4



#36
1,1-Dichloropropene
Concen: 39.139 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 75 Resp: 27979
Ion Ratio Lower Upper
75 100
110 44.8 20.1 60.2
77 33.5 24.8 37.2





#37

Ethyl Acetate

Concen: 86.609 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

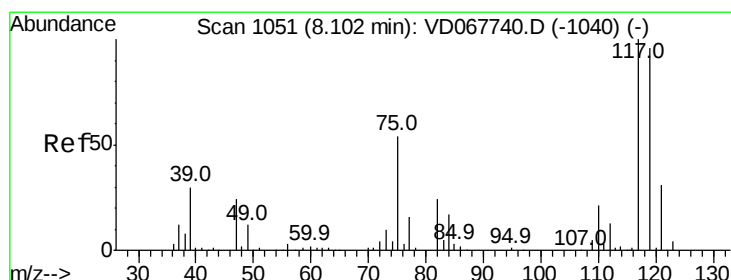
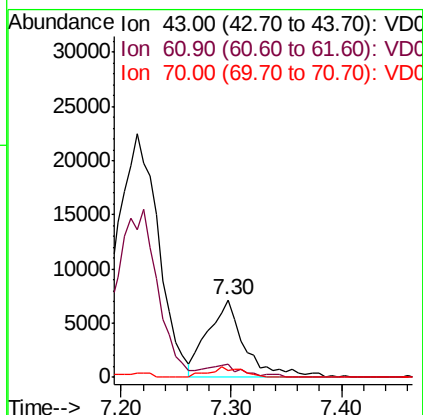
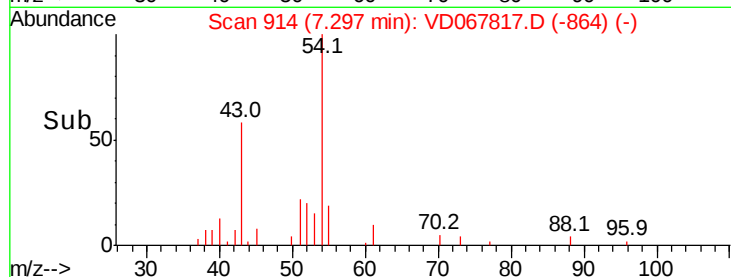
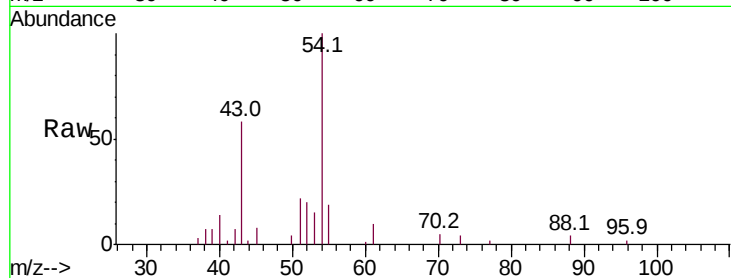
Tot Ion: 43 Resp: 16648

Ion Ratio Lower Upper

43 100

61 11.6 12.9 19.3#

70 11.7 12.2 18.2#



#38

Carbon Tetrachloride

Concen: 40.376 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

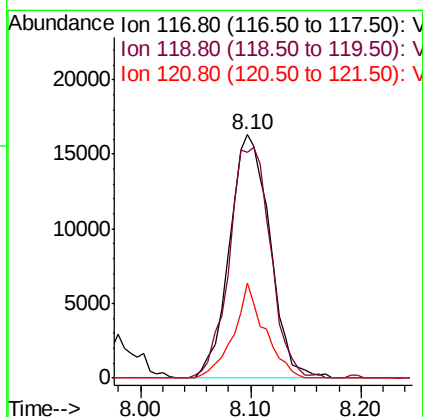
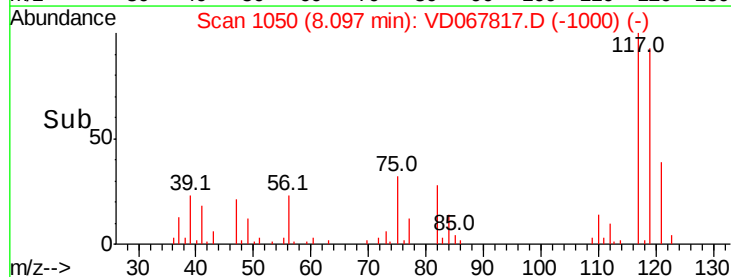
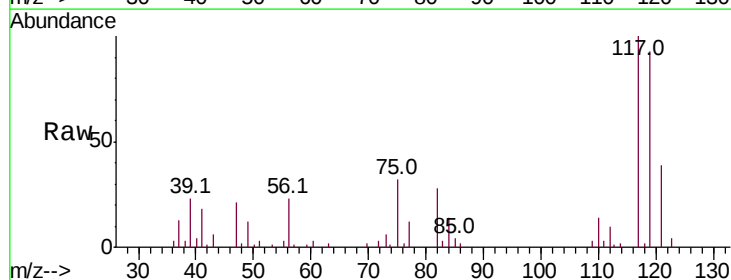
Tgt Ion: 117 Resp: 41839

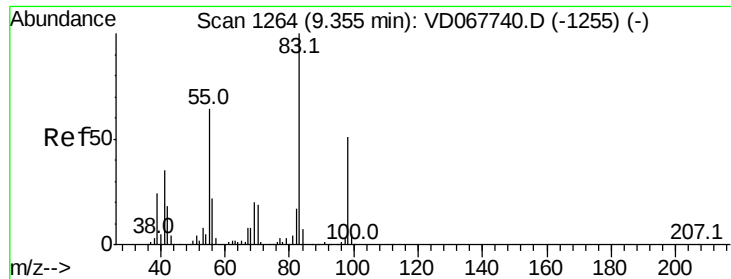
Ion Ratio Lower Upper

117 100

119 92.7 76.6 115.0

121 38.8 24.5 36.7#

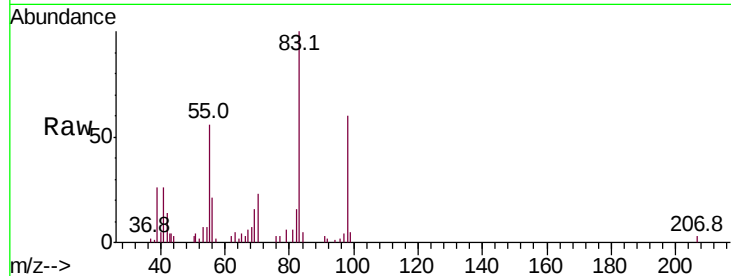




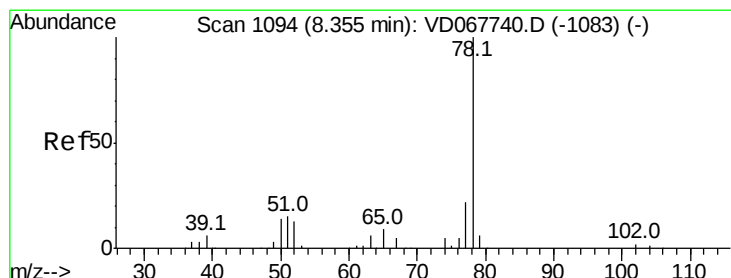
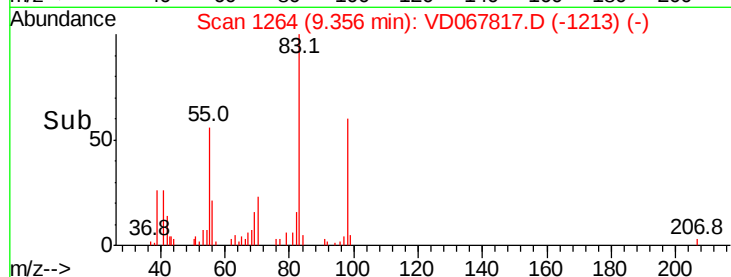
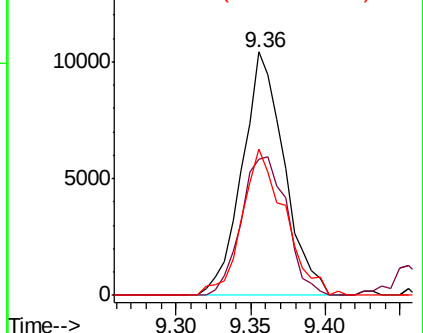
#39
Methvlcvclohexane
Concen: 24.050 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

Tot Ion: 83 Resp: 20346
Ion Ratio Lower Upper
83 100
55 55.9 51.0 76.4
98 59.9 40.4 60.6

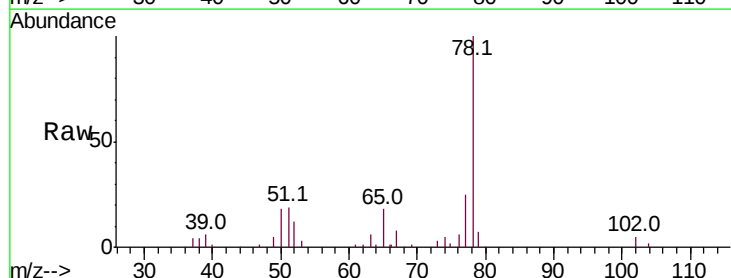


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

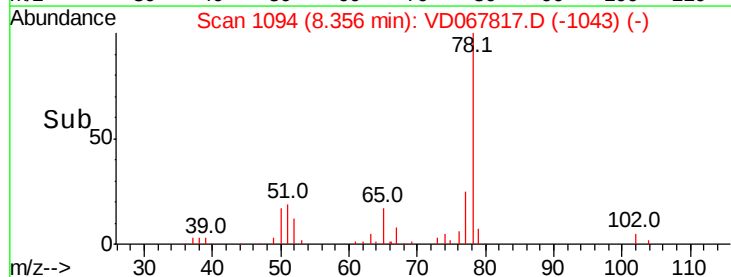
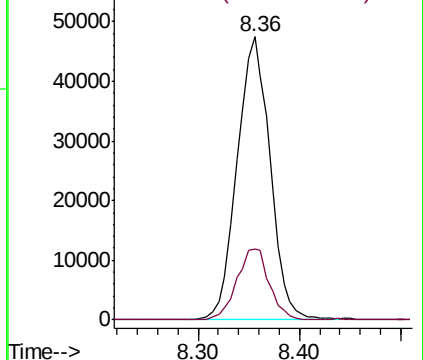


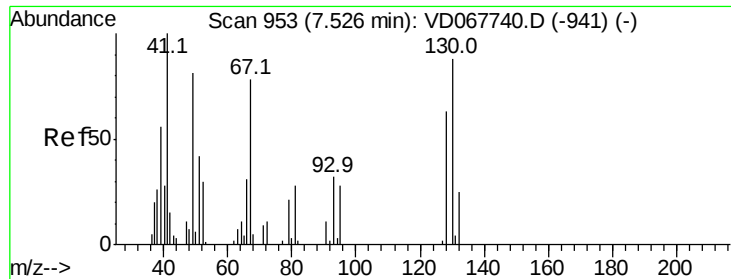
#40
Benzene
Concen: 54.603 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 78 Resp: 107204
Ion Ratio Lower Upper
78 100
77 25.2 17.8 26.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

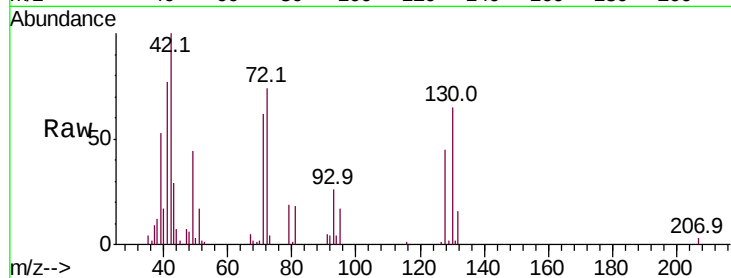




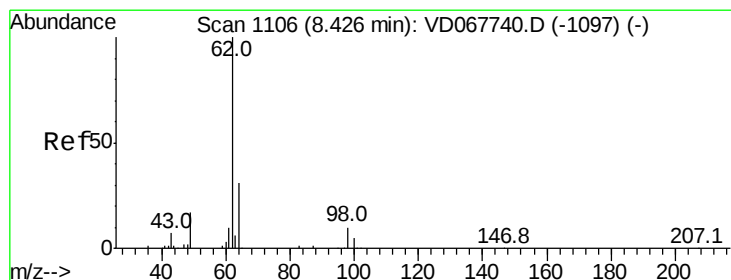
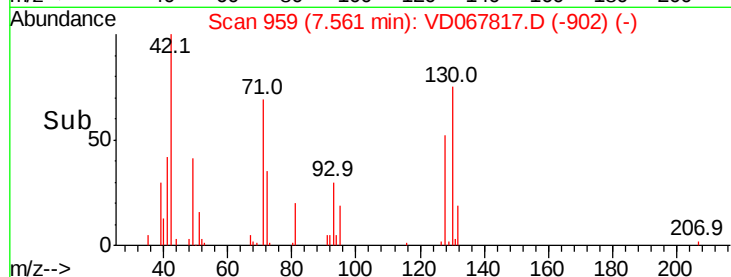
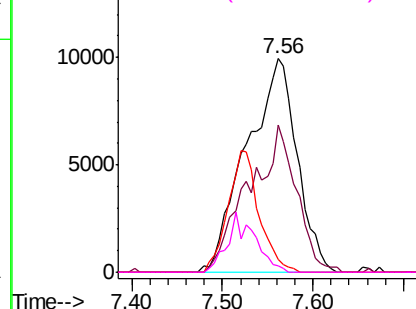
#41
Methacrylonitrile
Concen: 392.135 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

Tot Ion: 41 Resp: 38490
Ion Ratio Lower Upper
41 100
39 64.8 50.2 75.4
67 0.0 79.0 118.6#
52 0.0 32.4 48.6#

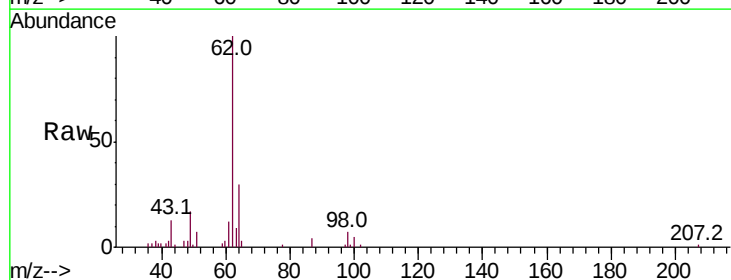


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

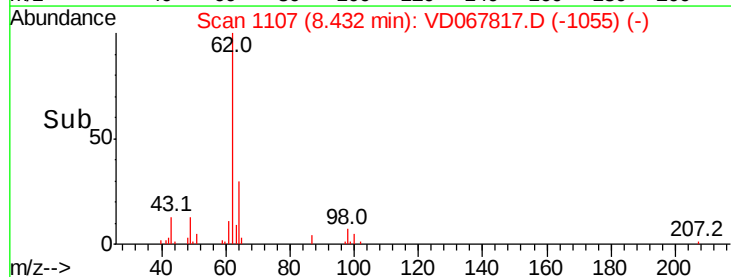
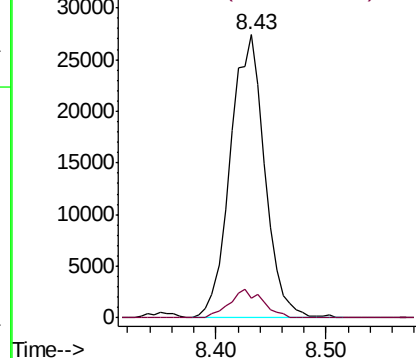


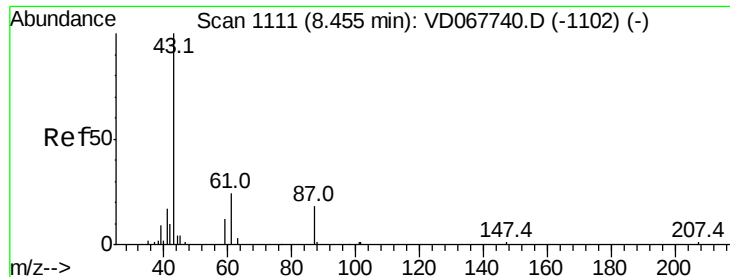
#42
1,2-Dichloroethane
Concen: 90.027 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 62 Resp: 59973
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 81.202 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

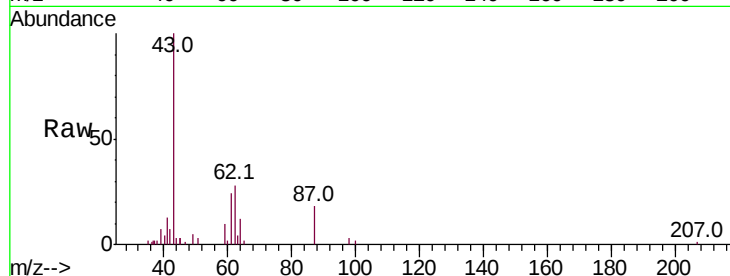
Tot Ion: 43 Resp: 31171

Ion Ratio Lower Upper

43 100

61 39.3 30.2 45.4

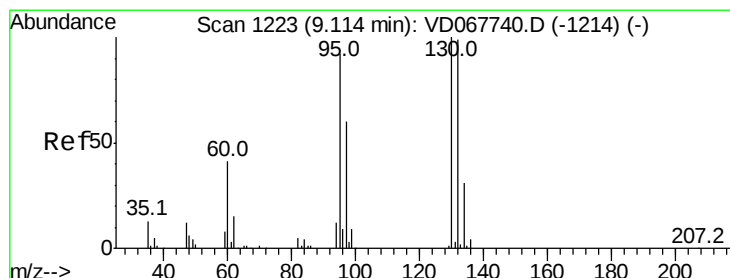
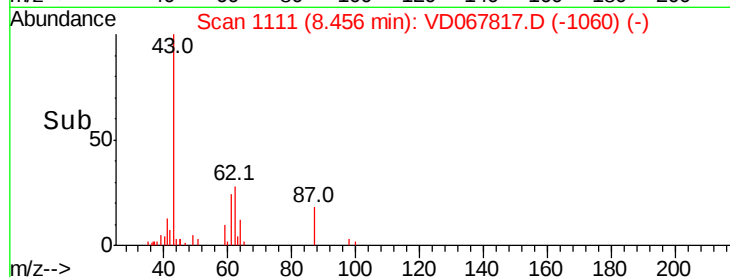
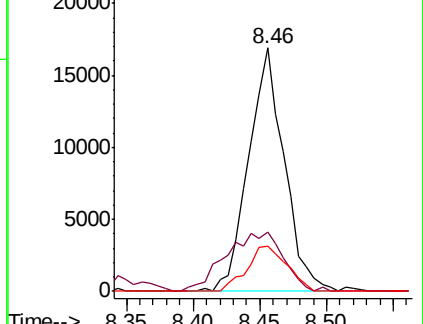
87 20.9 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 46.892 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067817.D

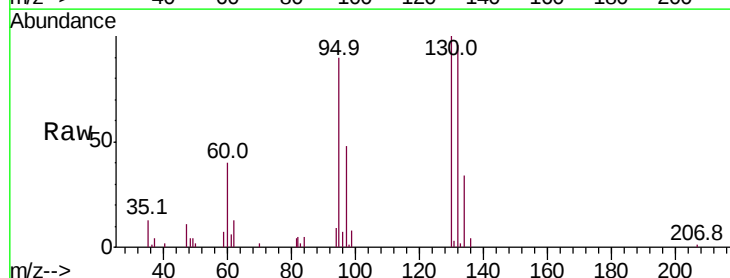
Acq: 30 Nov 2020 16:33

Tgt Ion:130 Resp: 30513

Ion Ratio Lower Upper

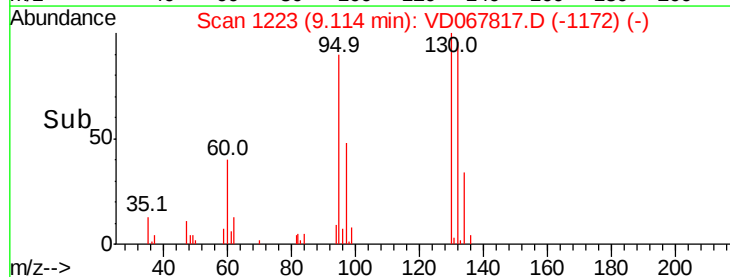
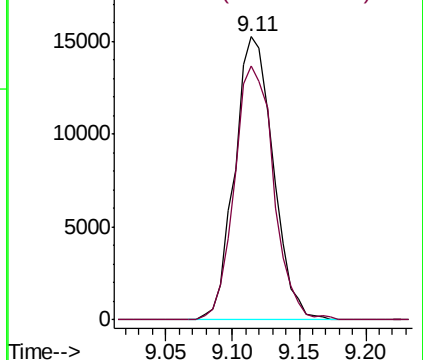
130 100

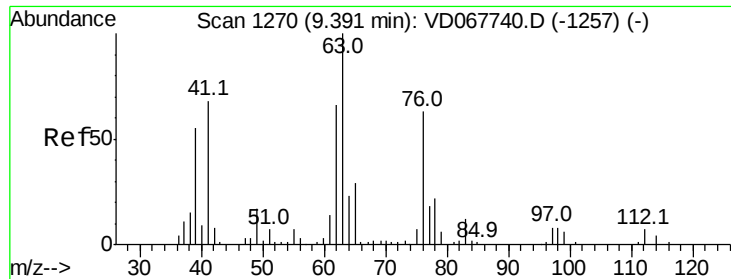
95 89.8 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 60.689 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

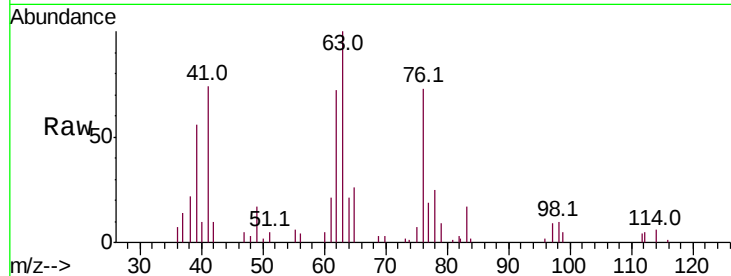
KENS-B4-112320-0-2MS

Tot Ion: 63 Resp: 24449

Ion Ratio Lower Upper

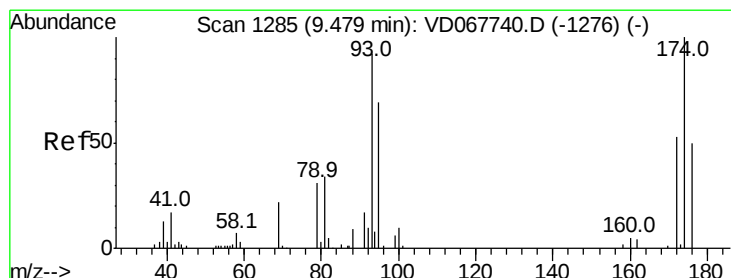
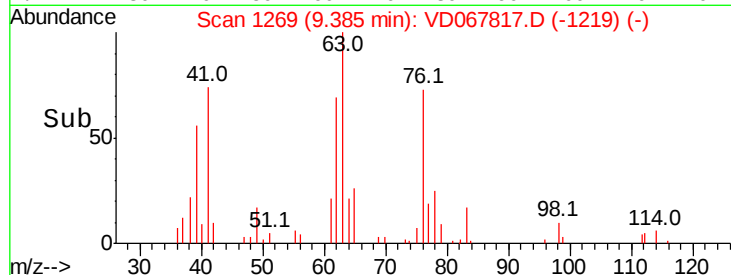
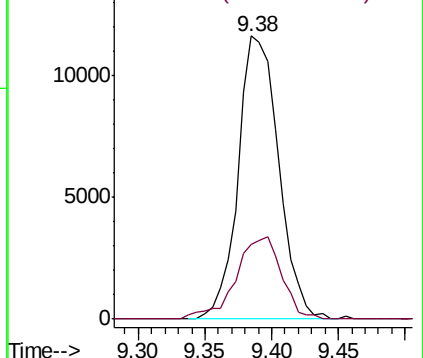
63 100

65 26.3 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 100.748 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

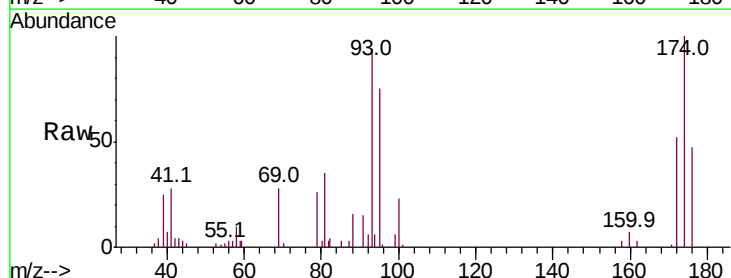
Tgt Ion: 93 Resp: 27632

Ion Ratio Lower Upper

93 100

95 81.6 63.4 95.2

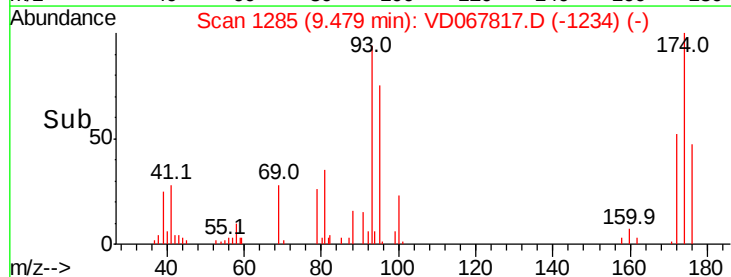
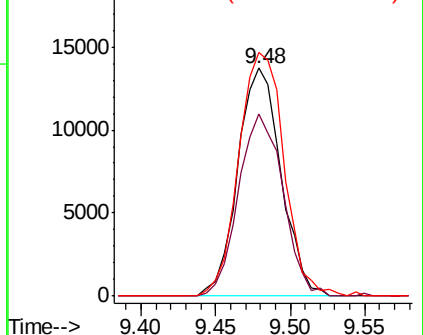
174 111.3 89.6 134.4

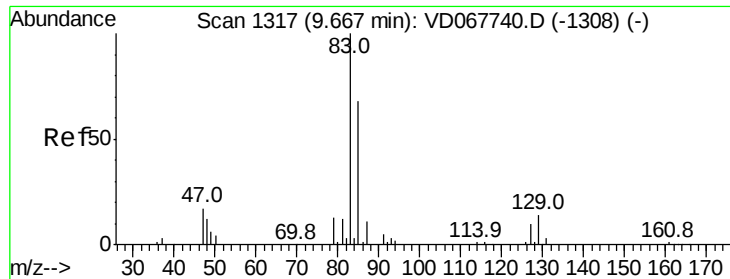


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 72.692 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

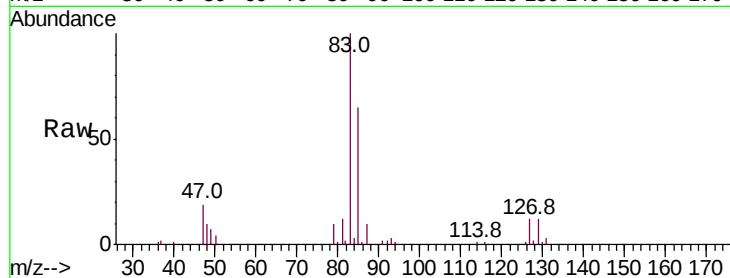
Tot Ion: 83 Resp: 55518

Ion Ratio Lower Upper

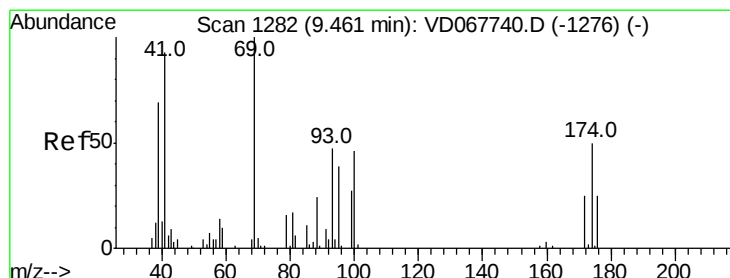
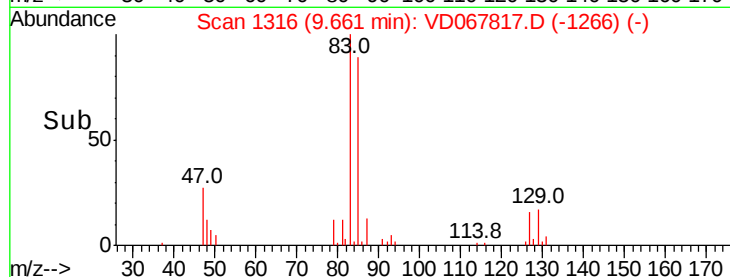
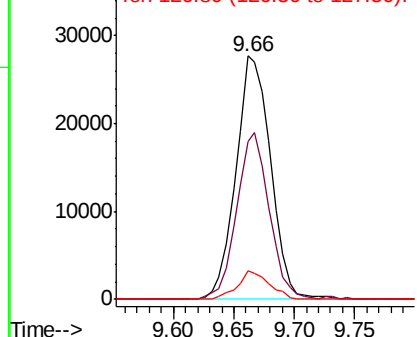
83 100

85 64.7 54.2 81.2

127 11.7 7.6 11.4#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 153.217 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

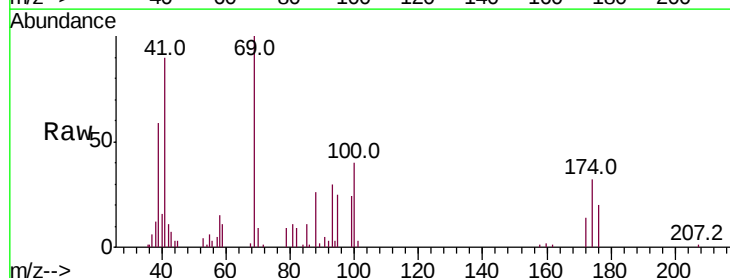
Tgt Ion: 41 Resp: 29404

Ion Ratio Lower Upper

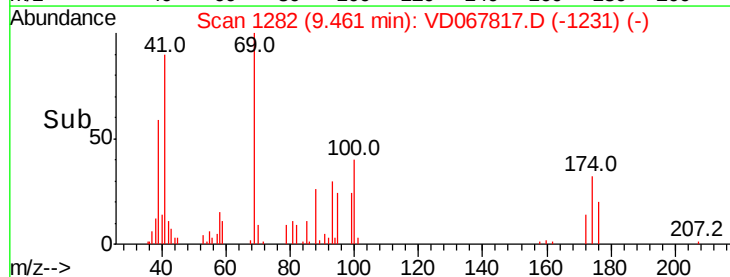
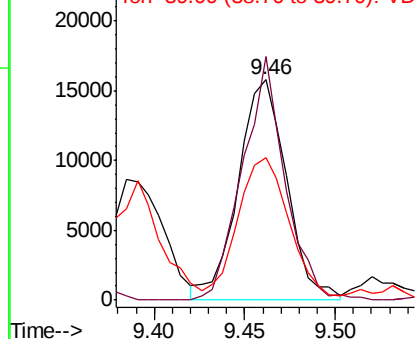
41 100

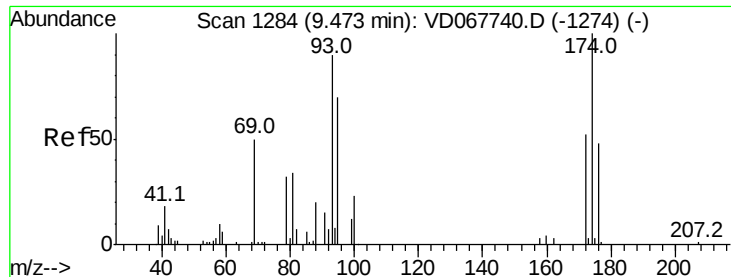
69 96.7 87.8 131.6

39 69.5 60.5 90.7



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

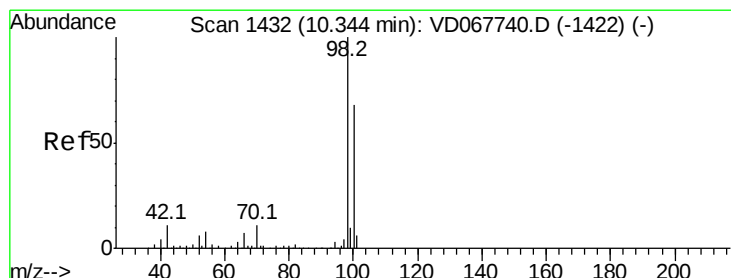
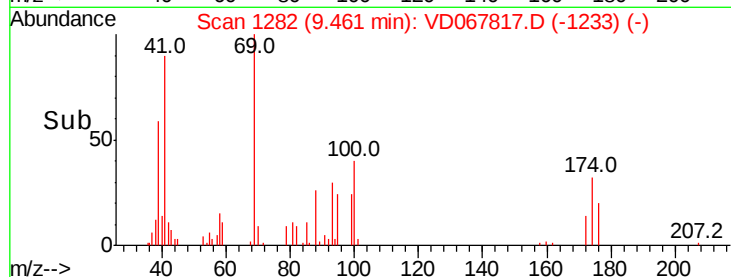
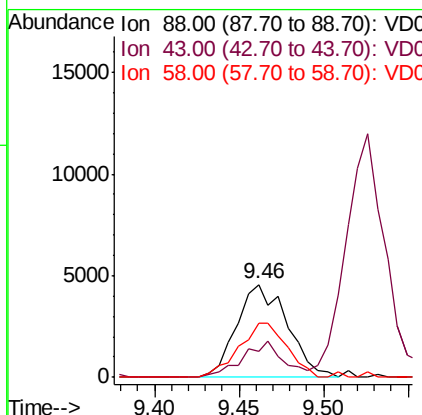
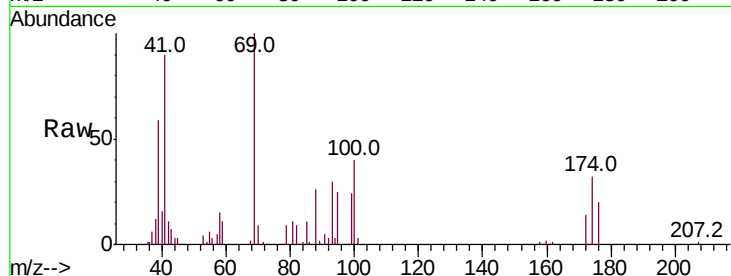




#49
 1,4-Dioxane
 Concen: 3191.442 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

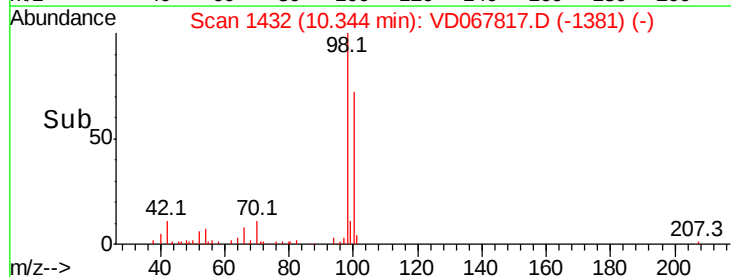
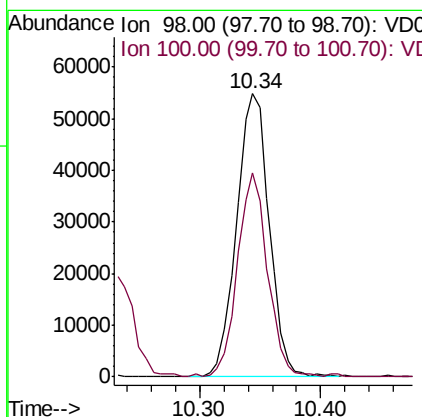
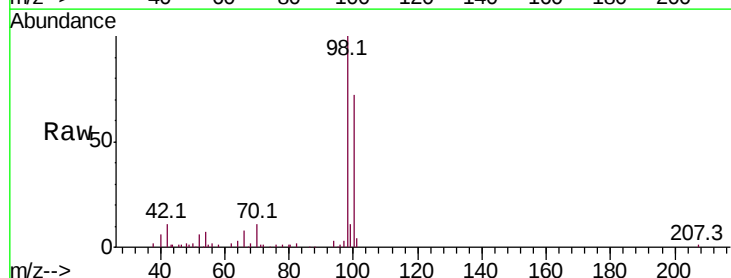
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

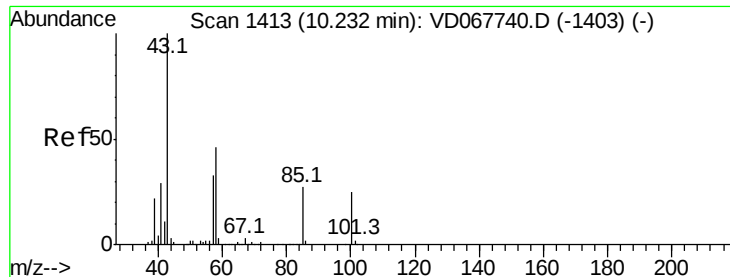
Tot Ion: 88 Resp: 9486
 Ion Ratio Lower Upper
 88 100
 43 32.0 25.2 37.8
 58 55.1 48.2 72.2



#50
 Toluene-d8
 Concen: 53.374 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion: 98 Resp: 103454
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 726.759 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

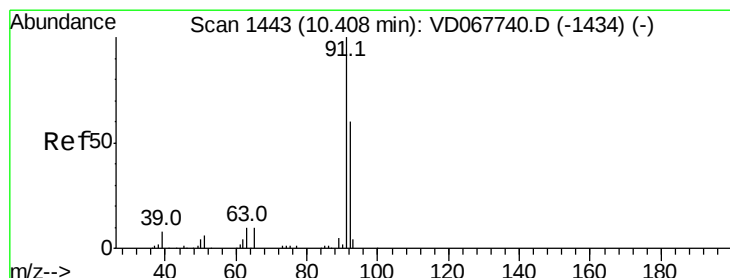
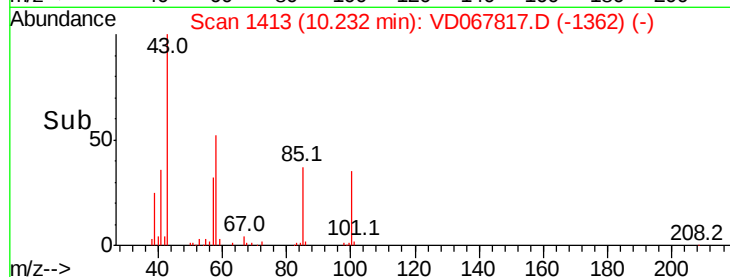
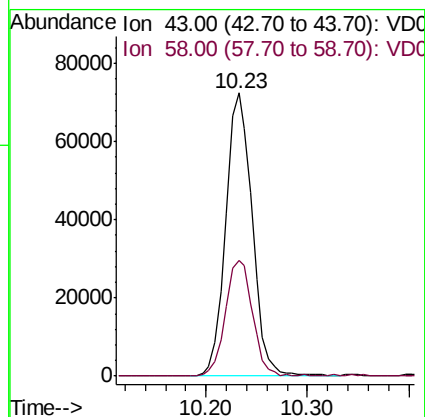
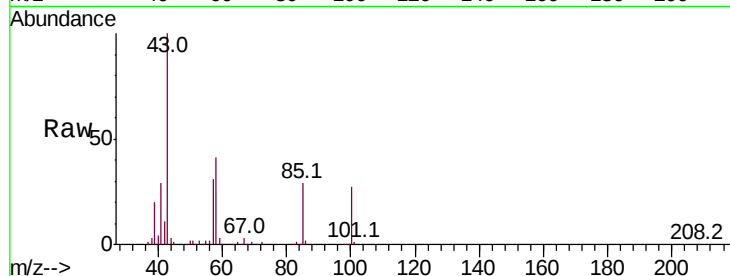
KENS-B4-112320-0-2MS

Tot Ion: 43 Resp: 131275

Ion Ratio Lower Upper

43 100

58 42.0 34.7 52.1



#52

Toluene

Concen: 54.627 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067817.D

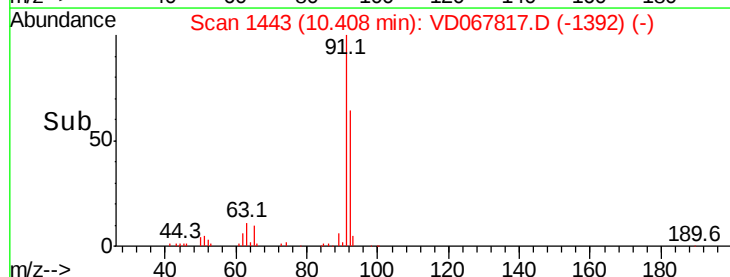
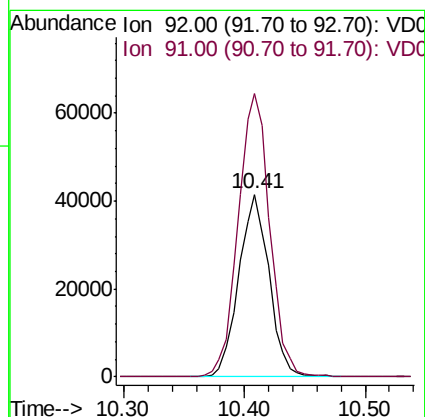
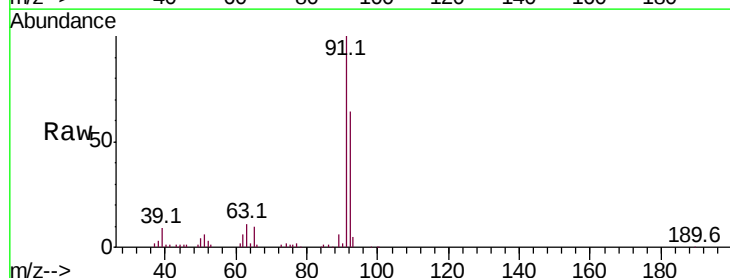
Acq: 30 Nov 2020 16:33

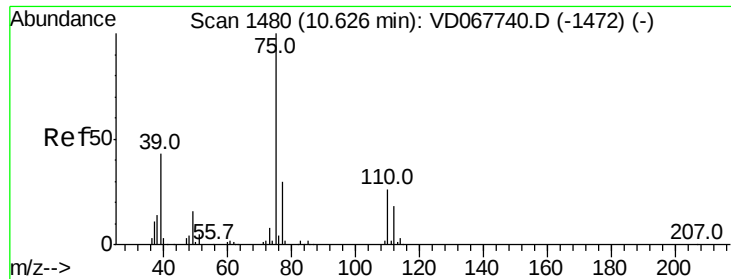
Tgt Ion: 92 Resp: 72758

Ion Ratio Lower Upper

92 100

91 162.0 135.4 203.0

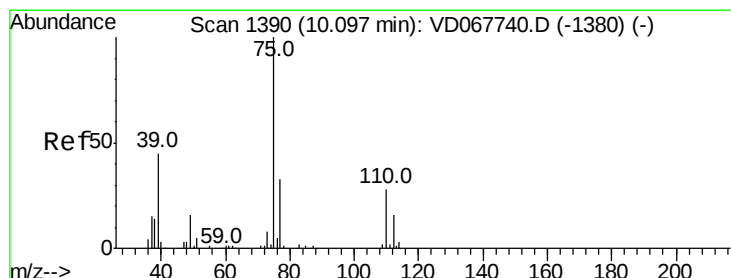
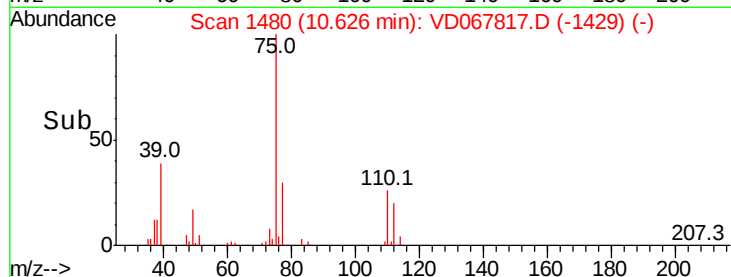
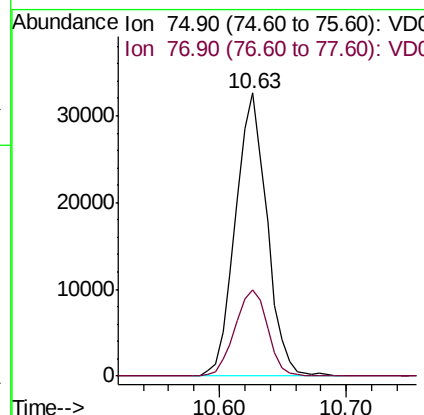
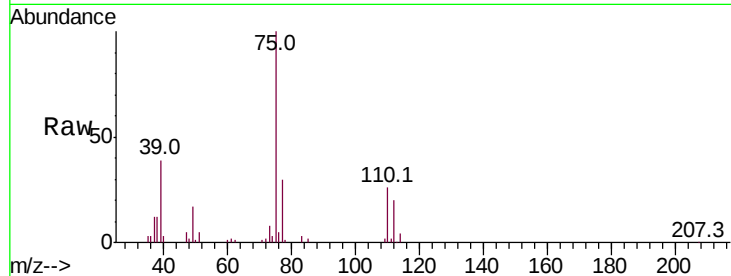




#53
t-1,3-Dichloropropene
Concen: 83.929 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

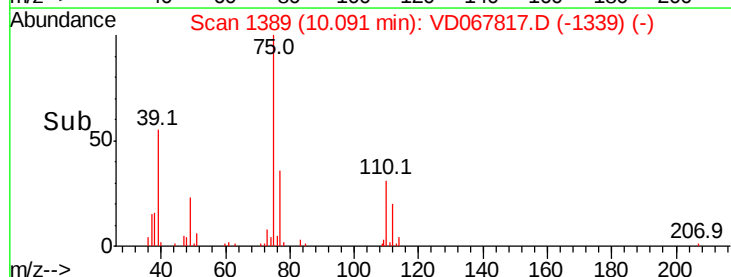
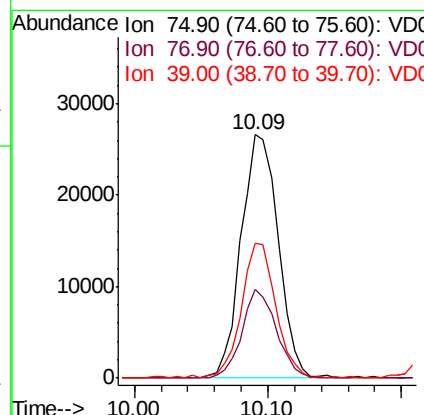
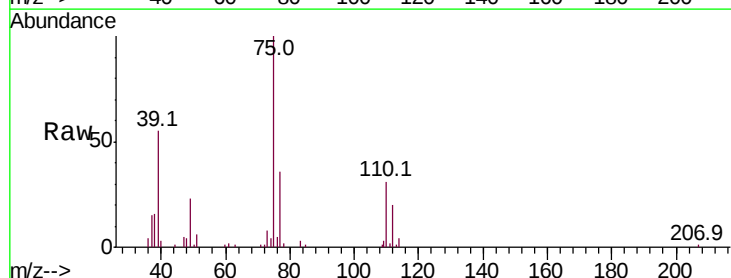
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

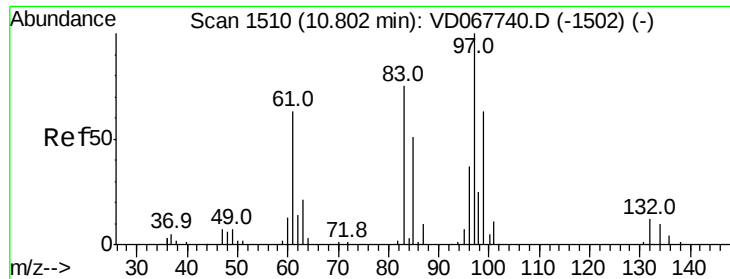
Tot Ion: 75 Resp: 56002
Ion Ratio Lower Upper
75 100
77 30.3 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 67.810 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 75 Resp: 51206
Ion Ratio Lower Upper
75 100
77 36.4 26.1 39.1
39 55.4 35.8 53.6#

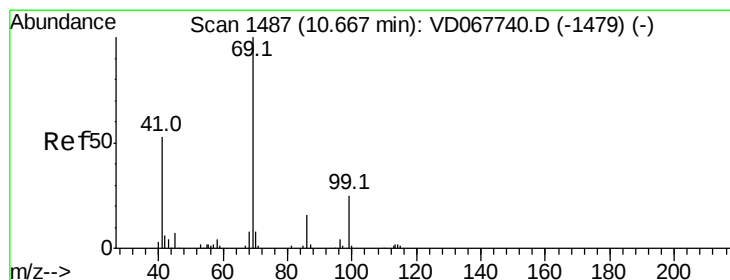
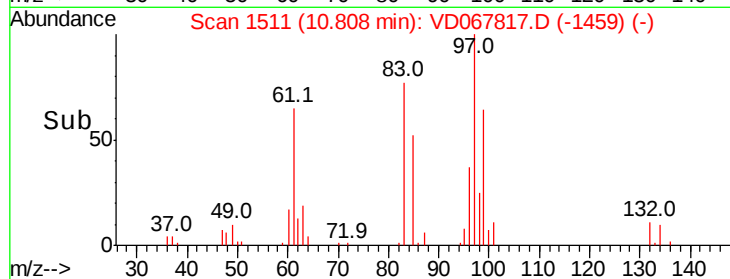
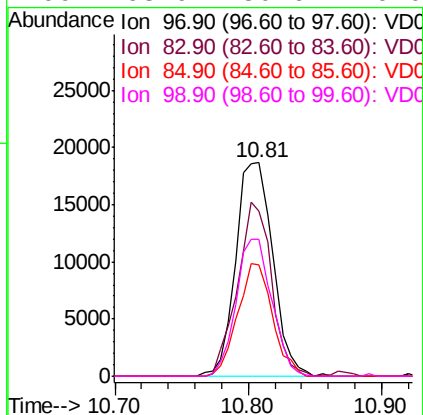
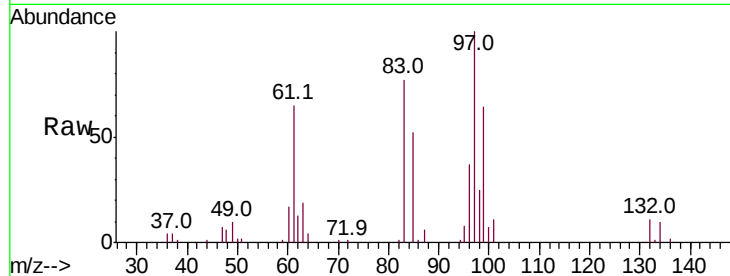




#55
 1,1,2-Trichloroethane
 Concen: 97.695 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

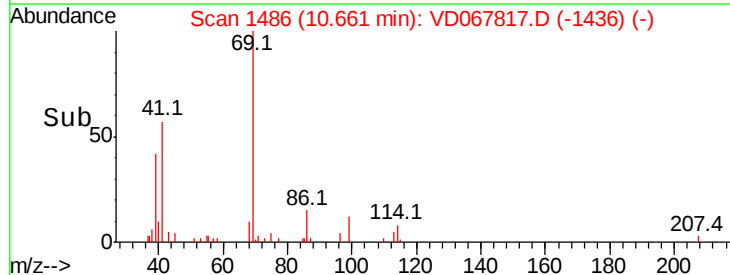
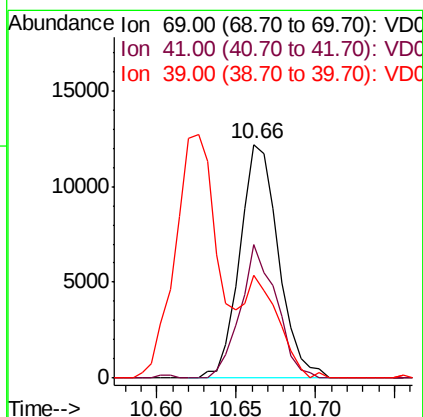
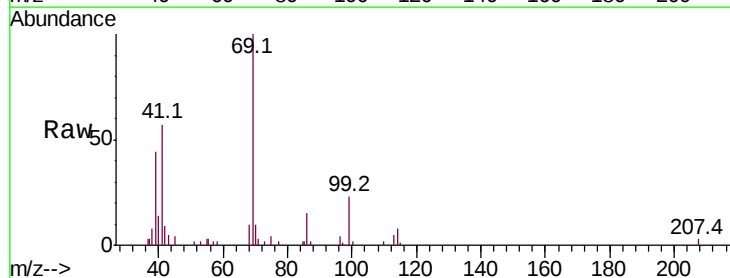
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

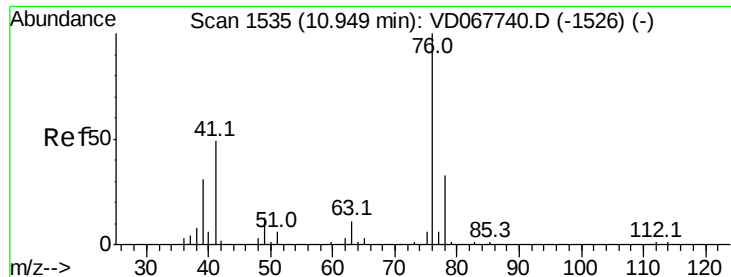
Tot Ion:	97	Resp:	35952
Ion	Ratio	Lower	Upper
97	100		
83	77.1	60.2	90.4
85	52.0	40.5	60.7
99	63.9	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 54.081 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion:	69	Resp:	20605
Ion	Ratio	Lower	Upper
69	100		
41	53.6	43.4	65.0
39	38.5	29.6	44.4





#57

1,3-Dichloropropane

Concen: 93.814 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

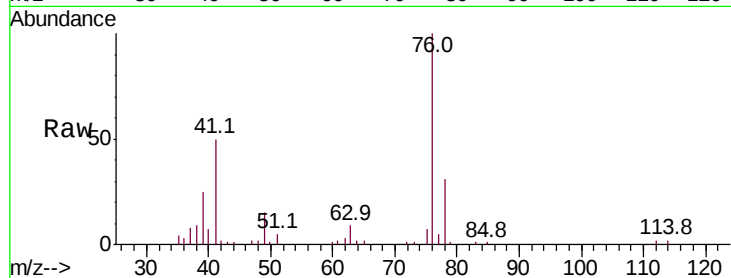
KENS-B4-112320-0-2MS

Tot Ion: 76 Resp: 54434

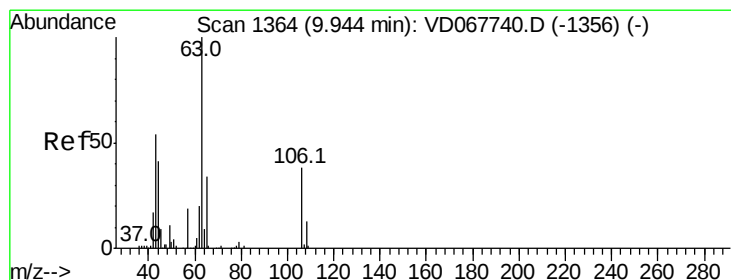
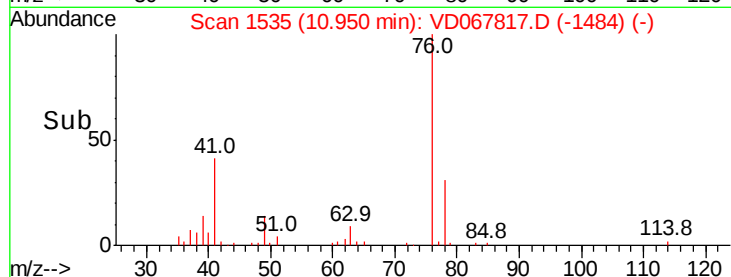
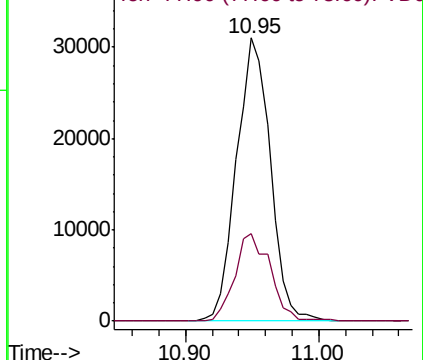
Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 606.183 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD067817.D

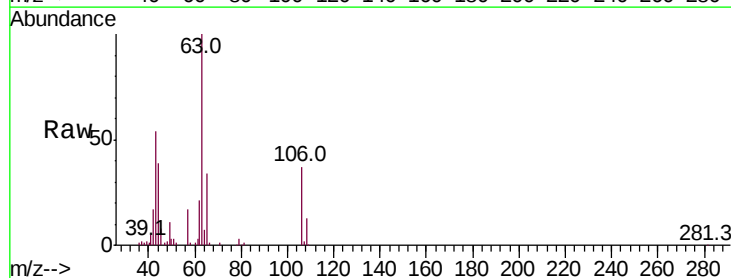
Acq: 30 Nov 2020 16:33

Tgt Ion: 63 Resp: 107914

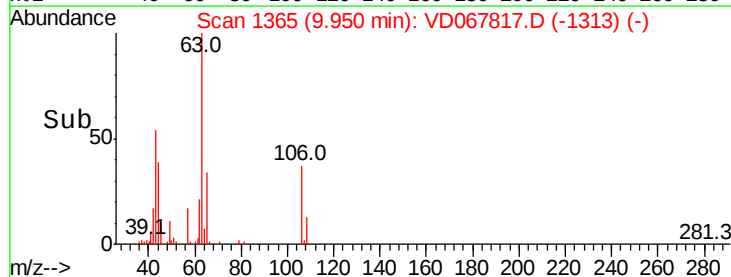
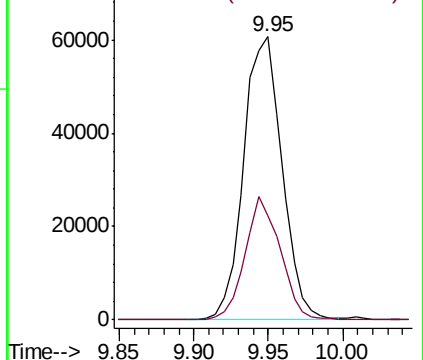
Ion Ratio Lower Upper

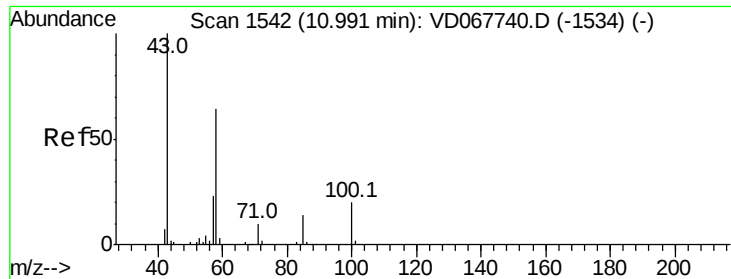
63 100

106 39.6 31.0 46.6



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 105.90 (105.60 to 106.60): V

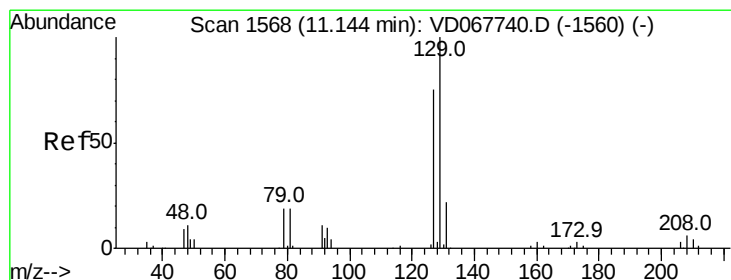
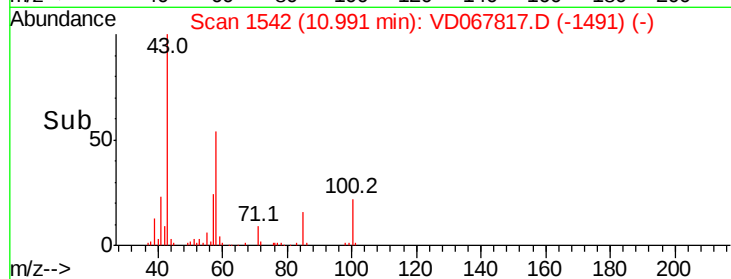
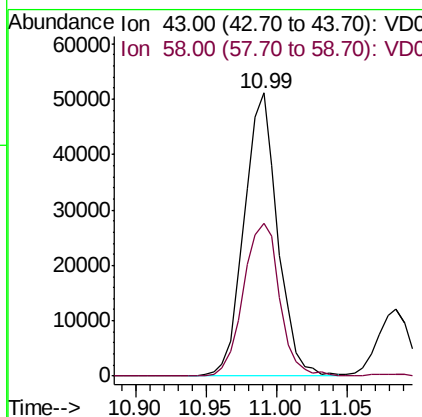
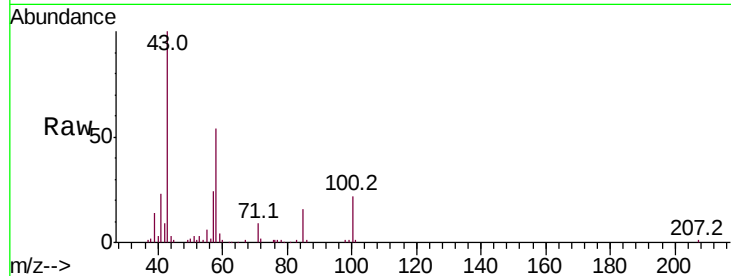




#59
2-Hexanone
Concen: 665.667 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

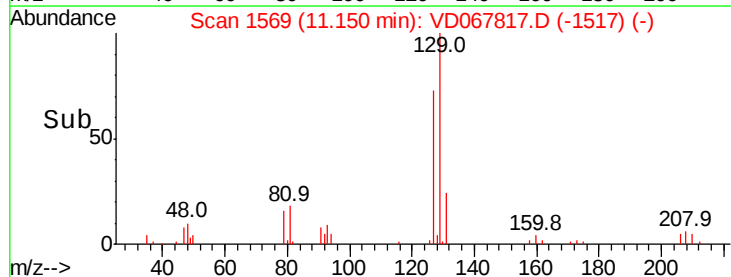
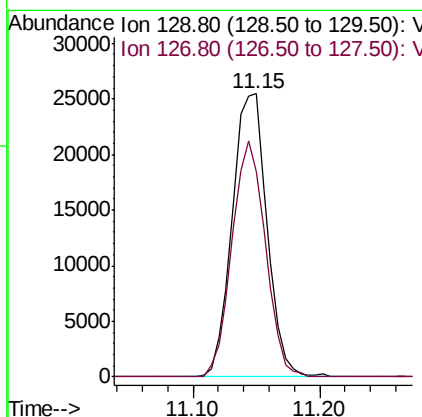
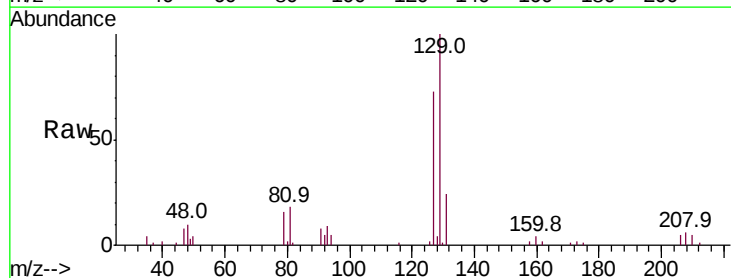
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

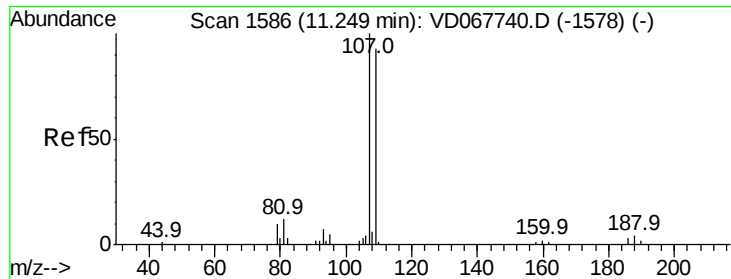
Tot Ion: 43 Resp: 84893
Ion Ratio Lower Upper
43 100
58 58.4 30.5 91.5



#60
Dibromochloromethane
Concen: 86.246 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 129 Resp: 48365
Ion Ratio Lower Upper
129 100
127 79.8 38.6 115.7

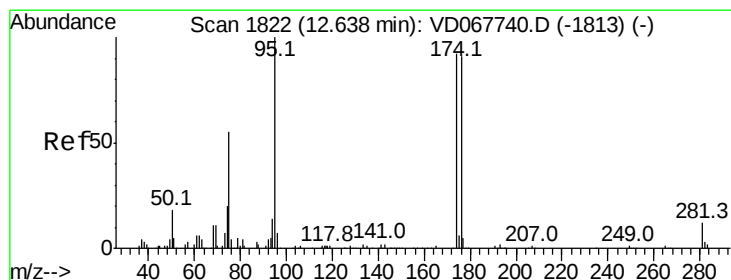
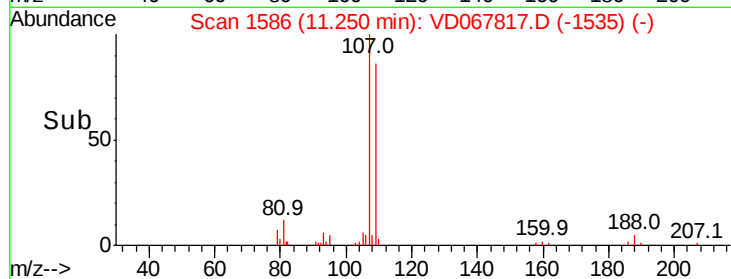
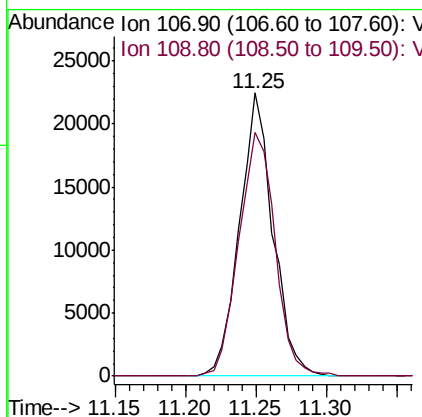
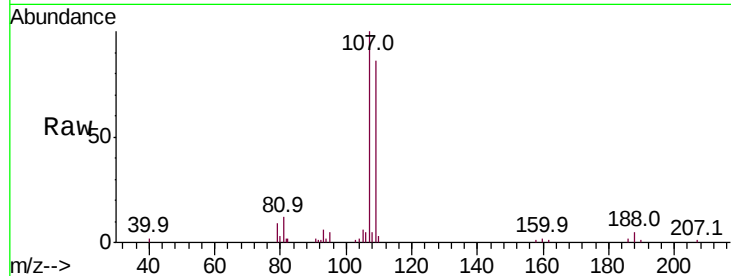




#61
 1,2-Dibromoethane
 Concen: 102.532 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

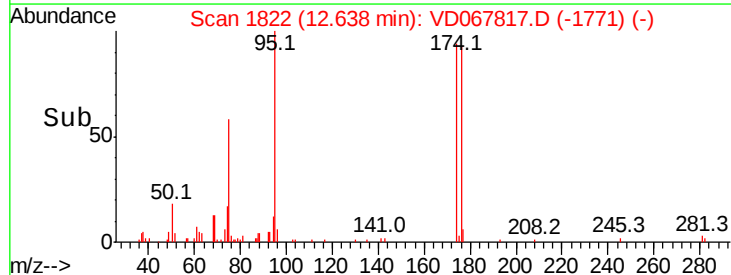
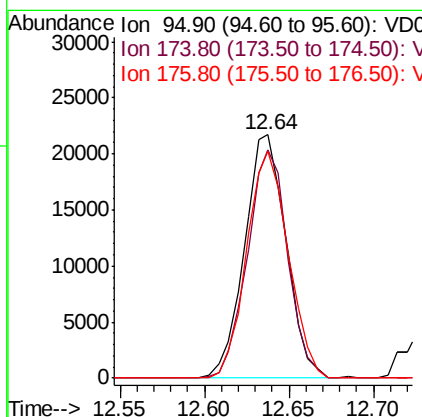
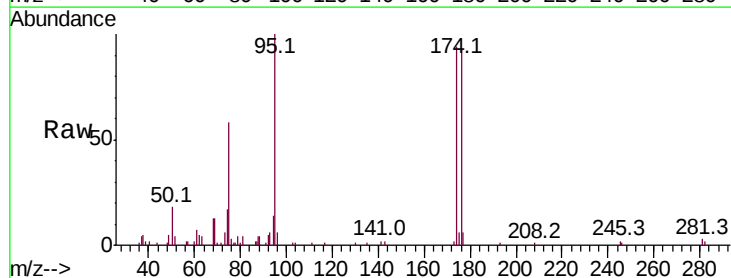
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

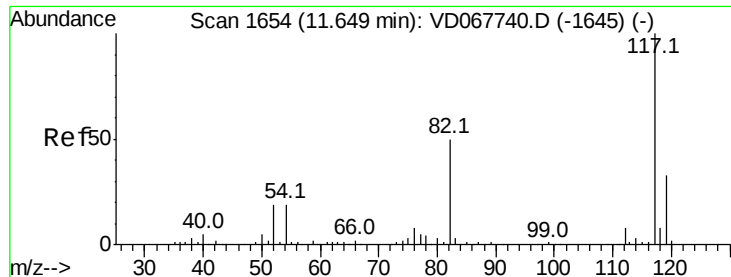
Tot Ion:107 Resp: 37178
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 56.115 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion: 95 Resp: 37177
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 182.4
 176 92.9 0.0 178.2

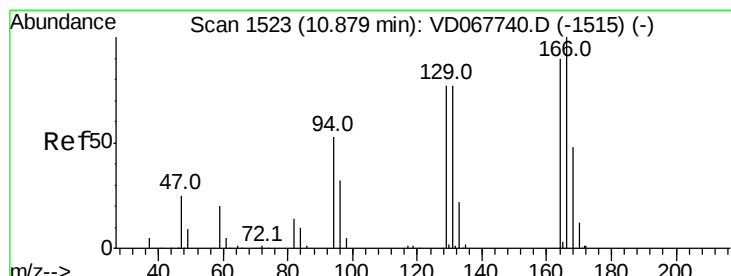
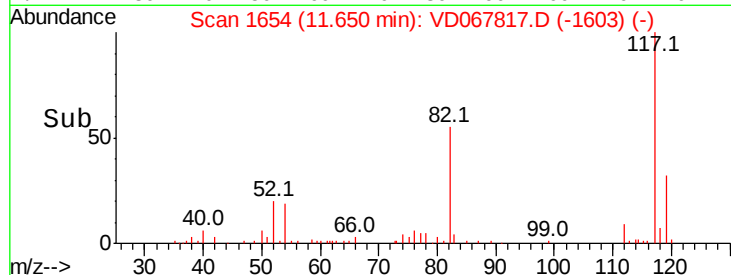
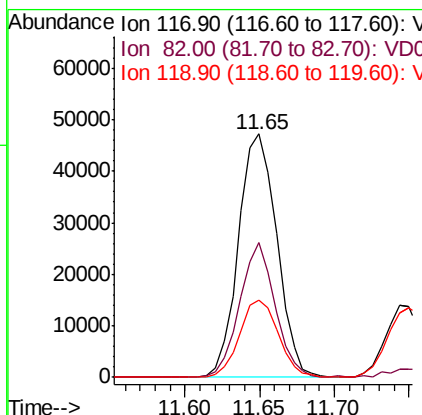
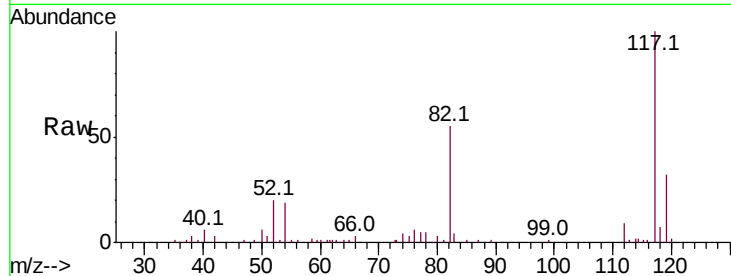




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

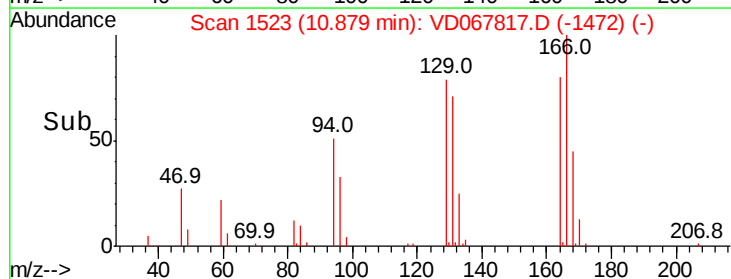
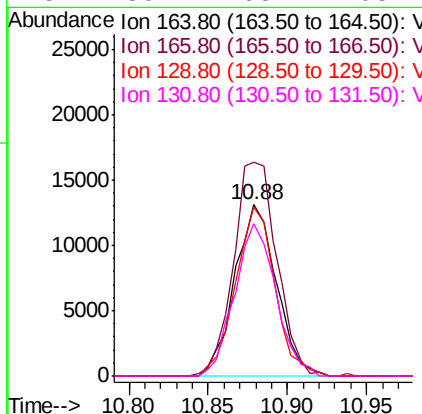
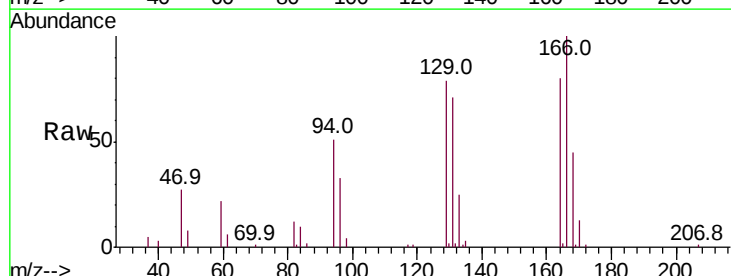
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

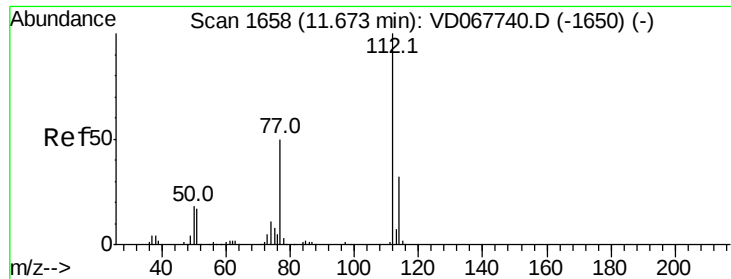
Tot Ion:117 Resp: 84346
Ion Ratio Lower Upper
117 100
82 55.3 40.2 60.4
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 36.583 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion:164 Resp: 23949
Ion Ratio Lower Upper
164 100
166 124.7 89.2 133.8
129 98.4 68.4 102.6
131 89.1 68.7 103.1

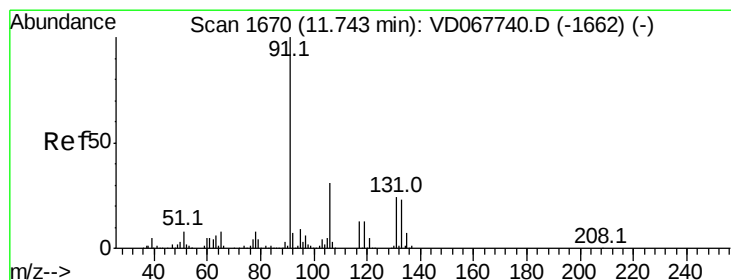
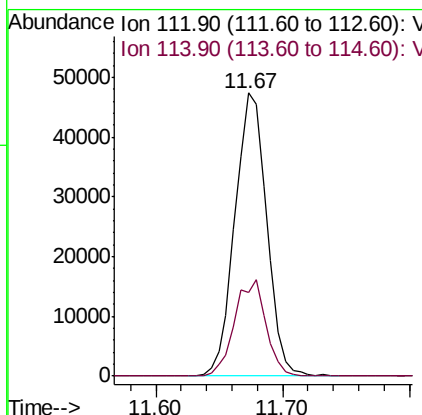
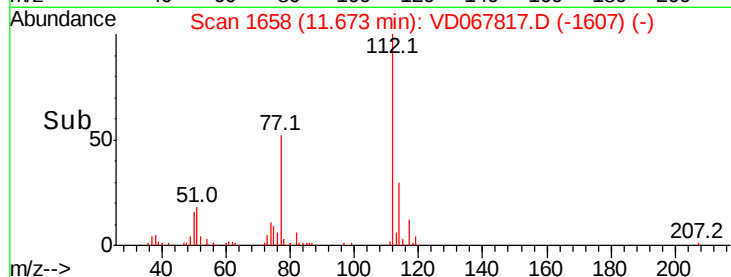
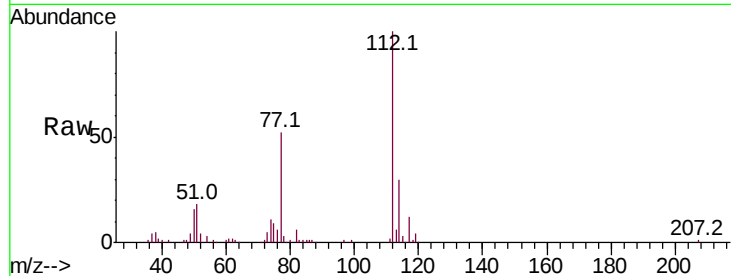




#65
Chlorobenzene
Concen: 49.646 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

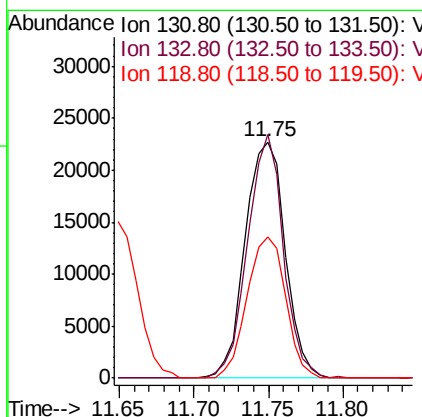
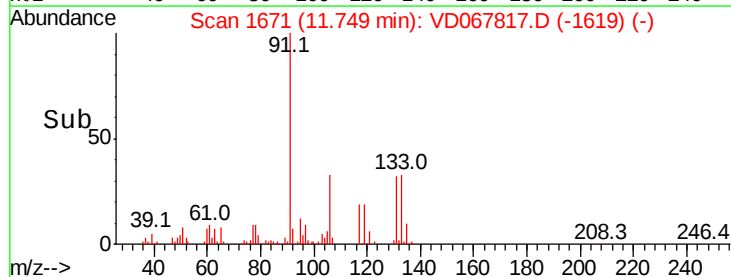
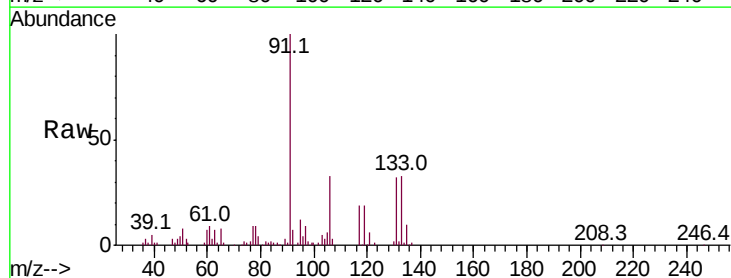
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

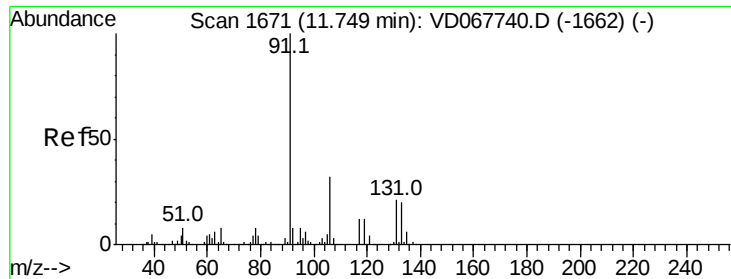
Tot Ion:112 Resp: 82301
Ion Ratio Lower Upper
112 100
114 29.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 62.649 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion:131 Resp: 42011
Ion Ratio Lower Upper
131 100
133 92.2 49.0 147.0
119 57.4 28.8 86.5





#67

Ethyl Benzene

Concen: 40.000 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

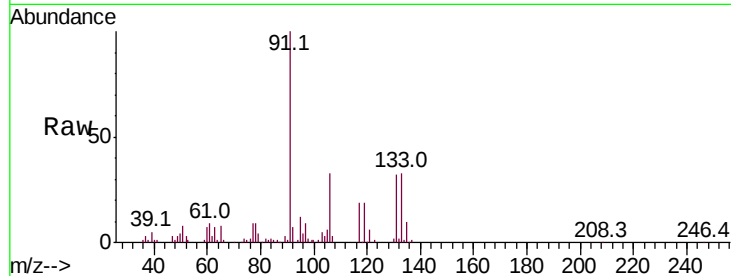
KENS-B4-112320-0-2MS

Tot Ion: 91 Resp: 114476

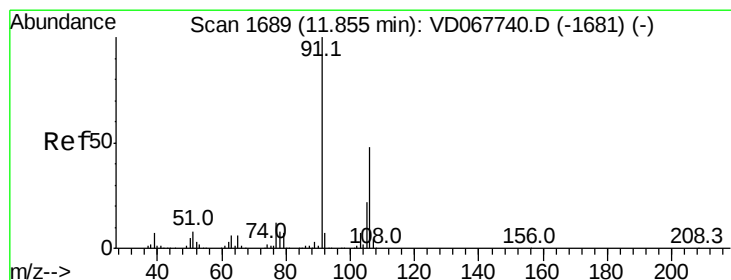
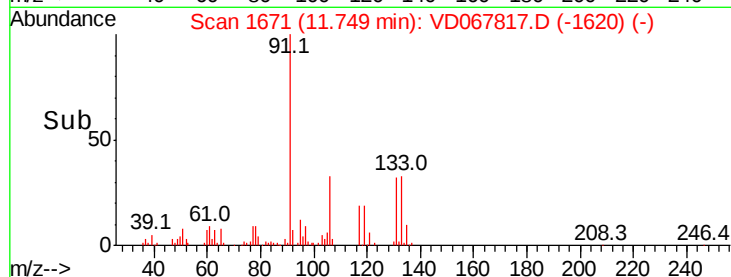
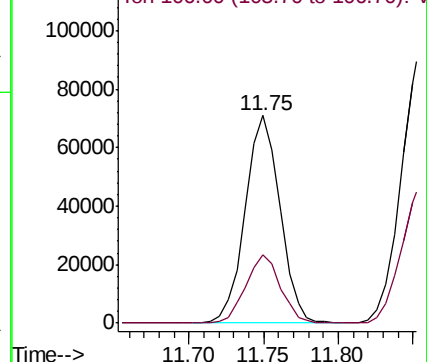
Ion Ratio Lower Upper

91 100

106 33.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VD067817.D (-1662) (-)



#68

m/p-Xylenes

Concen: 86.389 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067817.D

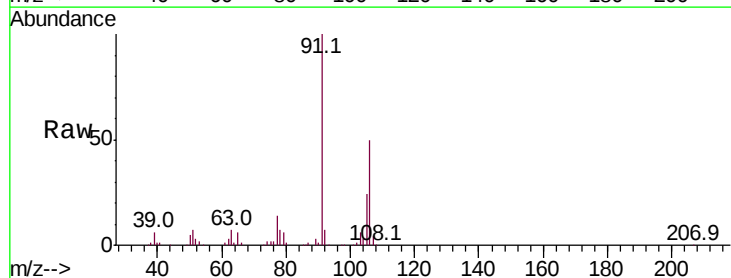
Acq: 30 Nov 2020 16:33

Tgt Ion: 106 Resp: 96211

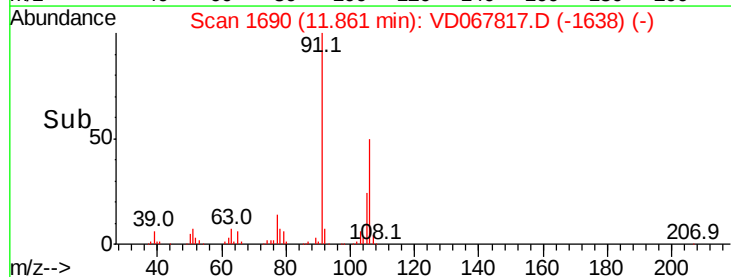
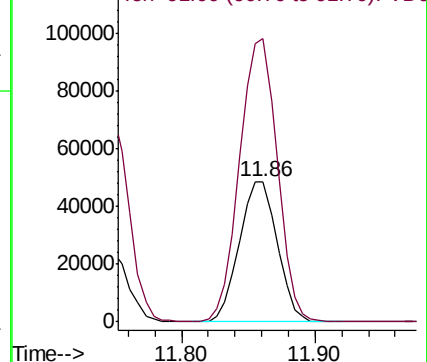
Ion Ratio Lower Upper

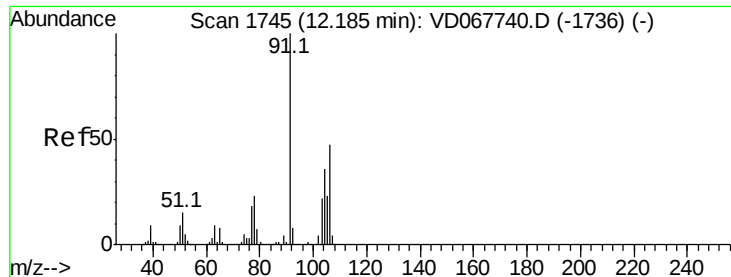
106 100

91 200.6 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VD067817.D (-1638) (-)

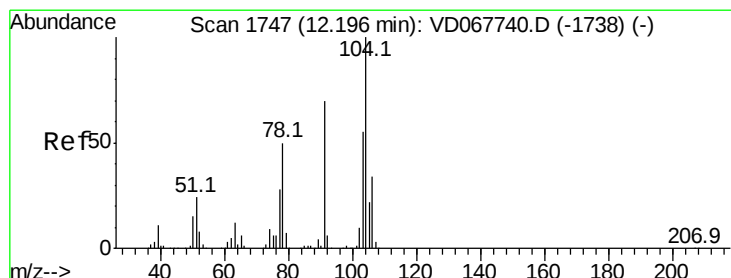
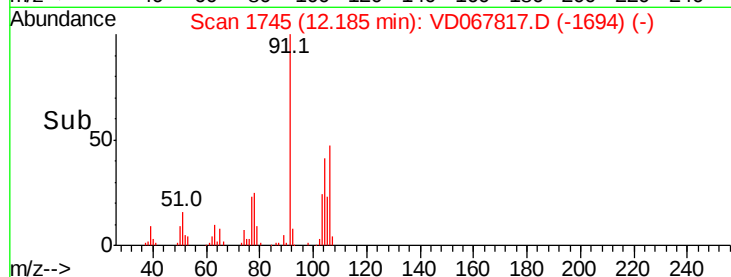
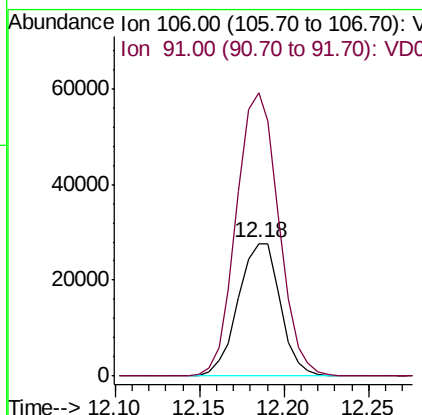
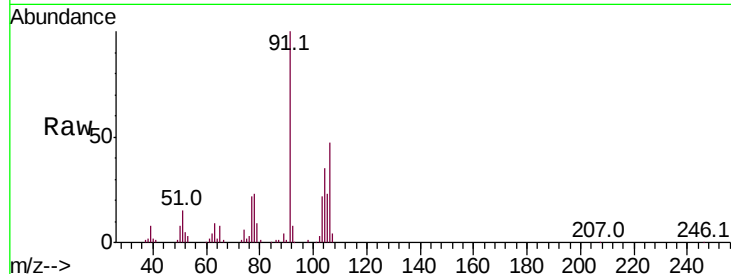




#69
o-Xylene
Concen: 47.370 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

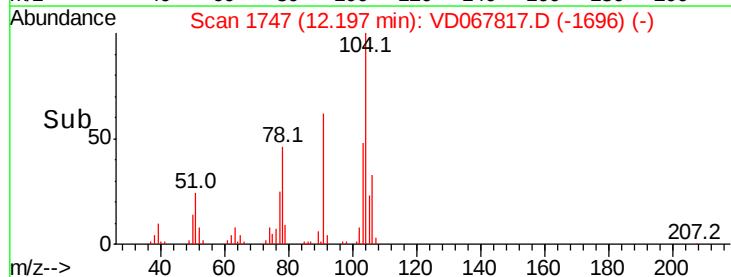
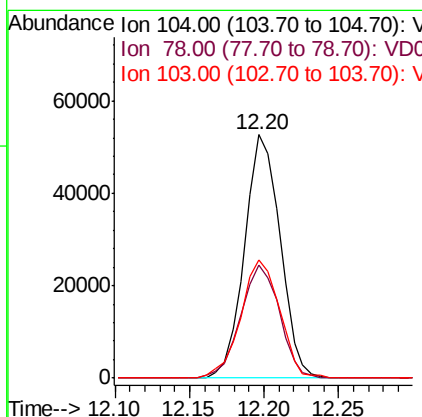
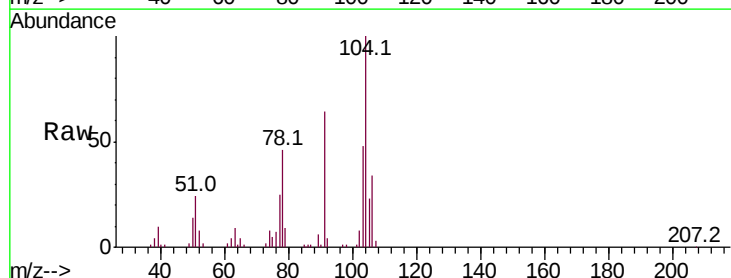
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

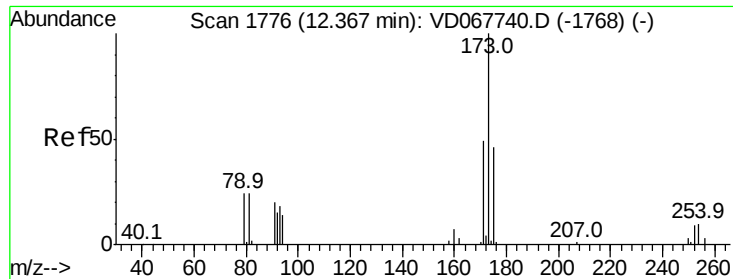
Tot Ion:106 Resp: 48033
Ion Ratio Lower Upper
106 100
91 215.2 106.2 318.6



#70
Styrene
Concen: 50.331 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion:104 Resp: 86930
Ion Ratio Lower Upper
104 100
78 50.5 41.9 62.9
103 53.1 44.1 66.1





#71

Bromoform

Concen: 92.131 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

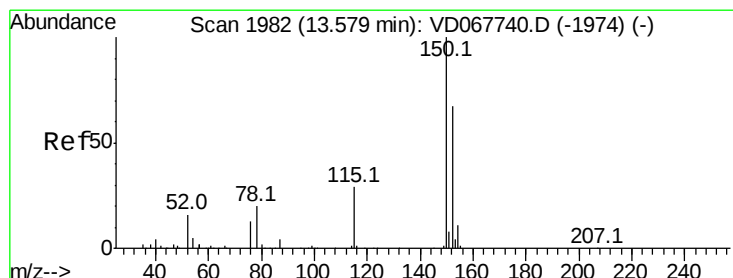
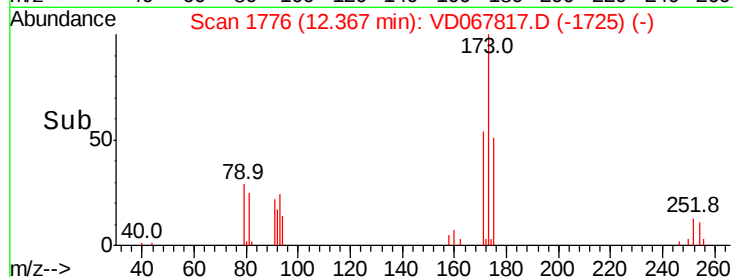
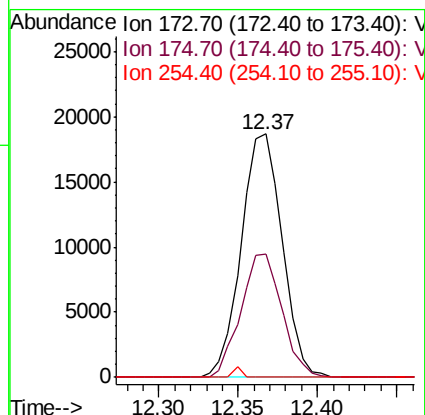
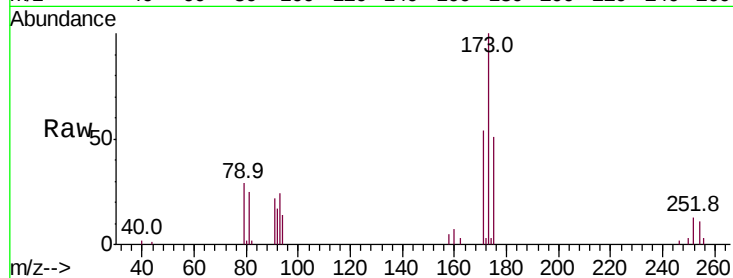
Tot Ion:173 Resp: 33538

Ion Ratio Lower Upper

173 100

175 50.7 23.9 71.7

254 0.9 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

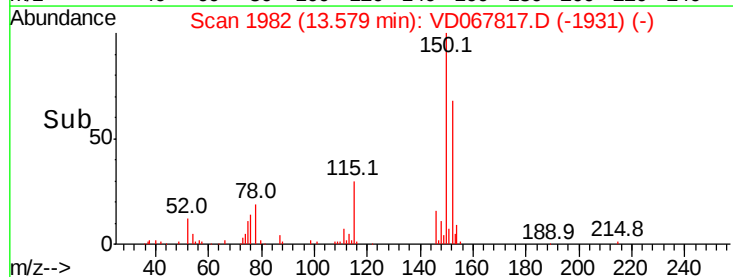
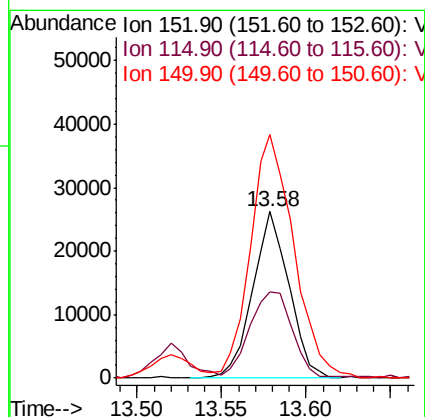
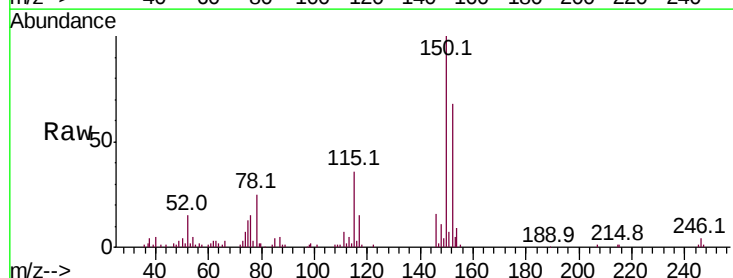
Tgt Ion:152 Resp: 39212

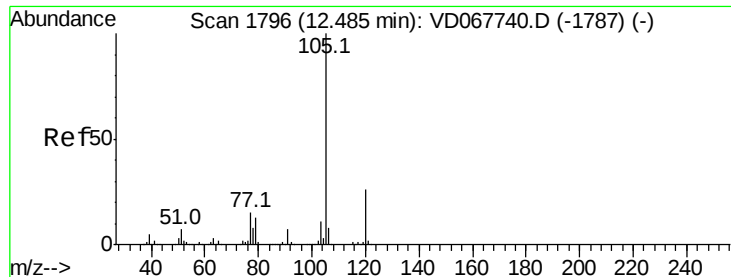
Ion Ratio Lower Upper

152 100

115 61.6 29.4 88.3

150 174.8 0.0 340.6





#73

Isopropylbenzene

Concen: 40.944 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

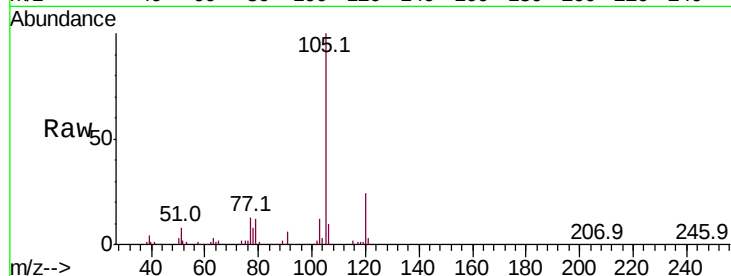
KENS-B4-112320-0-2MS

Tot Ion:105 Resp: 105635

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

80000

60000

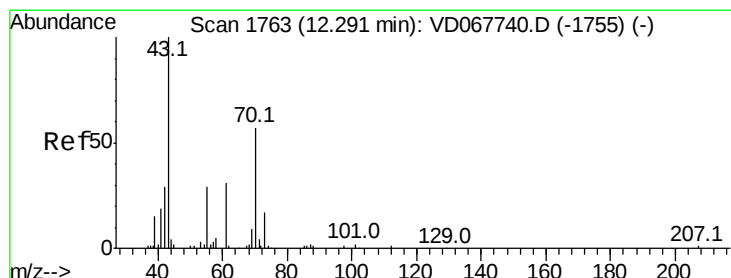
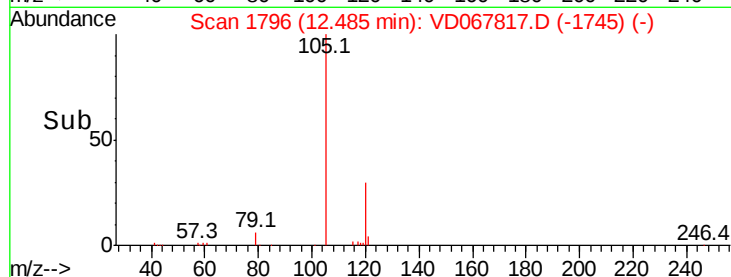
40000

20000

0

Time-->

12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 50.613 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion: 43 Resp: 17220

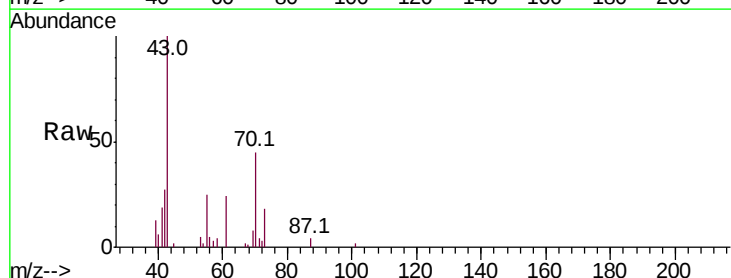
Ion Ratio Lower Upper

43 100

70 52.6 44.6 66.8

55 31.3 24.2 36.2

61 26.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

15000

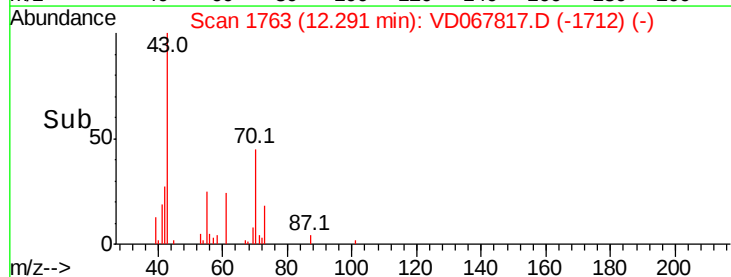
10000

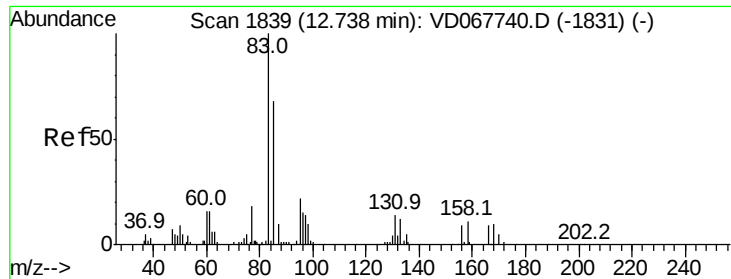
5000

0

Time-->

12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 113.037 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

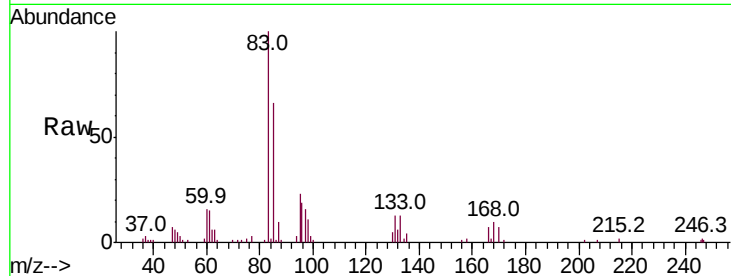
Tot Ion: 83 Resp: 39139

Ion Ratio Lower Upper

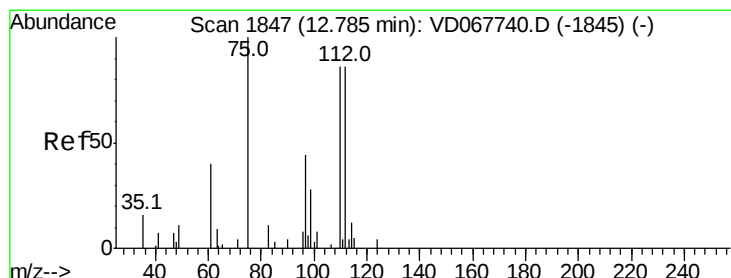
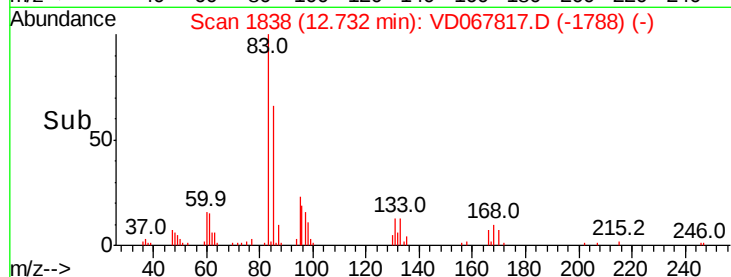
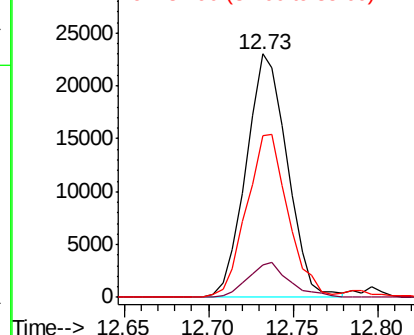
83 100

131 14.3 8.1 24.1

85 67.4 33.9 101.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 199.449 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067817.D

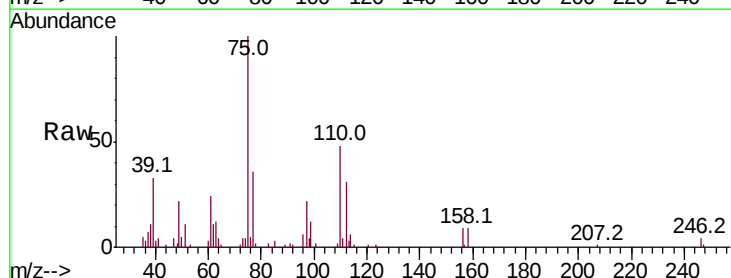
Acq: 30 Nov 2020 16:33

Tgt Ion: 75 Resp: 54507

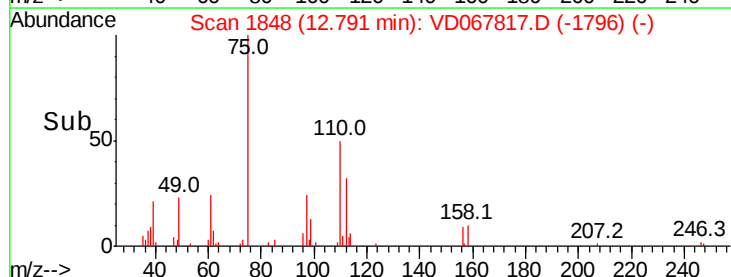
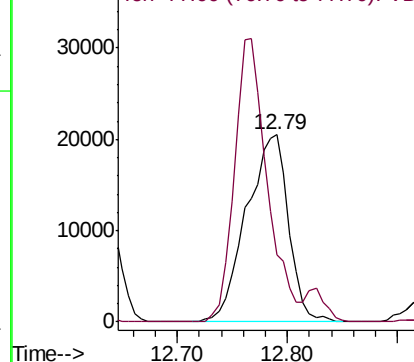
Ion Ratio Lower Upper

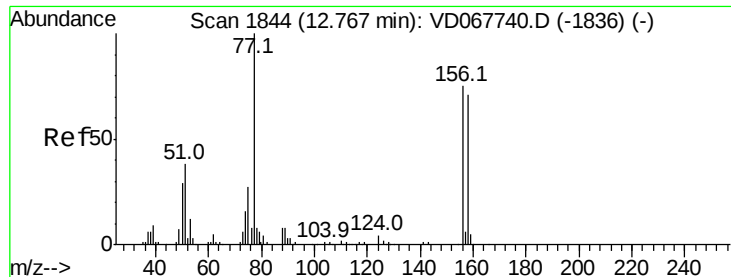
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 58.687 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

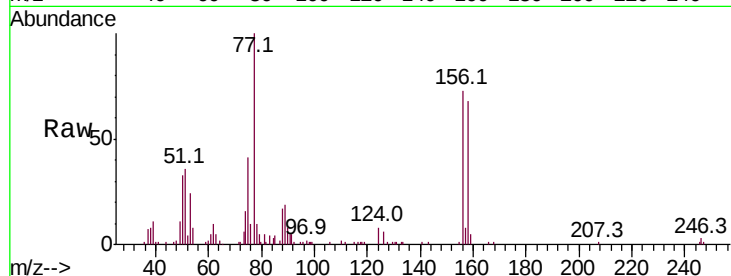
Tot Ion:156 Resp: 37902

Ion Ratio Lower Upper

156 100

77 169.8 73.5 220.3

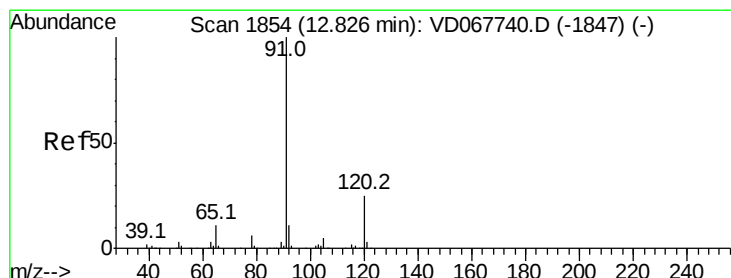
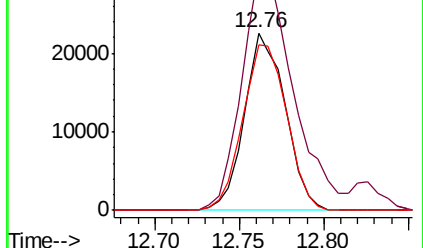
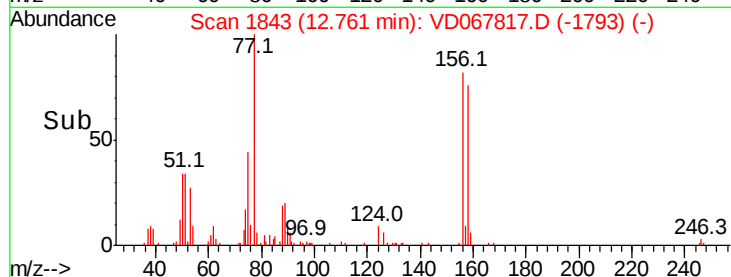
158 100.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 38.165 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067817.D

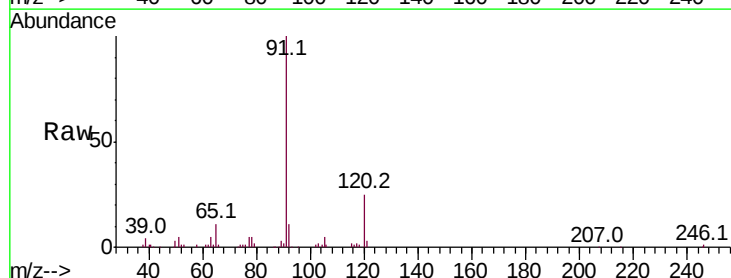
Acq: 30 Nov 2020 16:33

Tgt Ion: 91 Resp: 109548

Ion Ratio Lower Upper

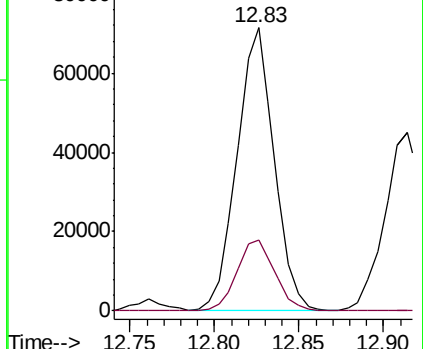
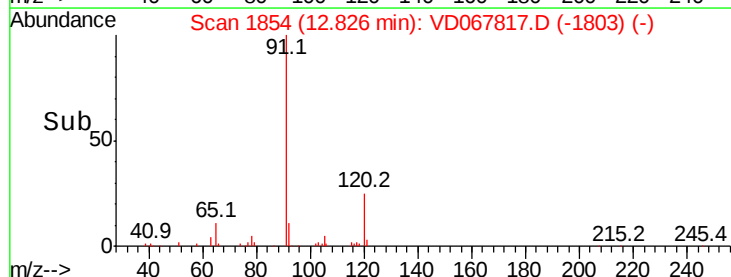
91 100

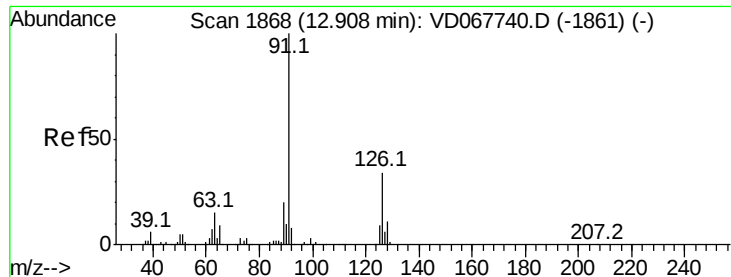
120 25.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

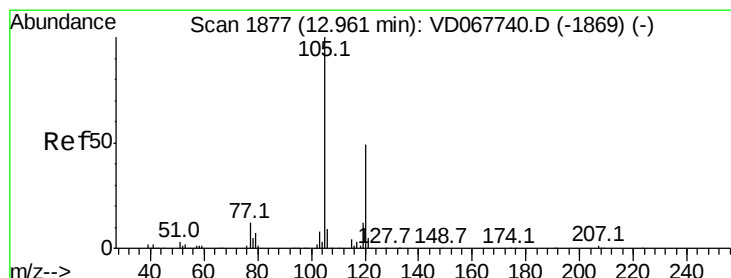
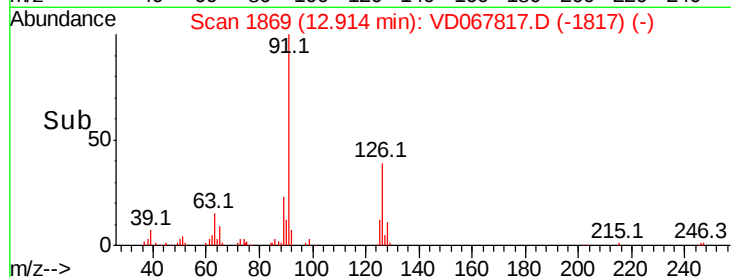
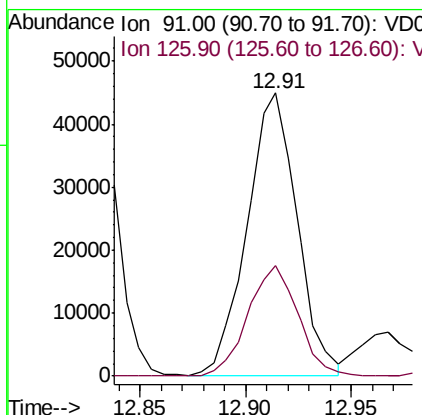
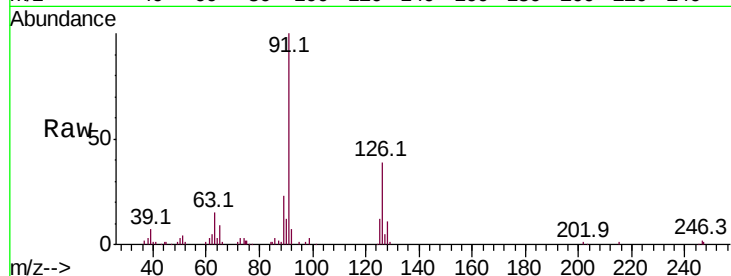




#79
 2-Chlorotoluene
 Concen: 43.646 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

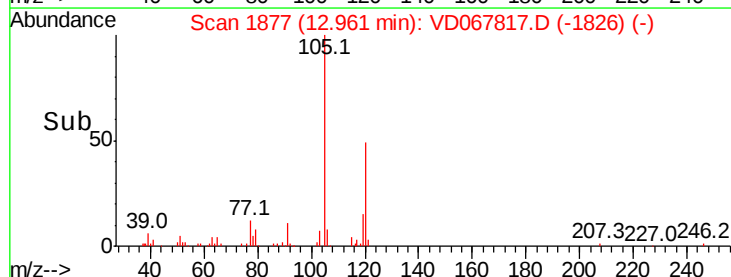
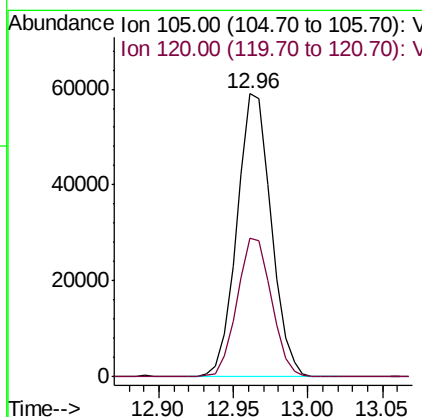
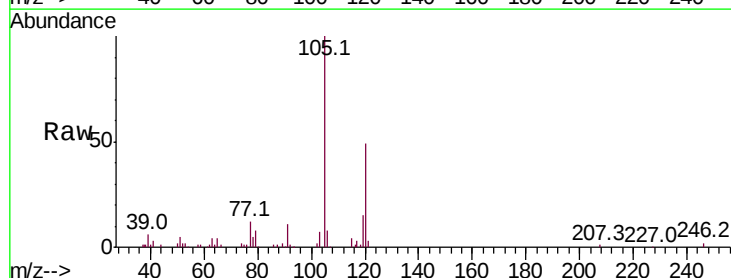
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

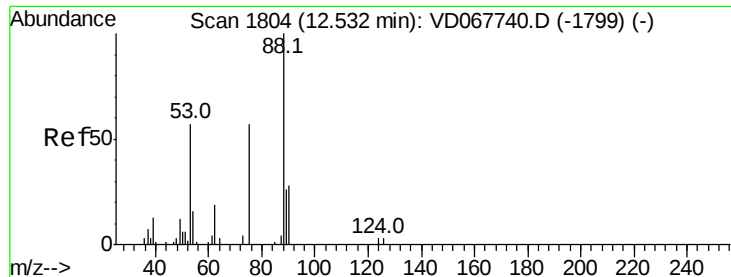
Tot Ion: 91 Resp: 74173
 Ion Ratio Lower Upper
 91 100
 126 38.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 41.918 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion: 105 Resp: 94064
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 110.489 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

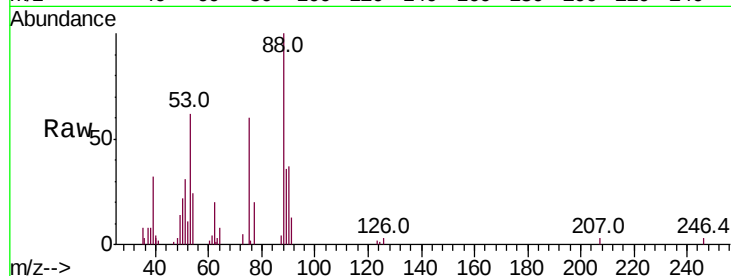
Tot Ion: 75 Resp: 12910

Ion Ratio Lower Upper

75 100

53 104.9 76.0 114.0

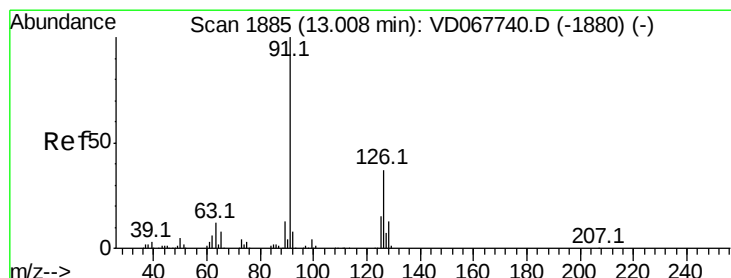
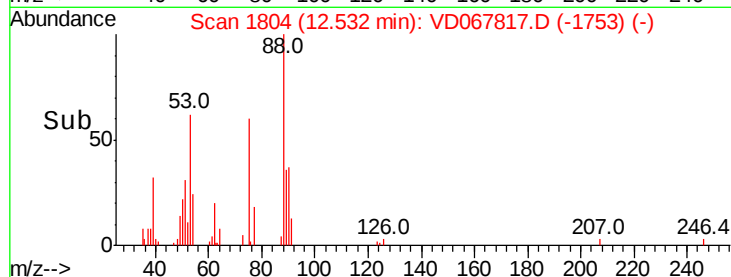
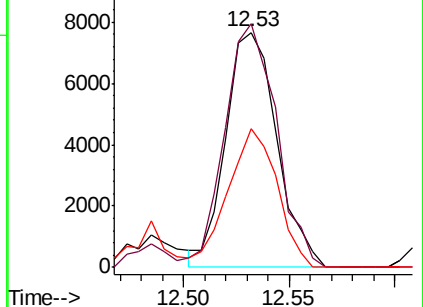
89 56.7 40.2 60.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 45.895 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067817.D

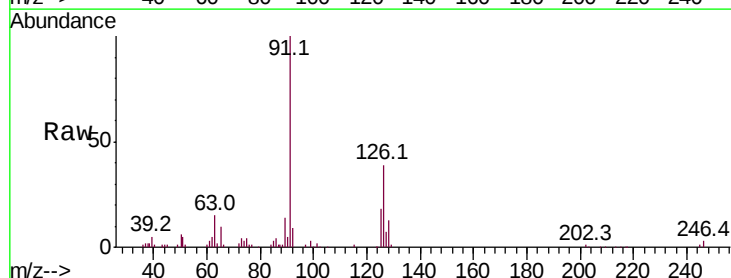
Acq: 30 Nov 2020 16:33

Tgt Ion: 91 Resp: 83107

Ion Ratio Lower Upper

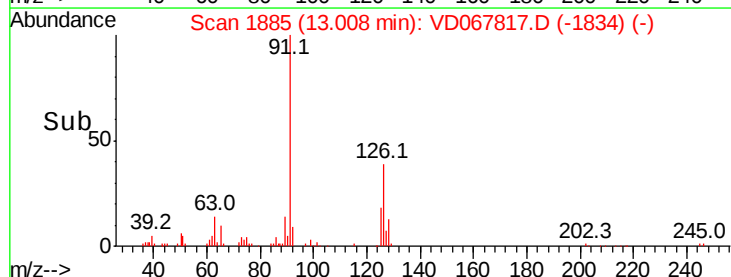
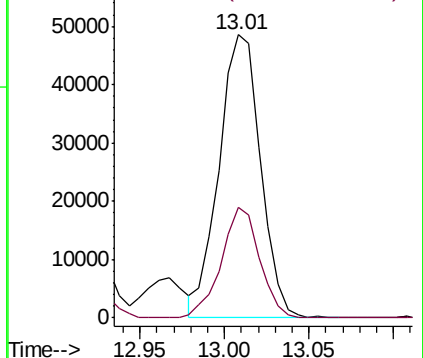
91 100

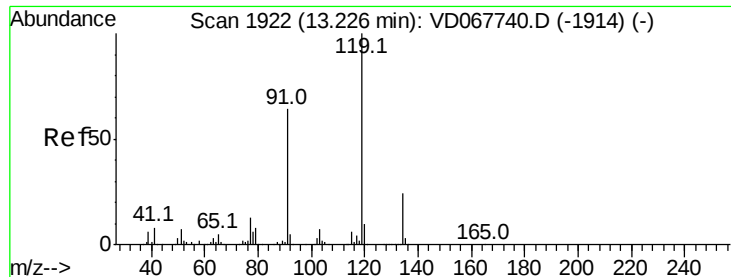
126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 36.175 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

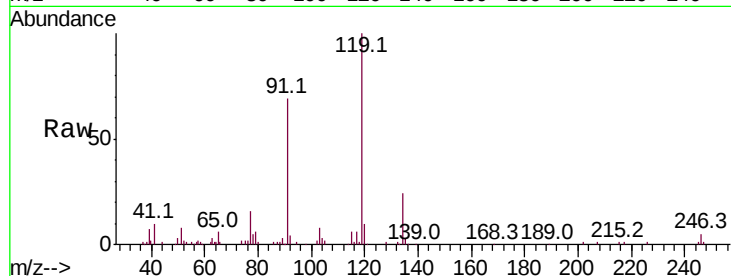
Tot Ion:119 Resp: 69755

Ion Ratio Lower Upper

119 100

91 68.1 32.9 98.7

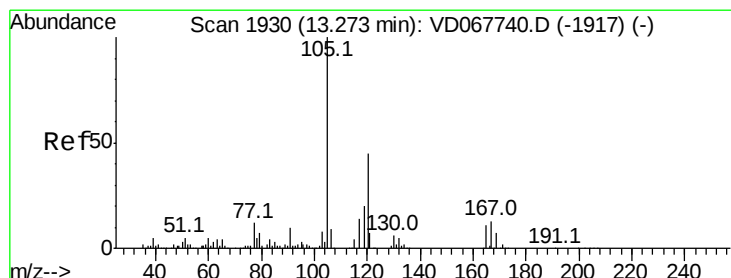
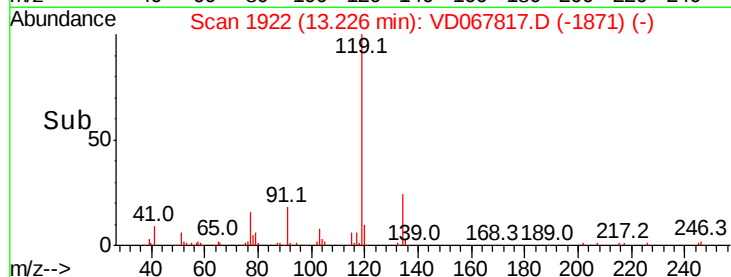
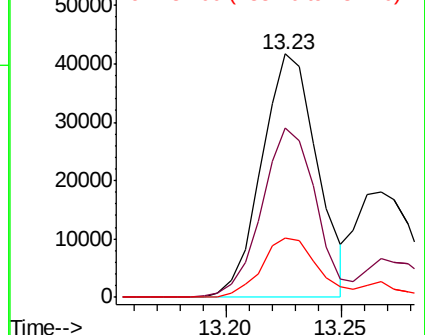
134 24.6 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 44.212 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067817.D

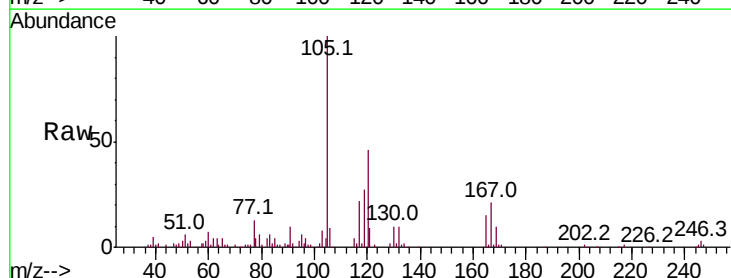
Acq: 30 Nov 2020 16:33

Tgt Ion:105 Resp: 99107

Ion Ratio Lower Upper

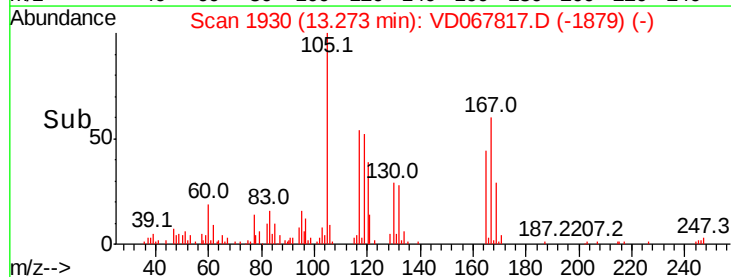
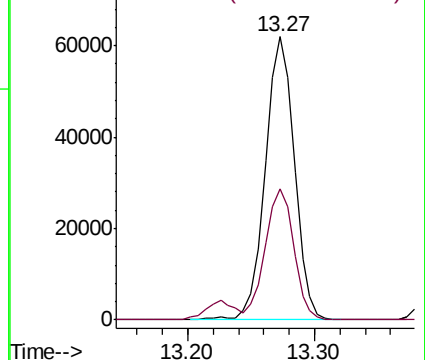
105 100

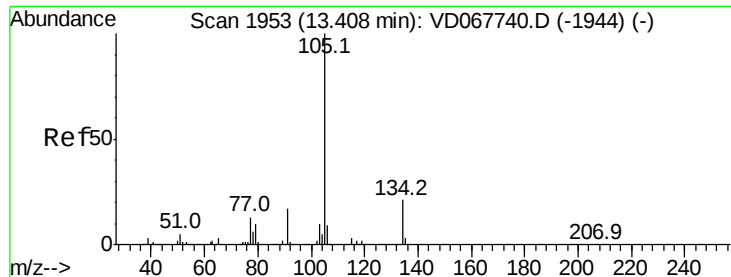
120 45.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 30.529 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

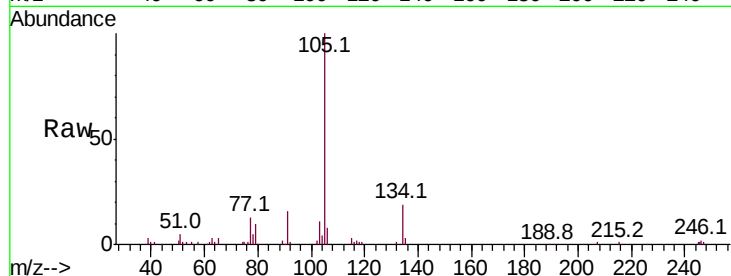
KENS-B4-112320-0-2MS

Tot Ion:105 Resp: 77337

Ion Ratio Lower Upper

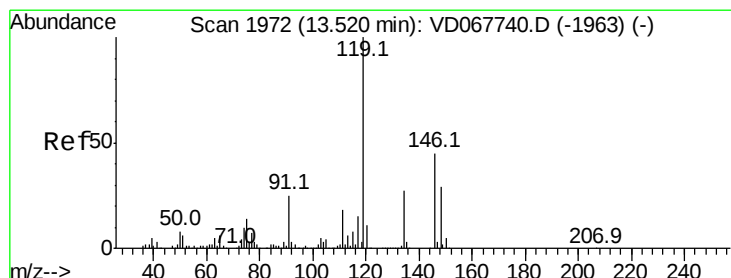
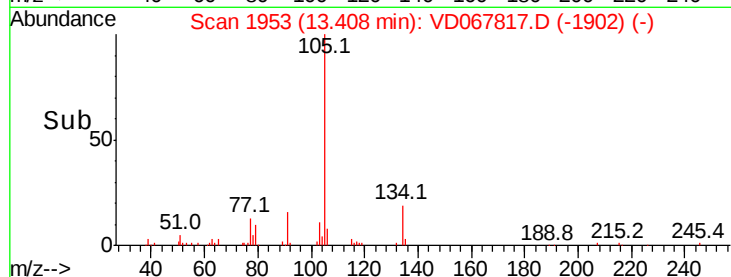
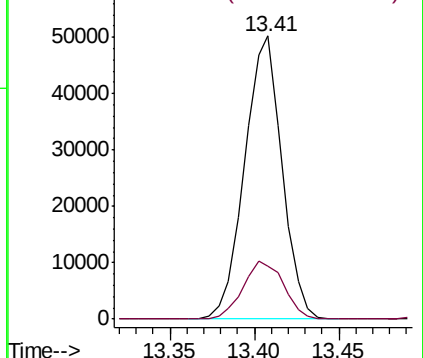
105 100

134 22.3 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 31.670 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

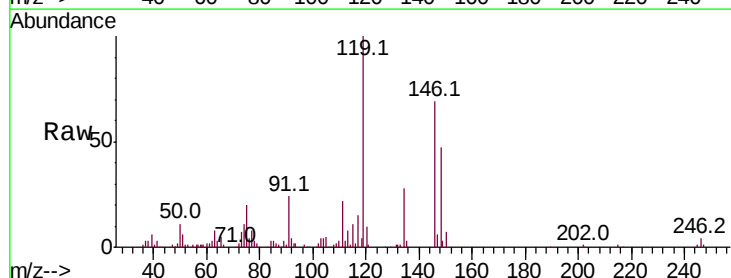
Tgt Ion:119 Resp: 77705

Ion Ratio Lower Upper

119 100

134 28.1 13.0 38.9

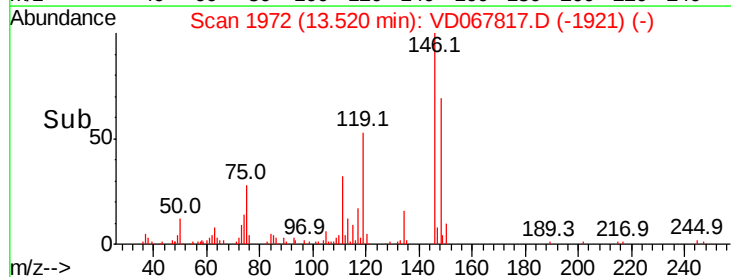
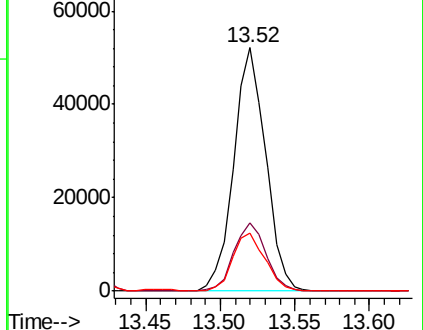
91 24.3 12.7 38.1

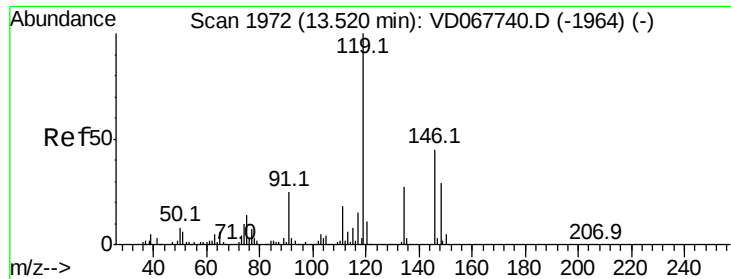


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 45.603 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

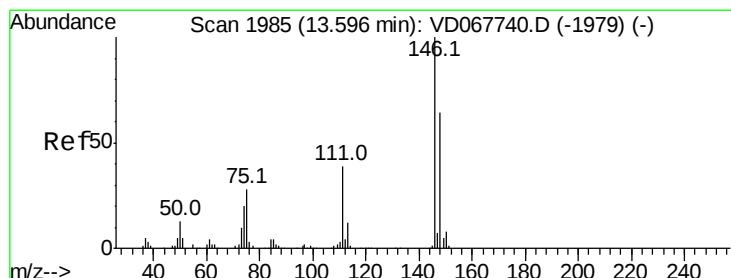
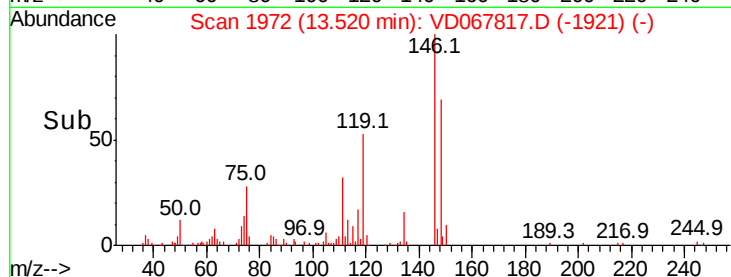
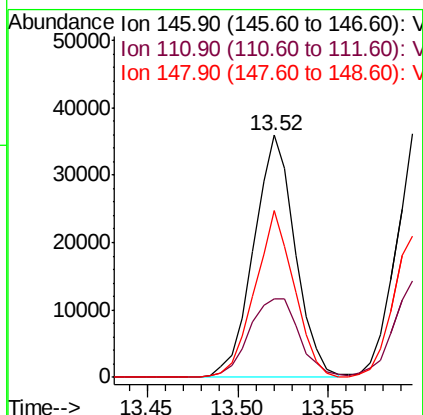
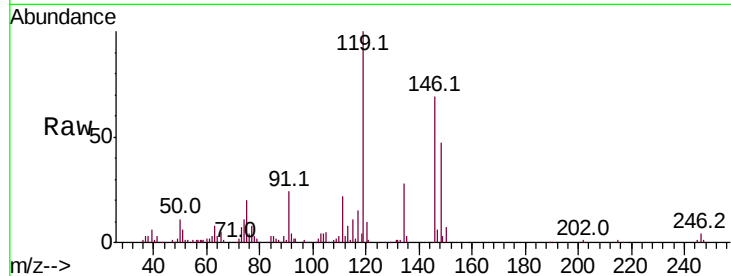
Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

Tot Ion:146 Resp: 57000

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.6
148	65.5	32.5	97.4



#88

1,4-Dichlorobenzene

Concen: 47.366 ug/l

RT: 13.60 min Scan# 1985

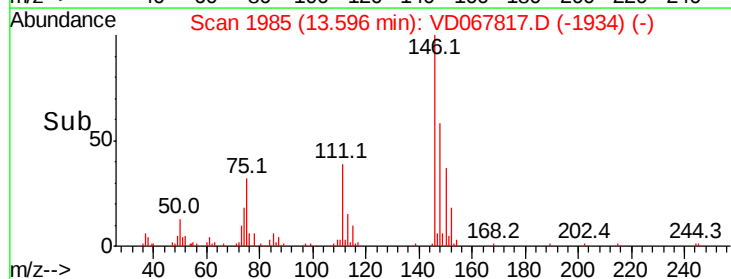
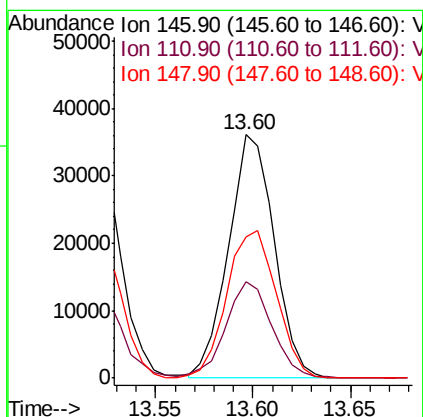
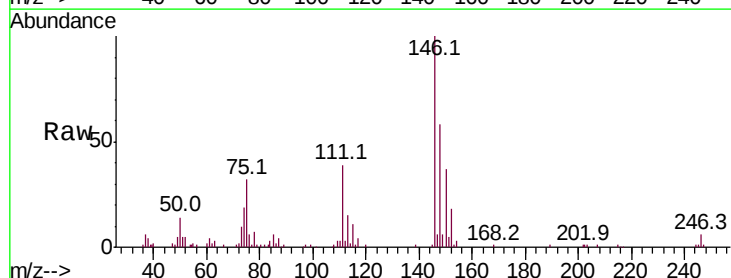
Delta R.T. 0.00 min

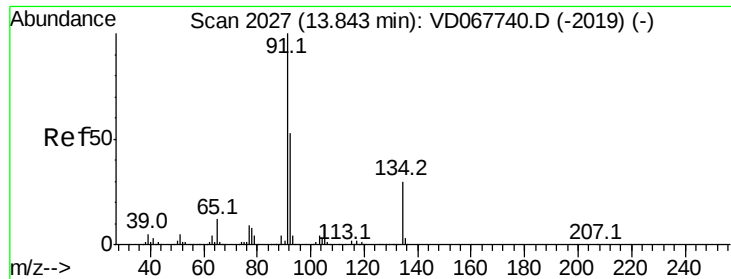
Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion:146 Resp: 58647

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.4	58.4
148	65.7	31.6	94.8

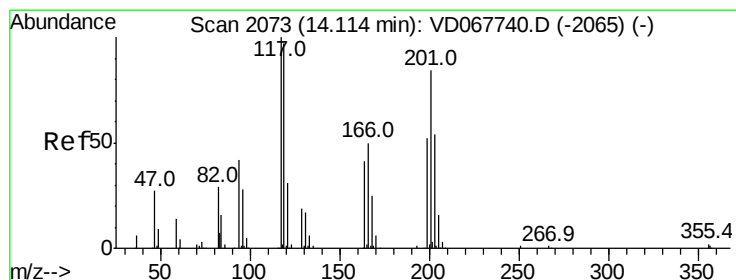
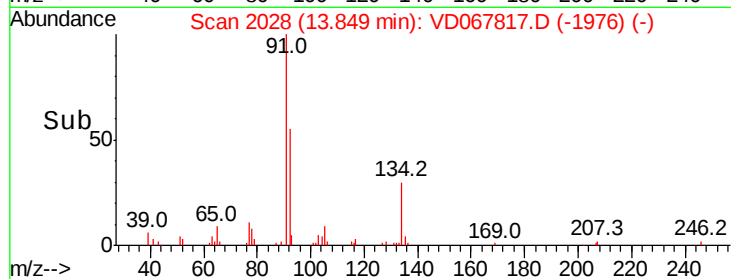
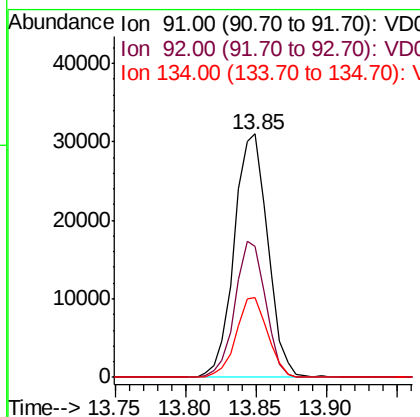
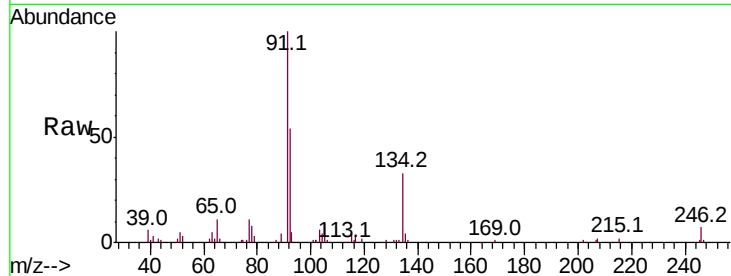




#89
n-Butylbenzene
Concen: 24.439 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

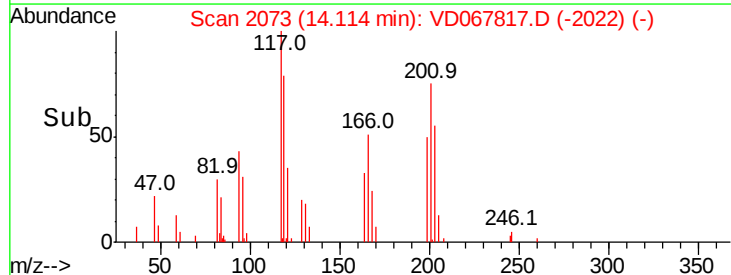
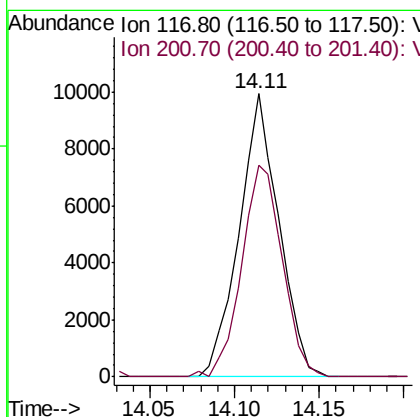
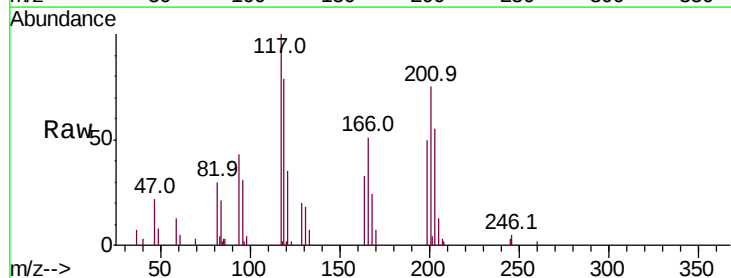
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MS

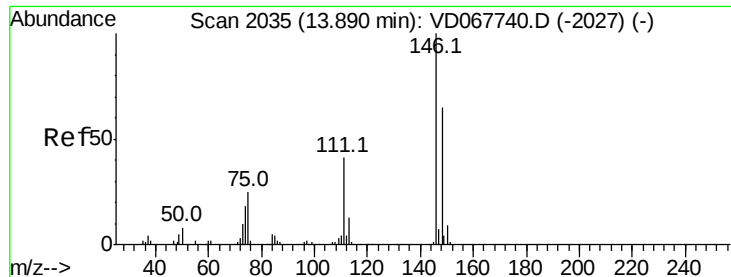
Tot Ion: 91 Resp: 51386
Ion Ratio Lower Upper
91 100
92 50.9 26.6 79.7
134 30.9 14.8 44.3



#90
Hexachloroethane
Concen: 34.711 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 117 Resp: 16213
Ion Ratio Lower Upper
117 100
201 76.4 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 52.155 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

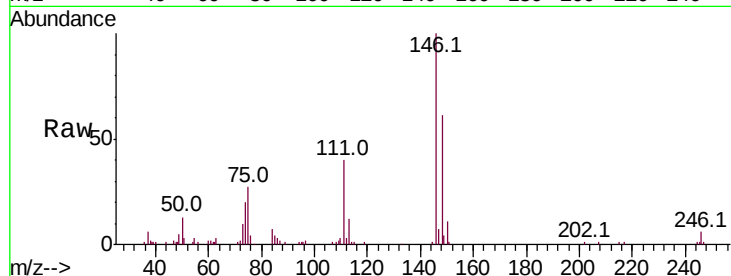
Tot Ion:146 Resp: 56157

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.5

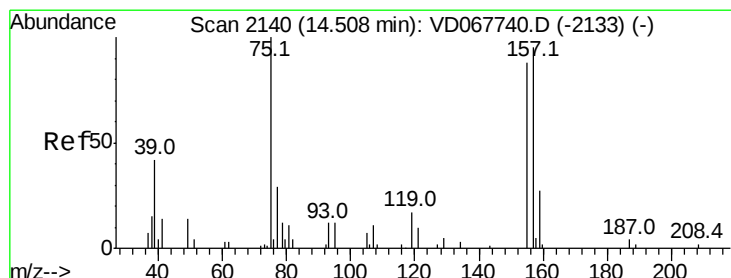
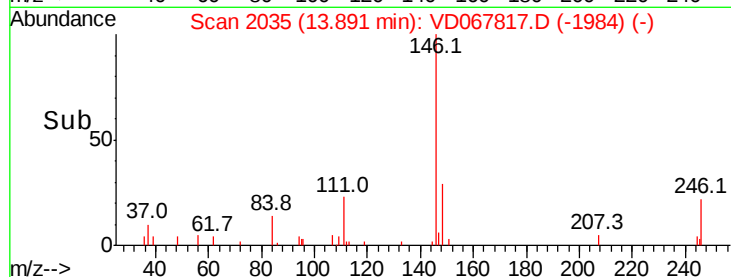
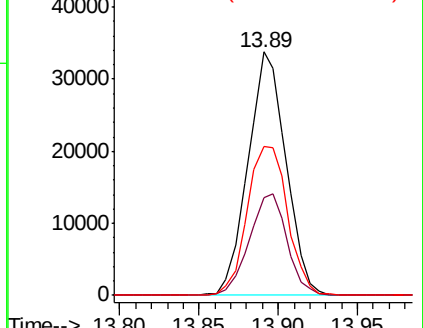
148 65.2 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 123.618 ug/l

RT: 14.50 min Scan# 2139

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

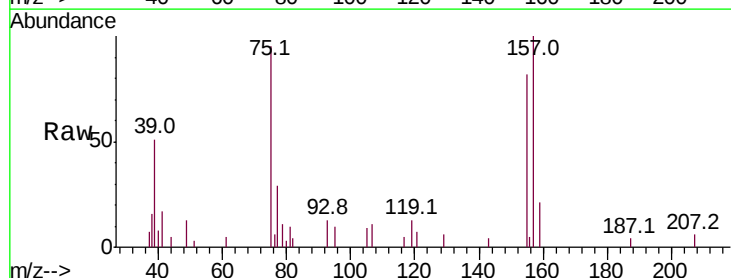
Tgt Ion: 75 Resp: 9228

Ion Ratio Lower Upper

75 100

155 97.0 41.0 123.0

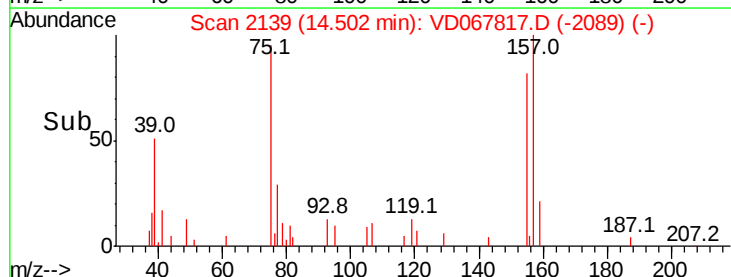
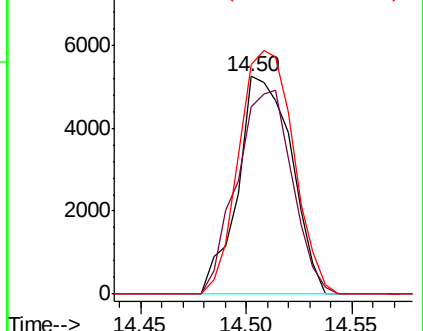
157 114.0 51.1 153.4

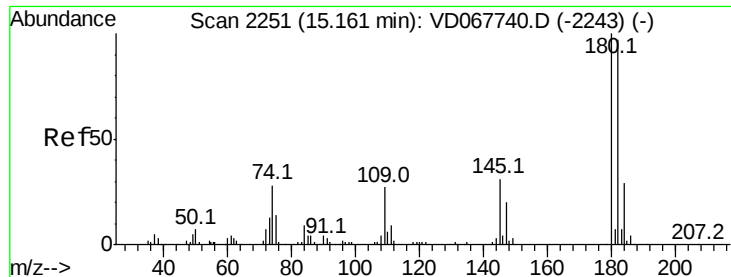


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

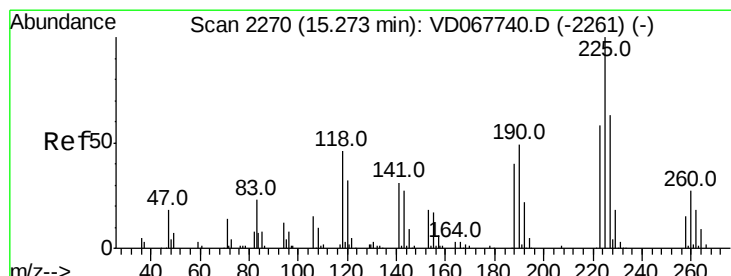
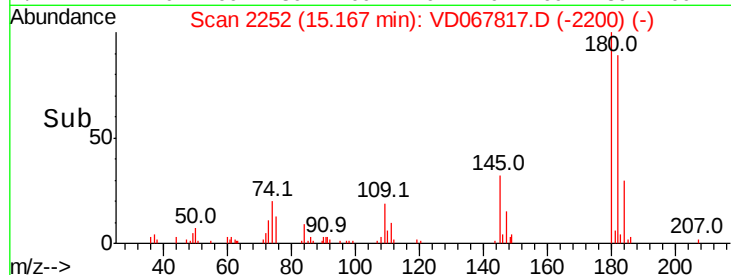
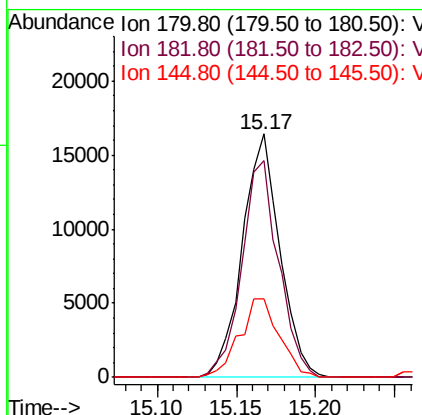
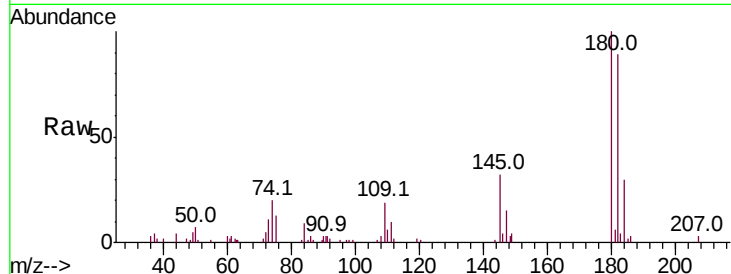




#93
 1,2,4-Trichlorobenzene
 Concen: 35.411 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

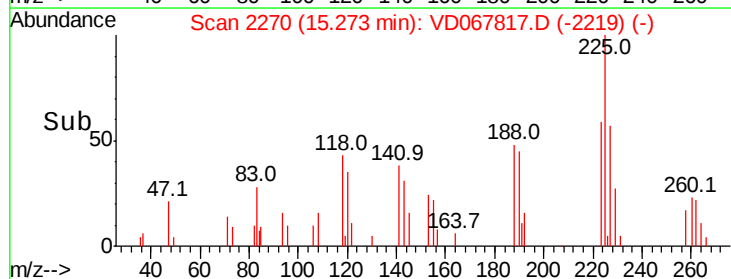
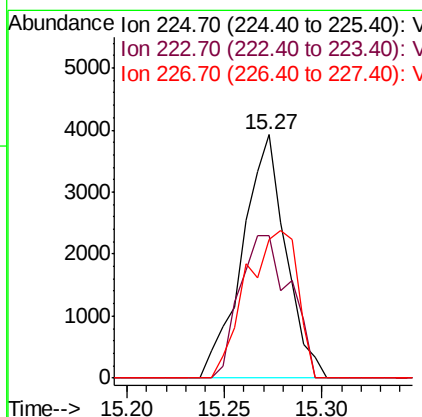
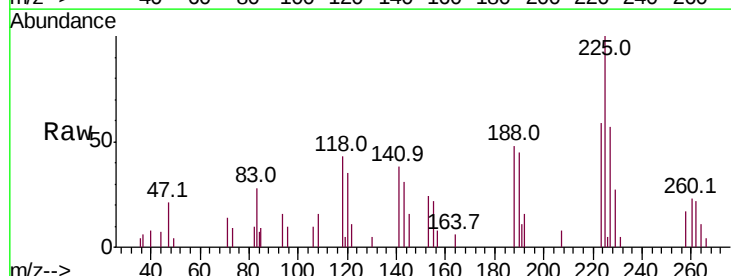
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

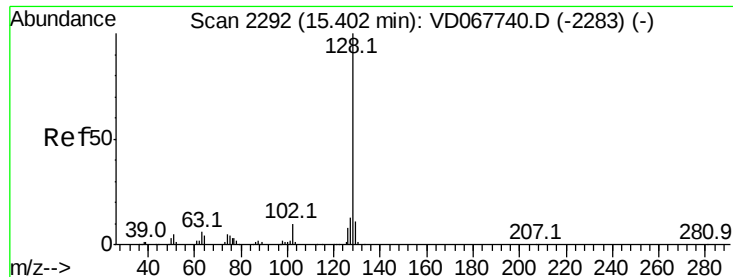
Tot Ion:180 Resp: 26997
 Ion Ratio Lower Upper
 180 100
 182 87.3 47.4 142.2
 145 34.2 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 12.406 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion:225 Resp: 6043
 Ion Ratio Lower Upper
 225 100
 223 68.0 31.5 94.5
 227 72.0 32.9 98.7





#95

Naphthalene

Concen: 70.655 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

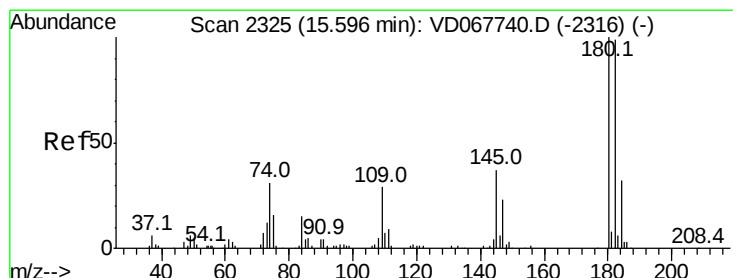
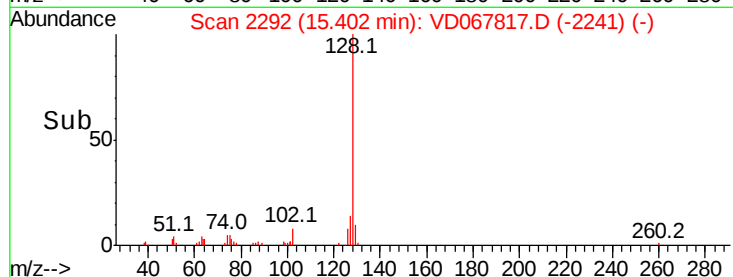
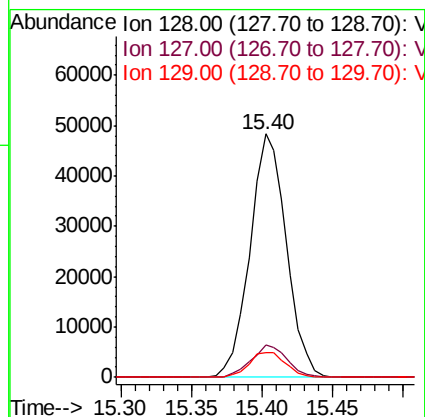
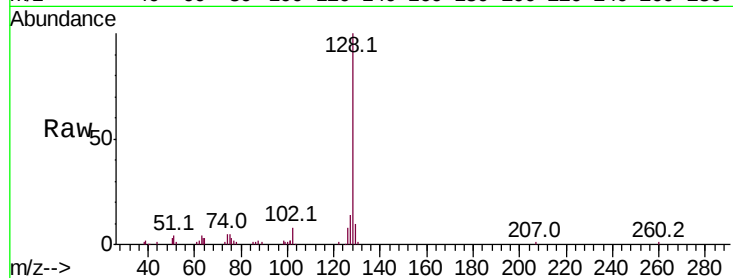
Tot Ion:128 Resp: 87177

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 37.561 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion:180 Resp: 24392

Ion Ratio Lower Upper

180 100

182 98.2 48.0 144.0

145 34.2 16.8 50.4

