

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067843.D
 Acq On : 02 Dec 2020 18:41
 Operator : VA/SY
 Sample : L4880-05MSD
 Misc : 4.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 03 00:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	199061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	281968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	240581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	99001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	100903	47.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.44%
35) Dibromofluoromethane	7.92	113	94616	50.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.30%
50) Toluene-d8	10.34	98	334428	49.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.48%
62) 4-Bromofluorobenzene	12.63	95	98339	41.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.76%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	89244	51.516	ug/l	99
3) Chloromethane	2.21	50	42732	42.741	ug/l	98
4) Vinyl Chloride	2.35	62	64046	50.864	ug/l	90
5) Bromomethane	2.77	94	76160	67.755	ug/l	96
6) Chloroethane	2.93	64	41268	50.338	ug/l	100
7) Trichlorofluoromethane	3.28	101	185190	48.064	ug/l	97
8) Diethyl Ether	3.71	74	34794	46.332	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	80301	45.704	ug/l	98
10) Methyl Iodide	4.30	142	68368	36.712	ug/l	99
11) Tert butyl alcohol	5.22	59	18310	141.809	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	79759	48.353	ug/l	94
13) Acrolein	3.92	56	7049	85.836	ug/l	86
14) Allyl chloride	4.72	41	76047	49.835	ug/l	96
15) Acrylonitrile	5.42	53	50203	192.794	ug/l	99
16) Acetone	4.16	43	43400	164.352	ug/l	94
17) Carbon Disulfide	4.41	76	214118	46.493	ug/l	96
18) Methyl Acetate	4.71	43	59509	121.115	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	164800	46.658	ug/l	99
20) Methylene Chloride	4.97	84	90685	53.285	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	90911	48.434	ug/l	95
22) Diisopropyl ether	6.37	45	150990	49.196	ug/l	93
23) Vinyl Acetate	6.31	43	70314	41.182	ug/l	98
24) 1,1-Dichloroethane	6.27	63	134692	50.064	ug/l	98
25) 2-Butanone	7.21	43	53050	191.000	ug/l	98
26) 2,2-Dichloropropane	7.21	77	155262	48.395	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	100937	49.164	ug/l	99
28) Bromochloromethane	7.55	49	41913	49.067	ug/l	96
29) Tetrahydrofuran	7.57	42	31997	202.326	ug/l	97
30) Chloroform	7.71	83	177726	49.431	ug/l	98
31) Cyclohexane	7.99	56	91152	40.486	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	183385	48.318	ug/l	99
36) 1,1-Dichloropropene	8.11	75	115446	47.295	ug/l	99
37) Ethyl Acetate	7.30	43	16810	25.552	ug/l #	82
38) Carbon Tetrachloride	8.10	117	172419	46.685	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	93099	32.184	ug/l	99
40) Benzene	8.36	78	325587	48.746	ug/l	99
41) Methacrylonitrile	7.57	41	36912	124.852	ug/l #	25
42) 1,2-Dichloroethane	8.43	62	109670	46.070	ug/l	100
43) Isopropyl Acetate	8.46	43	38468	29.718	ug/l #	58
44) Trichloroethene	9.11	130	108093	47.070	ug/l	94
45) 1,2-Dichloropropane	9.39	63	64938	47.370	ug/l	89
46) Dibromomethane	9.48	93	41019	43.036	ug/l	92
47) Bromodichloromethane	9.67	83	128546	47.308	ug/l	100
48) Methyl methacrylate	9.46	41	34271	52.139	ug/l	94
49) 1,4-Dioxane	9.46	88	9016	827.841	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	124988	204.012	ug/l	98
52) Toluene	10.41	92	219658	47.038	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	102078	43.525	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	121367	47.575	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	55670	42.679	ug/l	96
56) Ethyl methacrylate	10.67	69	33068	24.917	ug/l #	73
57) 1,3-Dichloropropane	10.95	76	90676	43.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	144259	238.883	ug/l	100
59) 2-Hexanone	10.98	43	79473	184.014	ug/l	98
60) Dibromochloromethane	11.14	129	87758	44.632	ug/l	98
61) 1,2-Dibromoethane	11.25	107	52203	40.698	ug/l	98
64) Tetrachloroethene	10.88	164	83196	42.395	ug/l	98
65) Chlorobenzene	11.67	112	226866	45.701	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	101051	49.909	ug/l	94
67) Ethyl Benzene	11.75	91	397400	46.994	ug/l	95
68) m/p-Xylenes	11.86	106	305089	91.497	ug/l	100
69) o-Xylene	12.18	106	139831	47.237	ug/l	99
70) Styrene	12.20	104	228757	44.442	ug/l	99
71) Bromoform	12.37	173	46899	43.759	ug/l #	99
73) Isopropylbenzene	12.48	105	364029	53.469	ug/l	98
74) N-amyl acetate	12.29	43	22356	26.546	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	46042	51.223	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	68170	94.555	ug/l #	1
77) Bromobenzene	12.77	156	88290	52.163	ug/l	97
78) n-propylbenzene	12.83	91	360188	47.733	ug/l	99
79) 2-Chlorotoluene	12.91	91	216517	48.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	293995	49.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	14770	49.006	ug/l #	93
82) 4-Chlorotoluene	13.01	91	224551	47.419	ug/l	100
83) tert-Butylbenzene	13.23	119	244805	48.804	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	285485	48.704	ug/l	98
85) sec-Butylbenzene	13.41	105	265580	39.669	ug/l	99
86) p-Isopropyltoluene	13.52	119	264734	40.346	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	136830	41.908	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	135302	41.422	ug/l	99
89) n-Butylbenzene	13.85	91	165214	30.307	ug/l	99
90) Hexachloroethane	14.11	117	49829	41.133	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	117607	41.532	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8524	45.439	ug/l	95

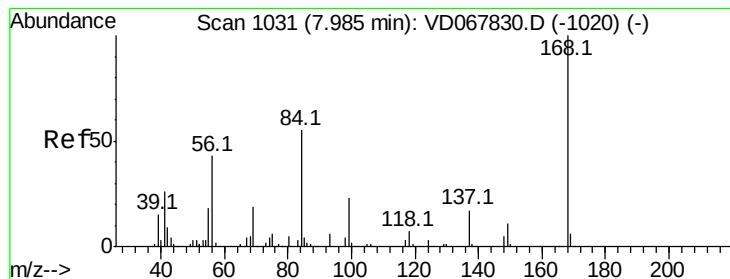
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120220\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	50551	25.521	ug/l	99
94) Hexachlorobutadiene	15.27	225	20268	15.681	ug/l	96
95) Naphthalene	15.40	128	103755	32.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	40596	23.732	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

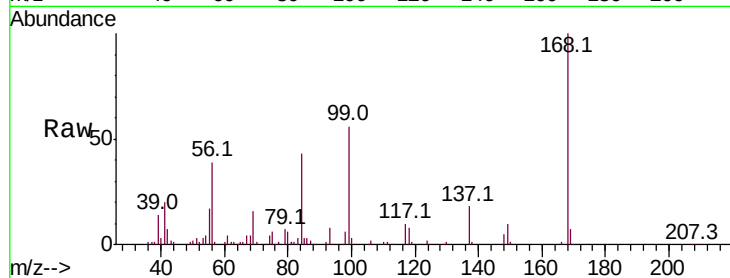
KENS-B4-112320-0-2MSD

Tot Ion:168 Resp: 199061

Ion Ratio Lower Upper

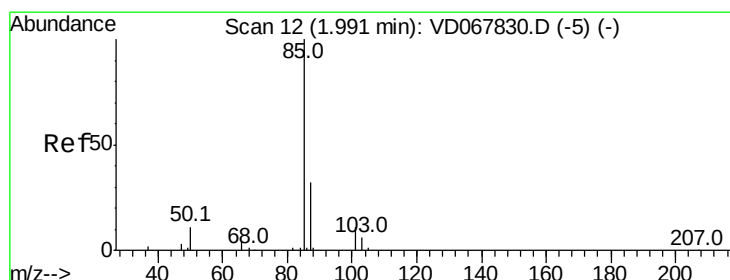
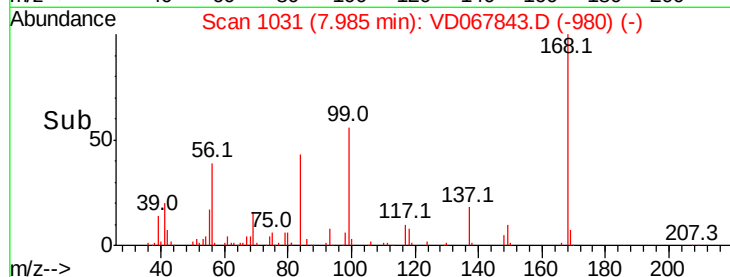
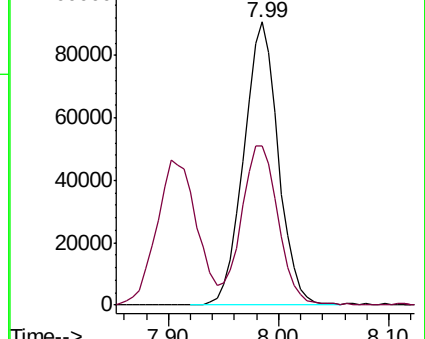
168 100

99 56.1 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 51.516 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067843.D

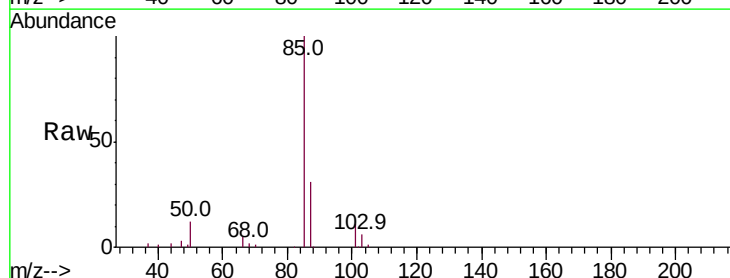
Acq: 02 Dec 2020 18:41

Tgt Ion: 85 Resp: 89244

Ion Ratio Lower Upper

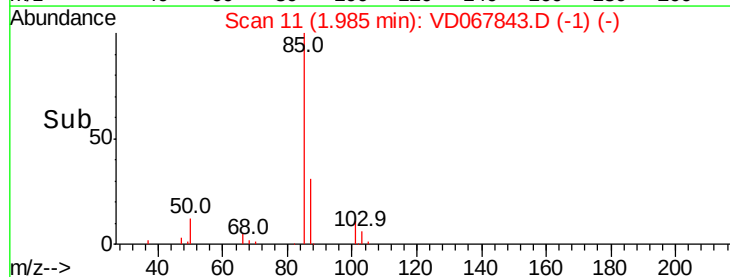
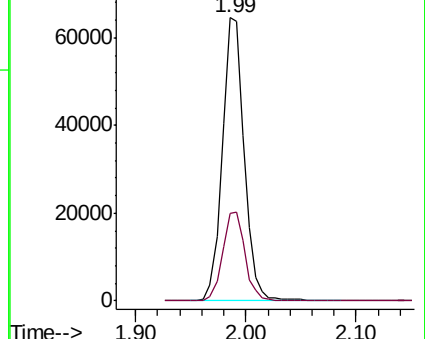
85 100

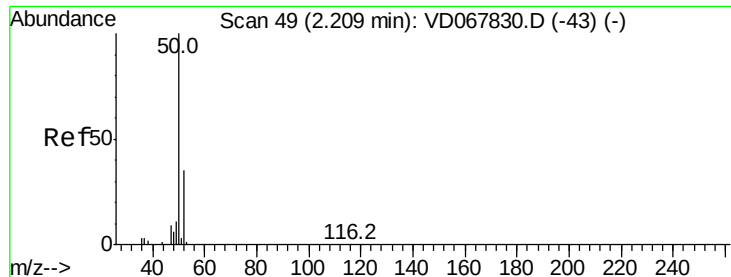
87 30.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.741 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

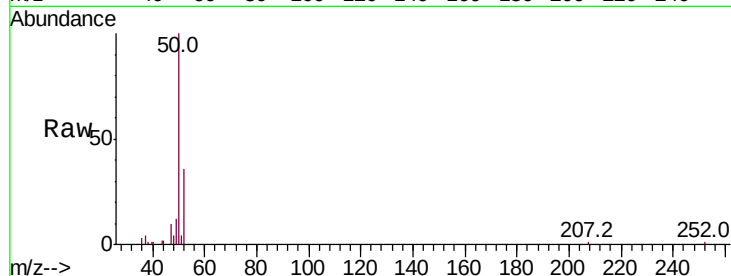
KENS-B4-112320-0-2MSD

Tot Ion: 50 Resp: 42732

Ion Ratio Lower Upper

50 100

52 35.7 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

30000

20000

10000

0

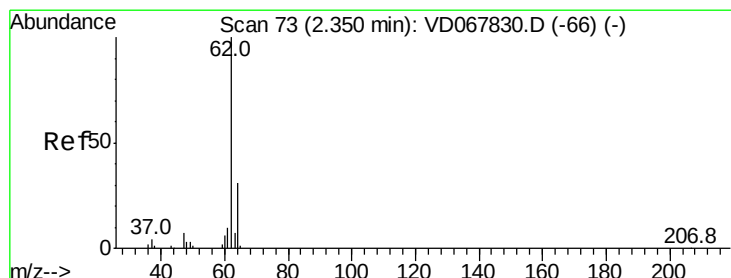
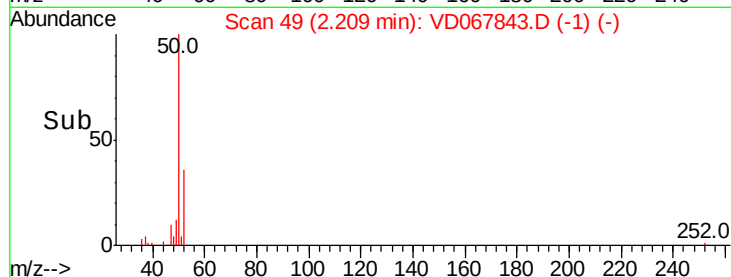
Time-->

2.15

2.20

2.25

2.30



#4

Vinyl Chloride

Concen: 50.864 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067843.D

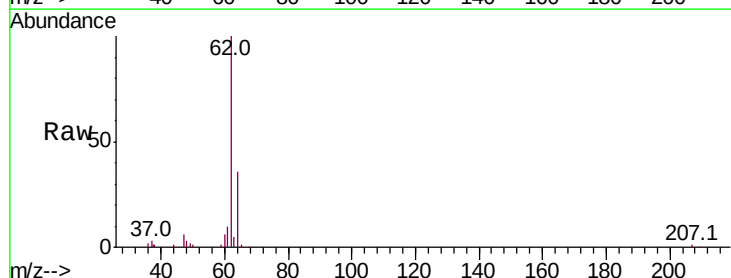
Acq: 02 Dec 2020 18:41

Tgt Ion: 62 Resp: 64046

Ion Ratio Lower Upper

62 100

64 36.2 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

30000

20000

10000

0

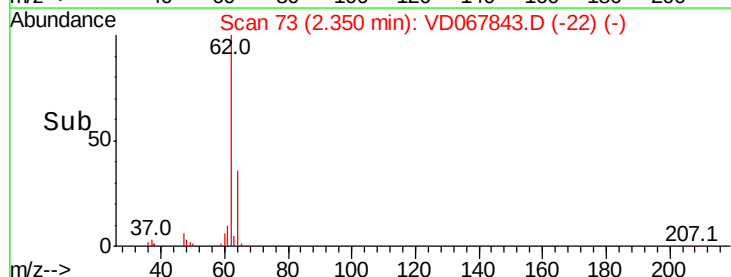
Time-->

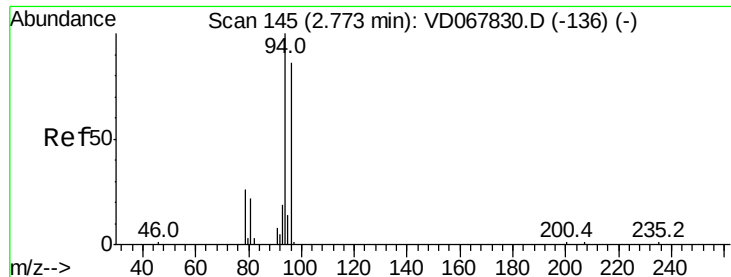
2.30

2.35

2.40

2.45





#5

Bromomethane

Concen: 67.755 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

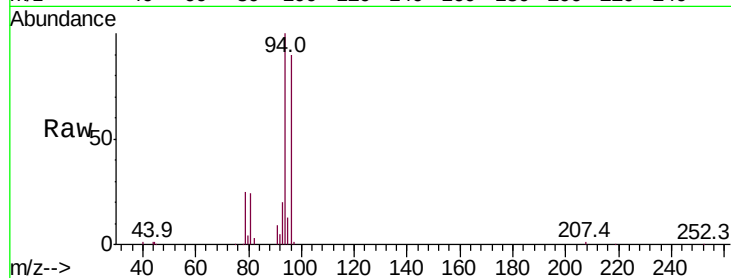
KENS-B4-112320-0-2MSD

Tot Ion: 94 Resp: 76160

Ion Ratio Lower Upper

94 100

96 89.5 68.7 103.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

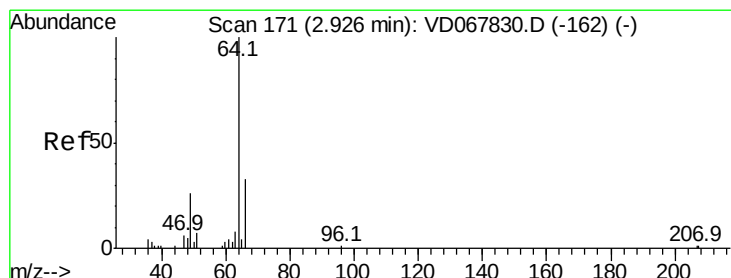
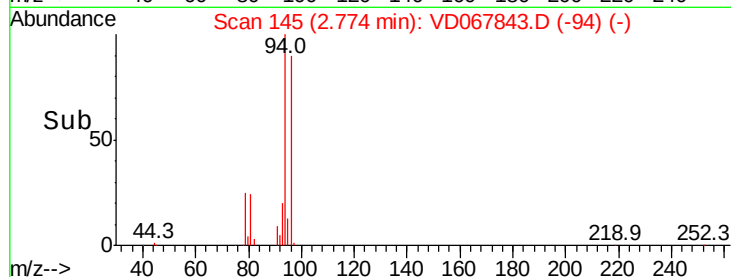
30000

20000

10000

0

Time--> 2.70 2.80 2.90



#6

Chloroethane

Concen: 50.338 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067843.D

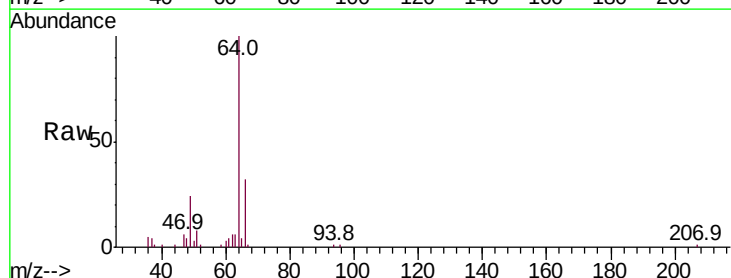
Acq: 02 Dec 2020 18:41

Tgt Ion: 64 Resp: 41268

Ion Ratio Lower Upper

64 100

66 32.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

25000

20000

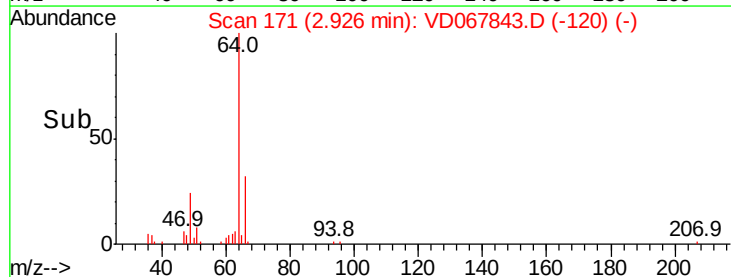
15000

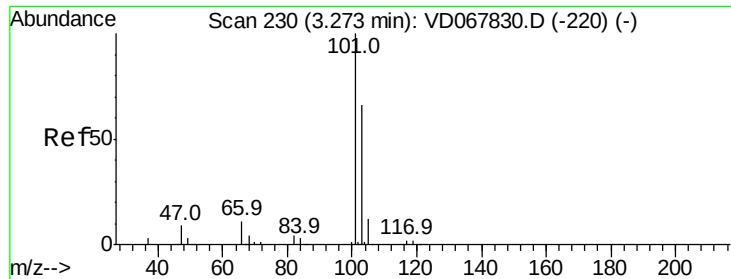
10000

5000

0

Time--> 2.85 2.90 2.95 3.00 3.05



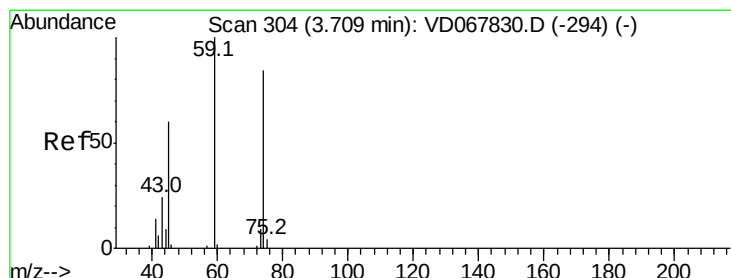
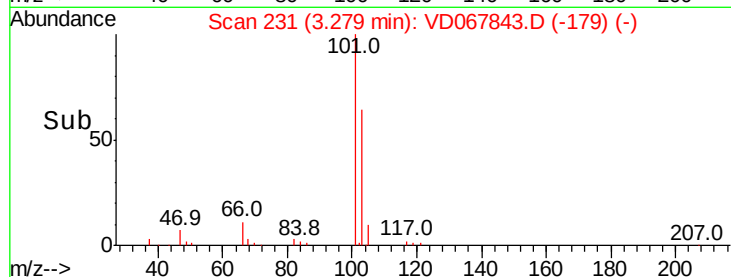
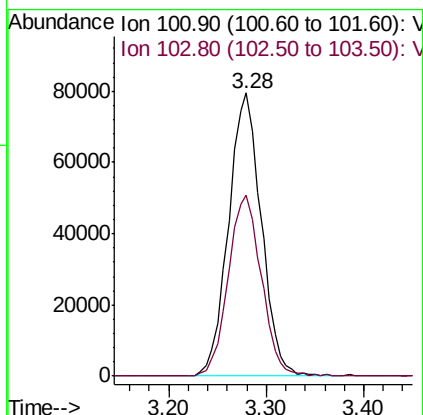
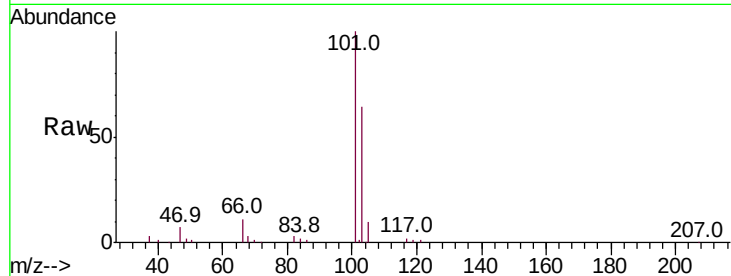


#7

Trichlorofluoromethane
 Concen: 48.064 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

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

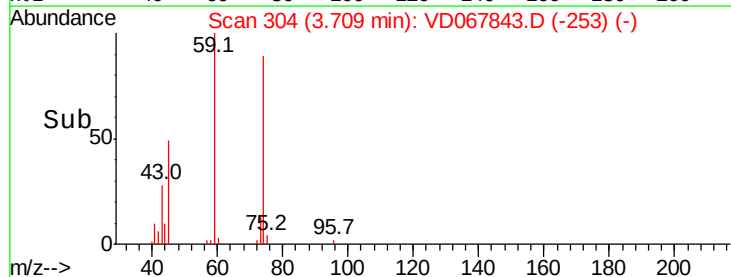
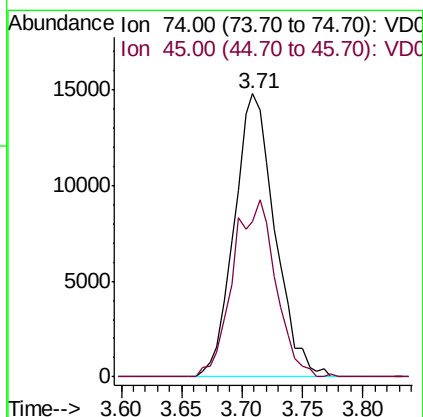
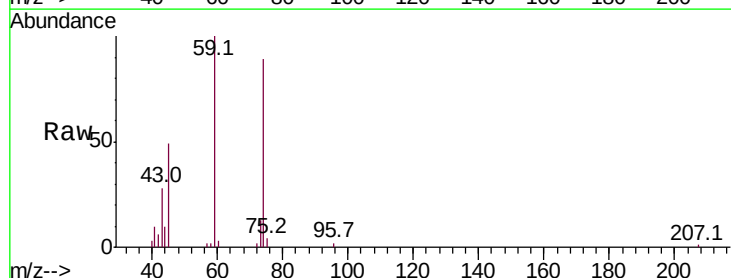
Tot Ion:101 Resp: 185190
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.0 79.6

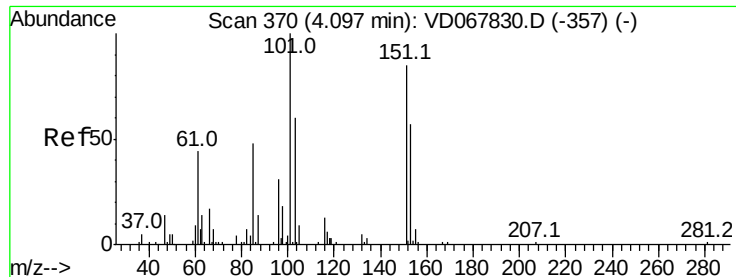


#8

Diethyl Ether
 Concen: 46.332 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion: 74 Resp: 34794
 Ion Ratio Lower Upper
 74 100
 45 65.6 33.9 101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.704 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

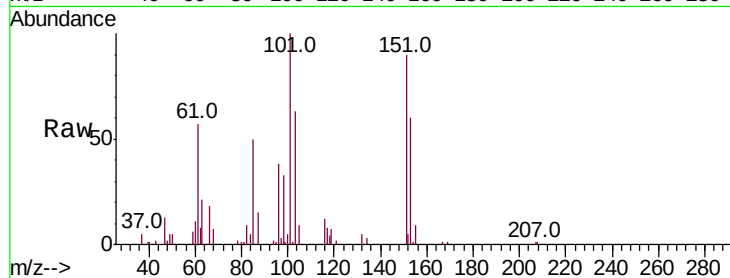
Tot Ion:101 Resp: 80301

Ion Ratio Lower Upper

101 100

85 46.0 36.2 54.4

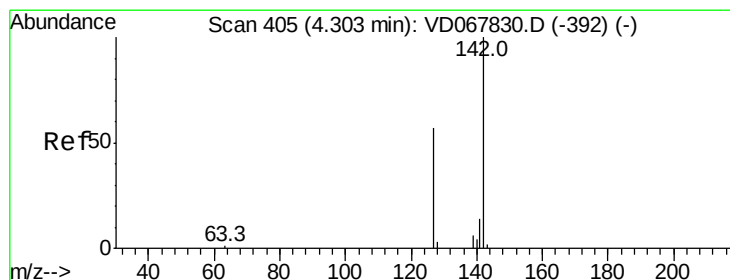
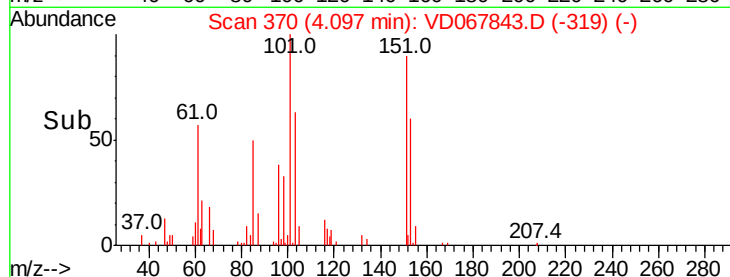
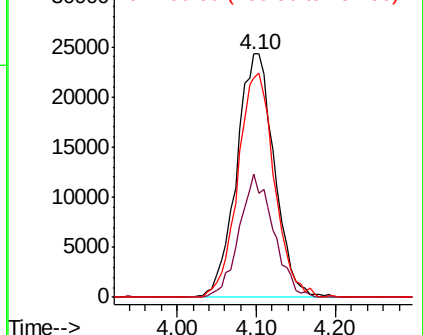
151 88.8 69.4 104.2



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: 36.712 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

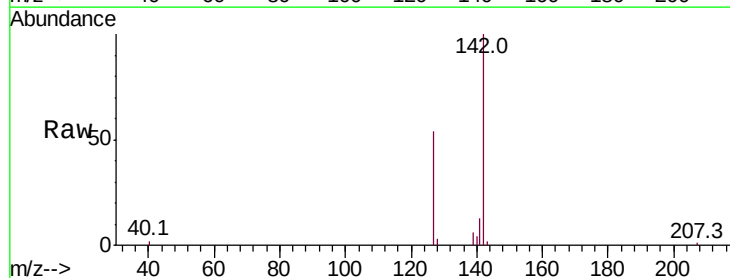
Tgt Ion:142 Resp: 68368

Ion Ratio Lower Upper

142 100

127 55.9 43.9 65.9

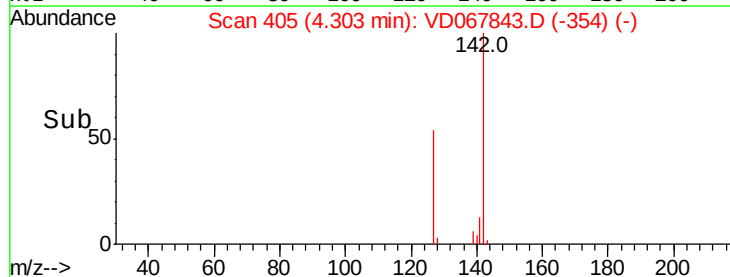
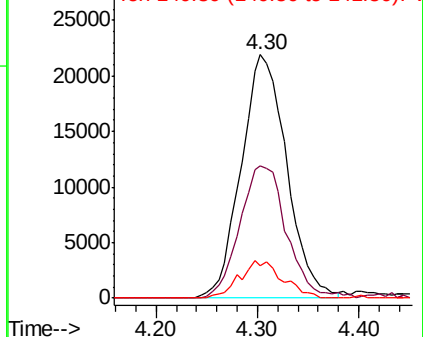
141 14.5 12.2 18.2

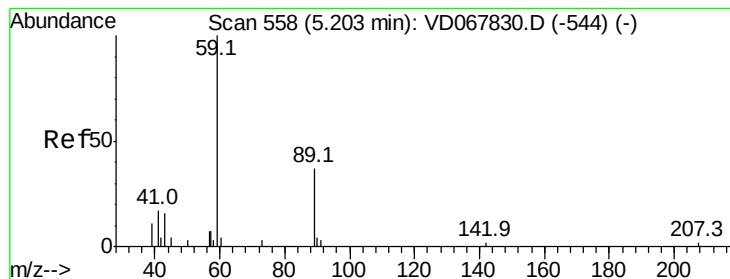


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



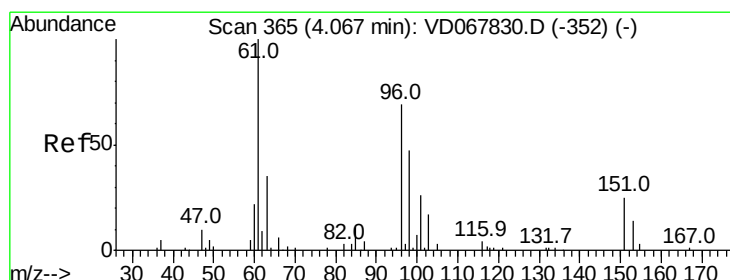
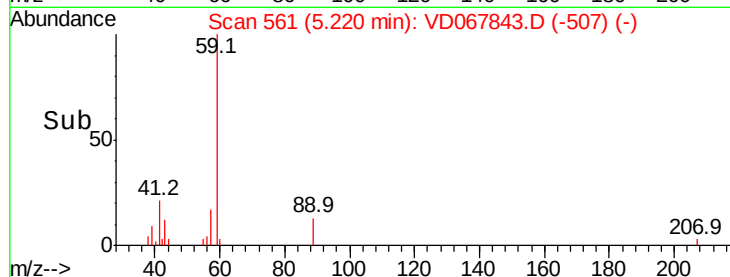
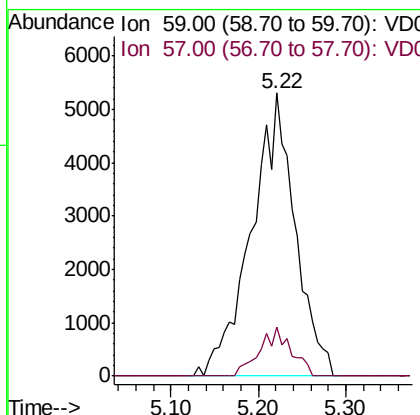
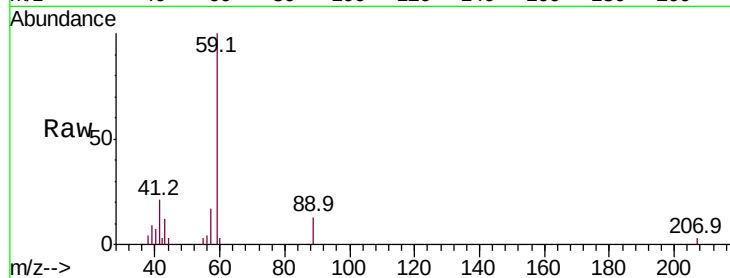


#11

Tert butyl alcohol
 Concen: 141.809 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

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

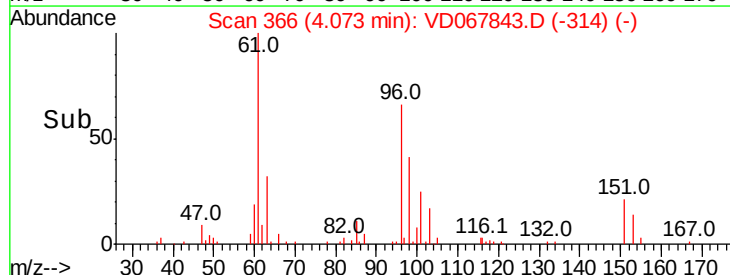
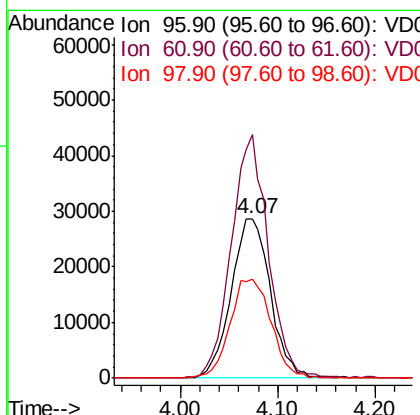
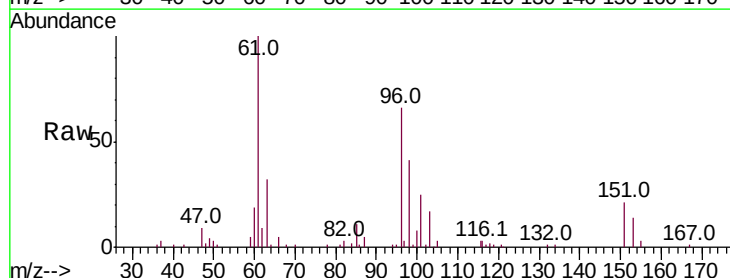
Tot Ion: 59 Resp: 18310
 Ion Ratio Lower Upper
 59 100
 57 12.3 7.7 11.5#

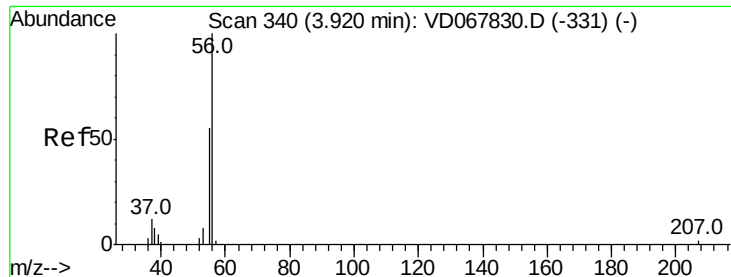


#12

1,1-Dichloroethene
 Concen: 48.353 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion: 96 Resp: 79759
 Ion Ratio Lower Upper
 96 100
 61 151.5 116.1 174.1
 98 62.3 54.6 82.0





#13

Acrolein

Concen: 85.836 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

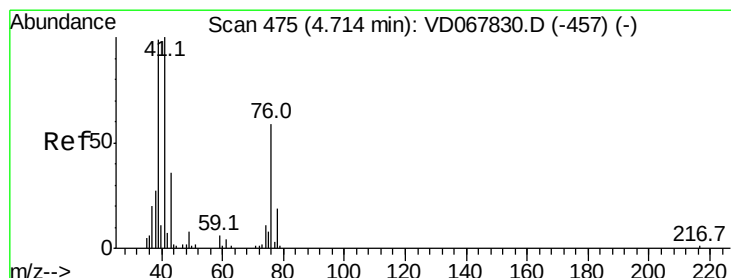
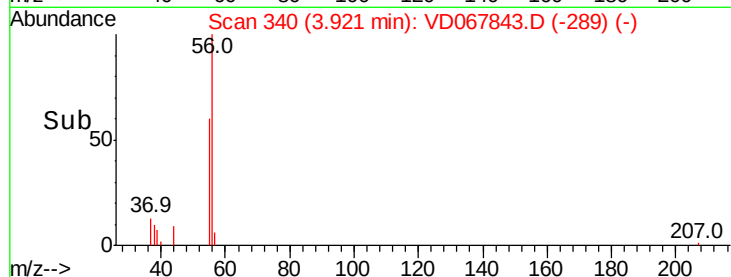
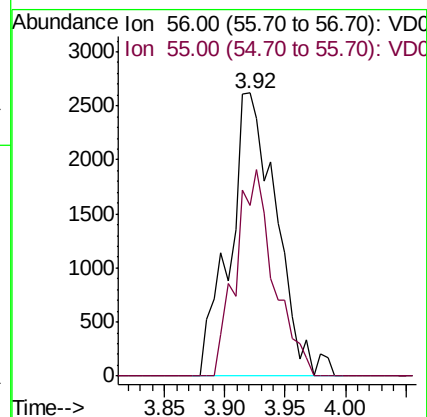
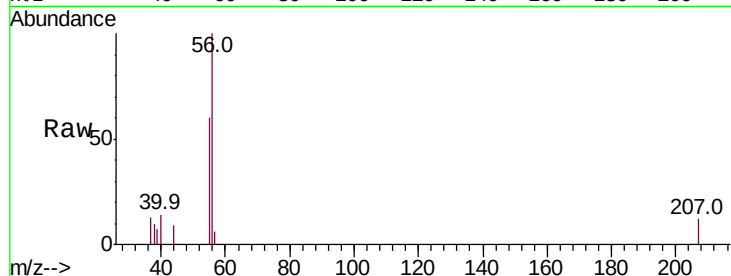
KENS-B4-112320-0-2MSD

Tot Ion: 56 Resp: 7049

Ion Ratio Lower Upper

56 100

55 59.2 56.5 84.7



#14

Allyl chloride

Concen: 49.835 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

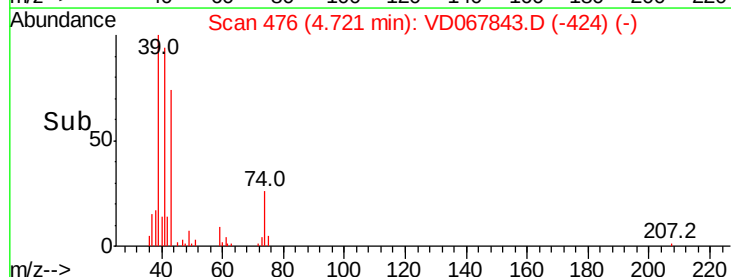
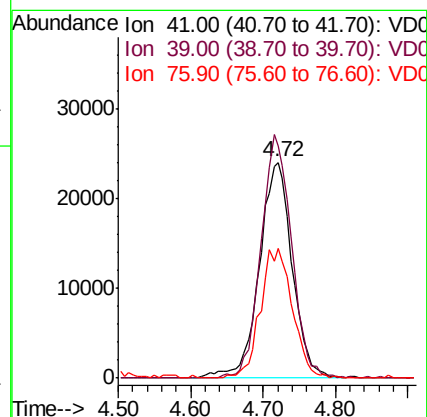
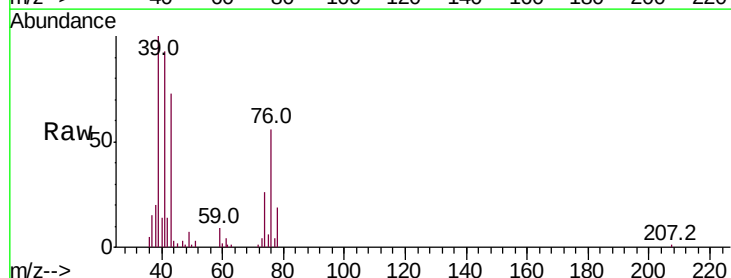
Tgt Ion: 41 Resp: 76047

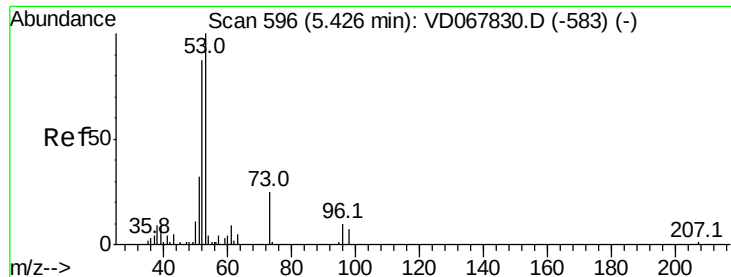
Ion Ratio Lower Upper

41 100

39 105.1 79.0 118.6

76 58.6 46.6 70.0





#15

Acrylonitrile

Concen: 192.794 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

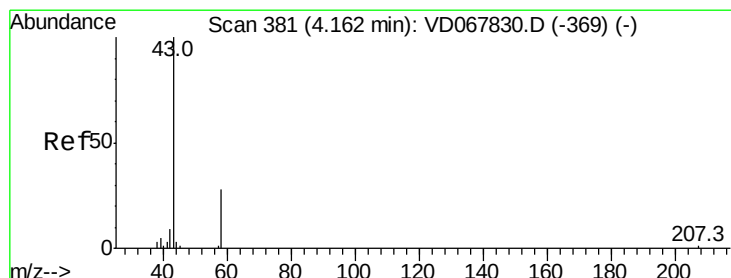
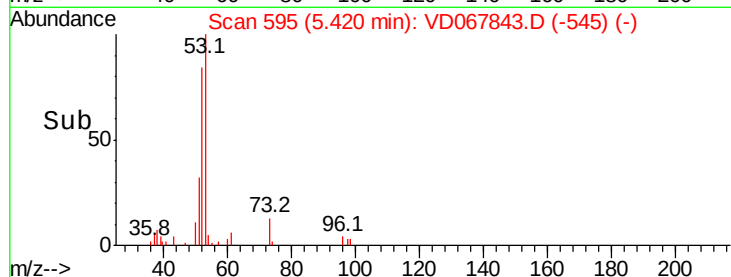
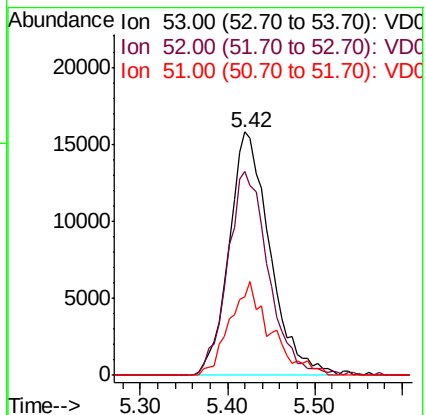
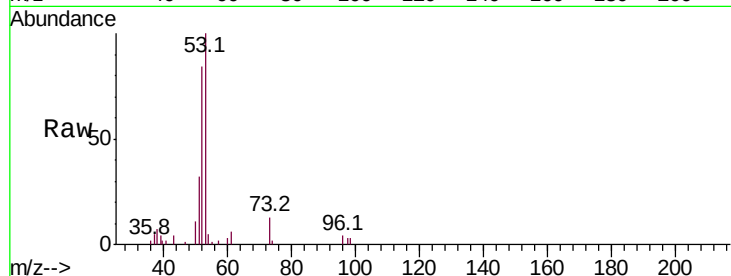
Tot Ion: 53 Resp: 50203

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.2

51 38.7 31.1 46.7



#16

Acetone

Concen: 164.352 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067843.D

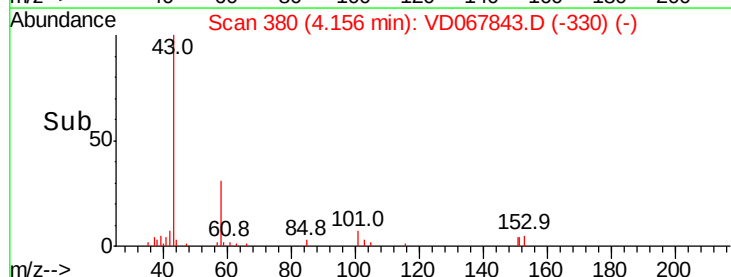
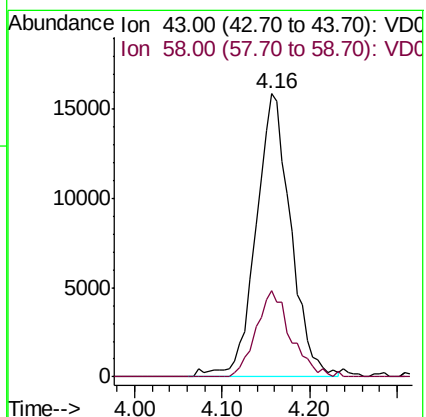
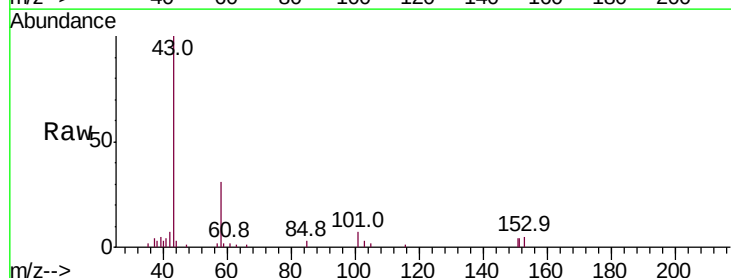
Acq: 02 Dec 2020 18:41

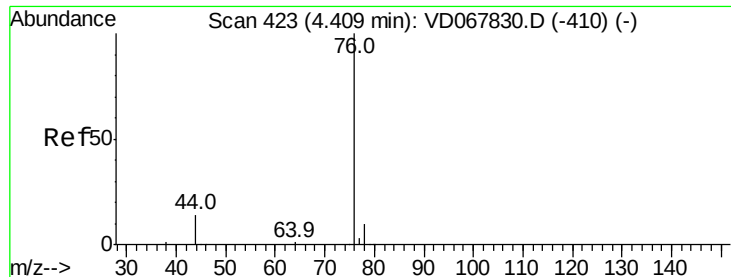
Tgt Ion: 43 Resp: 43400

Ion Ratio Lower Upper

43 100

58 30.5 21.9 32.9

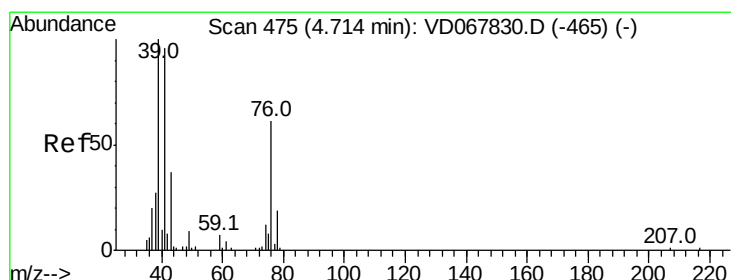
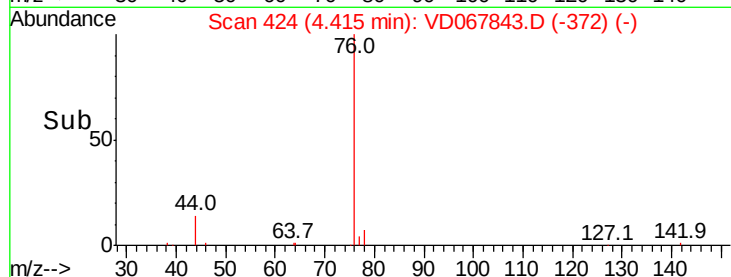
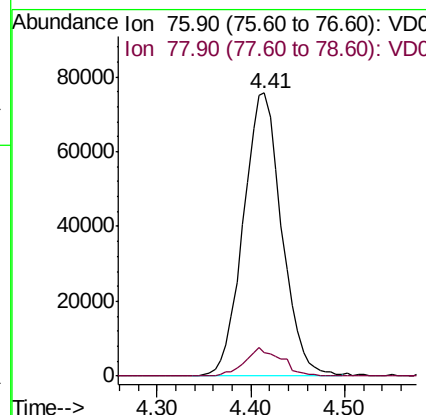
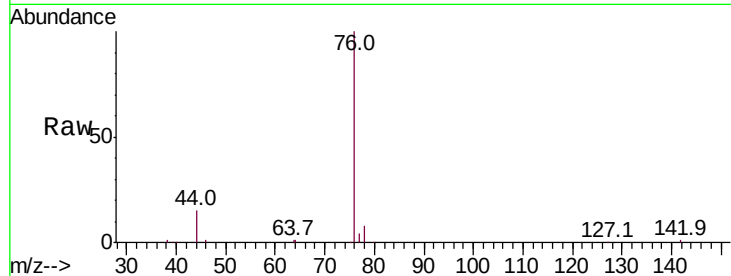




#17
Carbon Disulfide
Concen: 46.493 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

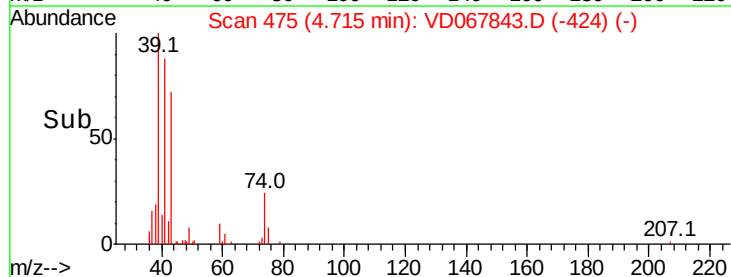
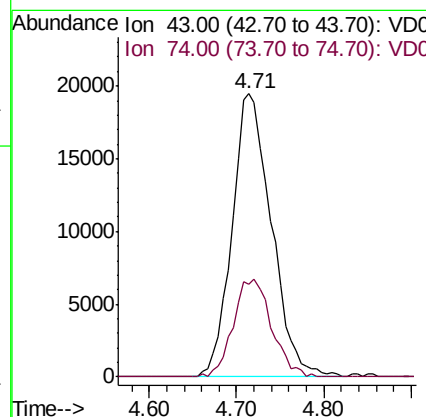
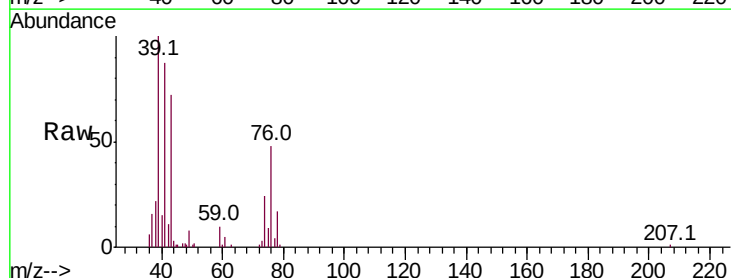
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MSD

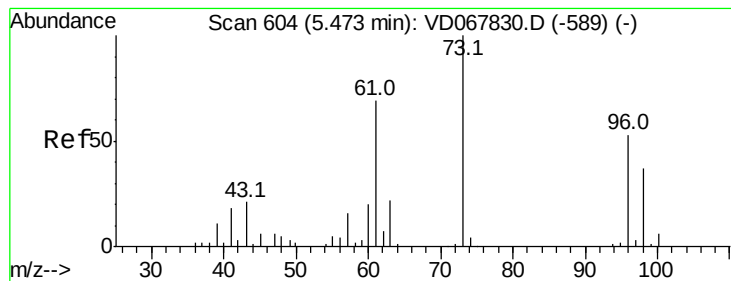
Tot Ion: 76 Resp: 214118
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.6



#18
Methyl Acetate
Concen: 121.115 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion: 43 Resp: 59509
Ion Ratio Lower Upper
43 100
74 33.7 27.0 40.4



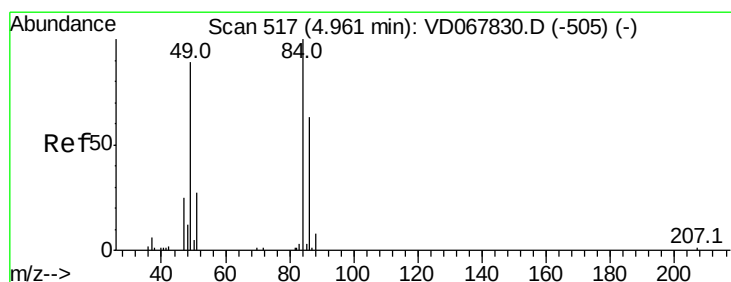
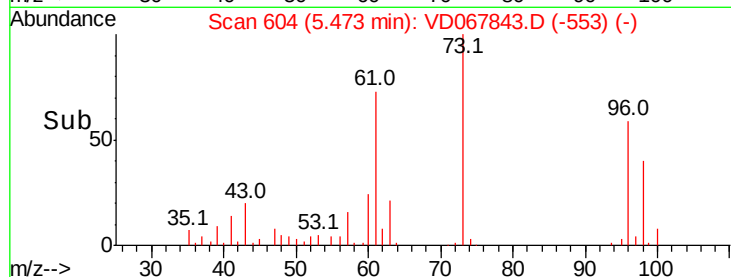
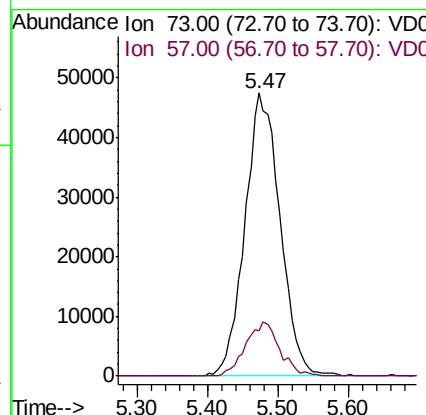
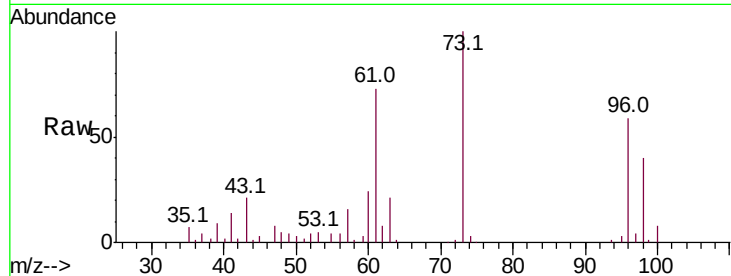


#19

Methyl tert-butyl Ether
 Concen: 46.658 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

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

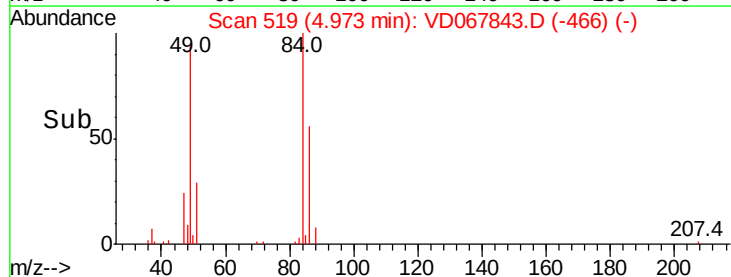
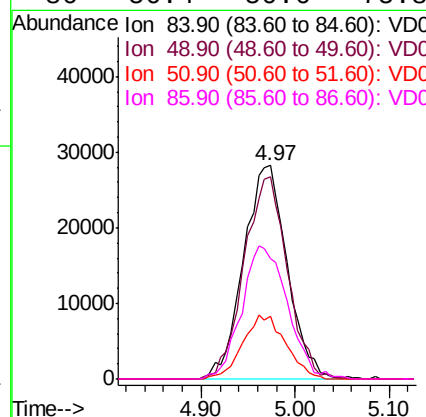
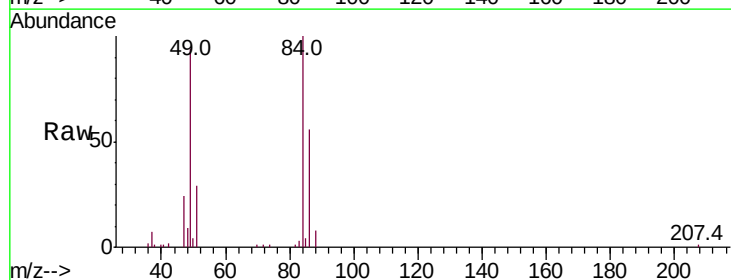
Tot Ion: 73 Resp: 164800
 Ion Ratio Lower Upper
 73 100
 57 16.0 13.2 19.8

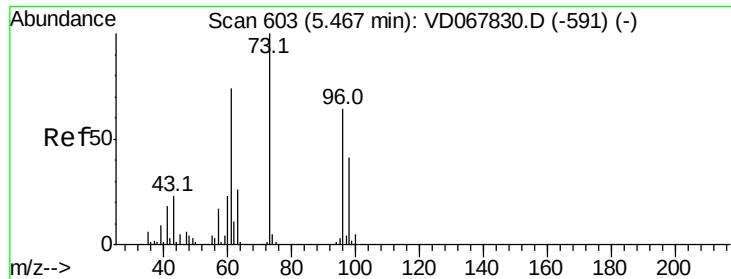


#20

Methylene Chloride
 Concen: 53.285 ug/l
 RT: 4.97 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion: 84 Resp: 90685
 Ion Ratio Lower Upper
 84 100
 49 94.5 71.4 107.0
 51 29.2 21.8 32.8
 86 56.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.434 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

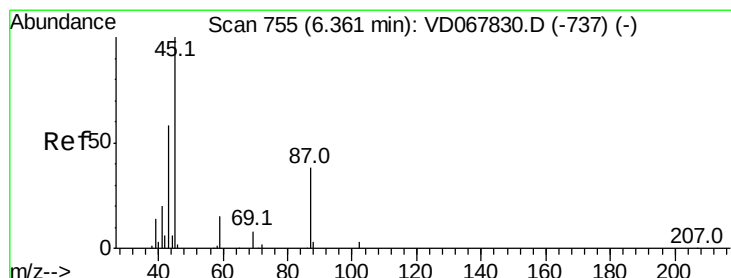
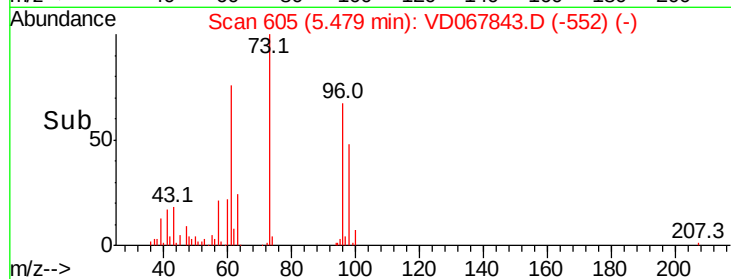
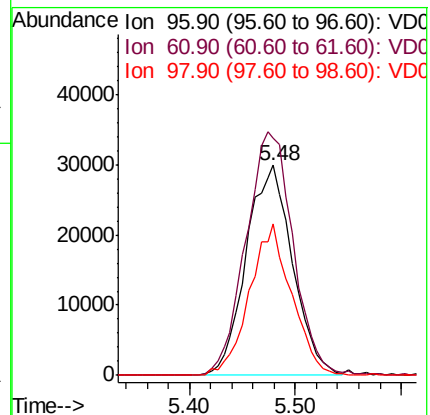
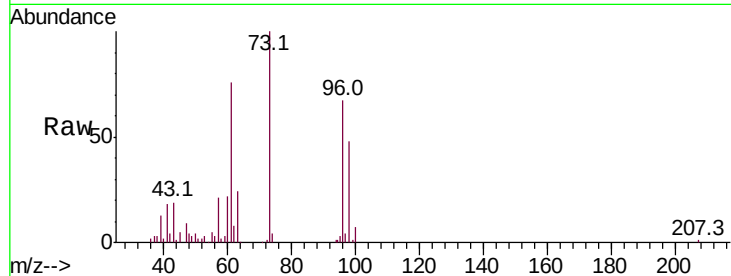
Tot Ion: 96 Resp: 90911

Ion Ratio Lower Upper

96 100

61 112.7 93.1 139.7

98 71.9 52.2 78.2



#22

Diisopropyl ether

Concen: 49.196 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Tgt Ion: 45 Resp: 150990

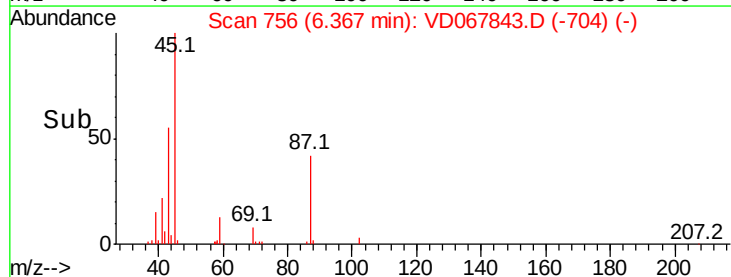
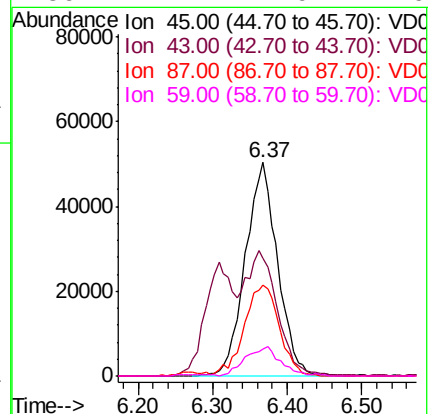
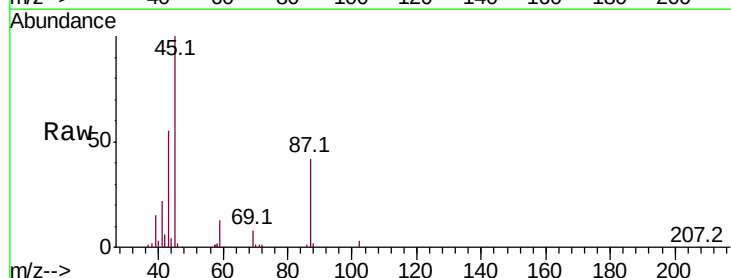
Ion Ratio Lower Upper

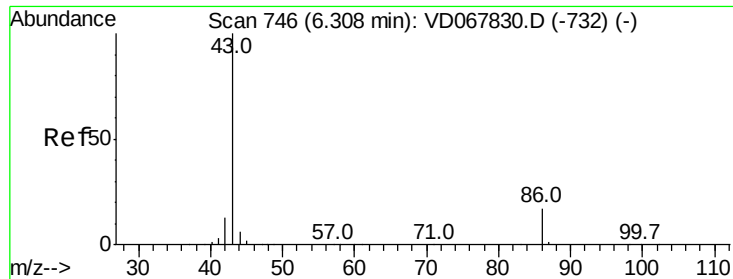
45 100

43 54.5 49.8 74.6

87 42.5 32.1 48.1

59 12.7 11.9 17.9





#23

Vinyl Acetate

Concen: 41.182 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

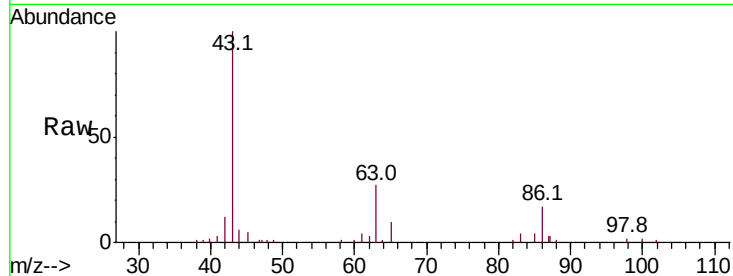
KENS-B4-112320-0-2MSD

Tot Ion: 43 Resp: 70314

Ion Ratio Lower Upper

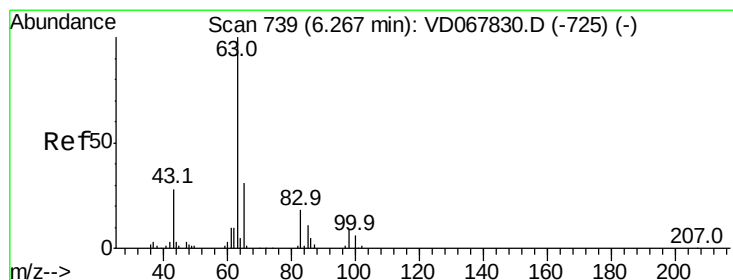
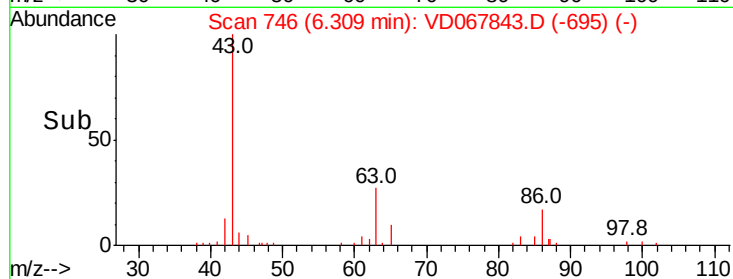
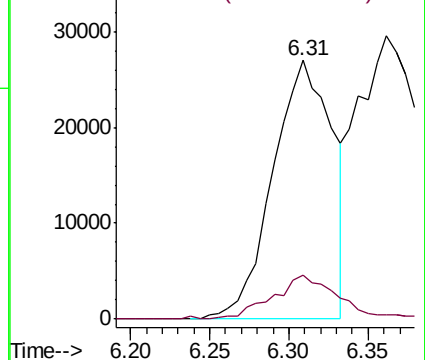
43 100

86 16.3 13.8 20.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.064 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

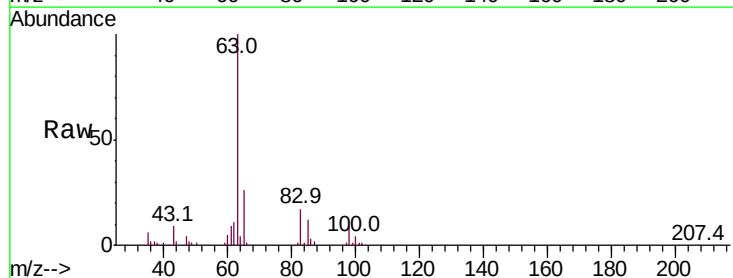
Tgt Ion: 63 Resp: 134692

Ion Ratio Lower Upper

63 100

98 9.0 4.5 13.5

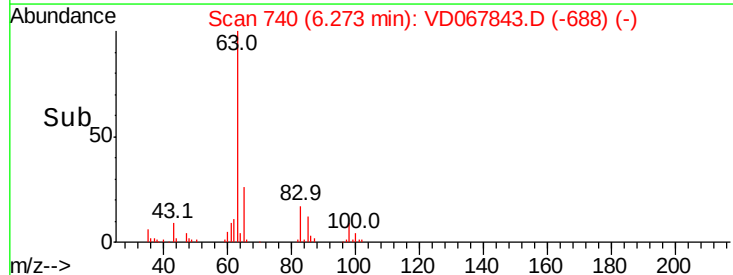
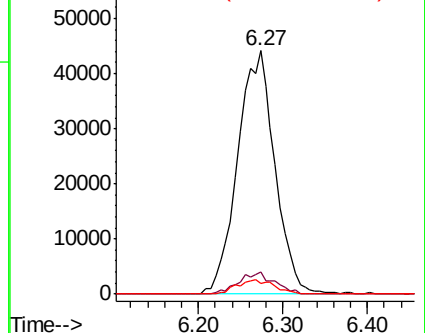
100 4.4 3.0 9.2

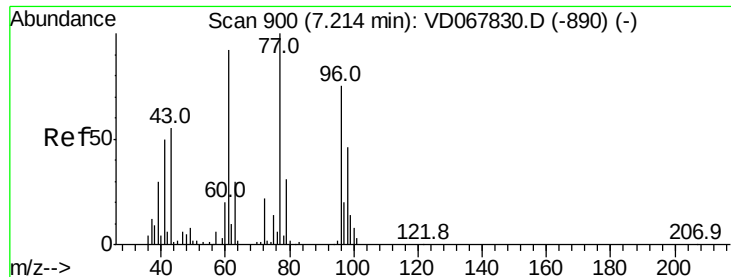


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 191.000 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

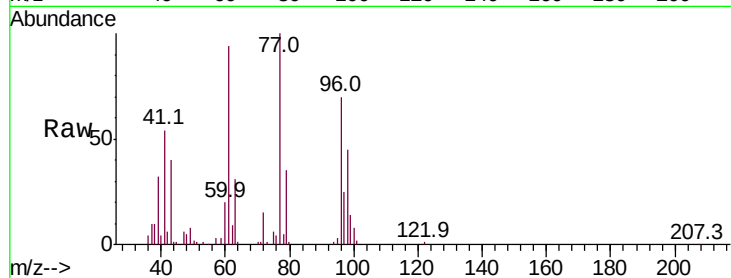
KENS-B4-112320-0-2MSD

Tot Ion: 43 Resp: 53050

Ion Ratio Lower Upper

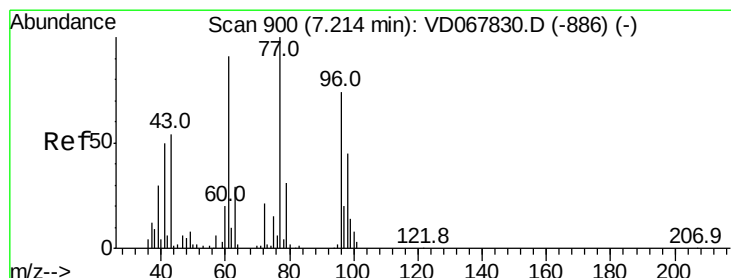
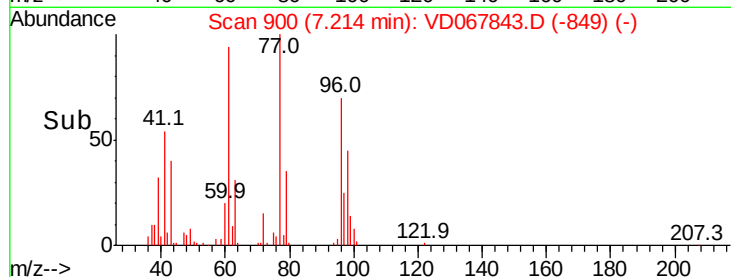
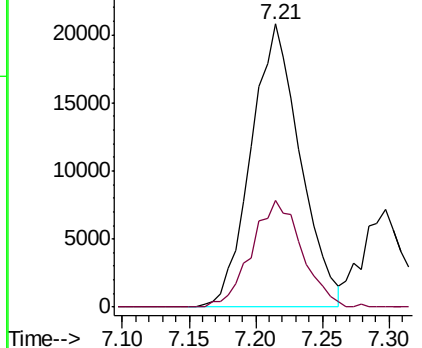
43 100

72 37.9 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.395 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067843.D

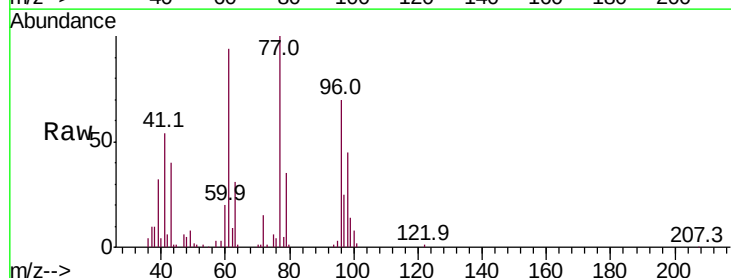
Acq: 02 Dec 2020 18:41

Tgt Ion: 77 Resp: 155262

Ion Ratio Lower Upper

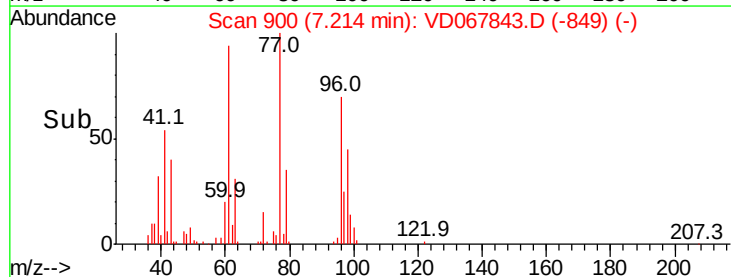
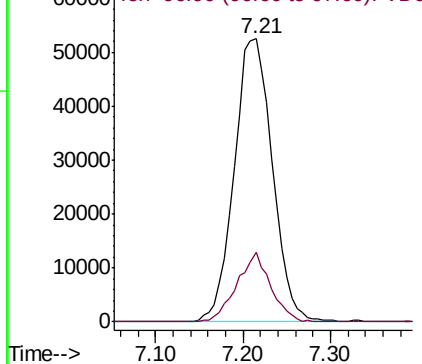
77 100

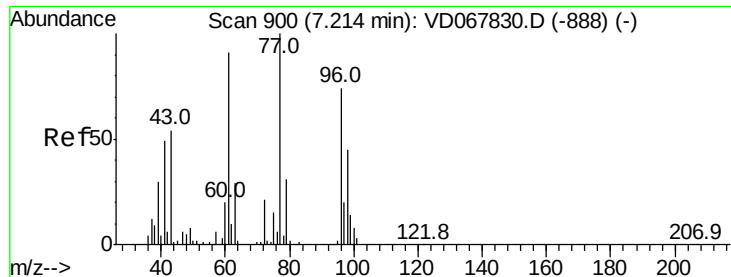
97 21.6 11.1 33.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



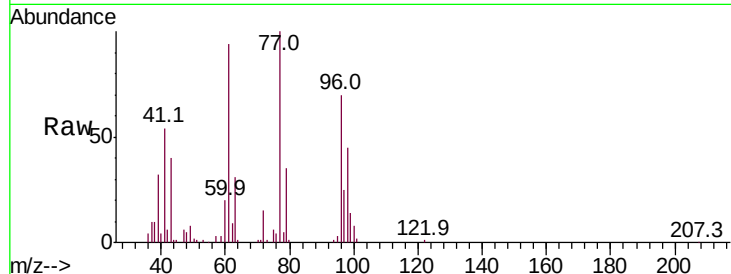


#27

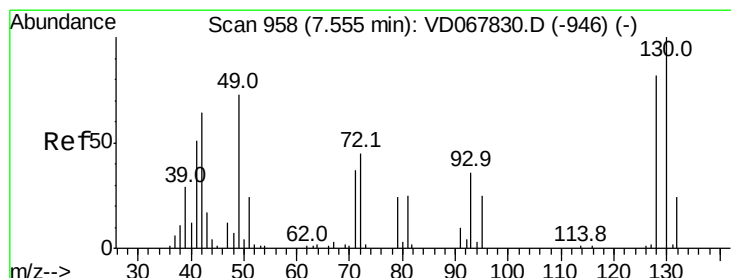
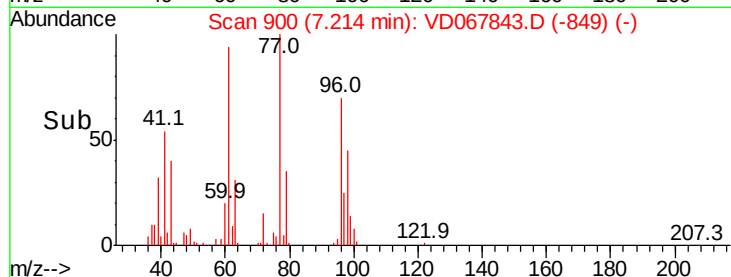
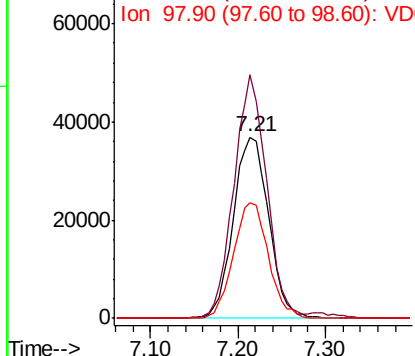
cis-1,2-Dichloroethene
Concen: 49.164 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

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

Tot Ion: 96 Resp: 100937
Ion Ratio Lower Upper
96 100
61 124.5 0.0 248.4
98 62.7 0.0 127.4



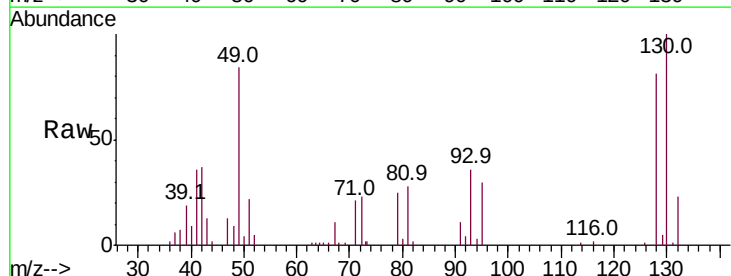
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



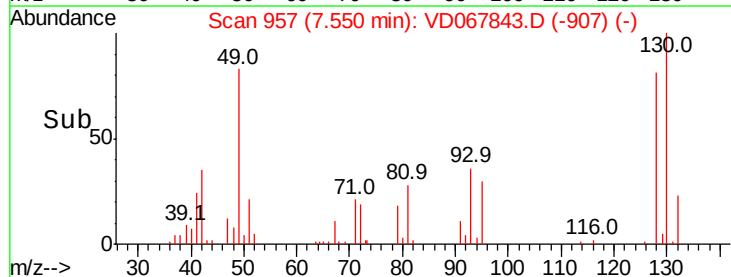
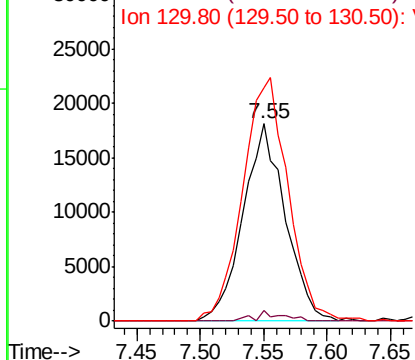
#28

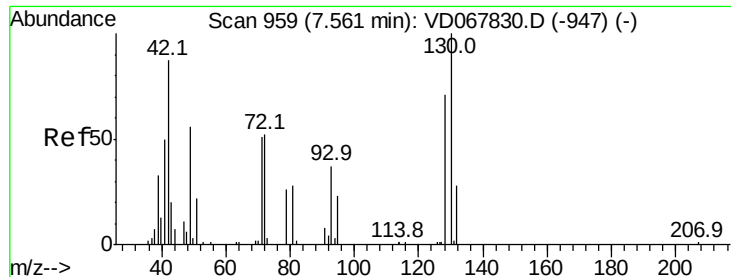
Bromochloromethane
Concen: 49.067 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion: 49 Resp: 41913
Ion Ratio Lower Upper
49 100
129 3.1 0.0 3.4
130 132.9 110.2 165.2



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





#29

Tetrahydrofuran

Concen: 202.326 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

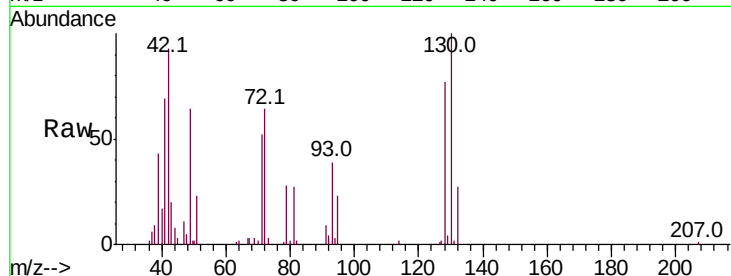
Tot Ion: 42 Resp: 31997

Ion Ratio Lower Upper

42 100

72 68.1 51.9 77.9

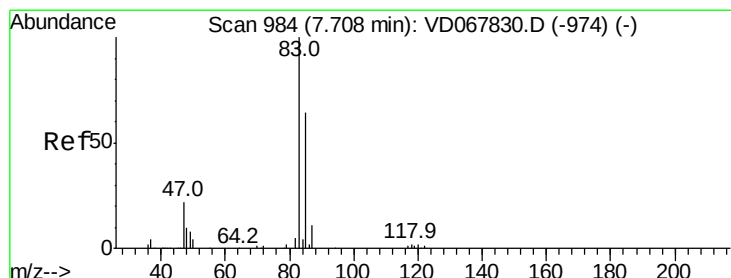
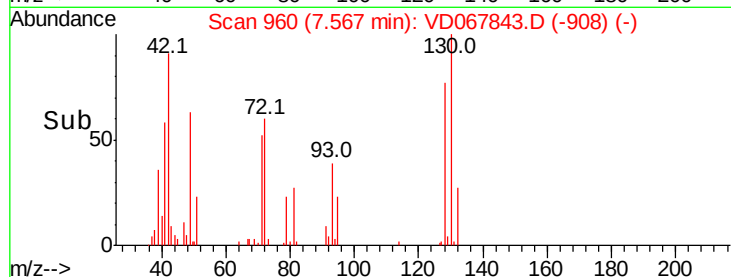
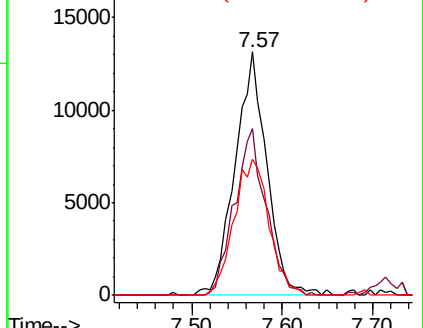
71 61.4 48.2 72.4



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: 49.431 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD067843.D

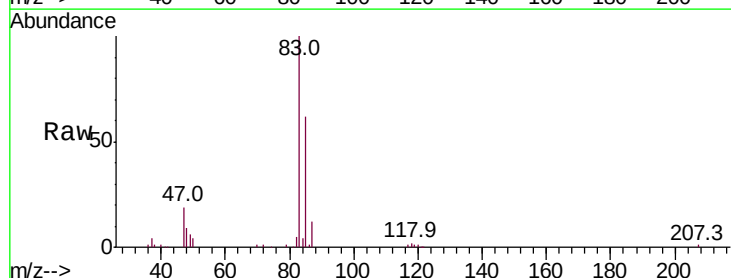
Acq: 02 Dec 2020 18:41

Tgt Ion: 83 Resp: 177726

Ion Ratio Lower Upper

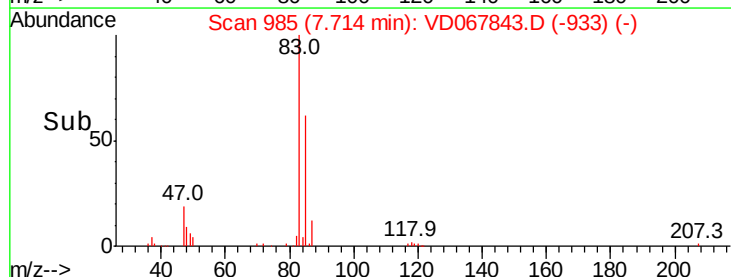
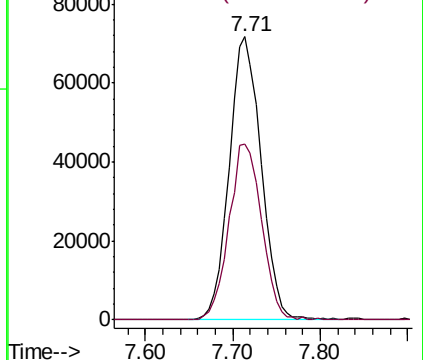
83 100

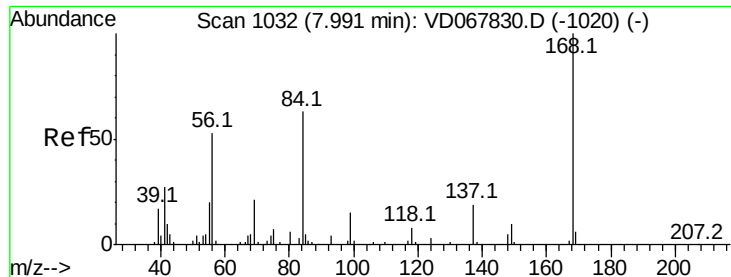
85 61.9 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

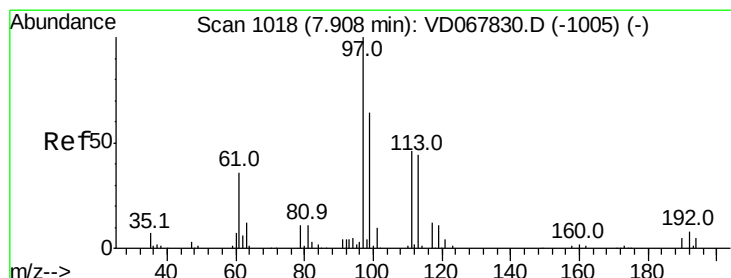
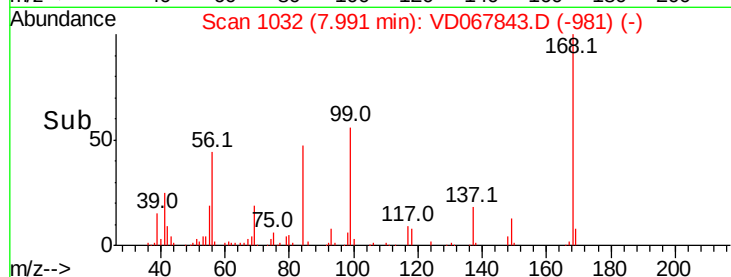
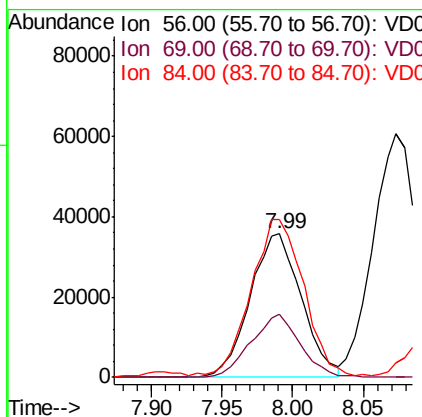
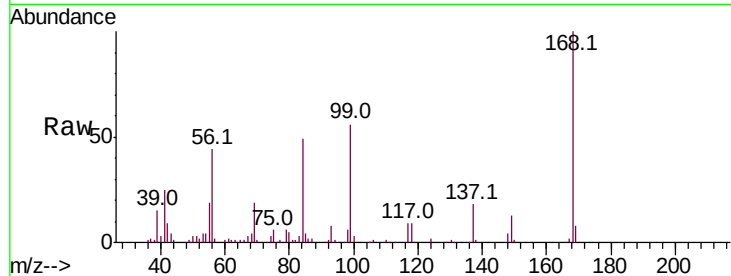




#31
Cyclohexane
Concen: 40.486 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

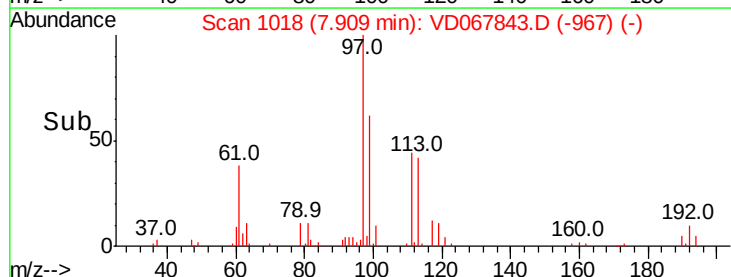
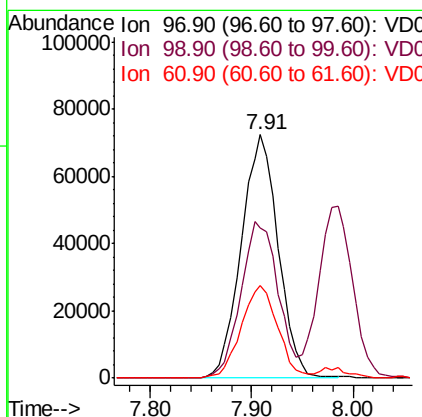
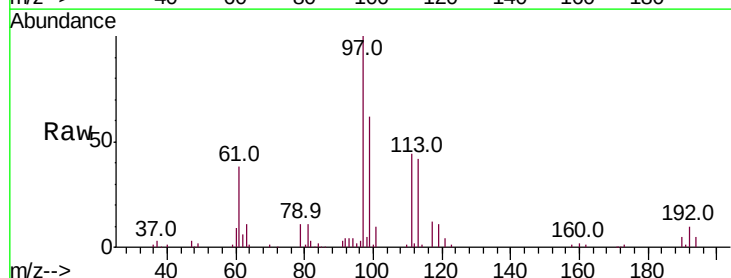
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MSD

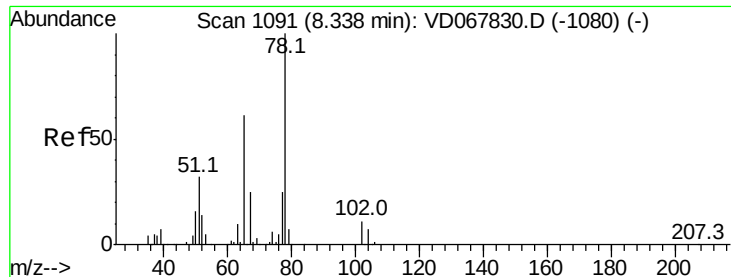
Tot Ion: 56 Resp: 91152
Ion Ratio Lower Upper
56 100
69 43.5 32.1 48.1
84 109.1 93.2 139.8



#32
1,1,1-Trichloroethane
Concen: 48.318 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion: 97 Resp: 183385
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 37.7 30.8 46.2

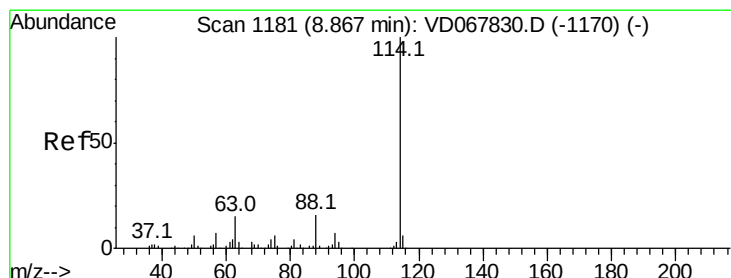
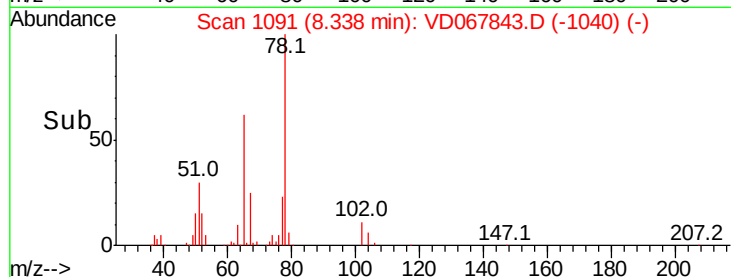
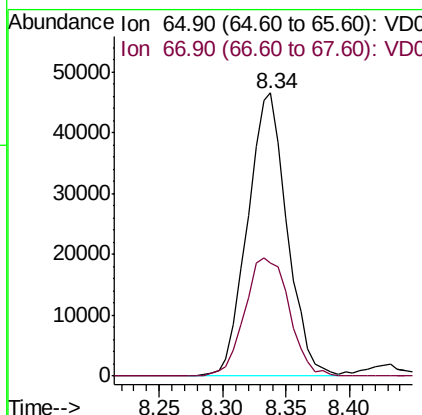
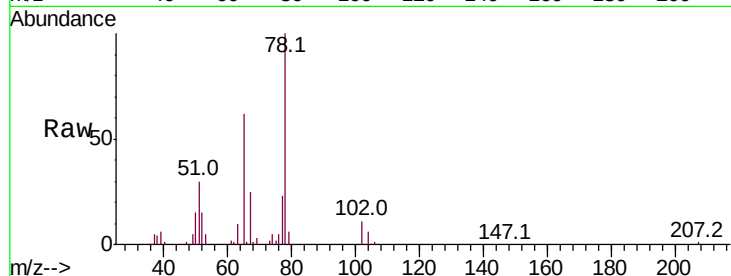




#33
 1,2-Dichloroethane-d4
 Concen: 47.217 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

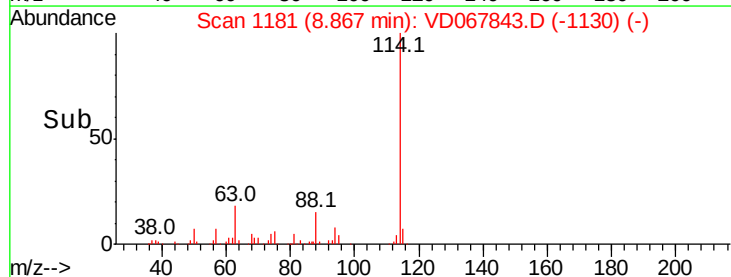
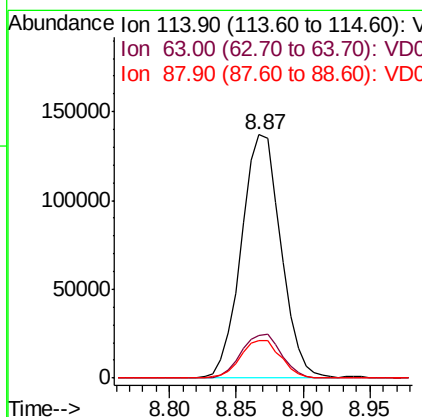
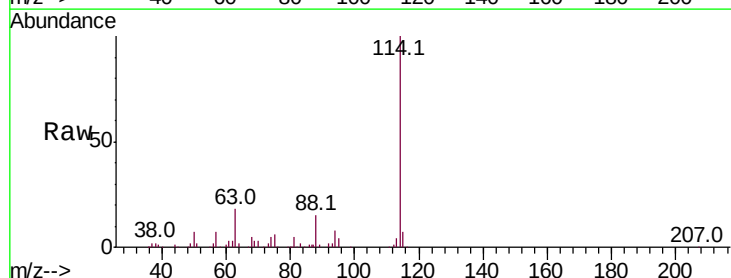
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MSD

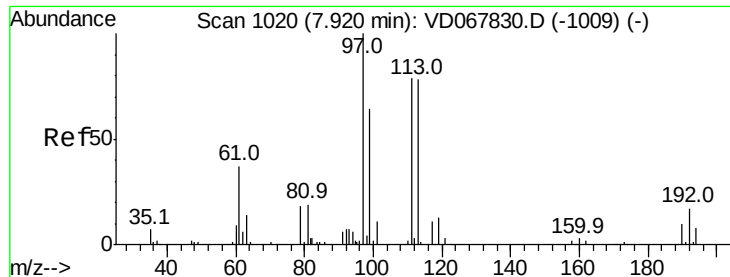
Tot Ion: 65 Resp: 100903
 Ion Ratio Lower Upper
 65 100
 67 46.9 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion: 114 Resp: 281968
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 30.8
 88 15.5 0.0 31.8

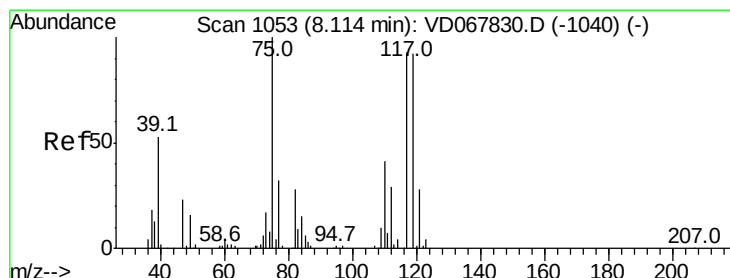
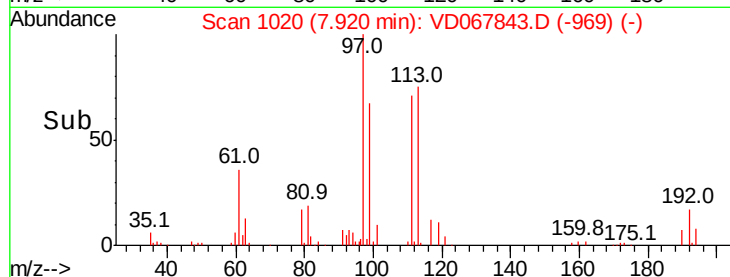
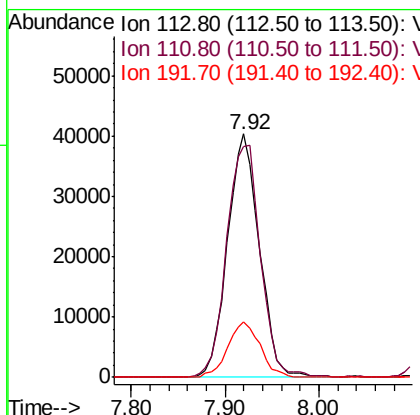
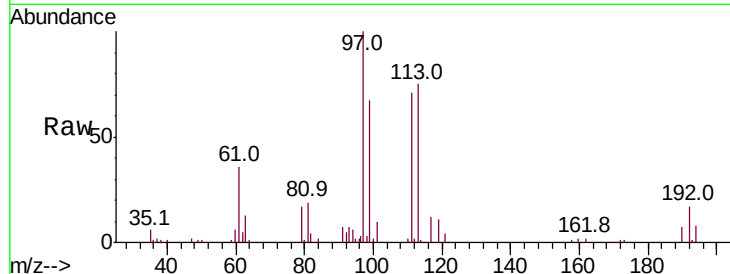




#35
 Dibromofluoromethane
 Concen: 50.147 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

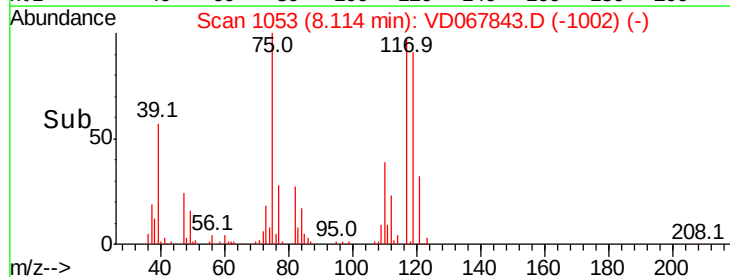
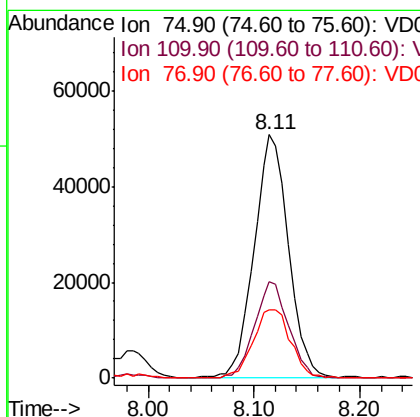
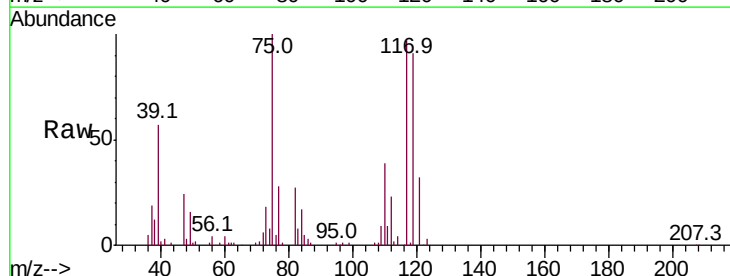
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MSD

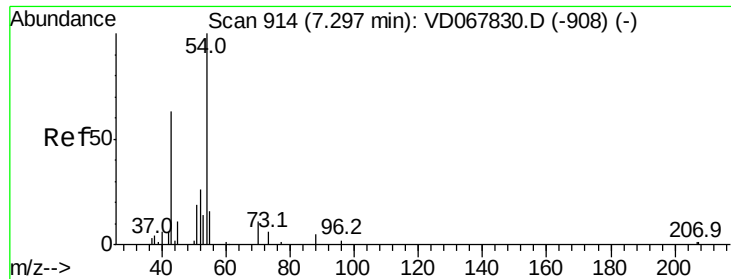
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	23.0	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 47.295 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	20.3	61.0
77	30.6	24.7	37.1

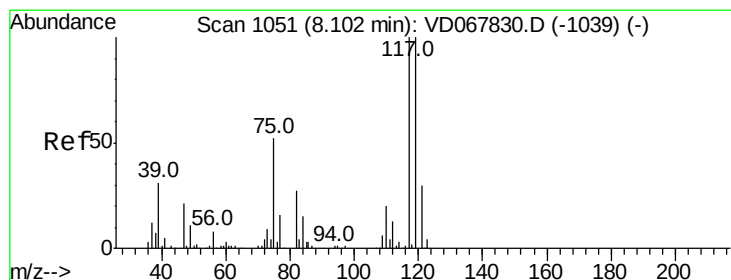
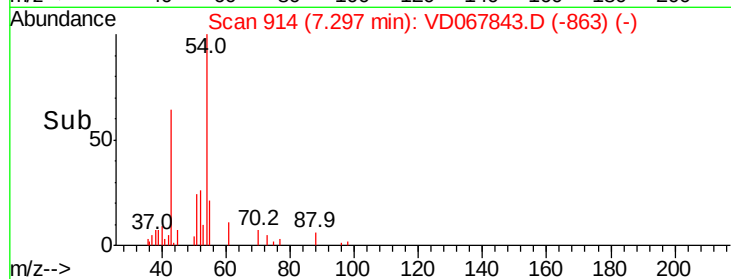
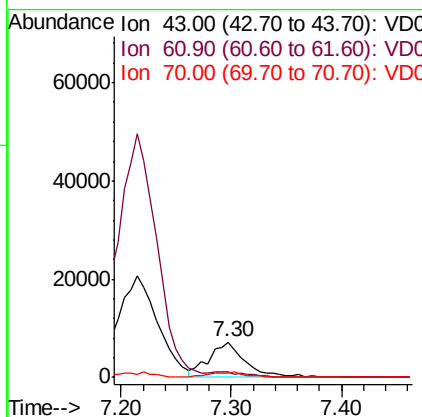
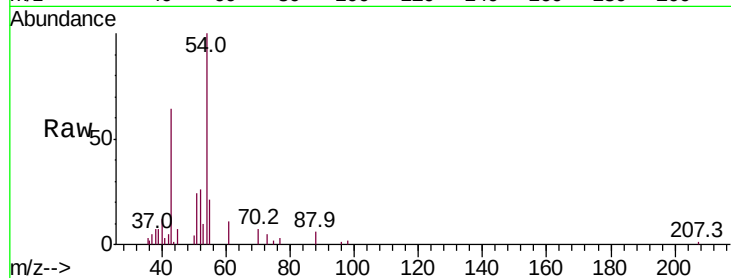




#37
Ethyl Acetate
Concen: 25.552 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

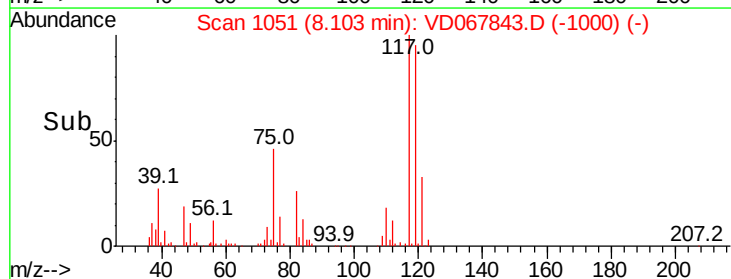
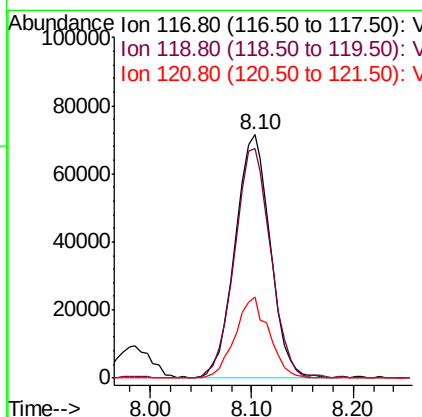
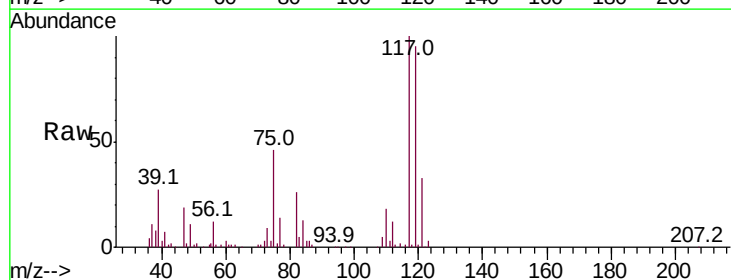
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MSD

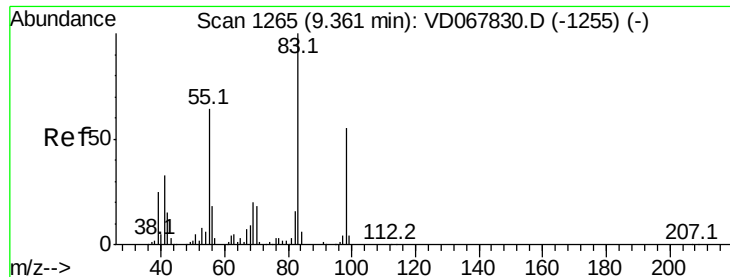
Tot Ion: 43 Resp: 16810
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 14.1 11.5 17.3



#38
Carbon Tetrachloride
Concen: 46.685 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion: 117 Resp: 172419
Ion Ratio Lower Upper
117 100
119 94.5 79.7 119.5
121 33.3 23.8 35.6

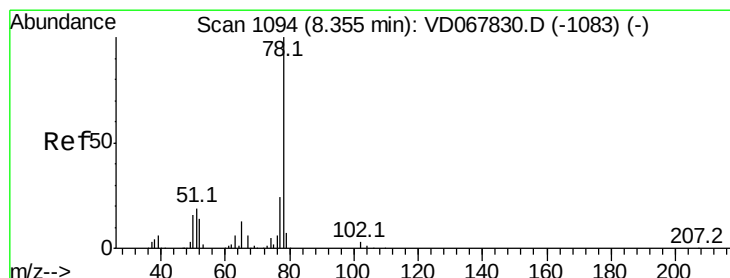
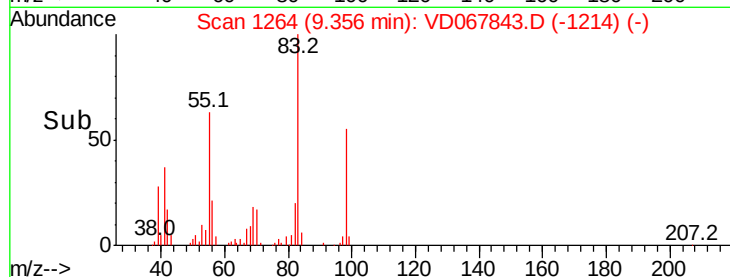
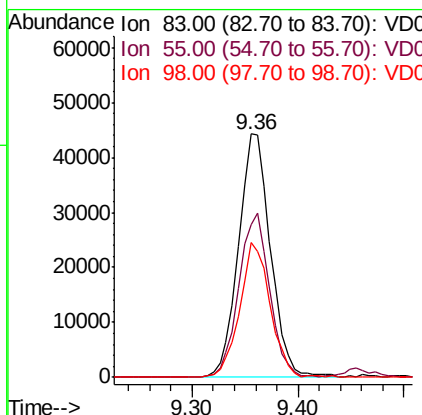
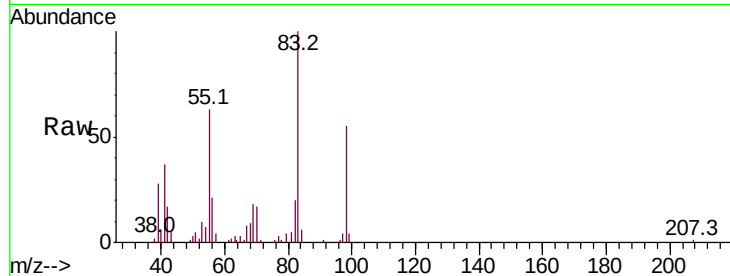




#39
Methylvlcyclohexane
Concen: 32.184 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

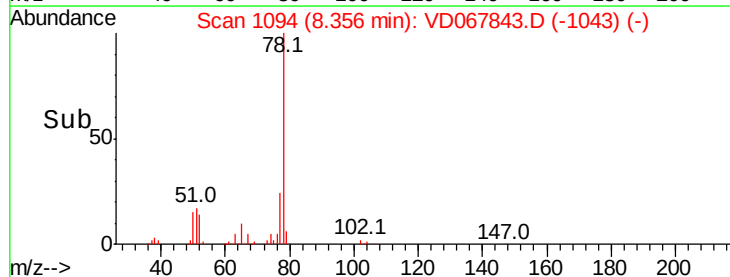
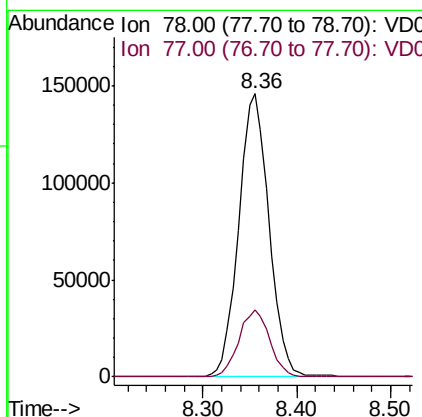
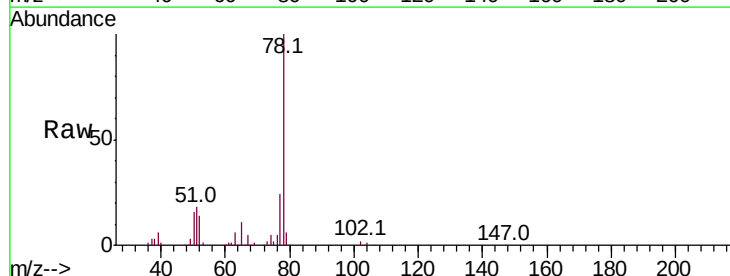
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MSD

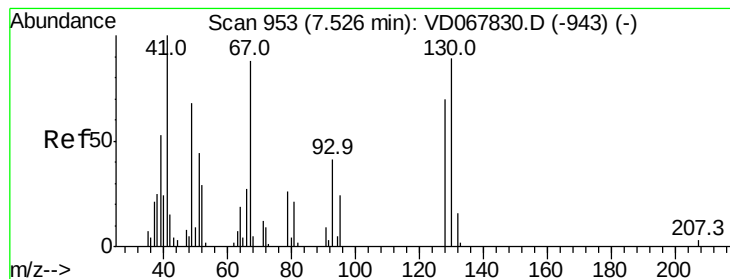
Tot Ion	83	Resp	93099
Ion Ratio	Lower	Upper	
83	100		
55	62.6	51.6	77.4
98	55.5	44.3	66.5



#40
Benzene
Concen: 48.746 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion	78	Resp	325587
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.1	28.7





#41

Methacrylonitrile

Concen: 124.852 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.04 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

Tot Ion: 41 Resp: 36912

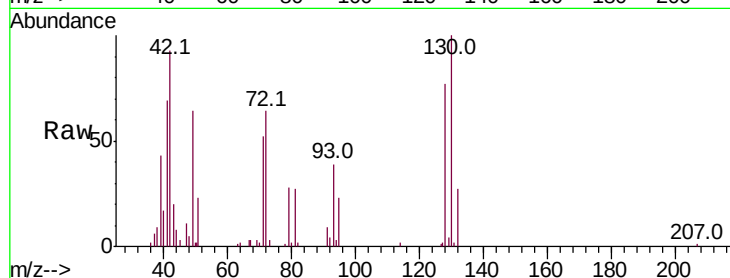
Ion Ratio Lower Upper

41 100

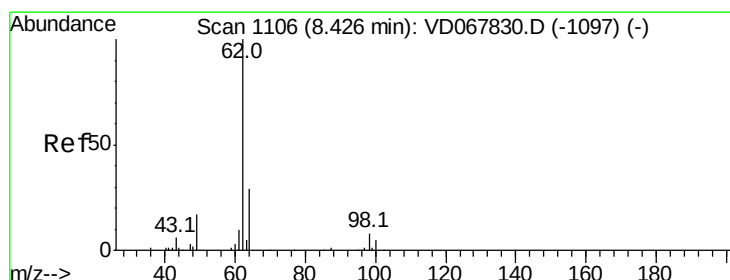
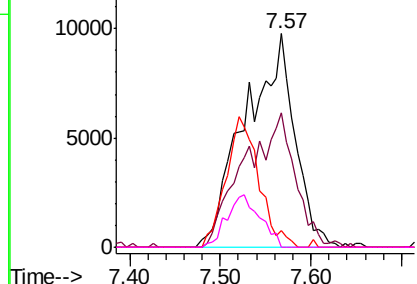
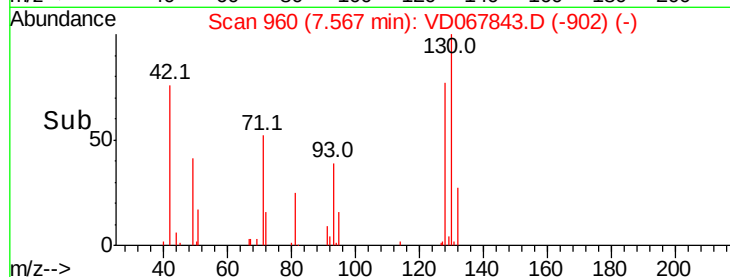
39 30.5 42.1 63.1#

67 0.0 82.4 123.6#

52 0.0 30.6 45.8#



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: 46.070 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067843.D

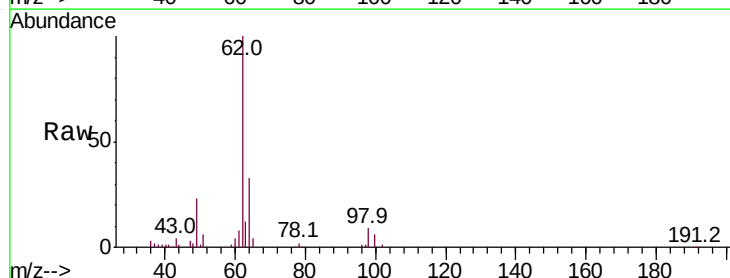
Acq: 02 Dec 2020 18:41

Tgt Ion: 62 Resp: 109670

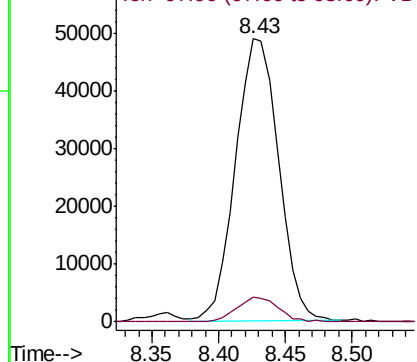
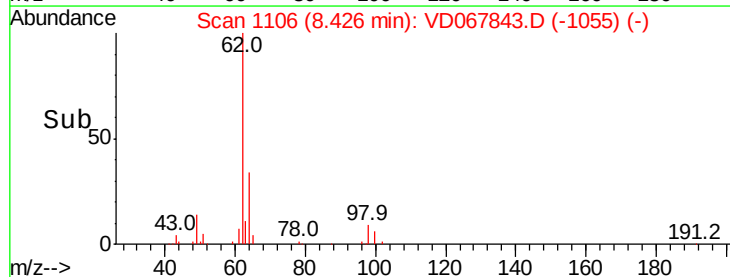
Ion Ratio Lower Upper

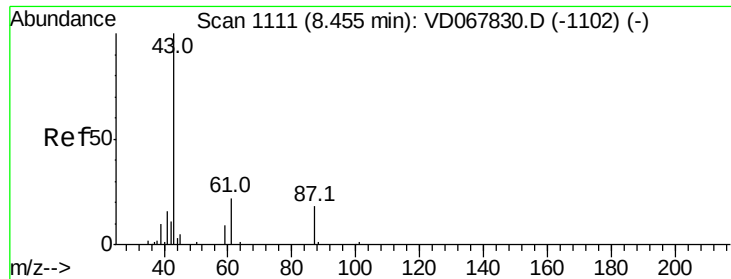
62 100

98 8.6 0.0 17.2



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





#43

Isopropyl Acetate

Concen: 29.718 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

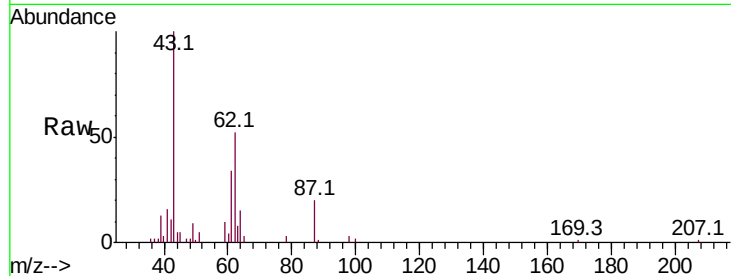
Tot Ion: 43 Resp: 38468

Ion Ratio Lower Upper

43 100

61 0.0 30.4 45.6#

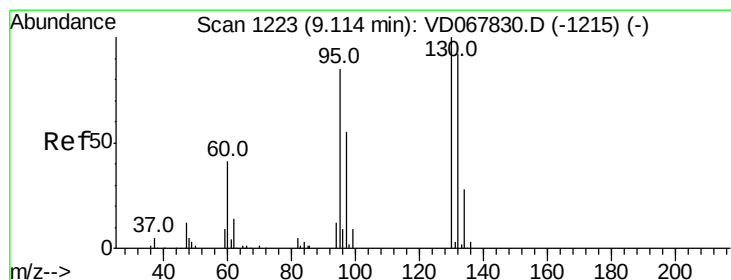
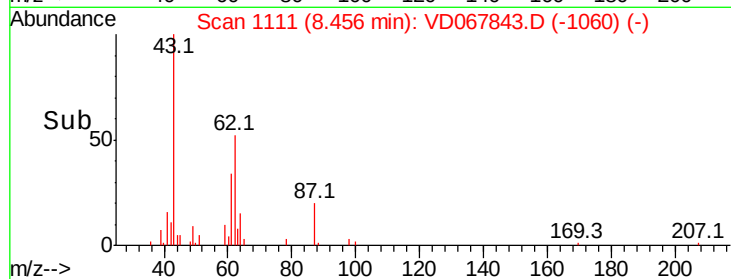
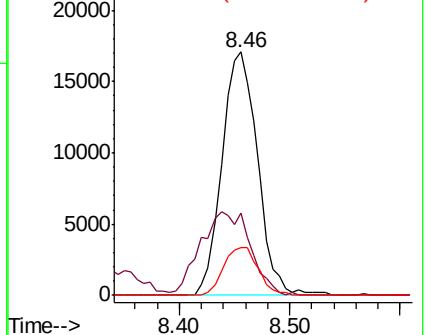
87 19.2 16.2 24.2



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: 47.070 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067843.D

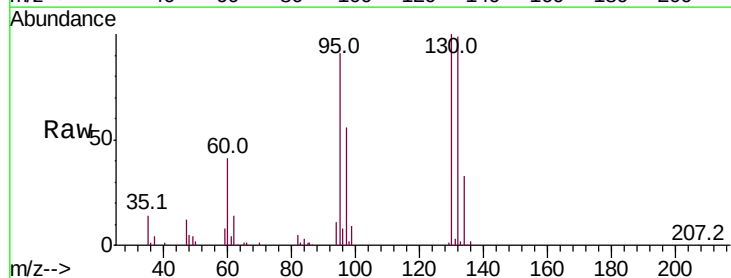
Acq: 02 Dec 2020 18:41

Tgt Ion:130 Resp: 108093

Ion Ratio Lower Upper

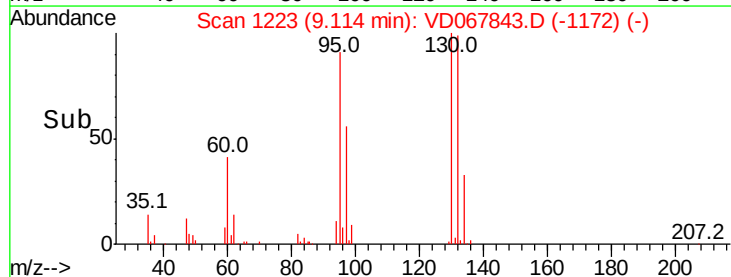
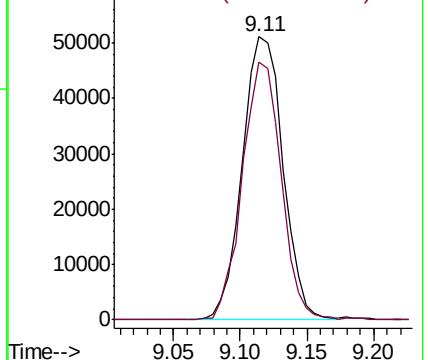
130 100

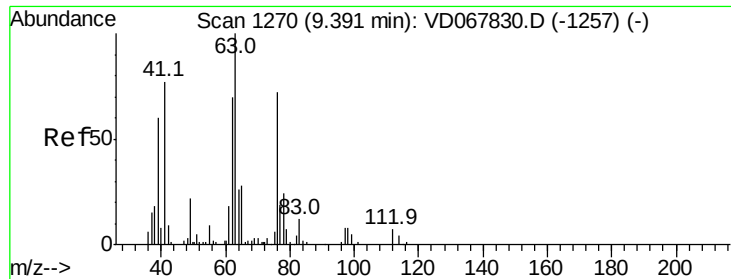
95 90.9 0.0 170.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

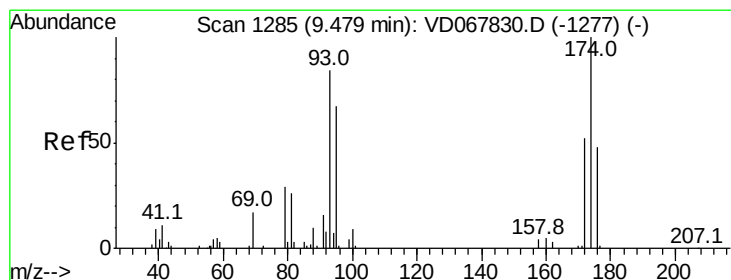
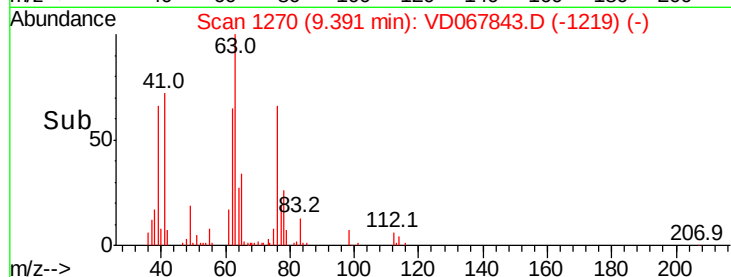
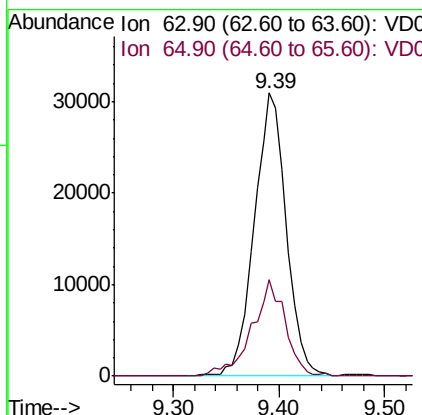
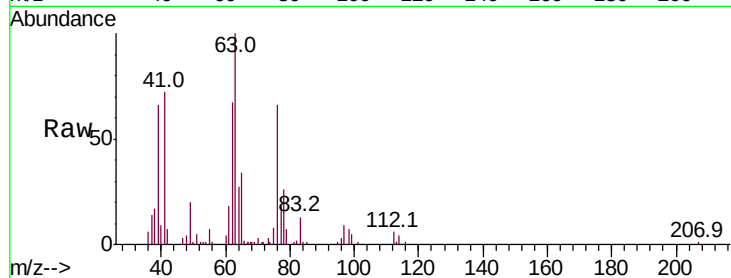




#45
 1,2-Dichloropropane
 Concen: 47.370 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

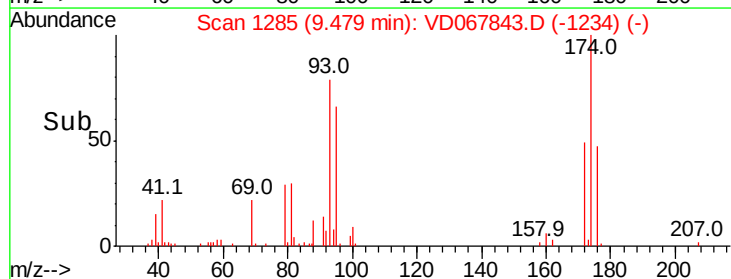
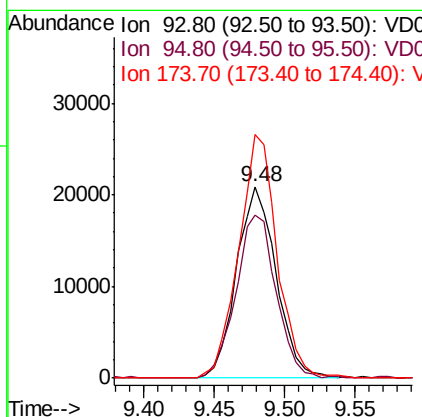
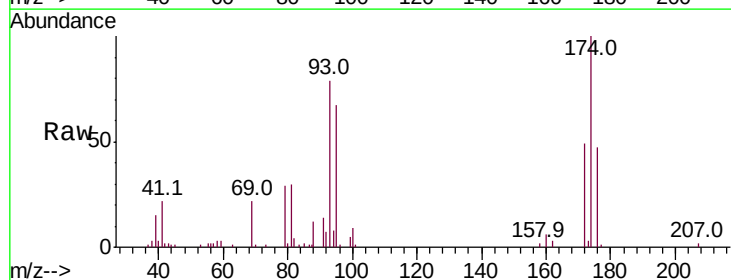
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MSD

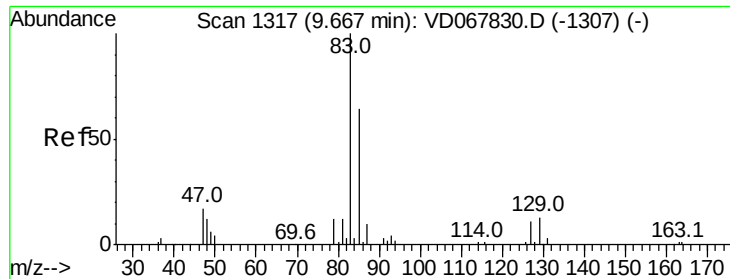
Tot Ion: 63 Resp: 64938
 Ion Ratio Lower Upper
 63 100
 65 34.1 22.8 34.2



#46
 Dibromomethane
 Concen: 43.036 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion: 93 Resp: 41019
 Ion Ratio Lower Upper
 93 100
 95 86.6 64.2 96.4
 174 123.2 91.5 137.3





#47

Bromodichloromethane

Concen: 47.308 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

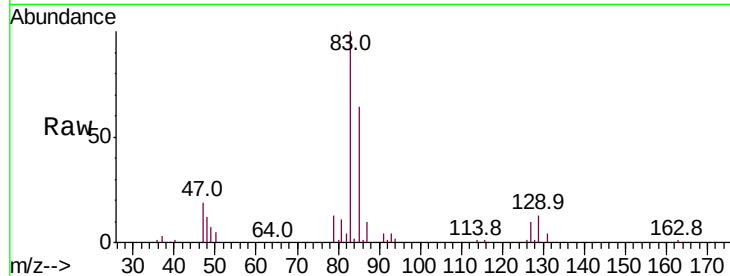
Tot Ion: 83 Resp: 128546

Ion Ratio Lower Upper

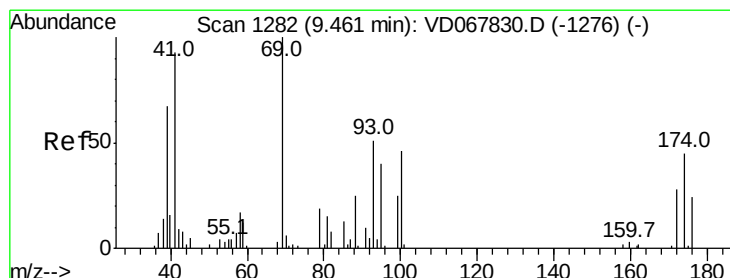
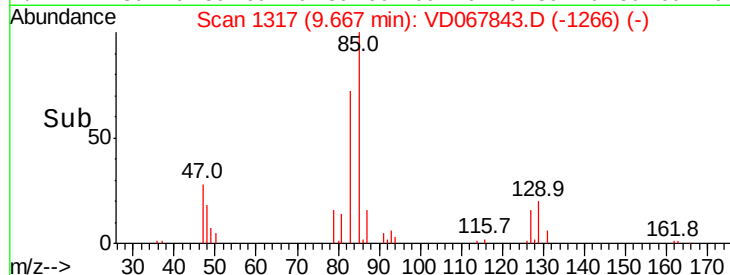
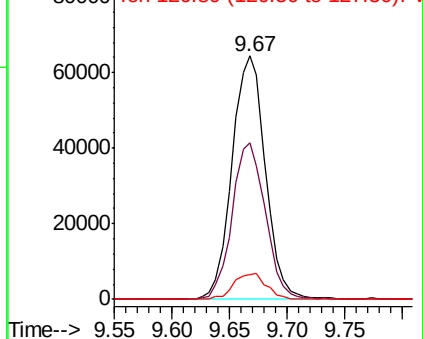
83 100

85 64.1 51.4 77.0

127 10.2 8.5 12.7



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: 52.139 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

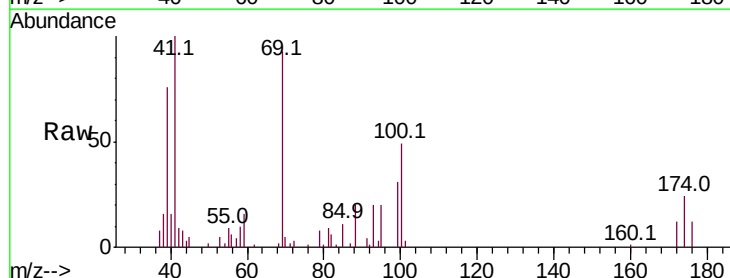
Tgt Ion: 41 Resp: 34271

Ion Ratio Lower Upper

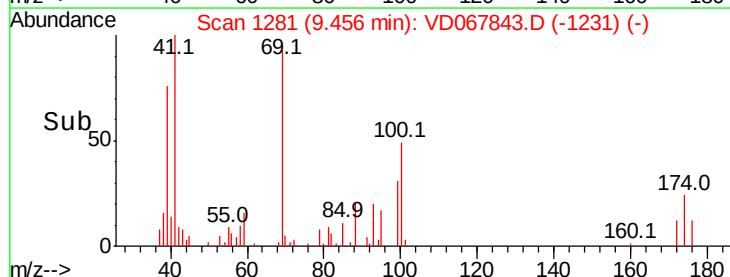
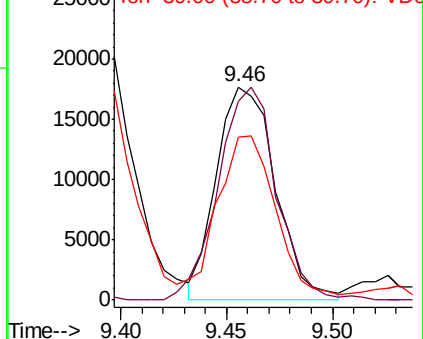
41 100

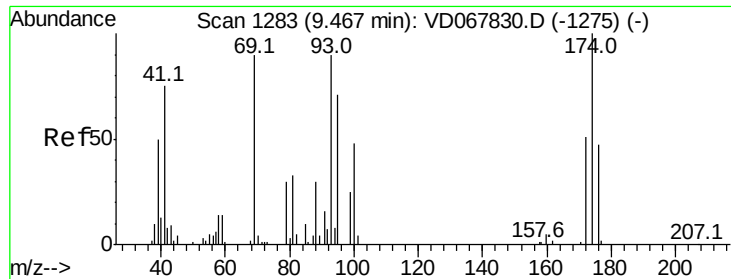
69 98.9 87.6 131.4

39 77.4 61.2 91.8



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: 827.841 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

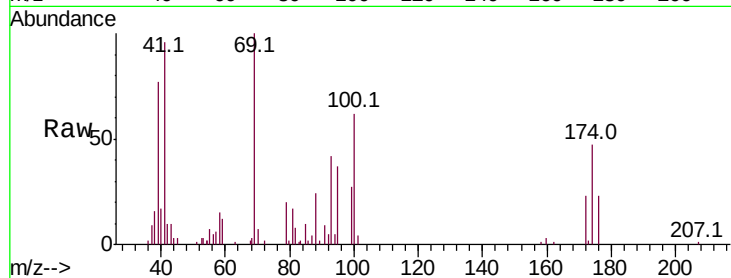
Tot Ion: 88 Resp: 9016

Ion Ratio Lower Upper

88 100

43 33.4 30.1 45.1

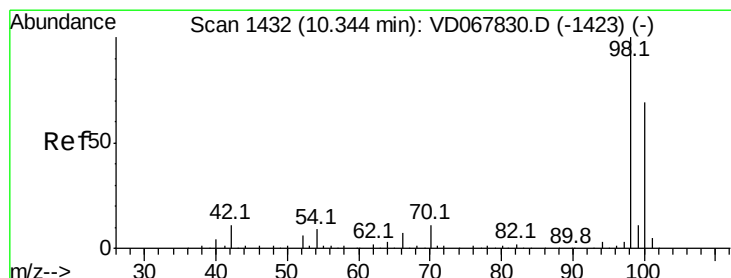
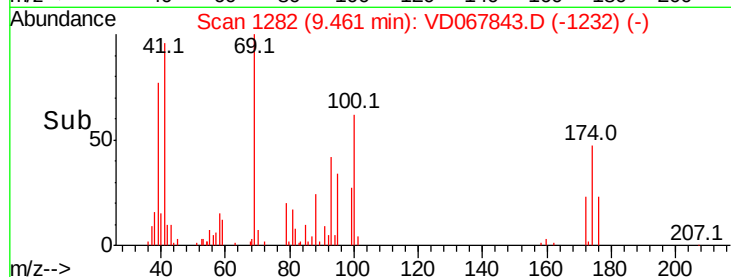
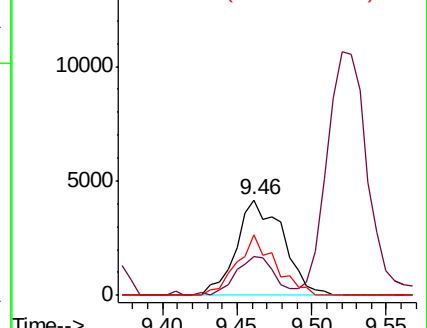
58 51.9 42.4 63.6



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.238 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067843.D

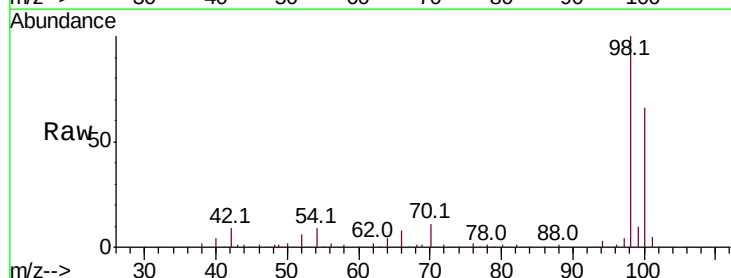
Acq: 02 Dec 2020 18:41

Tgt Ion: 98 Resp: 334428

Ion Ratio Lower Upper

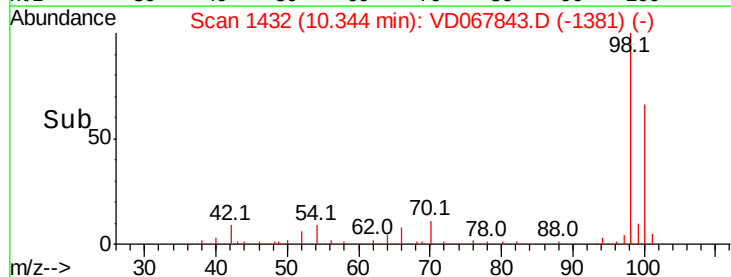
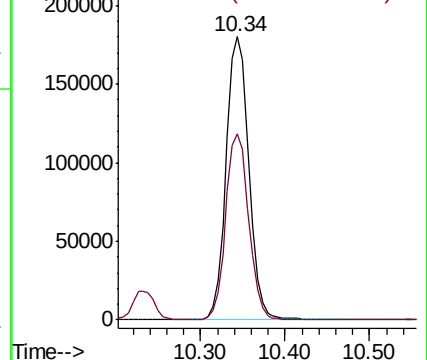
98 100

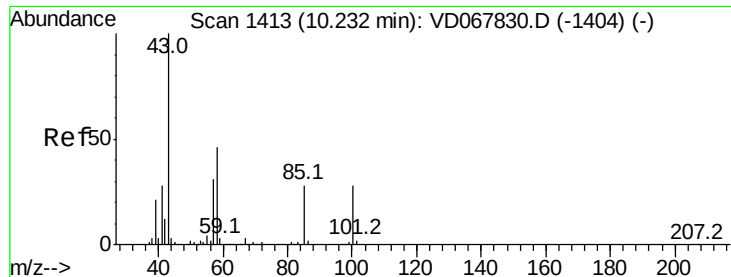
100 66.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 204.012 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

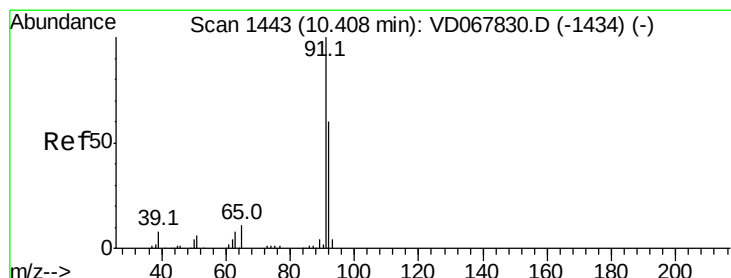
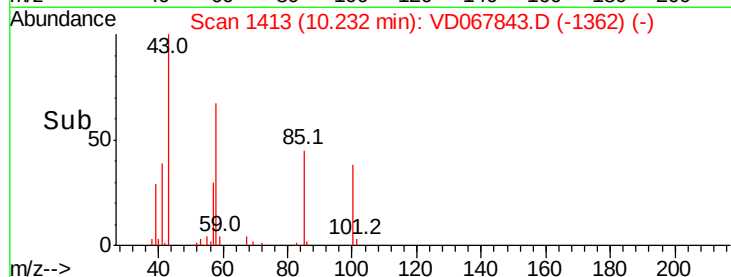
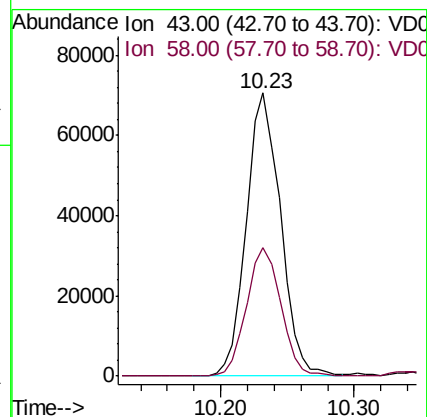
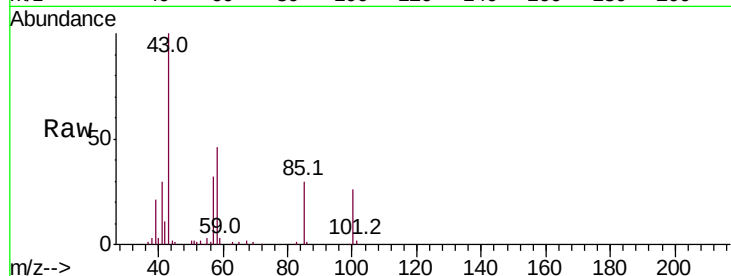
KENS-B4-112320-0-2MSD

Tot Ion: 43 Resp: 124988

Ion Ratio Lower Upper

43 100

58 45.8 35.7 53.5



#52

Toluene

Concen: 47.038 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067843.D

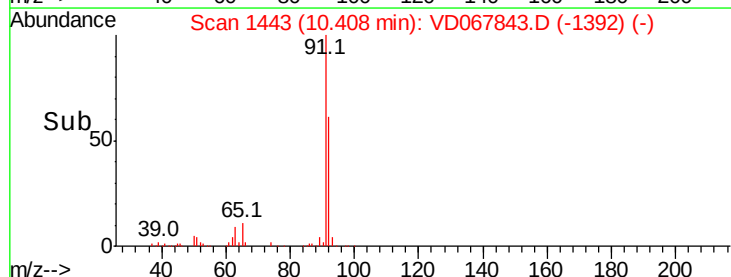
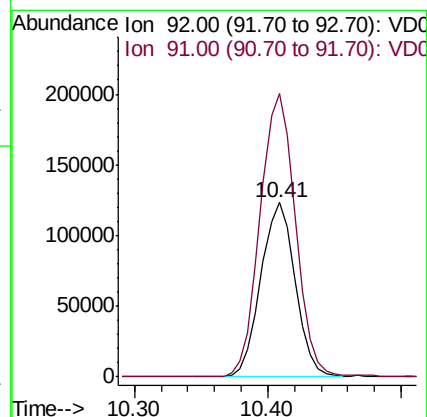
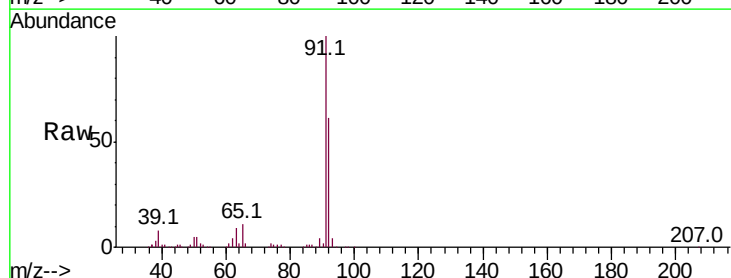
Acq: 02 Dec 2020 18:41

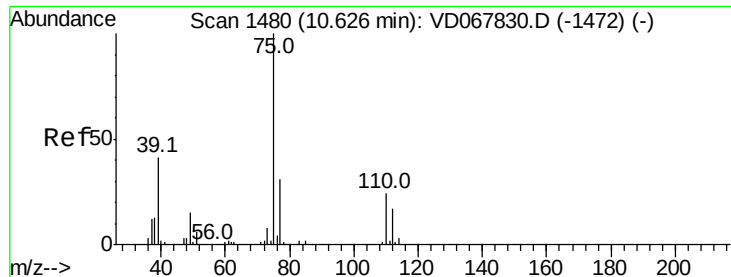
Tgt Ion: 92 Resp: 219658

Ion Ratio Lower Upper

92 100

91 167.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 43.525 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

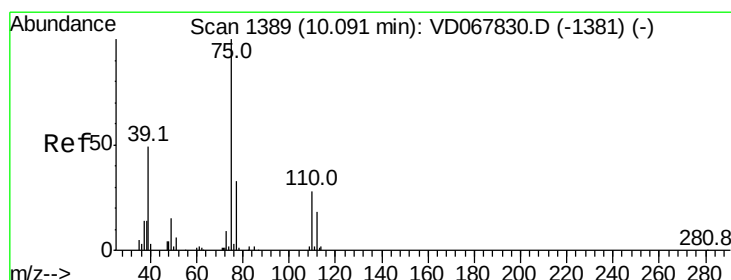
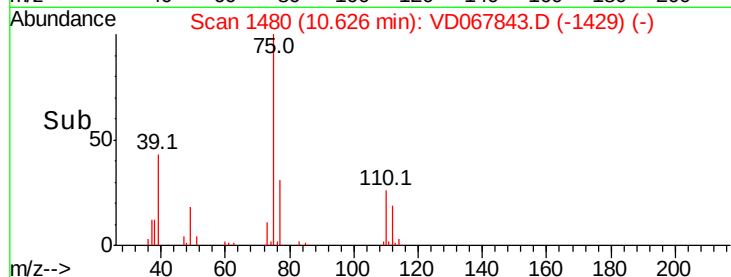
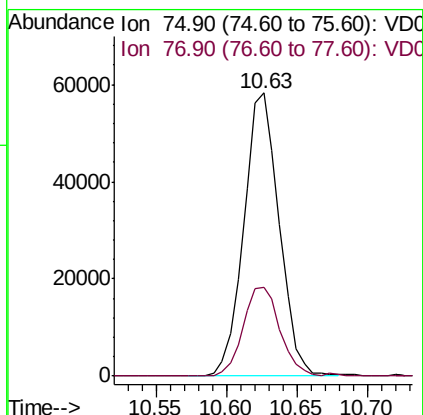
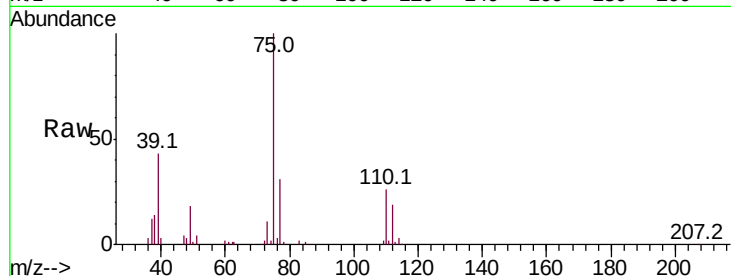
KENS-B4-112320-0-2MSD

Tot Ion: 75 Resp: 102078

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 47.575 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

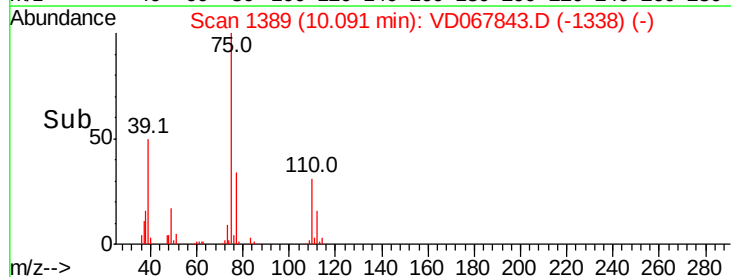
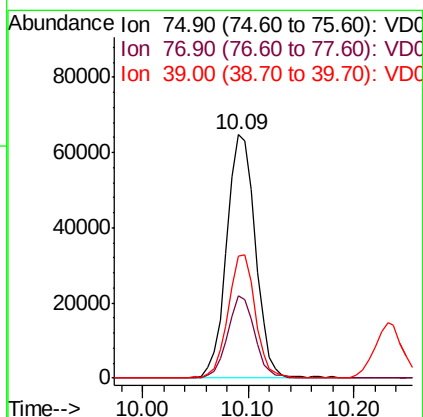
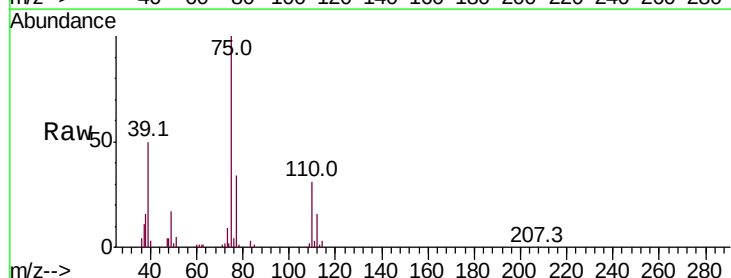
Tgt Ion: 75 Resp: 121367

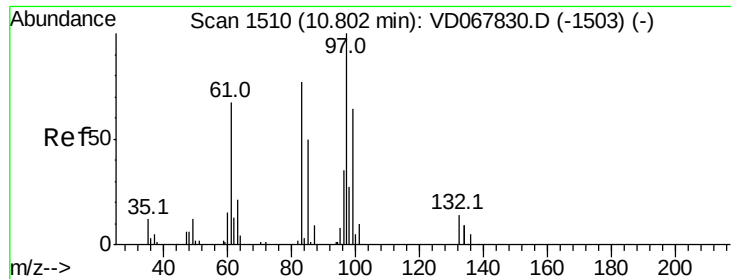
Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

39 50.1 39.0 58.4

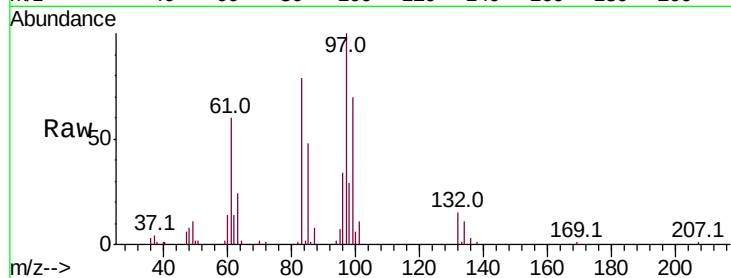




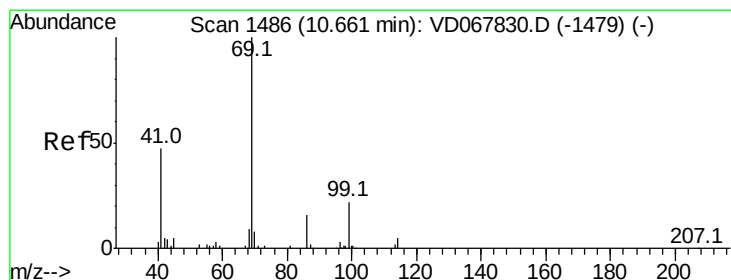
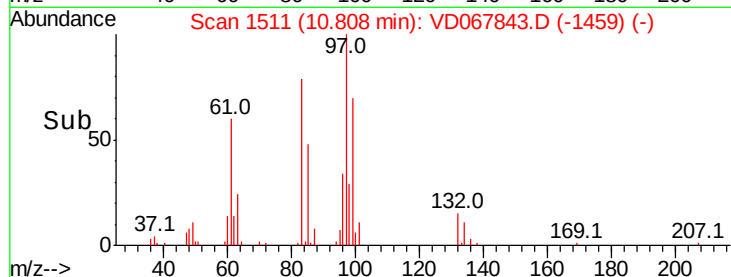
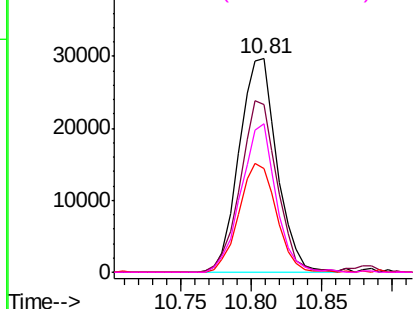
#55
 1,1,2-Trichloroethane
 Concen: 42.679 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

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

Tot Ion:	97	Resp:	55670
Ion	Ratio	Lower	Upper
97	100		
83	78.6	61.9	92.9
85	48.3	40.2	60.4
99	69.8	51.0	76.6

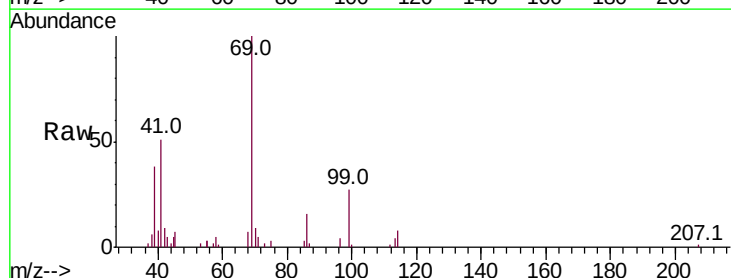


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

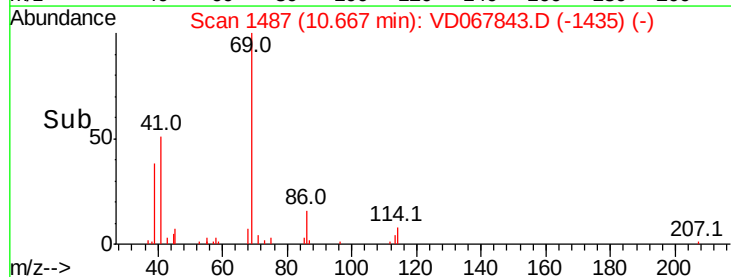
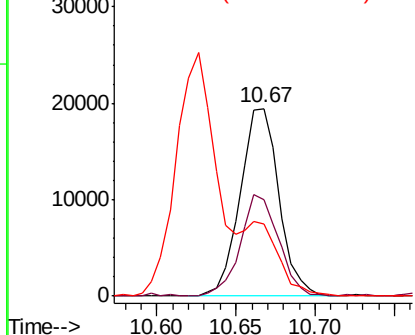


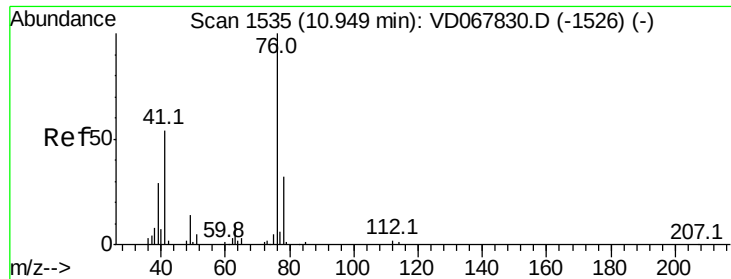
#56
 Ethyl methacrylate
 Concen: 24.917 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion:	69	Resp:	33068
Ion	Ratio	Lower	Upper
69	100		
41	53.2	42.8	64.2
39	0.0	30.5	45.7#



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





#57

1,3-Dichloropropane

Concen: 43.886 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

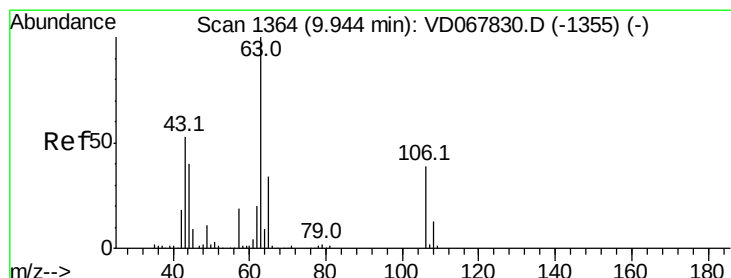
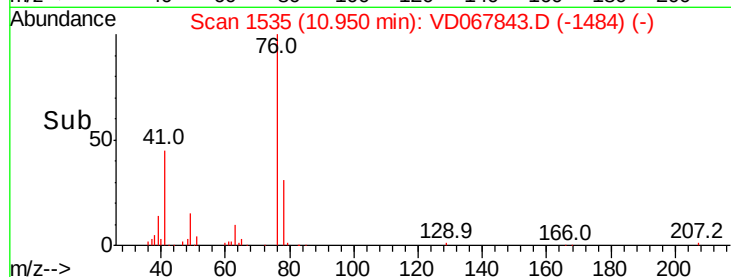
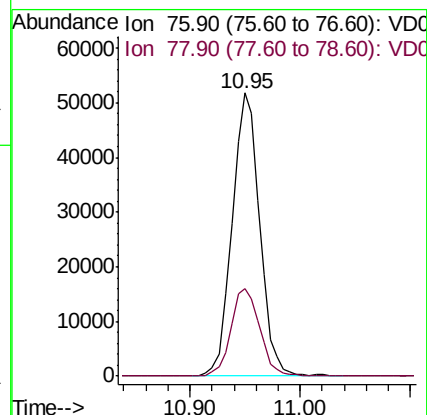
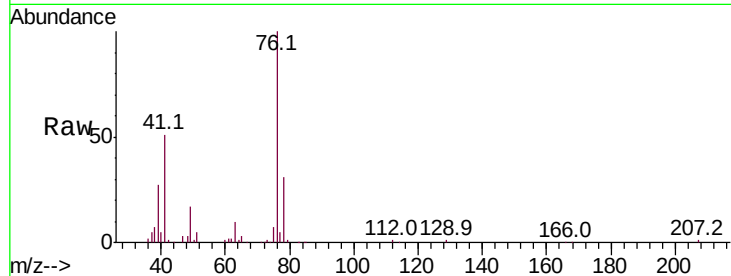
KENS-B4-112320-0-2MSD

Tot Ion: 76 Resp: 90676

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 238.883 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067843.D

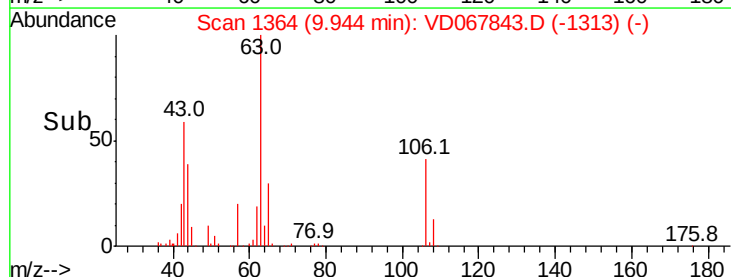
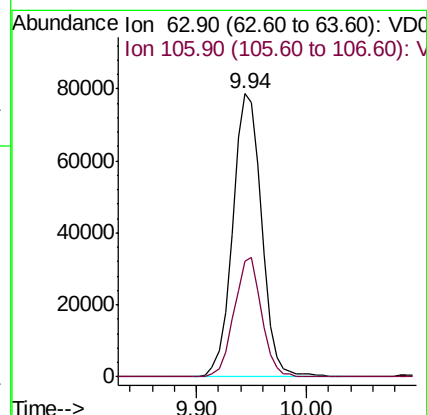
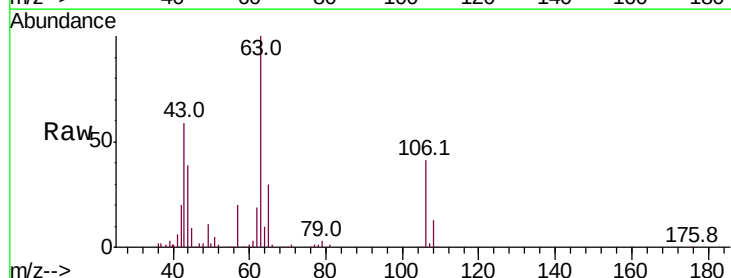
Acq: 02 Dec 2020 18:41

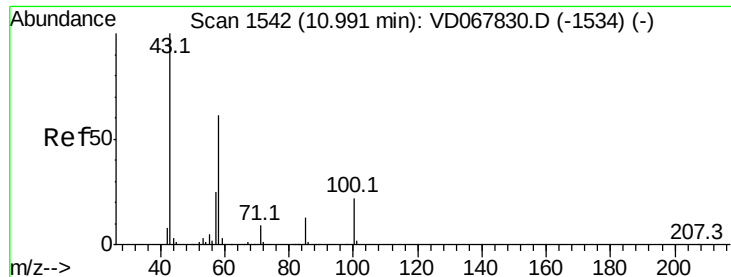
Tgt Ion: 63 Resp: 144259

Ion Ratio Lower Upper

63 100

106 40.0 32.0 48.0

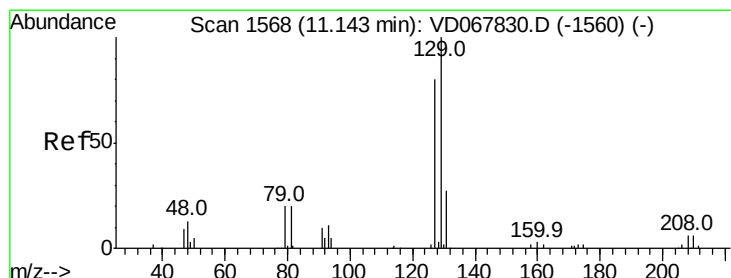
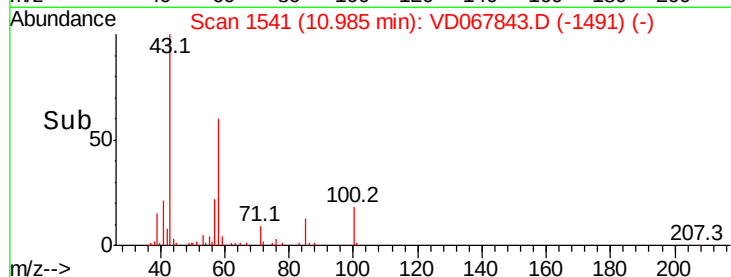
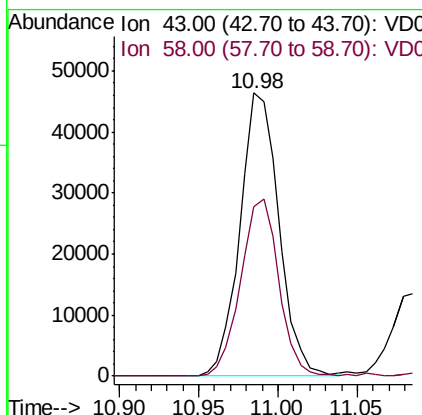
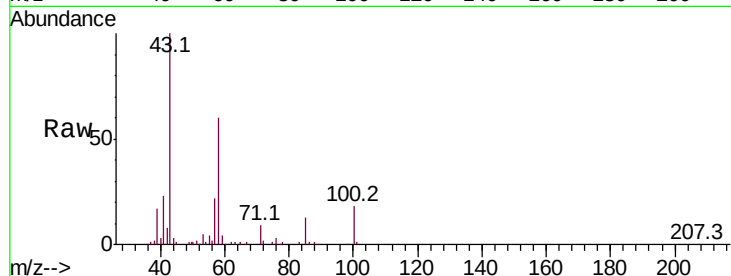




#59
2-Hexanone
Concen: 184.014 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

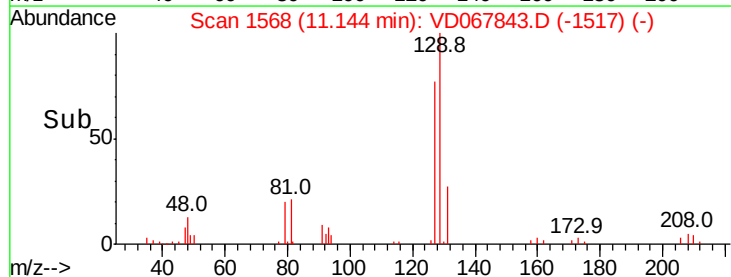
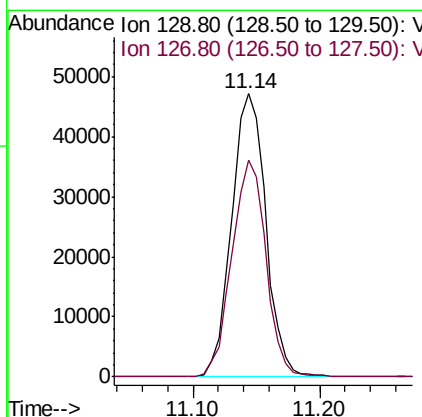
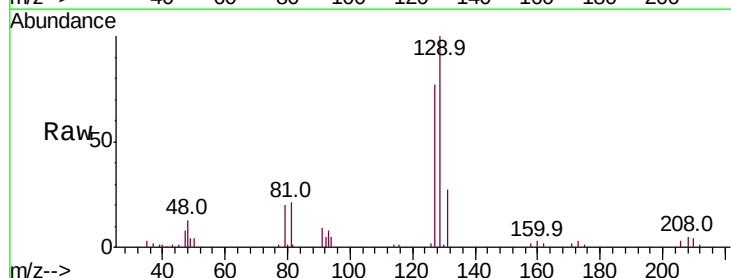
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MSD

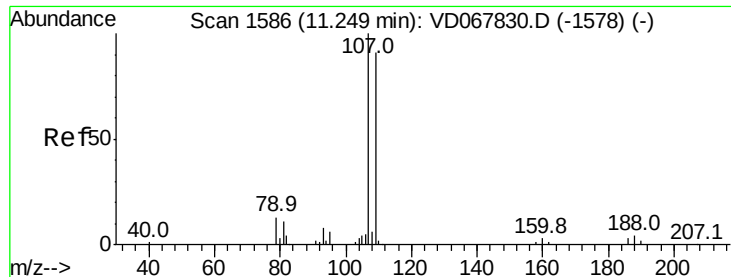
Tot Ion: 43 Resp: 79473
Ion Ratio Lower Upper
43 100
58 61.1 29.9 89.7



#60
Dibromochloromethane
Concen: 44.632 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion: 129 Resp: 87758
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 40.698 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

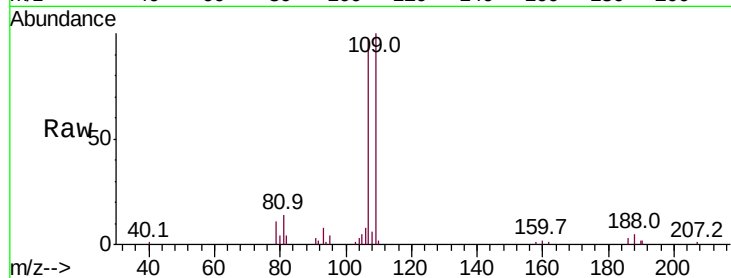
KENS-B4-112320-0-2MSD

Tot Ion:107 Resp: 52203

Ion Ratio Lower Upper

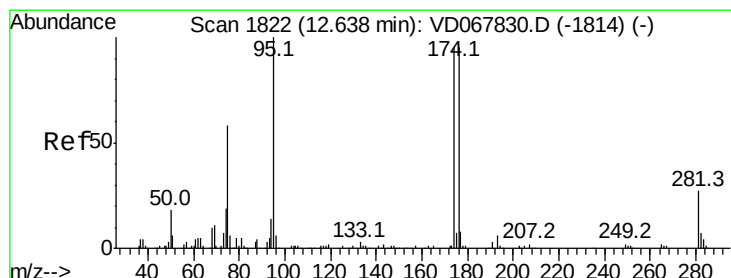
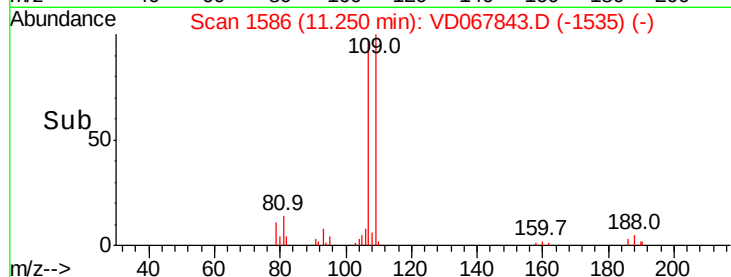
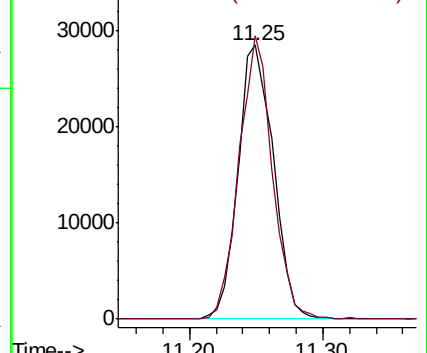
107 100

109 97.3 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.879 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

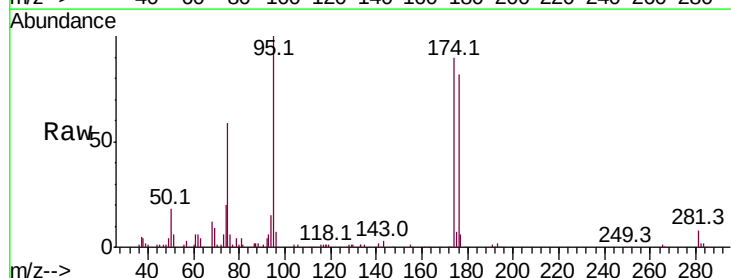
Tgt Ion: 95 Resp: 98339

Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.0

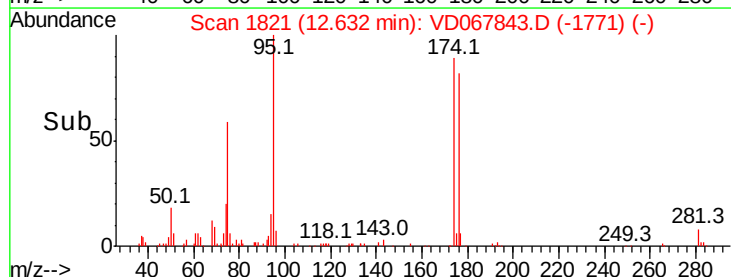
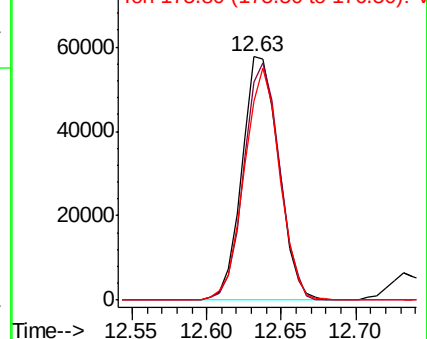
176 91.6 0.0 184.2

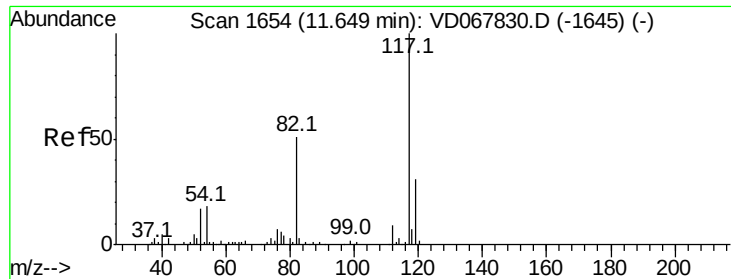


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

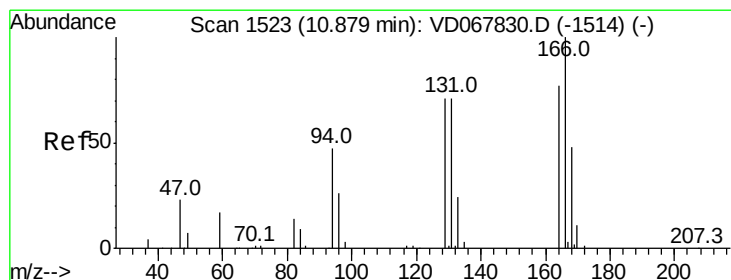
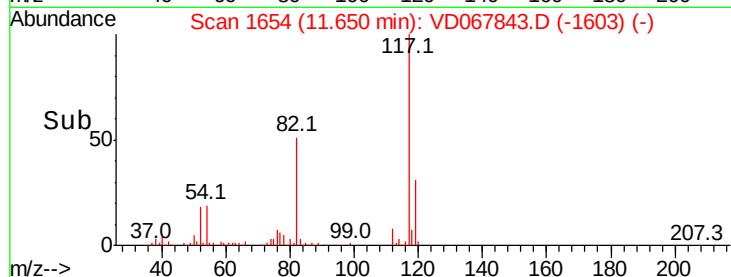
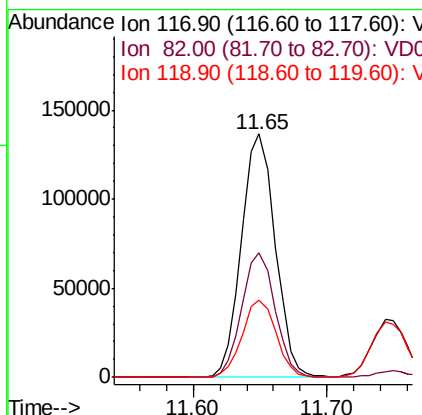
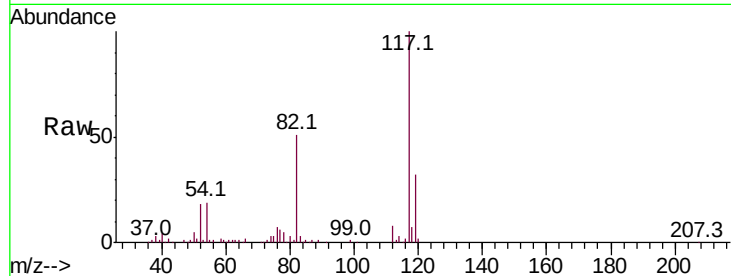




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

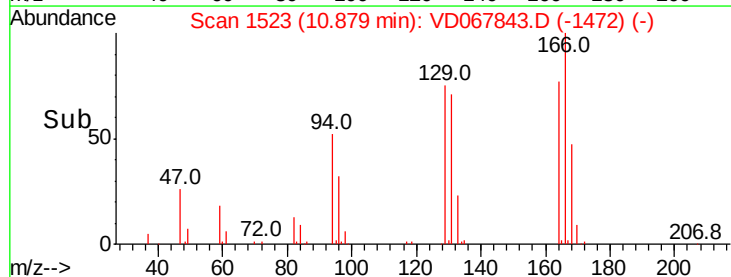
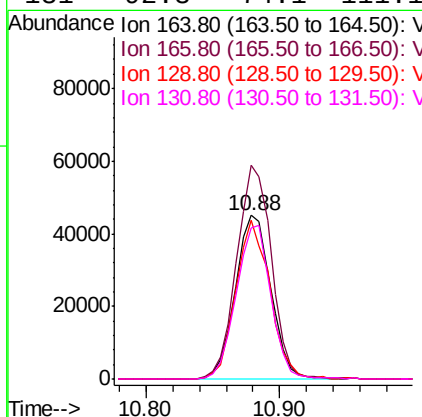
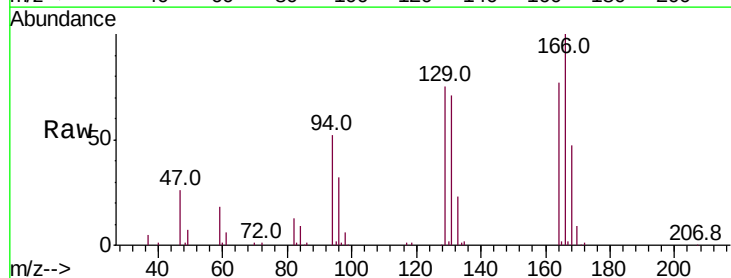
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MSD

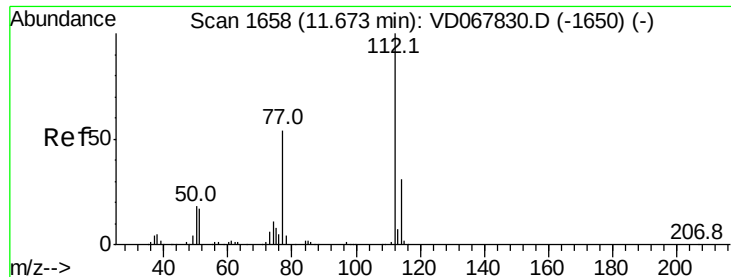
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.6	60.8
119	31.6	25.1	37.7



#64
Tetrachloroethene
Concen: 42.395 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.8	155.6
129	97.3	73.3	109.9
131	92.3	74.1	111.1





#65

Chlorobenzene

Concen: 45.701 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

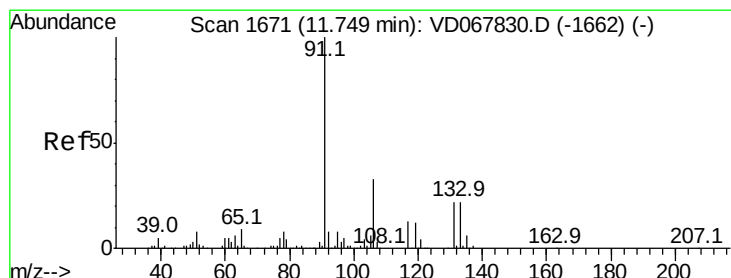
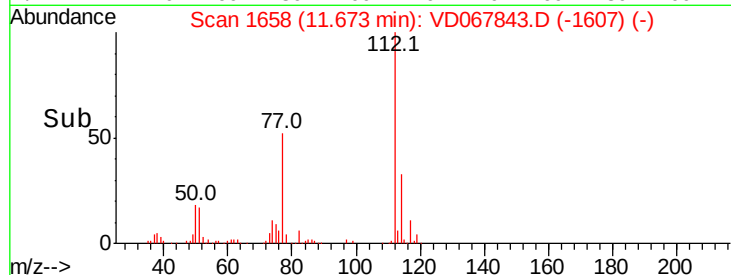
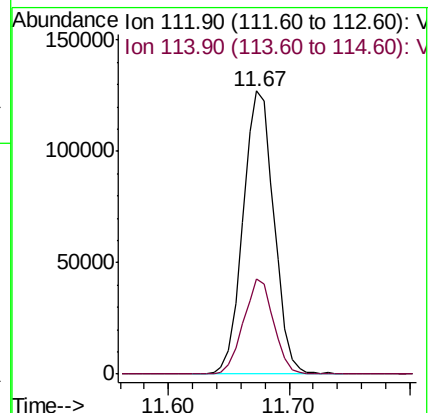
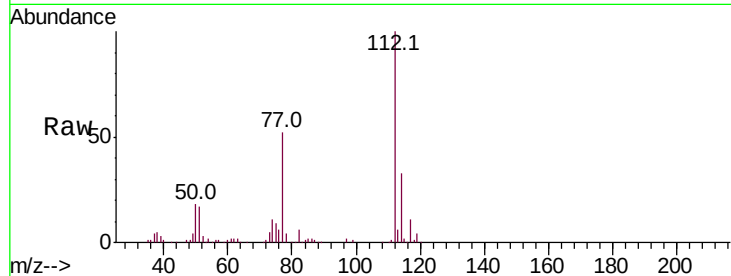
KENS-B4-112320-0-2MSD

Tot Ion:112 Resp: 226866

Ion Ratio Lower Upper

112 100

114 33.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.909 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

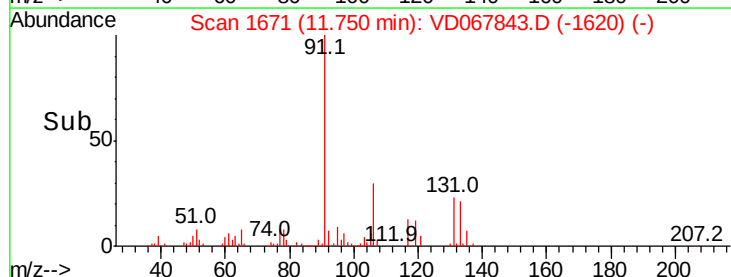
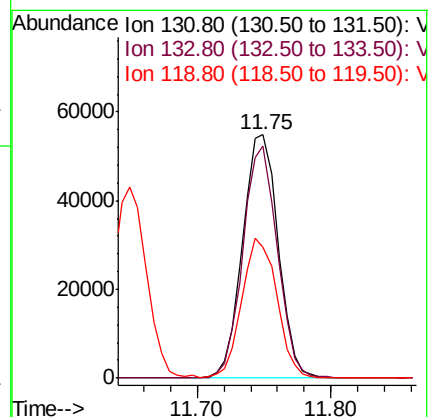
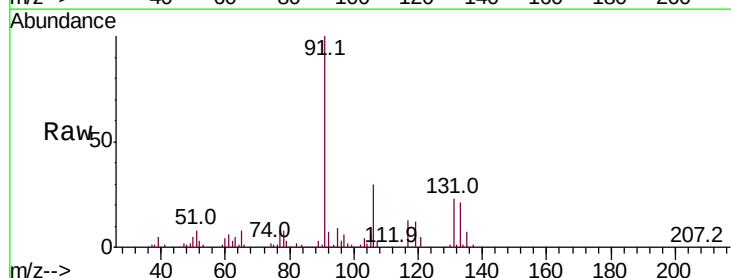
Tgt Ion:131 Resp: 101051

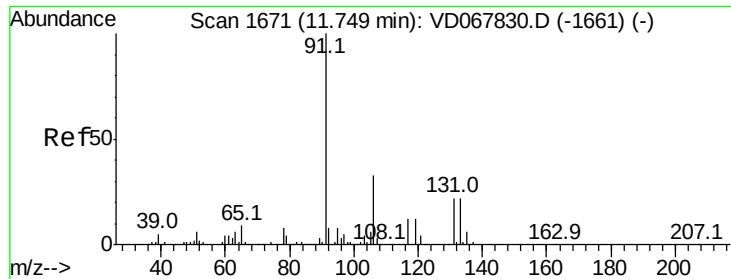
Ion Ratio Lower Upper

131 100

133 92.6 49.9 149.7

119 57.1 29.6 88.9





#67

Ethyl Benzene

Concen: 46.994 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

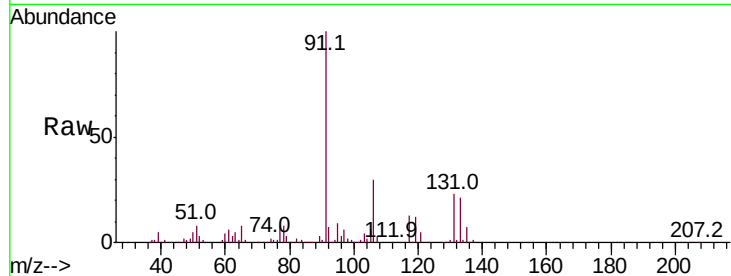
KENS-B4-112320-0-2MSD

Tot Ion: 91 Resp: 397400

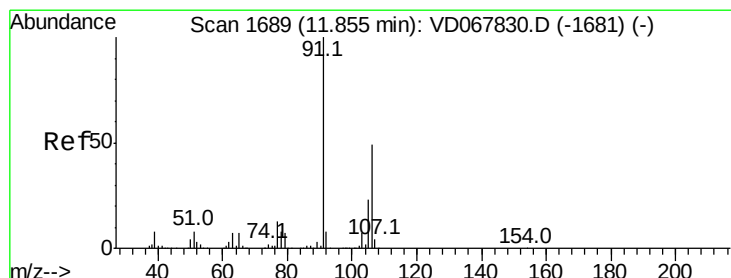
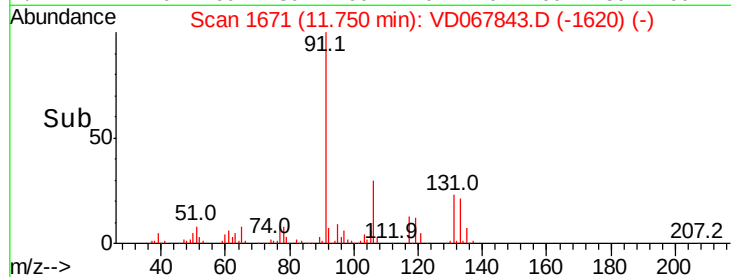
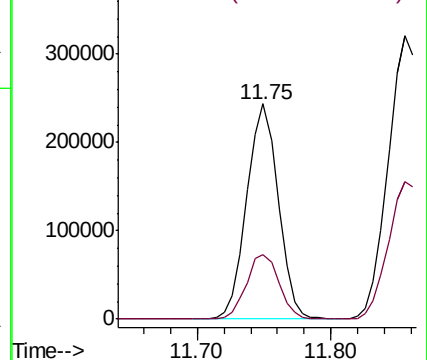
Ion Ratio Lower Upper

91 100

106 29.7 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 91.497 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067843.D

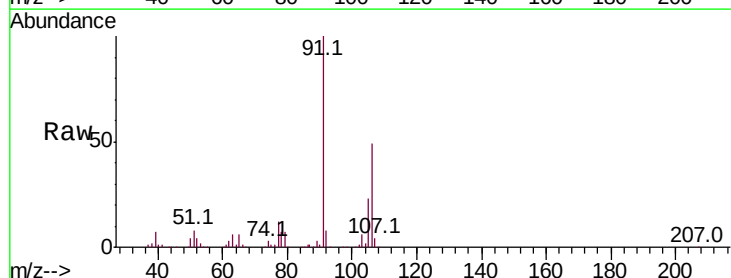
Acq: 02 Dec 2020 18:41

Tgt Ion: 106 Resp: 305089

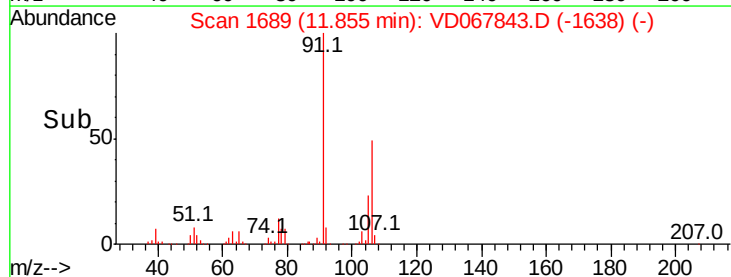
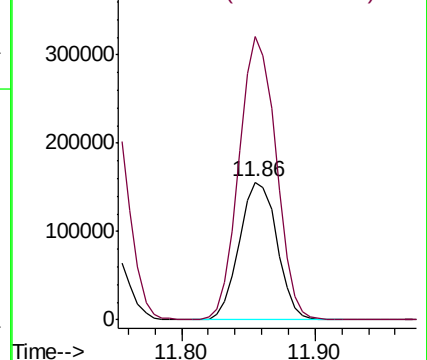
Ion Ratio Lower Upper

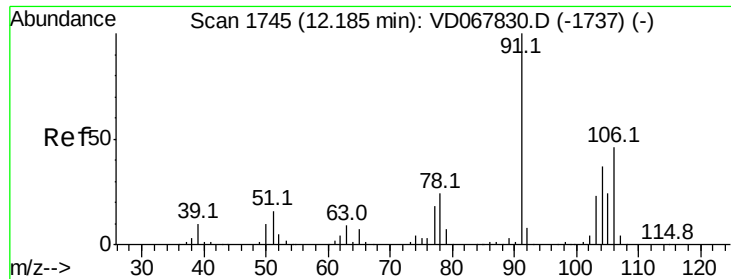
106 100

91 202.8 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

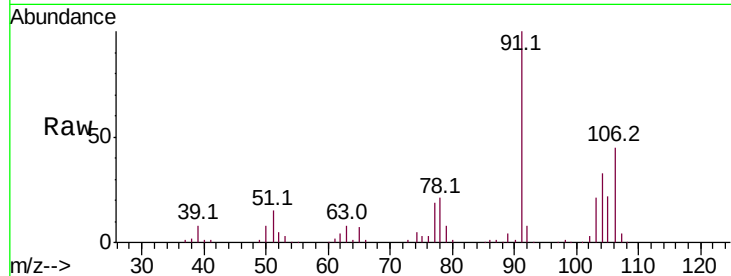




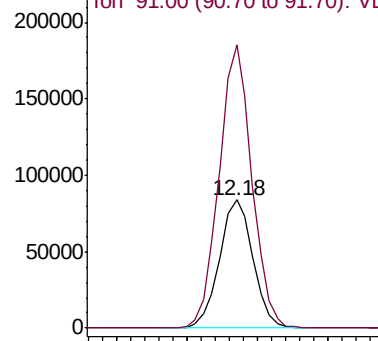
#69
o-Xylene
Concen: 47.237 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

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

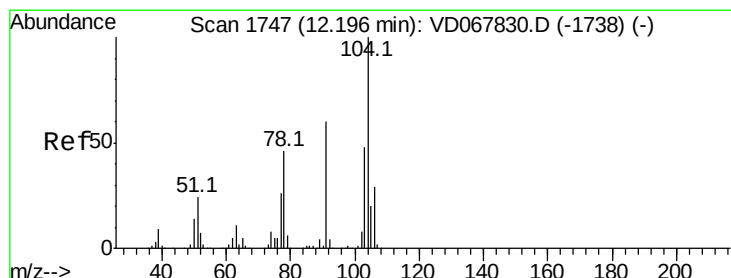
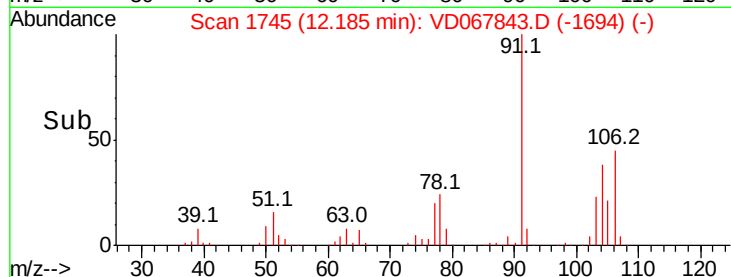
Tot Ion:106 Resp: 139831
Ion Ratio Lower Upper
106 100
91 215.9 107.5 322.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

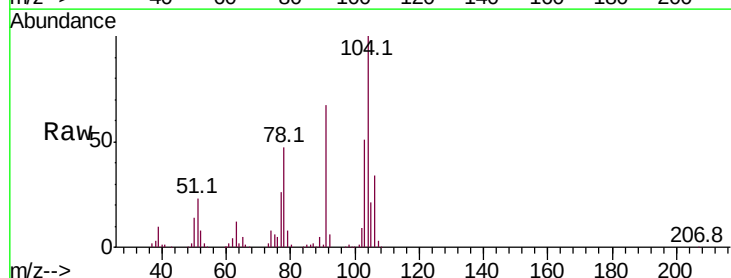


Time-->

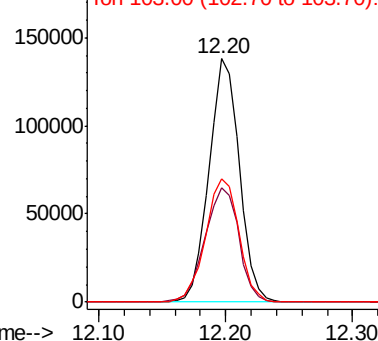


#70
Styrene
Concen: 44.442 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

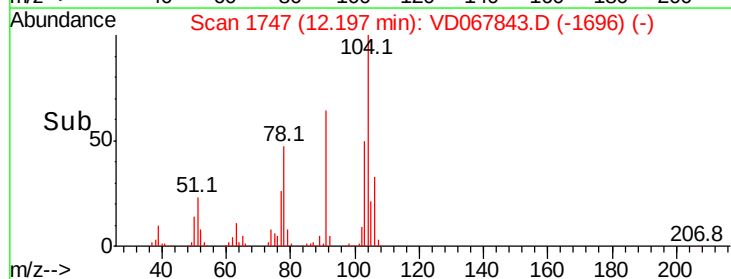
Tgt Ion:104 Resp: 228757
Ion Ratio Lower Upper
104 100
78 52.3 41.6 62.4
103 55.7 43.2 64.8

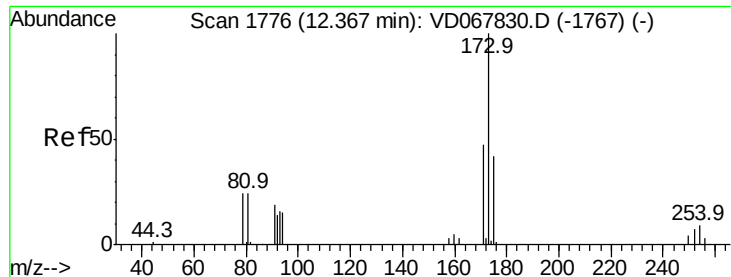


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 43.759 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

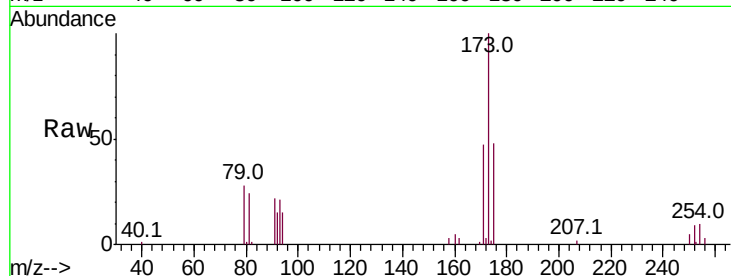
Tot Ion:173 Resp: 46899

Ion Ratio Lower Upper

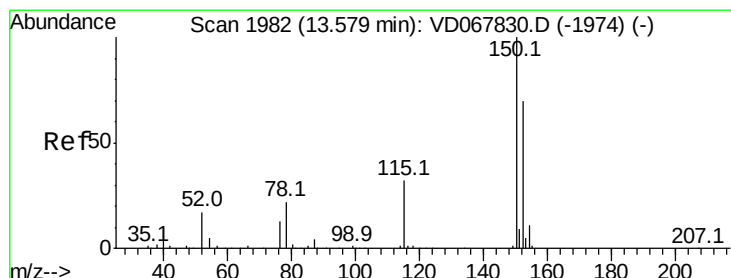
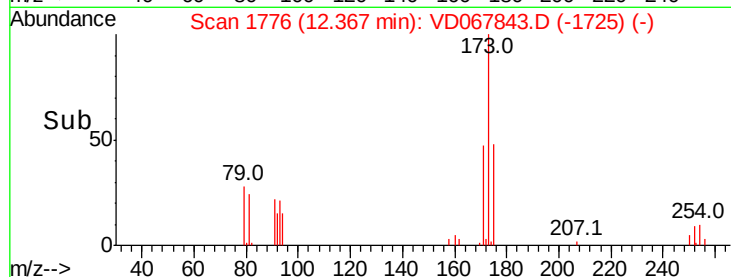
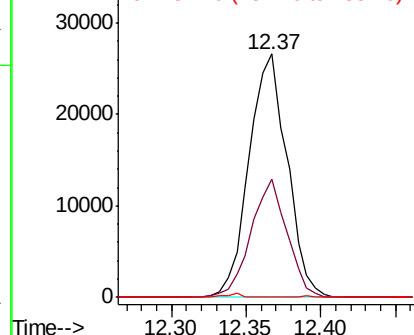
173 100

175 46.1 23.4 70.3

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

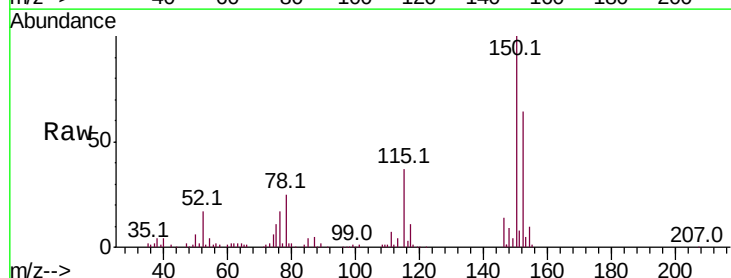
Tgt Ion:152 Resp: 99001

Ion Ratio Lower Upper

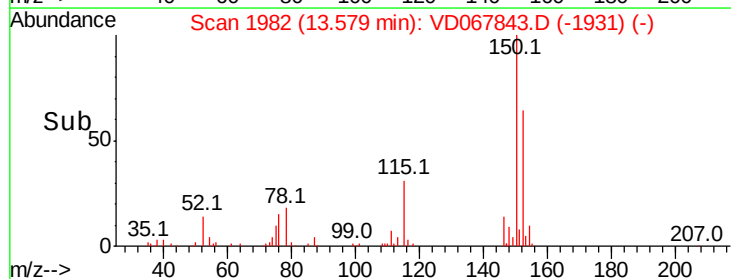
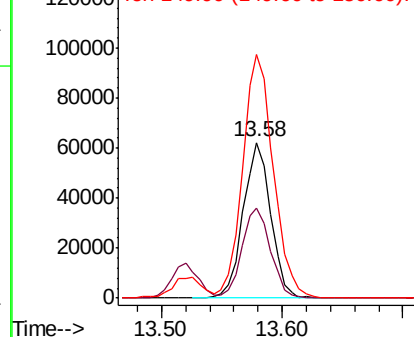
152 100

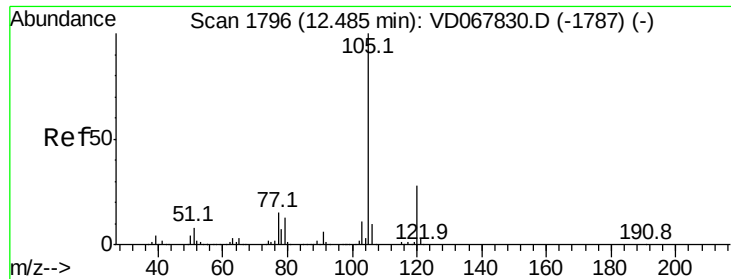
115 59.3 29.1 87.4

150 173.0 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.469 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

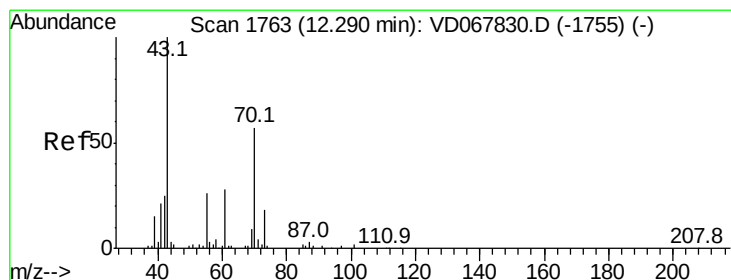
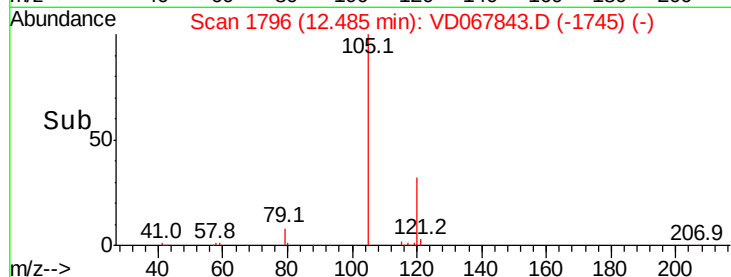
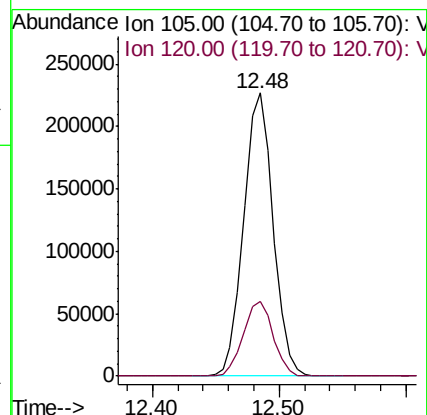
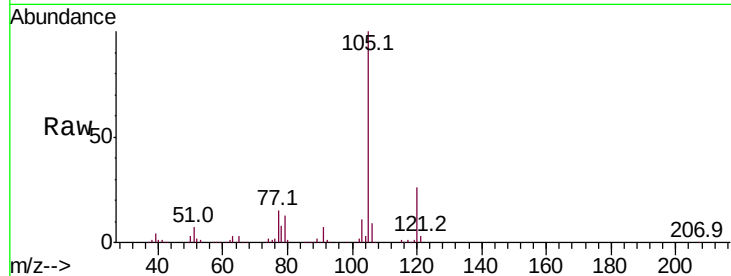
KENS-B4-112320-0-2MSD

Tot Ion:105 Resp: 364029

Ion Ratio Lower Upper

105 100

120 26.9 13.9 41.6



#74

N-ethyl acetate

Concen: 26.546 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Tgt Ion: 43 Resp: 22356

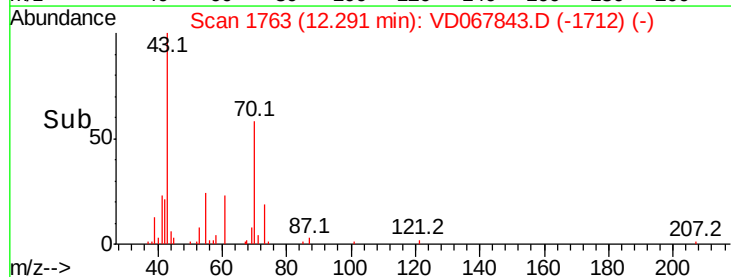
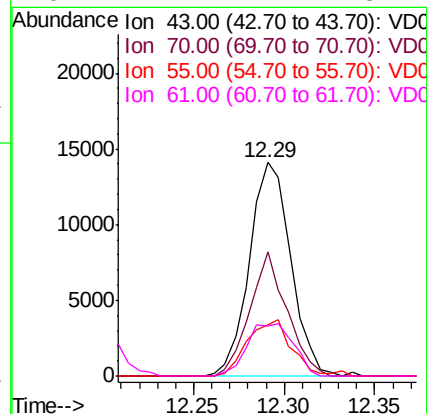
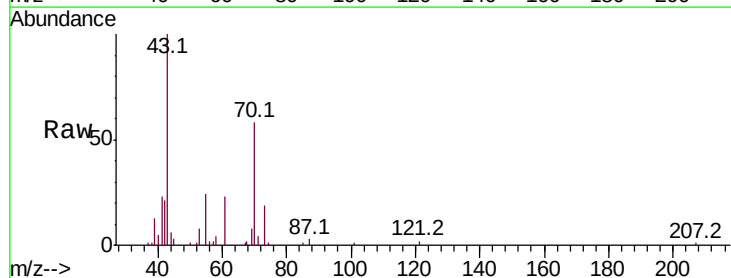
Ion Ratio Lower Upper

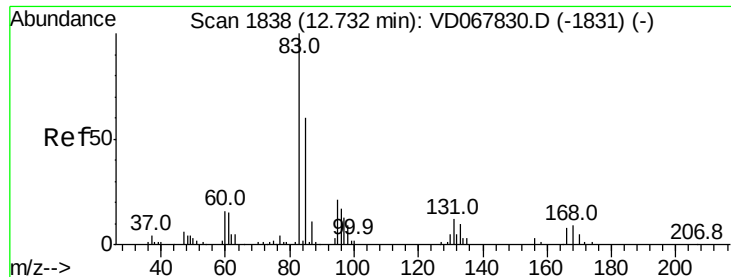
43 100

70 52.1 44.6 66.8

55 28.5 22.2 33.2

61 27.7 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.223 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

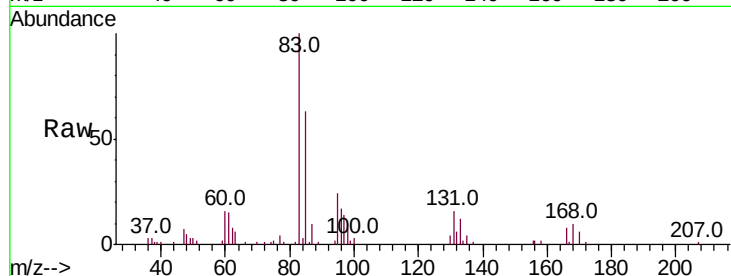
Tot Ion: 83 Resp: 46042

Ion Ratio Lower Upper

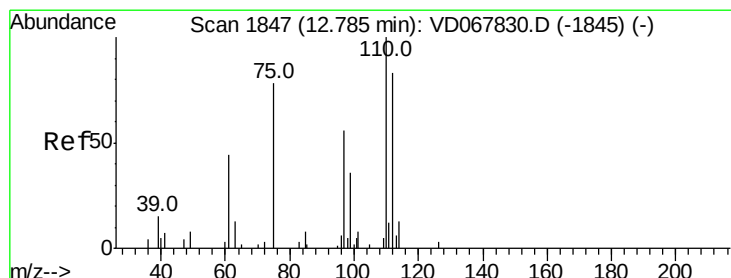
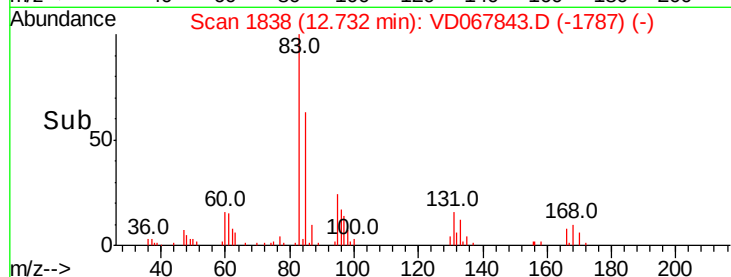
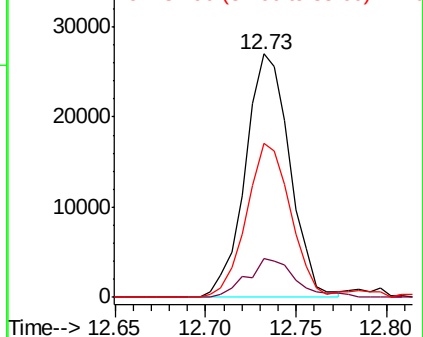
83 100

131 17.4 8.0 24.0

85 63.5 31.7 95.1



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: 94.555 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067843.D

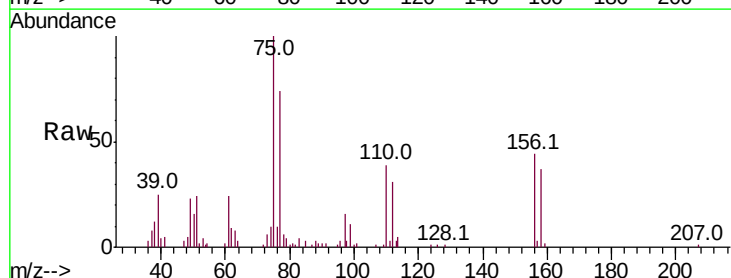
Acq: 02 Dec 2020 18:41

Tgt Ion: 75 Resp: 68170

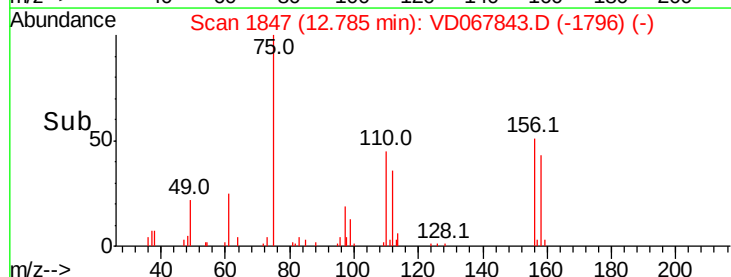
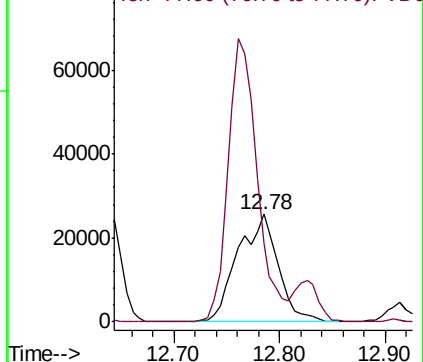
Ion Ratio Lower Upper

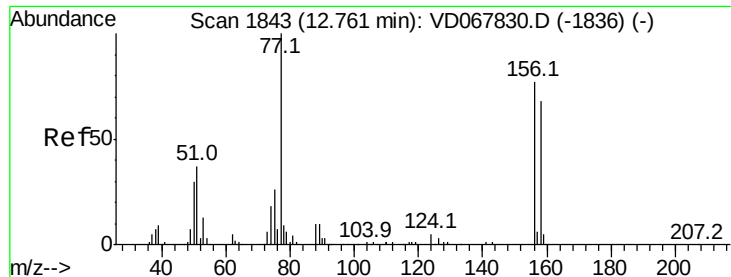
75 100

77 0.0 175.9 527.7#



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





#77

Bromobenzene

Concen: 52.163 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

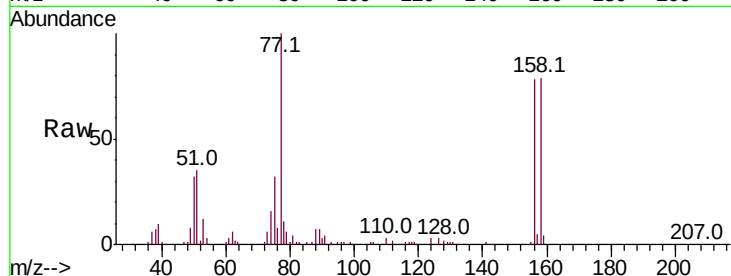
Tot Ion:156 Resp: 88290

Ion Ratio Lower Upper

156 100

77 146.2 71.5 214.5

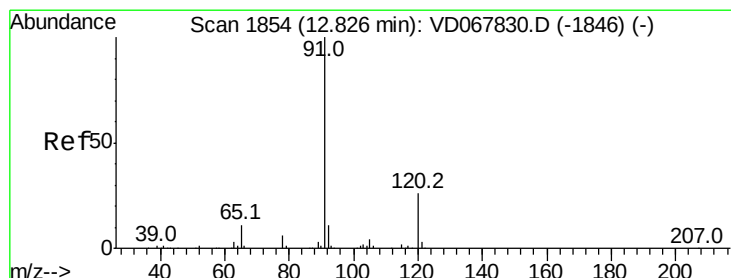
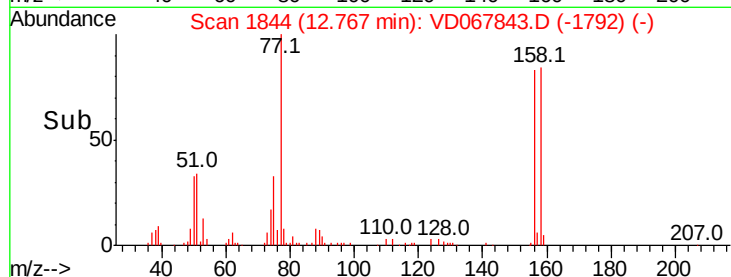
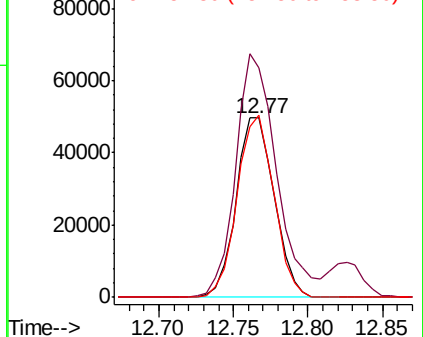
158 97.5 47.1 141.4



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: 47.733 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067843.D

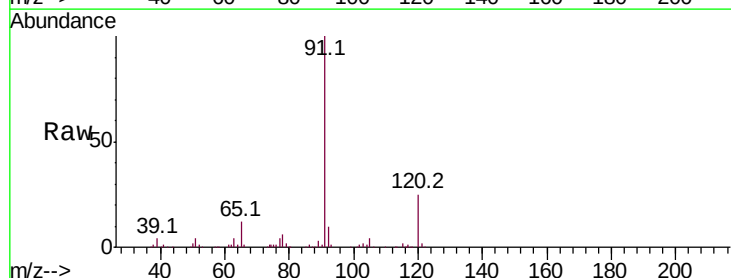
Acq: 02 Dec 2020 18:41

Tgt Ion: 91 Resp: 360188

Ion Ratio Lower Upper

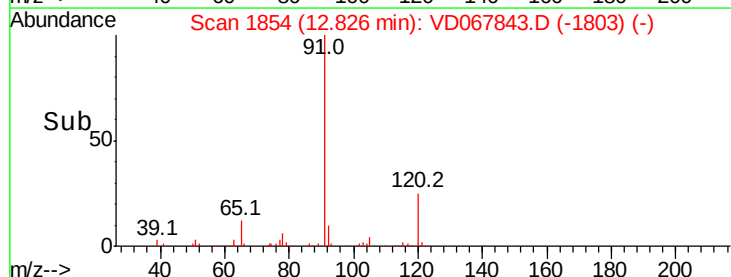
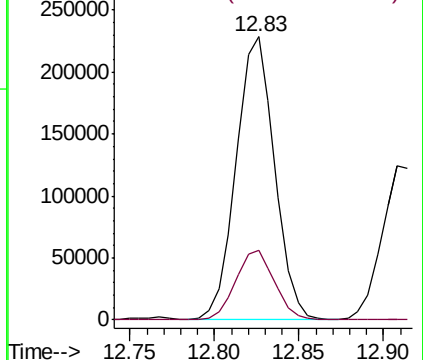
91 100

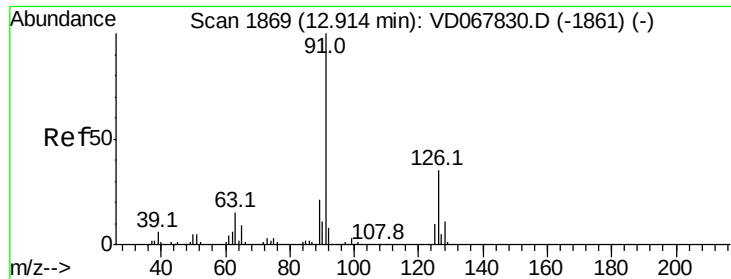
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.773 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

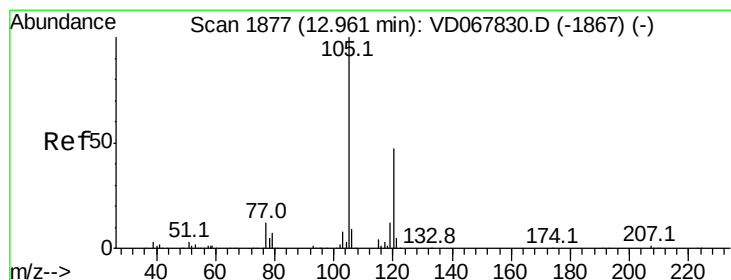
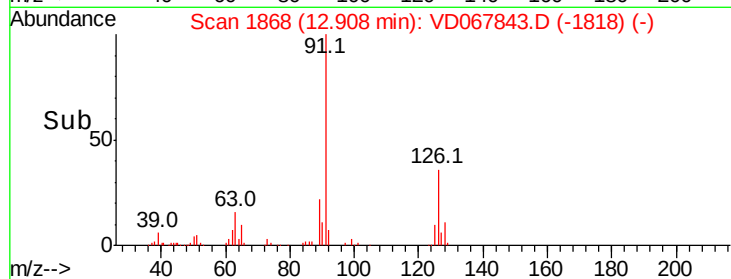
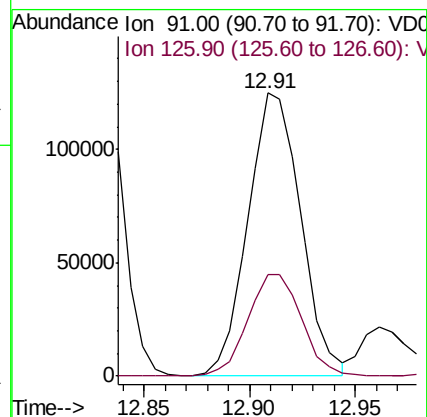
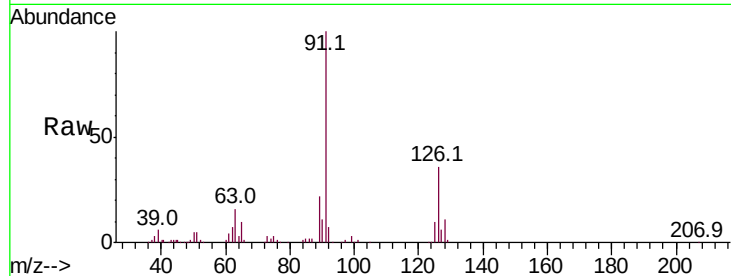
KENS-B4-112320-0-2MSD

Tot Ion: 91 Resp: 216517

Ion Ratio Lower Upper

91 100

126 36.5 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 49.875 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067843.D

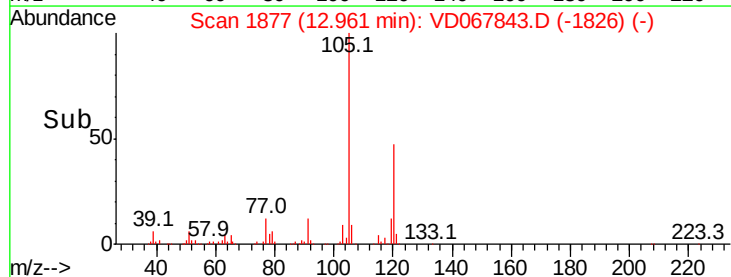
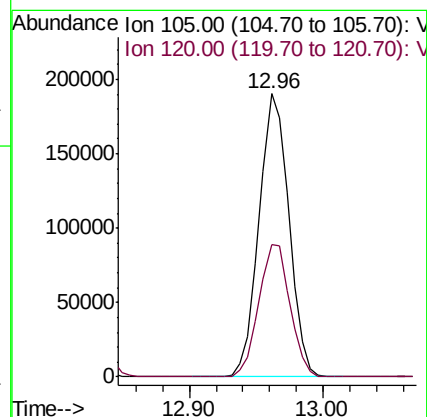
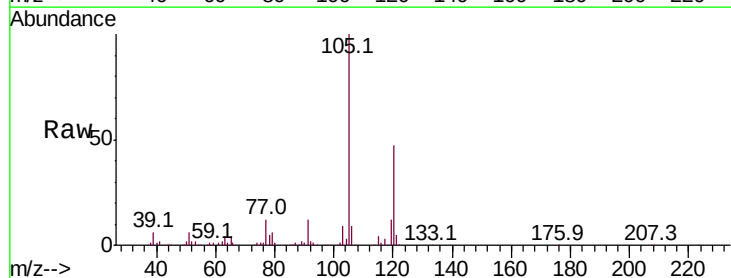
Acq: 02 Dec 2020 18:41

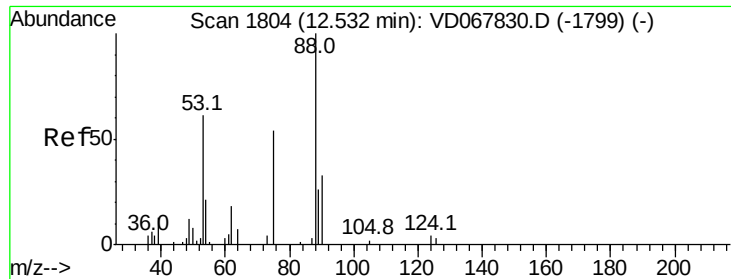
Tgt Ion:105 Resp: 293995

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.006 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

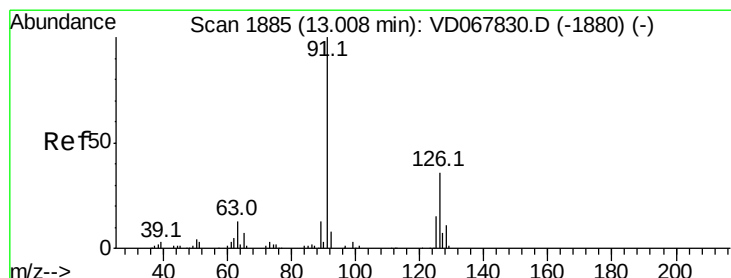
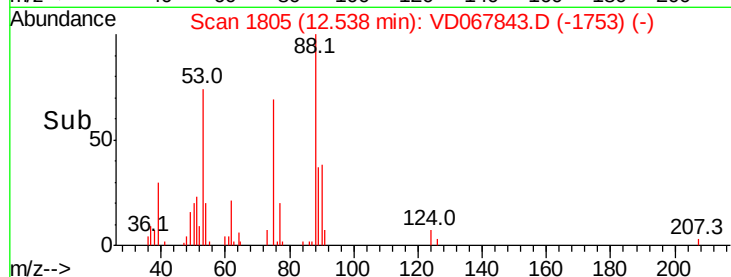
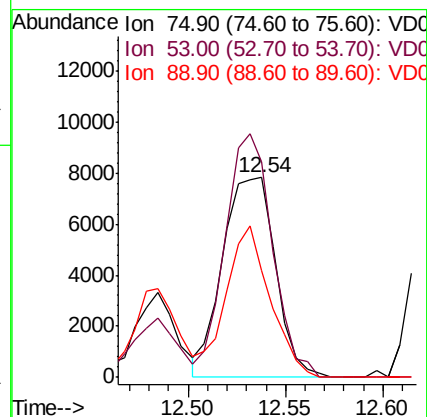
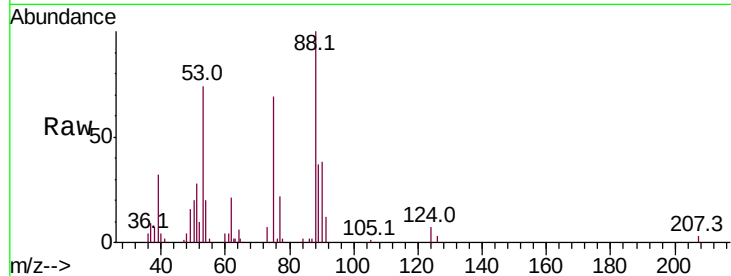
Tot Ion: 75 Resp: 14770

Ion Ratio Lower Upper

75 100

53 108.5 84.6 127.0

89 63.1 41.0 61.6#



#82

4-Chlorotoluene

Concen: 47.419 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067843.D

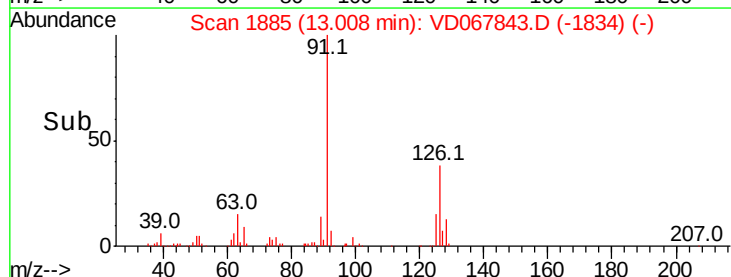
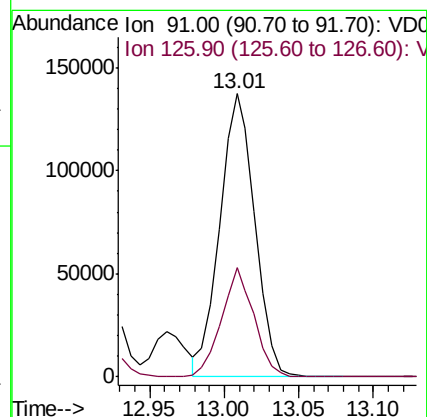
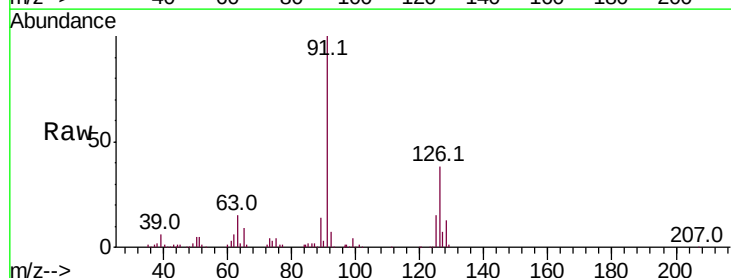
Acq: 02 Dec 2020 18:41

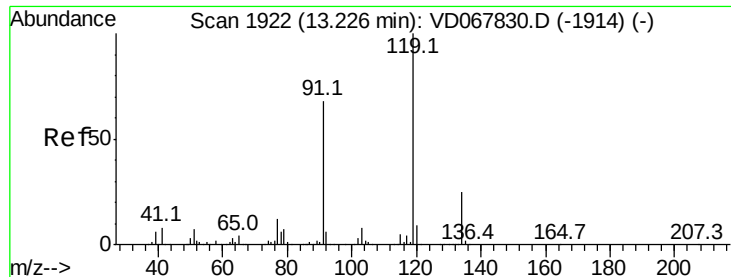
Tgt Ion: 91 Resp: 224551

Ion Ratio Lower Upper

91 100

126 36.0 18.1 54.4





#83

tert-Butylbenzene

Concen: 48.804 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MSD

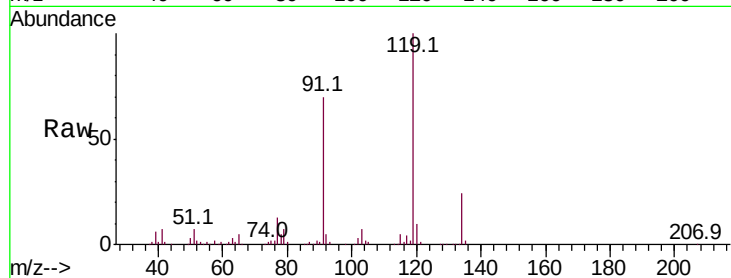
Tot Ion:119 Resp: 244805

Ion Ratio Lower Upper

119 100

91 69.0 33.1 99.3

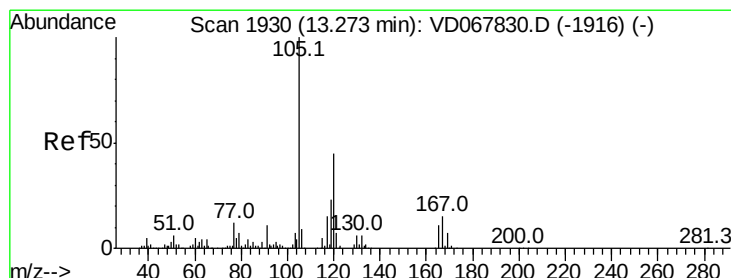
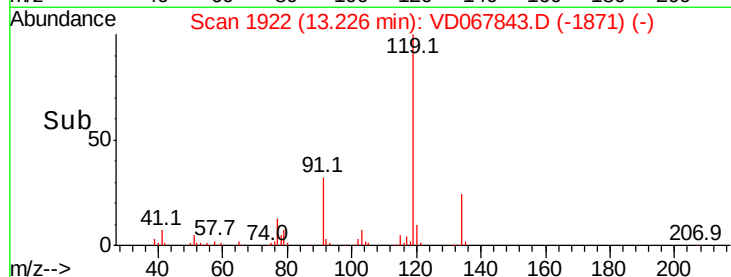
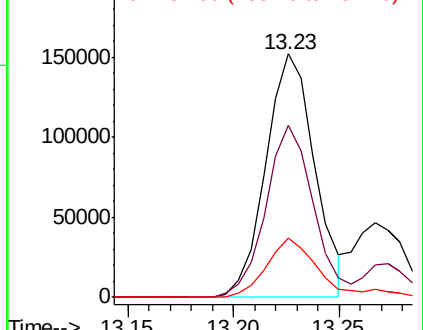
134 24.8 13.6 40.8



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: 48.704 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067843.D

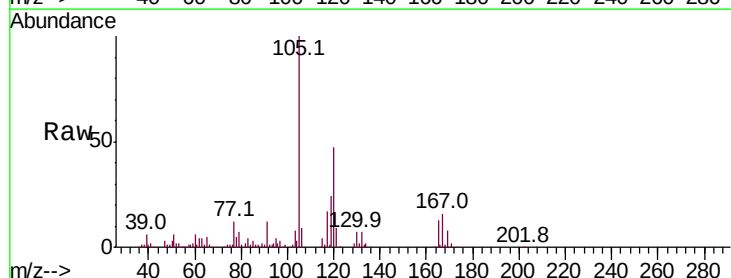
Acq: 02 Dec 2020 18:41

Tgt Ion:105 Resp: 285485

Ion Ratio Lower Upper

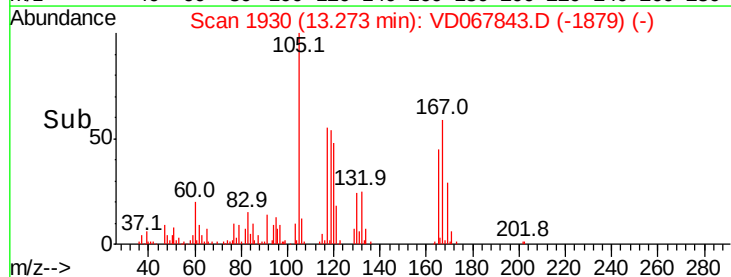
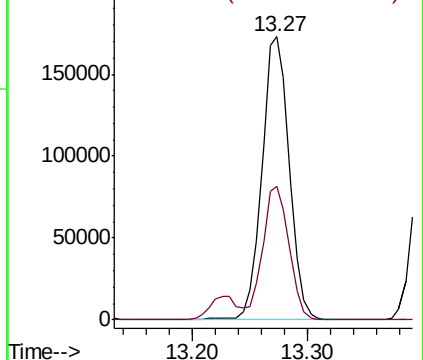
105 100

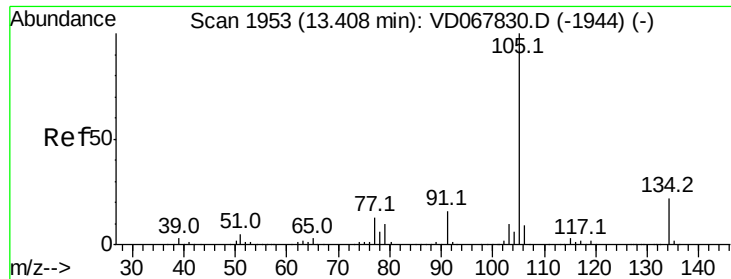
120 45.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

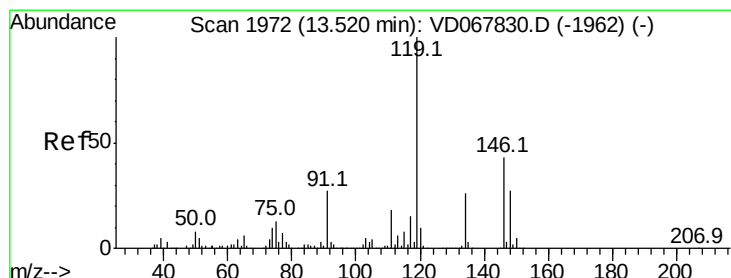
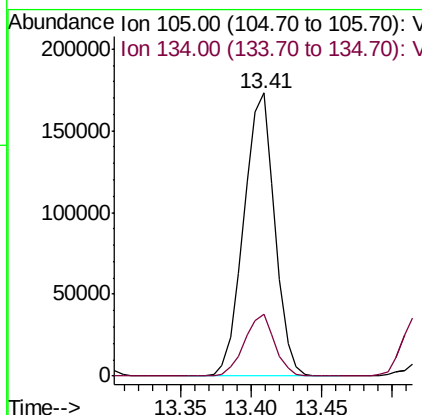
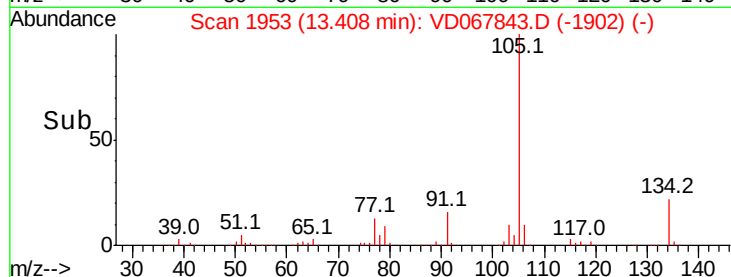
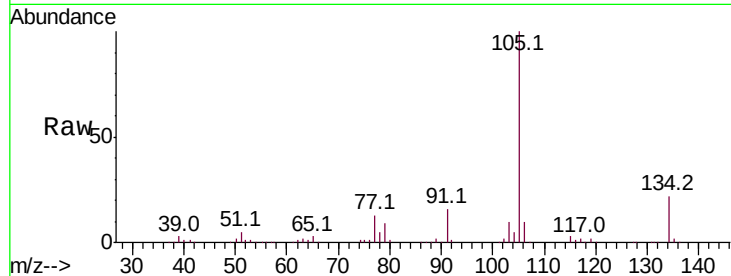




#85
 sec-Butylbenzene
 Concen: 39.669 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

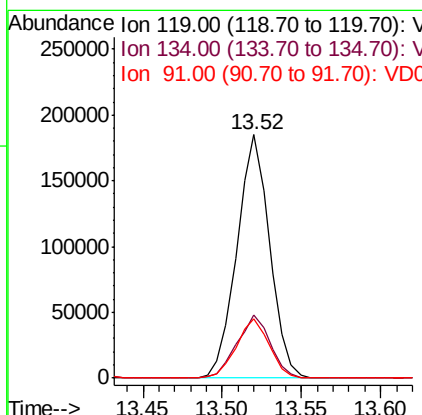
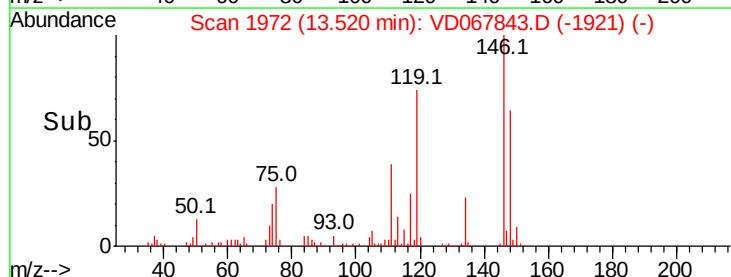
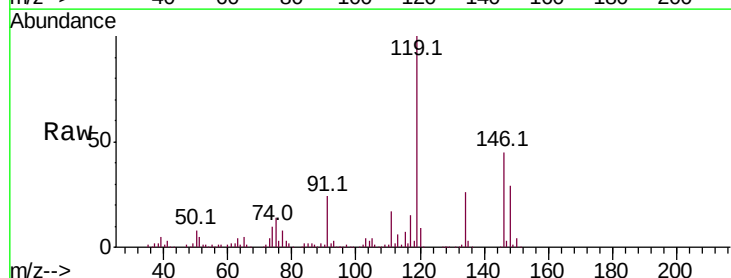
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MSD

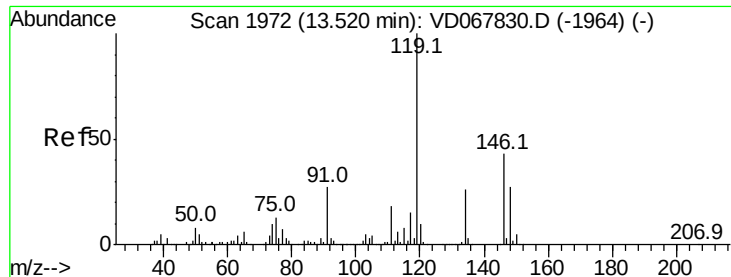
Tot Ion:105 Resp: 265580
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 40.346 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion:119 Resp: 264734
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.5 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 41.908 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

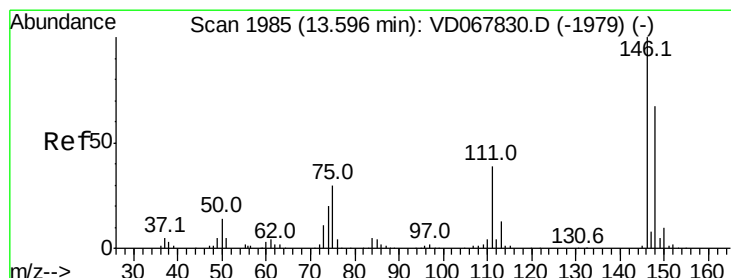
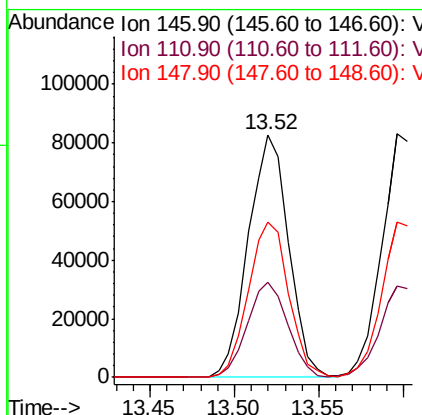
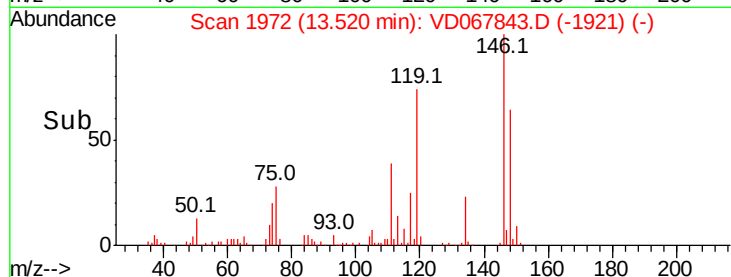
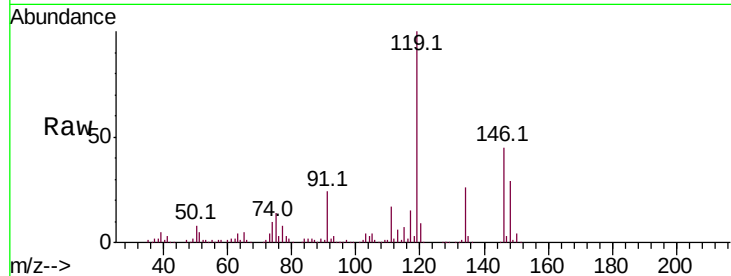
Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

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

Tot Ion:146 Resp: 136830

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.8	62.2
148	64.4	32.9	98.6



#88

1,4-Dichlorobenzene

Concen: 41.422 ug/l

RT: 13.60 min Scan# 1985

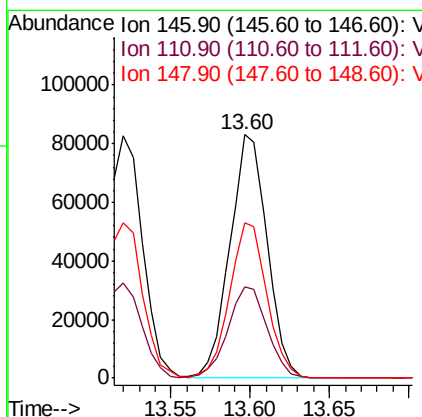
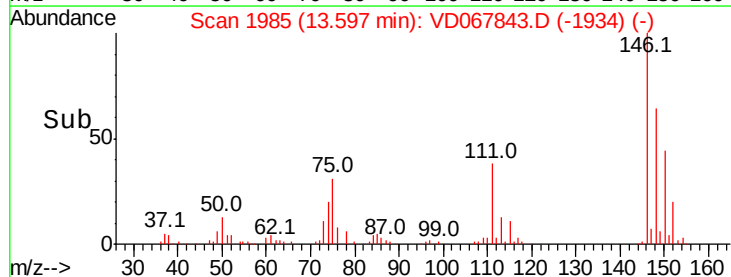
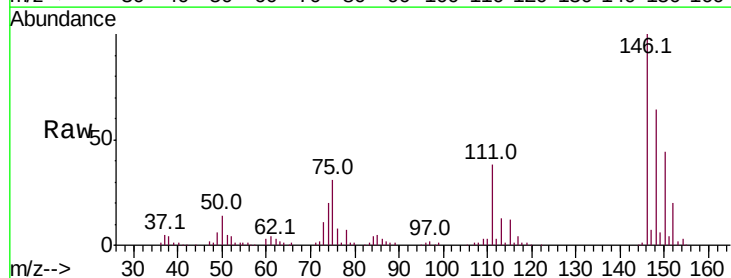
Delta R.T. 0.00 min

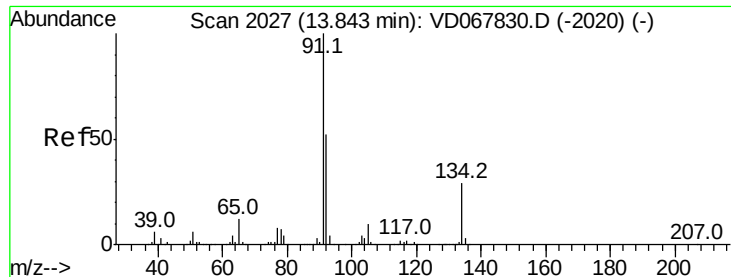
Lab File: VD067843.D

Acq: 02 Dec 2020 18:41

Tgt Ion:146 Resp: 135302

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.6
148	63.3	32.4	97.2

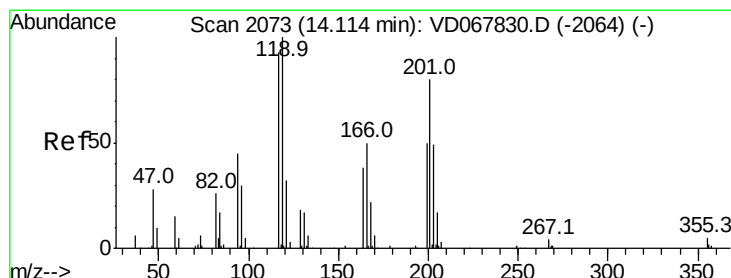
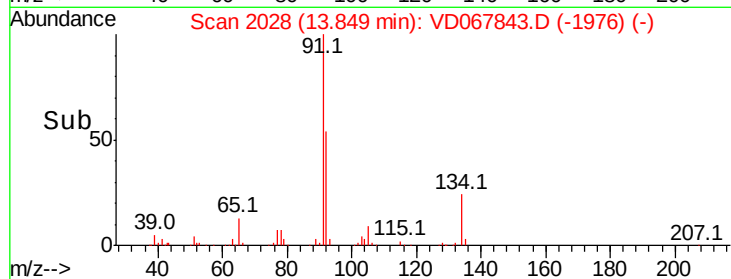
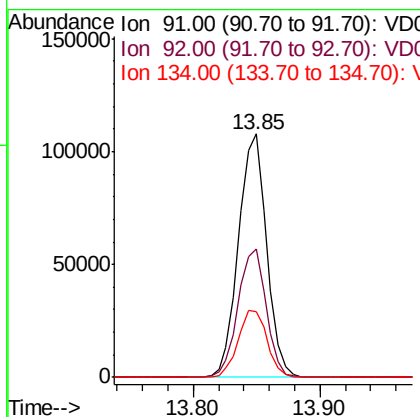
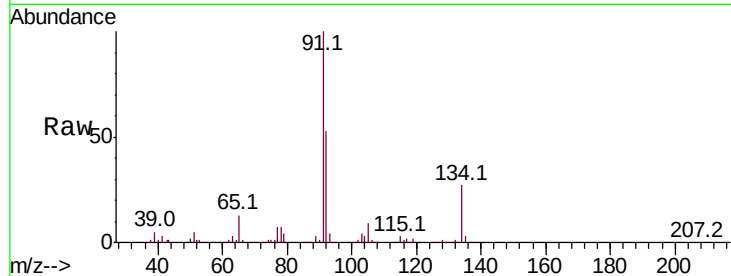




#89
n-Butylbenzene
Concen: 30.307 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

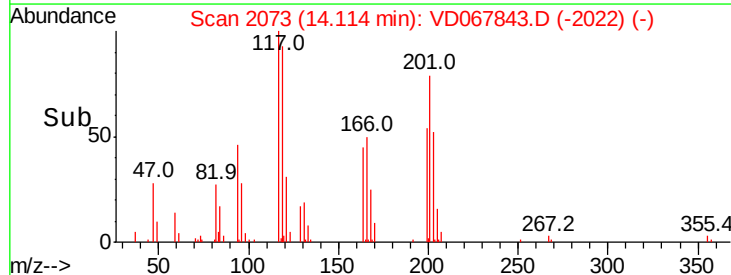
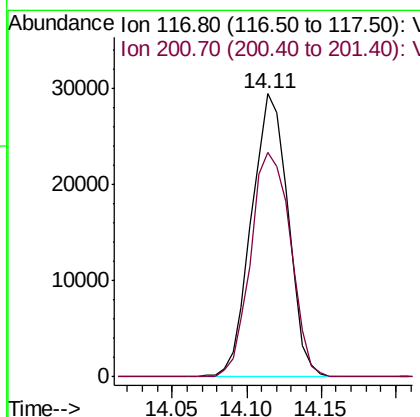
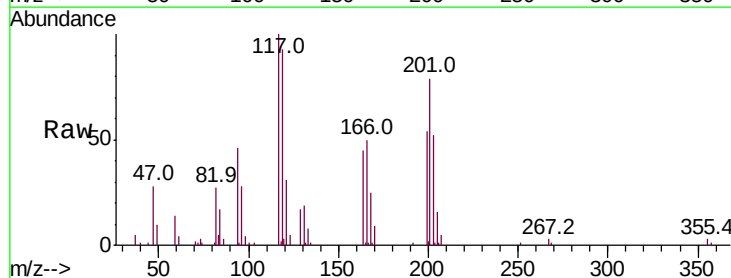
Instrument :
MSVOA_D
ClientSampleId :
KENS-B4-112320-0-2MSD

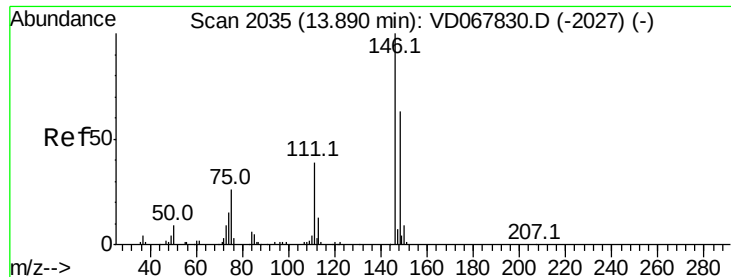
Tot Ion: 91 Resp: 165214
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.8
134 28.3 14.8 44.3



#90
Hexachloroethane
Concen: 41.133 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion: 117 Resp: 49829
Ion Ratio Lower Upper
117 100
201 86.2 43.9 131.6

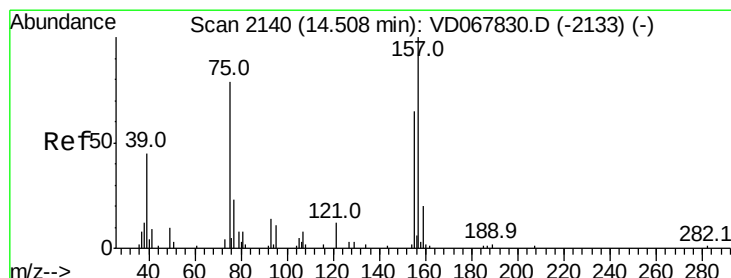
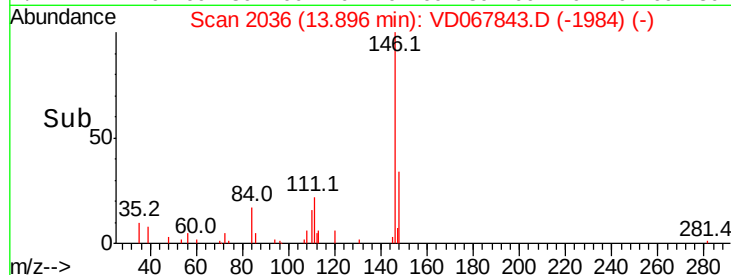
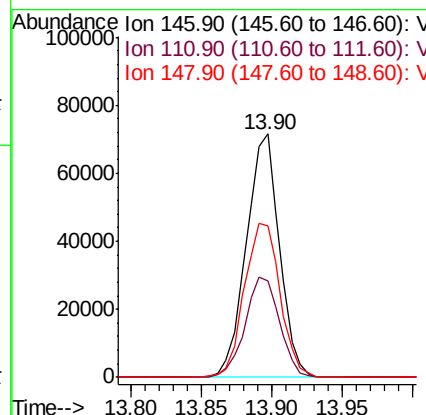
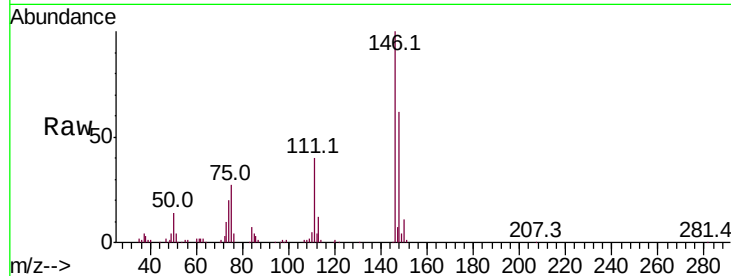




#91
 1,2-Dichlorobenzene
 Concen: 41.532 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

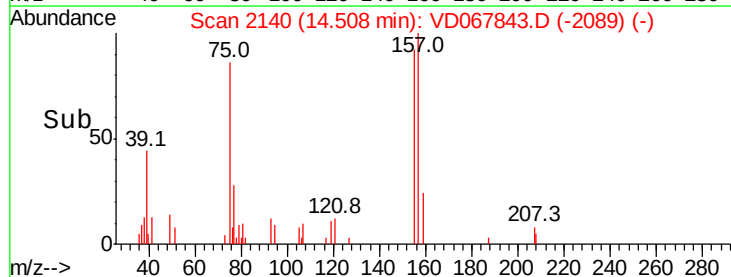
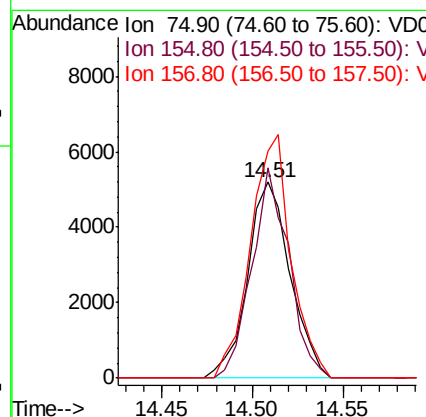
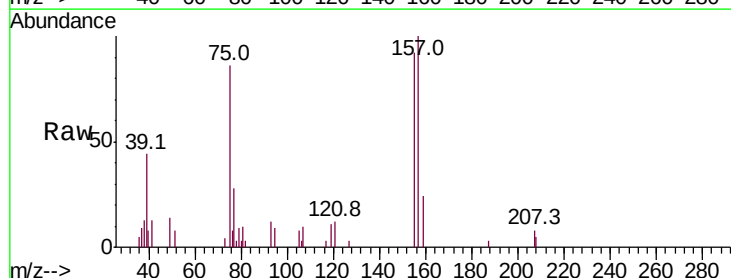
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MSD

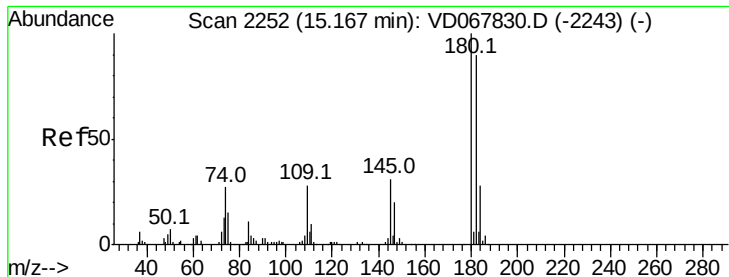
Tot Ion:146 Resp: 117607
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.4 61.2
 148 68.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.439 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion: 75 Resp: 8524
 Ion Ratio Lower Upper
 75 100
 155 92.5 44.1 132.4
 157 117.9 62.4 187.2

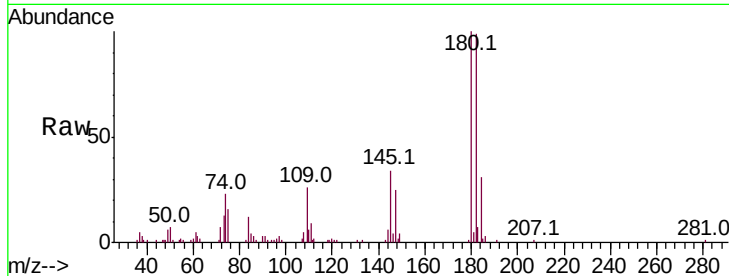




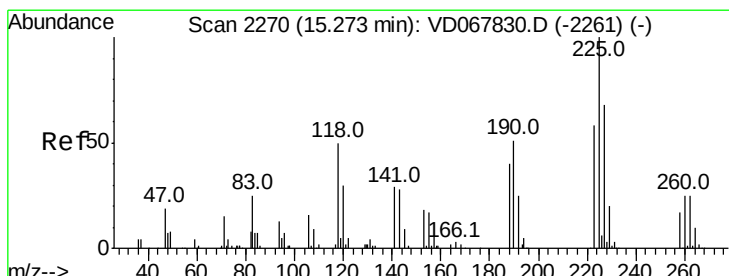
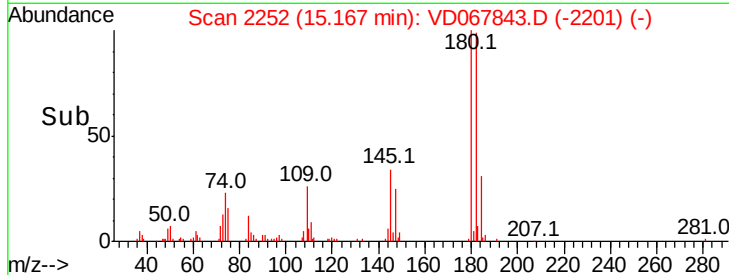
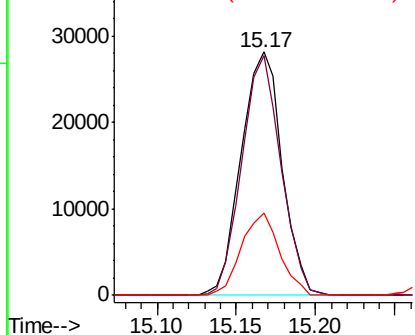
#93
 1,2,4-Trichlorobenzene
 Concen: 25.521 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.6
145	31.3	16.4	49.4

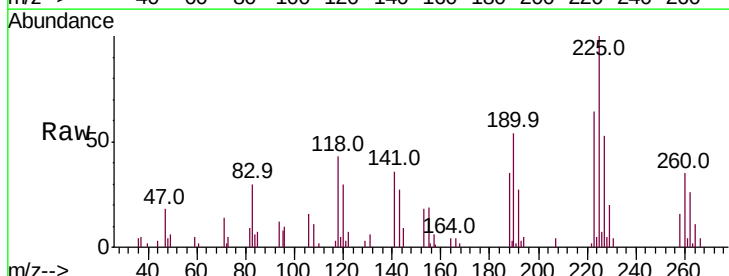


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

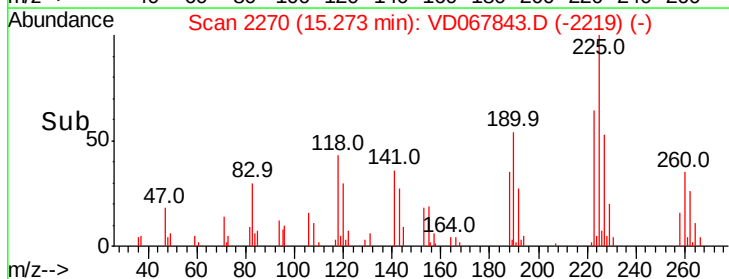
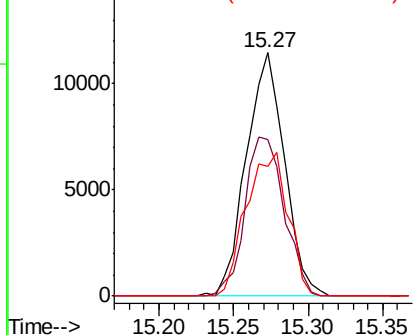


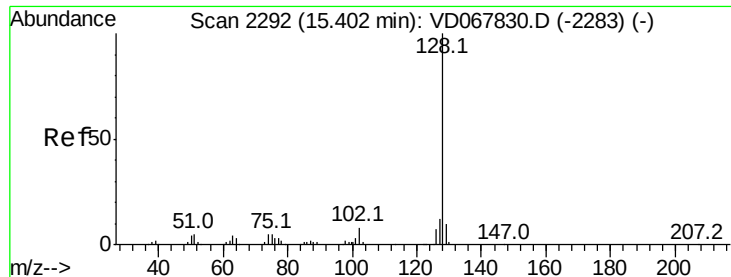
#94
 Hexachlorobutadiene
 Concen: 15.681 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067843.D
 Acq: 02 Dec 2020 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.5	31.1	93.3
227	65.0	33.1	99.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

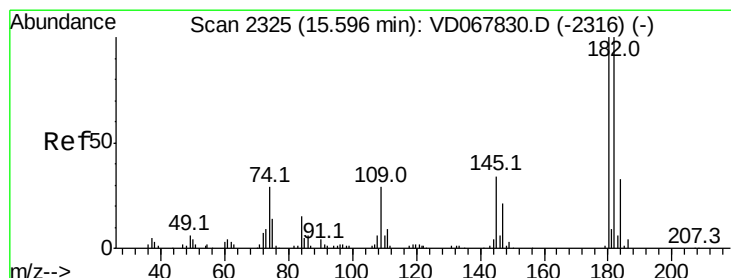
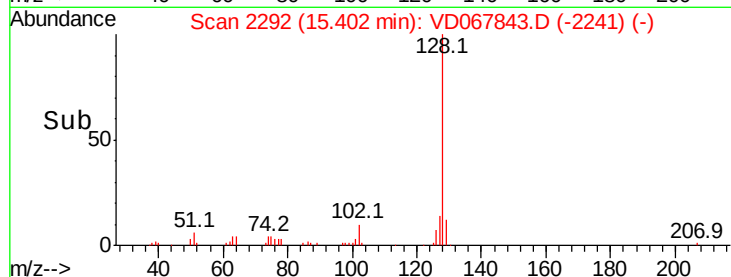
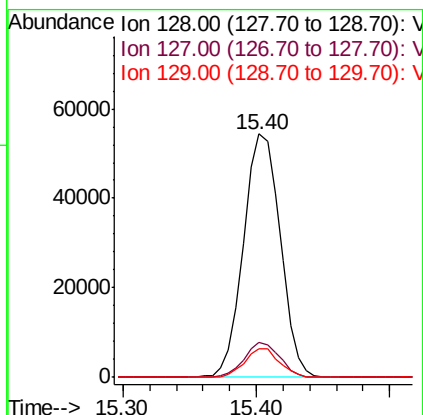
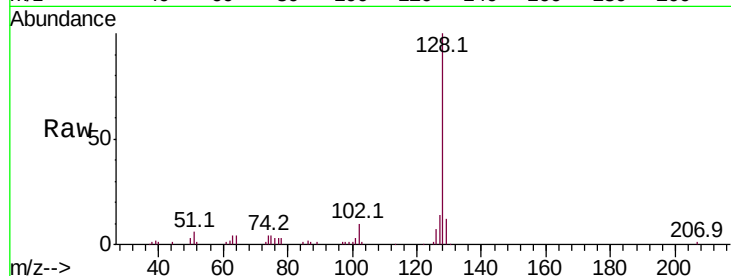




#95
Naphthalene
Concen: 32.190 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

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

Tot Ion:128 Resp: 103755
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 23.732 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD067843.D
Acq: 02 Dec 2020 18:41

Tgt Ion:180 Resp: 40596
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 34.9 16.8 50.4

