

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

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

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:45 PM

Quant Time: Dec 01 00:42:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	19329	44.608	ug/l	96
3) Chloromethane	2.21	50	14797	61.340	ug/l	98
4) Vinyl Chloride	2.35	62	14090	46.612	ug/l #	82
5) Bromomethane	2.77	94	15443	59.964	ug/l	99
6) Chloroethane	2.93	64	11756	58.353	ug/l #	87
7) Trichlorofluoromethane	3.27	101	43185	46.817	ug/l	94
8) Diethyl Ether	3.71	74	19505	104.733	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	18131	41.047	ug/l	94
10) Methyl Iodide	4.30	142	21048	46.555	ug/l	98
11) Tert butyl alcohol	5.22	59	21074	944.598	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	20284	49.628	ug/l	98
13) Acrolein	3.92	56	6573	327.552	ug/l	88
14) Allyl chloride	4.71	41	24284	61.464	ug/l	95
15) Acrylonitrile	5.42	53	50315	775.693	ug/l	92
16) Acetone	4.16	43	48188	770.466	ug/l	97
17) Carbon Disulfide	4.41	76	54851	46.399	ug/l	100
18) Methyl Acetate	4.73	43	61306	487.219	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	102003	116.774	ug/l	97
20) Methylene Chloride	4.97	84	35281	78.688	ug/l	86
21) trans-1,2-Dichloroethene	5.47	96	26808	57.692	ug/l	98
22) Diisopropyl ether	6.37	45	62255	79.825	ug/l	92
23) Vinyl Acetate	6.30	43	93095m	211.613	ug/l	
24) 1,1-Dichloroethane	6.27	63	42226	63.862	ug/l	97
25) 2-Butanone	7.21	43	58638	835.496	ug/l	93
26) 2,2-Dichloropropane	7.20	77	42001	53.844	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	33935	68.514	ug/l	96
28) Bromochloromethane	7.56	49	19669	92.866	ug/l	97
29) Tetrahydrofuran	7.56	42	36259	908.664	ug/l	95
30) Chloroform	7.71	83	59478	68.789	ug/l	95
31) Cyclohexane	7.99	56	20653	35.257	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	49387	53.933	ug/l	97
36) 1,1-Dichloropropene	8.11	75	27979	39.139	ug/l	94
37) Ethyl Acetate	7.30	43	16648	86.609	ug/l #	91
38) Carbon Tetrachloride	8.10	117	41839	40.376	ug/l #	94

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

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

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:45 PM

Quant Time: Dec 01 00:42:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	20346	24.050	ug/l	88
40) Benzene	8.36	78	107204	54.603	ug/l	94
41) Methacrylonitrile	7.53	41	13430m	136.824	ug/l	
42) 1,2-Dichloroethane	8.43	62	59973	90.027	ug/l	99
43) Isopropyl Acetate	8.46	43	31171	81.202	ug/l	96
44) Trichloroethene	9.11	130	30513	46.892	ug/l	98
45) 1,2-Dichloropropane	9.38	63	24449	60.689	ug/l	95
46) Dibromomethane	9.48	93	27632	100.748	ug/l	99
47) Bromodichloromethane	9.66	83	55518	72.692	ug/l #	96
48) Methyl methacrylate	9.46	41	29404	153.217	ug/l	90
49) 1,4-Dioxane	9.46	88	9486	3191.442	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	131275	726.759	ug/l	98
52) Toluene	10.41	92	72758	54.627	ug/l	95
53) t-1,3-Dichloropropene	10.63	75	56002	83.929	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	51206	67.810	ug/l #	88
55) 1,1,2-Trichloroethane	10.81	97	35952	97.695	ug/l	98
56) Ethyl methacrylate	10.66	69	20605	54.081	ug/l	98
57) 1,3-Dichloropropane	10.95	76	54434	93.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	107914	606.183	ug/l	99
59) 2-Hexanone	10.99	43	84893	665.667	ug/l	97
60) Dibromochloromethane	11.15	129	48365	86.246	ug/l	97
61) 1,2-Dibromoethane	11.25	107	37178	102.532	ug/l	99
64) Tetrachloroethene	10.88	164	23949	36.583	ug/l	90
65) Chlorobenzene	11.67	112	82301	49.646	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	42011	62.649	ug/l	96
67) Ethyl Benzene	11.75	91	114476	40.000	ug/l	98
68) m/p-Xylenes	11.86	106	96211	86.389	ug/l	98
69) o-Xylene	12.18	106	48033	47.370	ug/l	98
70) Styrene	12.20	104	86930	50.331	ug/l	97
71) Bromoform	12.37	173	33538	92.131	ug/l #	96
73) Isopropylbenzene	12.48	105	105635	40.944	ug/l	99
74) N-amyl acetate	12.29	43	17220	50.613	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	39139	113.037	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	32795m	120.001	ug/l	
77) Bromobenzene	12.76	156	37902	58.687	ug/l	87
78) n-propylbenzene	12.83	91	109548	38.165	ug/l	99
79) 2-Chlorotoluene	12.91	91	74173	43.646	ug/l	95
80) 1,3,5-Trimethylbenzene	12.96	105	94064	41.918	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	12910	110.489	ug/l	90
82) 4-Chlorotoluene	13.01	91	83107	45.895	ug/l	99
83) tert-Butylbenzene	13.23	119	69755	36.175	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	99107	44.212	ug/l	99
85) sec-Butylbenzene	13.41	105	77337	30.529	ug/l	98
86) p-Isopropyltoluene	13.52	119	77705	31.670	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	57000	45.603	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	58647	47.366	ug/l	97
89) n-Butylbenzene	13.85	91	51386	24.439	ug/l	97
90) Hexachloroethane	14.11	117	16213	34.711	ug/l	91
91) 1,2-Dichlorobenzene	13.89	146	56157	52.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	9228	123.618	ug/l	86

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

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

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM

Quant Time: Dec 01 00:42:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

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

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

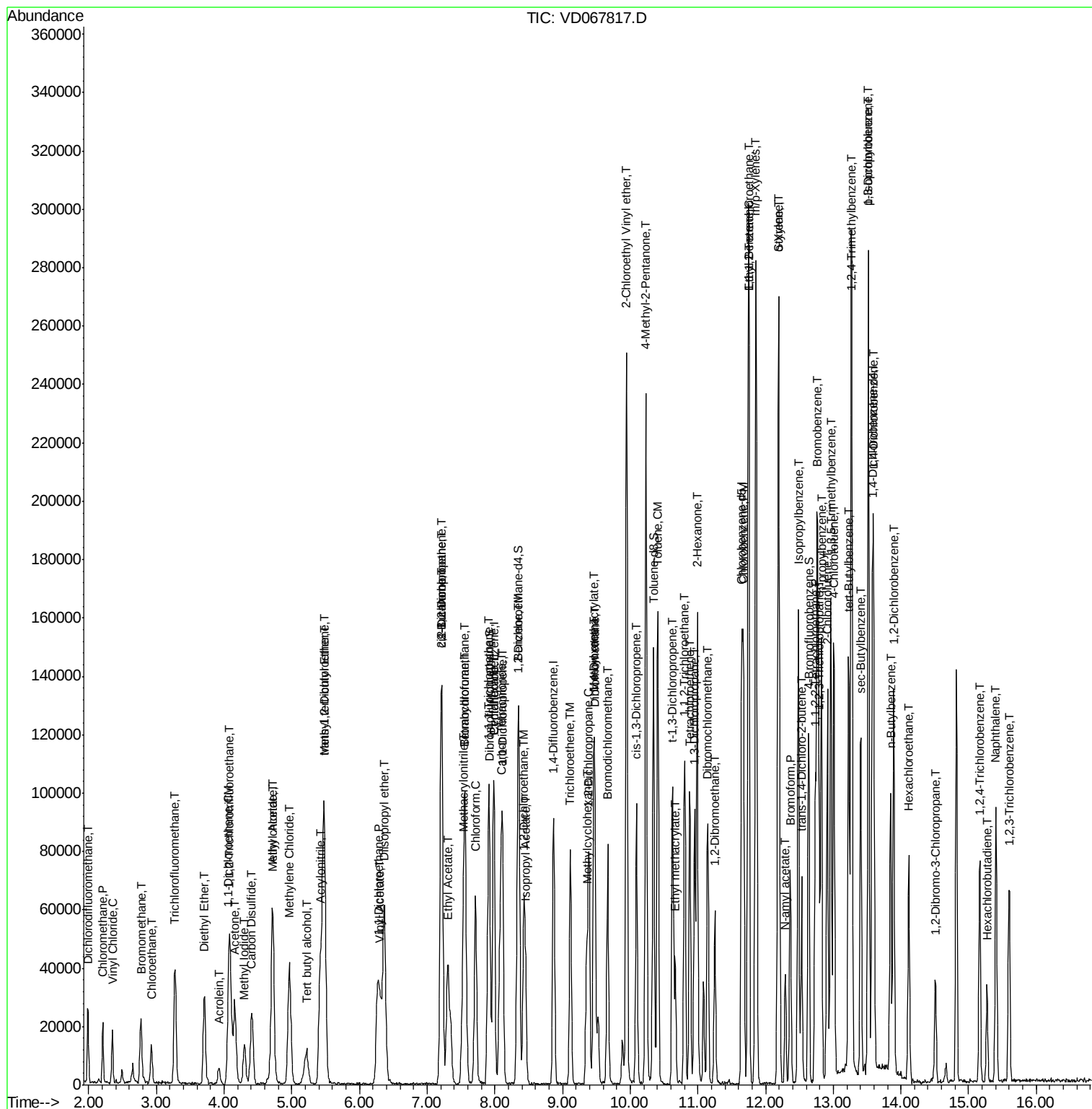
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067817.D
 Acq On : 30 Nov 2020 16:33
 Operator : VA/SY
 Sample : L4880-03MS
 Misc : 4.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

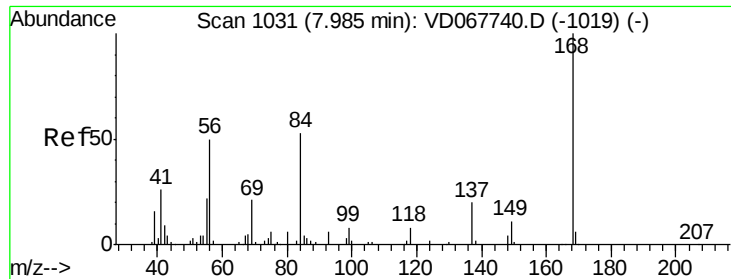
Instrument :
 MSVOA_D
 ClientSampleId :
 KENS-B4-112320-0-2MS

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:45 PM

Quant Time: Dec 01 00:42:34 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion:168 Resp: 49792

Ion Ratio Lower Upper

168 100

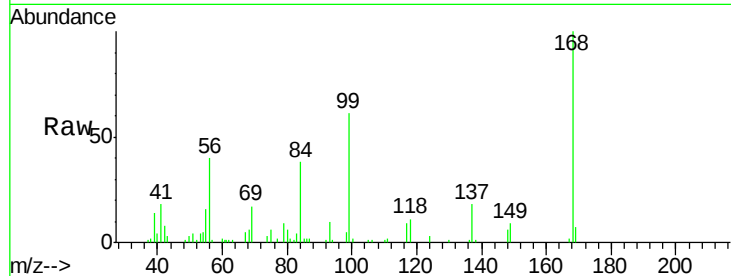
99 60.7 43.8 65.8

Manual Integrations

APPROVED

MMDadoda

12/1/2020 12:43:45 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

25000

20000

15000

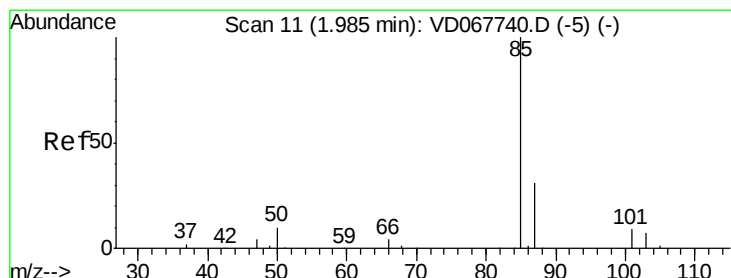
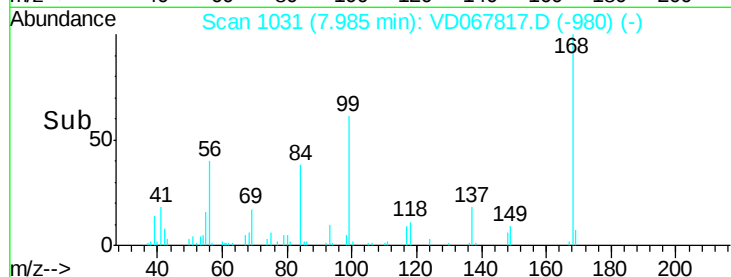
10000

5000

0

7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 44.608 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067817.D

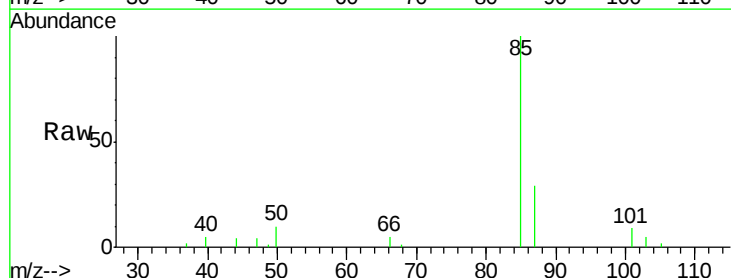
Acq: 30 Nov 2020 16:33

Tgt Ion: 85 Resp: 19329

Ion Ratio Lower Upper

85 100

87 28.8 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

15000

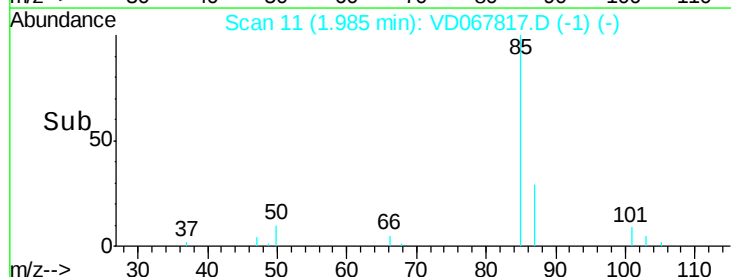
10000

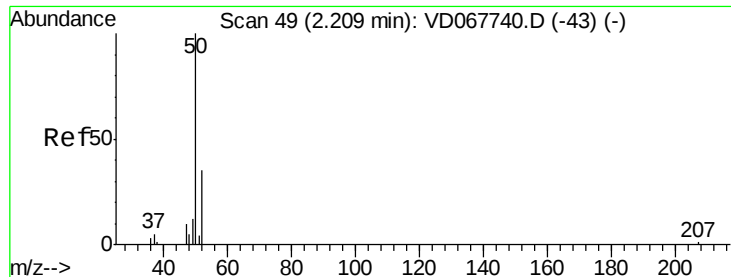
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 61.340 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 50 Resp: 14797

Ion Ratio Lower Upper

50 100

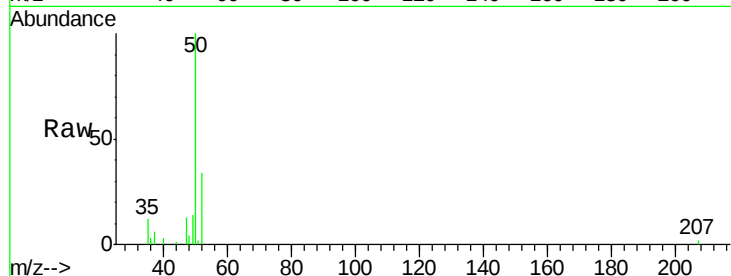
52 33.5 27.8 41.8

Manual Integrations

APPROVED

MMDadoda

12/1/2020 12:43:45 PM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

12000

10000

8000

6000

4000

2000

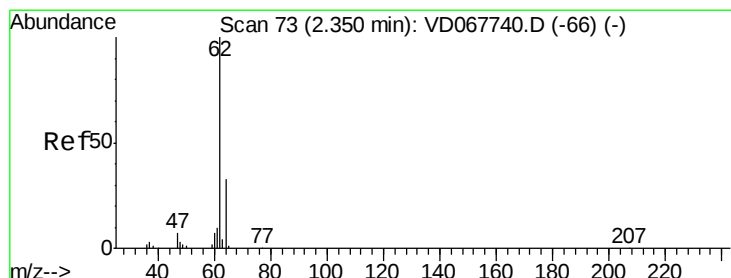
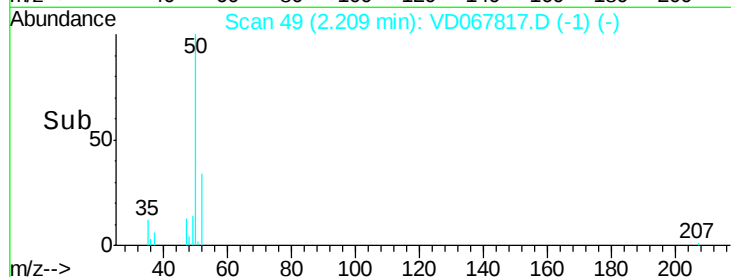
0

Time-->

2.15

2.20

2.25



#4

Vinyl Chloride

Concen: 46.612 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067817.D

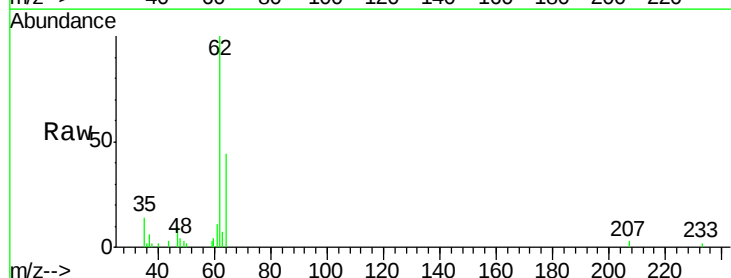
Acq: 30 Nov 2020 16:33

Tgt Ion: 62 Resp: 14090

Ion Ratio Lower Upper

62 100

64 43.6 26.6 40.0#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

10000

8000

6000

4000

2000

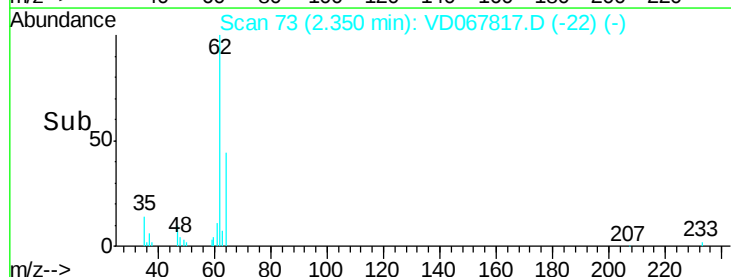
0

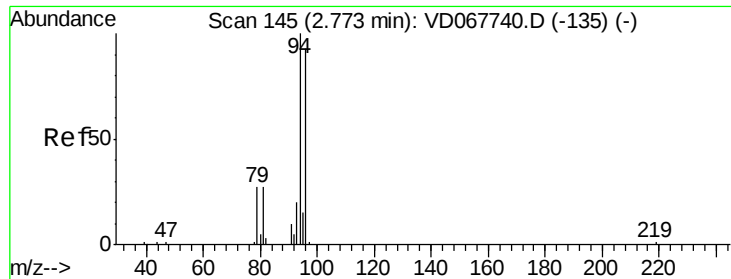
Time-->

2.30

2.35

2.40





#5

Bromomethane

Concen: 59.964 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 94 Resp: 15443

Ion Ratio Lower Upper

94 100

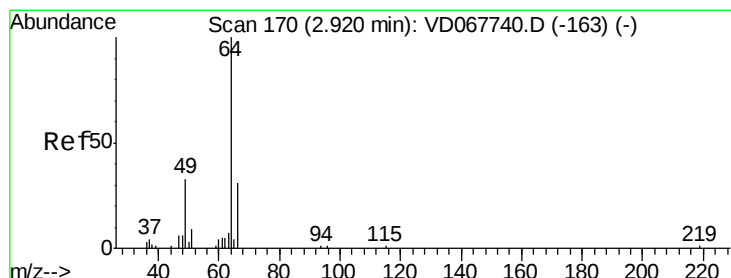
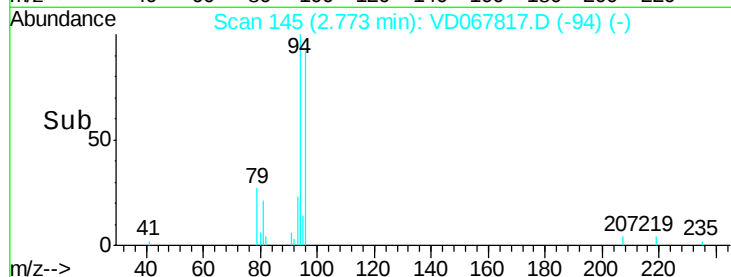
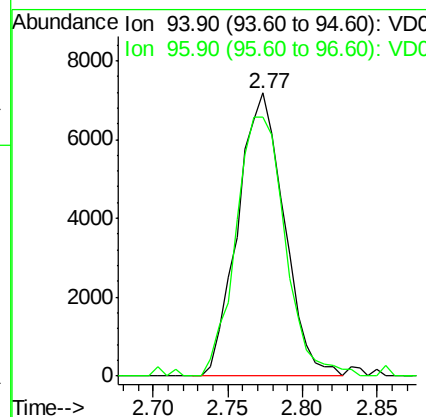
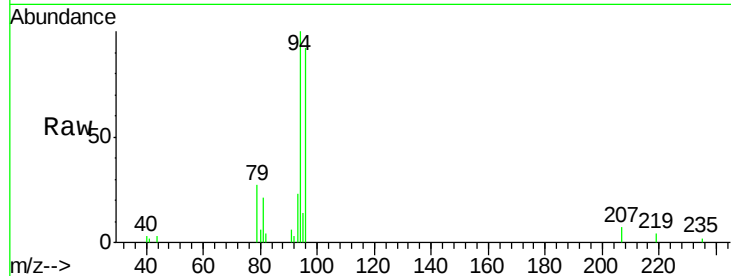
96 91.5 74.0 111.0

Manual Integrations

APPROVED

MMDadoda

12/1/2020 12:43:45 PM



#6

Chloroethane

Concen: 58.353 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067817.D

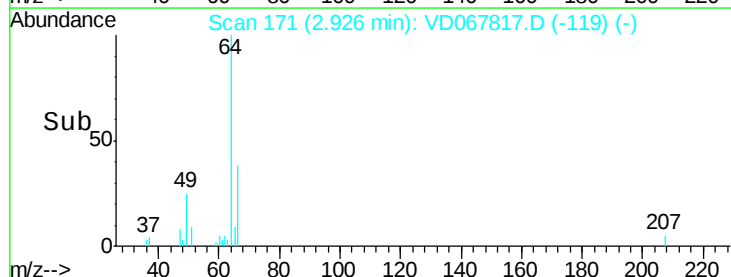
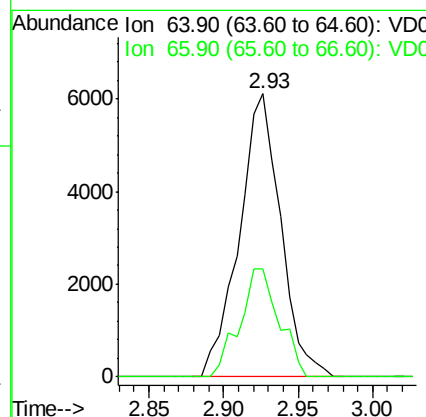
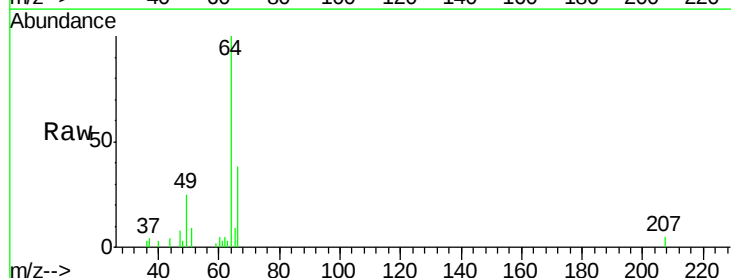
Acq: 30 Nov 2020 16:33

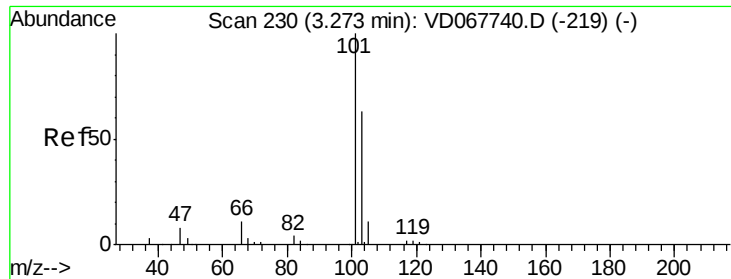
Tgt Ion: 64 Resp: 11756

Ion Ratio Lower Upper

64 100

66 38.4 25.1 37.7#





#7

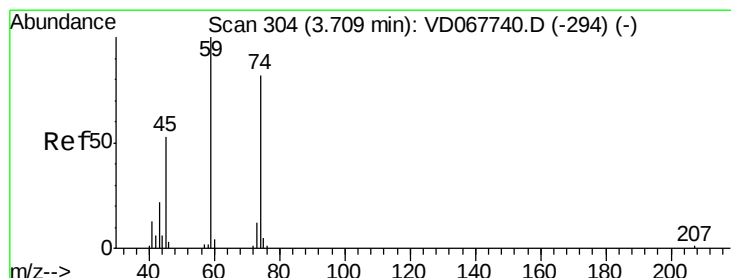
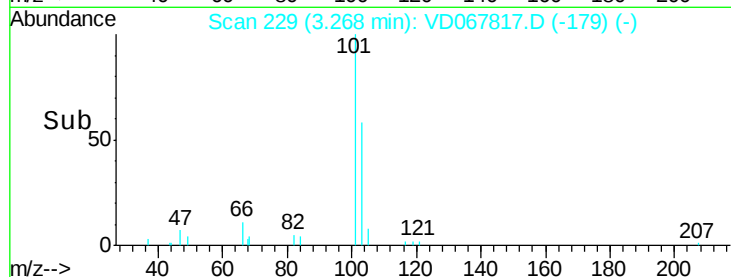
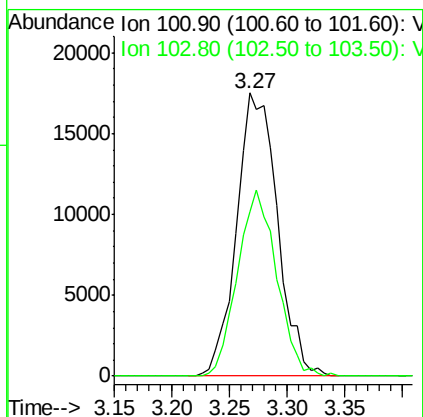
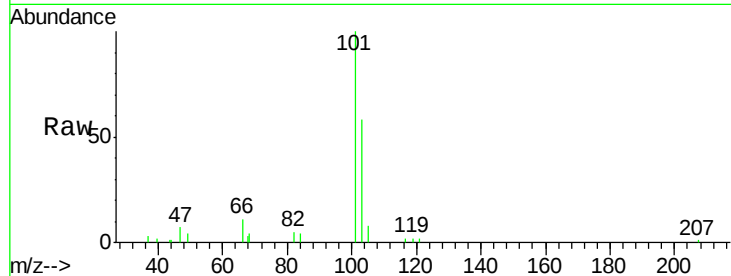
Trichlorofluoromethane
Concen: 46.817 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.2	50.3	75.5

Manual Integrations
APPROVED

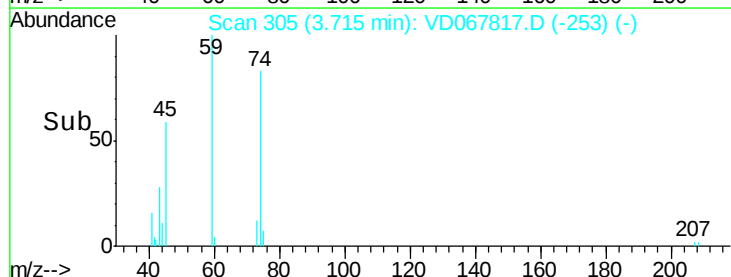
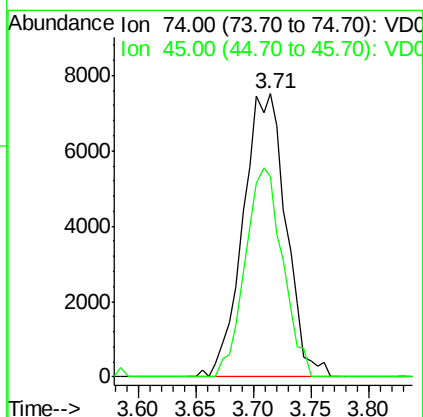
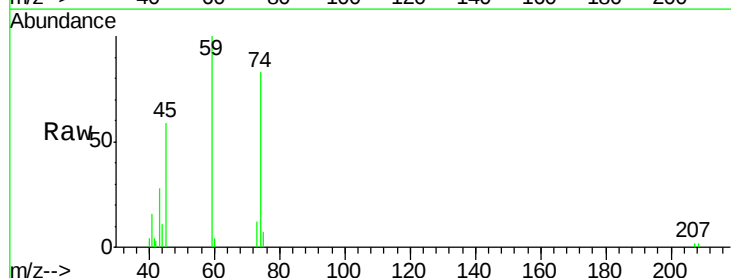
MMDadoda
12/1/2020 12:43:45 PM

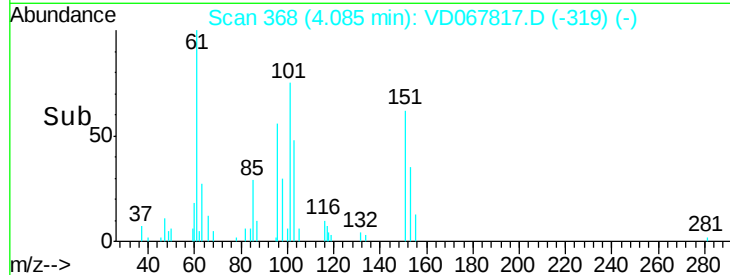
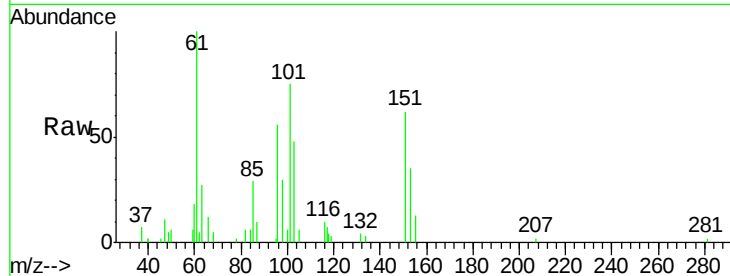
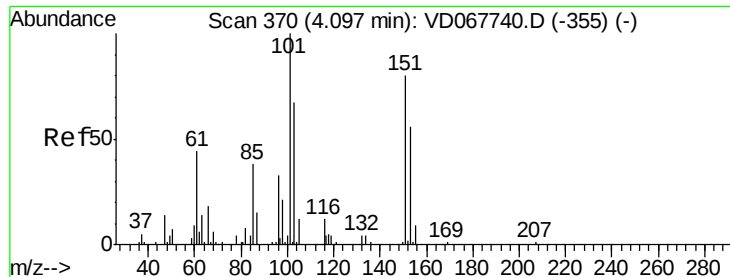


#8

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

Tgt Ion	Ratio	Lower	Upper
74	100		
45	64.2	35.9	107.8





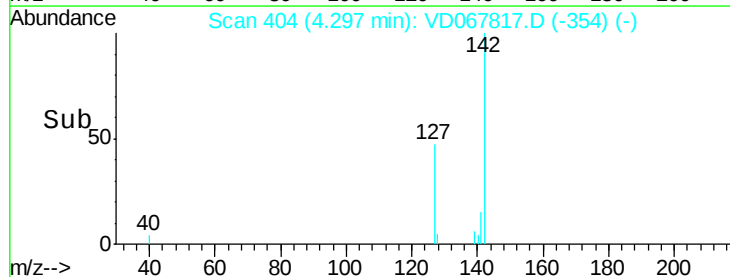
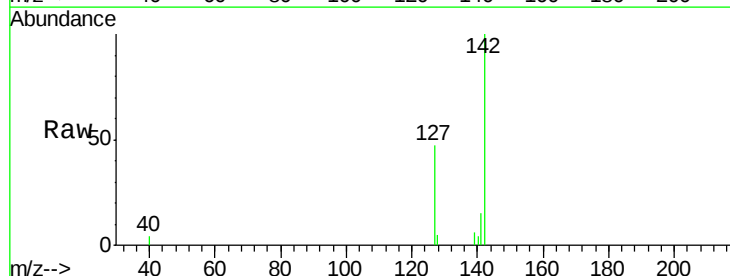
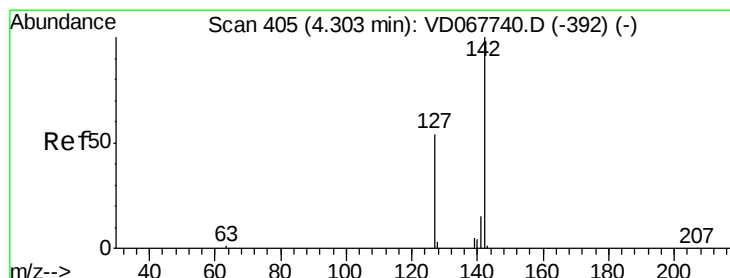
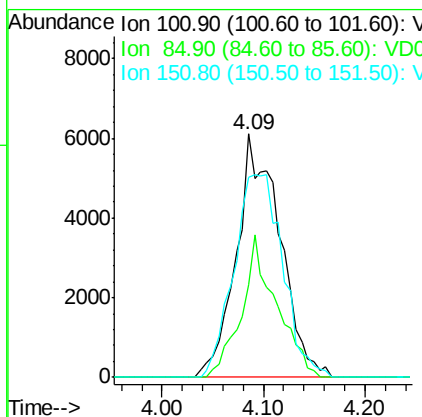
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.047 ug/l
RT: 4.09 min Scan# 368
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Resp	Lower	Upper
101	100	18131		
85	47.0	35.5	53.3	
151	93.8	69.4	104.0	

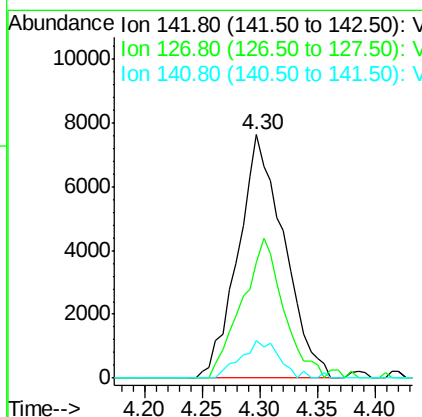
Manual Integrations
APPROVED

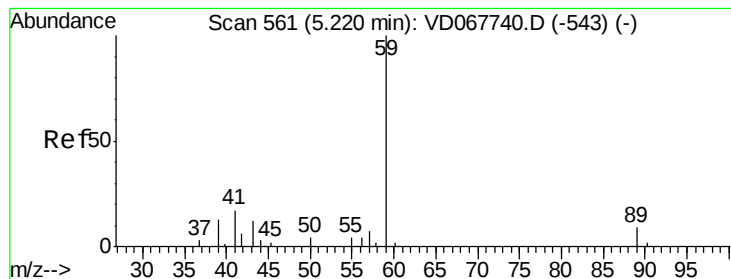
MMDadoda
12/1/2020 12:43:45 PM



#10
Methyl Iodide
Concen: 46.555 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	21048		
127	52.0	42.2	63.2	
141	12.8	11.8	17.6	





#11

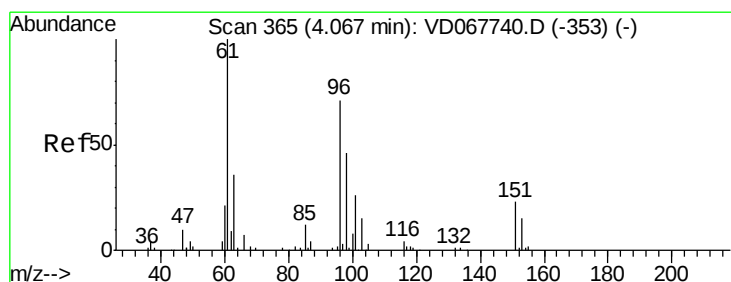
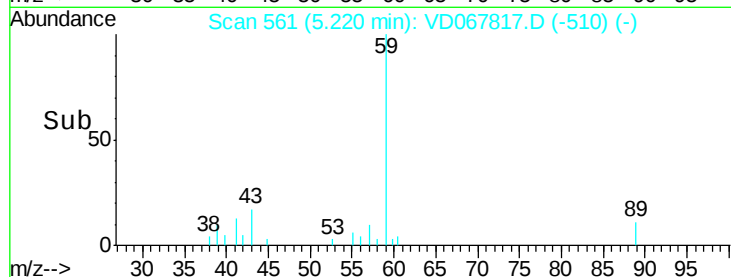
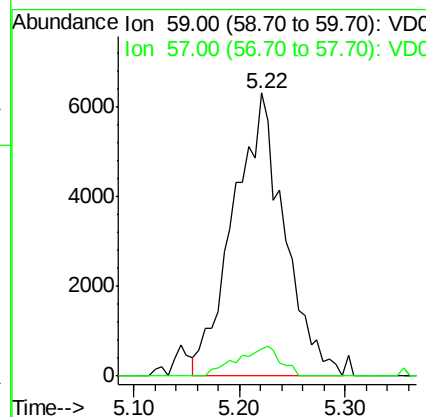
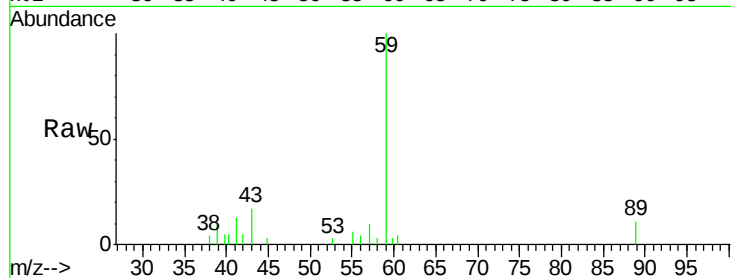
Tert butyl alcohol
 Concen: 944.598 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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

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

Manual Integrations
 APPROVED

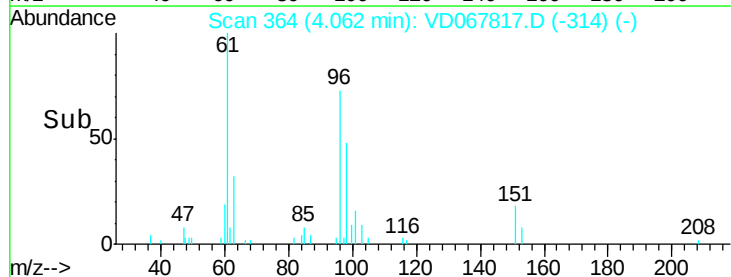
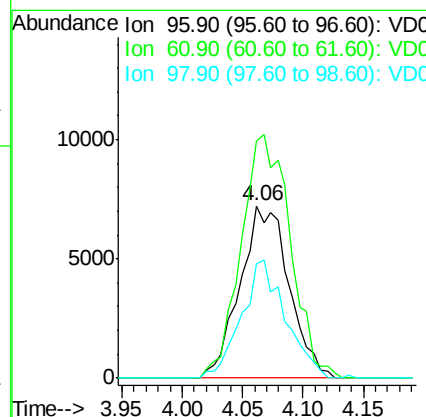
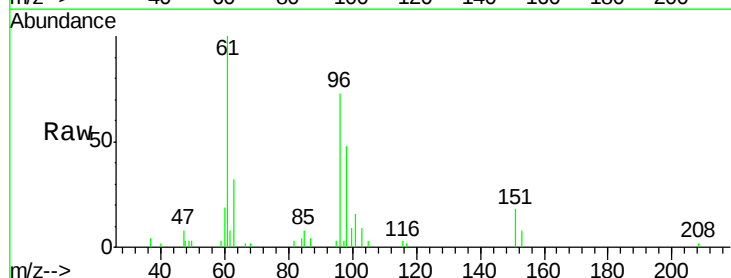
MMDadoda
 12/1/2020 12:43:45 PM

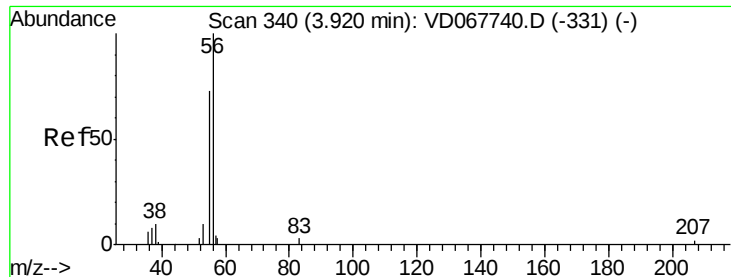


#12

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

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





#13

Acrolein

Concen: 327.552 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 56 Resp: 6573

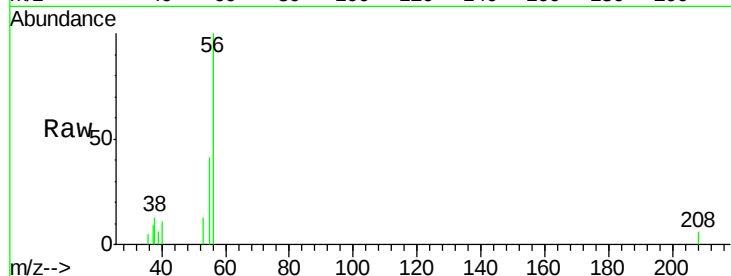
Ion Ratio Lower Upper

56 100

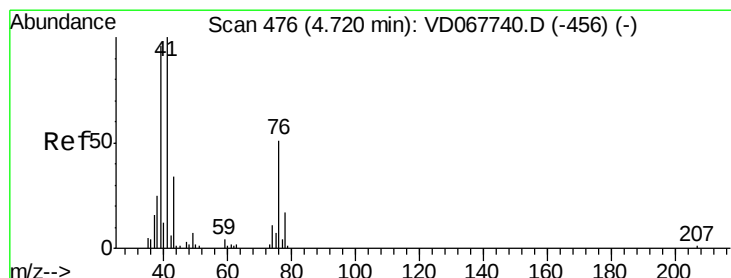
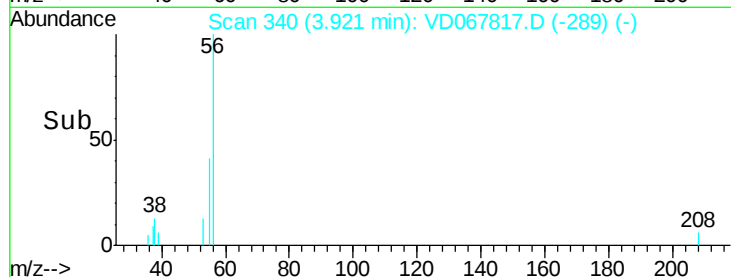
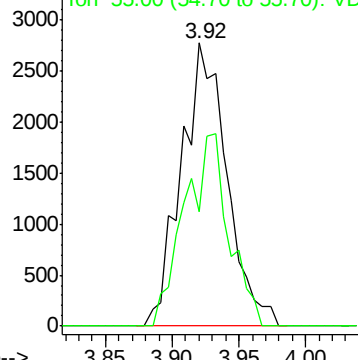
55 66.0 61.2 91.8

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 61.464 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

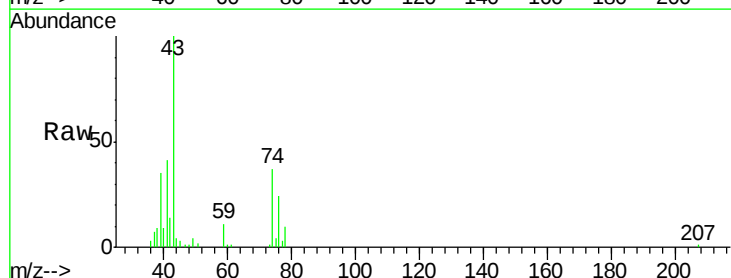
Tgt Ion: 41 Resp: 24284

Ion Ratio Lower Upper

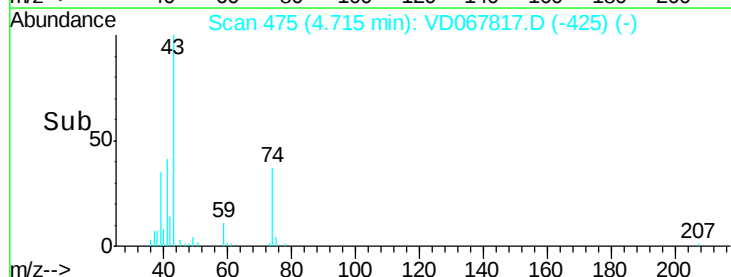
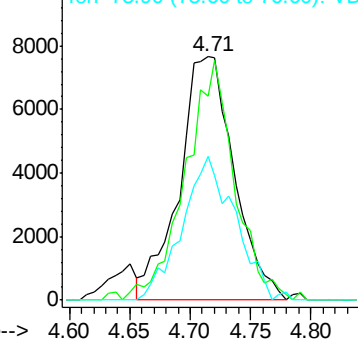
41 100

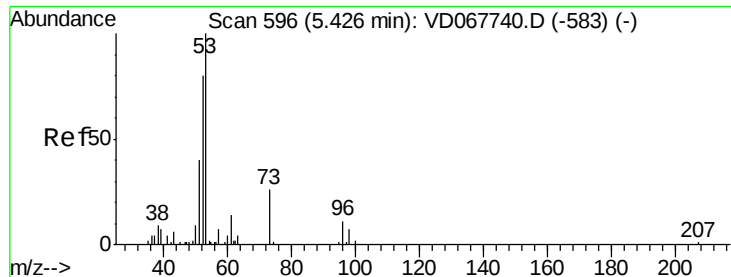
39 88.2 74.6 111.8

76 57.1 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 775.693 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

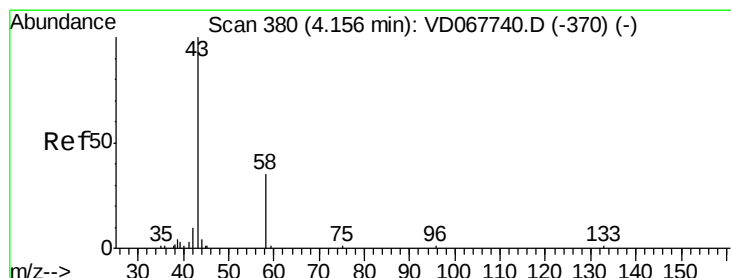
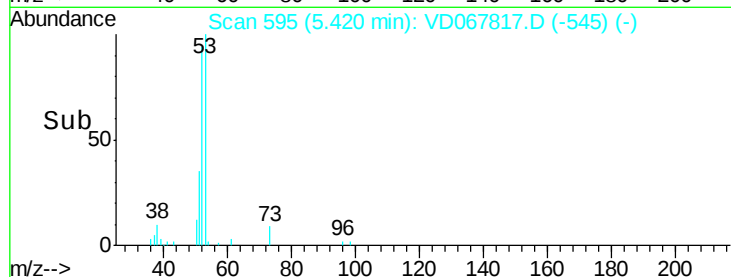
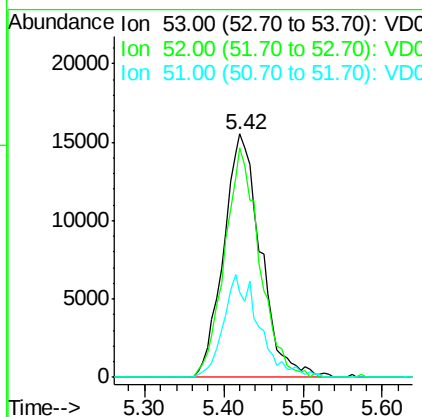
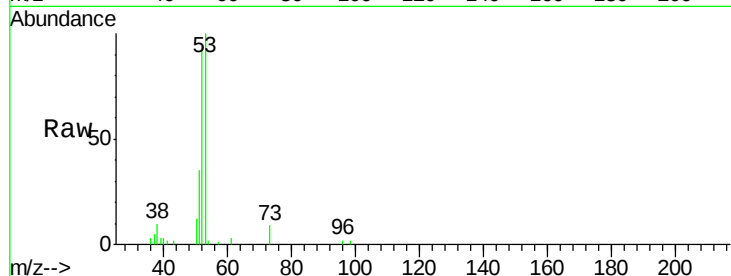
ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion:	53	Resp:	50315
Ion Ratio	Lower	Upper	
53	100		
52	88.6	63.4	95.2
51	40.2	31.4	47.2

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#16

Acetone

Concen: 770.466 ug/l

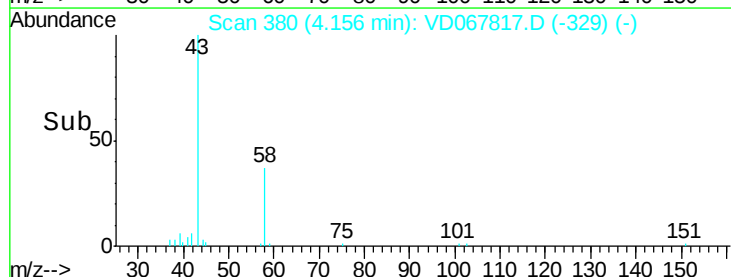
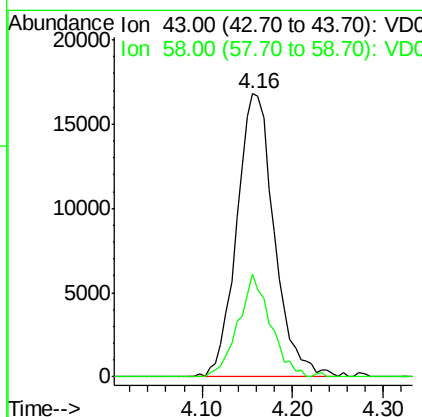
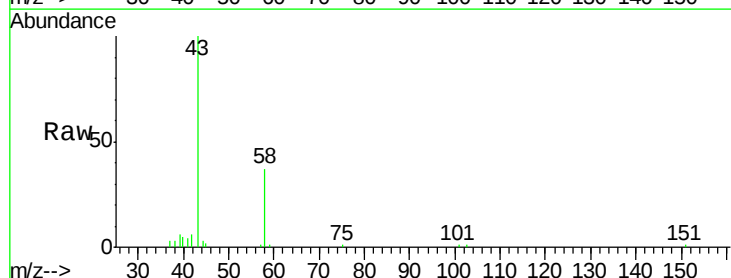
RT: 4.16 min Scan# 380

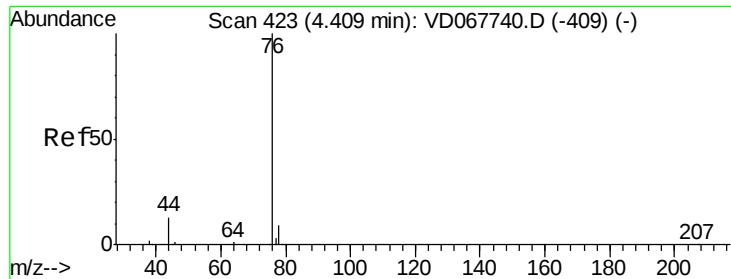
Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion:	43	Resp:	48188
Ion Ratio	Lower	Upper	
43	100		
58	36.5	27.6	41.4





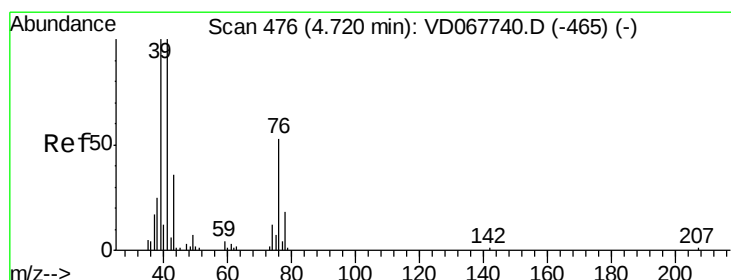
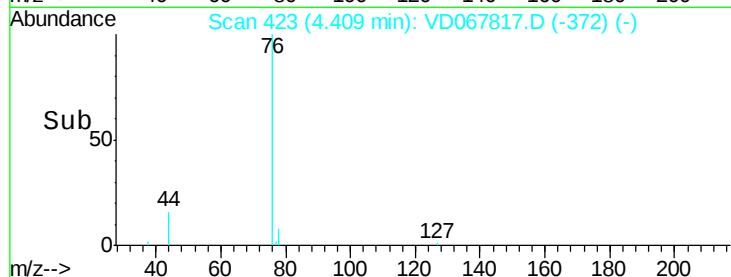
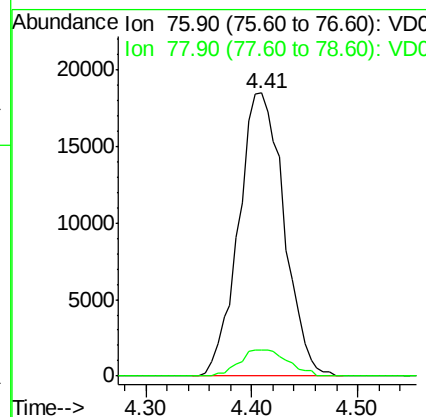
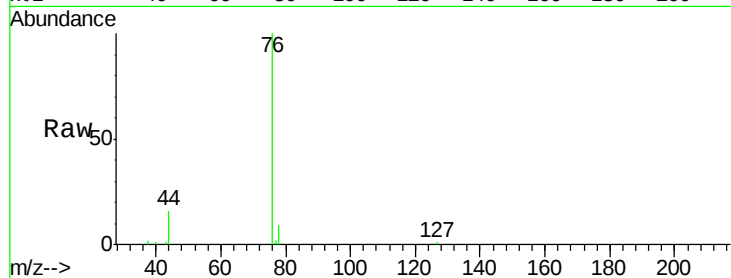
#17
Carbon Disulfide
Concen: 46.399 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

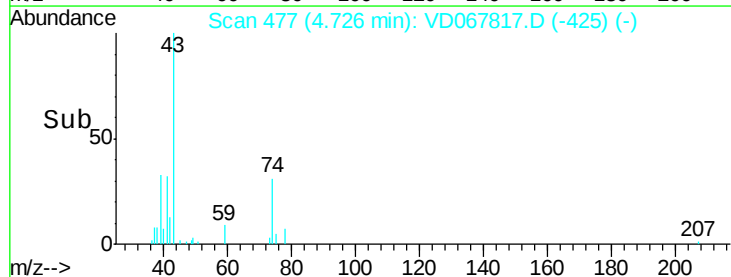
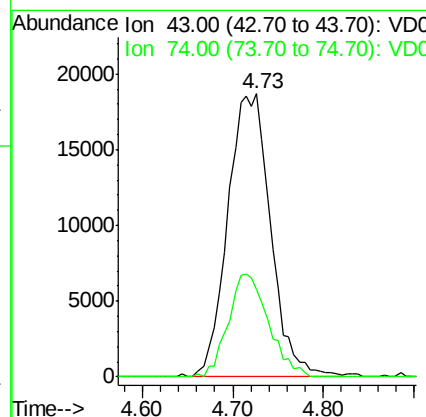
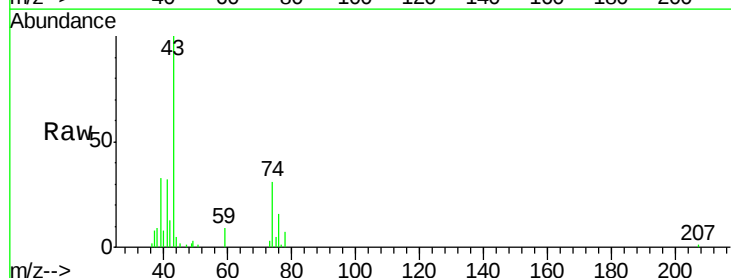
Manual Integrations
APPROVED

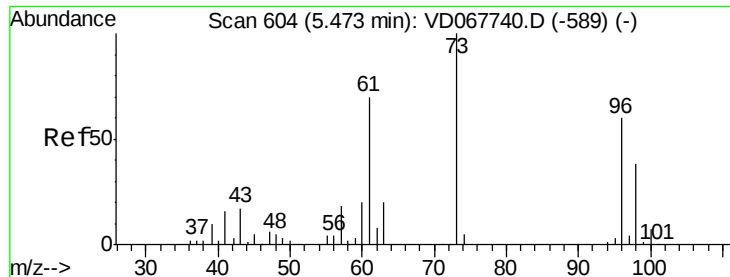
MMDadoda
12/1/2020 12:43:45 PM



#18
Methyl Acetate
Concen: 487.219 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.1	29.7	44.5





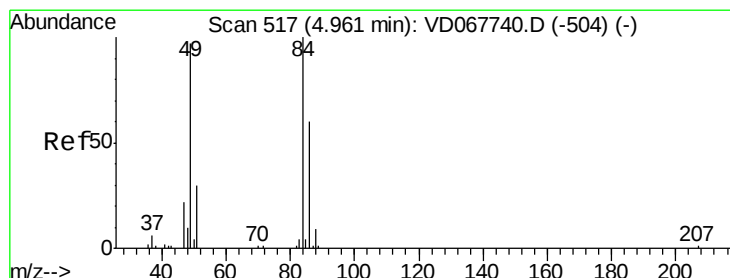
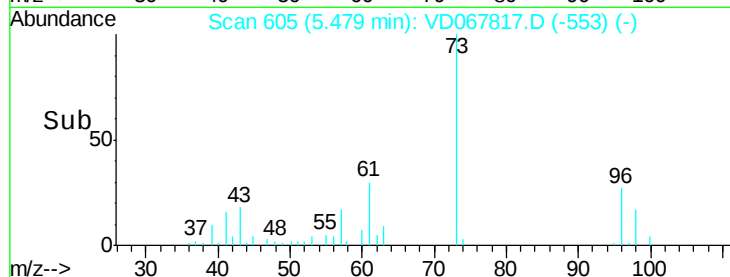
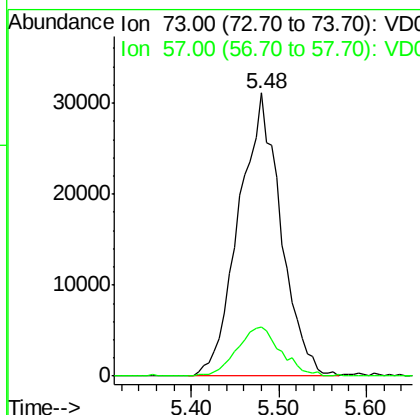
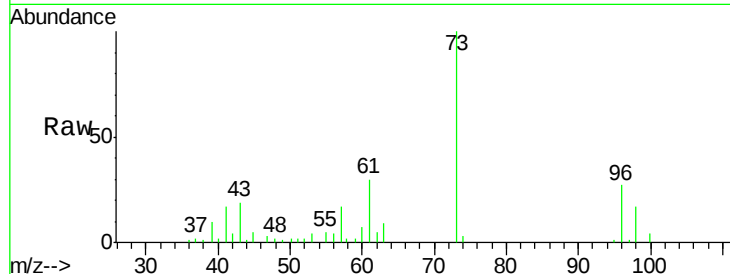
#19
Methvl tert-butvl Ether
Concen: 116.774 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion: 73 Resp: 102003
Ion Ratio Lower Upper
73 100
57 17.2 14.8 22.2

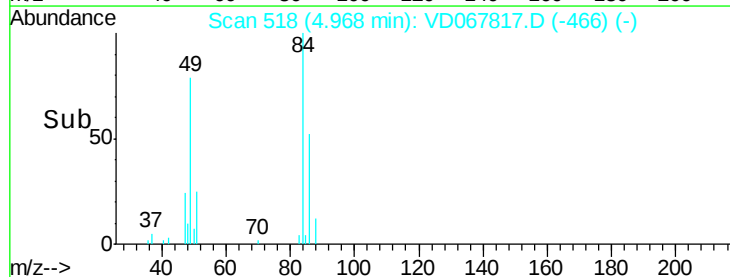
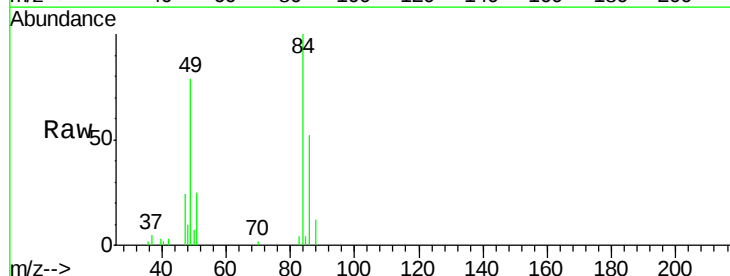
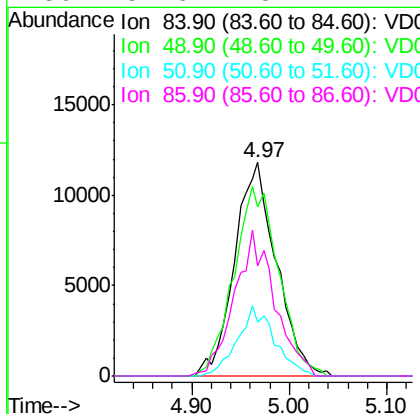
Manual Integrations
APPROVED

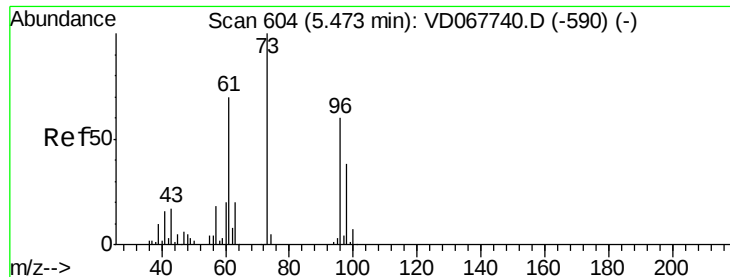
MMDadoda
12/1/2020 12:43:45 PM



#20
Methylene Chloride
Concen: 78.688 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 84 Resp: 35281
Ion Ratio Lower Upper
84 100
49 79.2 77.4 116.2
51 25.2 24.1 36.1
86 51.6 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 57.692 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

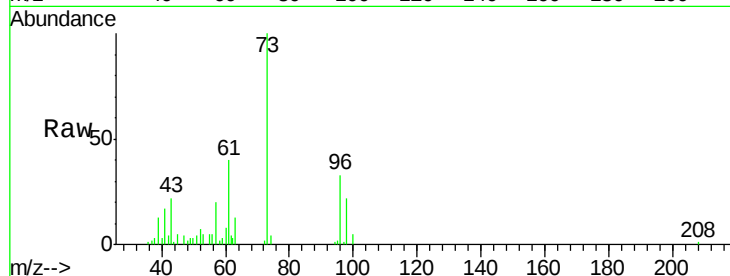
ClientSampleId :

KENS-B4-112320-0-2MS

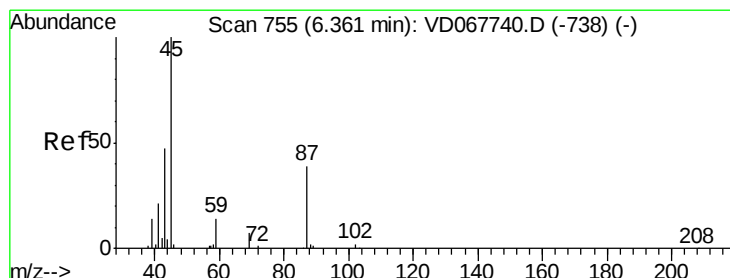
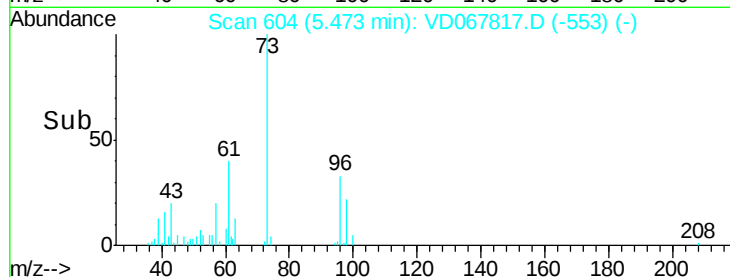
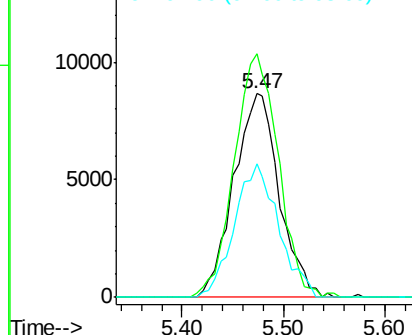
Tot Ion:	96	Resp:	26808
Ion	Ratio	Lower	Upper
96	100		
61	119.5	94.0	141.0
98	65.6	51.3	76.9

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



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



#22

Diisopropyl ether

Concen: 79.825 ug/l

RT: 6.37 min Scan# 756

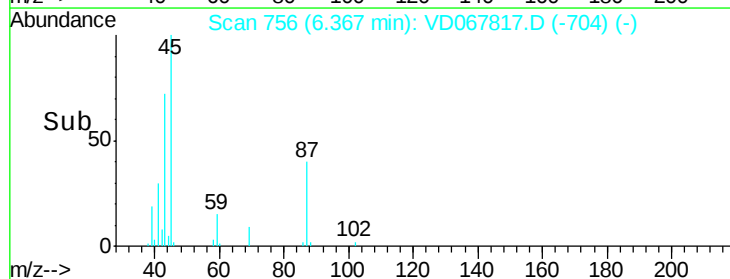
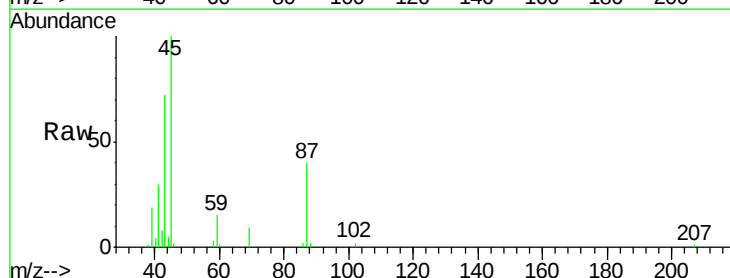
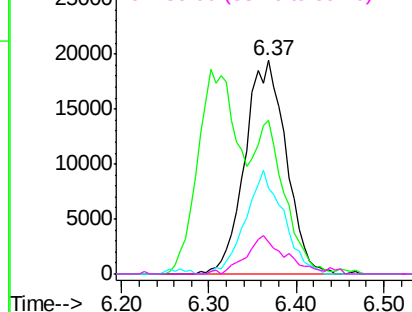
Delta R.T. 0.01 min

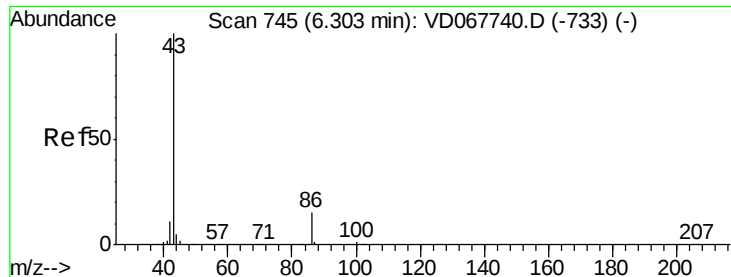
Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion:	45	Resp:	62255
Ion	Ratio	Lower	Upper
45	100		
43	69.1	46.8	70.2
87	40.2	32.9	49.3
59	14.9	11.2	16.8

Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 211.613 ug/l m

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 43 Resp: 93095

Ion Ratio Lower Upper

43 100

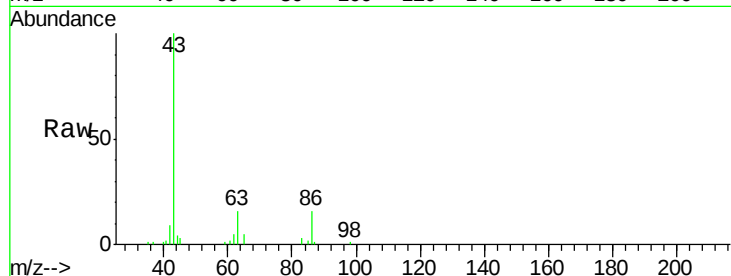
86 15.6 11.7 17.5

Manual Integrations

APPROVED

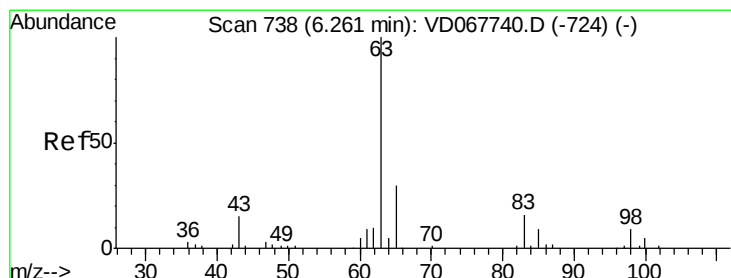
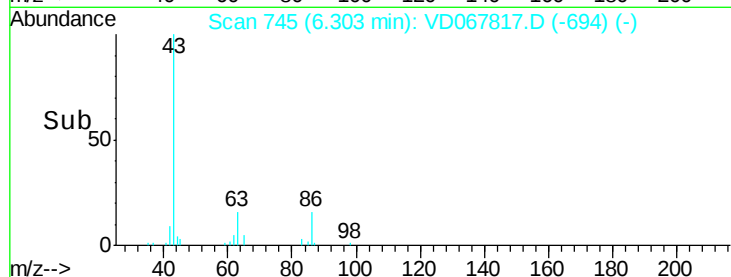
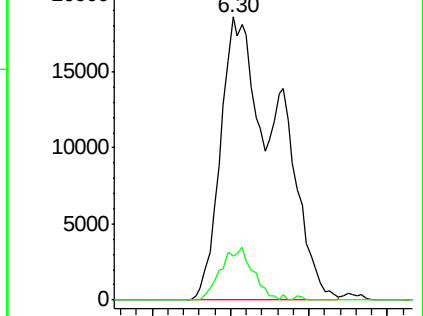
MMDadoda

12/1/2020 12:43:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 63.862 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

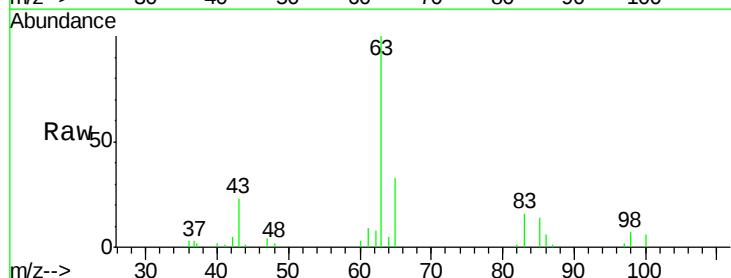
Tgt Ion: 63 Resp: 42226

Ion Ratio Lower Upper

63 100

98 7.1 4.4 13.2

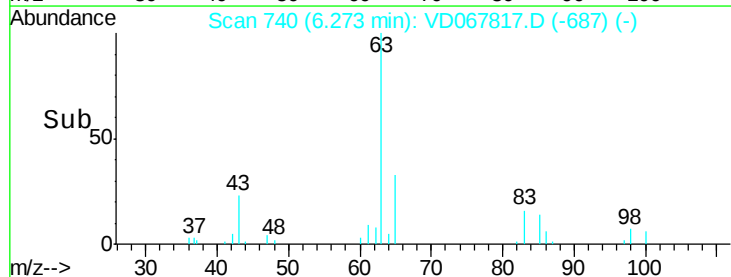
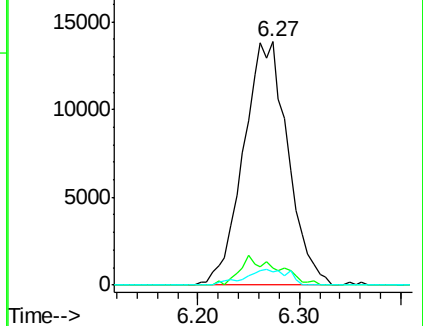
100 5.5 2.6 8.0

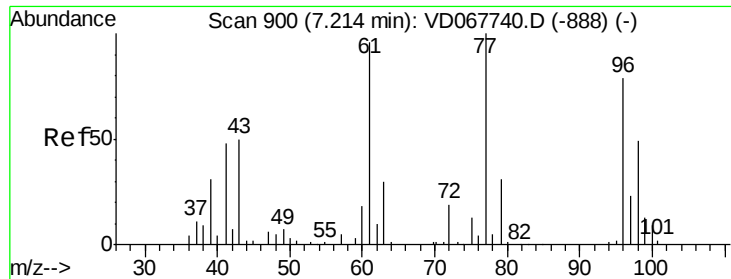


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 835.496 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 43 Resp: 58638

Ion Ratio Lower Upper

43 100

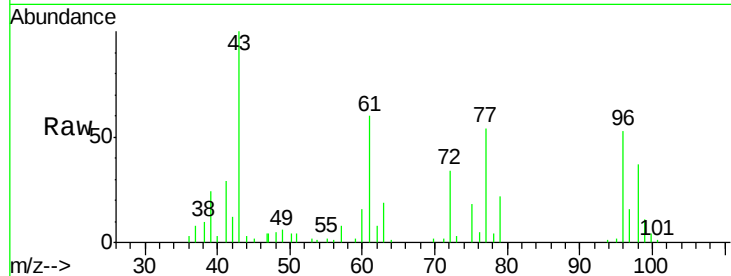
72 34.0 30.8 46.2

Manual Integrations

APPROVED

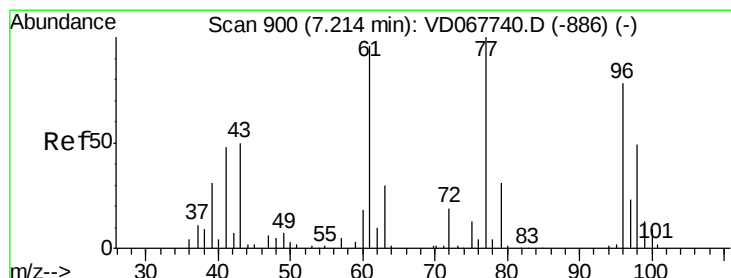
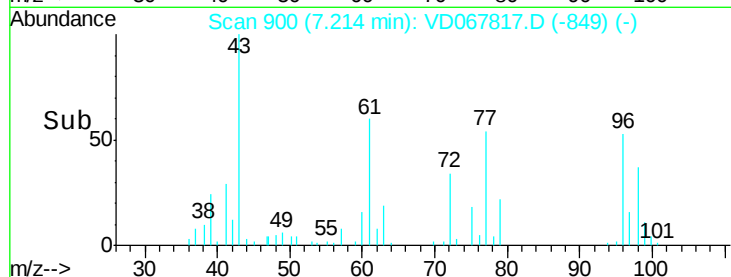
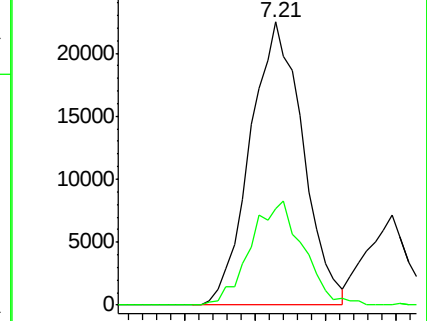
MMDadoda

12/1/2020 12:43:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 53.844 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067817.D

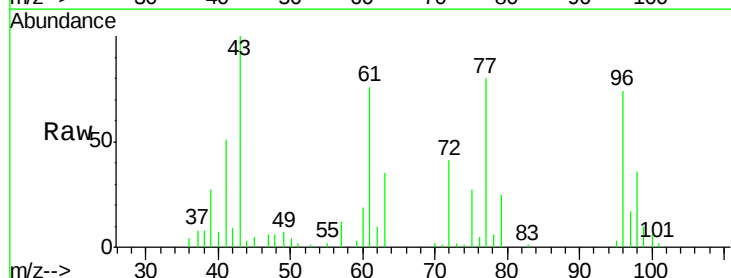
Acq: 30 Nov 2020 16:33

Tgt Ion: 77 Resp: 42001

Ion Ratio Lower Upper

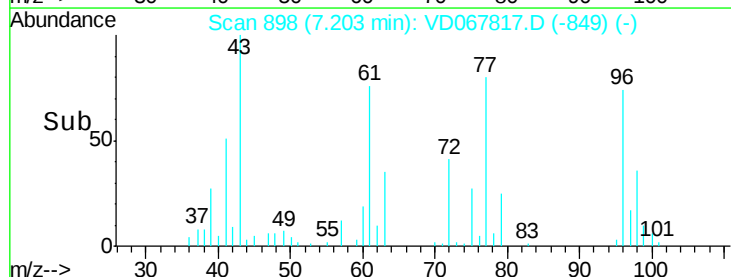
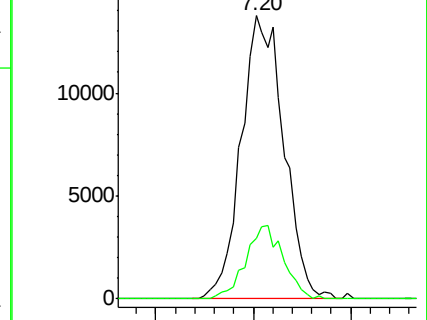
77 100

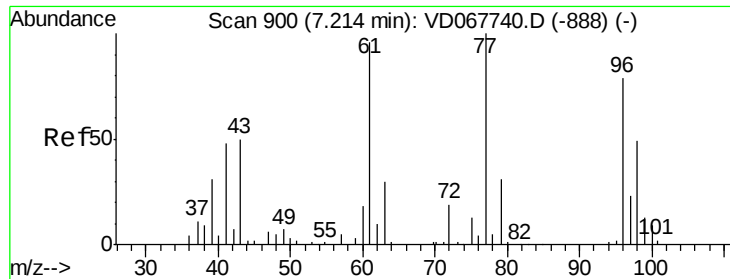
97 22.8 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

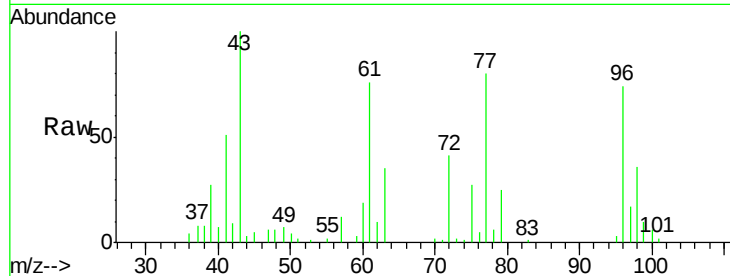
cis-1,2-Dichloroethene
Concen: 68.514 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

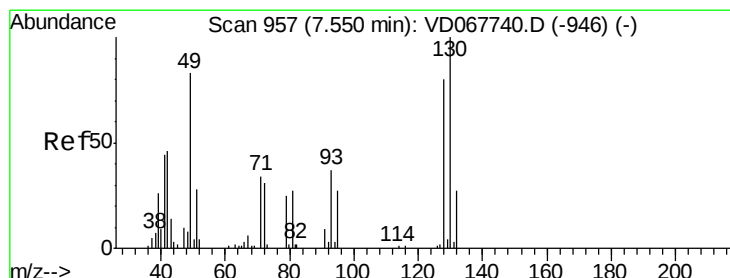
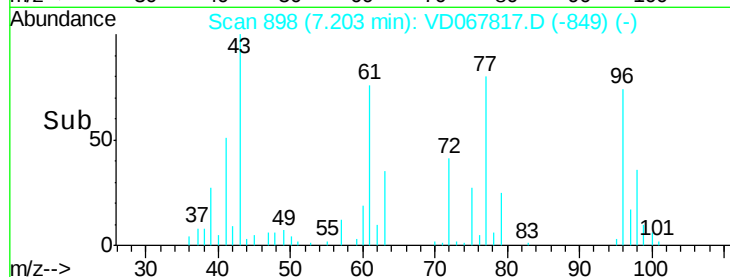
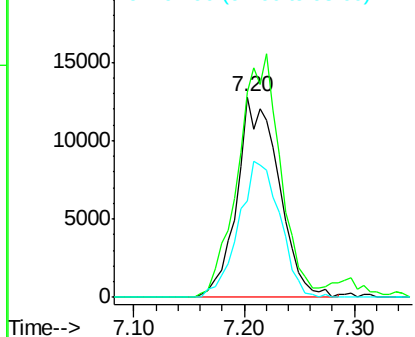
Tot Ion	Ratio	Resp	Lower	Upper
96	100	33935		
61	122.1	0.0	258.0	
98	66.9	0.0	131.8	

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



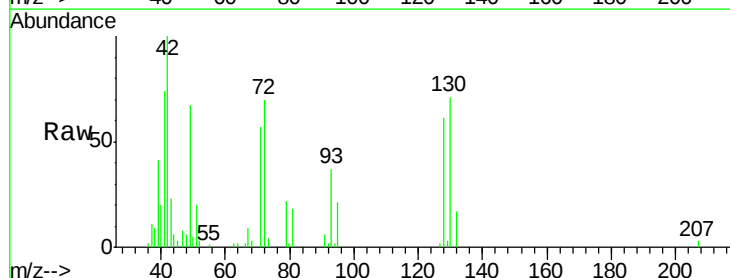
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



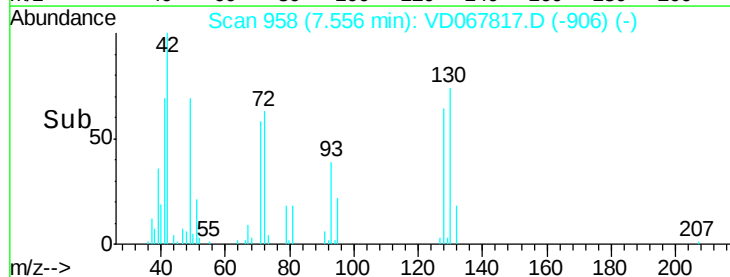
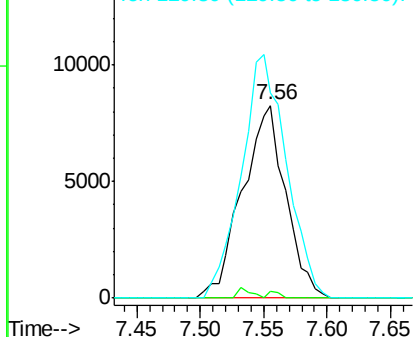
#28

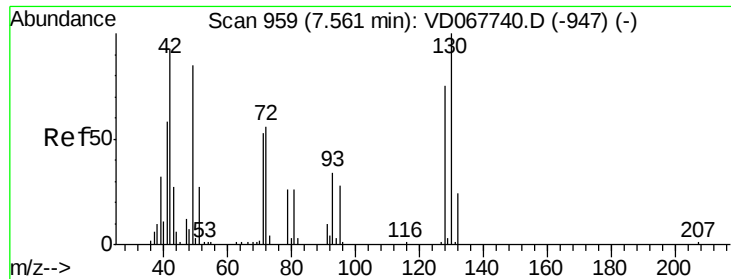
Bromochloromethane
Concen: 92.866 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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



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





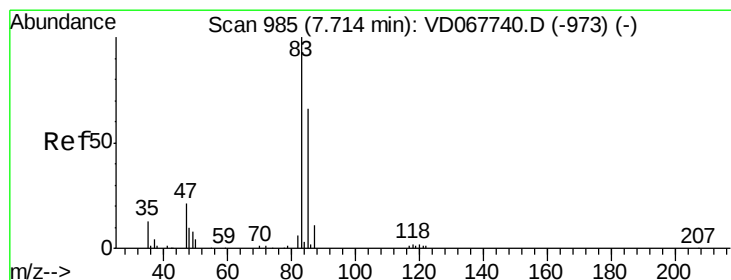
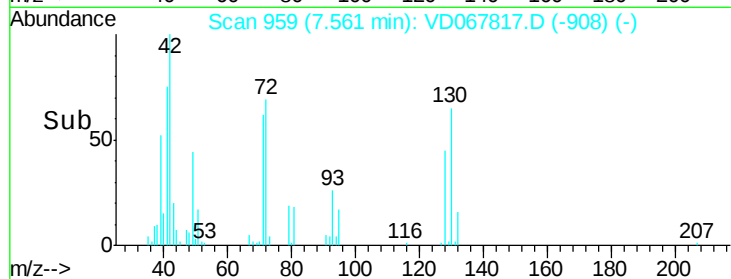
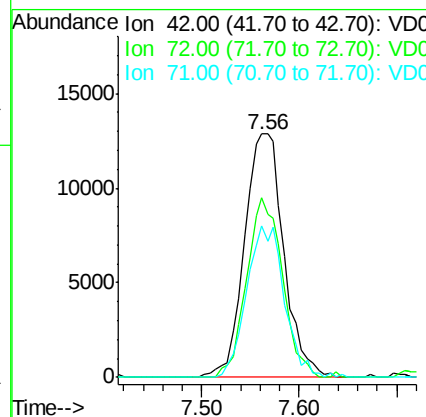
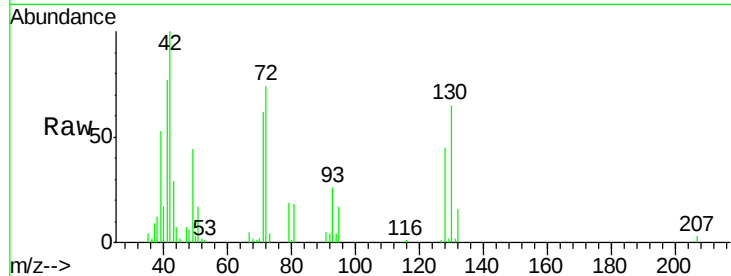
#29
Tetrahydrofuran
Concen: 908.664 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	67.3	49.3	73.9
71	59.5	45.9	68.9

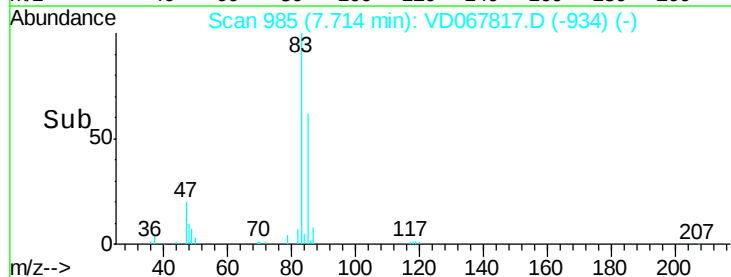
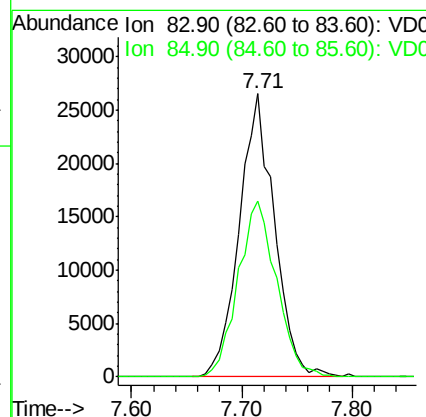
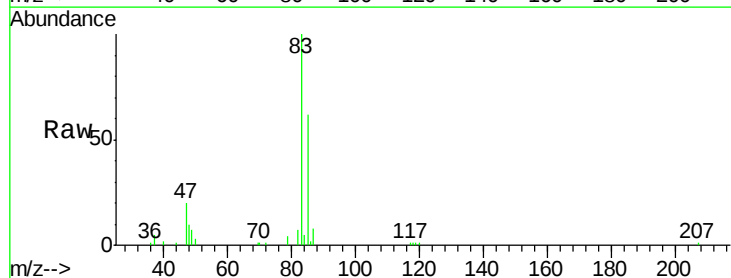
Manual Integrations
APPROVED

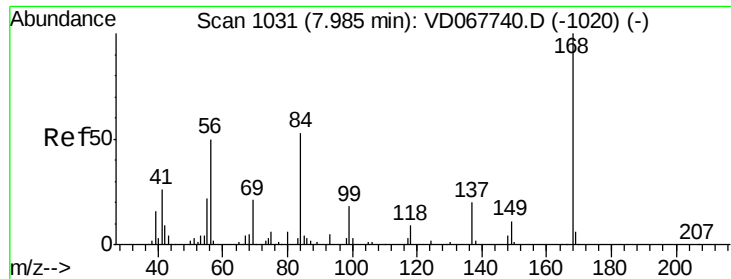
MMDadoda
12/1/2020 12:43:45 PM



#30
Chloroform
Concen: 68.789 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	53.1	79.7





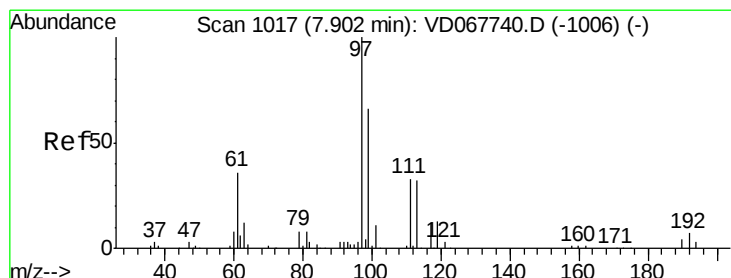
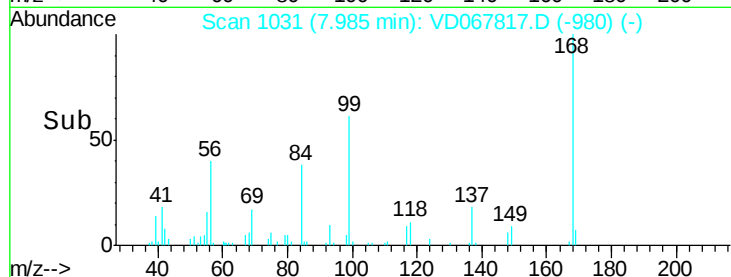
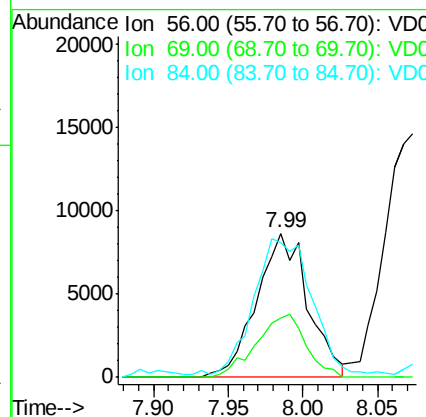
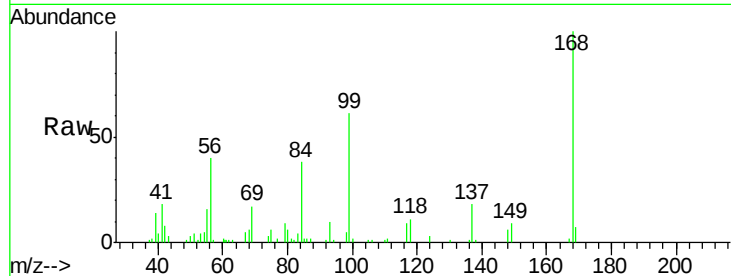
#31
Cyclohexane
Concen: 35.257 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

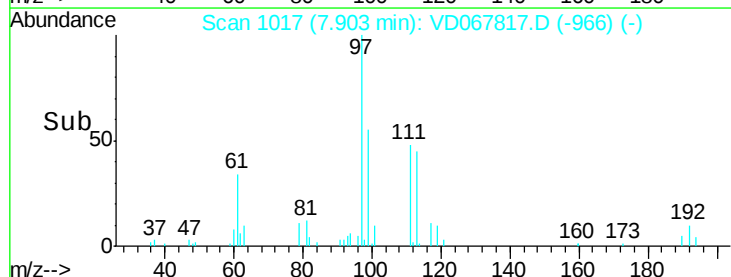
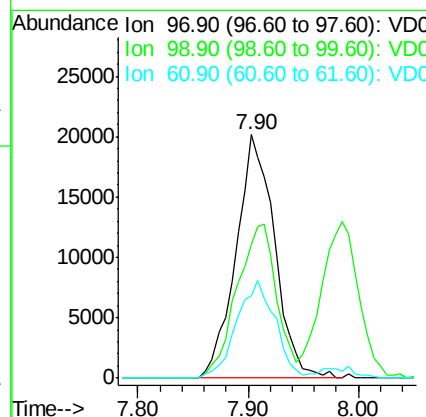
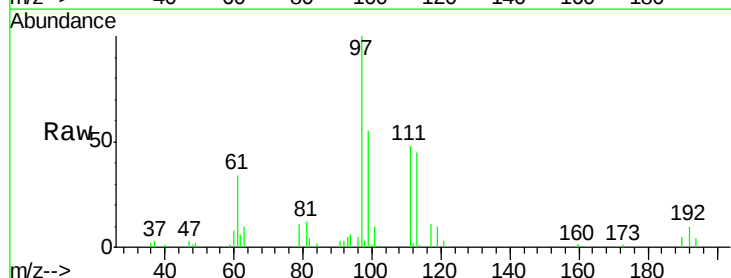
Manual Integrations
APPROVED

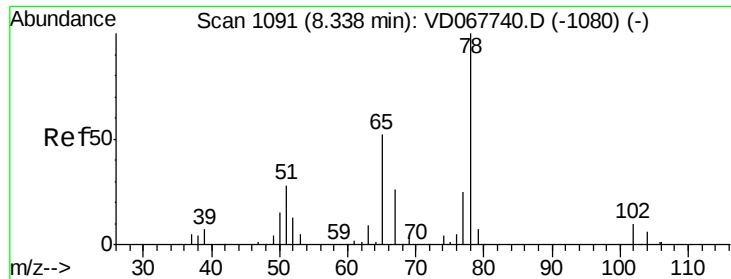
MMDadoda
12/1/2020 12:43:45 PM



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

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





#33

1,2-Dichloroethane-d4

Concen: 110.378 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 65 Resp: 53438

Ion Ratio Lower Upper

65 100

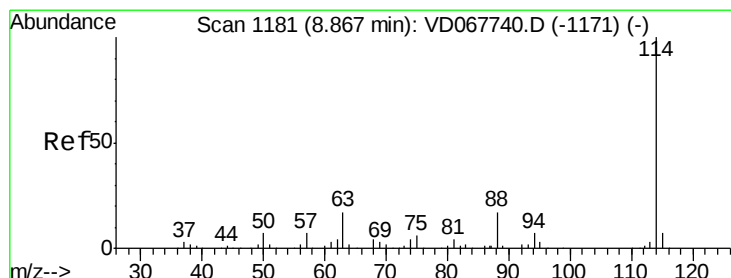
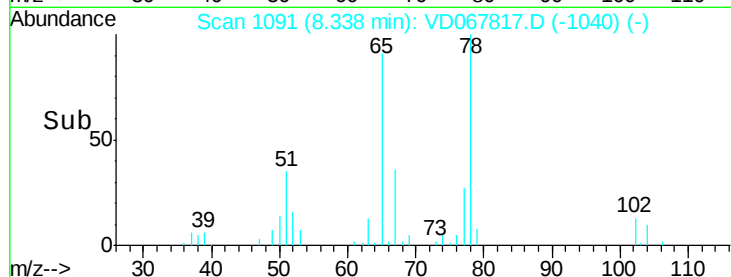
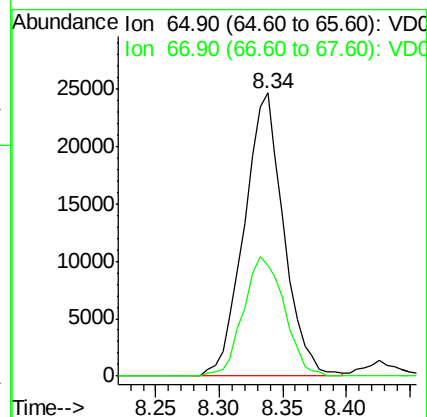
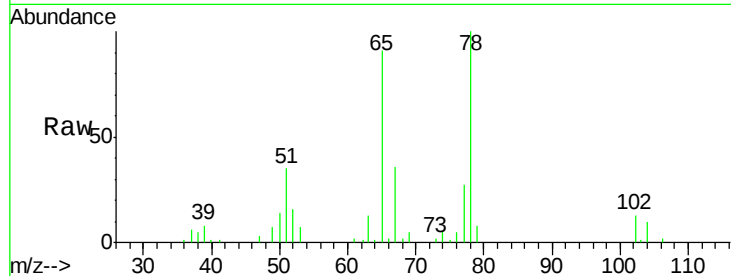
67 43.4 0.0 101.0

Manual Integrations

APPROVED

MMDadoda

12/1/2020 12:43:45 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

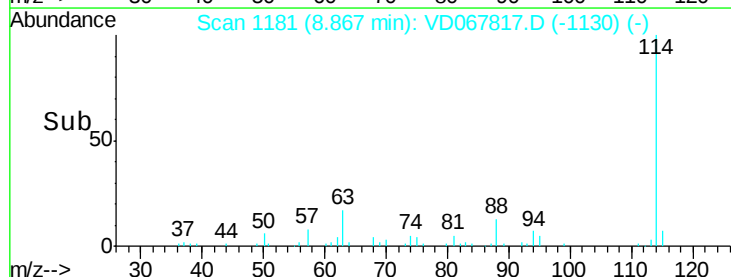
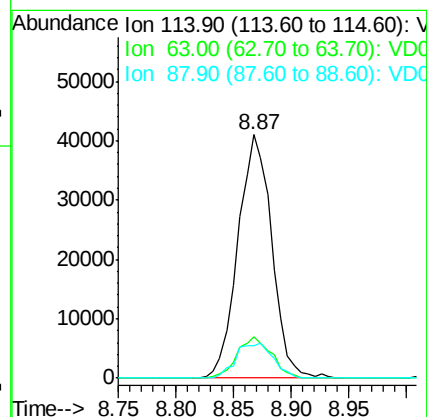
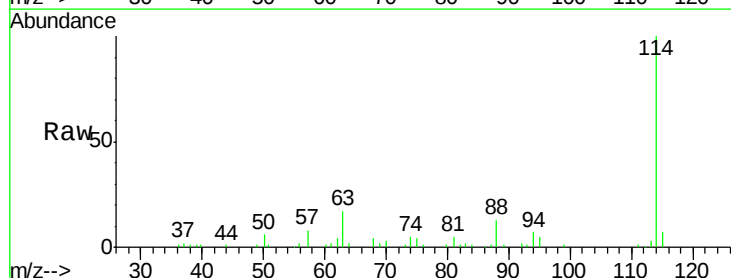
Tgt Ion: 114 Resp: 83306

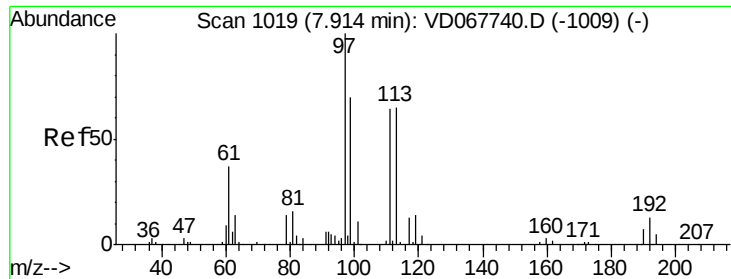
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.8

88 13.1 0.0 34.4





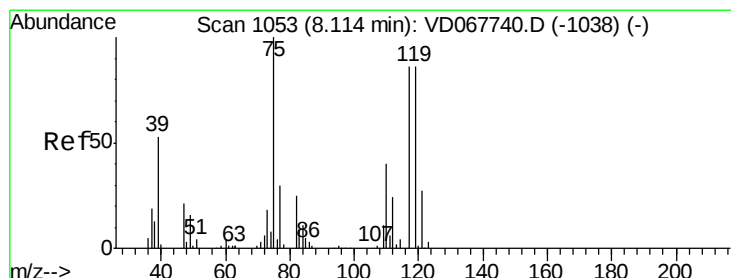
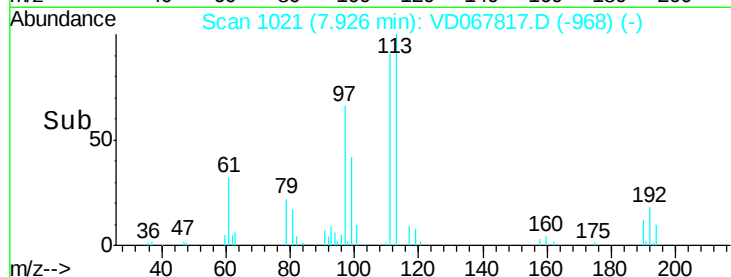
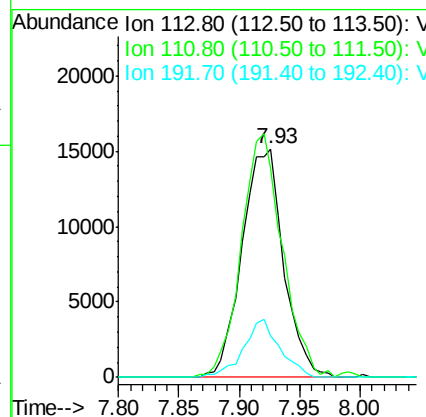
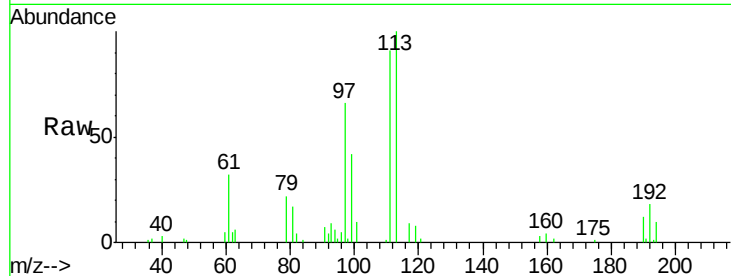
#35
Dibromofluoromethane
Concen: 68.600 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

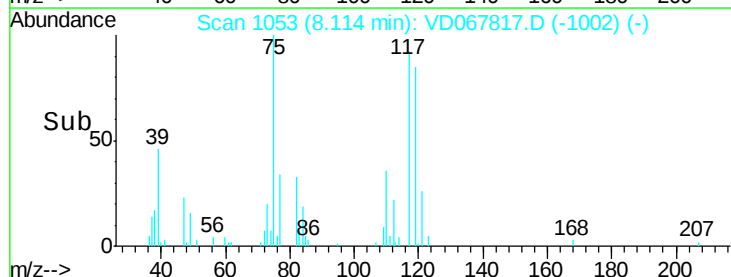
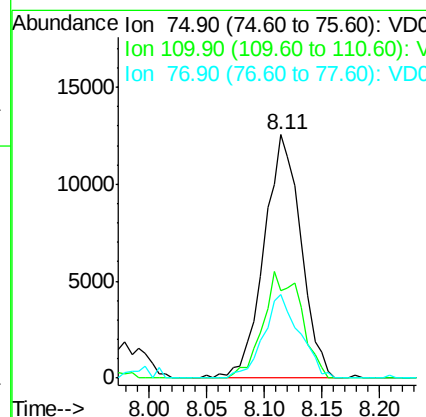
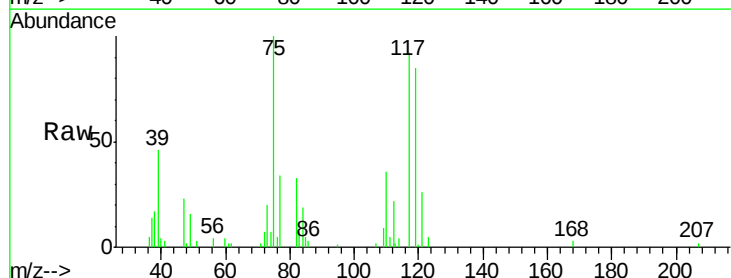
Manual Integrations
APPROVED

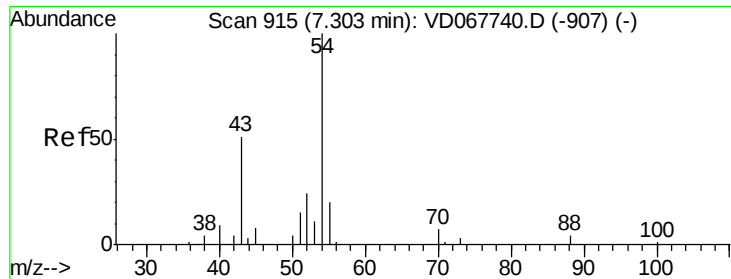
MMDadoda
12/1/2020 12:43:45 PM



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

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





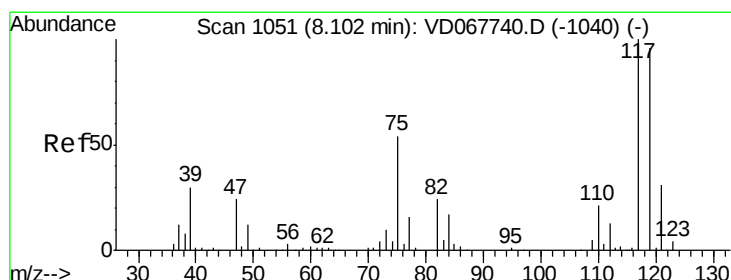
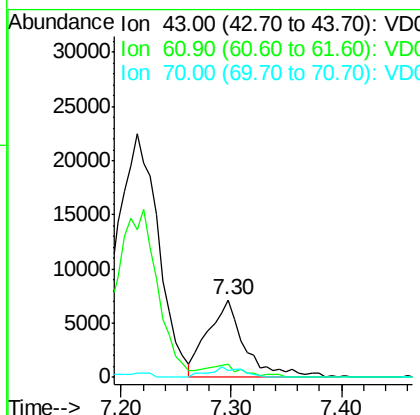
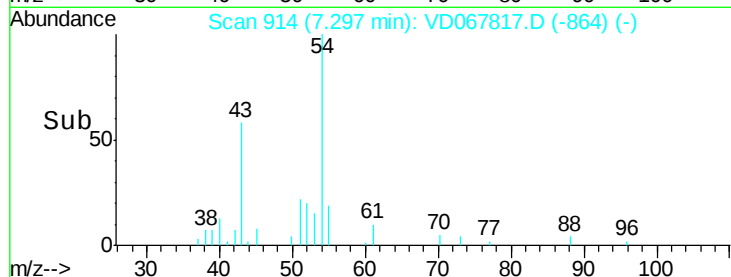
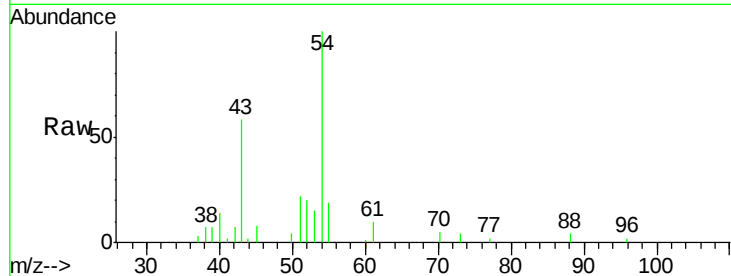
#37
Ethyl Acetate
Concen: 86.609 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	12.9	19.3#
70	11.7	12.2	18.2#

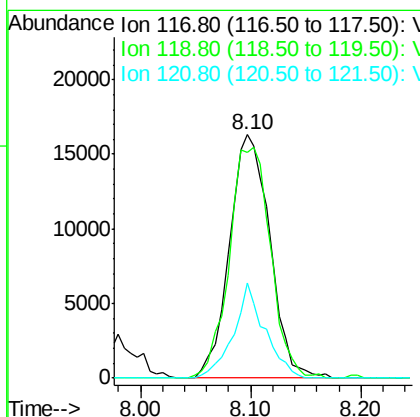
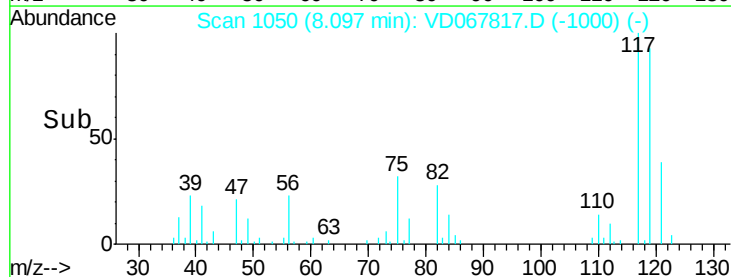
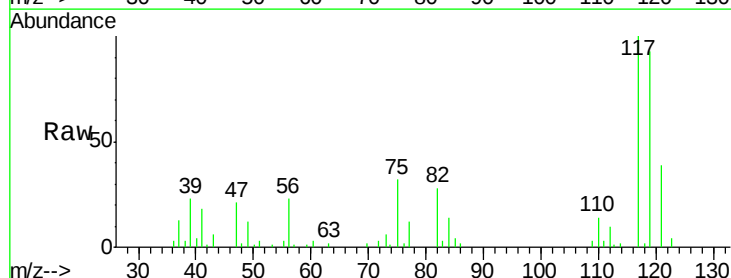
Manual Integrations
APPROVED

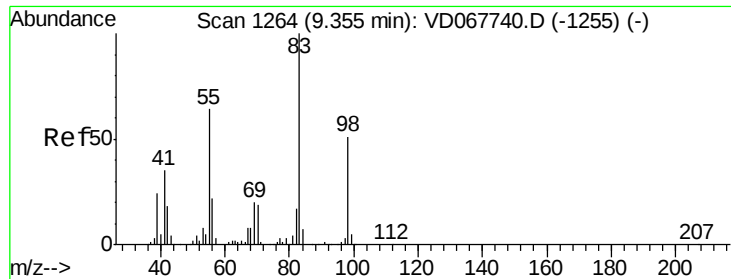
MMDadoda
12/1/2020 12:43:45 PM



#38
Carbon Tetrachloride
Concen: 40.376 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	115.0
121	38.8	24.5	36.7#





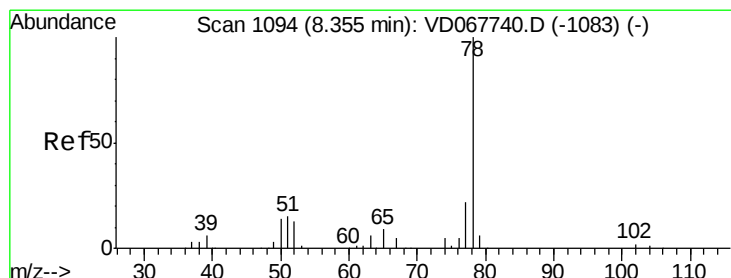
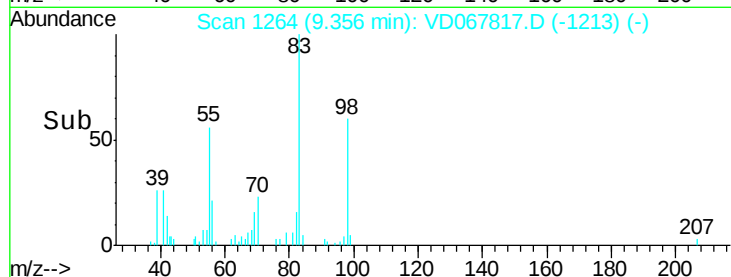
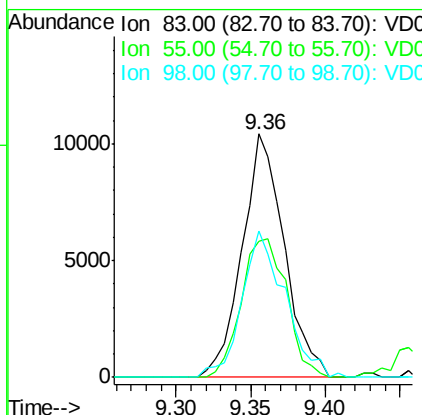
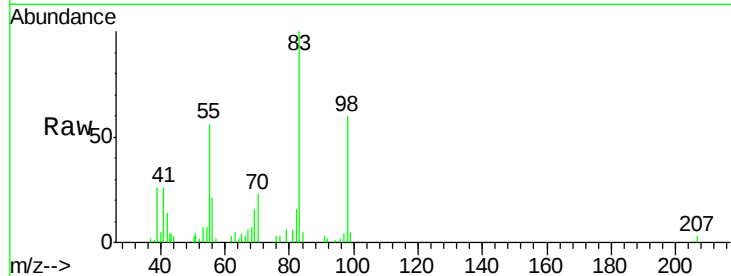
#39
Methvlcvclohexane
Concen: 24.050 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

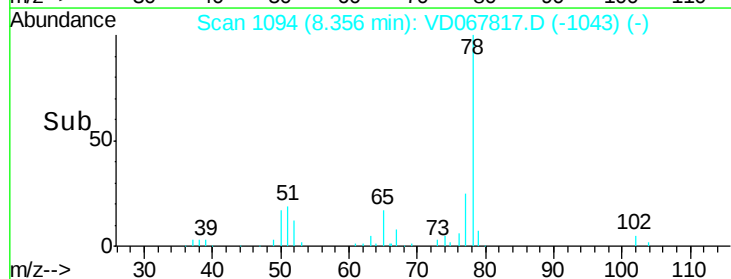
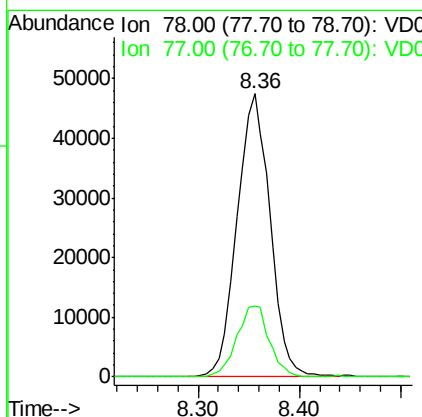
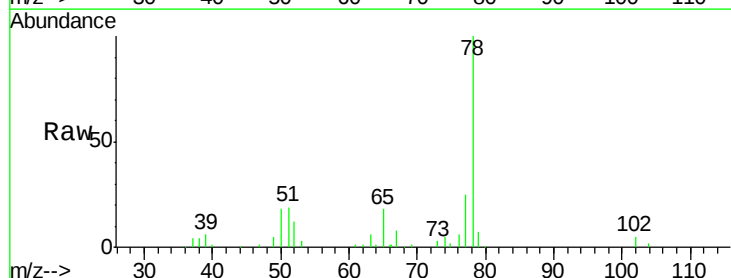
Manual Integrations
APPROVED

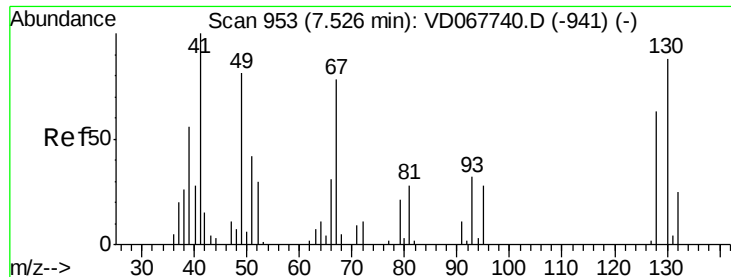
MMDadoda
12/1/2020 12:43:45 PM



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

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	17.8	26.6





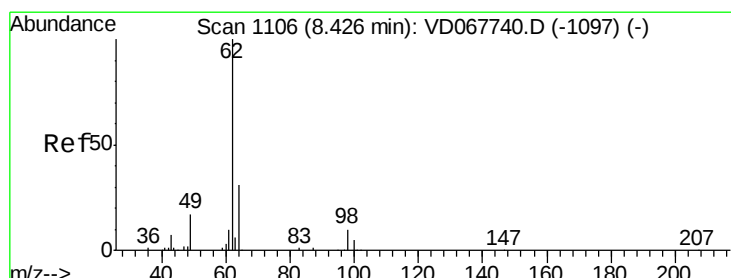
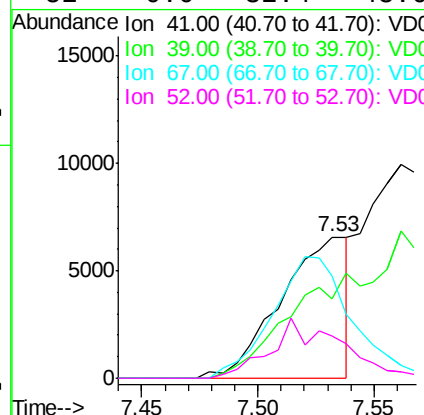
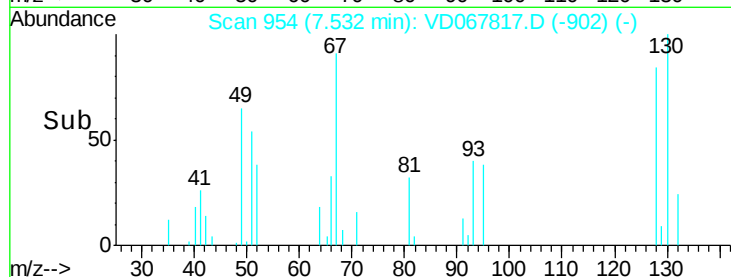
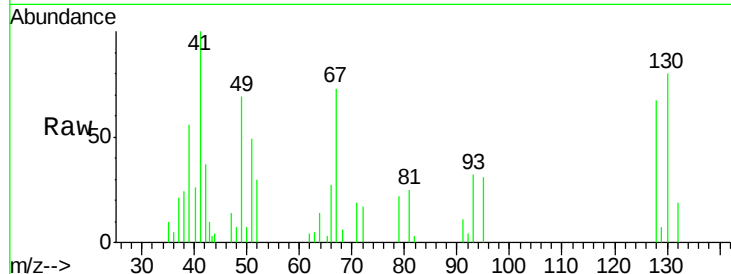
#41
Methacrylonitrile
Concen: 136.824 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion: 41 Resp: 13430
Ion Ratio Lower Upper
41 100
39 185.8 50.2 75.4#
67 0.0 79.0 118.6#
52 0.0 32.4 48.6#

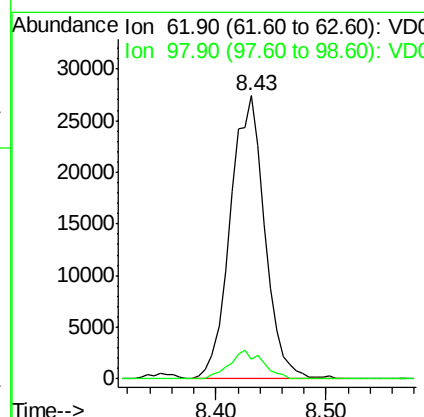
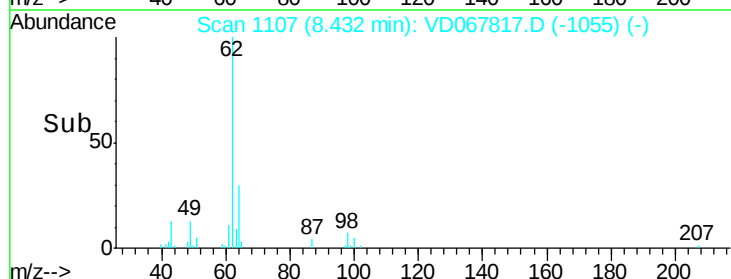
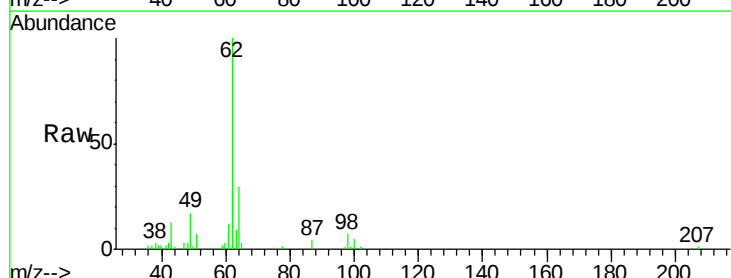
Manual Integrations
APPROVED

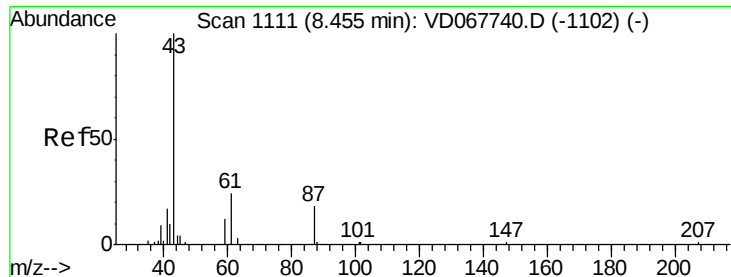
MMDadoda
12/1/2020 12:43:45 PM



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

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





#43

Isopropyl Acetate

Concen: 81.202 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

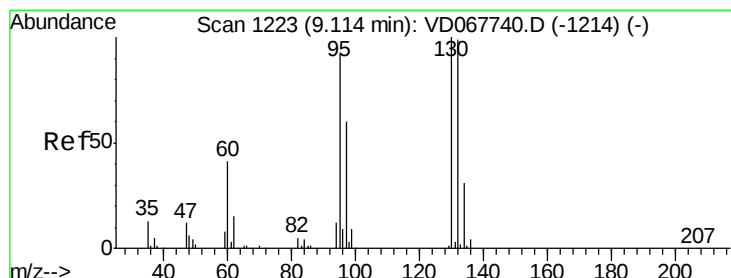
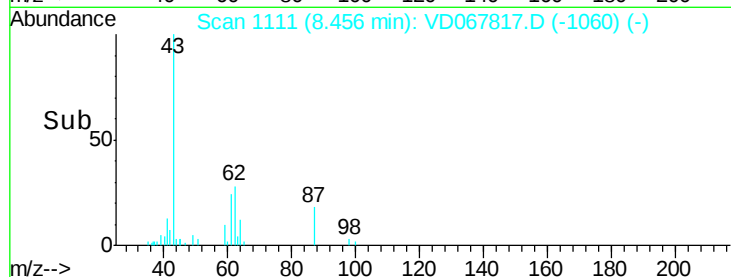
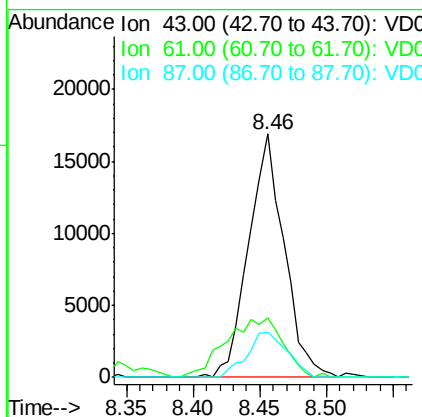
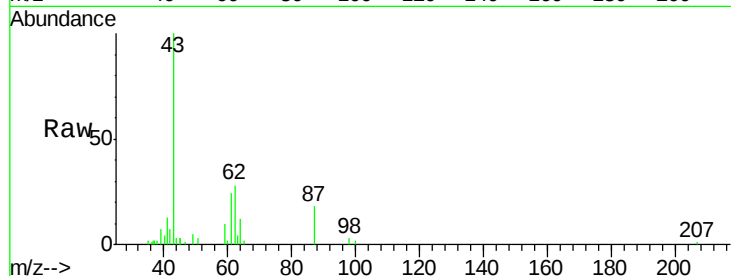
ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion:	43	Resp:	31171
Ion	Ratio	Lower	Upper
43	100		
61	39.3	30.2	45.4
87	20.9	14.2	21.4

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#44

Trichloroethene

Concen: 46.892 ug/l

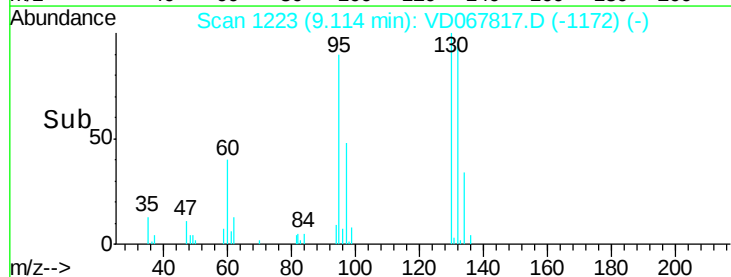
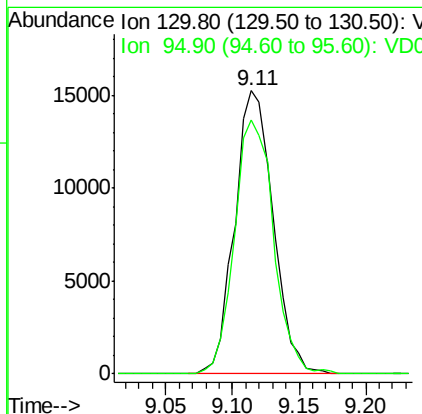
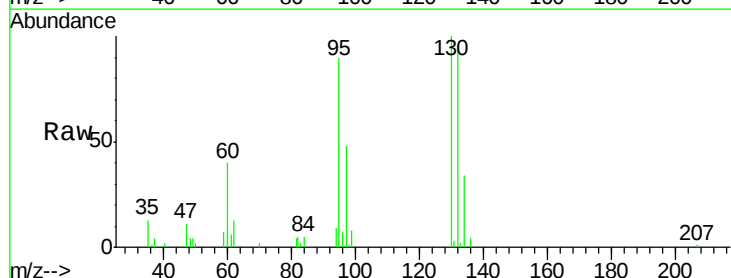
RT: 9.11 min Scan# 1223

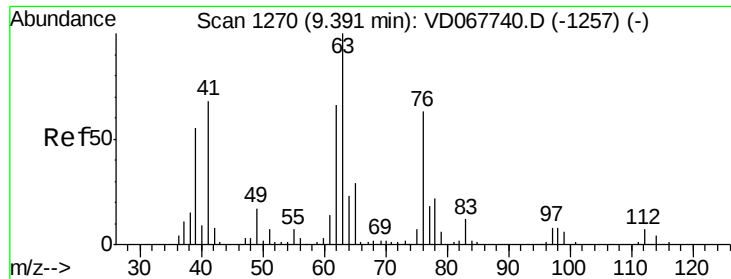
Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion:	130	Resp:	30513
Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 60.689 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 63 Resp: 24449

Ion Ratio Lower Upper

63 100

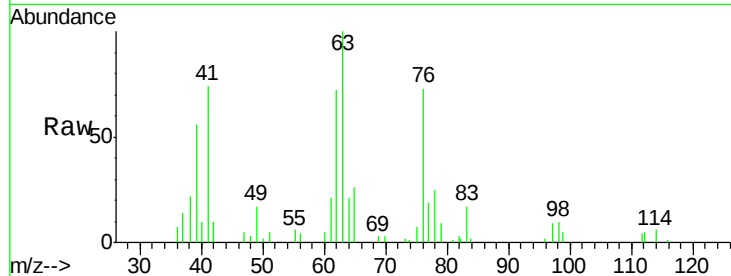
65 26.3 23.1 34.7

Manual Integrations

APPROVED

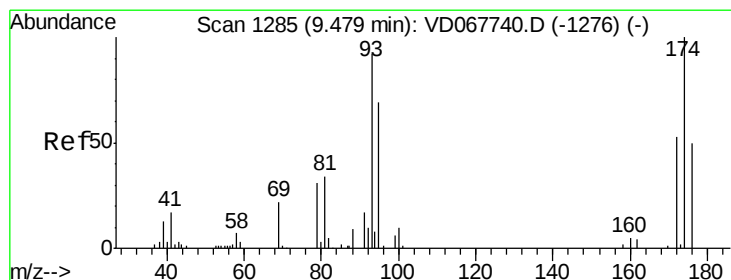
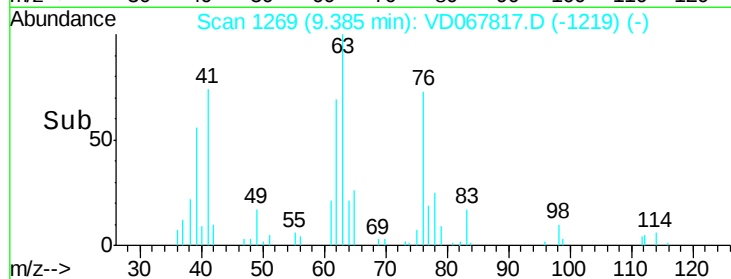
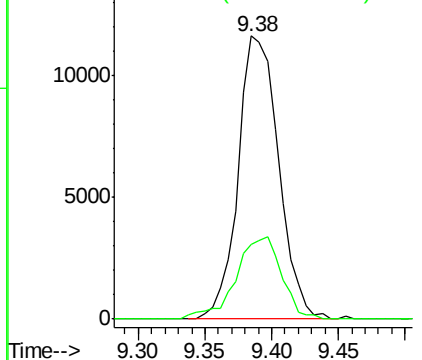
MMDadoda

12/1/2020 12:43:45 PM



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 100.748 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

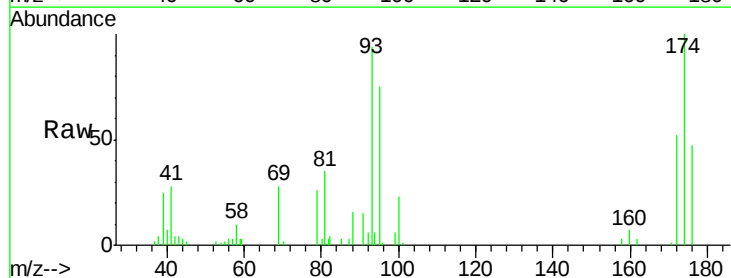
Tgt Ion: 93 Resp: 27632

Ion Ratio Lower Upper

93 100

95 81.6 63.4 95.2

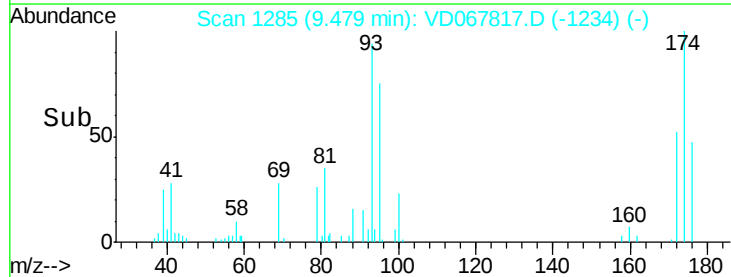
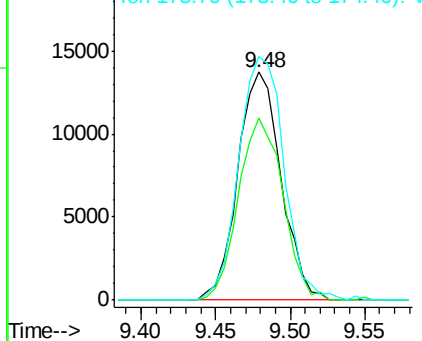
174 111.3 89.6 134.4

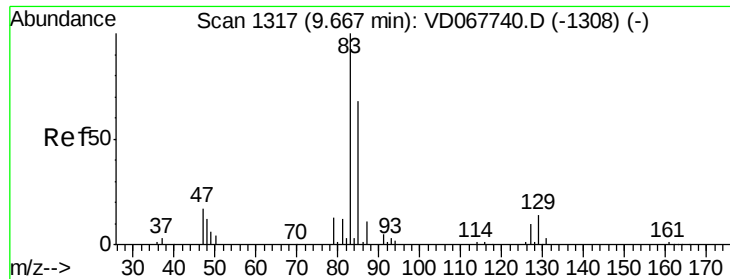


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 72.692 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

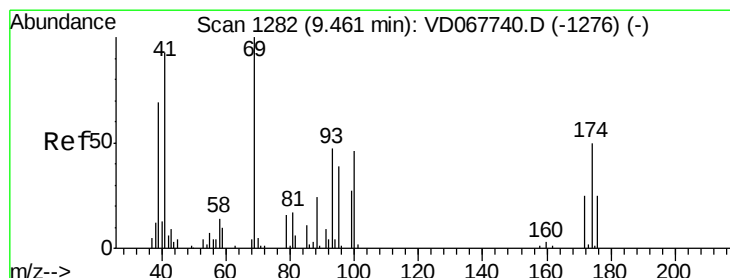
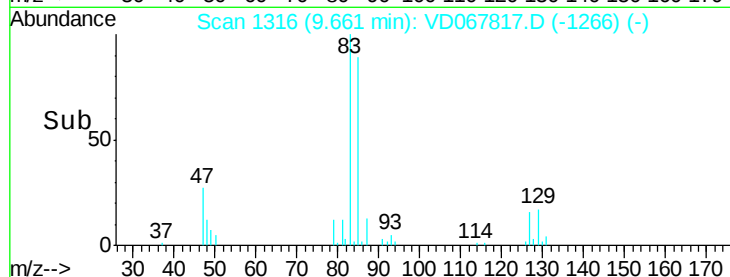
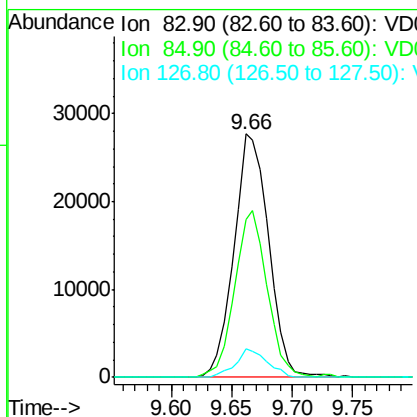
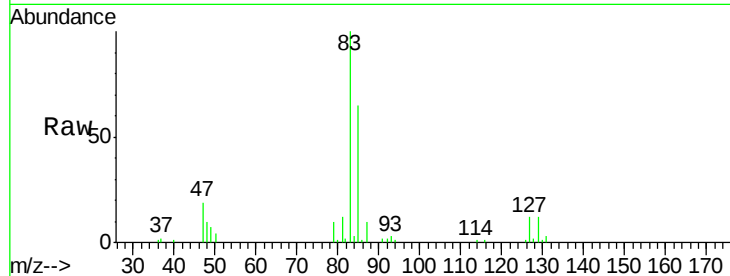
ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion:	83	Resp:	55518
Ion Ratio	Lower	Upper	
83	100		
85	64.7	54.2	81.2
127	11.7	7.6	11.4#

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#48

Methyl methacrylate

Concen: 153.217 ug/l

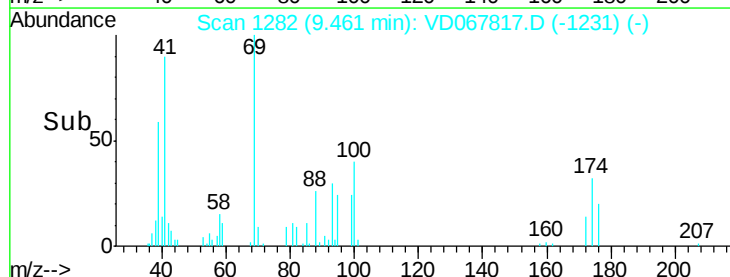
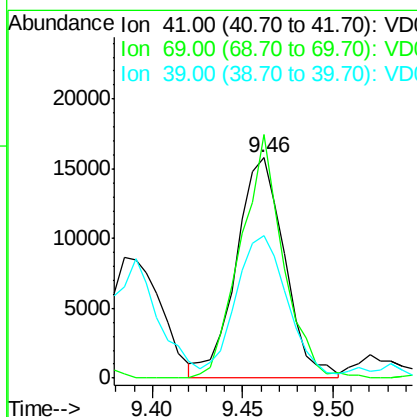
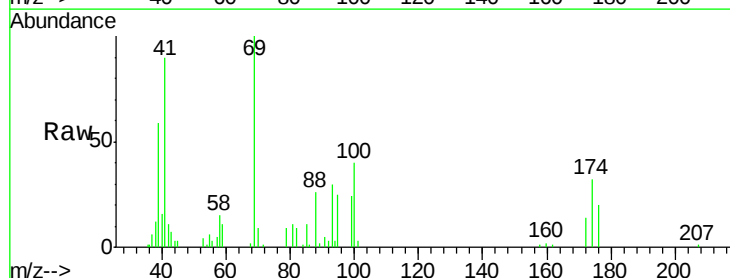
RT: 9.46 min Scan# 1282

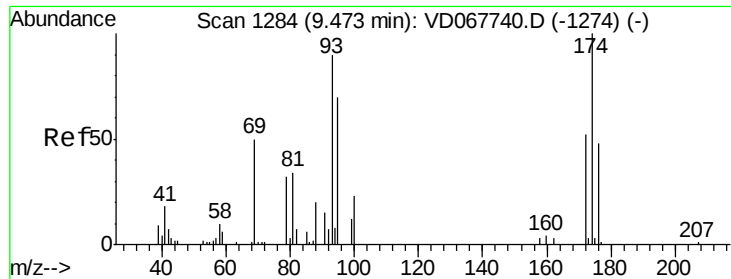
Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion:	41	Resp:	29404
Ion Ratio	Lower	Upper	
41	100		
69	96.7	87.8	131.6
39	69.5	60.5	90.7





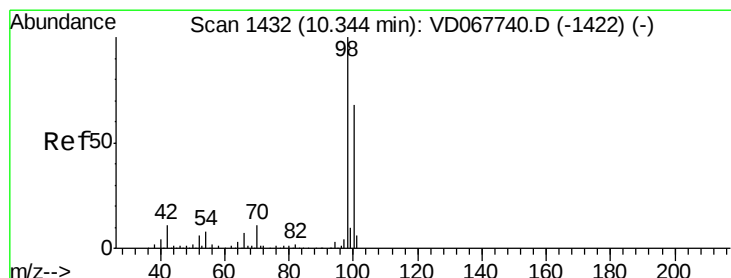
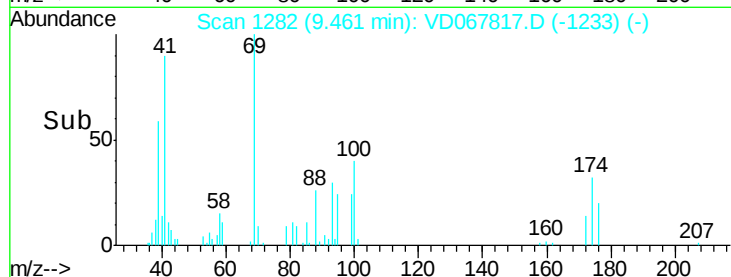
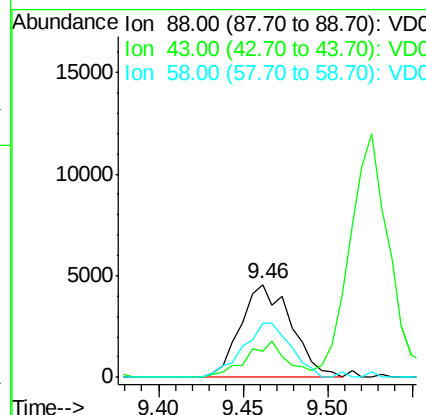
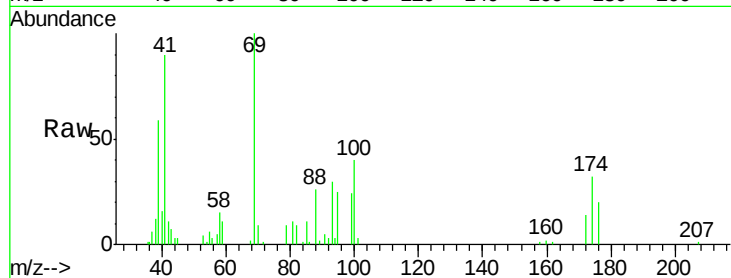
#49
1,4-Dioxane
Concen: 3191.442 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

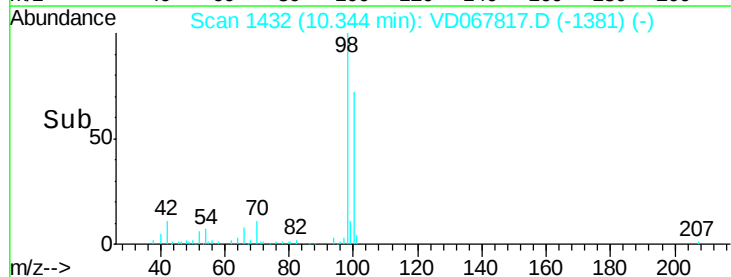
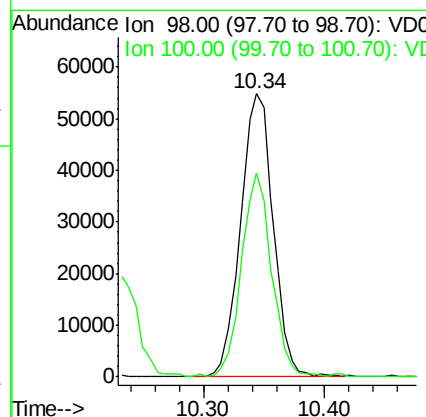
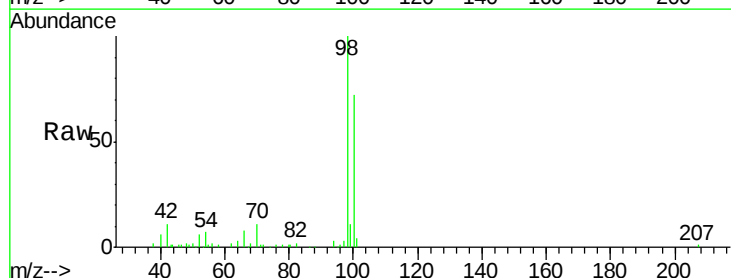
Manual Integrations
APPROVED

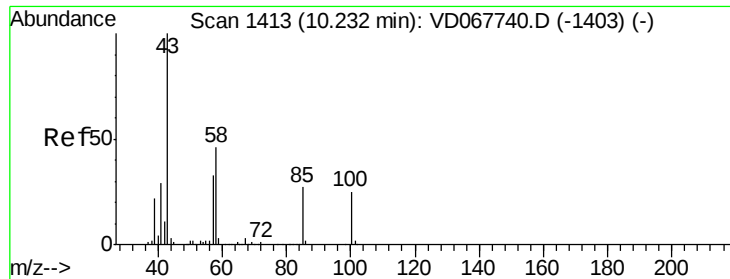
MMDadoda
12/1/2020 12:43:45 PM



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

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





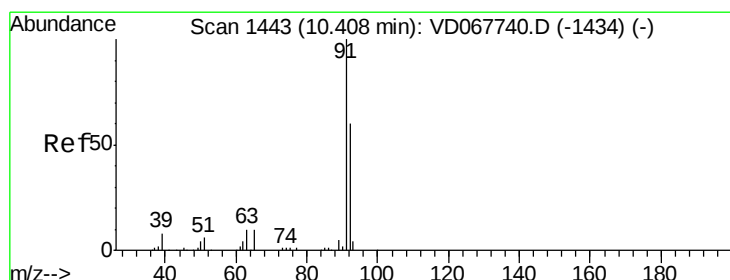
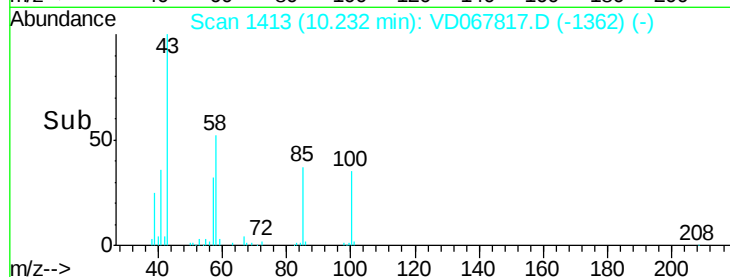
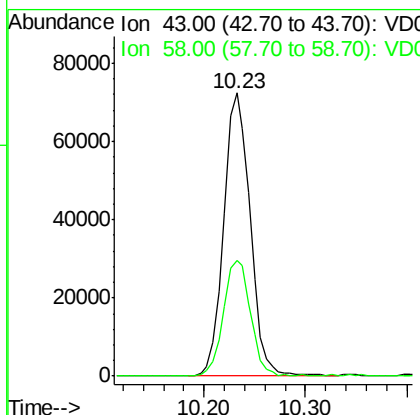
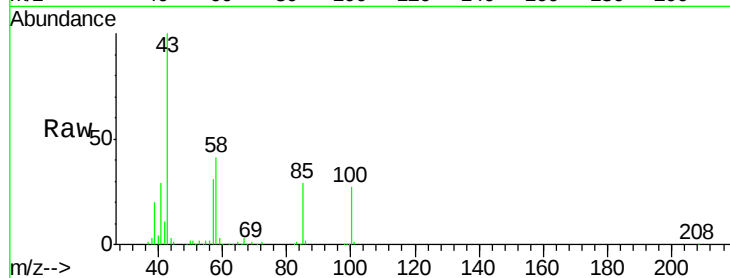
#51
4-Methyl-2-Pentanone
Concen: 726.759 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion: 43 Resp: 131275
Ion Ratio Lower Upper
43 100
58 42.0 34.7 52.1

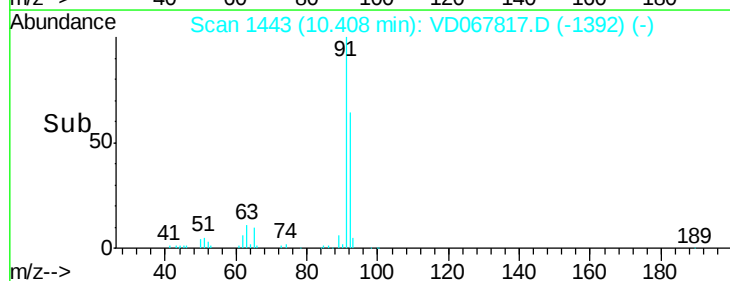
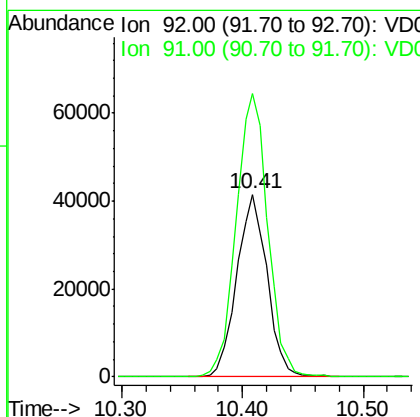
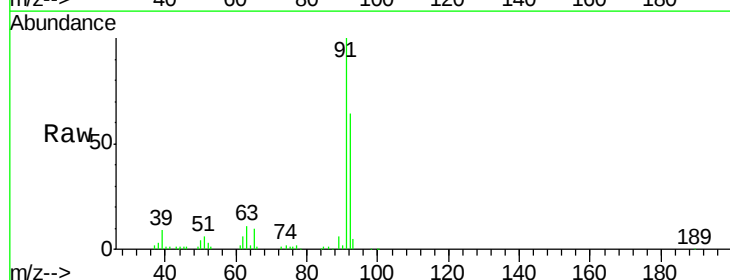
Manual Integrations
APPROVED

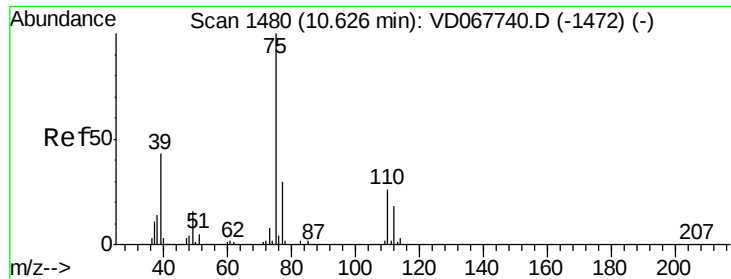
MMDadoda
12/1/2020 12:43:45 PM



#52
Toluene
Concen: 54.627 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion: 92 Resp: 72758
Ion Ratio Lower Upper
92 100
91 162.0 135.4 203.0





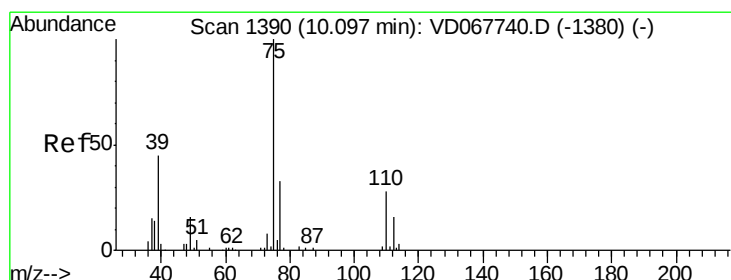
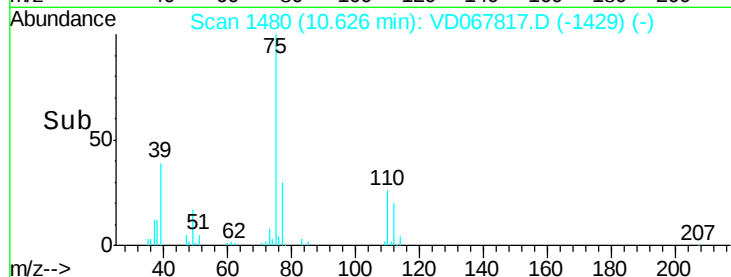
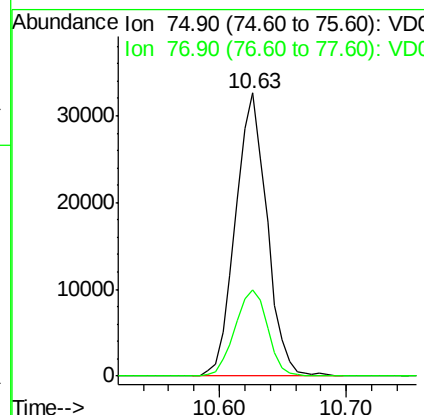
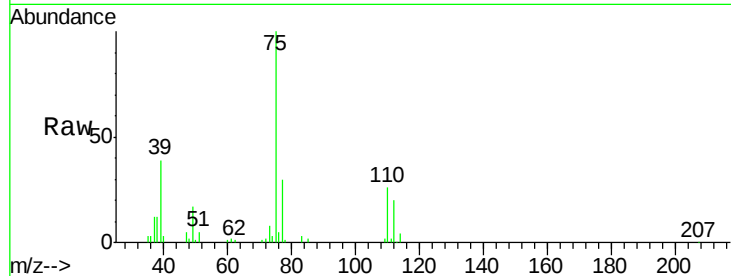
#53
t-1,3-Dichloropropene
Concen: 83.929 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

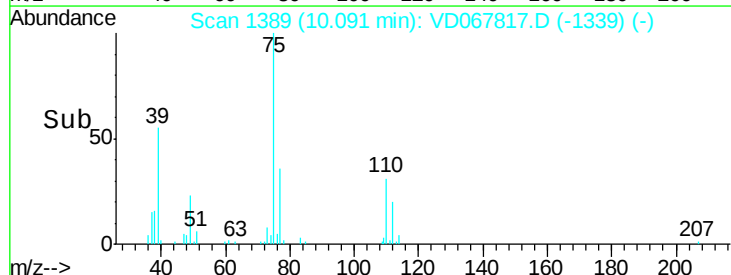
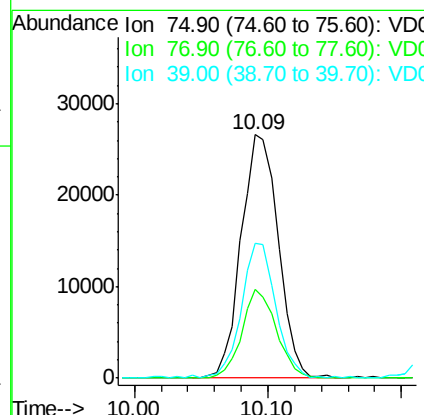
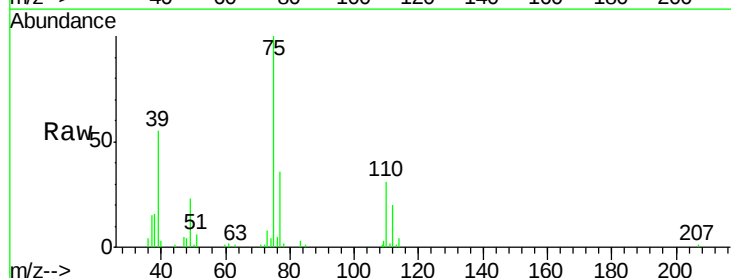
Manual Integrations
APPROVED

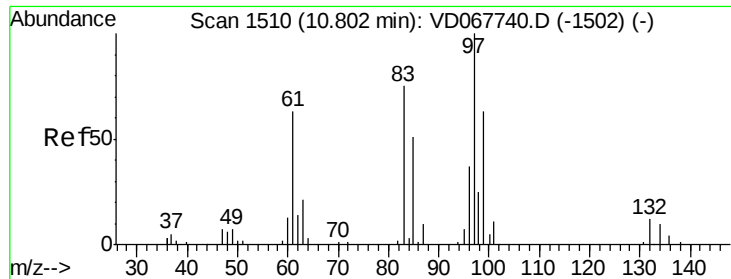
MMDadoda
12/1/2020 12:43:45 PM



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

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





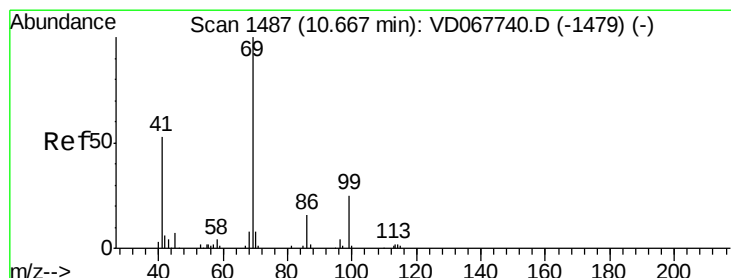
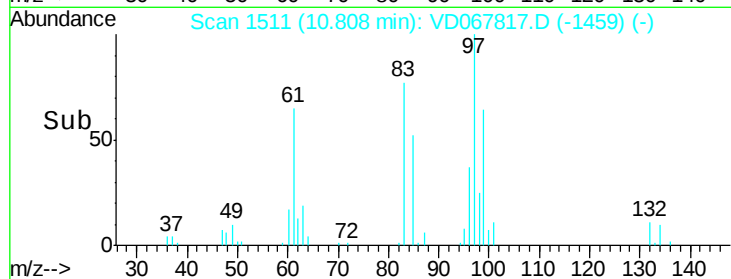
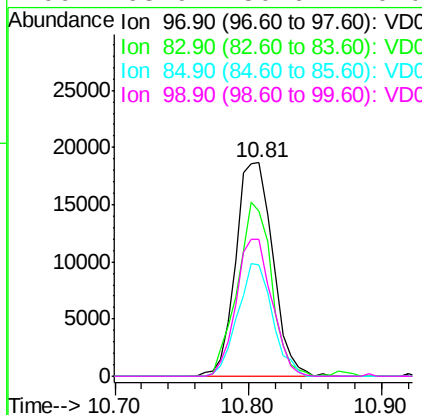
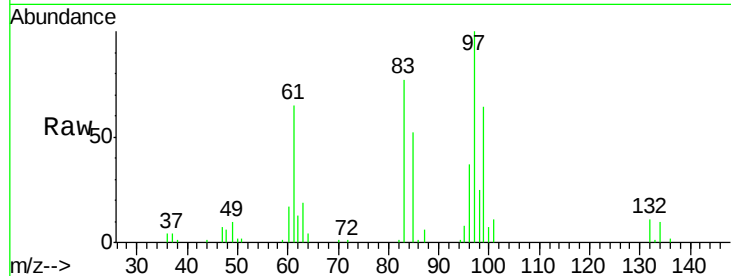
#55
 1,1,2-Trichloroethane
 Concen: 97.695 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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

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

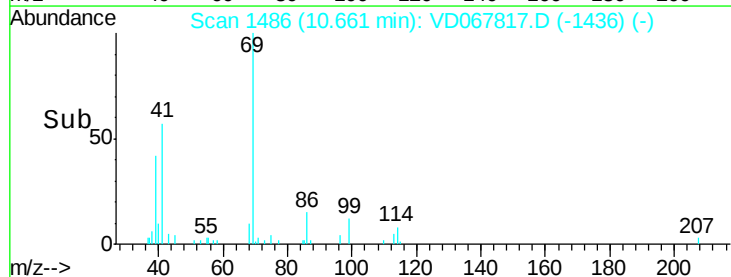
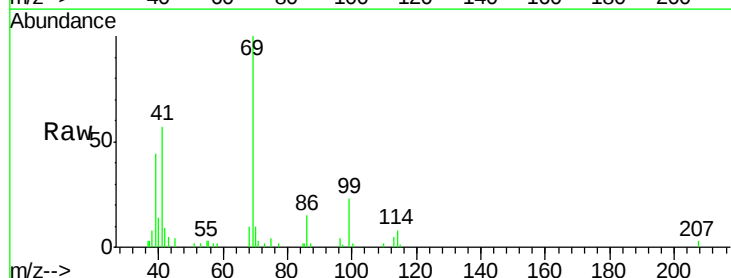
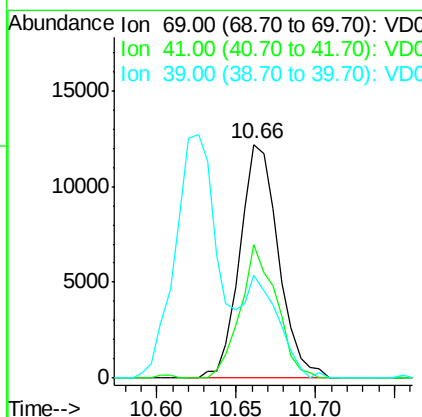
Manual Integrations
 APPROVED

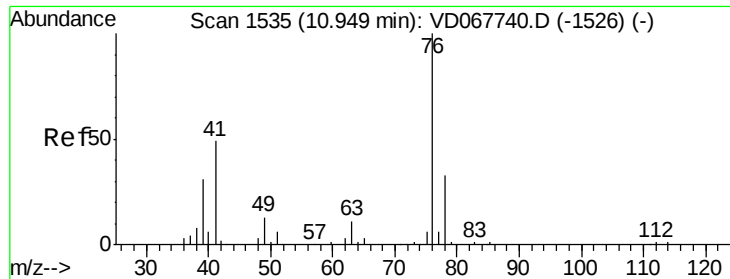
MMDadoda
 12/1/2020 12:43:45 PM



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

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





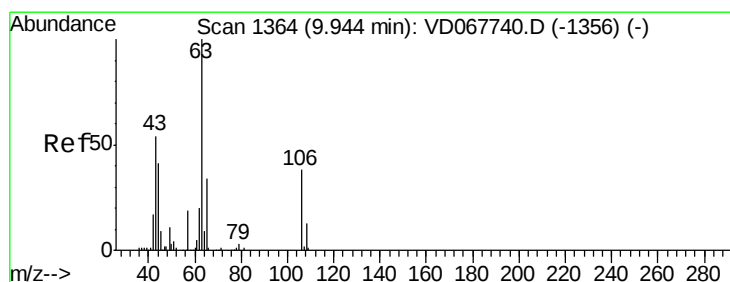
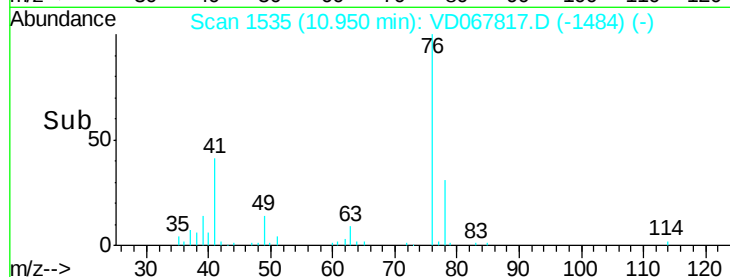
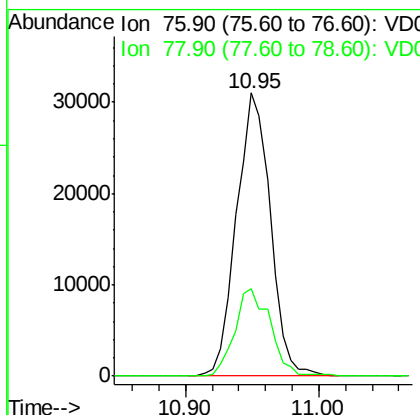
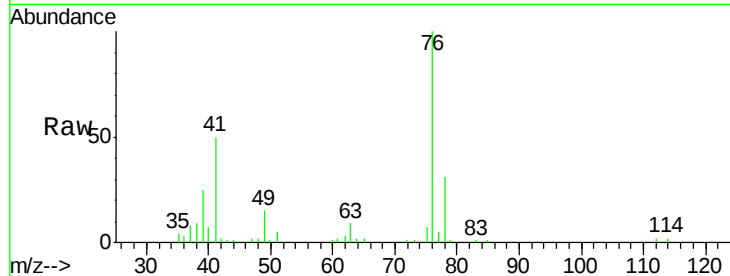
#57
 1,3-Dichloropropane
 Concen: 93.814 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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

Tot Ion: 76 Resp: 54434
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

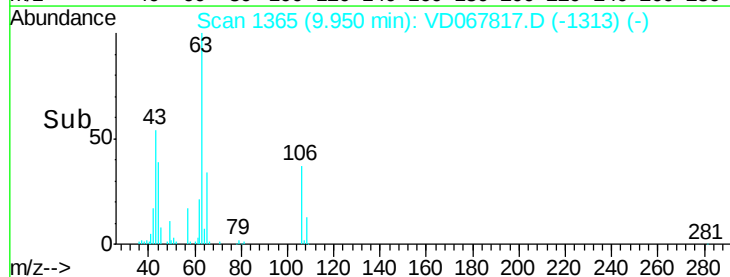
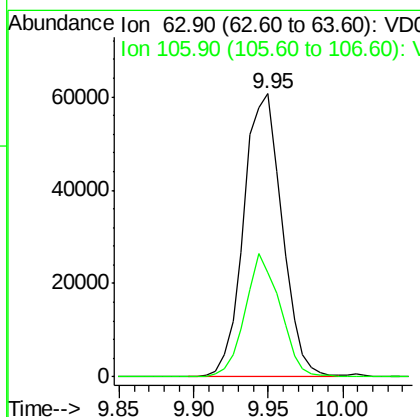
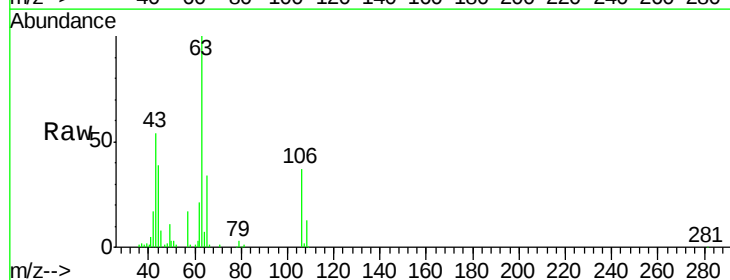
Manual Integrations
 APPROVED

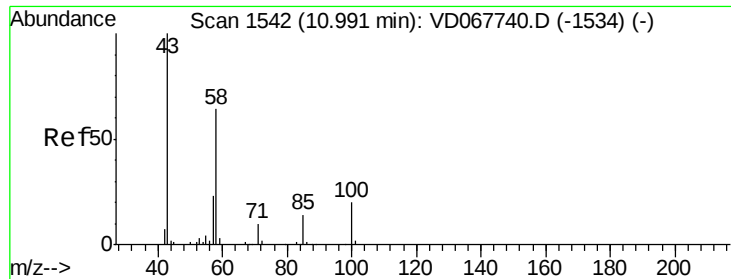
MMDadoda
 12/1/2020 12:43:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 606.183 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion: 63 Resp: 107914
 Ion Ratio Lower Upper
 63 100
 106 39.6 31.0 46.6





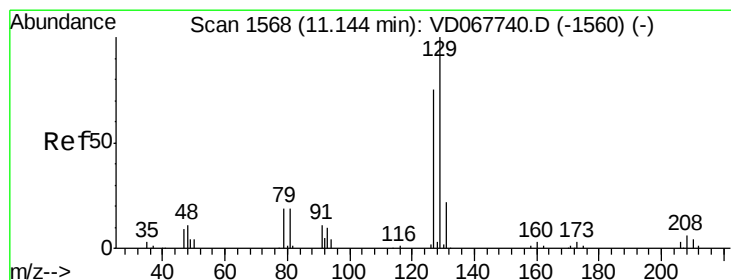
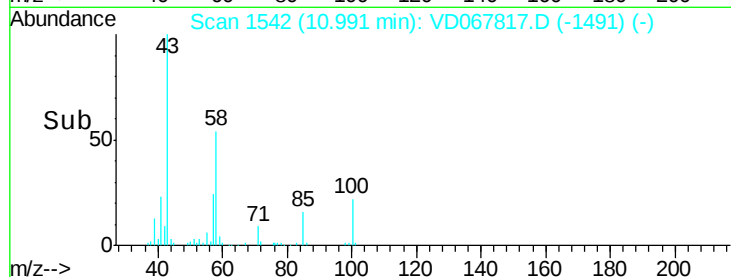
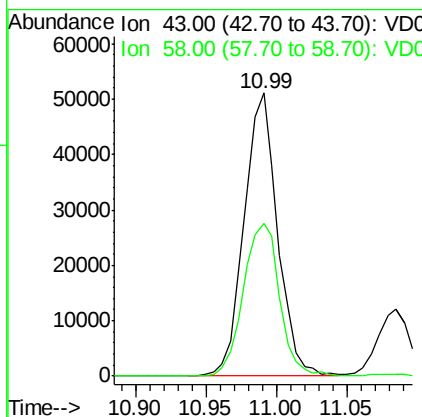
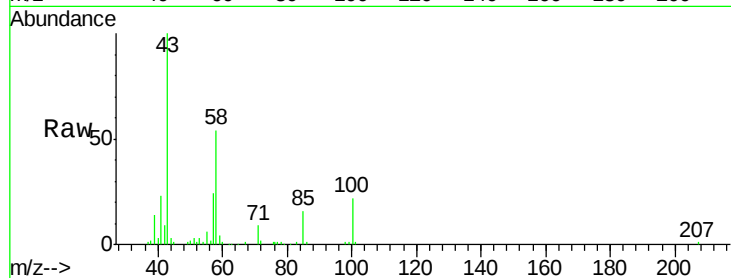
#59
2-Hexanone
Concen: 665.667 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

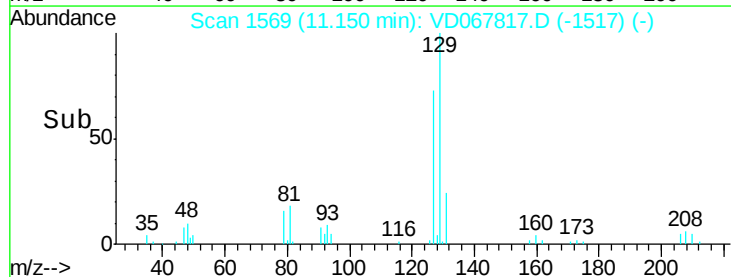
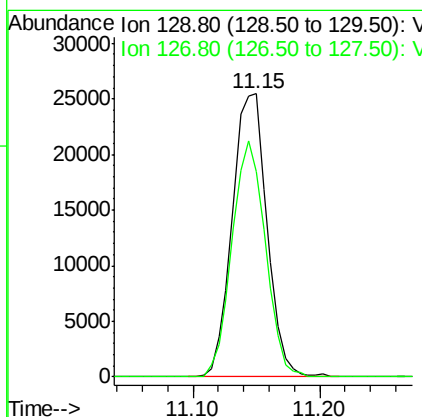
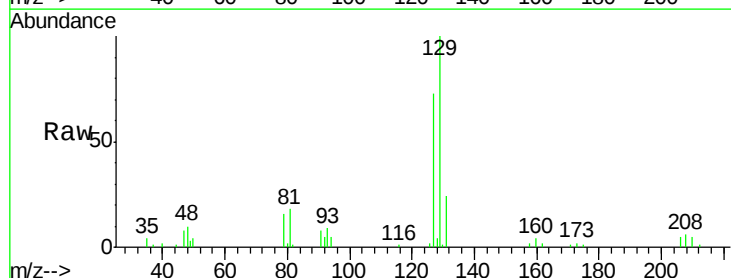
Manual Integrations
APPROVED

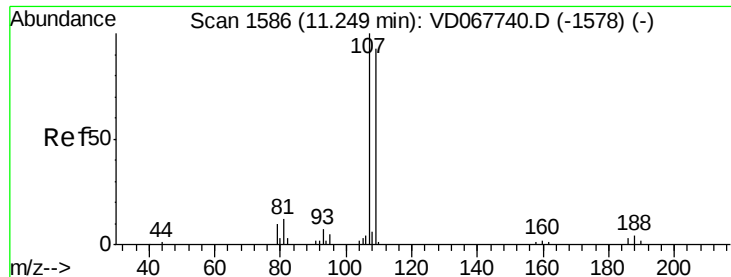
MMDadoda
12/1/2020 12:43:45 PM



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

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





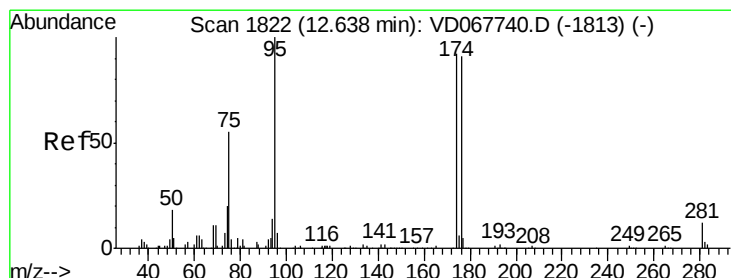
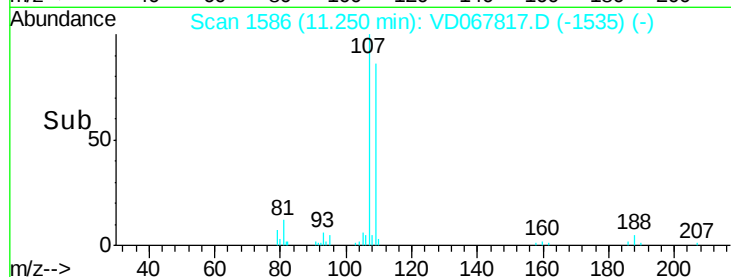
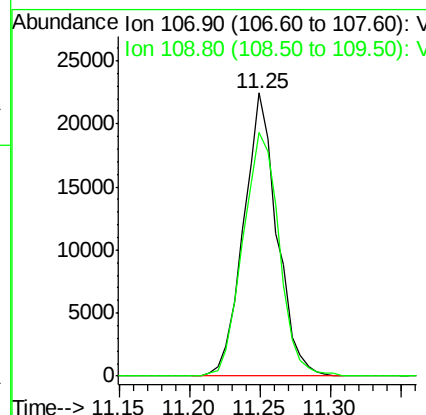
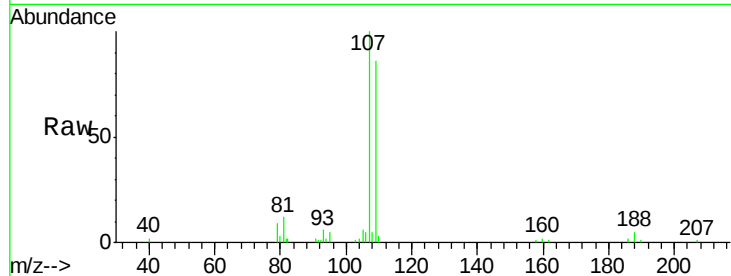
#61
 1,2-Dibromoethane
 Concen: 102.532 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.1	112.7

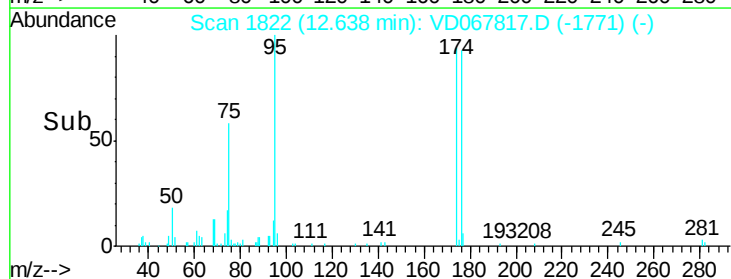
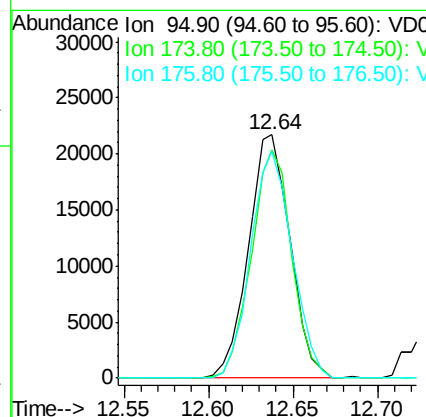
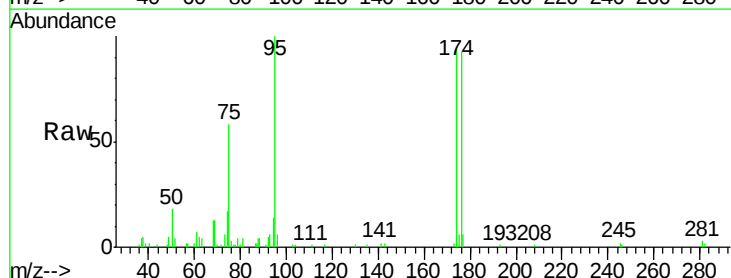
Manual Integrations
 APPROVED

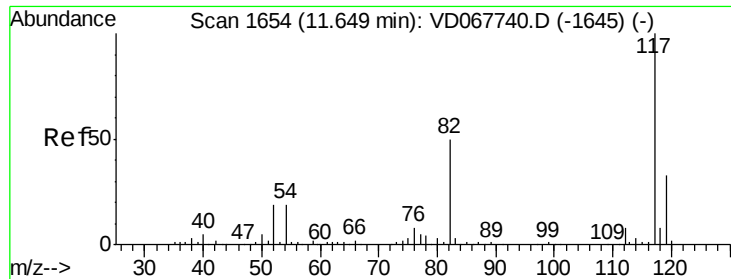
MMDadoda
 12/1/2020 12:43:45 PM



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

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





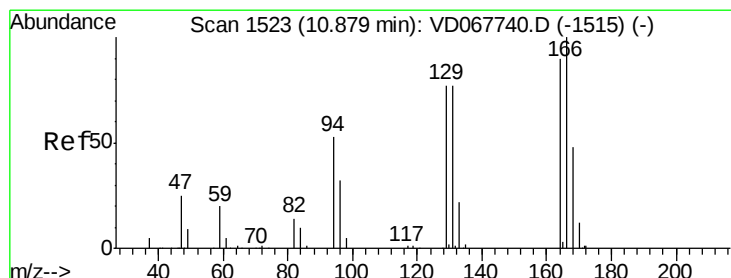
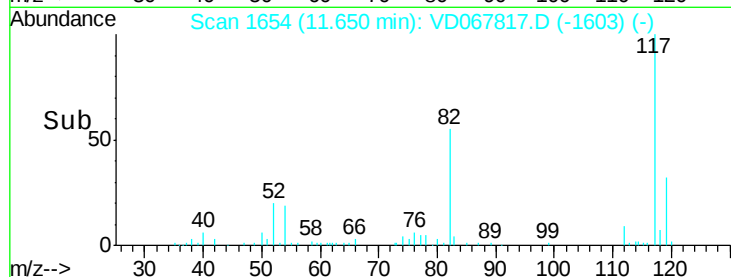
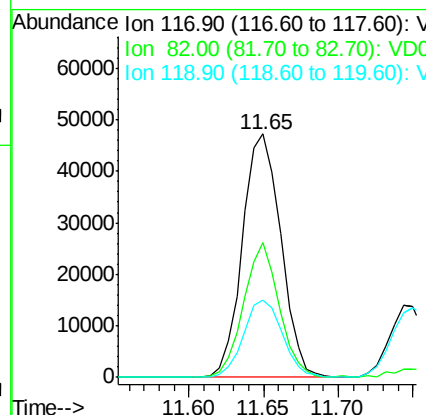
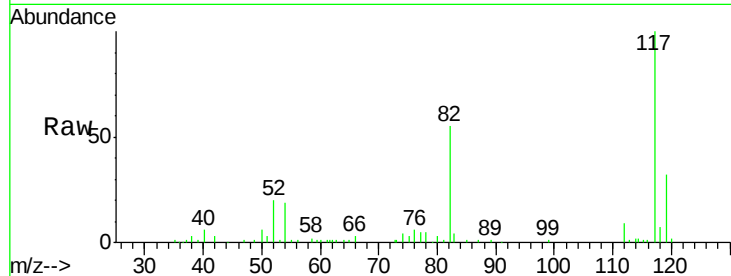
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

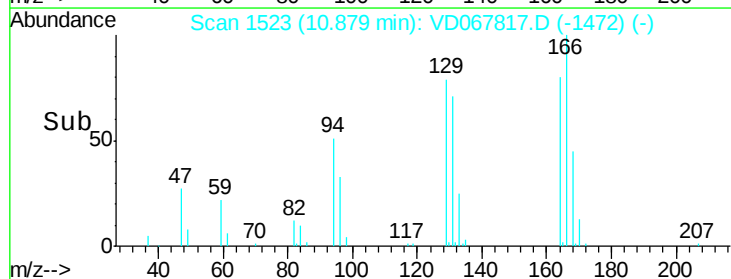
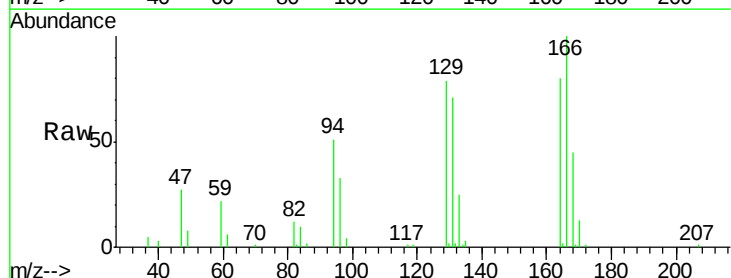
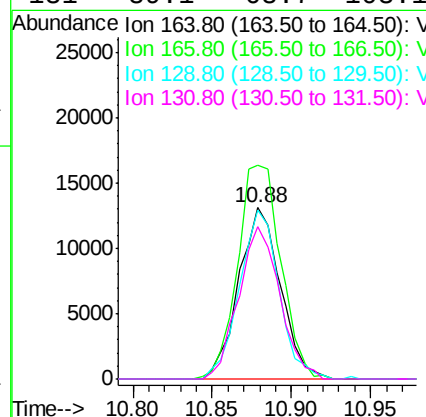
Manual Integrations
APPROVED

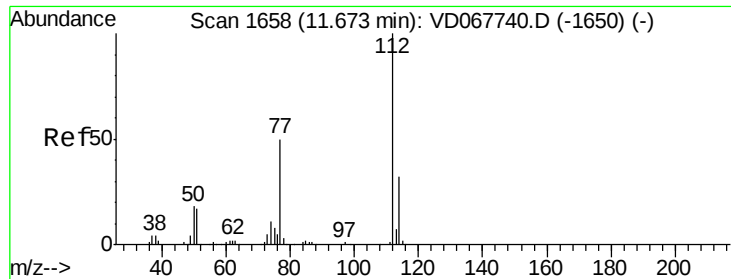
MMDadoda
12/1/2020 12:43:45 PM



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

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





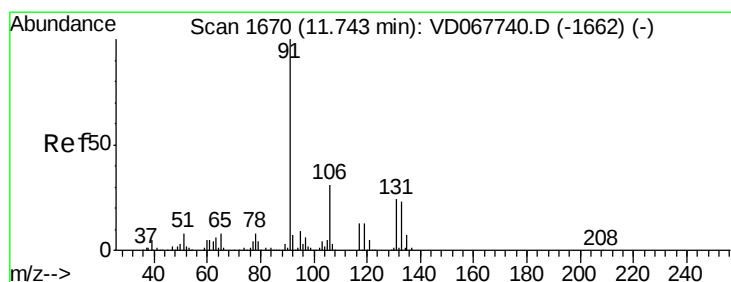
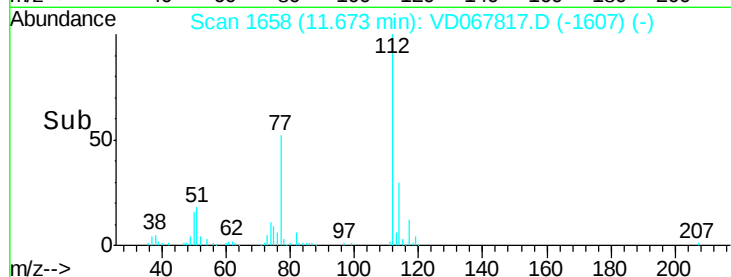
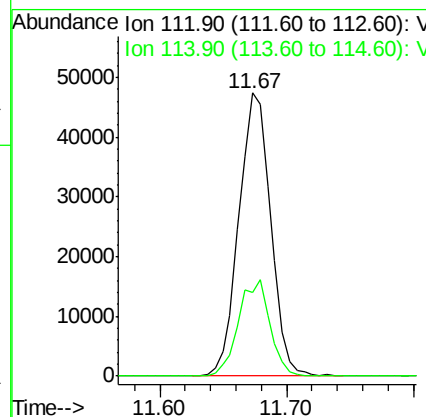
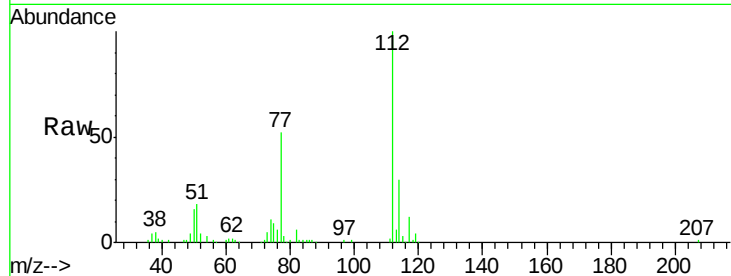
#65
Chlorobenzene
Concen: 49.646 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.6	25.8	38.8

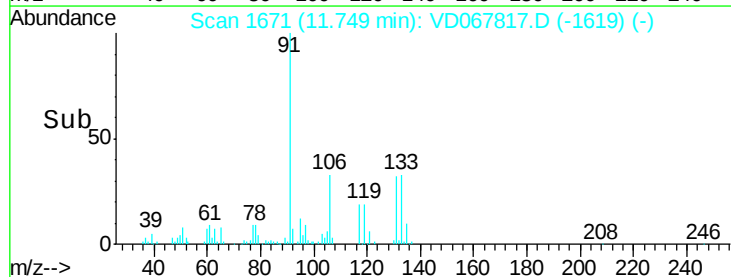
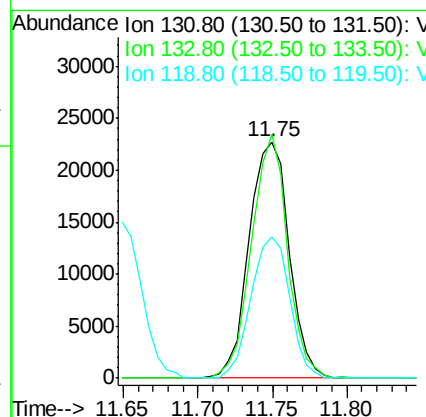
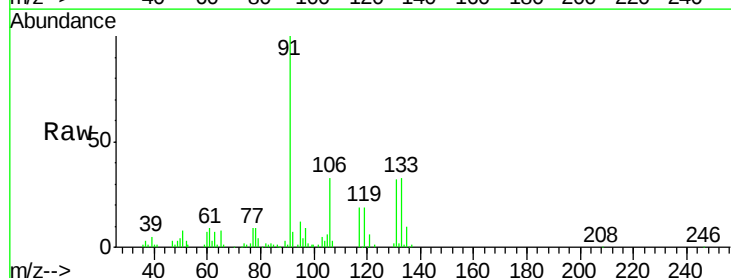
Manual Integrations
APPROVED

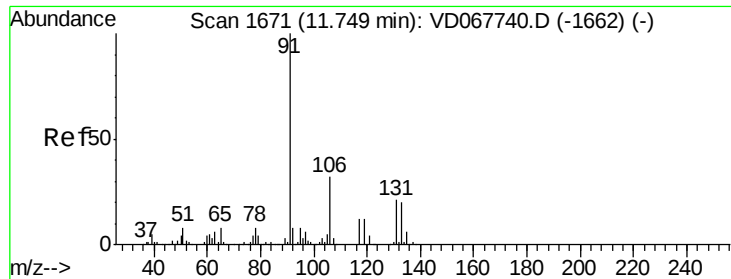
MMDadoda
12/1/2020 12:43:45 PM



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

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





#67

Ethyl Benzene

Concen: 40.000 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 91 Resp: 114476

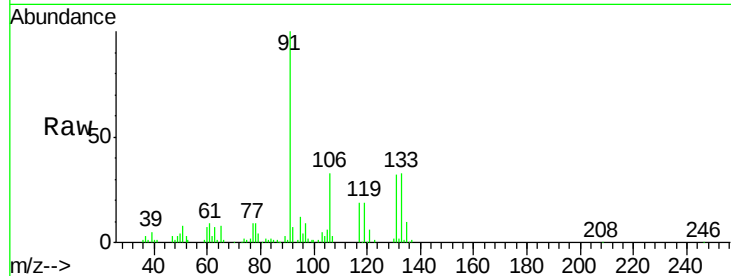
Ion Ratio Lower Upper

91 100

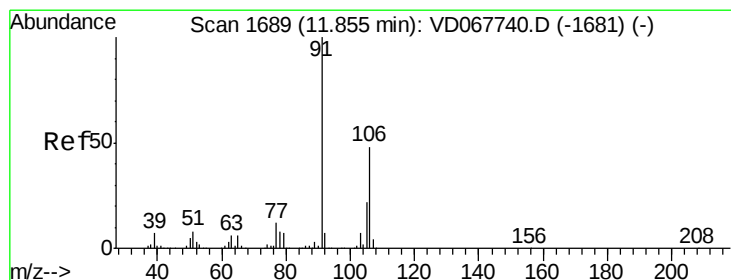
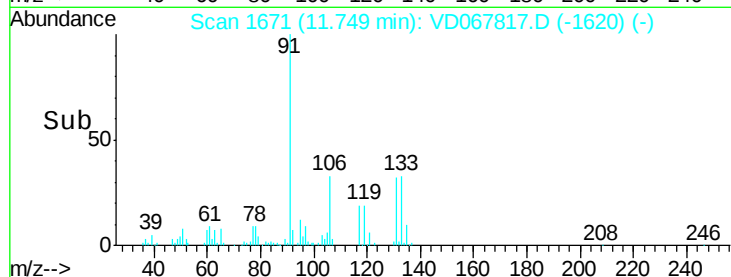
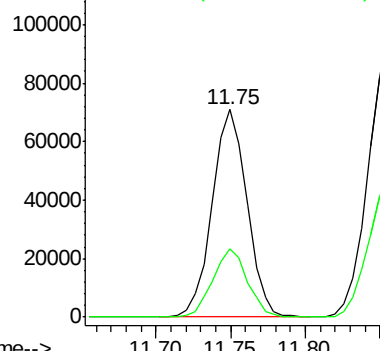
106 33.2 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



Abundance Ion 91.00 (90.70 to 91.70): VD067740.D (-1662) (-)



#68

m/p-Xylenes

Concen: 86.389 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067817.D

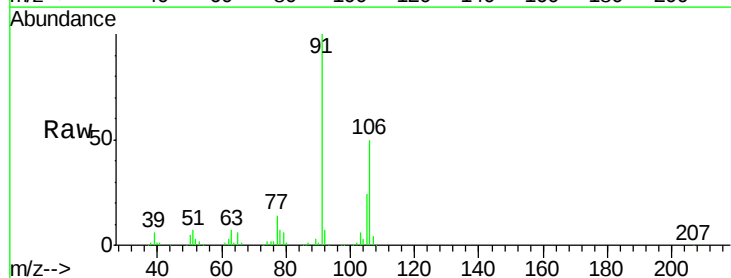
Acq: 30 Nov 2020 16:33

Tgt Ion: 106 Resp: 96211

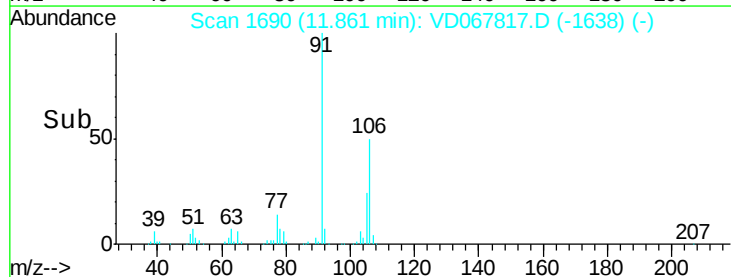
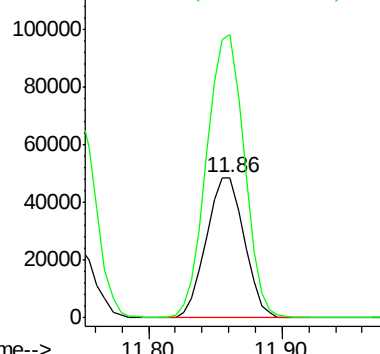
Ion Ratio Lower Upper

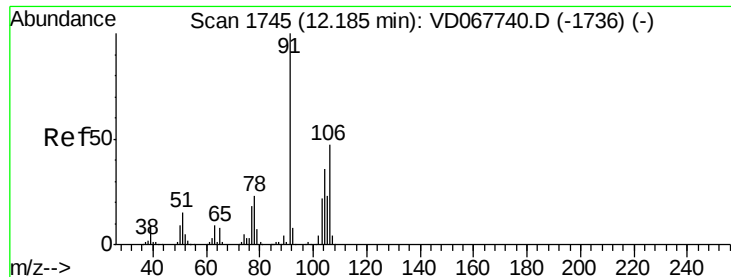
106 100

91 200.6 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VD067740.D (-1681) (-)





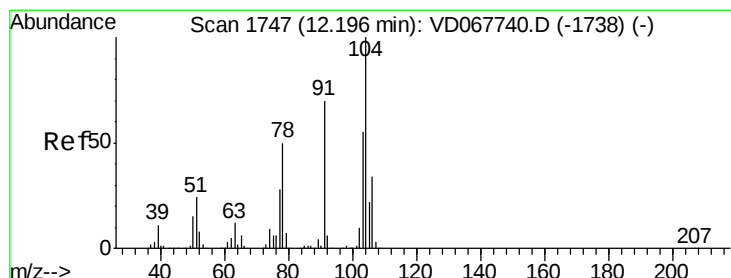
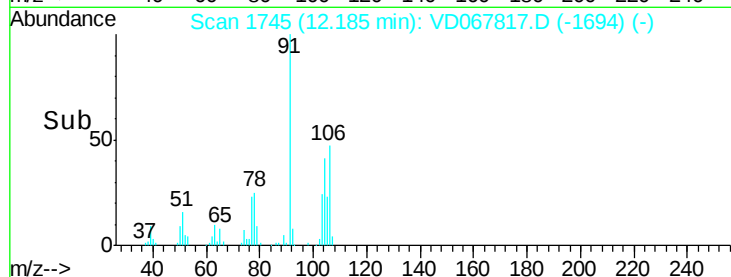
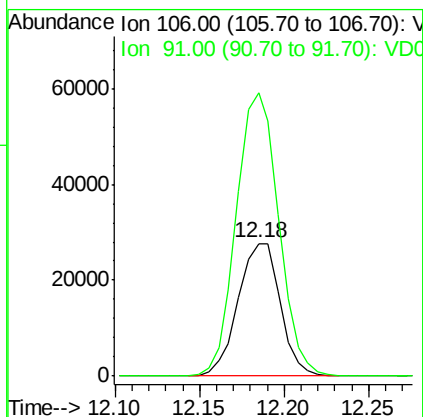
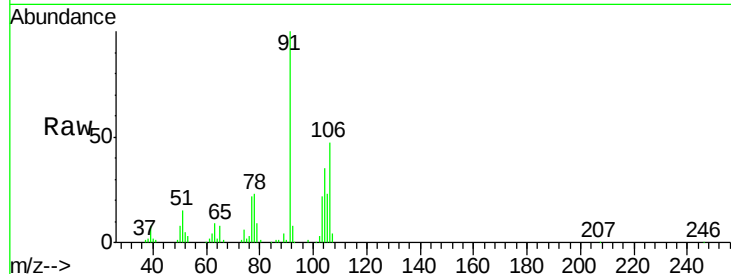
#69
o-Xylene
Concen: 47.370 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

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

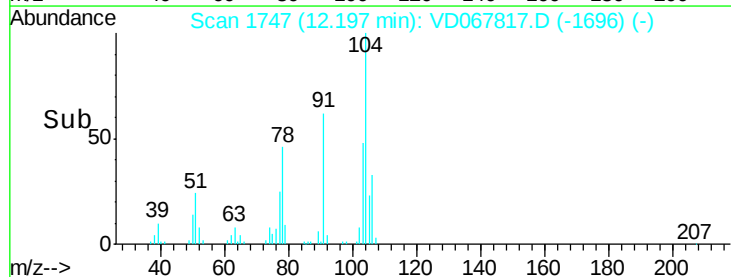
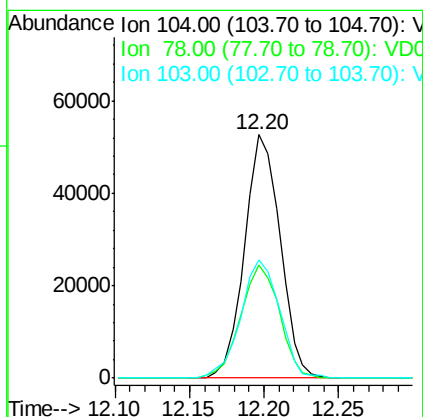
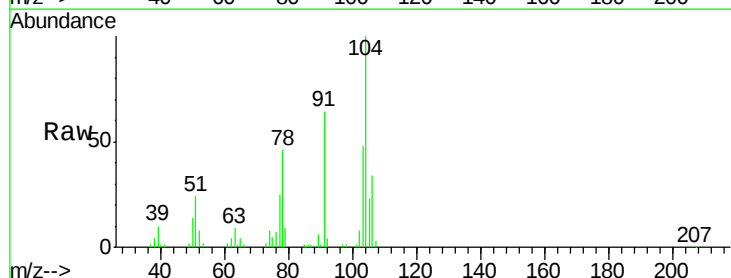
Manual Integrations
APPROVED

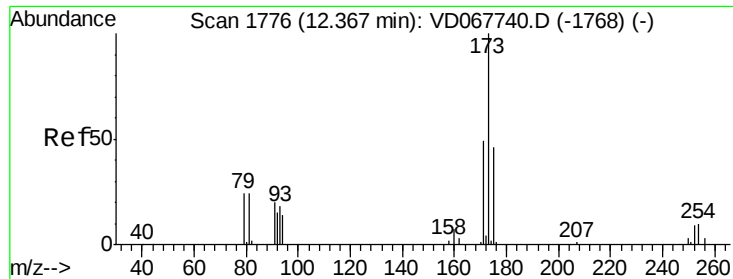
MMDadoda
12/1/2020 12:43:45 PM



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

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





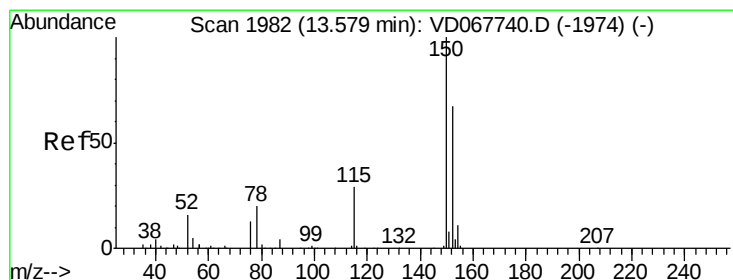
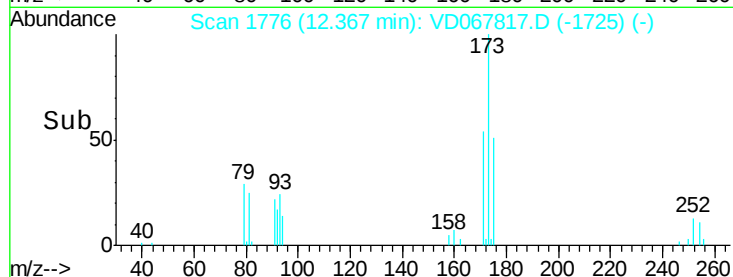
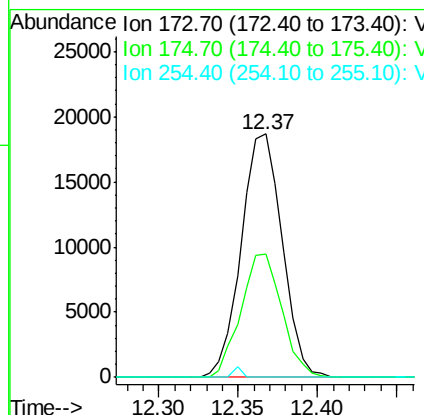
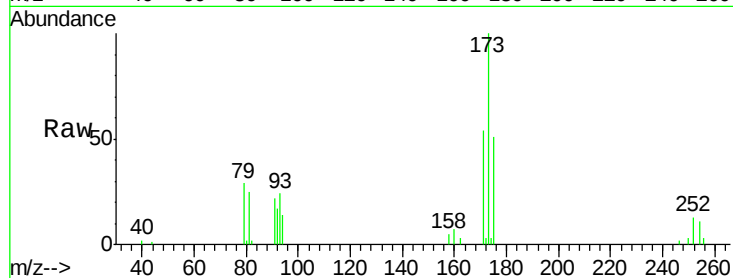
#71
Bromoform
Concen: 92.131 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	23.9	71.7
254	0.9	0.0	0.0#

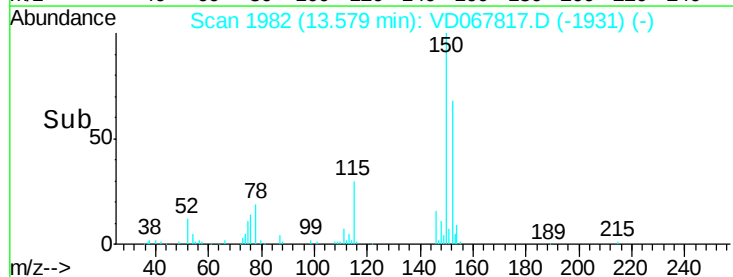
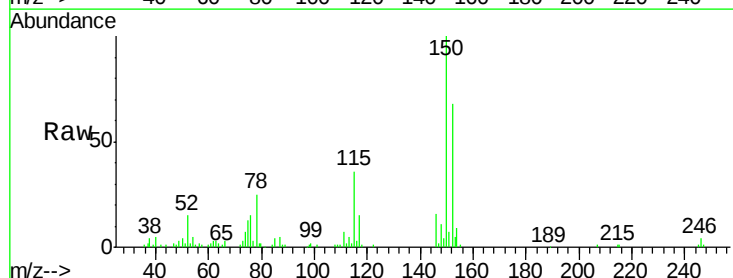
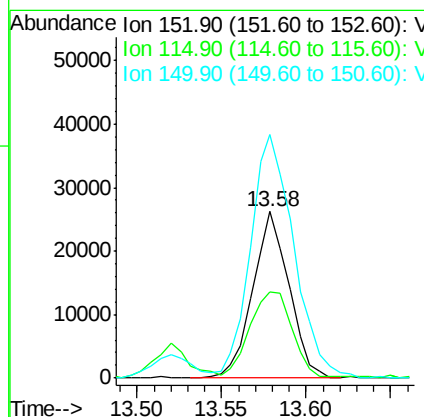
Manual Integrations
APPROVED

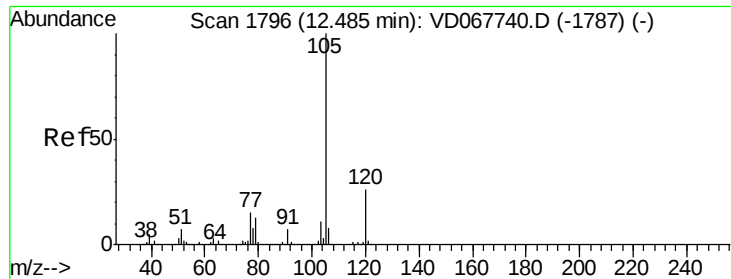
MMDadoda
12/1/2020 12:43:45 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.4	88.3
150	174.8	0.0	340.6





#73

Isopropylbenzene

Concen: 40.944 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 105 Resp: 105635

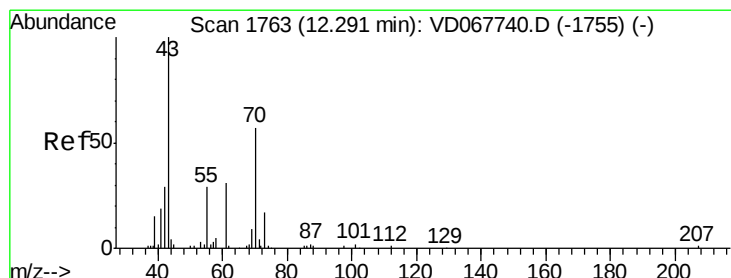
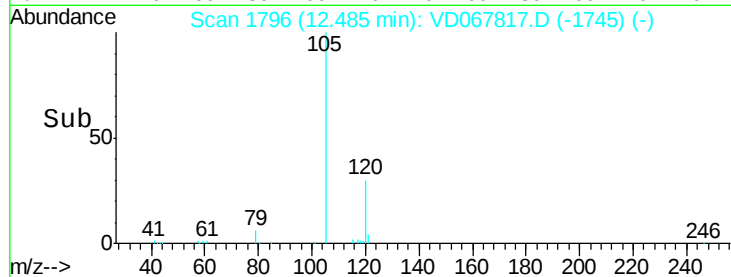
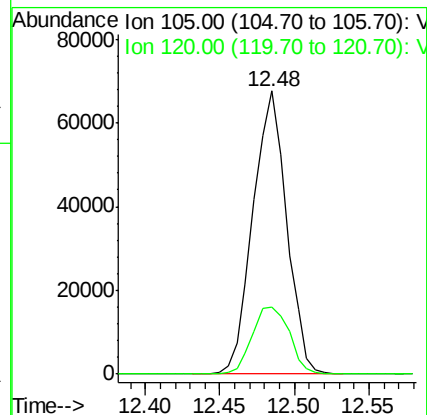
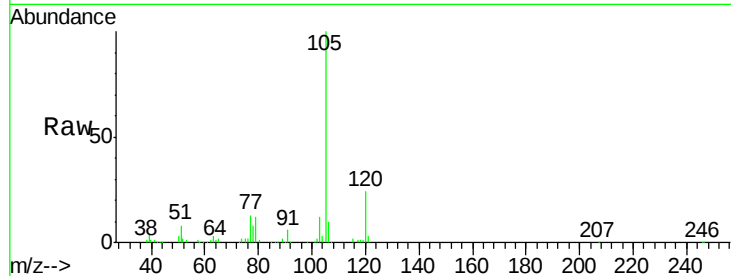
Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#74

N-ethyl acetate

Concen: 50.613 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion: 43 Resp: 17220

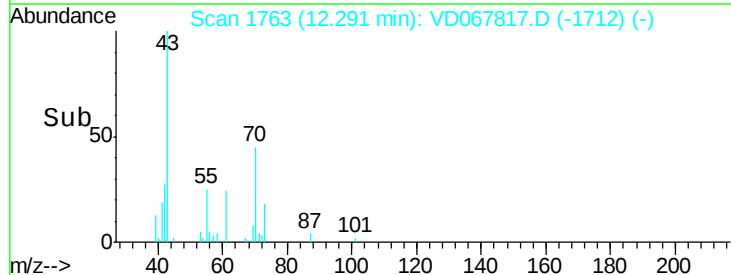
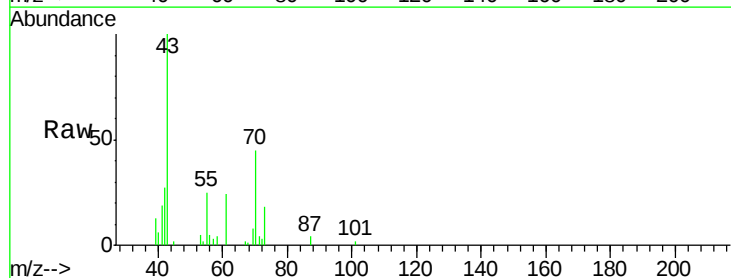
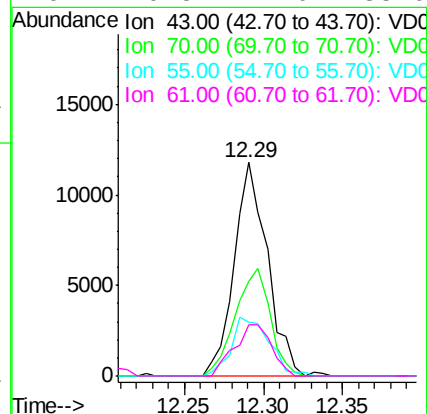
Ion Ratio Lower Upper

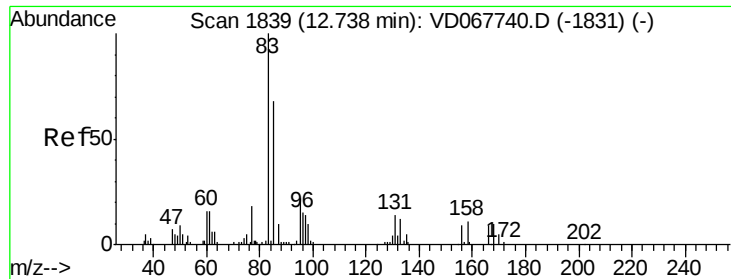
43 100

70 52.6 44.6 66.8

55 31.3 24.2 36.2

61 26.8 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 113.037 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

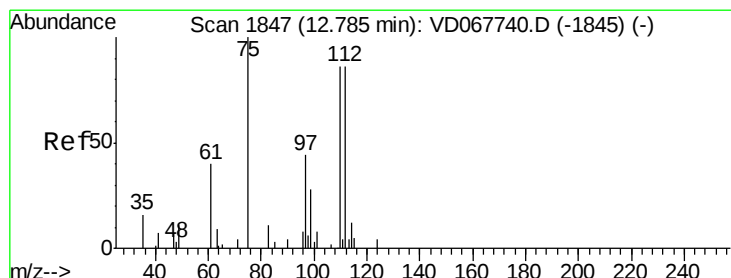
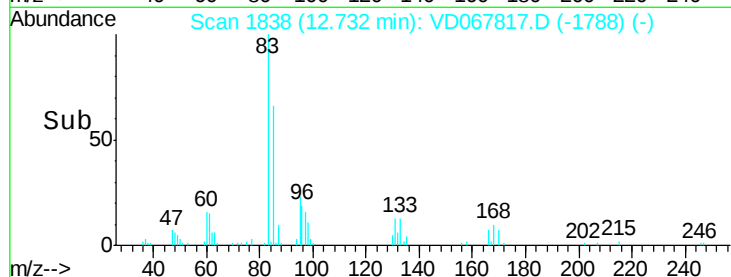
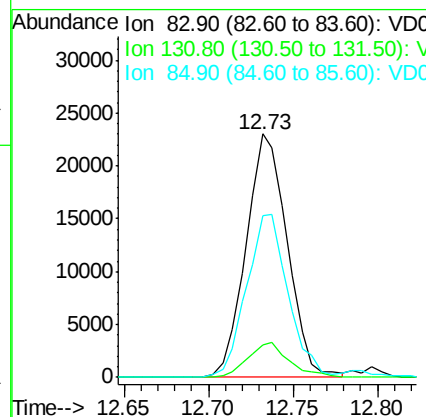
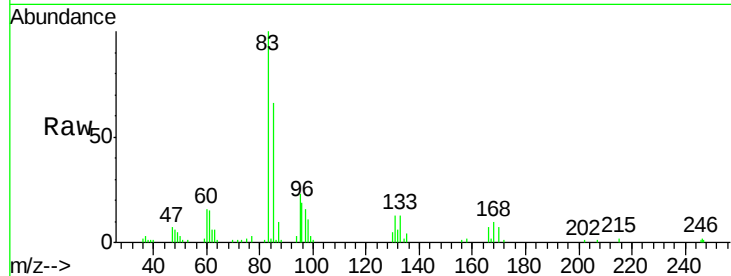
ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion:	83	Resp:	39139
Ion Ratio	Lower	Upper	
83	100		
131	14.3	8.1	24.1
85	67.4	33.9	101.7

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#76

1,2,3-Trichloropropane

Concen: 120.001 ug/l m

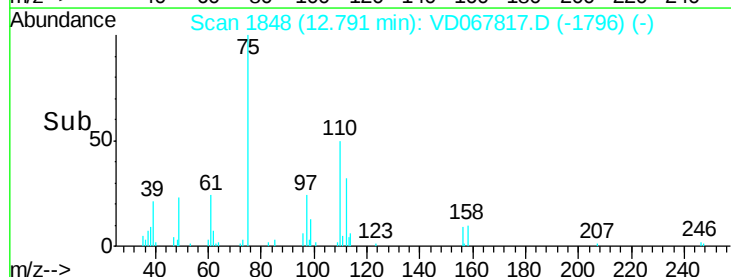
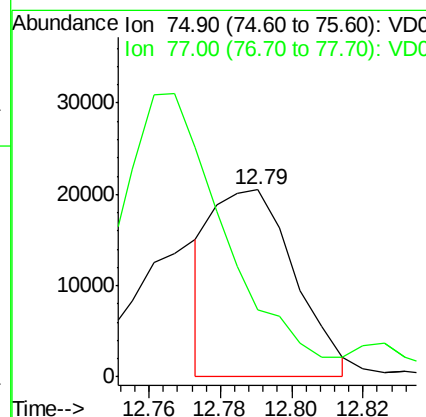
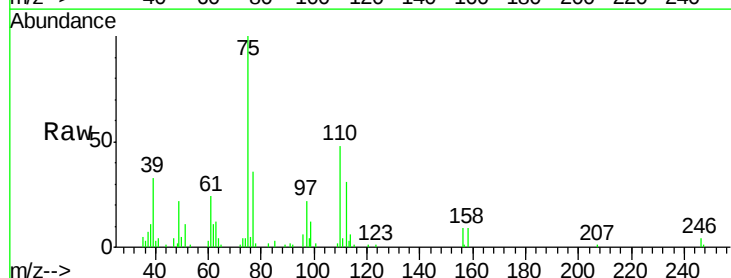
RT: 12.79 min Scan# 1848

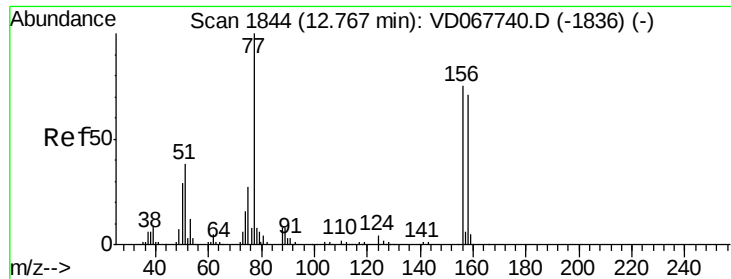
Delta R.T. 0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion:	75	Resp:	32795
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 58.687 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

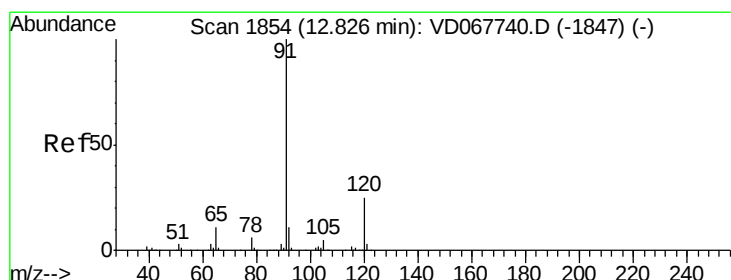
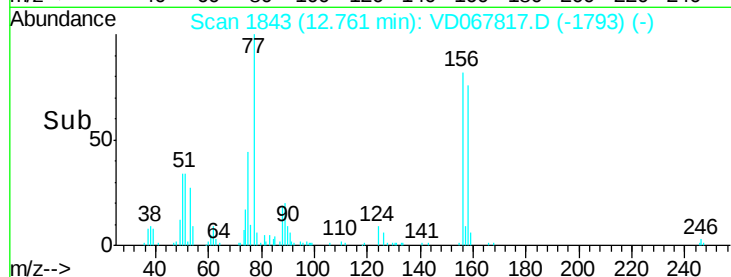
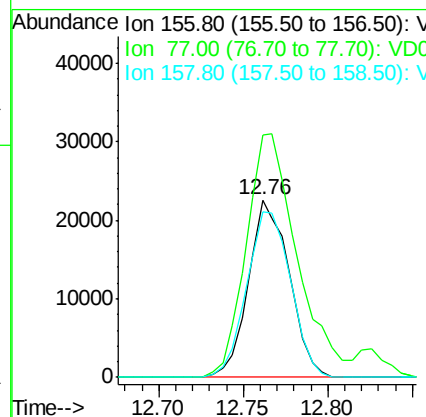
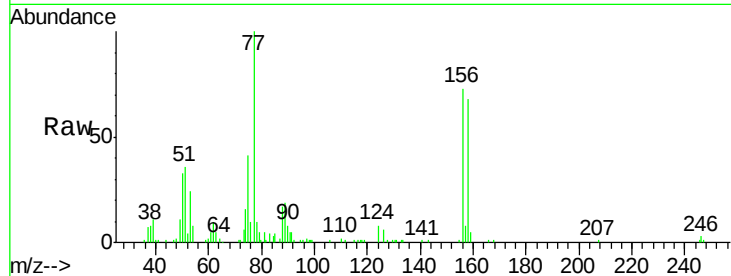
ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.8	73.5	220.3
158	100.6	48.1	144.4

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#78

n-propylbenzene

Concen: 38.165 ug/l

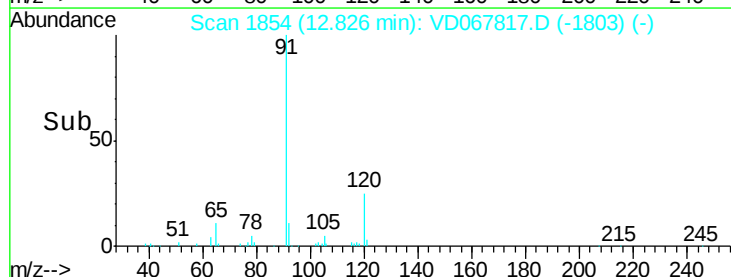
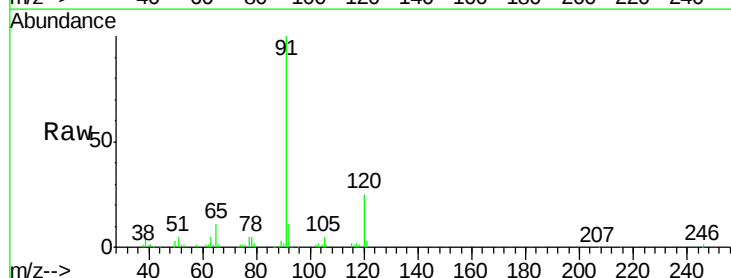
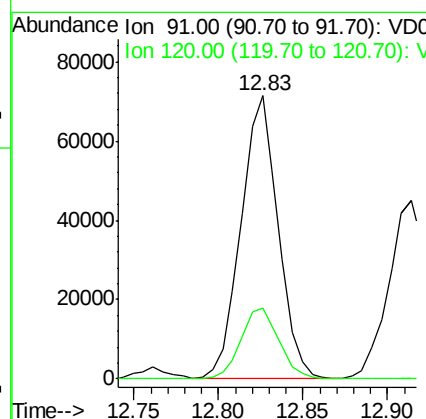
RT: 12.83 min Scan# 1854

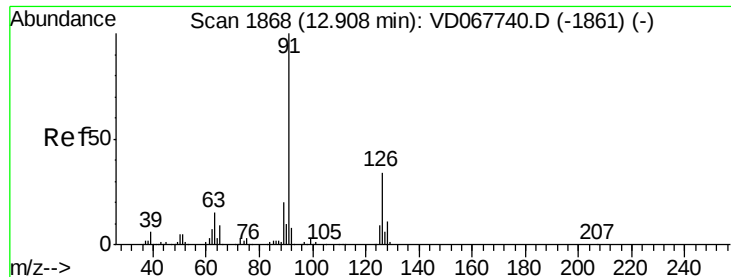
Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.4	12.4	37.4





#79

2-Chlorotoluene

Concen: 43.646 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion: 91 Resp: 74173

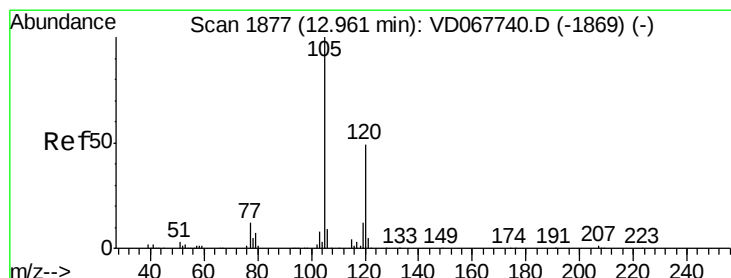
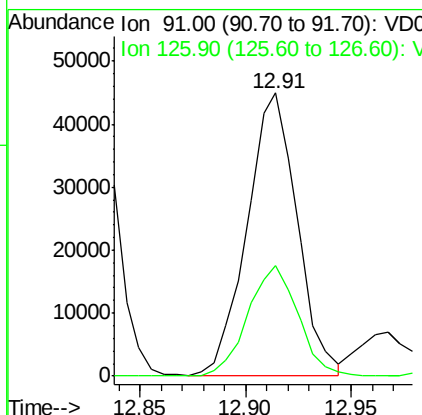
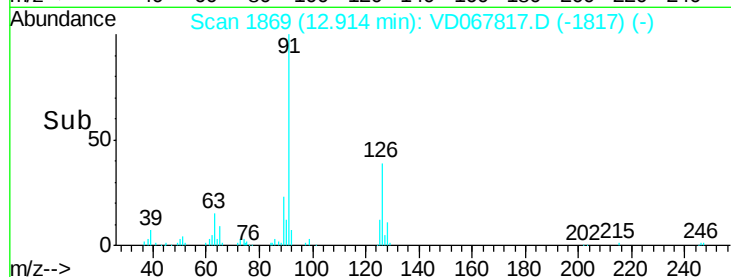
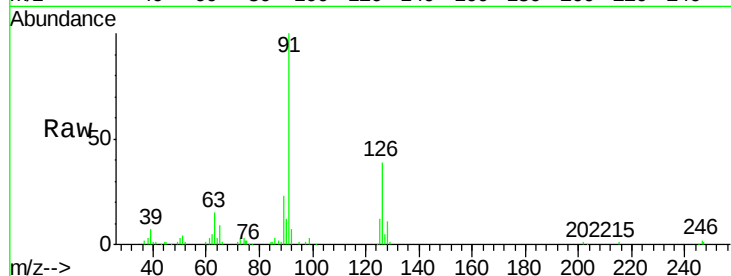
Ion Ratio Lower Upper

91 100

126 38.8 17.9 53.7

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#80

1,3,5-Trimethylbenzene

Concen: 41.918 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067817.D

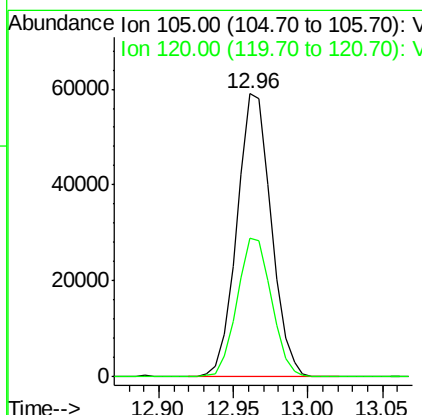
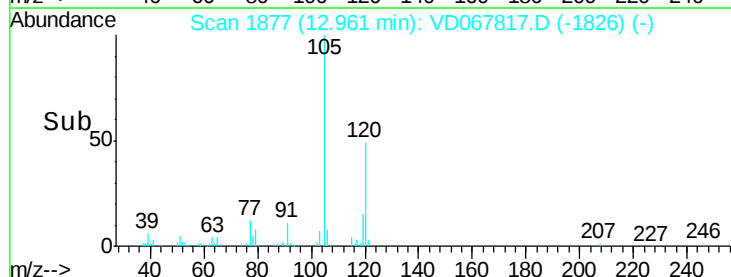
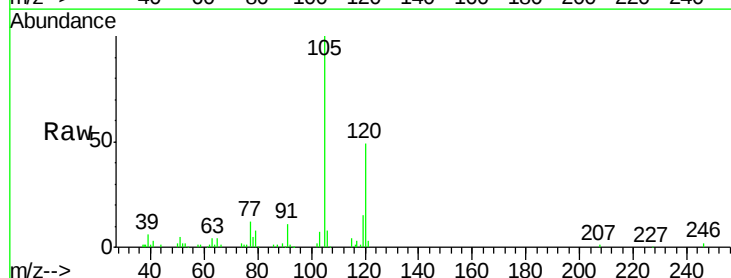
Acq: 30 Nov 2020 16:33

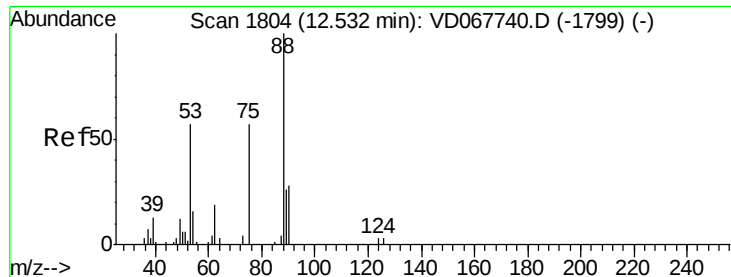
Tgt Ion: 105 Resp: 94064

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7





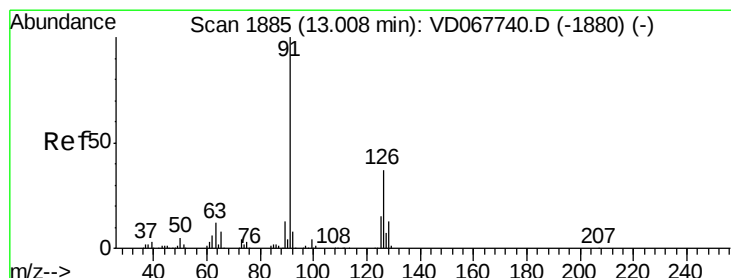
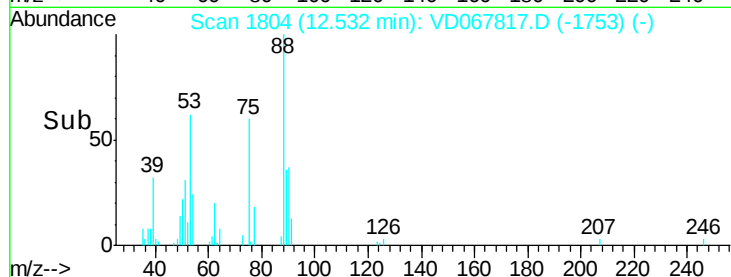
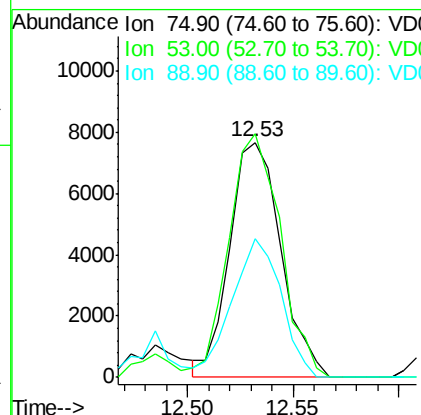
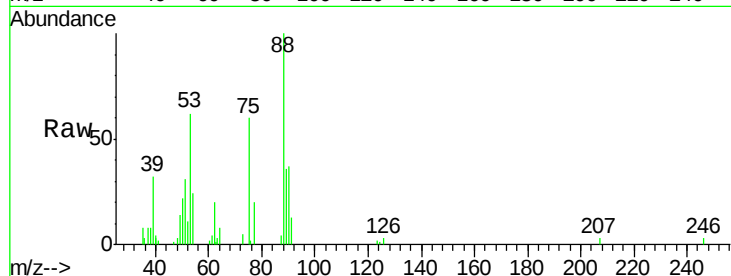
#81
trans-1,4-Dichloro-2-butene
Concen: 110.489 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.9	76.0	114.0
89	56.7	40.2	60.4

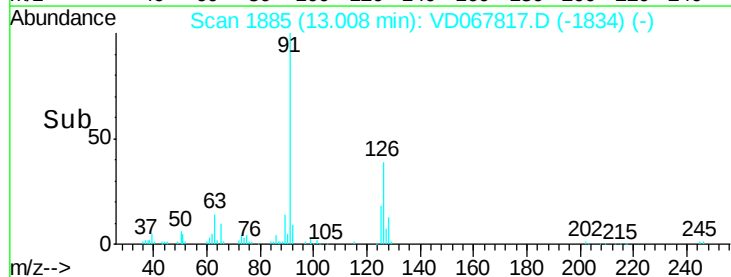
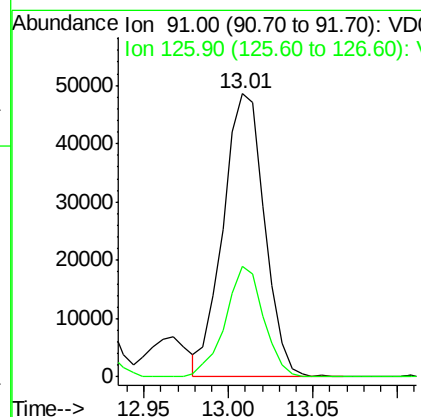
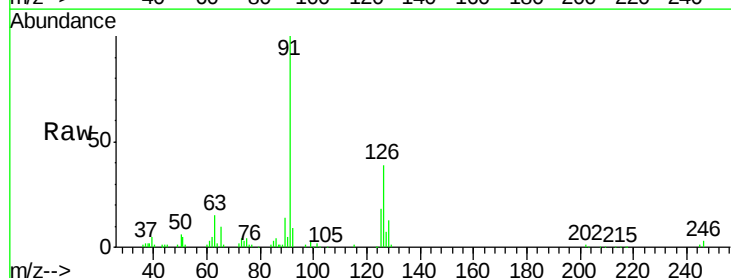
Manual Integrations
APPROVED

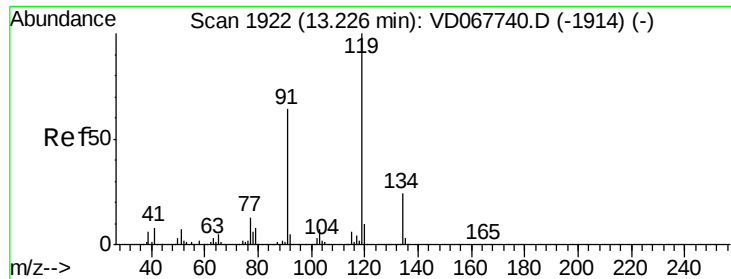
MMDadoda
12/1/2020 12:43:45 PM



#82
4-Chlorotoluene
Concen: 45.895 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.7	53.1





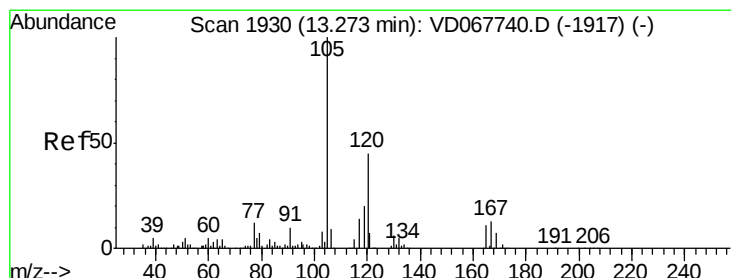
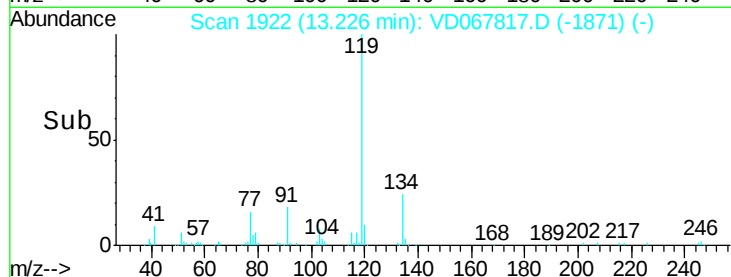
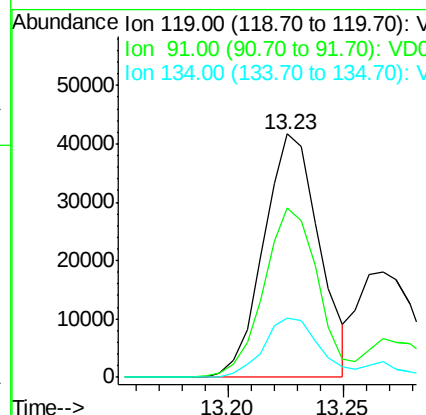
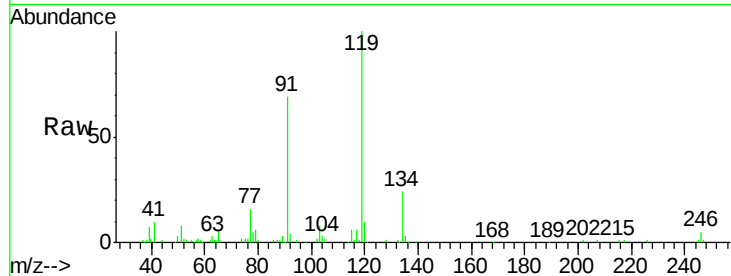
#83
tert-Butylbenzene
Concen: 36.175 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	32.9	98.7
134	24.6	12.9	38.6

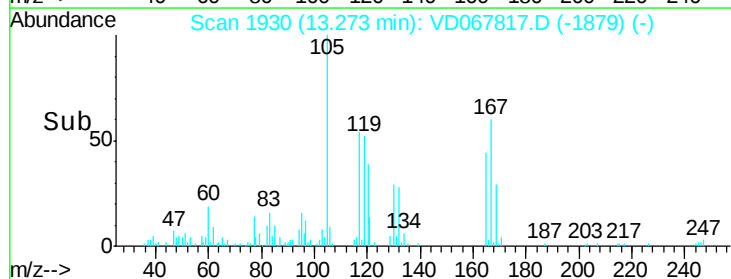
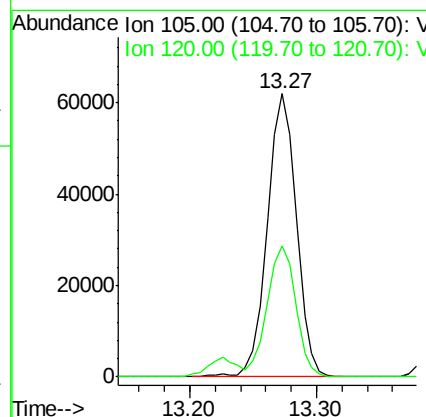
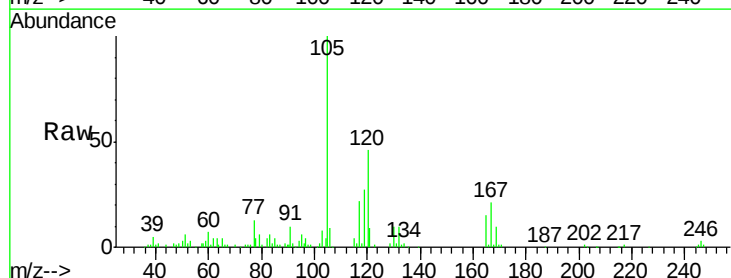
Manual Integrations
APPROVED

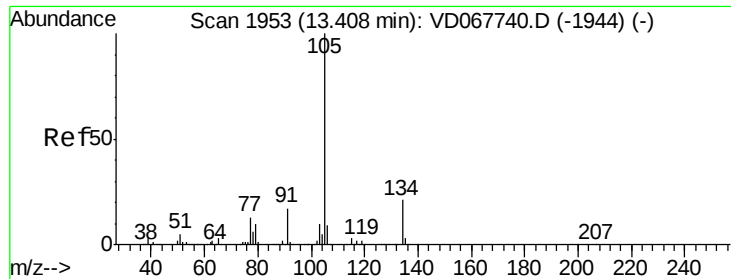
MMDadoda
12/1/2020 12:43:45 PM



#84
1,2,4-Trimethylbenzene
Concen: 44.212 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.6	67.7





#85

sec-Butylbenzene

Concen: 30.529 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

KENS-B4-112320-0-2MS

Tot Ion:105 Resp: 77337

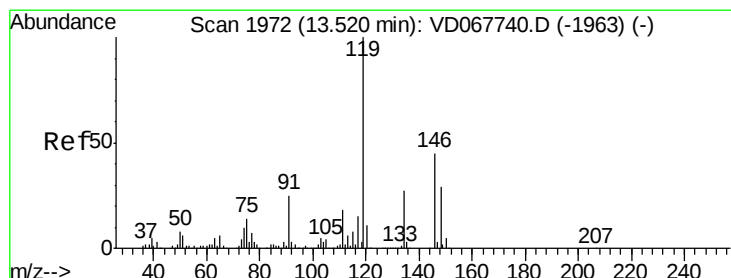
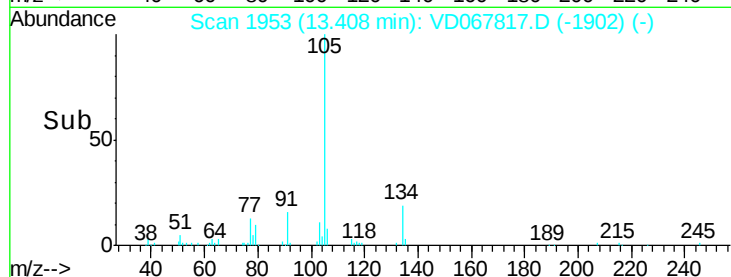
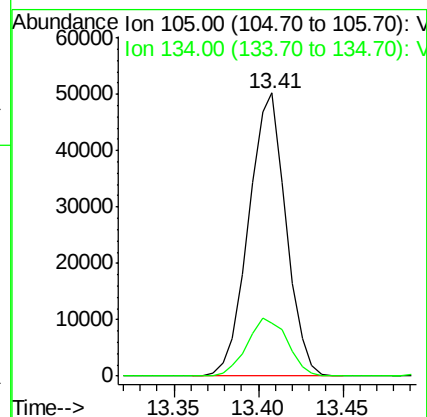
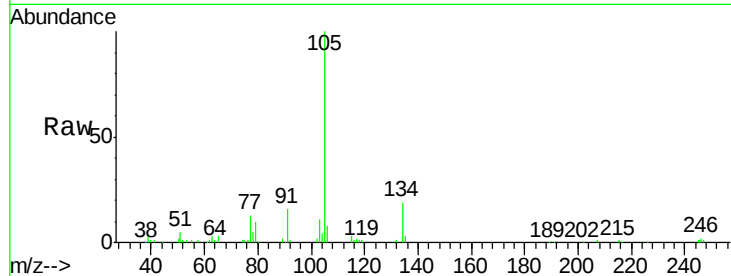
Ion Ratio Lower Upper

105 100

134 22.3 10.7 32.1

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#86

p-Isopropyltoluene

Concen: 31.670 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

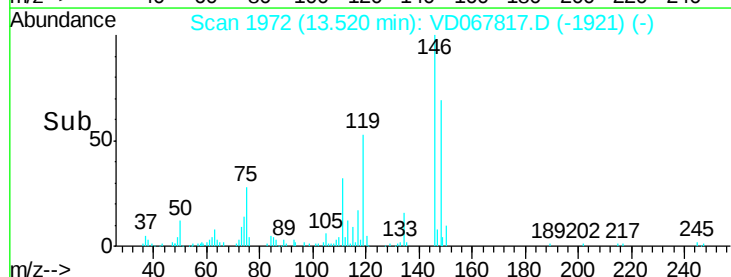
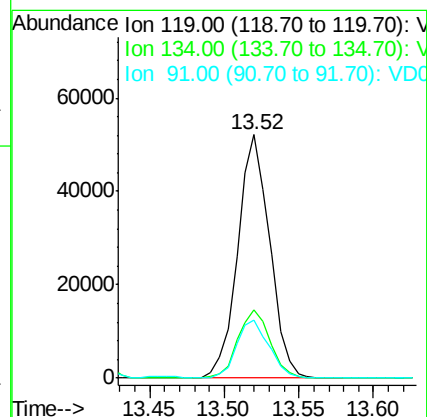
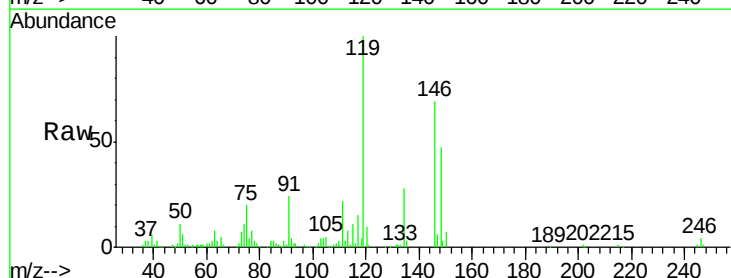
Tgt Ion:119 Resp: 77705

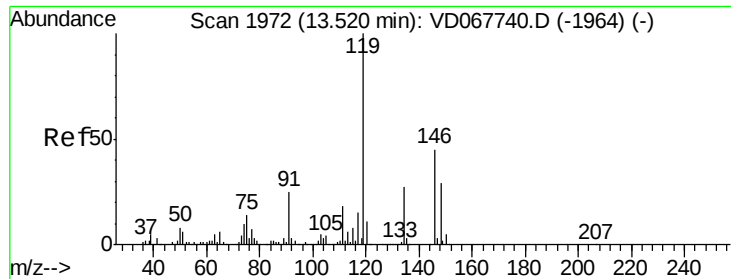
Ion Ratio Lower Upper

119 100

134 28.1 13.0 38.9

91 24.3 12.7 38.1





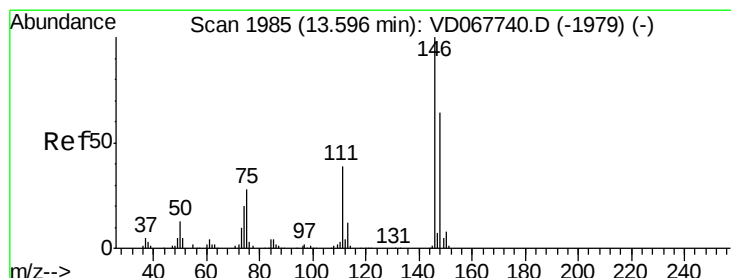
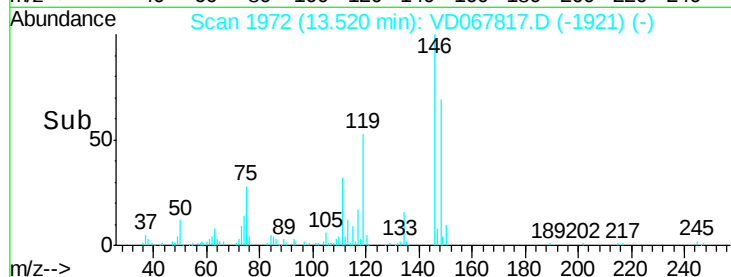
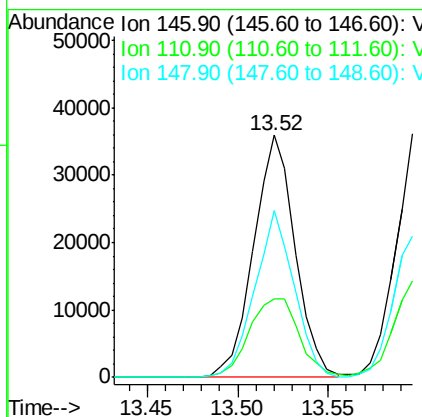
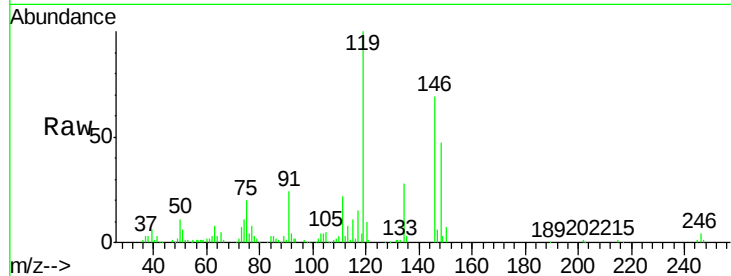
#87
 1,3-Dichlorobenzene
 Concen: 45.603 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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

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

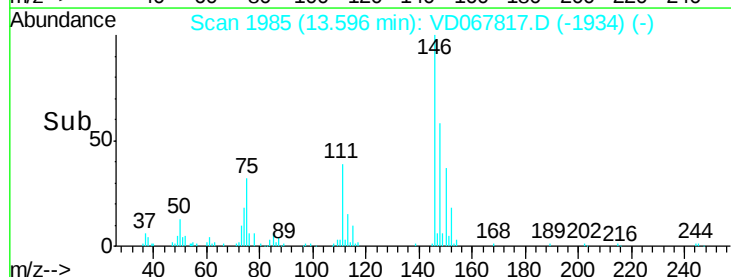
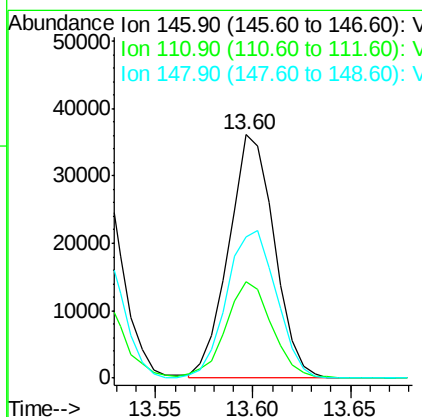
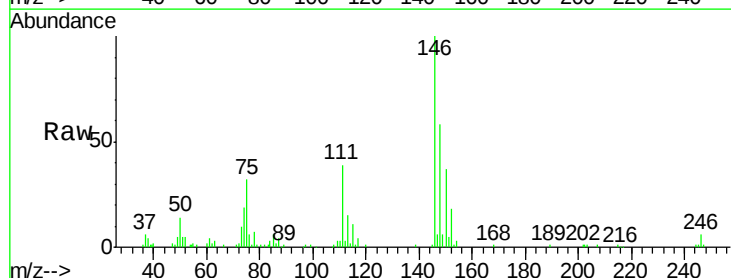
Manual Integrations
 APPROVED

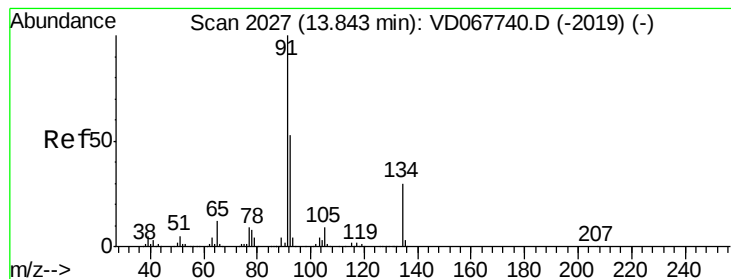
MMDadoda
 12/1/2020 12:43:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.366 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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





#89

n-Butylbenzene

Concen: 24.439 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.01 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

Instrument :

MSVOA_D

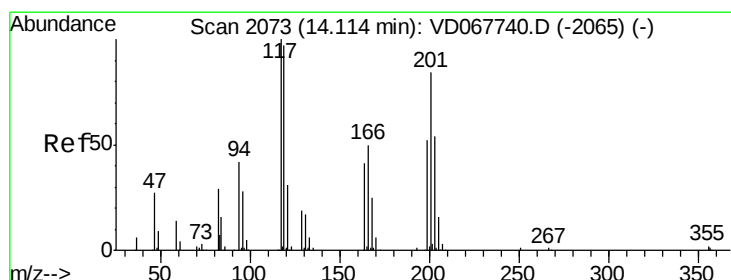
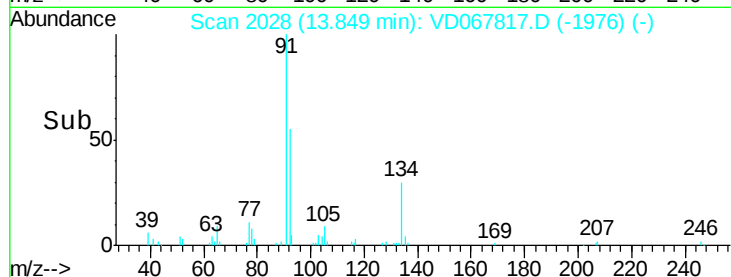
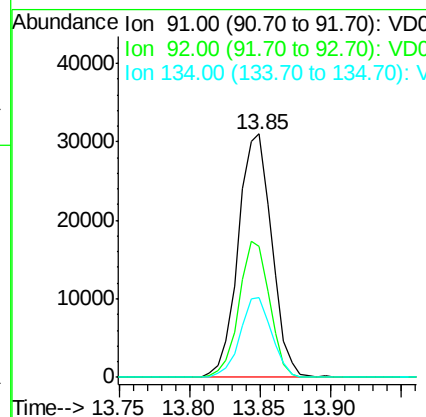
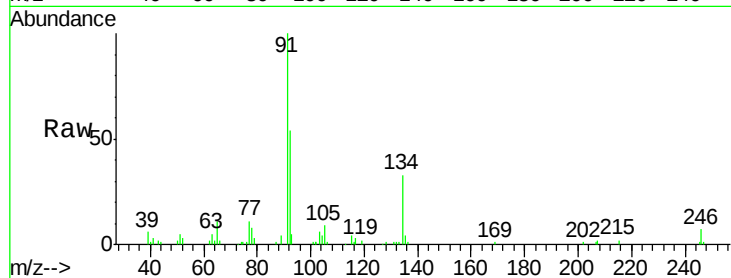
ClientSampleId :

KENS-B4-112320-0-2MS

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

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#90

Hexachloroethane

Concen: 34.711 ug/l

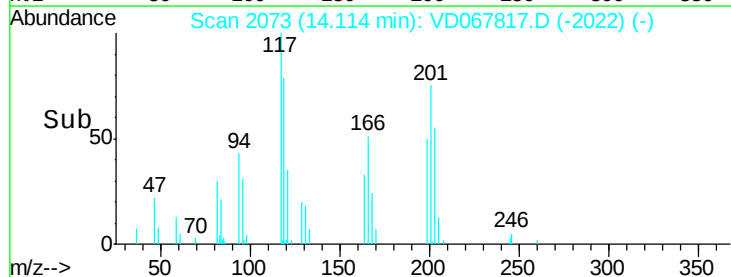
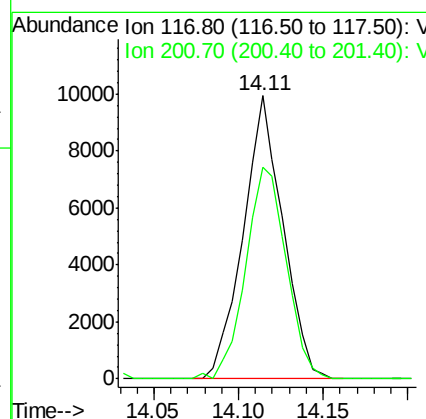
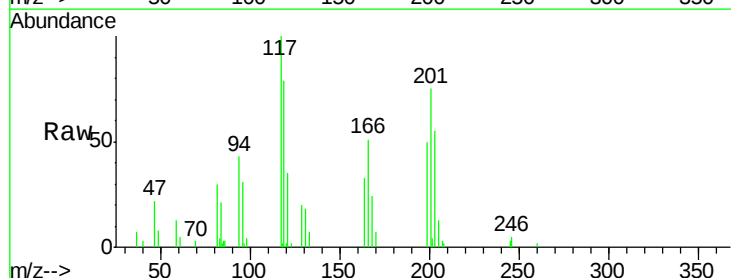
RT: 14.11 min Scan# 2073

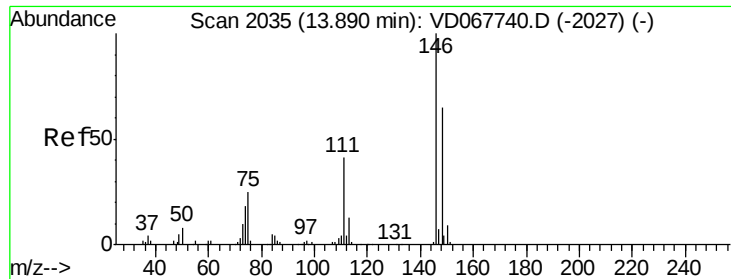
Delta R.T. 0.00 min

Lab File: VD067817.D

Acq: 30 Nov 2020 16:33

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





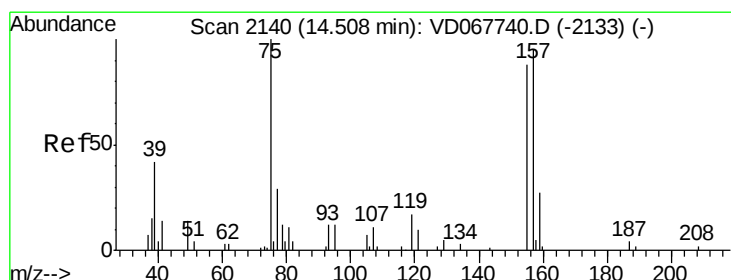
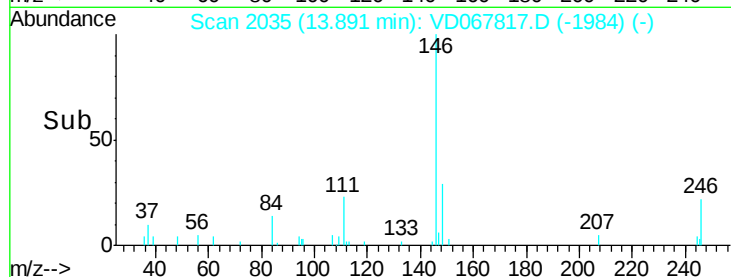
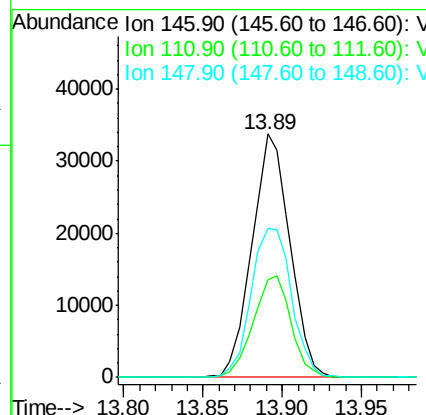
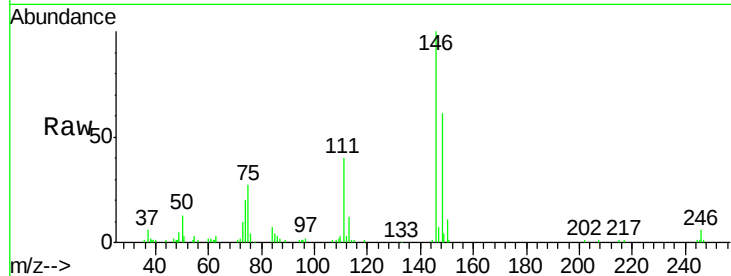
#91
 1,2-Dichlorobenzene
 Concen: 52.155 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	65.2	32.4	97.2

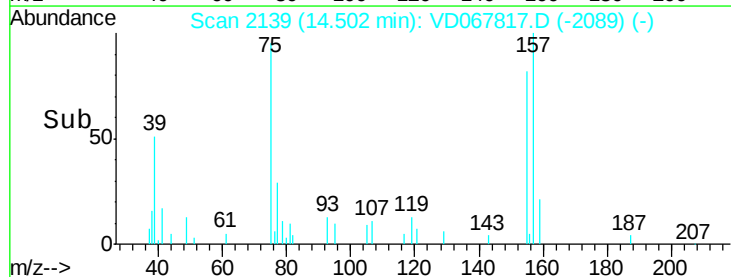
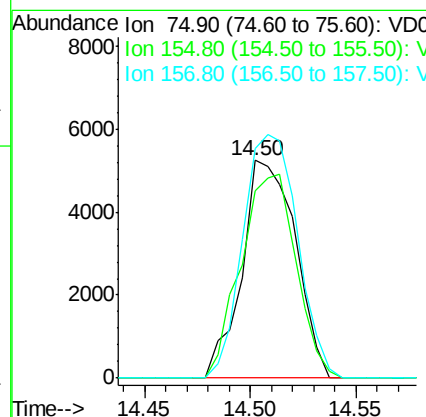
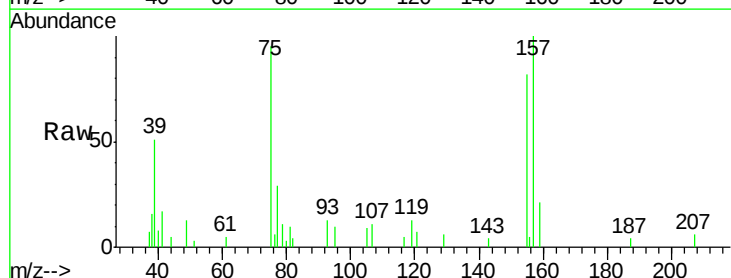
Manual Integrations
 APPROVED

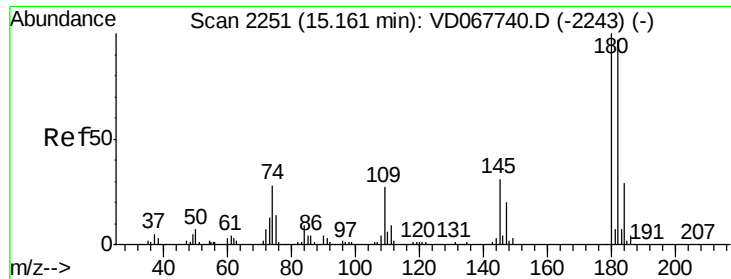
MMDadoda
 12/1/2020 12:43:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 123.618 ug/l
 RT: 14.50 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	41.0	123.0
157	114.0	51.1	153.4





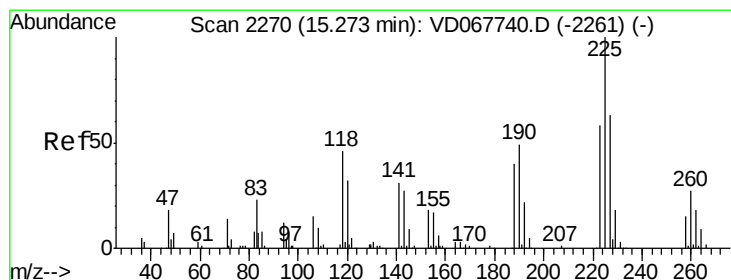
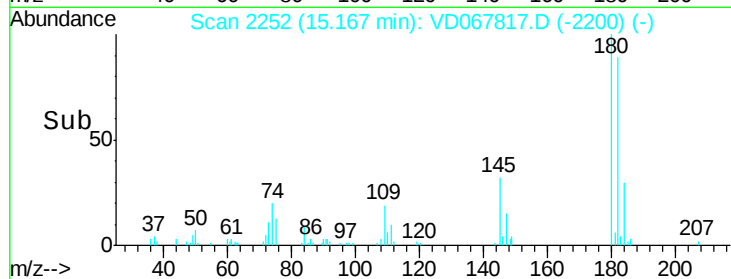
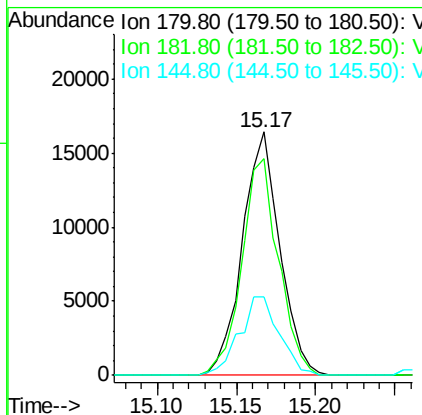
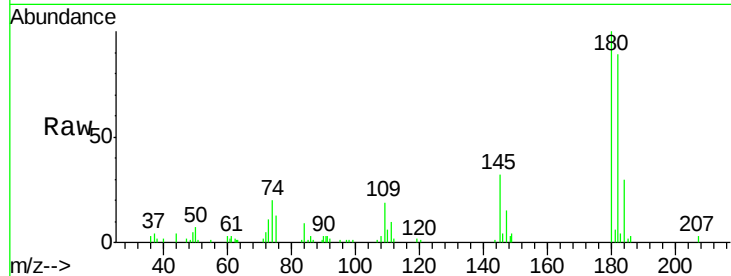
#93
 1,2,4-Trichlorobenzene
 Concen: 35.411 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067817.D
 Acq: 30 Nov 2020 16:33

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

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

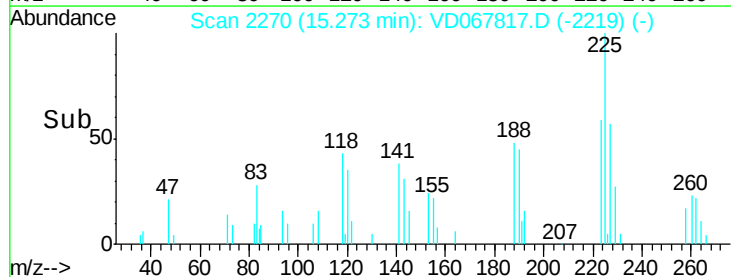
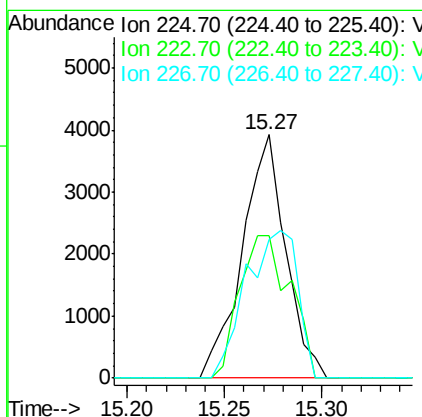
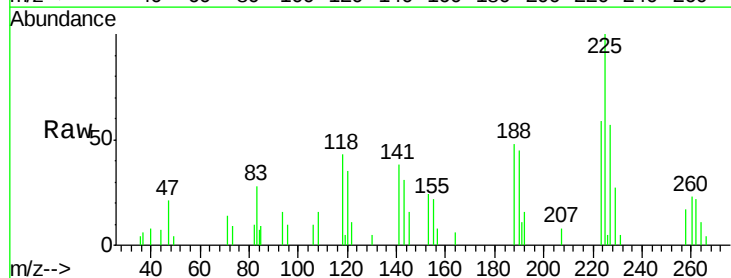
Manual Integrations
 APPROVED

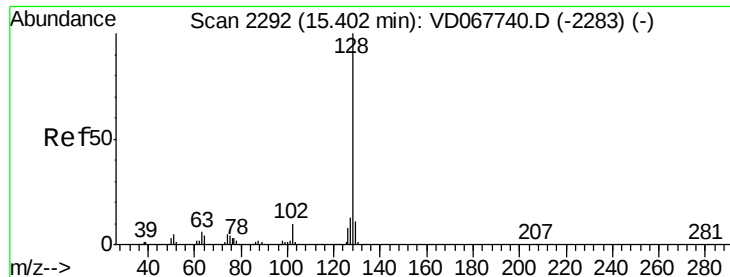
MMDadoda
 12/1/2020 12:43:45 PM



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

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





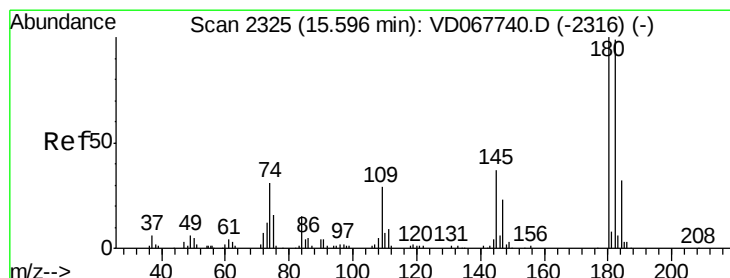
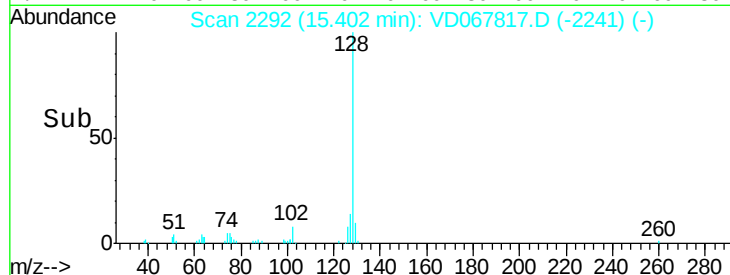
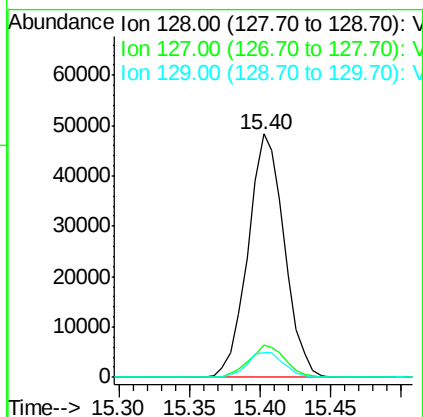
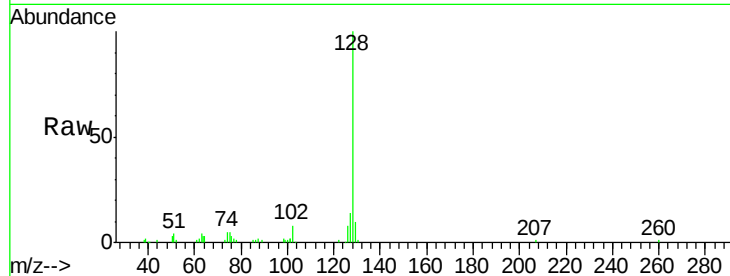
#95
Naphthalene
Concen: 70.655 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.6	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 37.561 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD067817.D
Acq: 30 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	48.0	144.0
145	34.2	16.8	50.4

