

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036816.D
 Acq On : 14 Apr 2021 00:38
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 14 04:43:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1293154	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3386120	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3487440	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1964270	7.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	70.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1845139	8.748 ppbv	99
3) Chlorodifluoromethane	2.98	51	2260034	9.354 ppbv	100
4) Chloromethane	3.13	50	714570	8.373 ppbv	97
5) Vinyl Chloride	3.25	62	746456	8.507 ppbv	100
6) Bromomethane	3.47	94	403796	8.358 ppbv	99
7) Chloroethane	3.55	64	254366	8.436 ppbv	91
8) Dichlorotetrafluoroethane	3.18	85	1769432	8.790 ppbv	97
9) Propene	3.01	41	707451	9.185 ppbv	96
10) Heptane	8.12	43	1785488	9.099 ppbv	99
11) Trichlorofluoromethane	3.94	101	1826876	8.499 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1213957	8.833 ppbv	100
13) Ethanol	3.61	45	65283	7.117 ppbv	89
14) Bromoethene	3.73	108	509732	8.922 ppbv	99
15) Acetone	3.85	43	922399	7.247 ppbv	98
16) 1,3-Butadiene	3.32	39	792022	8.938 ppbv	98
17) tert-Butyl alcohol	4.29	59	1163550	10.502 ppbv	99
18) 1,1-Dichloroethene	4.28	96	535871	8.766 ppbv	96
19) Isopropyl Alcohol	3.97	45	642815	9.181 ppbv #	94
20) Methylene Chloride	4.34	84	457756	7.682 ppbv	96
21) Allyl Chloride	4.41	41	844225	8.321 ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	477012	8.417 ppbv	89
23) Vinyl Acetate	5.07	43	1932237	8.875 ppbv	100
24) 1,1-Dichloroethane	5.01	63	1385024	8.728 ppbv	99
25) Ethyl Acetate	5.68	43	2662909	8.800 ppbv	99
26) Hexane	5.68	57	1255138	8.938 ppbv	99
27) Carbon Disulfide	4.55	76	1303566	9.424 ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1498055	9.046 ppbv	99
29) Chloroform	5.75	83	1984662	8.838 ppbv	100
30) Cyclohexane	7.12	84	1074641	9.436 ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1240143	9.131 ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	2016852	8.911 ppbv	99
34) 2-Butanone	5.25	43	1290358	7.807 ppbv	99
35) Carbon Tetrachloride	7.01	117	2084514	8.015 ppbv	97
36) Benzene	6.89	78	2639700	8.453 ppbv	97
37) 1,2-Dichloroethane	6.30	62	1511382	8.223 ppbv	99
38) Trichloroethene	7.83	130	988539	8.134 ppbv	97
39) 1,2-Dichloropropane	7.61	63	1036888	8.185 ppbv	98
40) 1,4-Dioxane	7.83	88	107376	3.642 ppbv #	1
41) Tetrahydrofuran	6.05	42	584948	7.675 ppbv	96
42) Bromodichloromethane	7.79	83	2146018	8.584 ppbv	99
43) Methyl Methacrylate	8.01	69	983934	9.383 ppbv	98

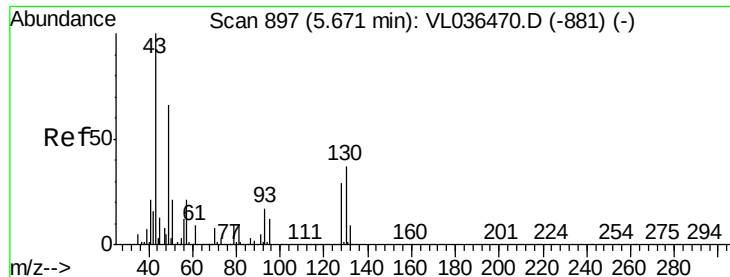
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036816.D
 Acq On : 14 Apr 2021 00:38
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
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 MSVOA_L
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Quant Time: Apr 14 04:43:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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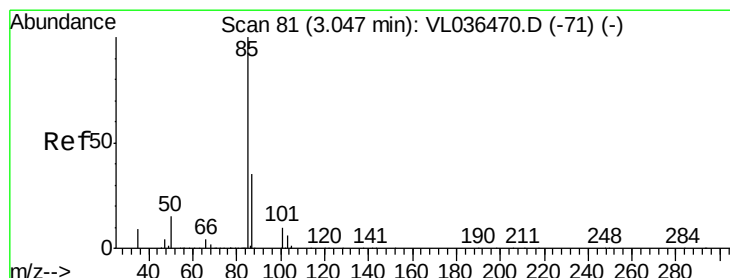
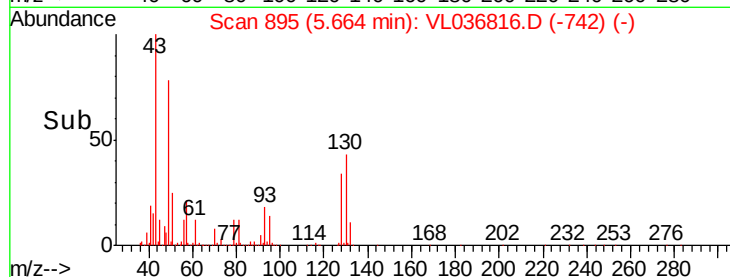
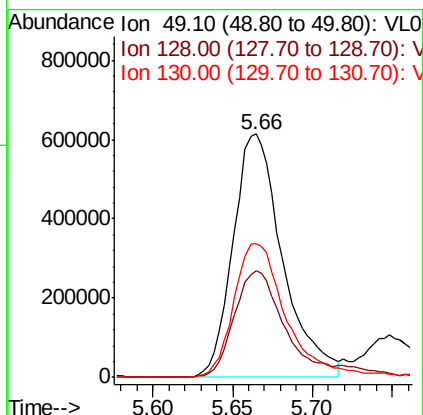
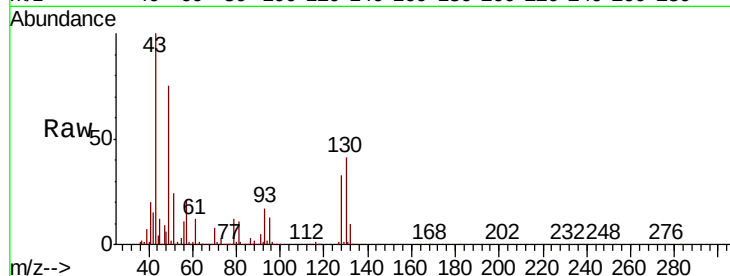
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4513732	8.212	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	849794	7.097	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1109131	7.246	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1057424	8.241	ppbv	96
48) Dibromochloromethane	10.30	129	1803820	9.222	ppbv	99
49) Bromoform	13.04	173	1485716	9.427	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1905840	7.969	ppbv	100
51) 2-Hexanone	10.14	43	987461	8.182	ppbv #	99
52) Tetrachloroethene	11.22	164	916676	7.971	ppbv	98
53) Toluene	9.80	91	2993081	9.000	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1548766	8.547	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1250362	7.927	ppbv	93
57) Chlorobenzene	12.15	112	2245618	7.568	ppbv	95
58) Ethyl Benzene	12.71	91	4003873	7.891	ppbv	100
59) m/p-Xylene	13.00	91	3310445	7.481	ppbv #	28
60) o-Xylene	13.69	91	3184071	7.441	ppbv	100
61) Styrene	13.53	104	1747254	8.116	ppbv	99
62) Isopropylbenzene	14.67	105	4492583	7.796	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2292519	7.023	ppbv	99
64) n-propylbenzene	15.56	120	1164257	8.264	ppbv	99
65) tert-Butylbenzene	16.74	119	3915864	7.837	ppbv	99
66) Benzyl Chloride	16.99	91	287624	5.208	ppbv #	97
67) sec-Butylbenzene	17.30	105	5506846	7.808	ppbv	99
69) p-Isopropyltoluene	17.65	119	4539520	8.242	ppbv	99
70) n-Butylbenzene	18.55	91	4546879	7.962	ppbv	99
71) 2-Chlorotoluene	15.45	91	3427585	7.938	ppbv	99
72) 4-Ethyltoluene	15.84	105	3823409	8.154	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	3403515	7.777	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	3542820	7.565	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	2117513	8.033	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1986834	7.591	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2024730	8.171	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1584472	7.140	ppbv	99
79) Naphthalene	22.20	128	2328355	8.520	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	381840	7.086	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	1425589	8.449	ppbv	98

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



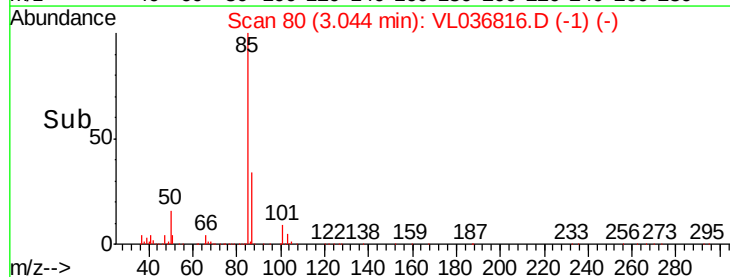
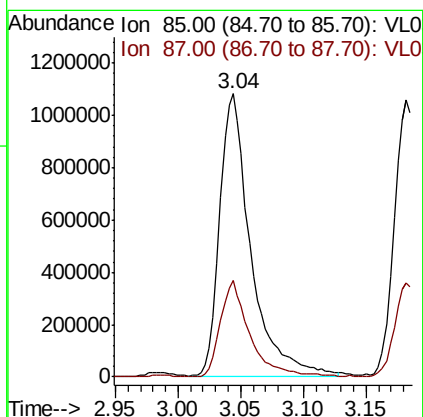
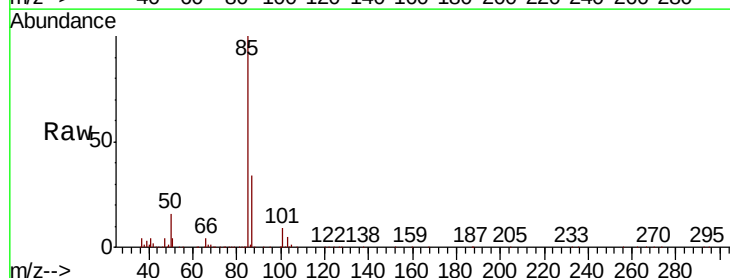
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

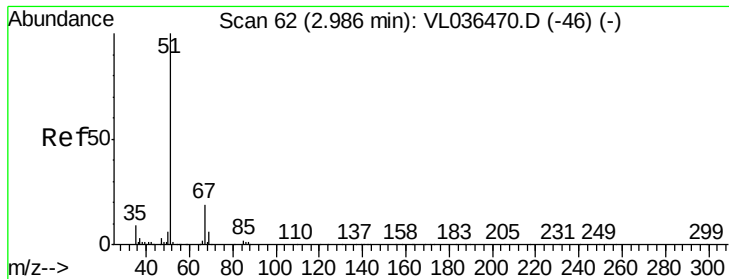
Tot Ion: 49 Resp: 1293154
 Ion Ratio Lower Upper
 49 100
 128 49.0 23.5 70.6
 130 60.1 29.1 87.4



#2
 Dichlorodifluoromethane
 Concen: 8.748 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T.: -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 85 Resp: 1845139
 Ion Ratio Lower Upper
 85 100
 87 34.1 27.8 41.8





#3

Chlorodifluoromethane

Concen: 9.354 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

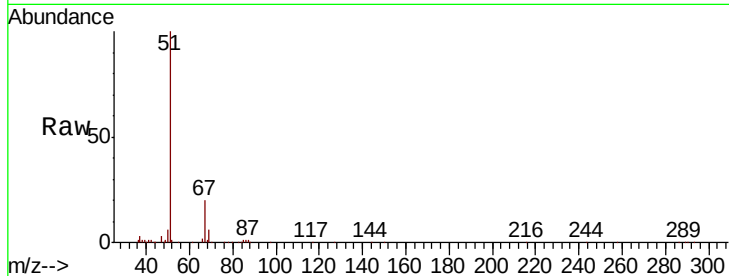
Acq: 14 Apr 2021 00:38

Tot Ion: 51 Resp: 2260034

Ion Ratio Lower Upper

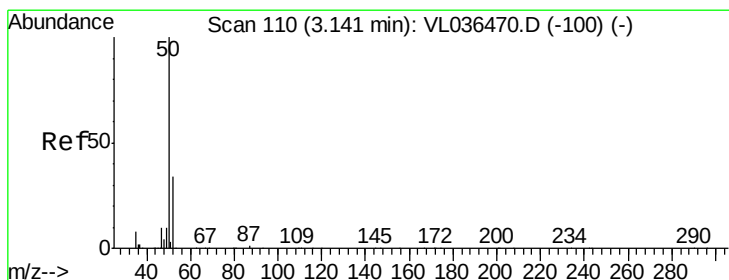
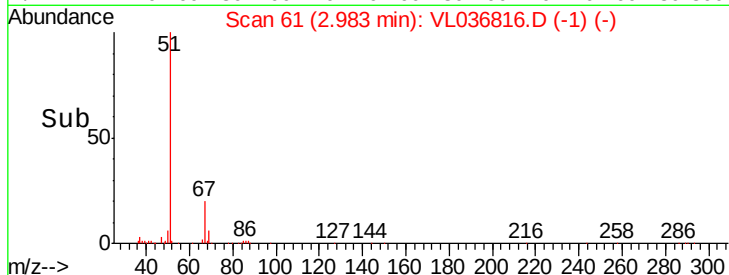
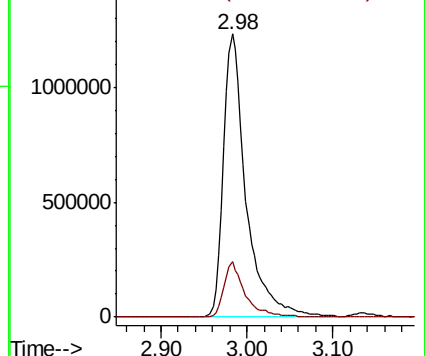
51 100

67 18.4 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.373 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL036816.D

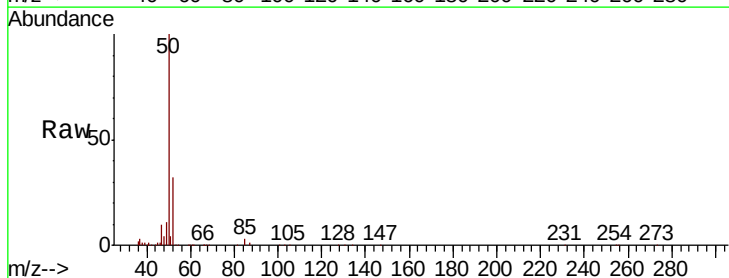
Acq: 14 Apr 2021 00:38

Tgt Ion: 50 Resp: 714570

Ion Ratio Lower Upper

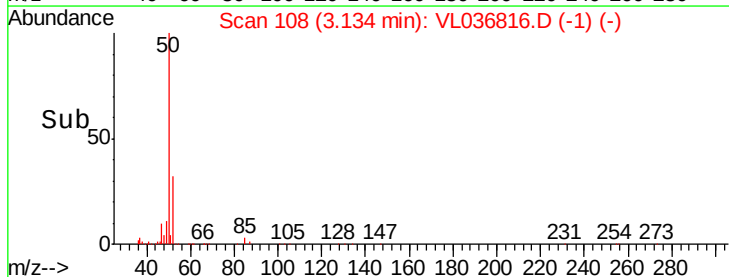
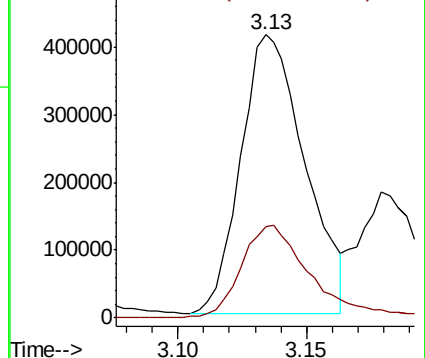
50 100

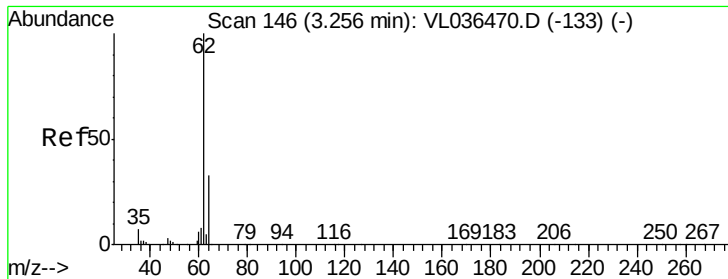
52 32.3 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.507 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

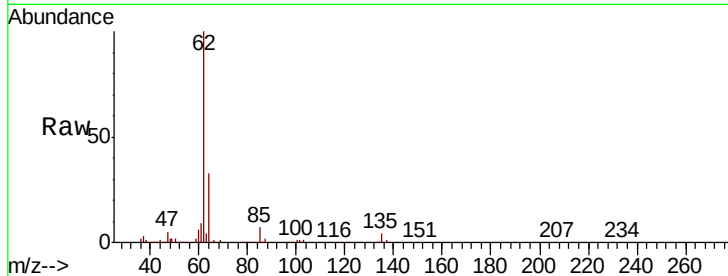
Acq: 14 Apr 2021 00:38

Tot Ion: 62 Resp: 746456

Ion Ratio Lower Upper

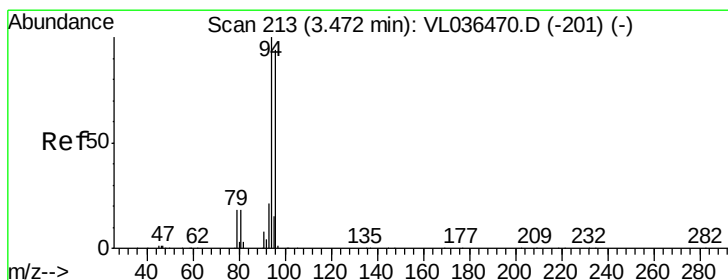
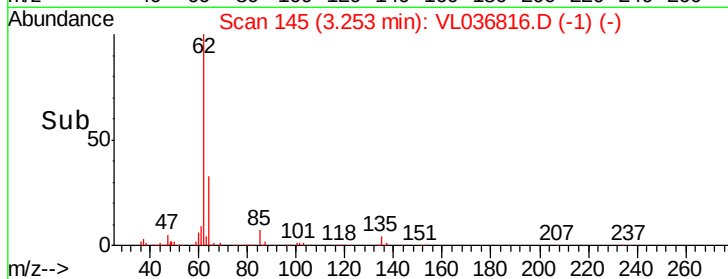
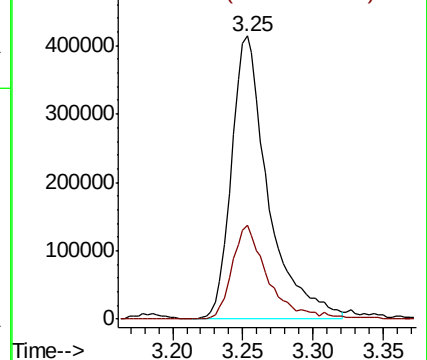
62 100

64 33.1 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.358 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036816.D

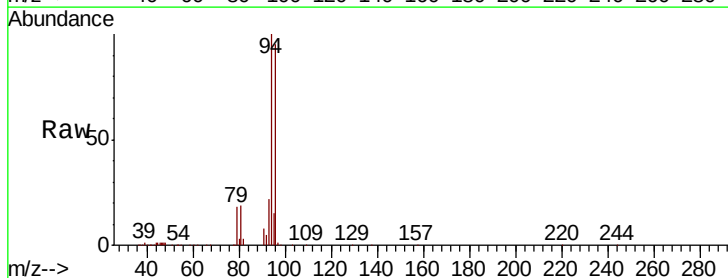
Acq: 14 Apr 2021 00:38

Tgt Ion: 94 Resp: 403796

Ion Ratio Lower Upper

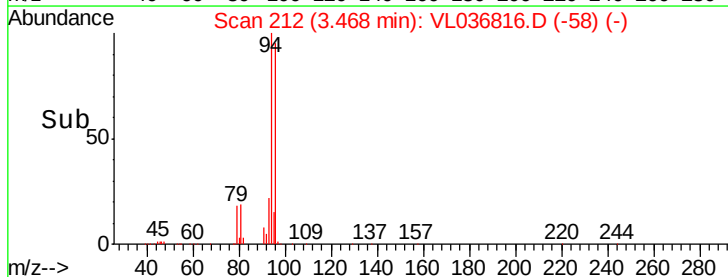
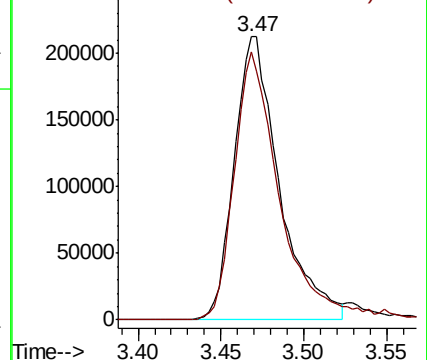
94 100

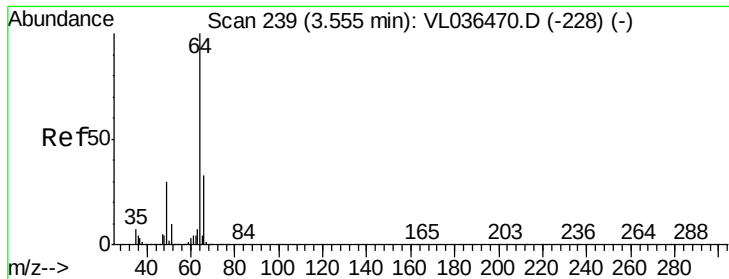
96 94.7 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.436 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

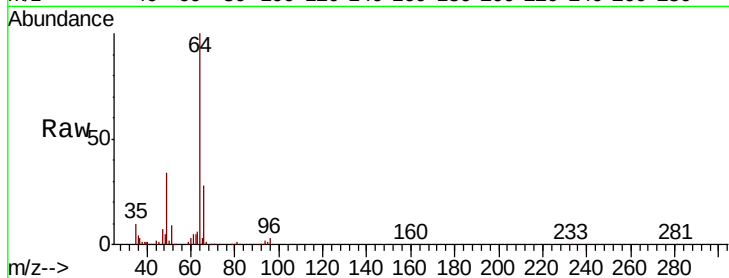
Acq: 14 Apr 2021 00:38

Tot Ion: 64 Resp: 254366

Ion Ratio Lower Upper

64 100

66 27.8 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

150000

100000

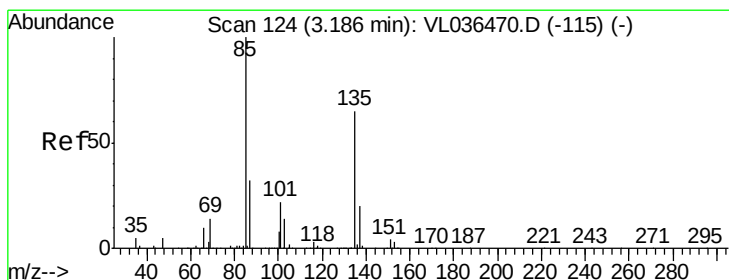
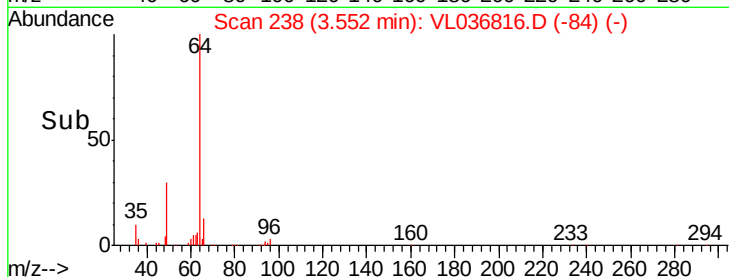
50000

0

3.55

3.50 3.55 3.60

Time-->



#8

Dichlorotetrafluoroethane

Concen: 8.790 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036816.D

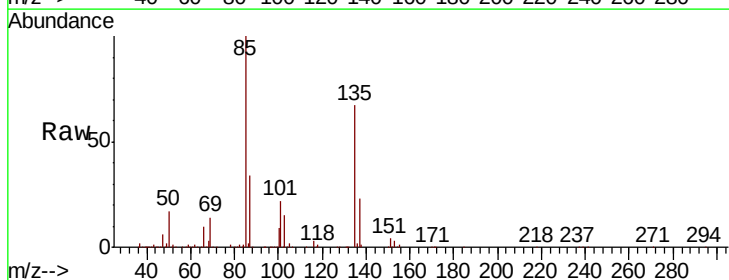
Acq: 14 Apr 2021 00:38

Tgt Ion: 85 Resp: 1769432

Ion Ratio Lower Upper

85 100

135 70.6 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1200000

1000000

800000

600000

400000

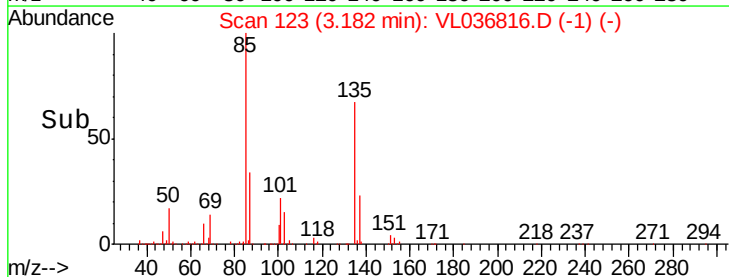
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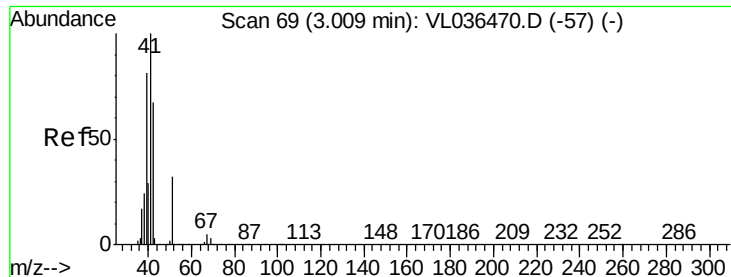
0

3.18

3.10 3.15 3.20 3.25 3.30

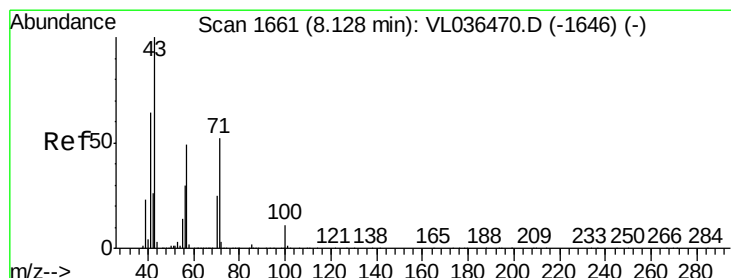
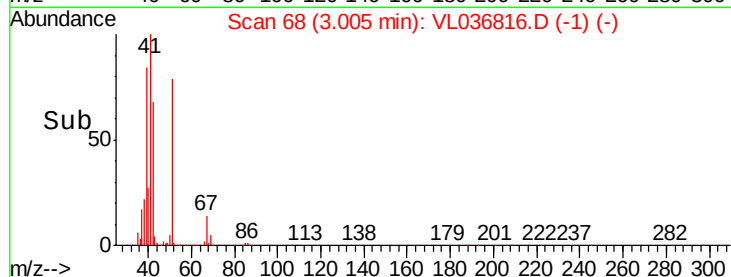
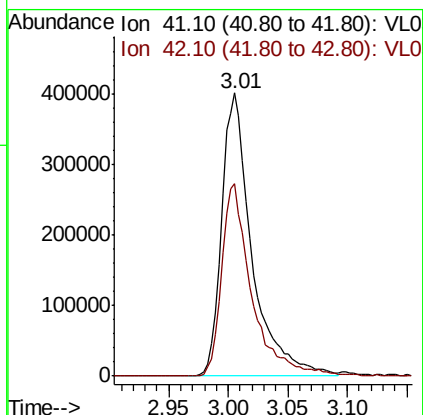
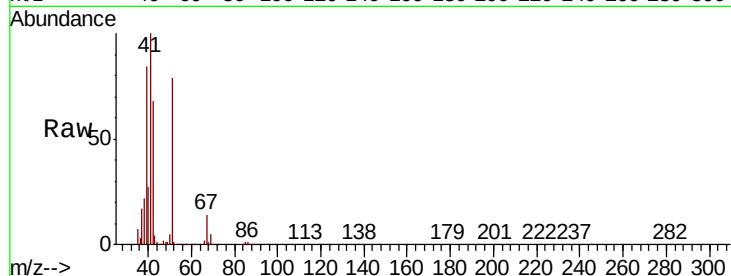
Time-->





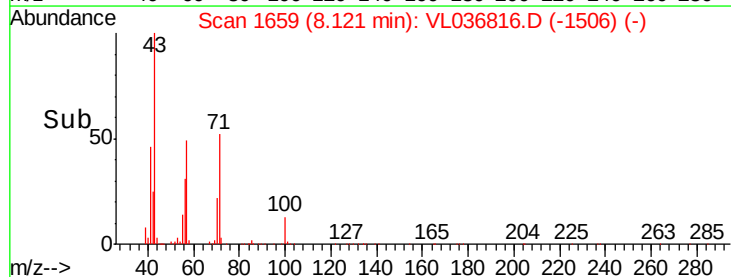
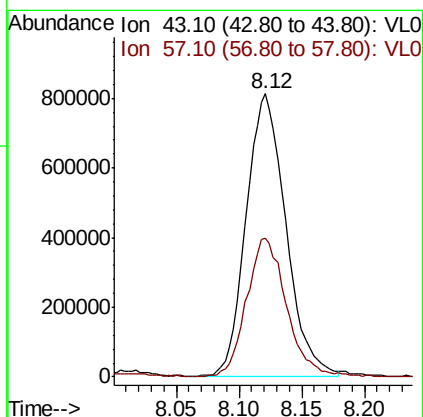
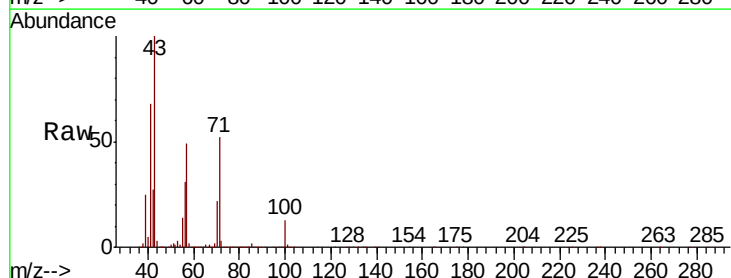
#9
 Propene
 Concen: 9.185 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

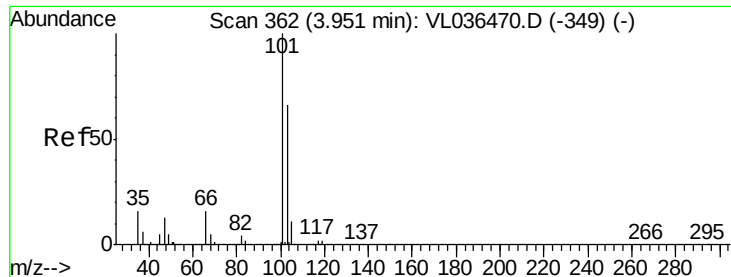
Tot Ion: 41 Resp: 707451
 Ion Ratio Lower Upper
 41 100
 42 68.1 57.0 85.4



#10
 Heptane
 Concen: 9.099 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

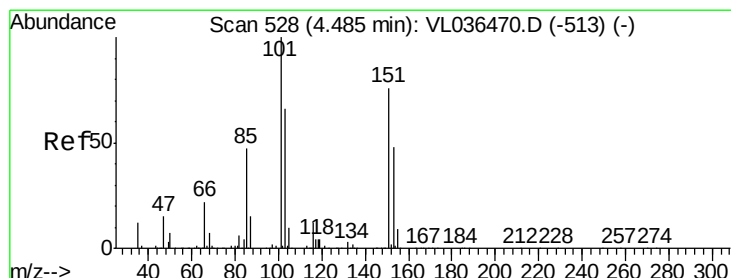
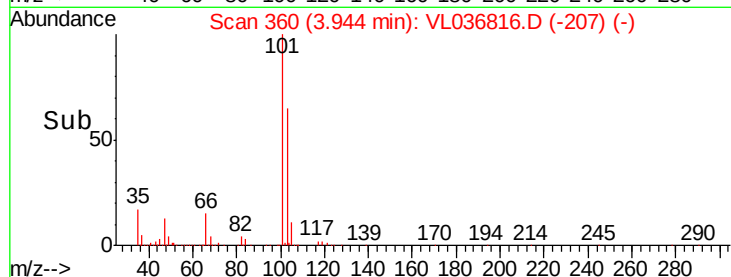
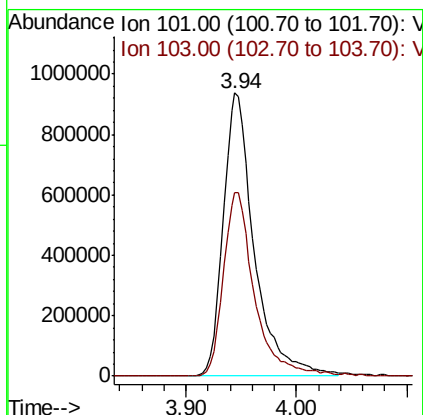
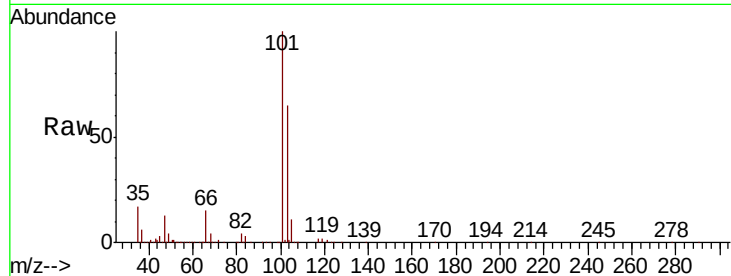
Tgt Ion: 43 Resp: 1785488
 Ion Ratio Lower Upper
 43 100
 57 49.5 39.0 58.6





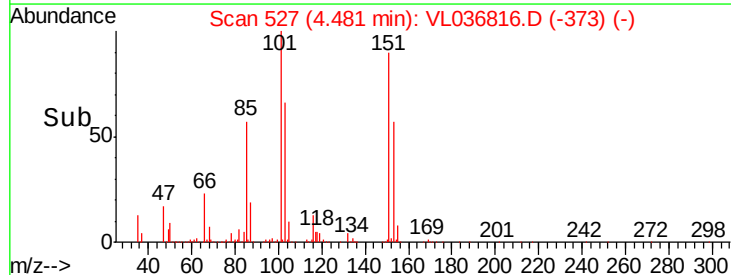
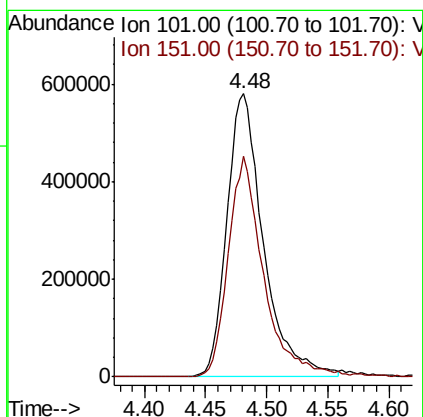
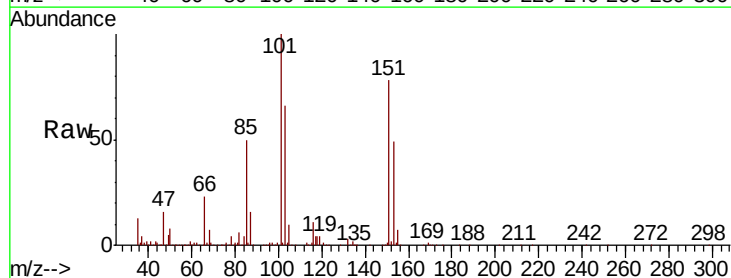
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 Trichlorofluoromethane
 Concen: 8.499 ppbv
 RT: 3.94 Instrument :
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

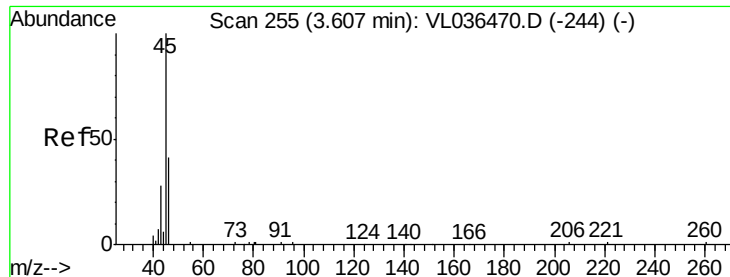
Tot Ion:101 Resp: 1826876
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.833 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

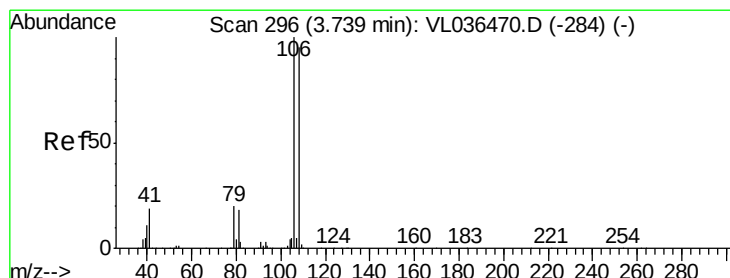
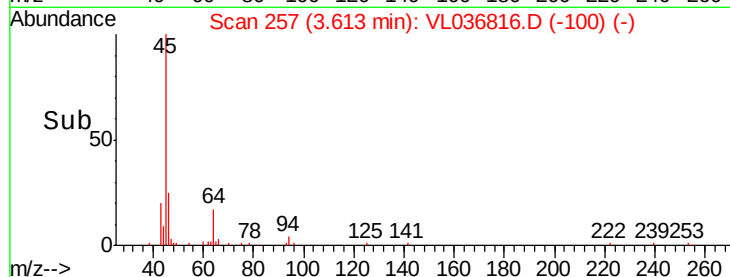
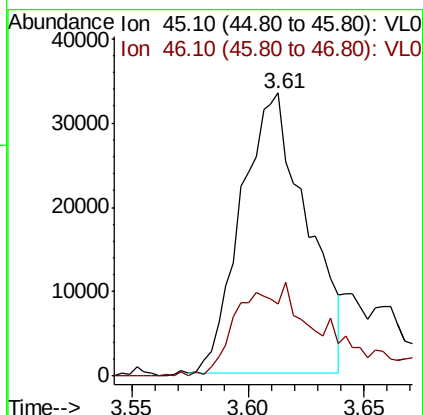
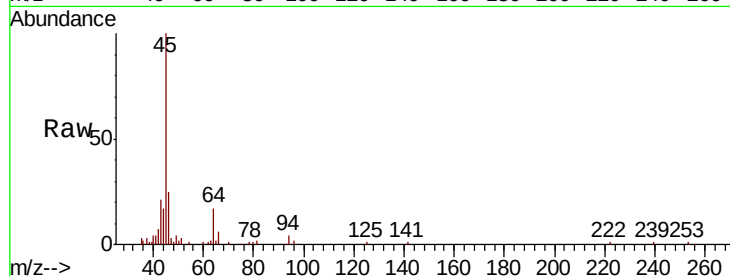
Tgt Ion:101 Resp: 1213957
 Ion Ratio Lower Upper
 101 100
 151 75.9 60.9 91.3





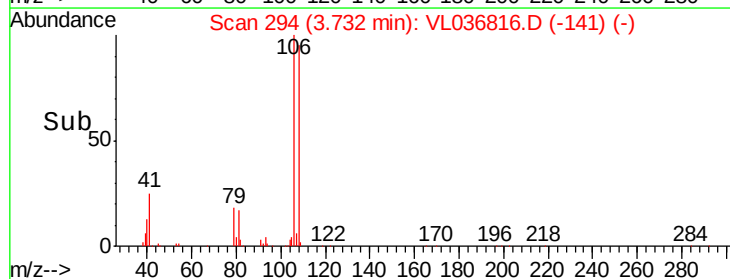
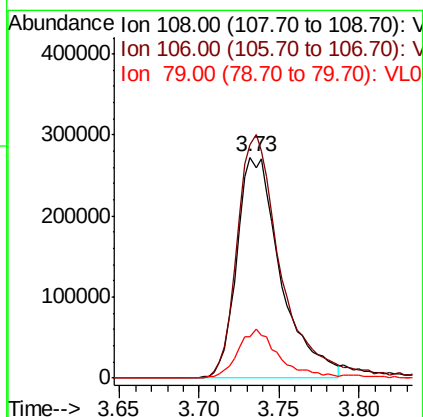
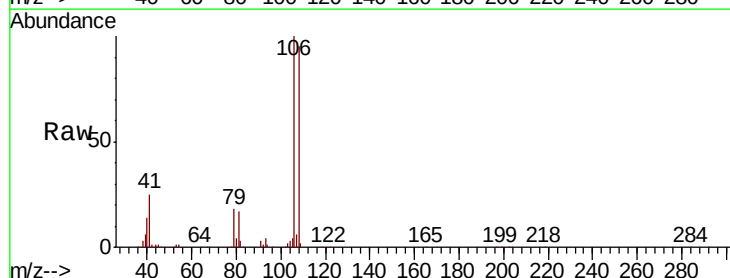
#13
Ethanol
Concen: 7.117 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

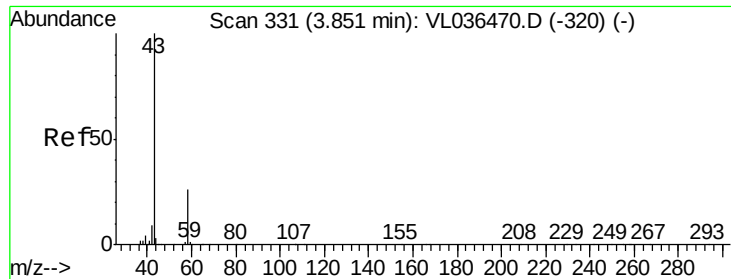
Tot Ion: 45 Resp: 65283
Ion Ratio Lower Upper
45 100
46 48.6 16.6 66.2



#14
Bromoethene
Concen: 8.922 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 108 Resp: 509732
Ion Ratio Lower Upper
108 100
106 112.2 89.0 133.6
79 21.9 16.6 25.0





#15

Acetone

Concen: 7.247 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

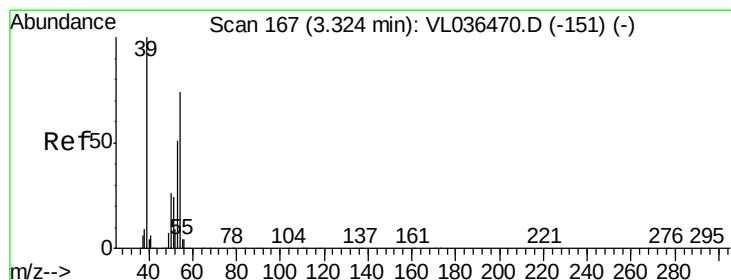
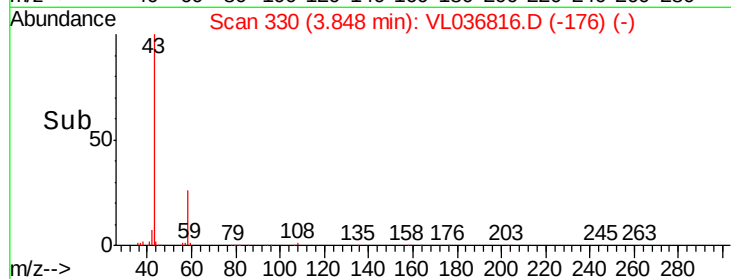
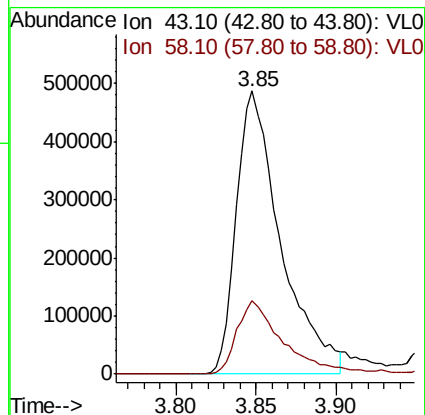
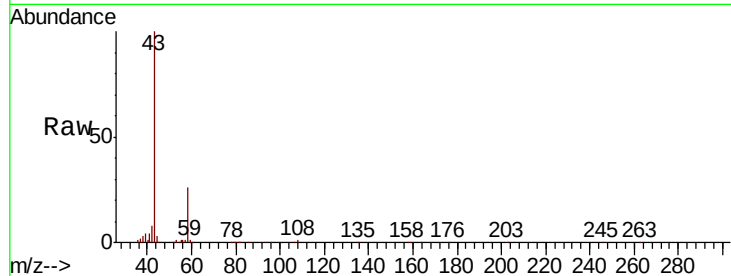
Acq: 14 Apr 2021 00:38

Tot Ion: 43 Resp: 922399

Ion Ratio Lower Upper

43 100

58 27.5 21.2 31.8



#16

1,3-Butadiene

Concen: 8.938 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL036816.D

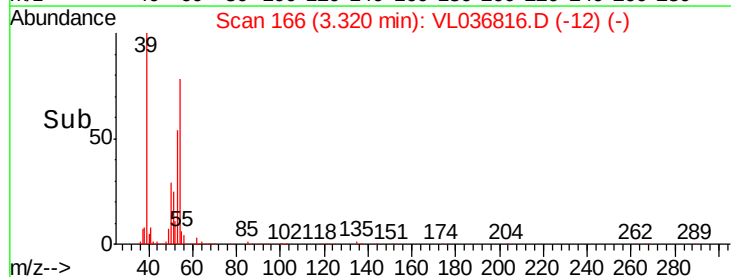
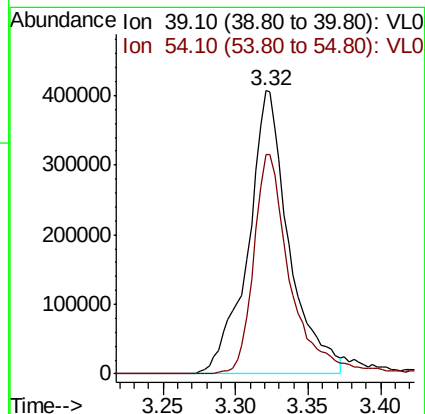
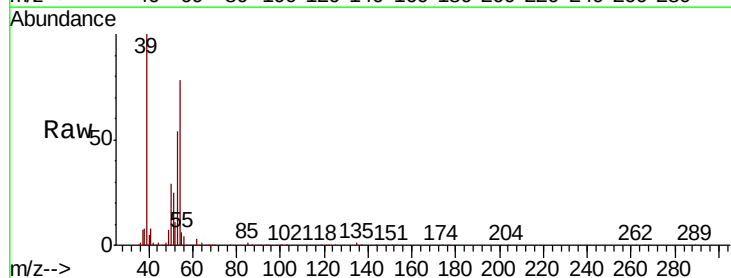
Acq: 14 Apr 2021 00:38

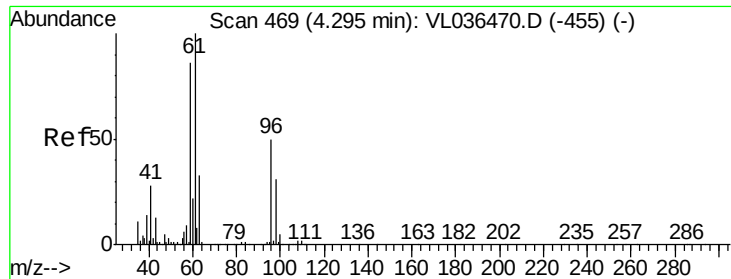
Tgt Ion: 39 Resp: 792022

Ion Ratio Lower Upper

39 100

54 71.6 58.8 88.2





#17

tert-Butyl alcohol

Concen: 10.502 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

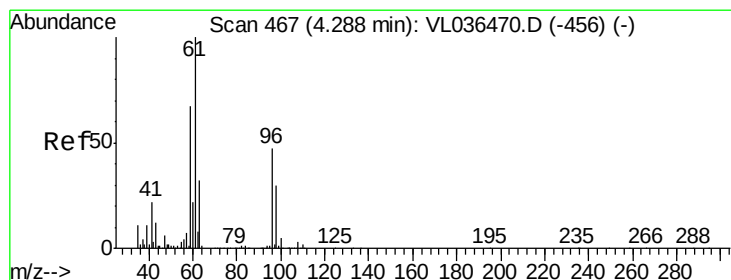
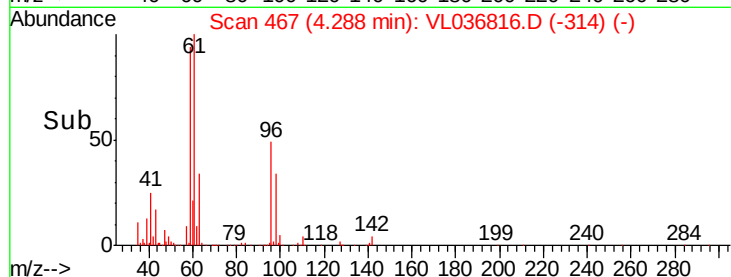
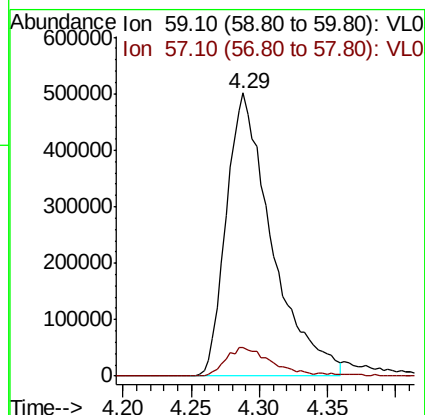
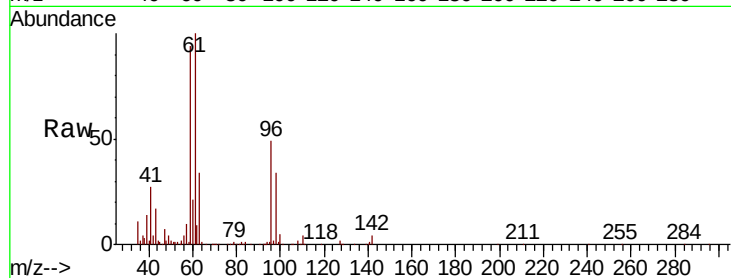
Acq: 14 Apr 2021 00:38

Tot Ion: 59 Resp: 1163550

Ion Ratio Lower Upper

59 100

57 11.2 8.6 12.8



#18

1,1-Dichloroethene

Concen: 8.766 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

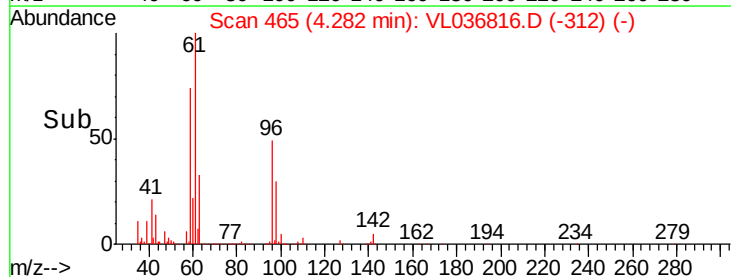
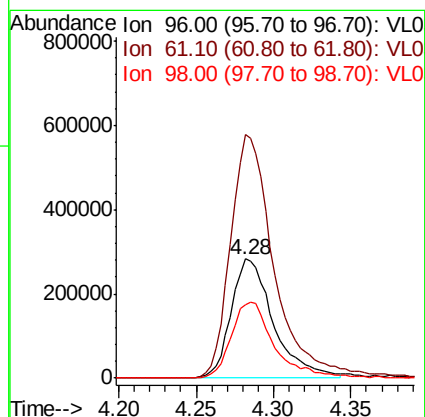
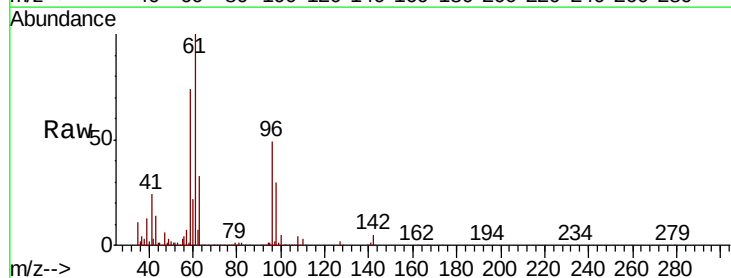
Tgt Ion: 96 Resp: 535871

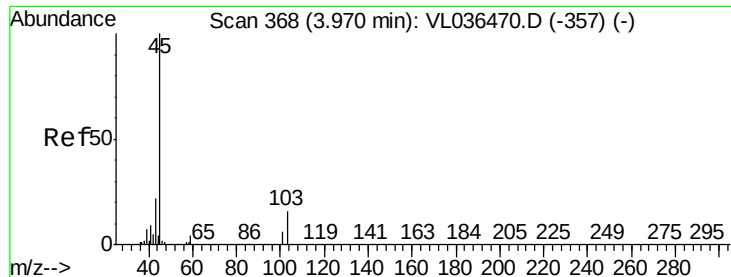
Ion Ratio Lower Upper

96 100

61 204.3 168.6 253.0

98 61.9 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.181 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

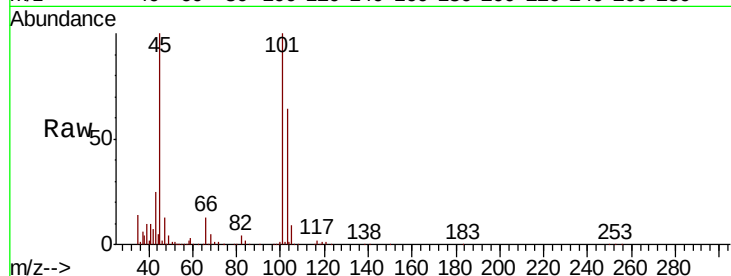
Acq: 14 Apr 2021 00:38

Tot Ion: 45 Resp: 642815

Ion Ratio Lower Upper

45 100

58 1.7 2.9 4.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

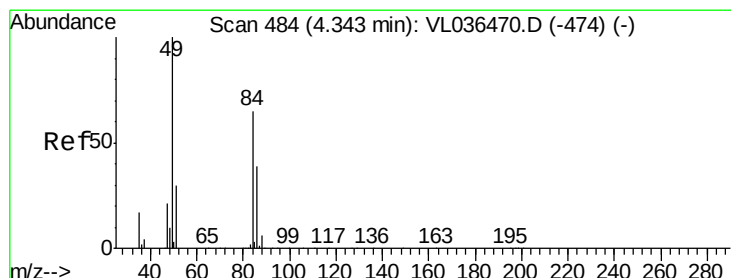
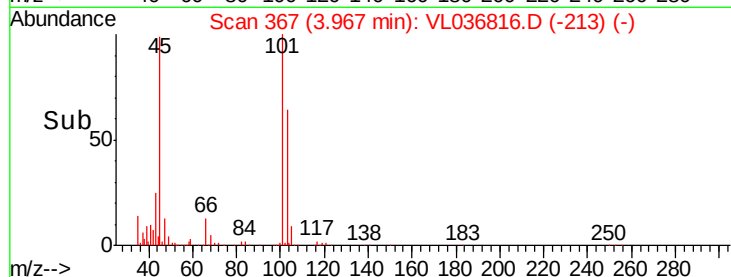
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 7.682 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion: 84 Resp: 457756

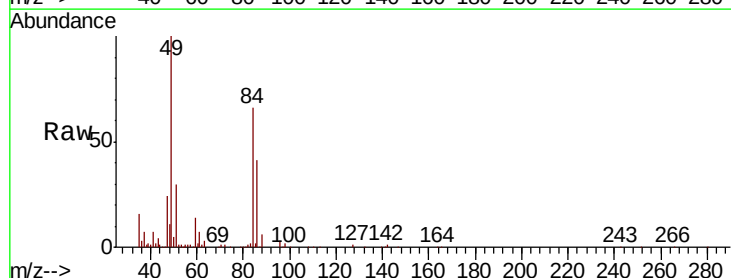
Ion Ratio Lower Upper

84 100

49 147.1 122.9 184.3

51 44.0 36.9 55.3

86 62.1 48.2 72.4



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

600000

500000

400000

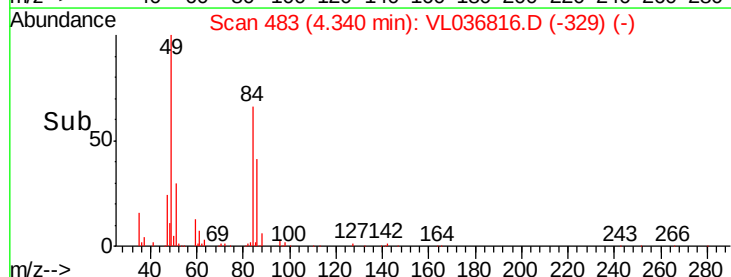
300000

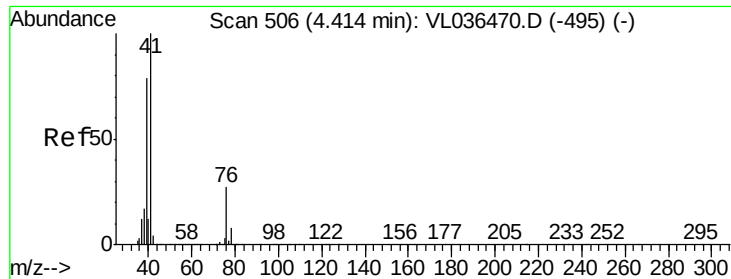
200000

100000

0

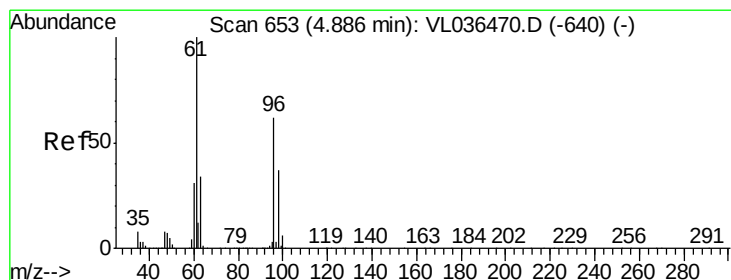
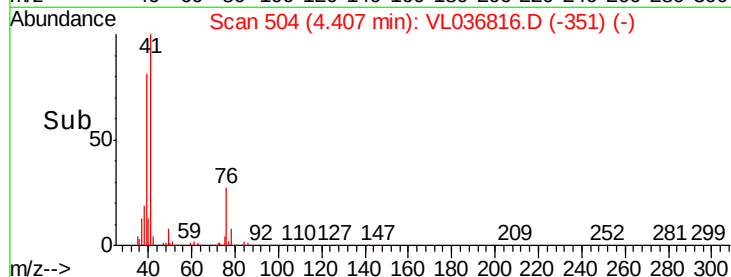
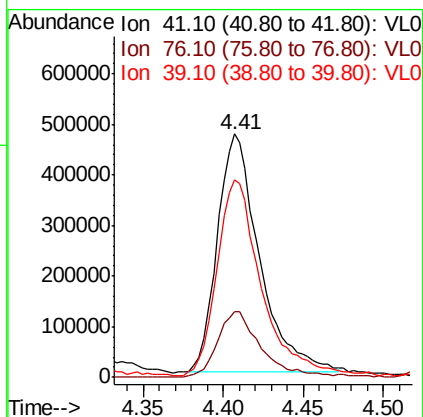
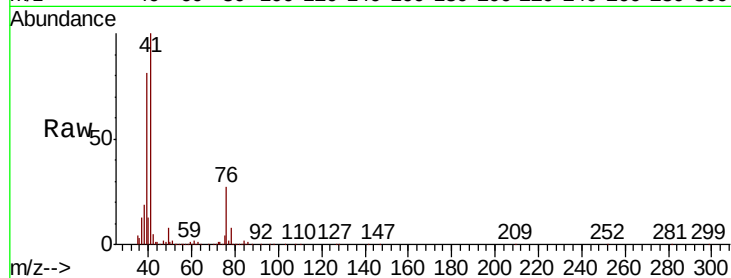
Time-->





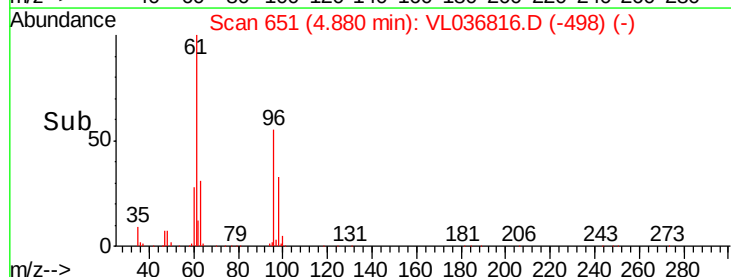
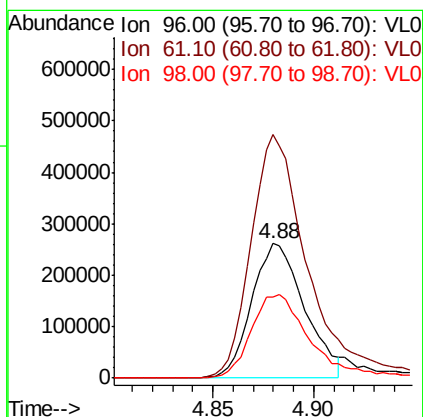
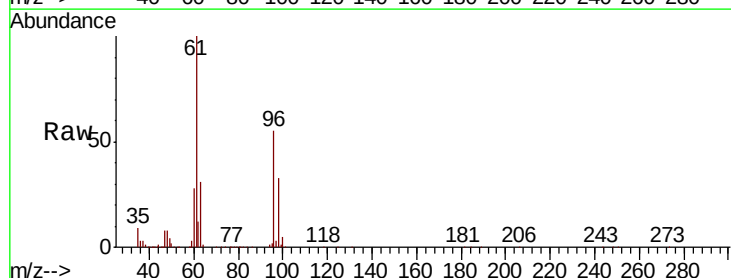
#21
 Allvl Chloride
 Concen: 8.321 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

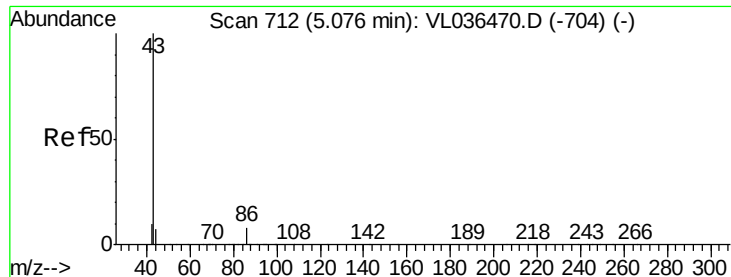
Tot Ion	41	Resp	844225
Ion Ratio	100	Lower	Upper
76	29.2	22.9	34.3
39	87.4	67.3	100.9



#22
 trans-1,2-Dichloroethene
 Concen: 8.417 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion	96	Resp	477012
Ion Ratio	100	Lower	Upper
61	181.2	129.4	194.0
98	60.1	48.2	72.4





#23

Vinyl Acetate

Concen: 8.875 ppbv

RT: 5.07 Instrument:

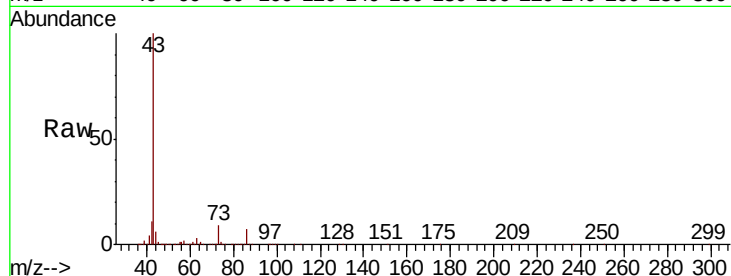
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

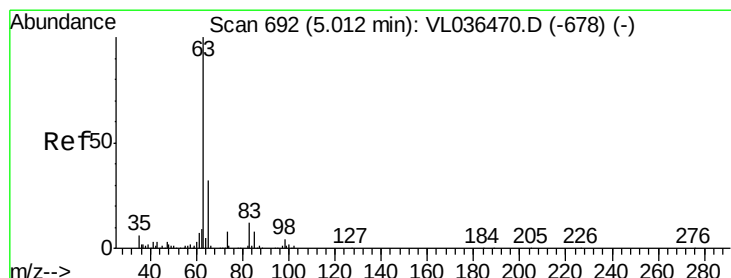
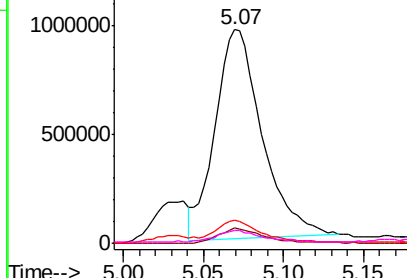
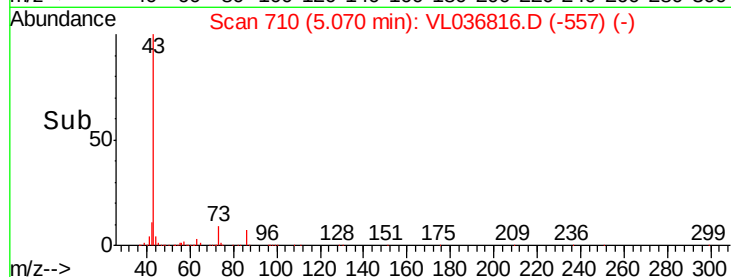
Acq: 14 Apr 2021 00:38

Tot Ion: 43 Resp: 1932237

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.4	8.0
42	10.6	8.5	12.7
44	5.9	4.6	7.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.728 ppbv

RT: 5.01 min Scan# 691

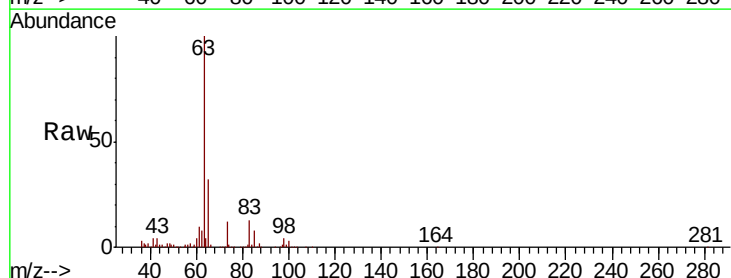
Delta R.T. -0.00 min

Lab File: VL036816.D

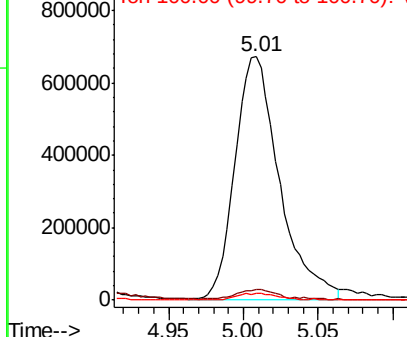
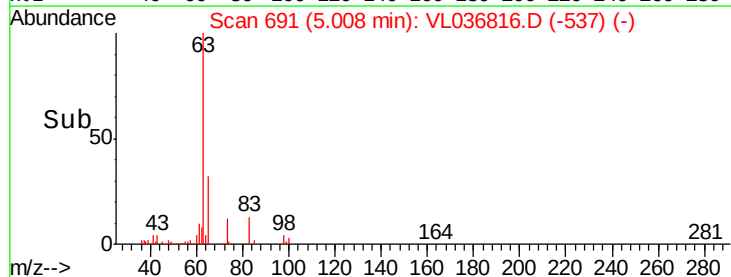
Acq: 14 Apr 2021 00:38

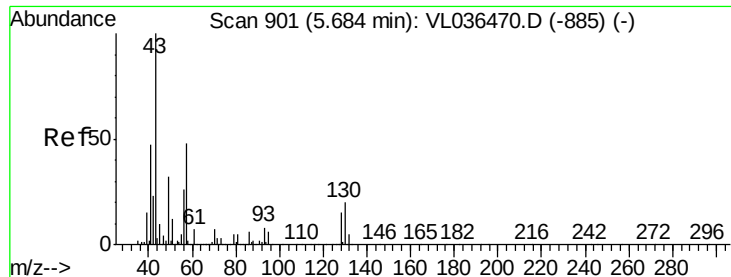
Tgt Ion: 63 Resp: 1385024

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.2
100	2.7	0.9	2.8



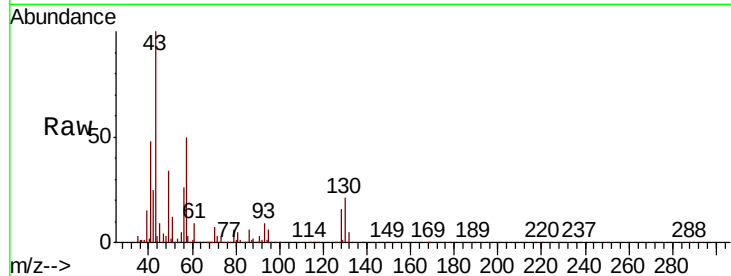
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0





#25
Ethyl Acetate
Concen: 8.800 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

Tot Ion:	43	Resp:	2662909
Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	8.5	7.4	11.2
70	6.2	5.1	7.7



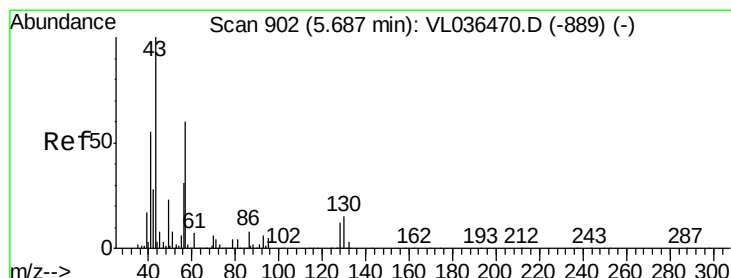
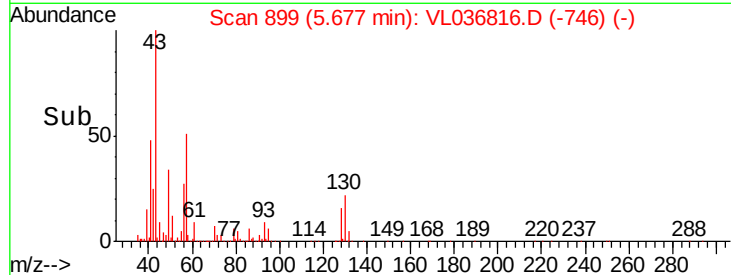
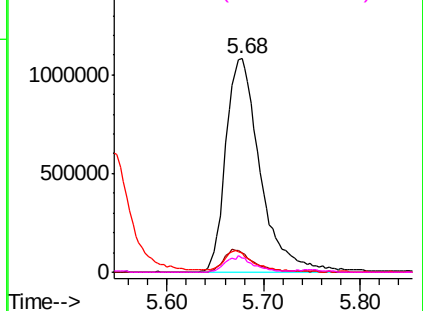
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

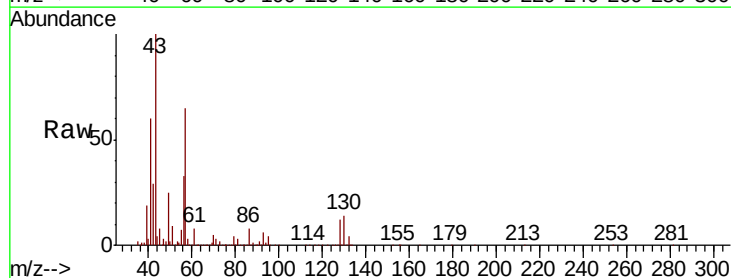
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.938 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: -0.00 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion:	57	Resp:	1255138
Ion	Ratio	Lower	Upper
57	100		
41	96.7	77.2	115.8
43	214.3	173.8	260.6
56	54.7	43.8	65.6



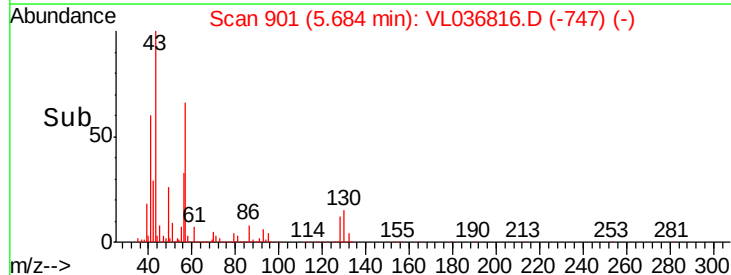
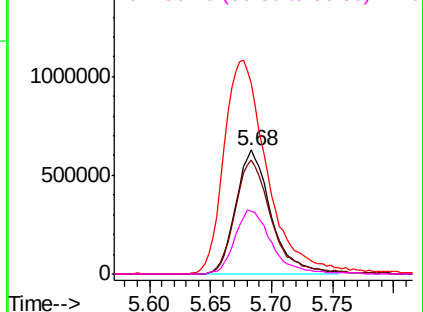
Abundance

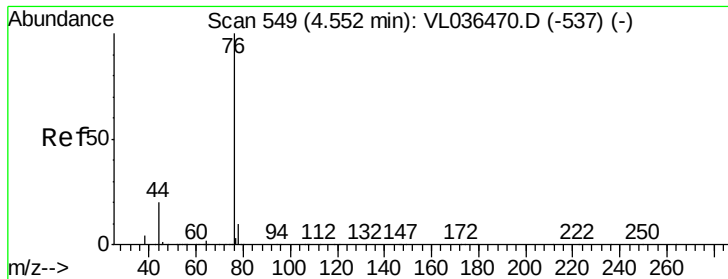
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 9.424 ppbv

RT: 4.55 Instrument:

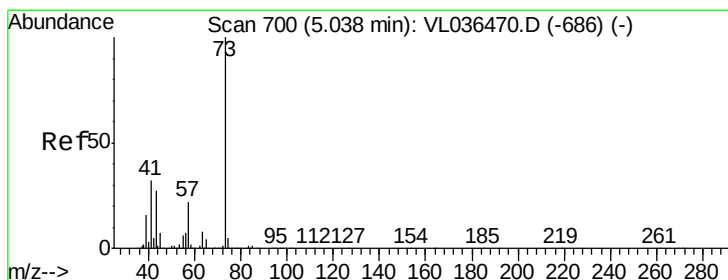
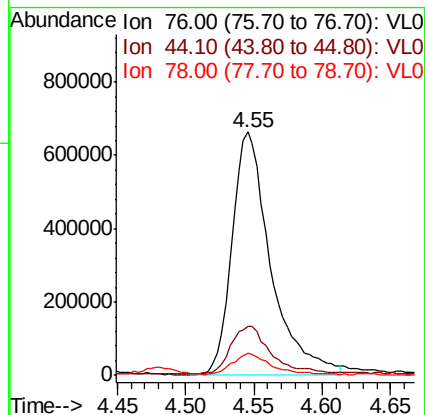
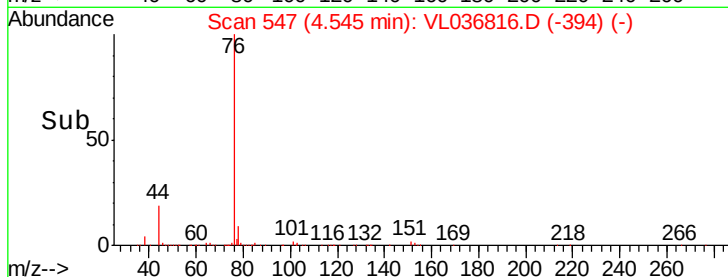
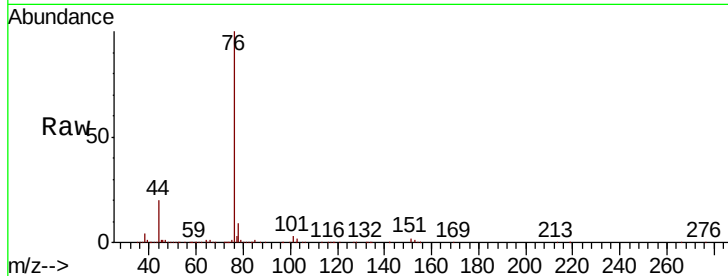
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38

Tot Ion: 76 Resp: 1303566

Ion	Ratio	Lower	Upper
76	100		
44	21.5	17.5	26.3
78	9.7	8.6	13.0



#28

Methyl tert-Butyl Ether

Concen: 9.046 ppbv

RT: 5.03 min Scan# 698

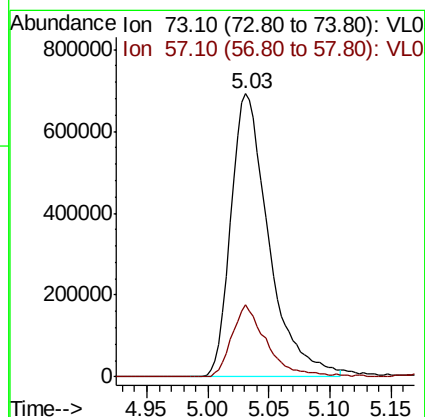
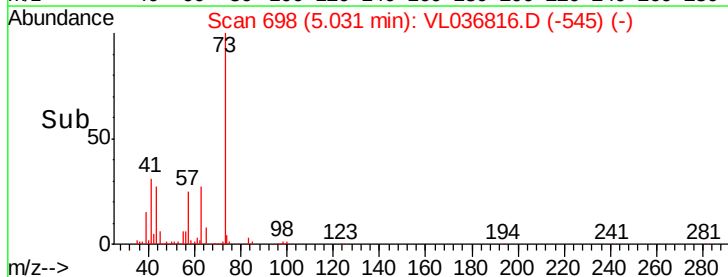
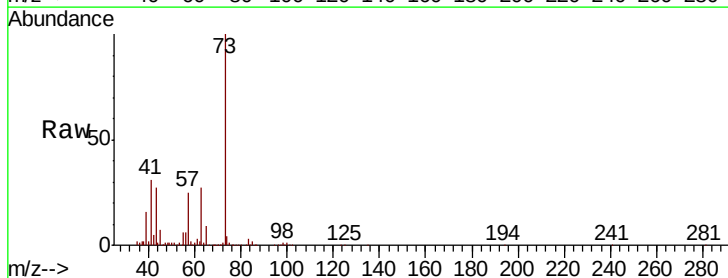
Delta R.T. -0.01 min

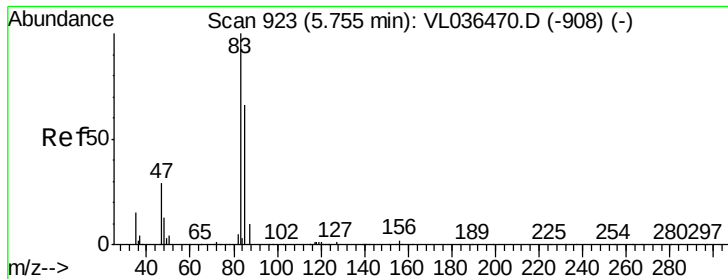
Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion: 73 Resp: 1498055

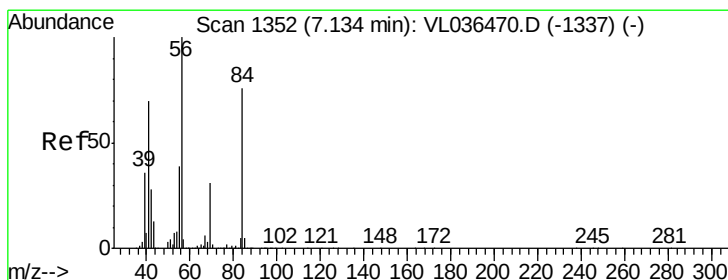
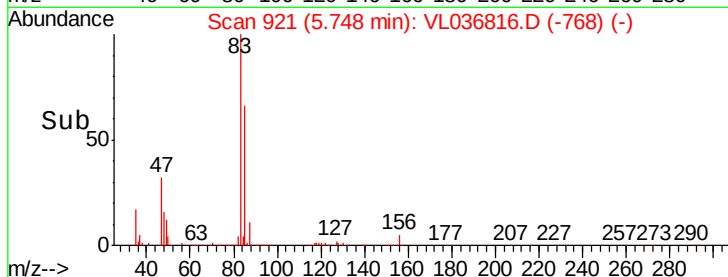
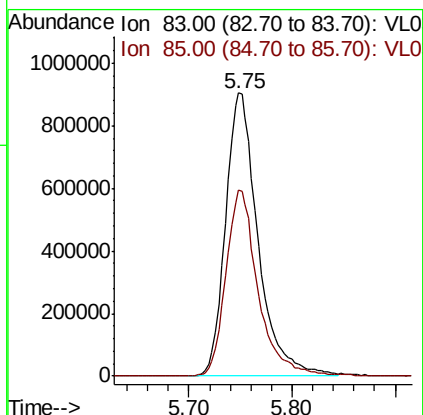
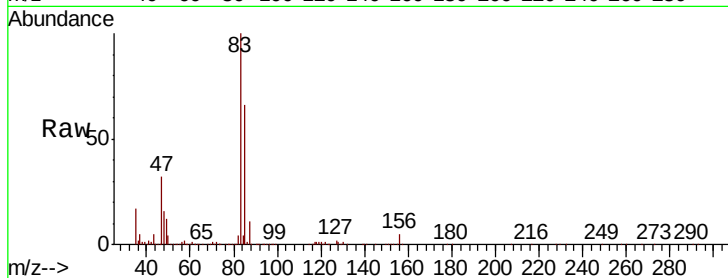
Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.5	27.7





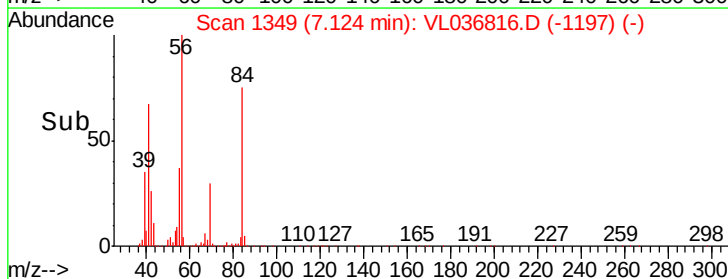
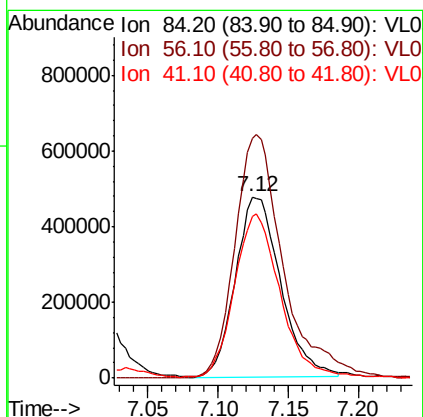
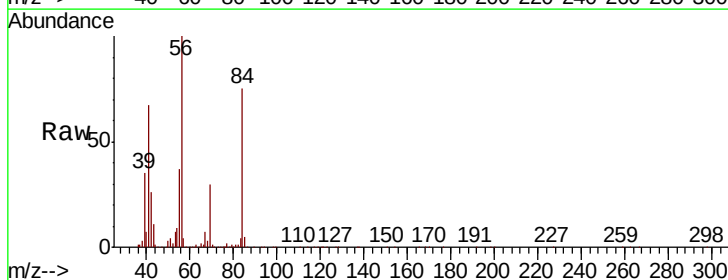
#29
Chloroform
Concen: 8.838 ppbv
RT: 5.75 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

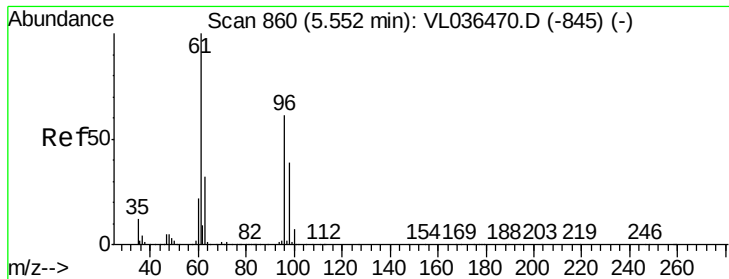
Tot Ion: 83 Resp: 1984662
Ion Ratio Lower Upper
83 100
85 65.3 52.6 78.8



#30
Cyclohexane
Concen: 9.436 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 84 Resp: 1074641
Ion Ratio Lower Upper
84 100
56 145.1 114.6 171.8
41 93.0 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 9.131 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38

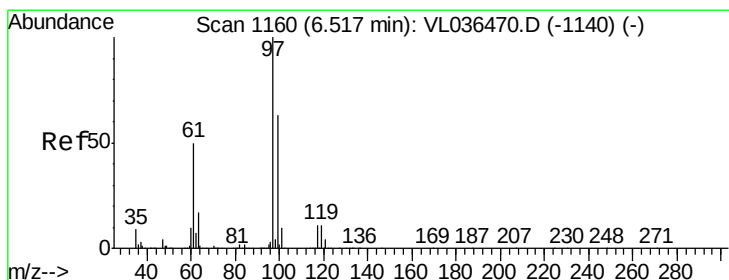
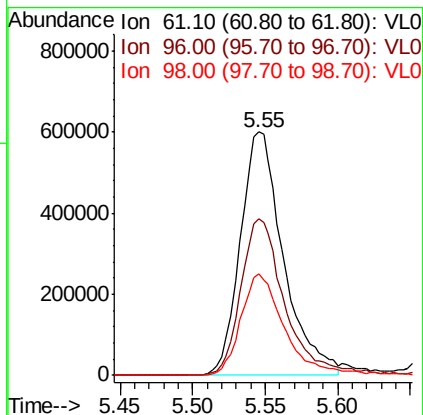
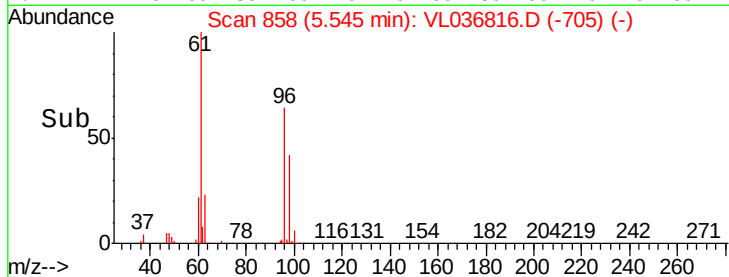
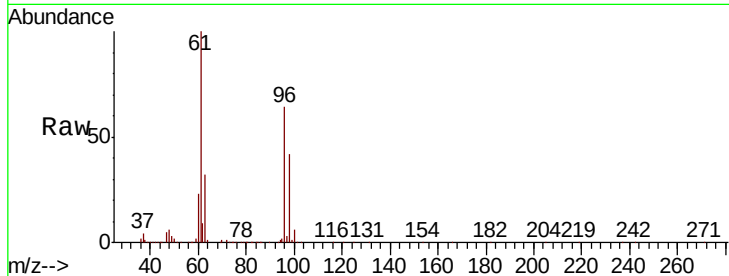
Tot Ion: 61 Resp: 1240143

Ion Ratio Lower Upper

61 100

96 64.1 48.7 73.1

98 41.8 31.4 47.0



#32

1,1,1-Trichloroethane

Concen: 8.911 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

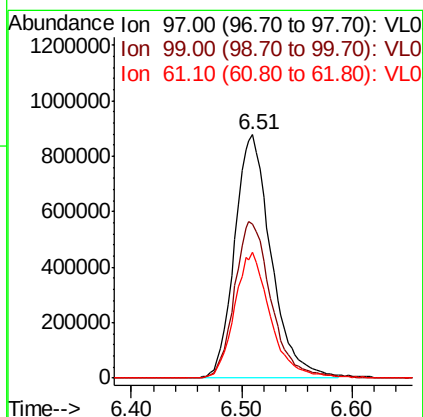
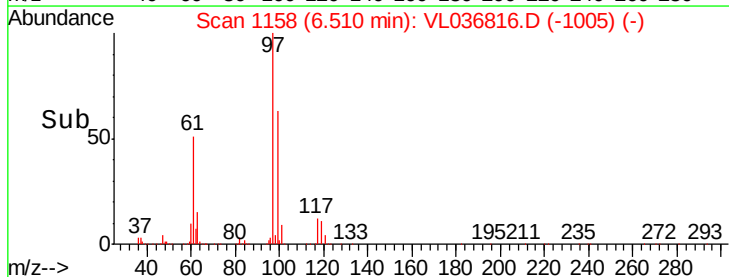
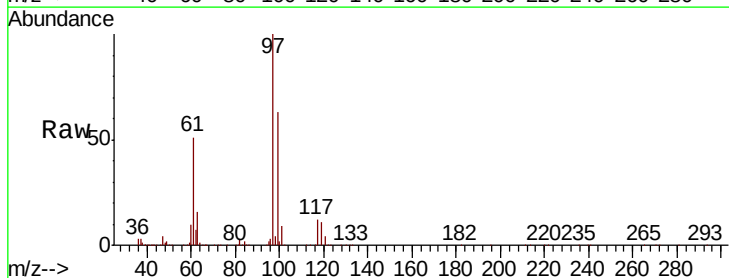
Tgt Ion: 97 Resp: 2016852

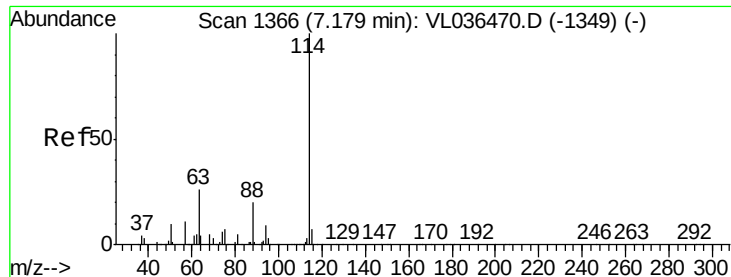
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 51.0 40.6 60.8

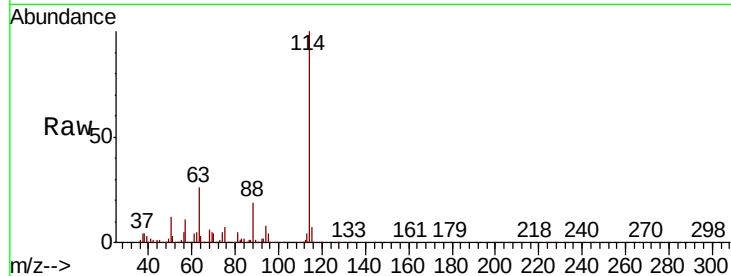




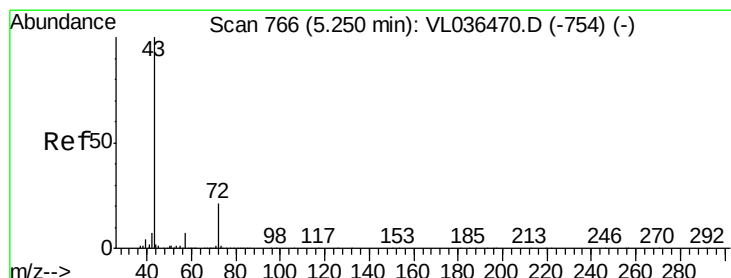
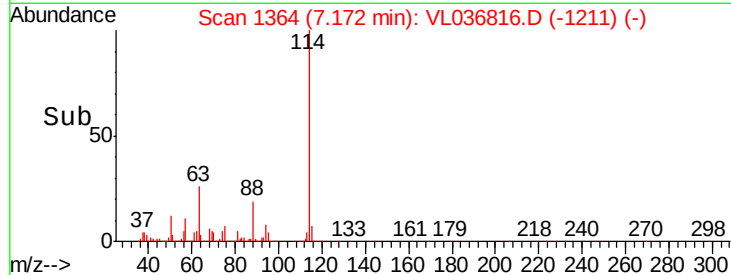
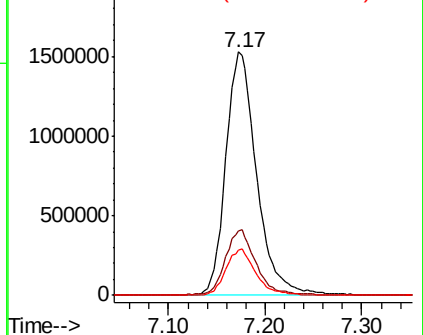
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

Tot Ion:114 Resp: 3386120

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.4	33.6
88	18.5	15.4	23.0



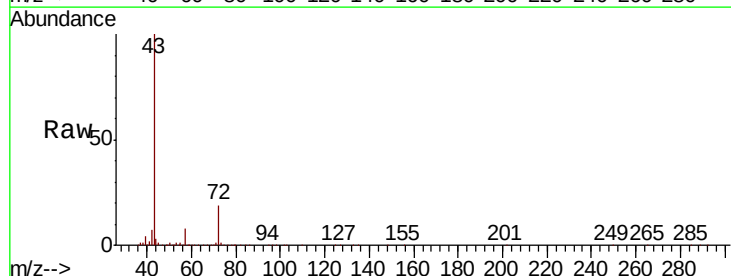
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



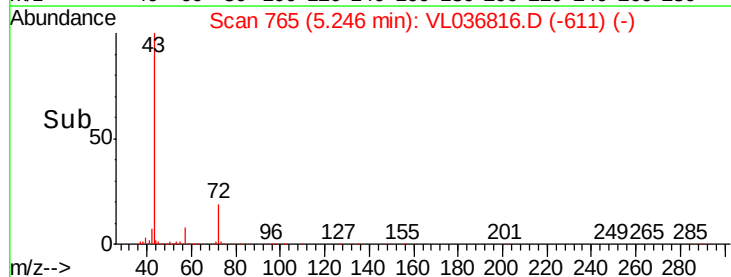
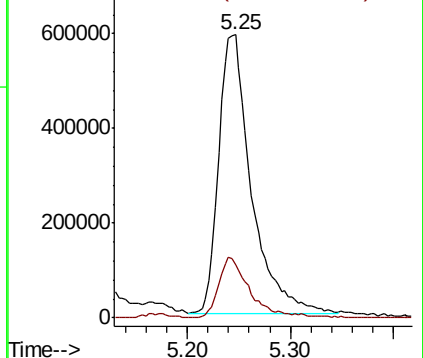
#34
 2-Butanone
 Concen: 7.807 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T.: -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

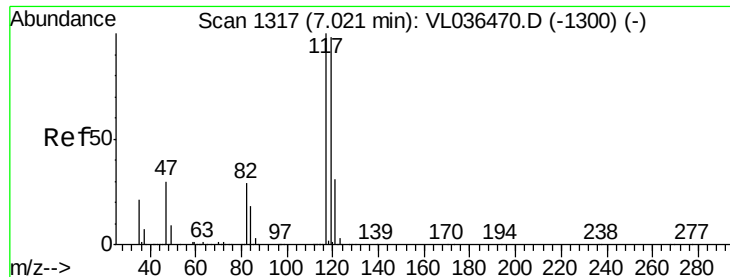
Tgt Ion: 43 Resp: 1290358

Ion	Ratio	Lower	Upper
43	100		
72	21.0	17.0	25.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0

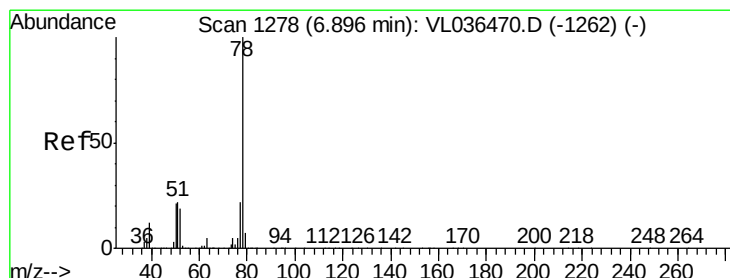
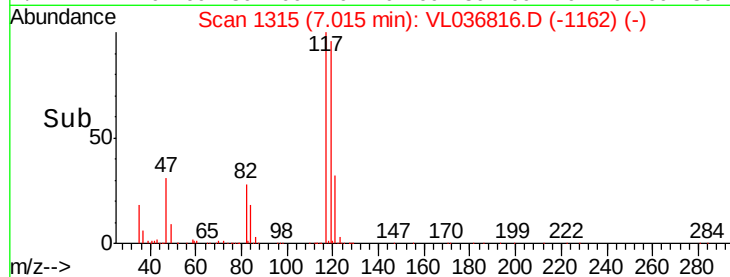
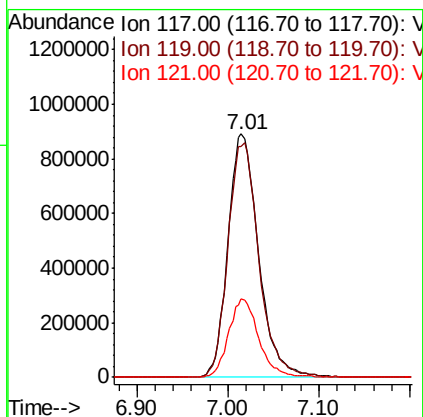
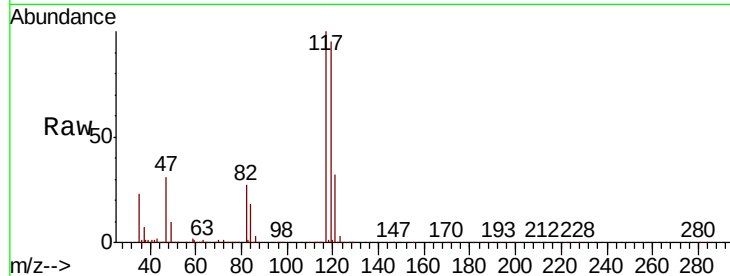




#35
Carbon Tetrachloride
Concen: 8.015 ppbv
RT: 7.01 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

Tot Ion: 117 Resp: 2084514

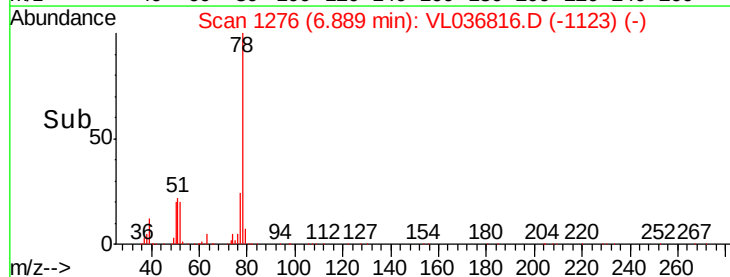
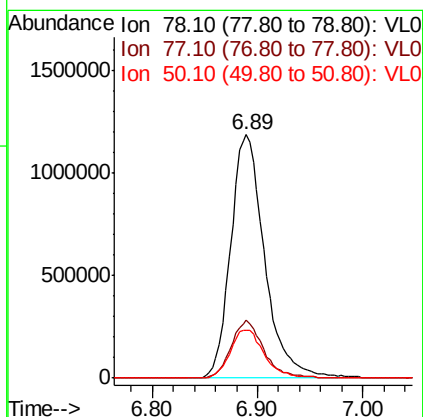
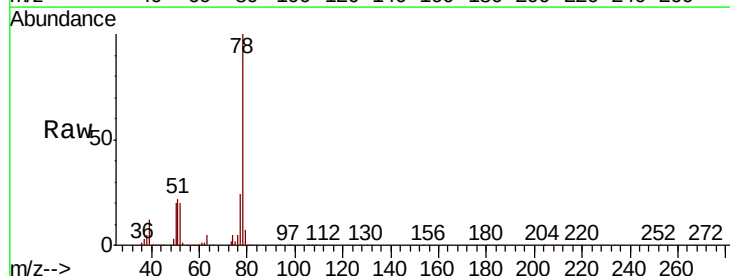
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.2
121	32.1	24.5	36.7

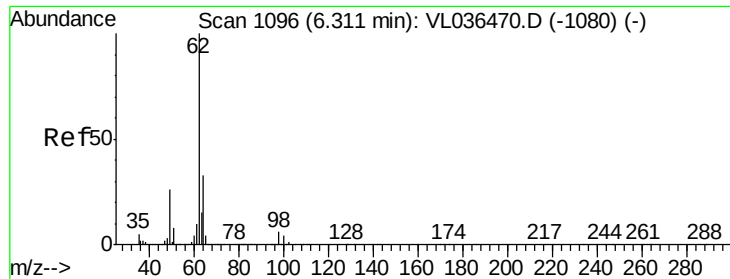


#36
Benzene
Concen: 8.453 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 78 Resp: 2639700

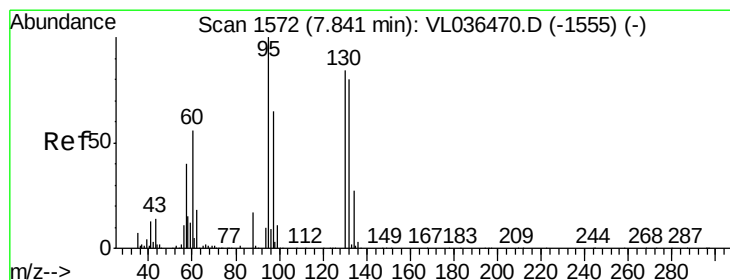
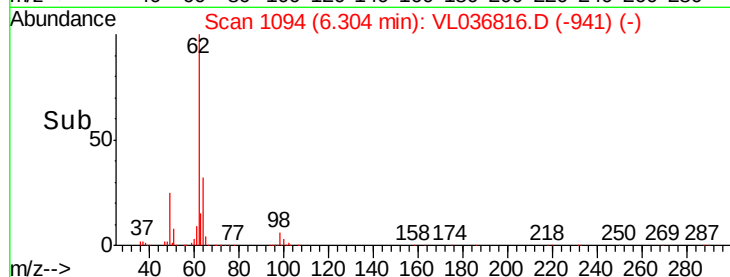
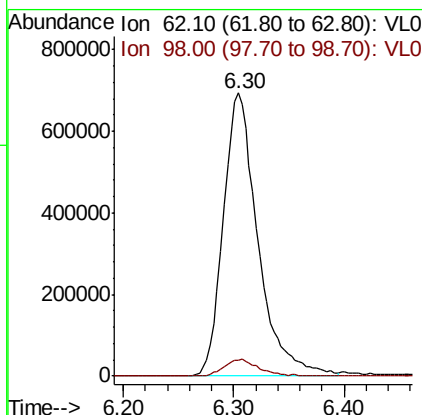
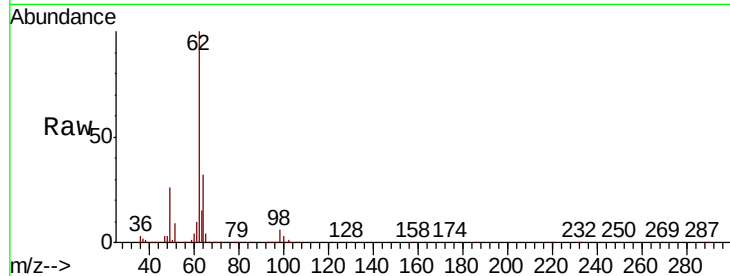
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.0	27.0
50	19.6	16.5	24.7





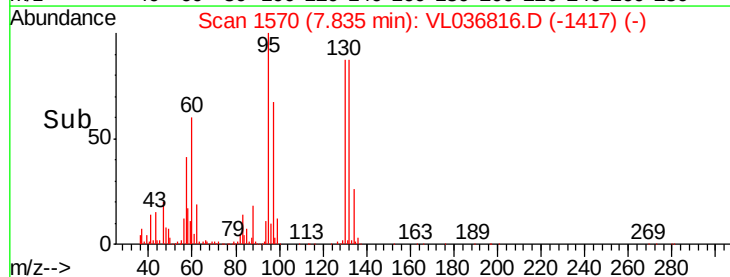
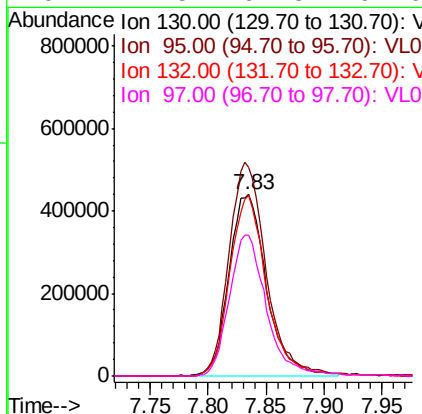
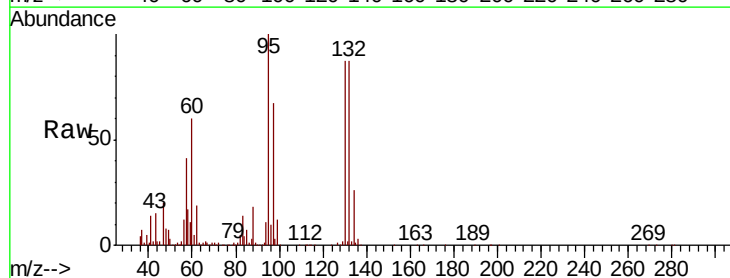
#37
 1,2-Dichloroethane
 Concen: 8.223 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

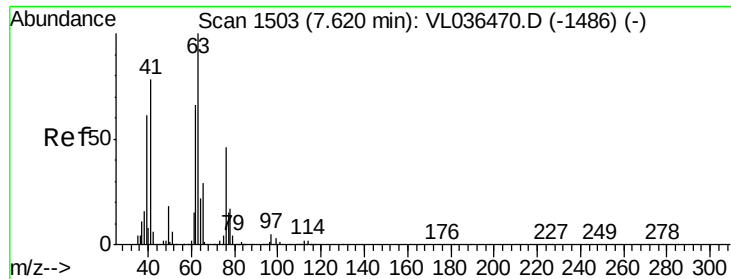
Tot Ion: 62 Resp: 1511382
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.9 7.3



#38
 Trichloroethene
 Concen: 8.134 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 130 Resp: 988539
 Ion Ratio Lower Upper
 130 100
 95 114.9 95.7 143.5
 132 99.5 76.2 114.4
 97 77.5 61.8 92.6





#39

1,2-Dichloropropane

Concen: 8.185 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38

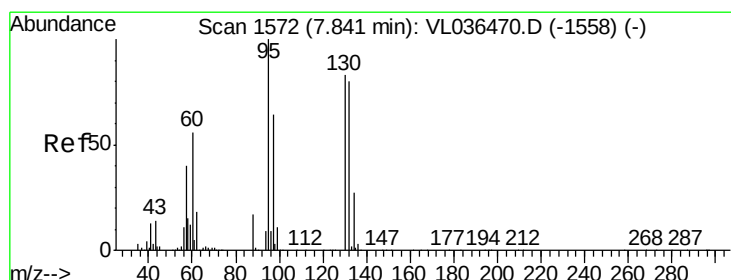
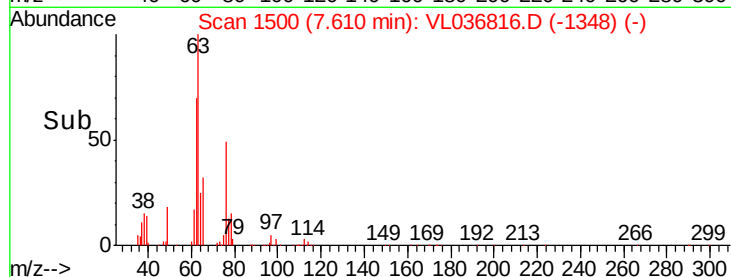
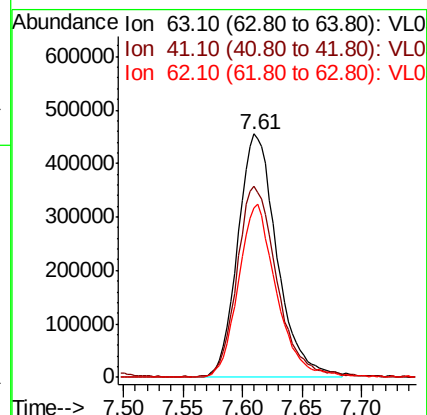
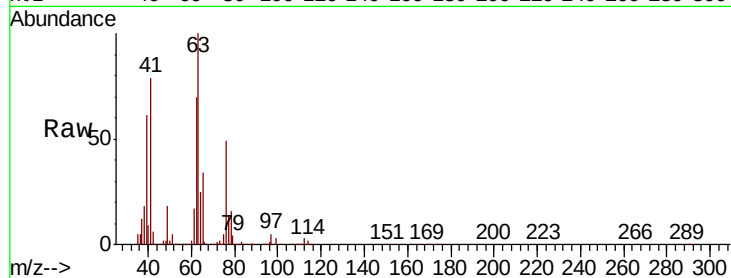
Tot Ion: 63 Resp: 1036888

Ion Ratio Lower Upper

63 100

41 78.4 62.4 93.6

62 69.4 52.8 79.2



#40

1,4-Dioxane

Concen: 3.642 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion: 88 Resp: 107376

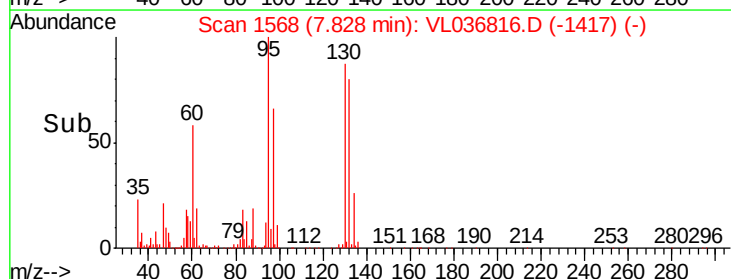
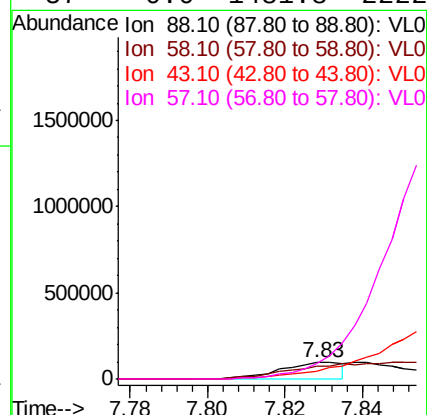
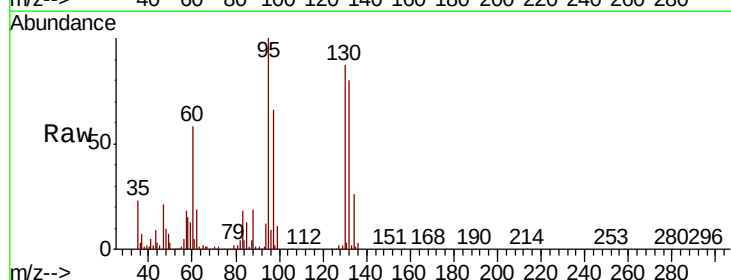
Ion Ratio Lower Upper

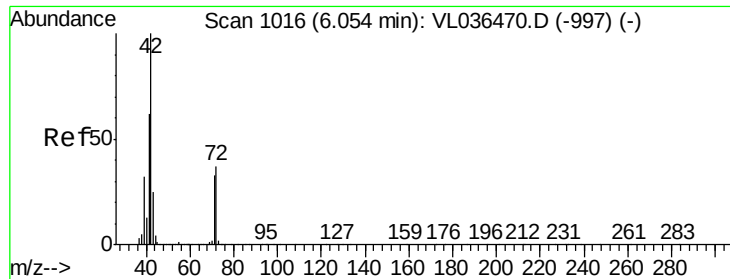
88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

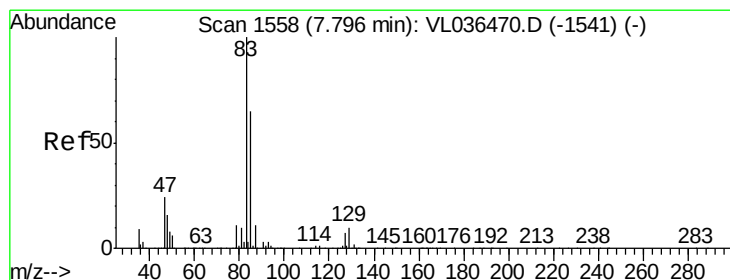
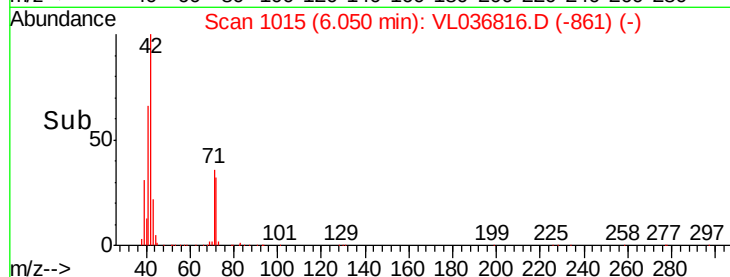
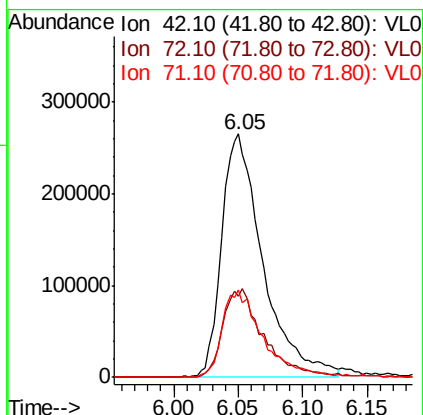
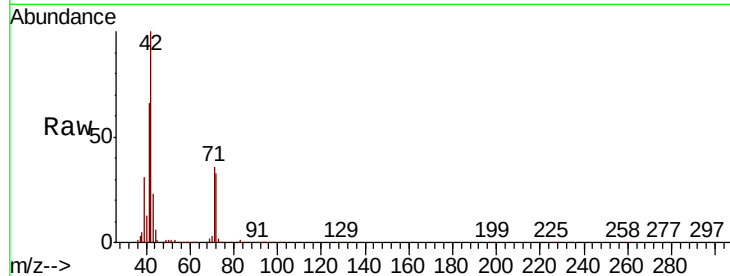
57 0.0 1481.8 2222.8#





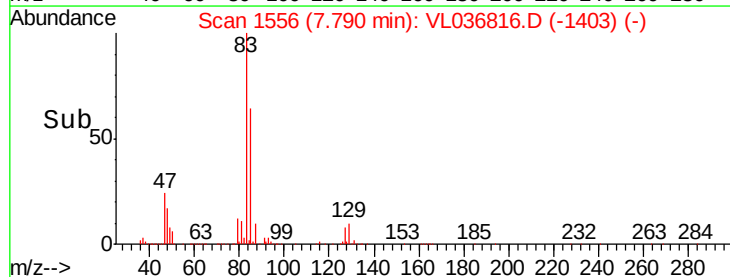
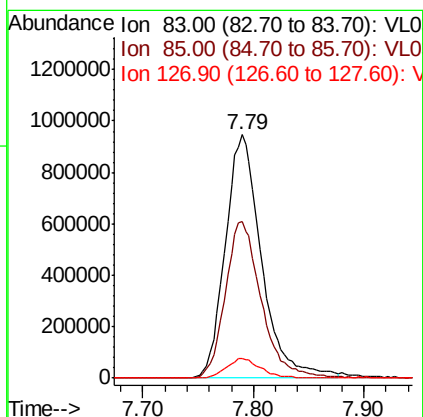
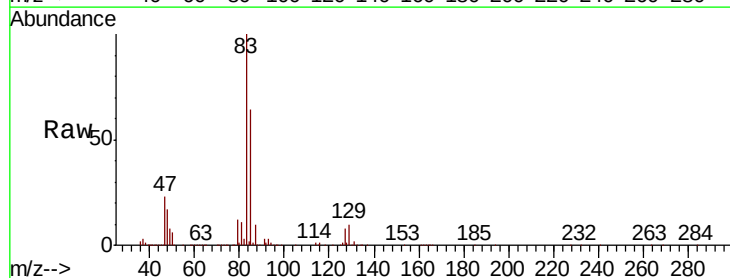
#41
Tetrahydrofuran
Concen: 7.675 ppbv
RT: 6.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Apr 2021 00:38

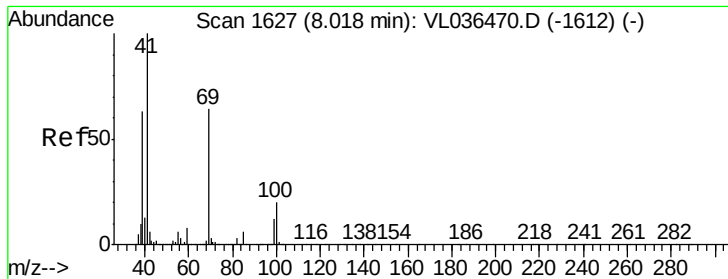
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.7	27.6	41.4
71	36.2	27.0	40.4



#42
Bromodichloromethane
Concen: 8.584 ppbv
RT: 7.79 min Scan# 1556
Delta R.T.: -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6
127	8.0	5.8	8.8





#43

Methyl Methacrylate

Concen: 9.383 ppbv

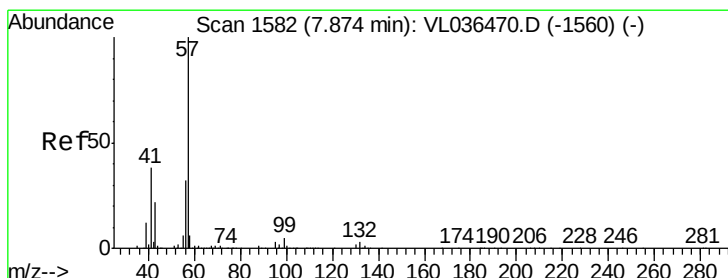
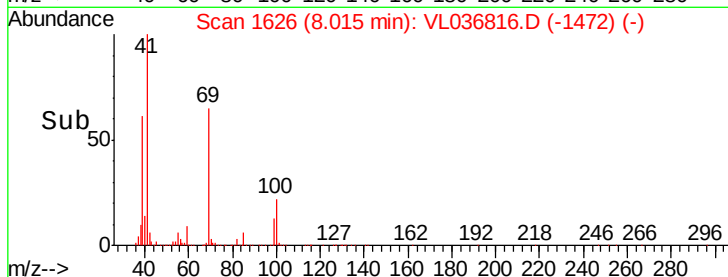
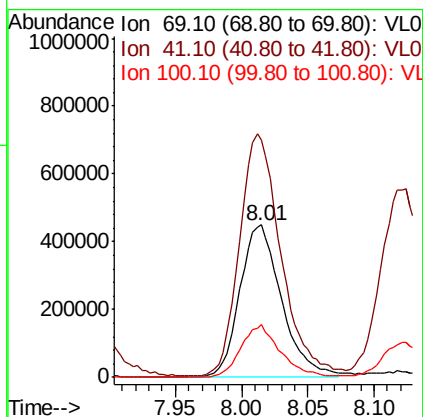
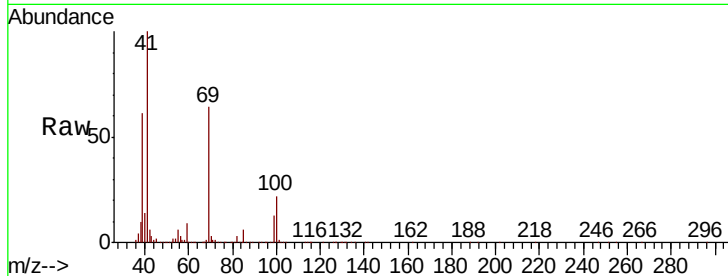
RT: 8.01 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File:

Acq: 14 Apr 2021 00:38

Tot Ion	Ratio	Lower	Upper
69	100		
41	160.4	126.8	190.2
100	32.9	24.9	37.3



#44

2,2,4-Trimethylpentane

Concen: 8.212 ppbv

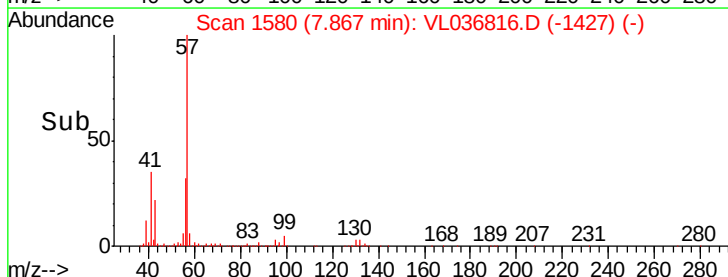
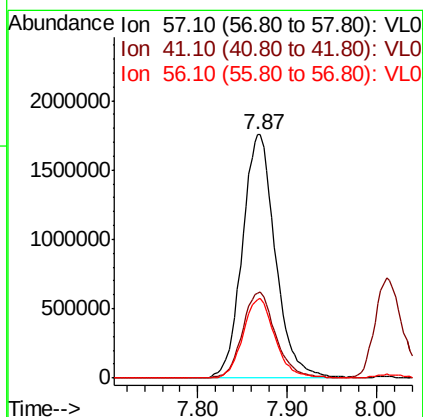
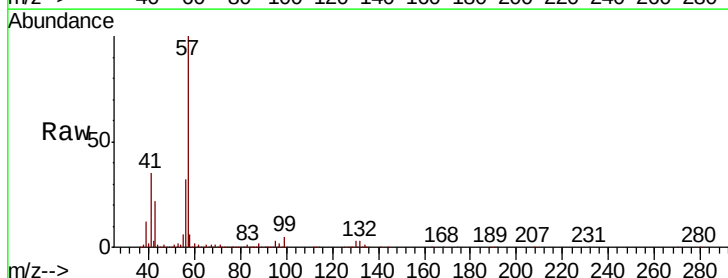
RT: 7.87 min Scan# 1580

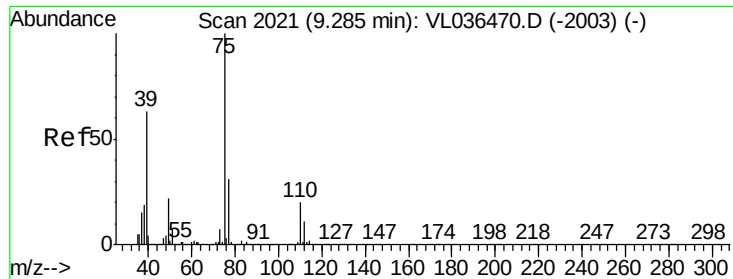
Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

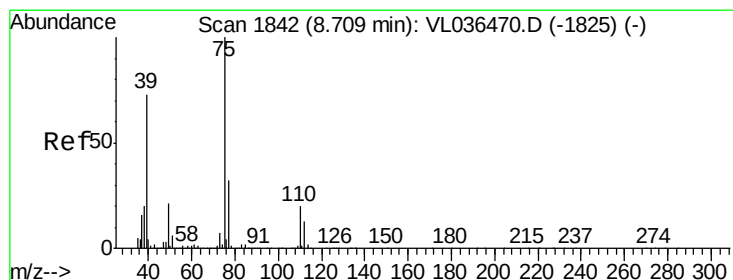
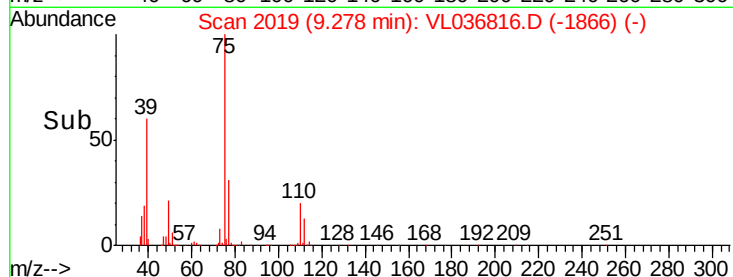
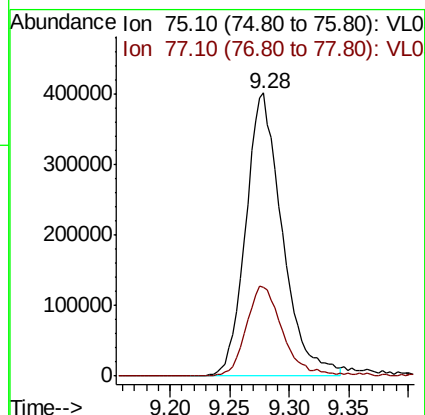
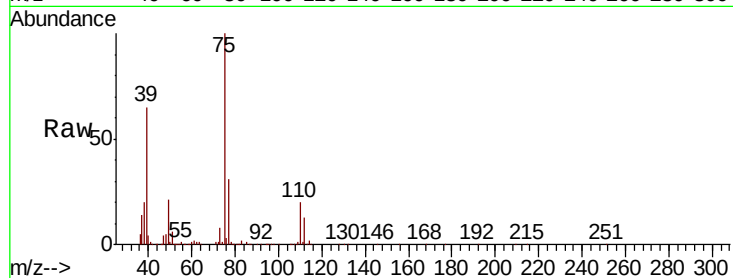
Tgt Ion	Ratio	Lower	Upper
57	100		
41	35.6	28.8	43.2
56	31.9	26.1	39.1





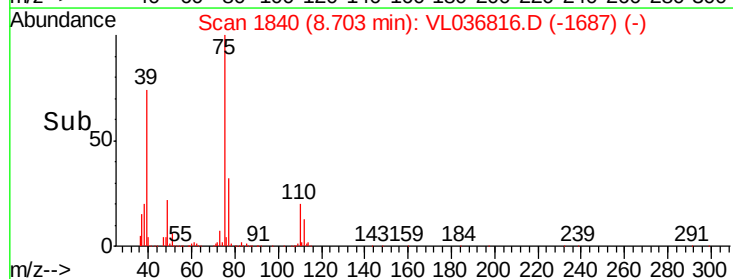
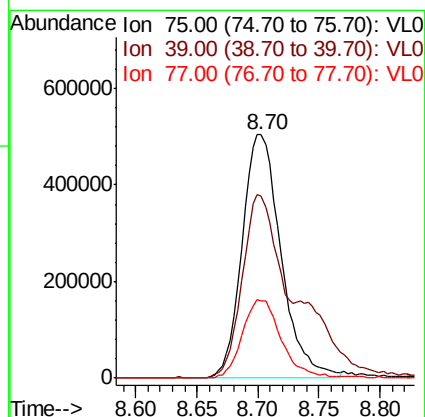
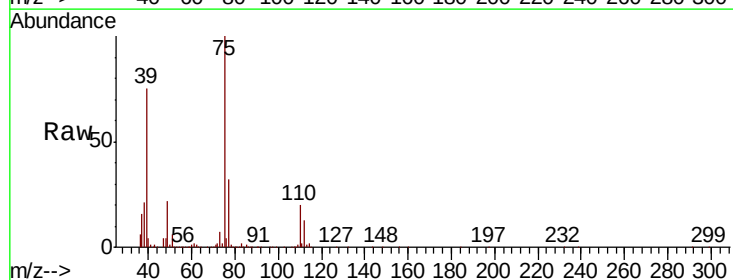
#45
t-1,3-Dichloropropene
Concen: 7.097 ppbv
RT: 9.28 Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

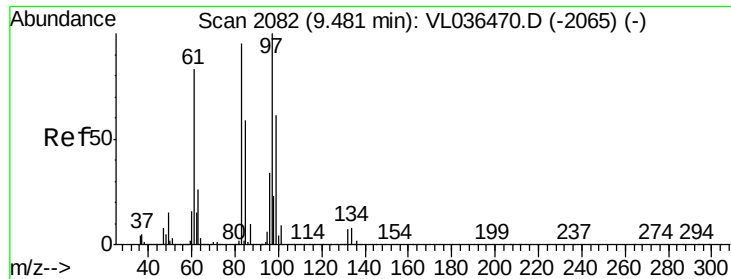
Tot Ion: 75 Resp: 849794
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#46
cis-1,3-Dichloropropene
Concen: 7.246 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

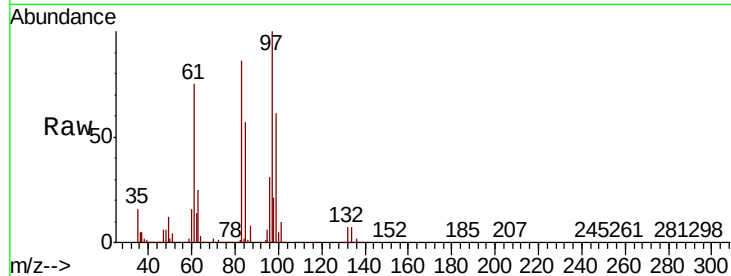
Tgt Ion: 75 Resp: 1109131
Ion Ratio Lower Upper
75 100
39 74.6 58.2 87.2
77 31.8 25.2 37.8





#47
 1,1,2-Trichloroethane
 Concen: 8.241 ppbv
 RT: 9.48 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Apr 2021 00:38

Tot Ion:	97	Resp:	1057424
Ion	Ratio	Lower	Upper
97	100		
83	86.4	75.8	113.8
85	57.1	47.1	70.7
99	61.5	49.2	73.8



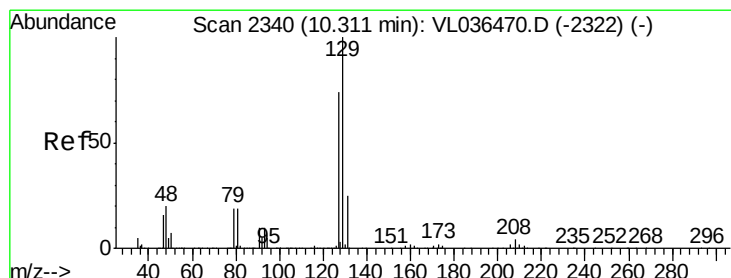
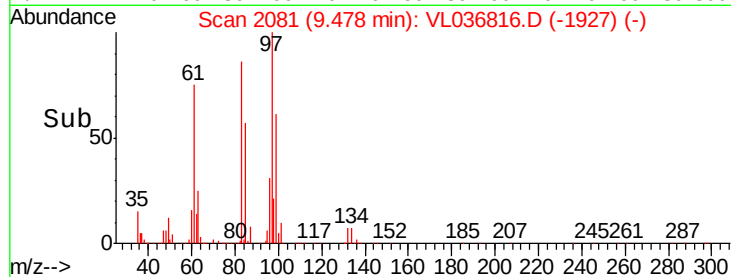
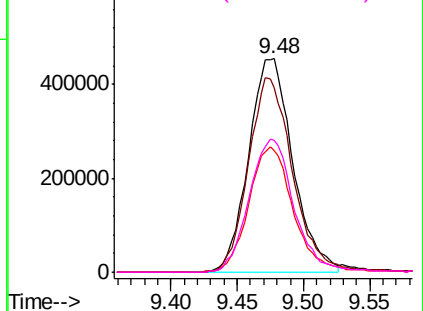
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

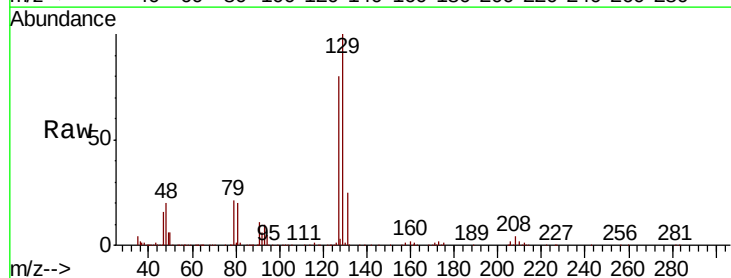
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.222 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T.: -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

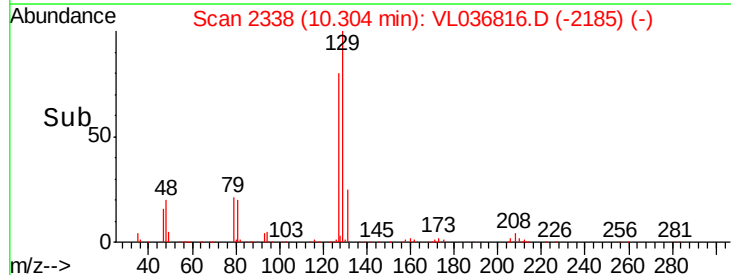
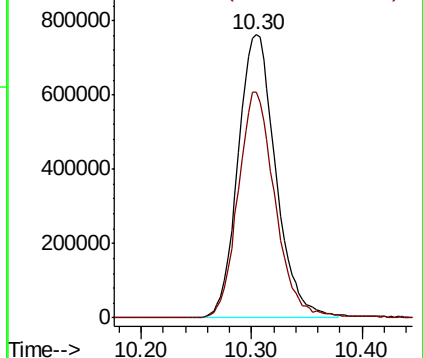
Tgt Ion:	129	Resp:	1803820
Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.6	118.8

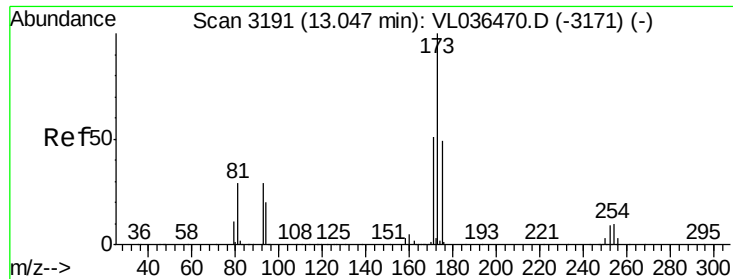


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.427 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File:

Acq: 14 Apr 2021 00:38

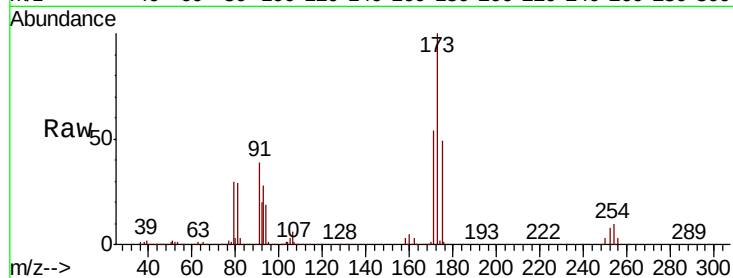
Tot Ion: 173 Resp: 1485716

Ion Ratio Lower Upper

173 100

175 50.5 39.6 59.4

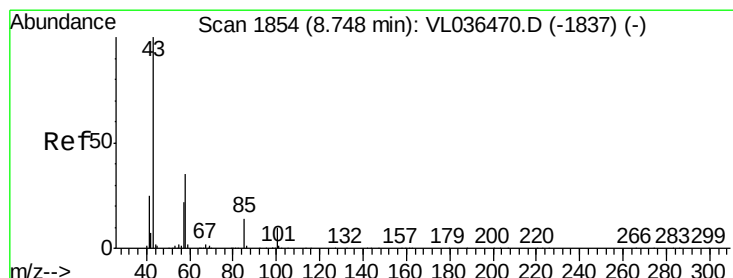
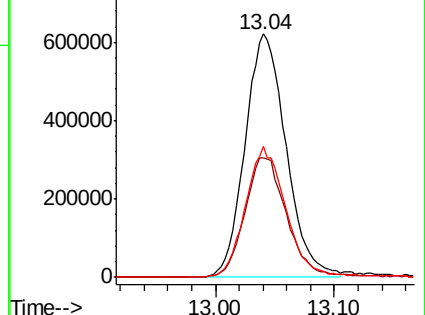
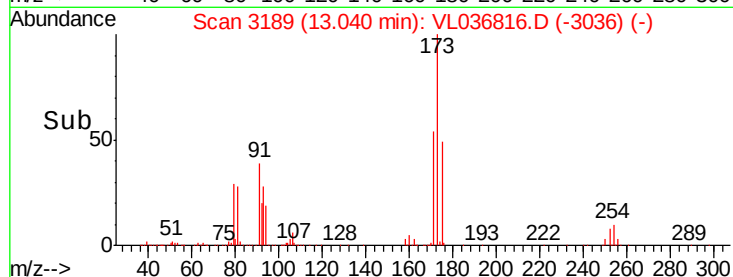
171 53.4 41.4 62.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 7.969 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VL036816.D

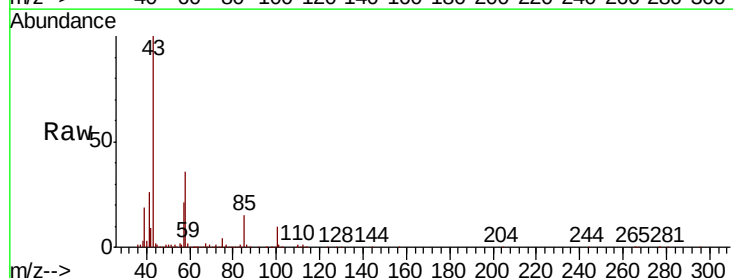
Acq: 14 Apr 2021 00:38

Tgt Ion: 43 Resp: 1905840

Ion Ratio Lower Upper

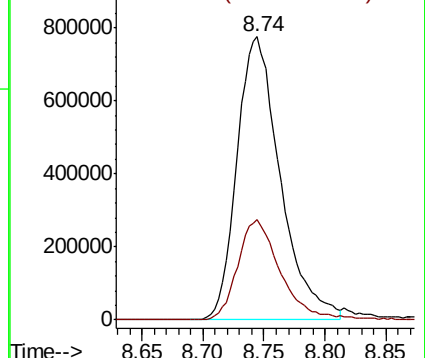
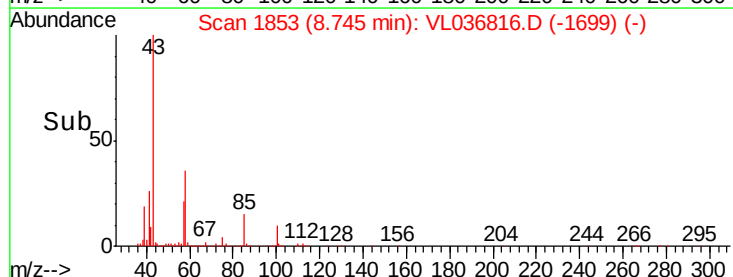
43 100

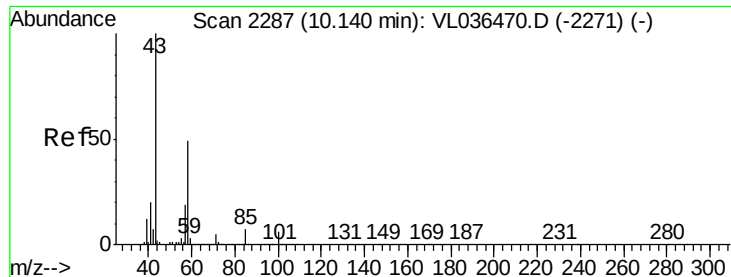
58 35.5 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

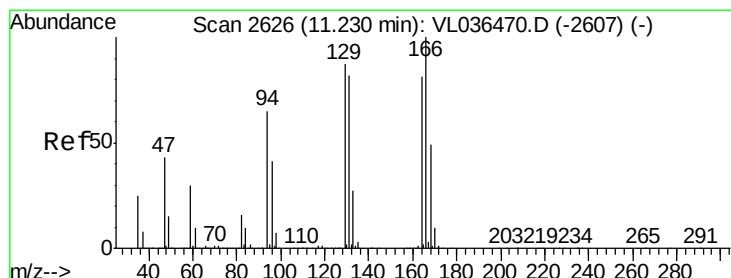
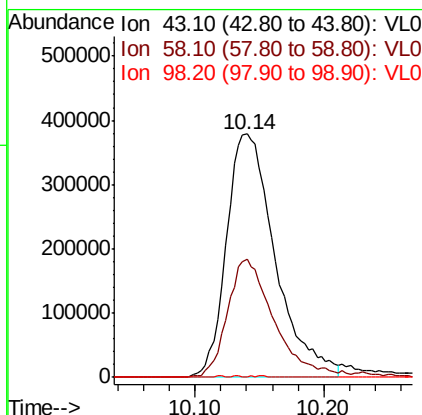
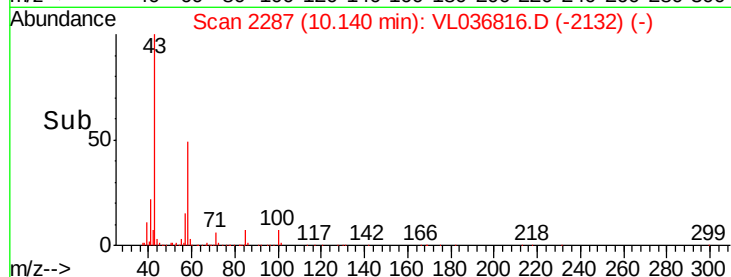
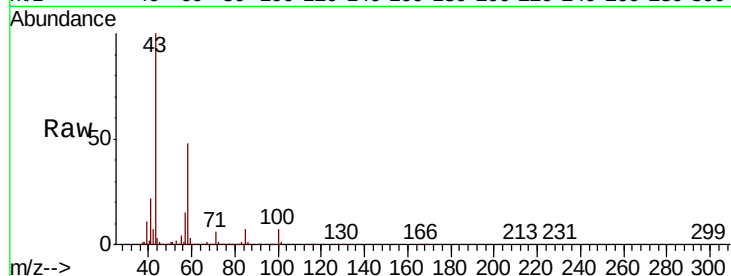
Ion 58.10 (57.80 to 58.80): VL0





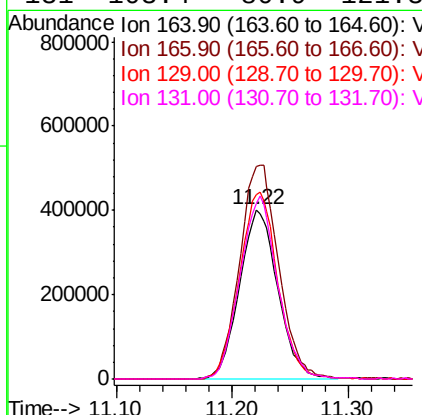
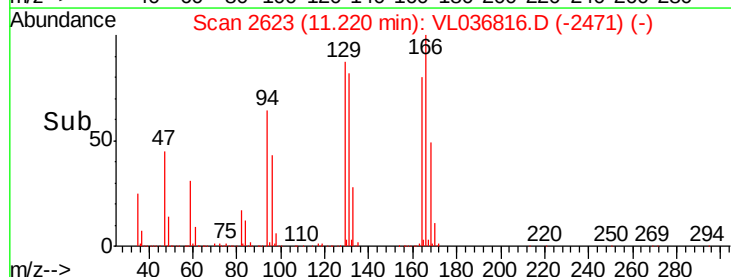
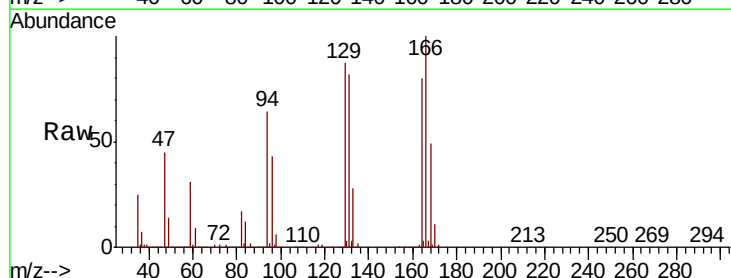
#51
 2-Hexanone
 Concen: 8.182 ppbv
 RT: 10.14 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

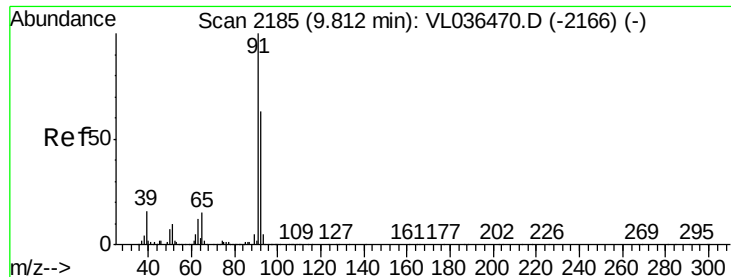
Tot Ion: 43 Resp: 987461
 Ion Ratio Lower Upper
 43 100
 58 47.9 37.7 56.5
 98 0.9 0.2 0.2#



#52
 Tetrachloroethene
 Concen: 7.971 ppbv
 RT: 11.22 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 164 Resp: 916676
 Ion Ratio Lower Upper
 164 100
 166 125.4 98.3 147.5
 129 109.0 85.8 128.8
 131 103.4 80.9 121.3





#53

Toluene

Concen: 9.000 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

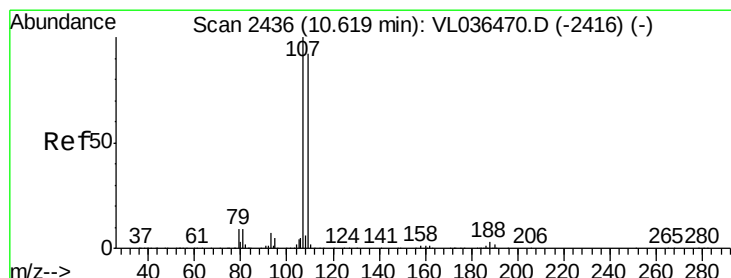
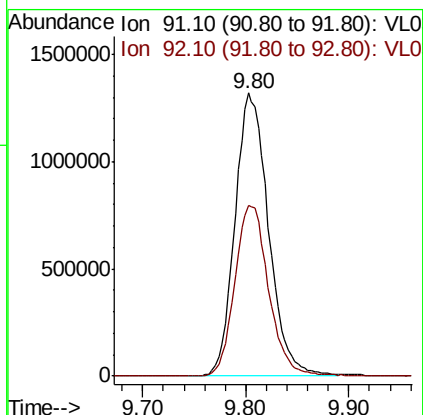
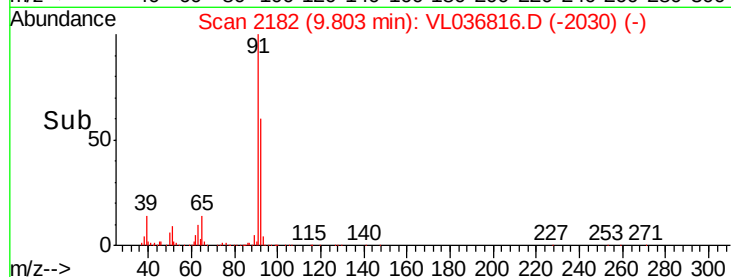
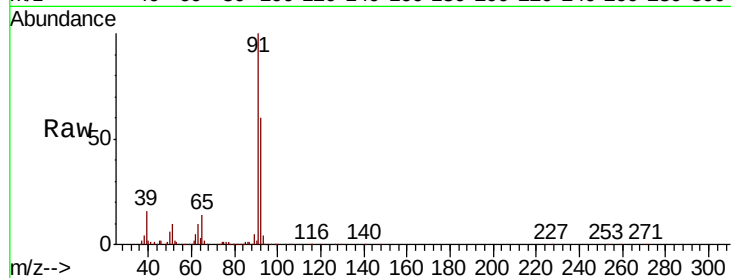
Acq: 14 Apr 2021 00:38

Tot Ion: 91 Resp: 2993081

Ion Ratio Lower Upper

91 100

92 61.0 48.8 73.2



#54

1,2-Dibromoethane

Concen: 8.547 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL036816.D

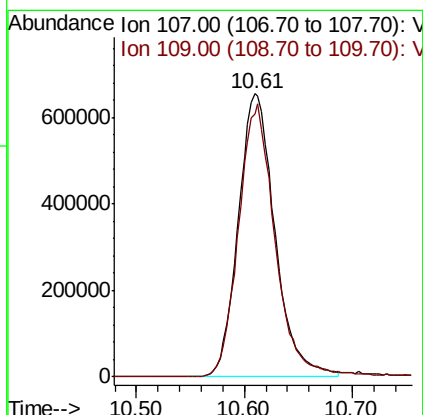
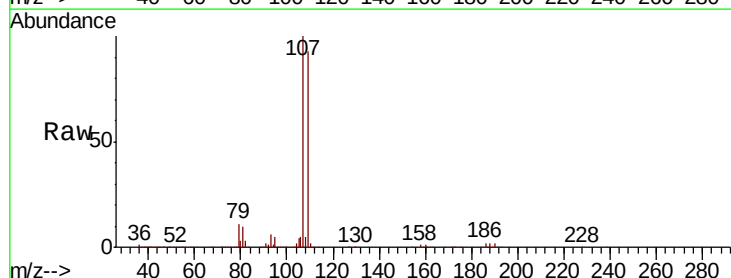
Acq: 14 Apr 2021 00:38

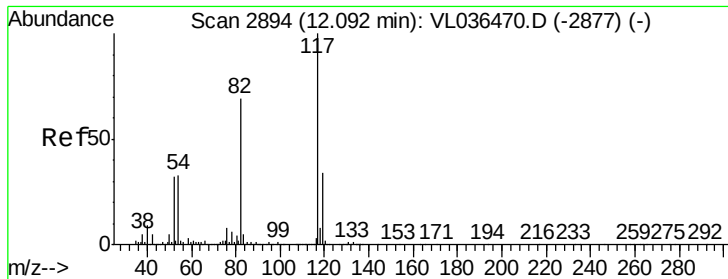
Tgt Ion: 107 Resp: 1548766

Ion Ratio Lower Upper

107 100

109 92.8 73.9 110.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38

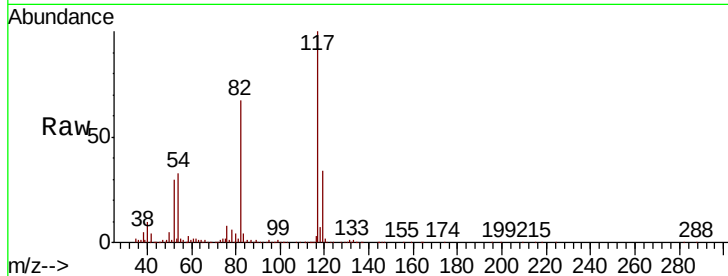
Tot Ion:117 Resp: 3487440

Ion Ratio Lower Upper

117 100

82 53.3 57.4 86.0#

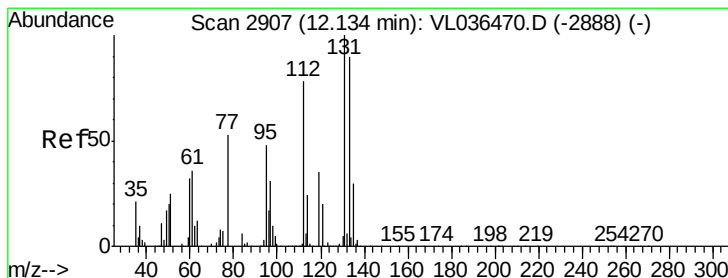
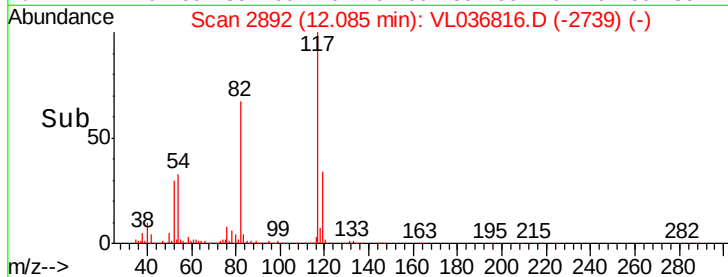
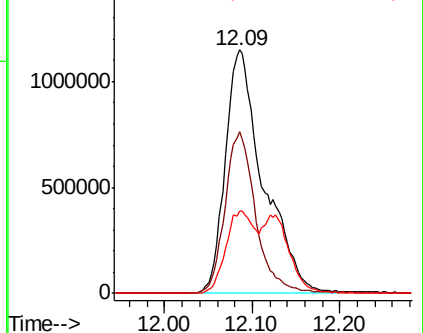
119 22.8 47.4 71.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 7.927 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

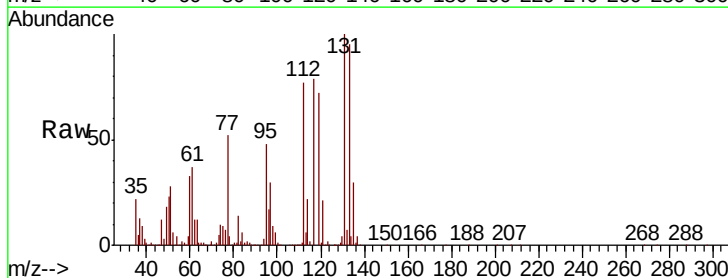
Tgt Ion:131 Resp: 1250362

Ion Ratio Lower Upper

131 100

133 96.3 75.8 113.6

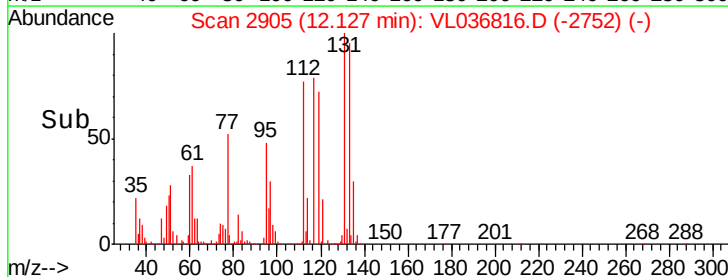
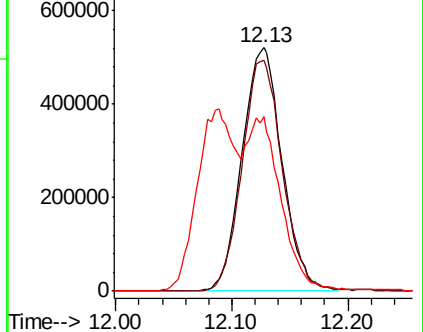
119 71.6 48.7 73.1

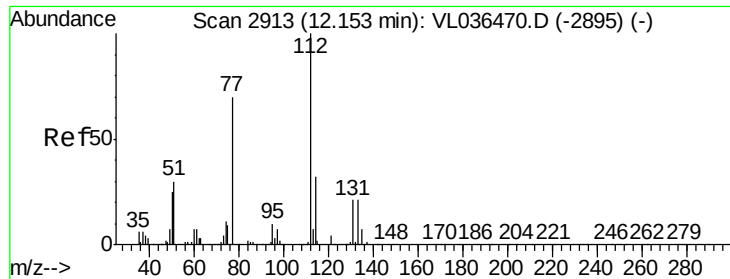


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 7.568 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File:

Acq: 14 Apr 2021 00:38

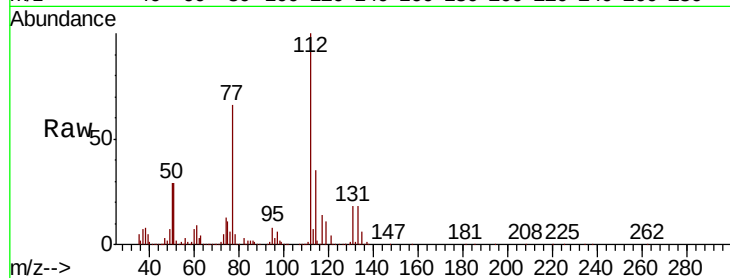
Tot Ion: 112 Resp: 2245618

Ion Ratio Lower Upper

112 100

77 65.5 56.0 84.0

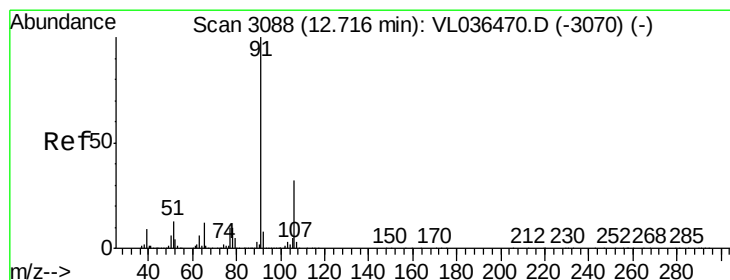
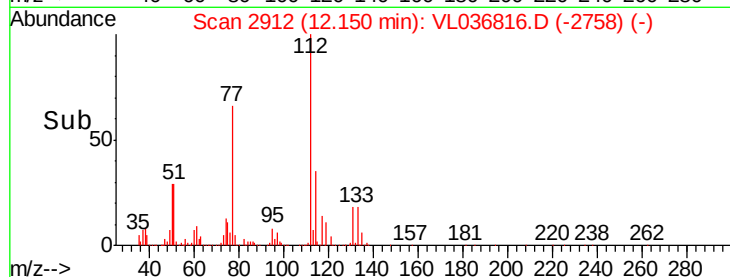
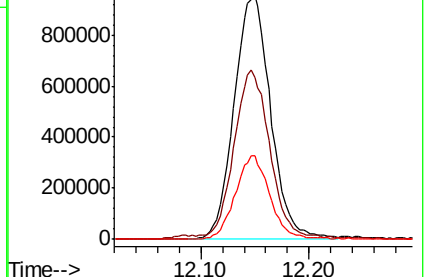
114 34.4 29.0 35.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.891 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036816.D

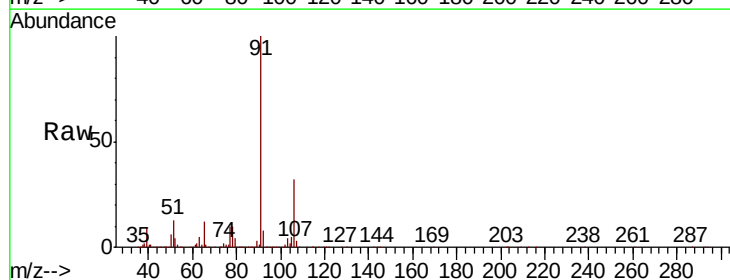
Acq: 14 Apr 2021 00:38

Tgt Ion: 91 Resp: 4003873

Ion Ratio Lower Upper

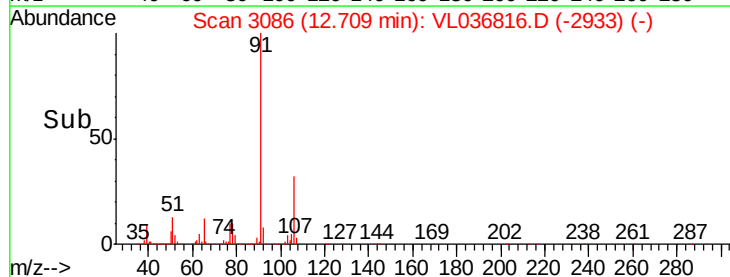
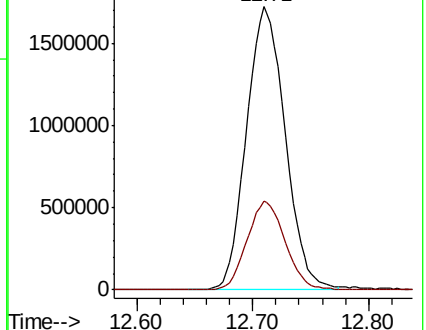
91 100

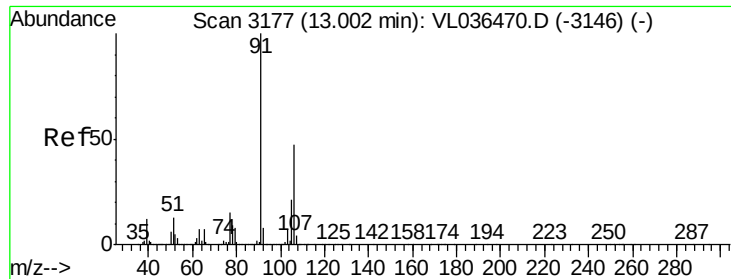
106 31.5 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

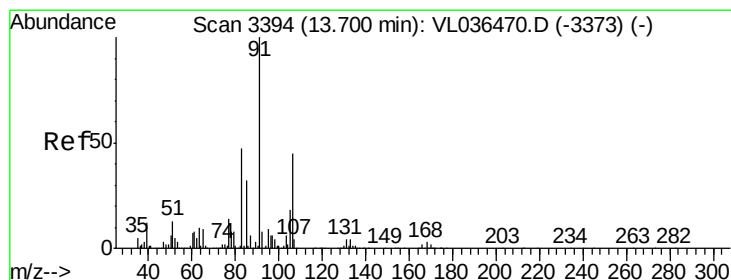
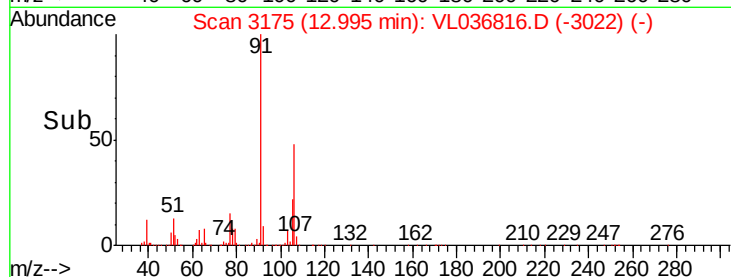
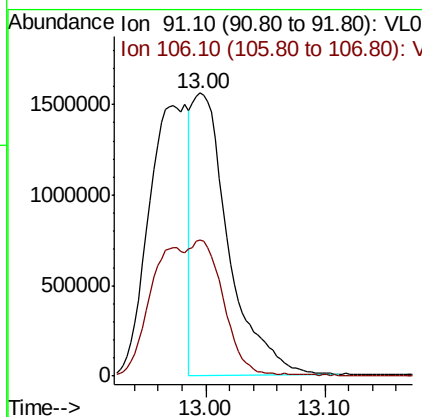
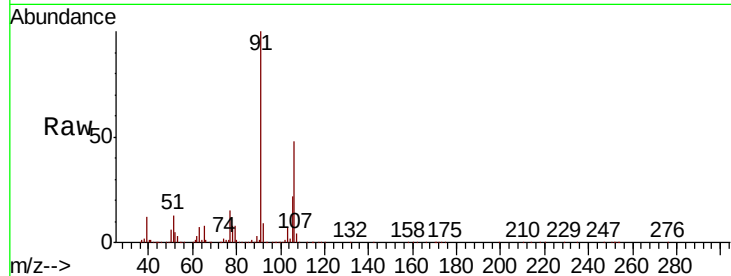
Ion 106.10 (105.80 to 106.80): V





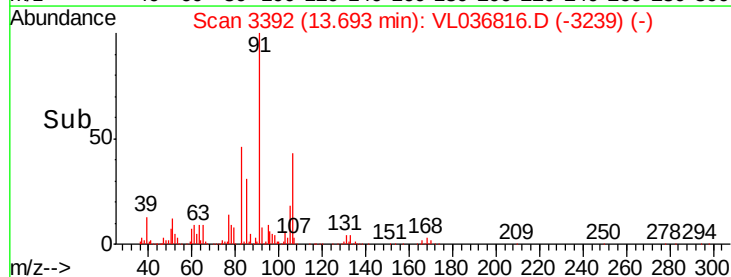
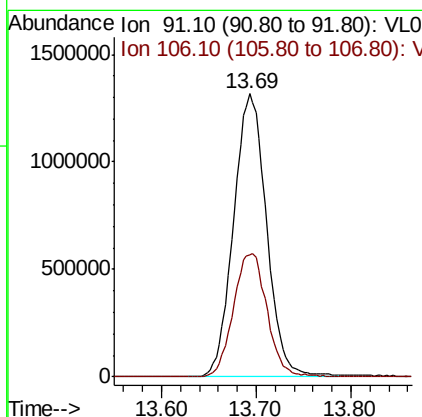
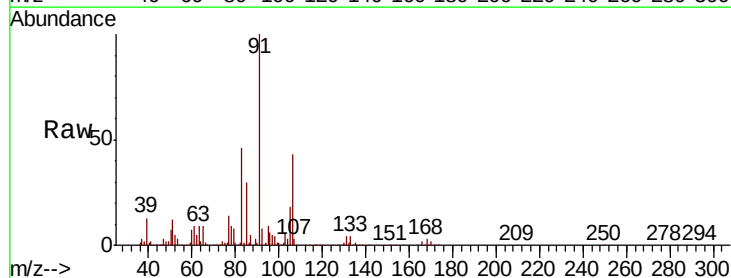
#59
m/p-Xylene
Concen: 7.481 ppbv
RT: 13.00 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

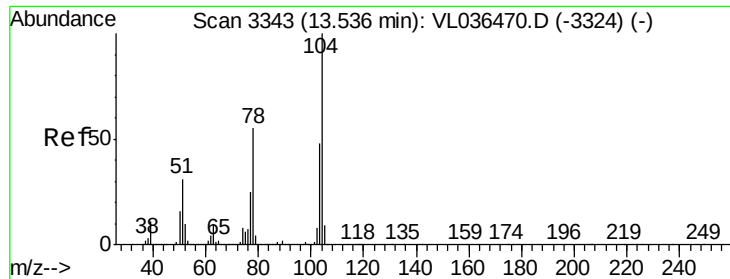
Tot Ion: 91 Resp: 3310445
Ion Ratio Lower Upper
91 100
106 90.9 35.3 52.9#



#60
o-Xylene
Concen: 7.441 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 91 Resp: 3184071
Ion Ratio Lower Upper
91 100
106 44.8 22.3 66.9

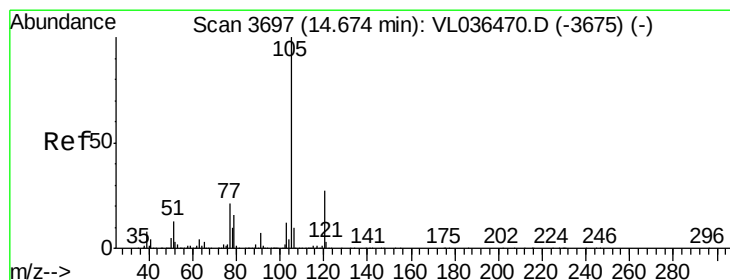
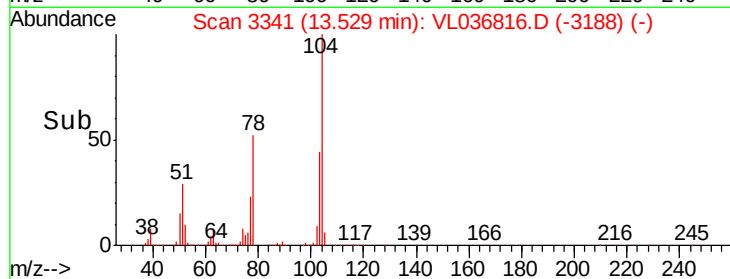
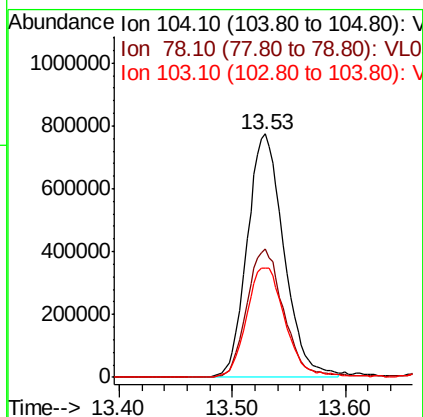
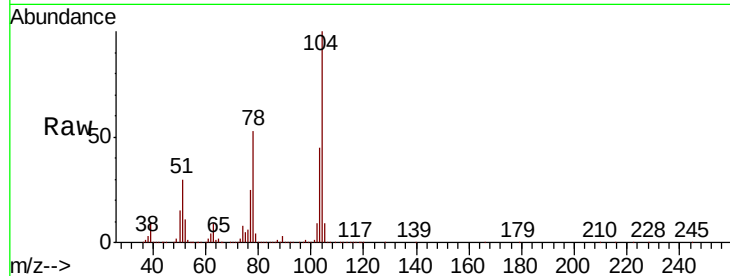




#61
Stvrene
Concen: 8.116 ppbv
RT: 13.53 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Apr 2021 00:38

Tot Ion:104 Resp: 1747254

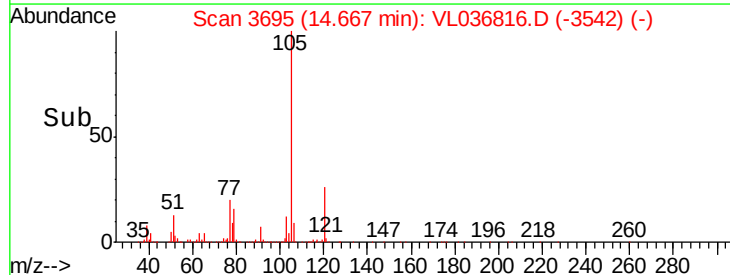
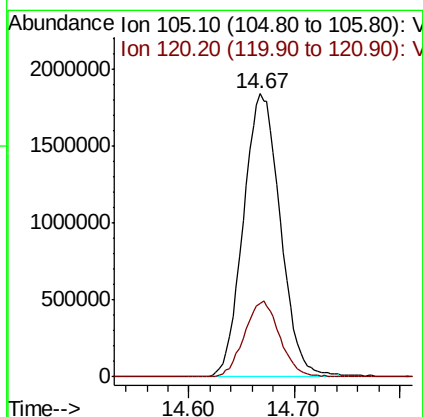
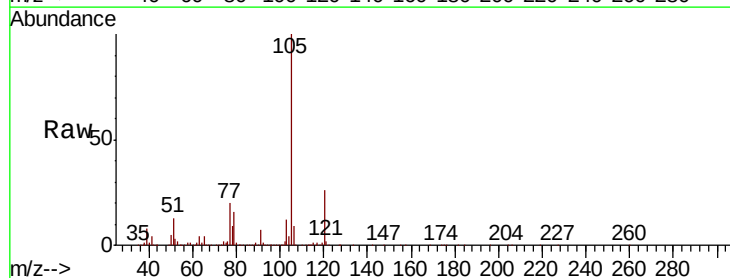
Ion	Ratio	Lower	Upper
104	100		
78	53.5	43.8	65.8
103	47.7	38.3	57.5

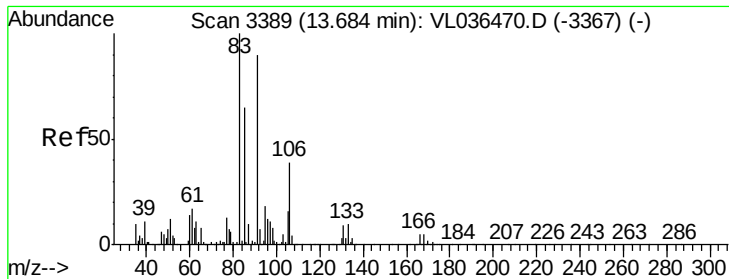


#62
Isopropylbenzene
Concen: 7.796 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion:105 Resp: 4492583

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.6	31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 7.023 ppbv

RT: 13.68 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2021 00:38

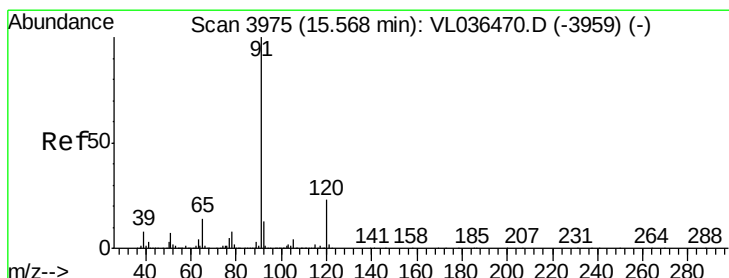
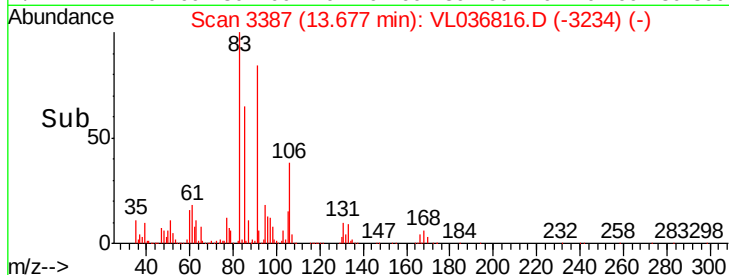
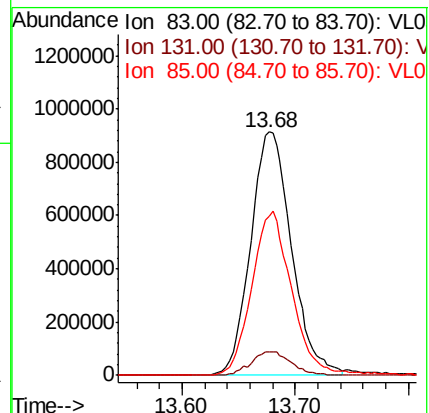
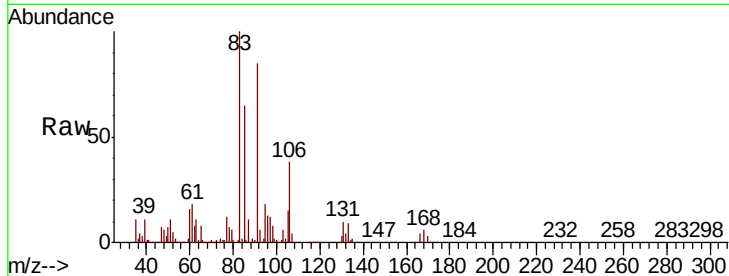
Tot Ion: 83 Resp: 2292519

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

85 66.6 33.1 99.3



#64

n-propylbenzene

Concen: 8.264 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. -0.00 min

Lab File: VL036816.D

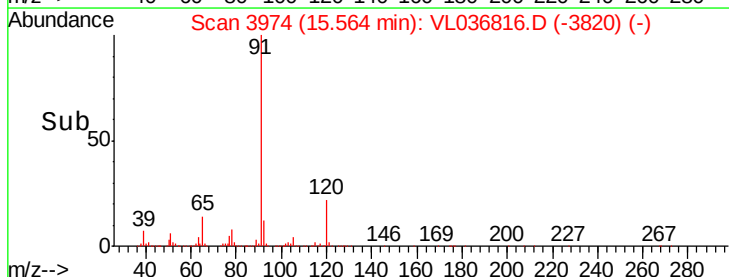
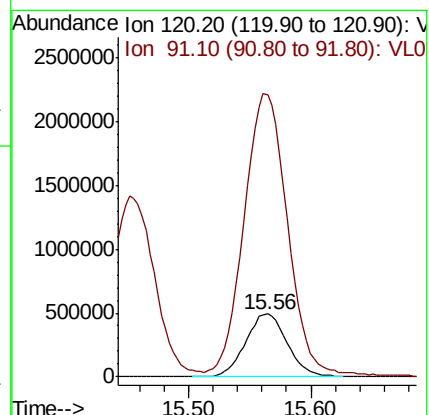
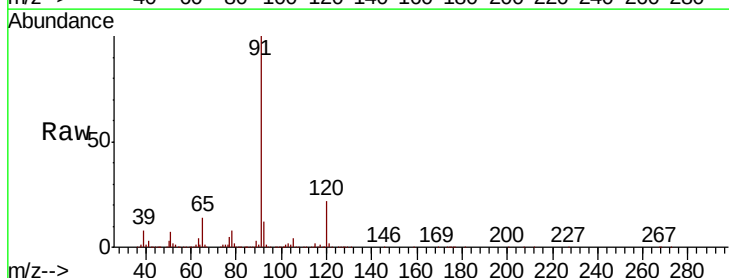
Acq: 14 Apr 2021 00:38

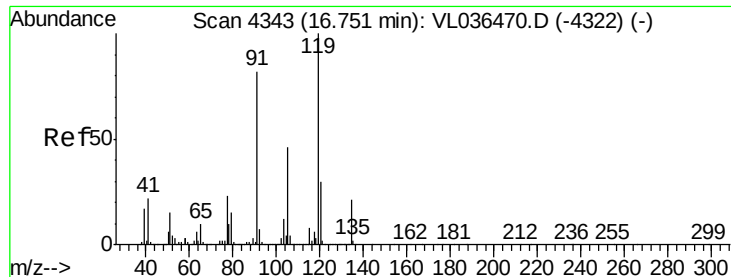
Tgt Ion: 120 Resp: 1164257

Ion Ratio Lower Upper

120 100

91 473.9 377.4 566.2

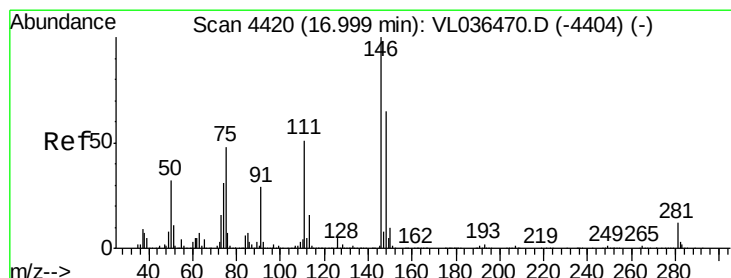
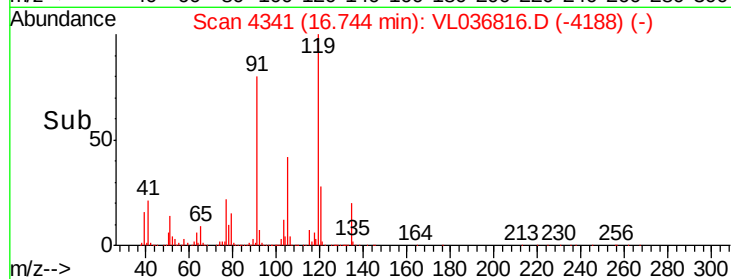
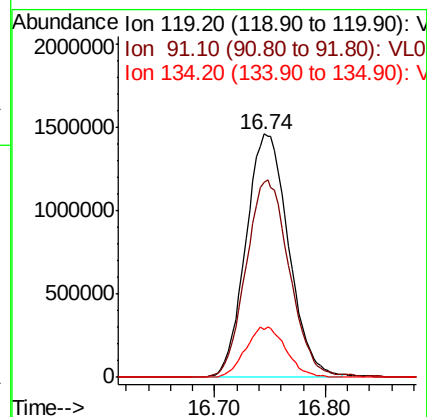
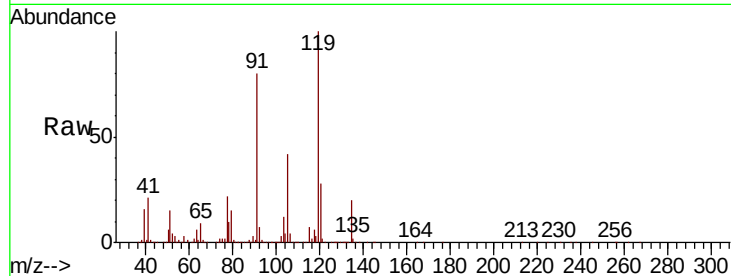




#65
 tert-Butylbenzene
 Concen: 7.837 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Apr 2021 00:38

Tot Ion: 119 Resp: 3915864

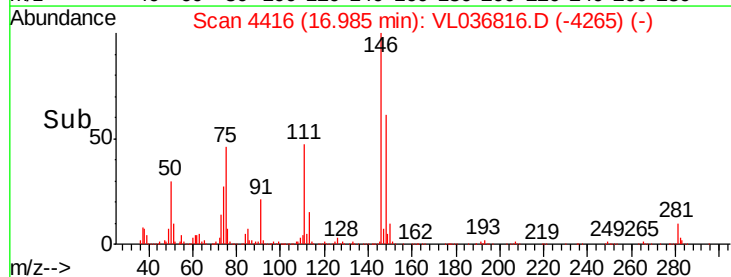
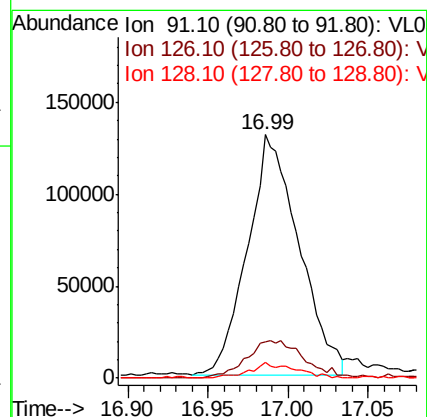
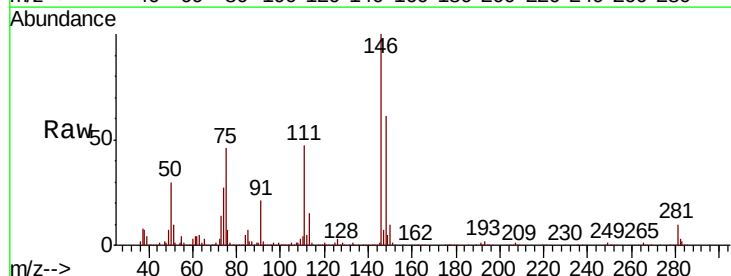
Ion	Ratio	Lower	Upper
119	100		
91	82.9	67.5	101.3
134	19.7	15.8	23.8

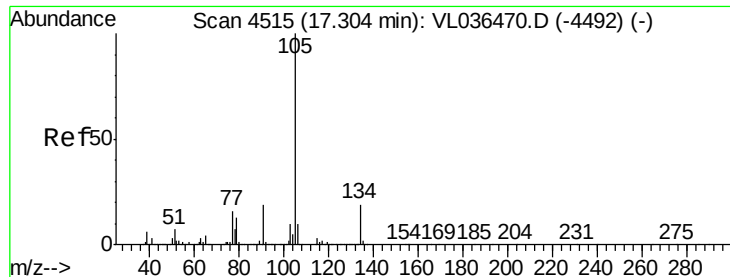


#66
 Benzyl Chloride
 Concen: 5.208 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 91 Resp: 287624

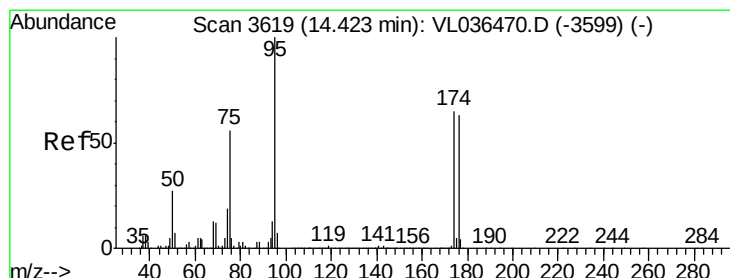
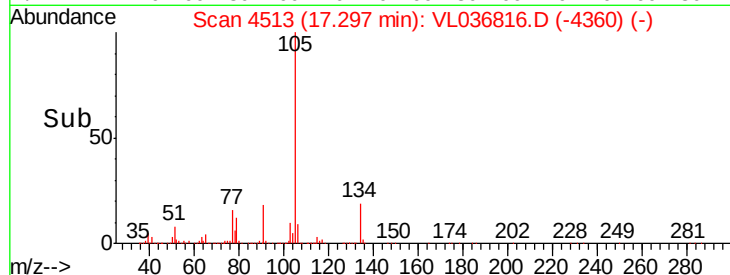
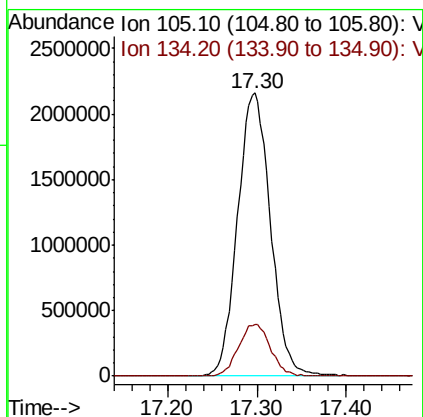
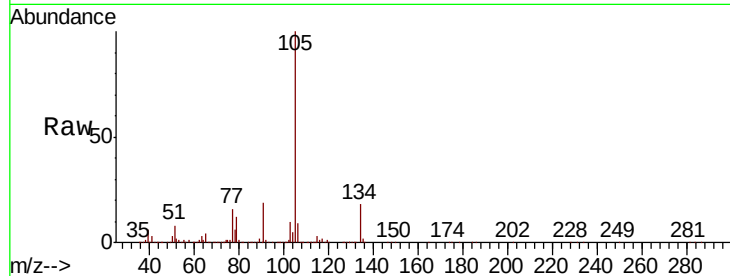
Ion	Ratio	Lower	Upper
91	100		
126	18.3	13.5	20.3
128	6.6	4.2	6.4





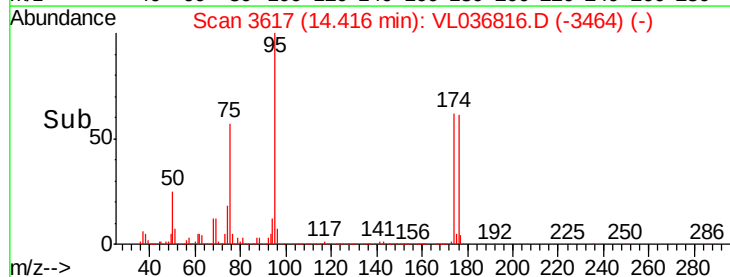
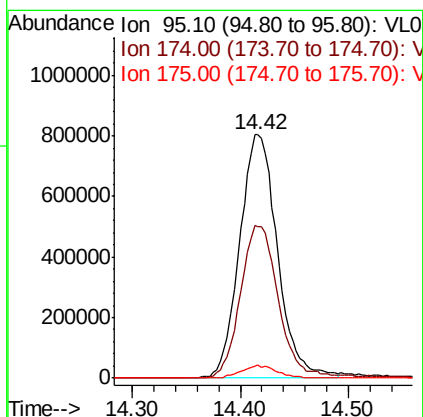
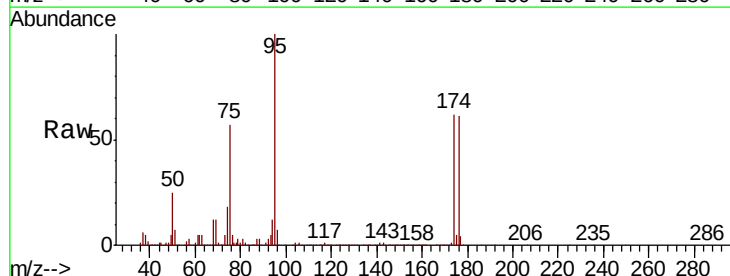
#67
 sec-Butylbenzene
 Concen: 7.808 ppbv
 RT: 17.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Apr 2021 00:38

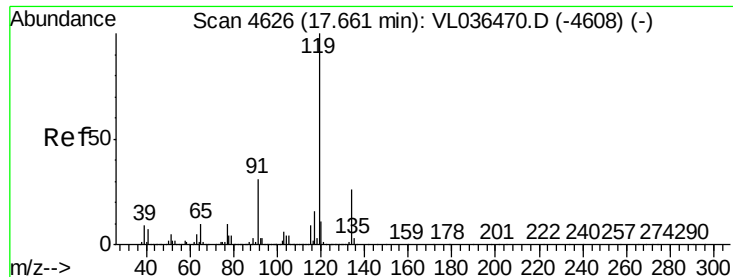
Tot Ion: 105 Resp: 5506846
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.067 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

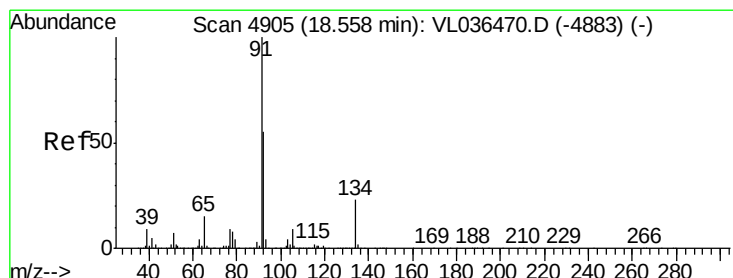
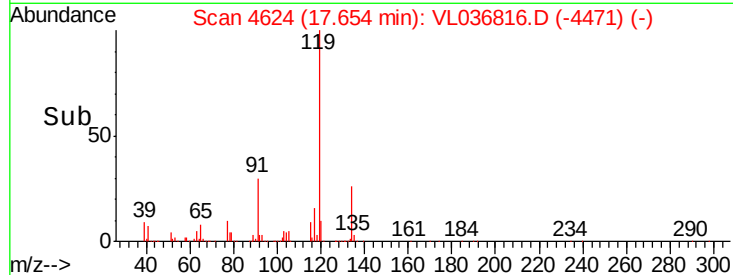
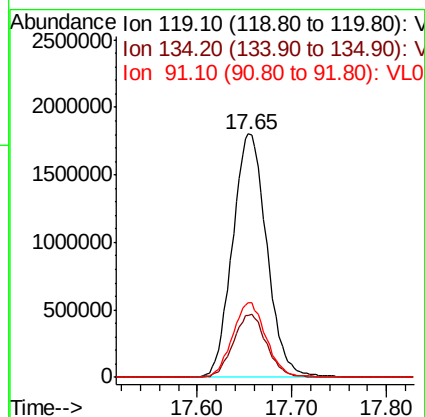
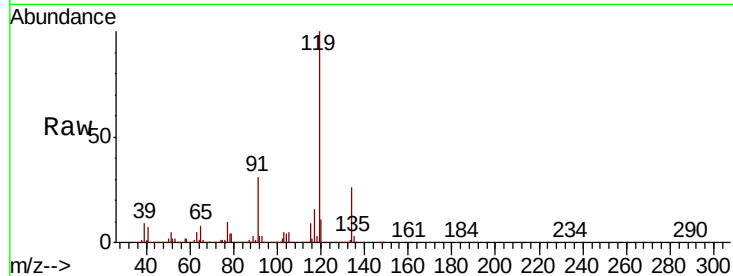
Tgt Ion: 95 Resp: 1964270
 Ion Ratio Lower Upper
 95 100
 174 64.5 51.0 76.6
 175 4.9 3.9 5.9





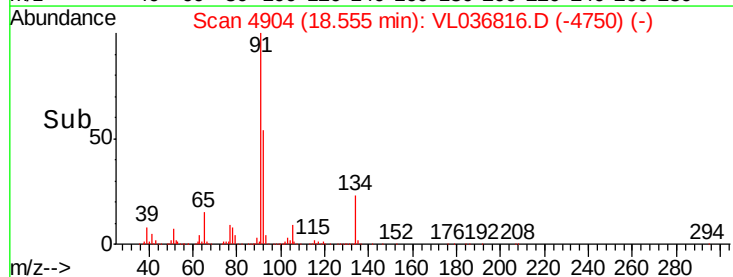
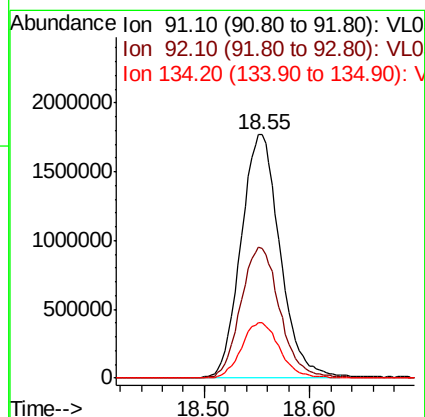
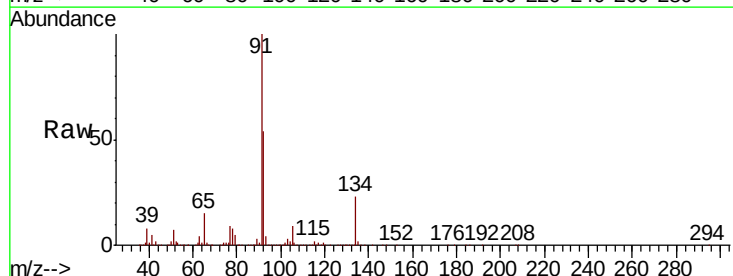
#69
 p-Isopropyltoluene
 Concen: 8.242 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Apr 2021 00:38

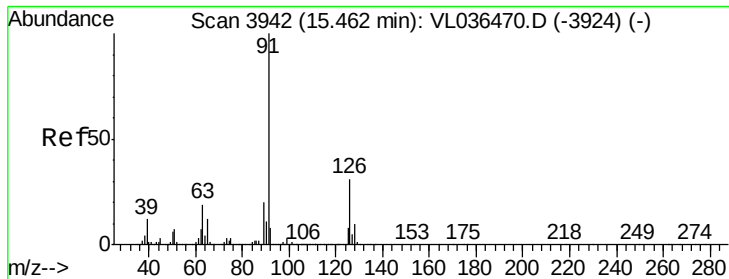
Tot Ion:	119	Resp:	4539520
Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	30.2	25.0	37.6



#70
 n-Butylbenzene
 Concen: 7.962 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

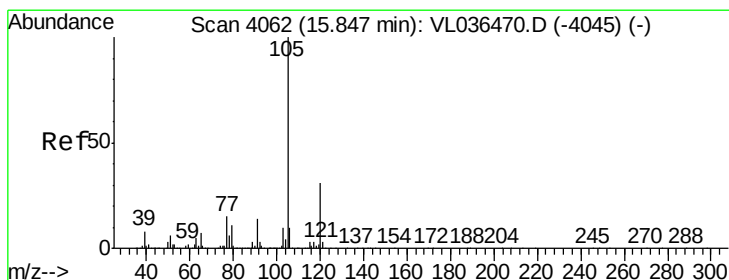
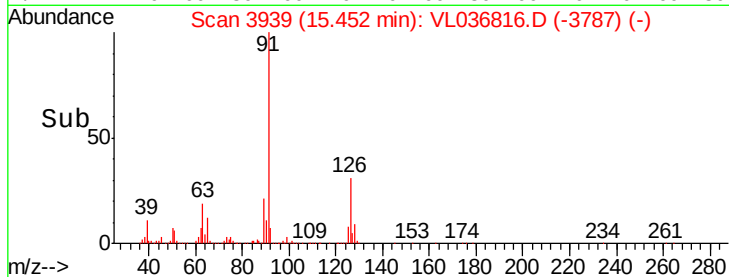
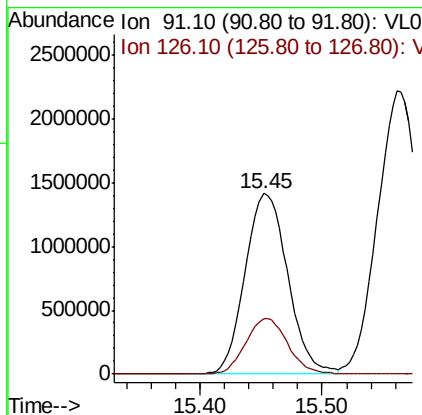
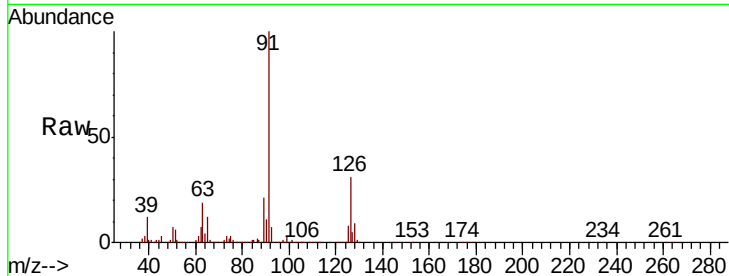
Tgt Ion:	91	Resp:	4546879
Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.8	65.8
134	22.4	18.0	27.0





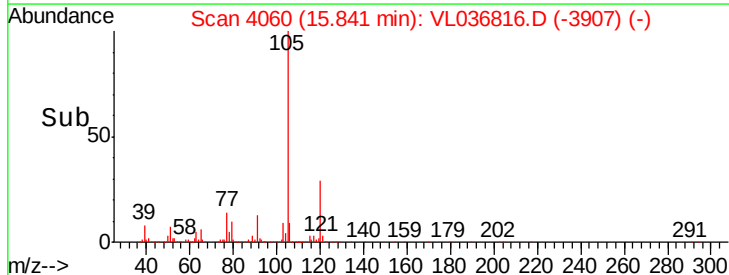
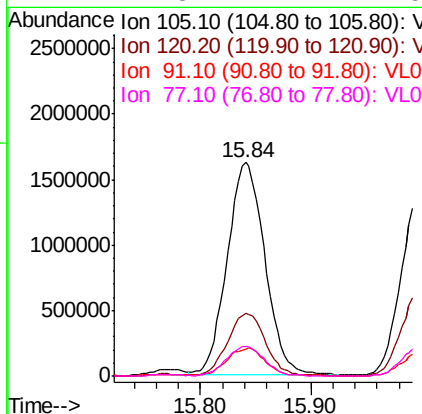
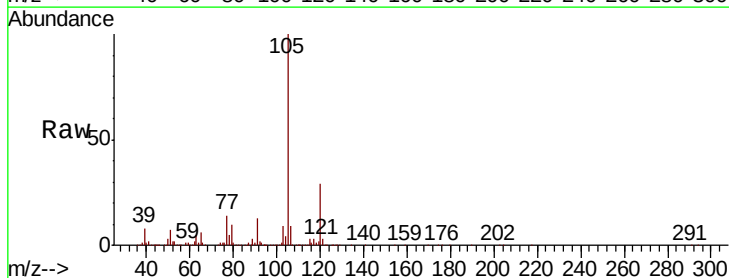
#71
 2-Chlorotoluene
 Concen: 7.938 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 14 Apr 2021 00:38

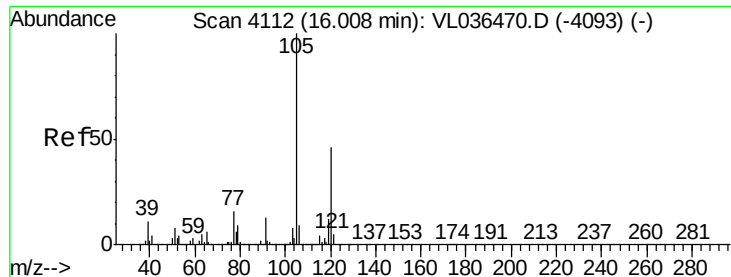
Tot Ion: 91 Resp: 3427585
 Ion Ratio Lower Upper
 91 100
 126 30.7 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 8.154 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion:105 Resp: 3823409
 Ion Ratio Lower Upper
 105 100
 120 30.1 24.0 36.0
 91 13.9 11.0 16.4
 77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.777 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

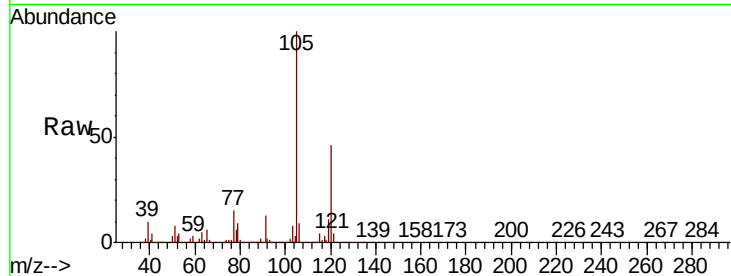
Acq: 14 Apr 2021 00:38

Tot Ion:105 Resp: 3403515

Ion Ratio Lower Upper

105 100

120 45.6 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

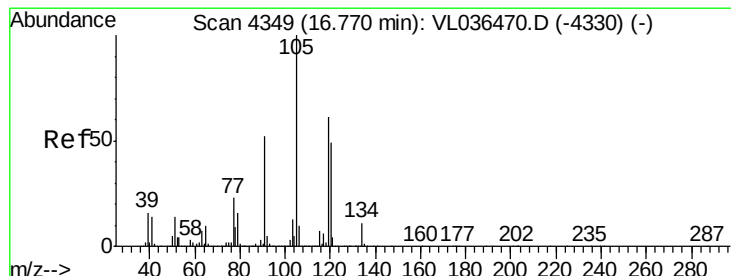
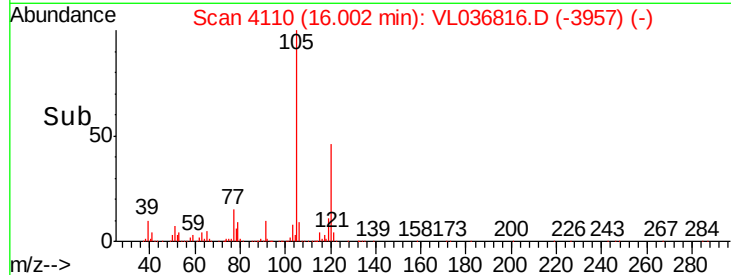
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.565 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.00 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion:105 Resp: 3542820

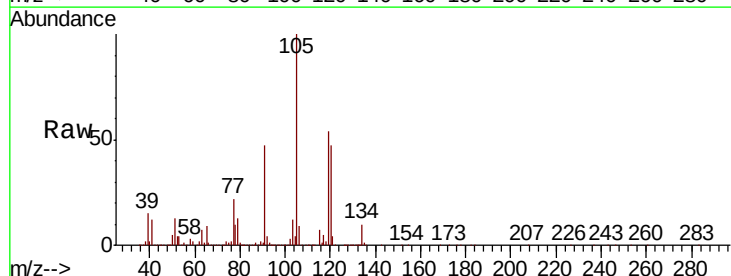
Ion Ratio Lower Upper

105 100

120 46.9 39.2 58.8

91 46.2 42.6 64.0

77 21.9 18.6 28.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2000000

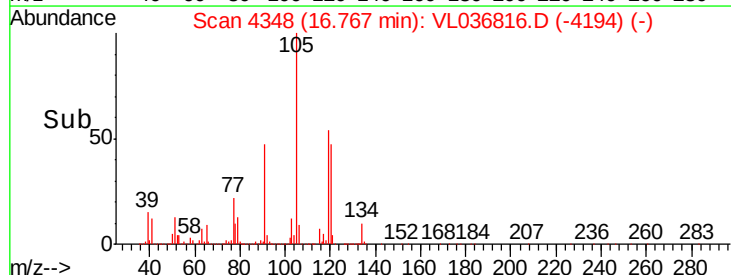
1500000

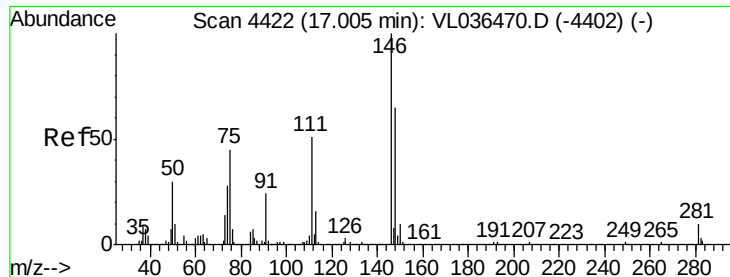
1000000

500000

0

Time-->

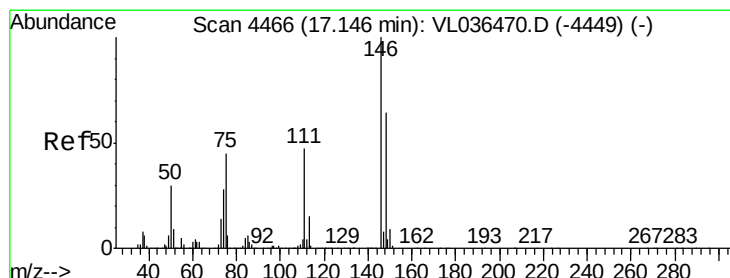
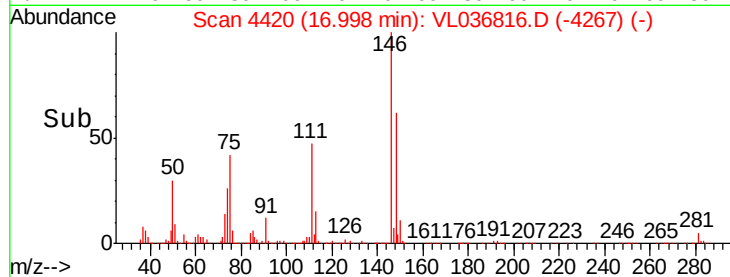
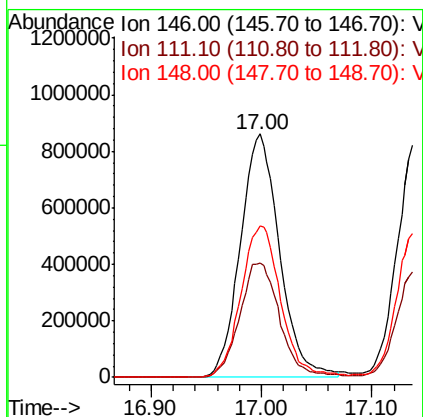
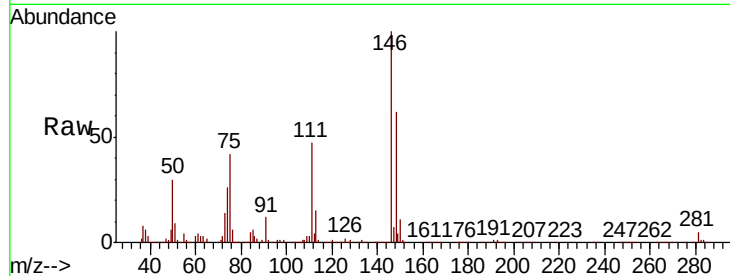




#75
 1,3-Dichlorobenzene
 Concen: 8.033 ppbv
 RT: 17.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

Tot Ion:146 Resp: 2117513

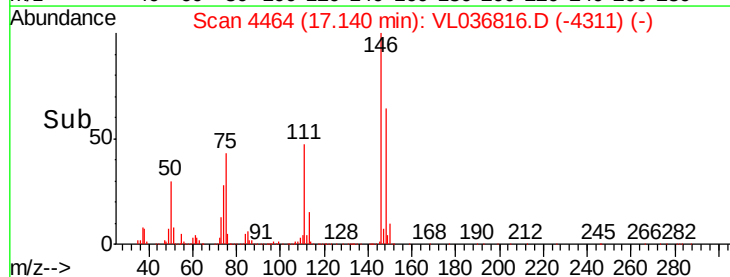
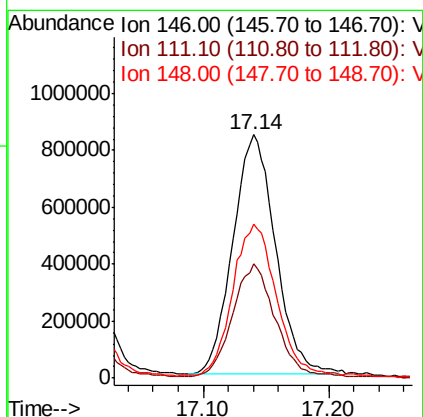
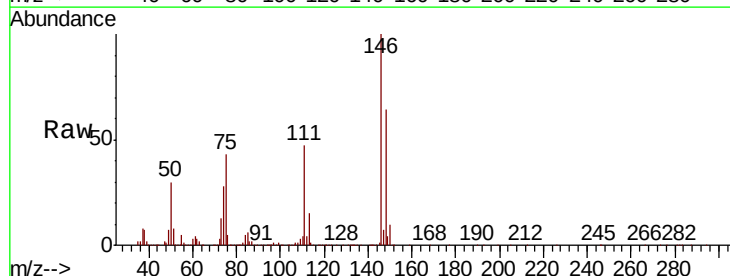
Ion	Ratio	Lower	Upper
146	100		
111	48.2	24.5	73.5
148	63.4	32.3	96.9

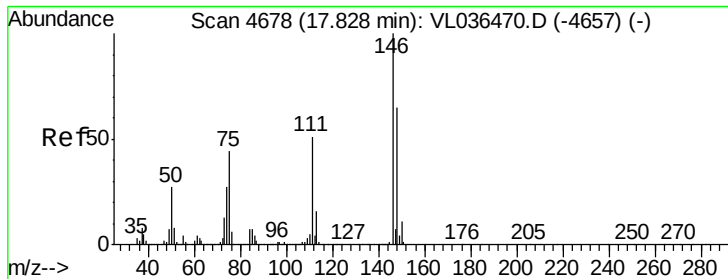


#76
 1,4-Dichlorobenzene
 Concen: 7.591 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion:146 Resp: 1986834

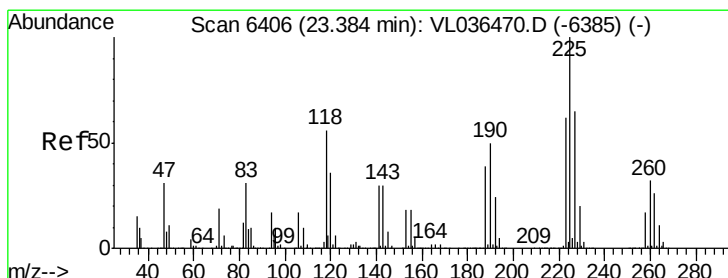
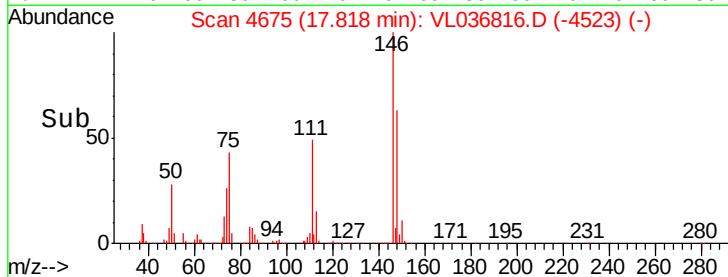
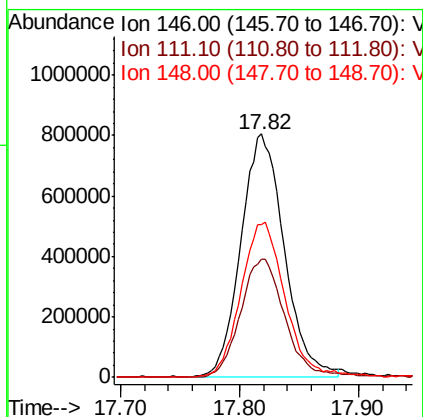
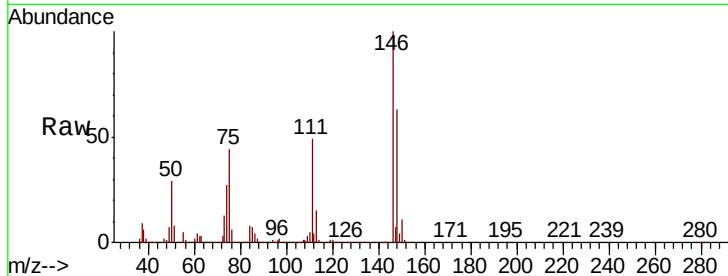
Ion	Ratio	Lower	Upper
146	100		
111	48.7	24.3	72.8
148	66.8	33.0	98.9





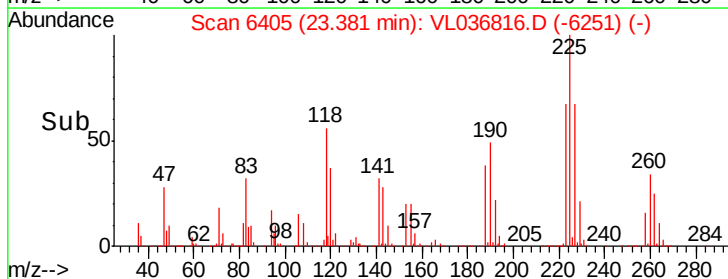
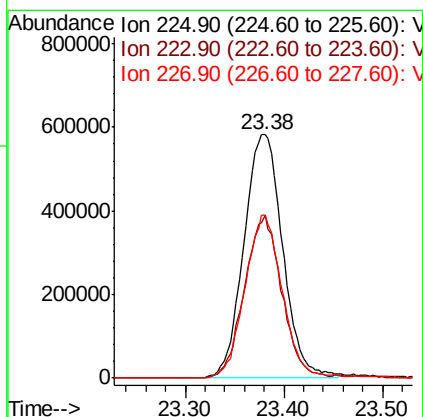
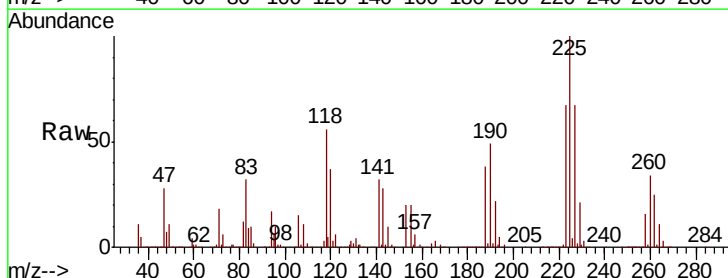
#77
 1,2-Dichlorobenzene
 Concen: 8.171 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

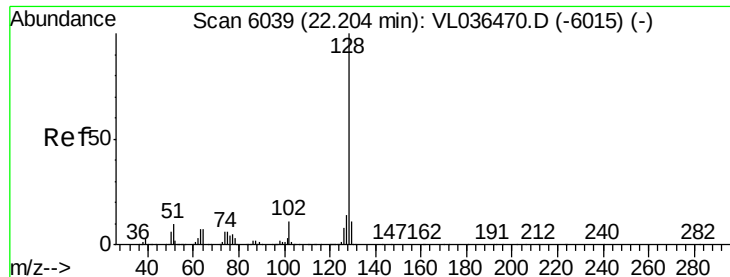
Tot Ion:146 Resp: 2024730
 Ion Ratio Lower Upper
 146 100
 111 49.8 25.5 76.5
 148 64.8 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.140 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T. -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion:225 Resp: 1584472
 Ion Ratio Lower Upper
 225 100
 223 64.9 50.6 75.8
 227 65.2 52.2 78.2





#79

Naphthalene

Concen: 8.520 ppbv

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2021 00:38

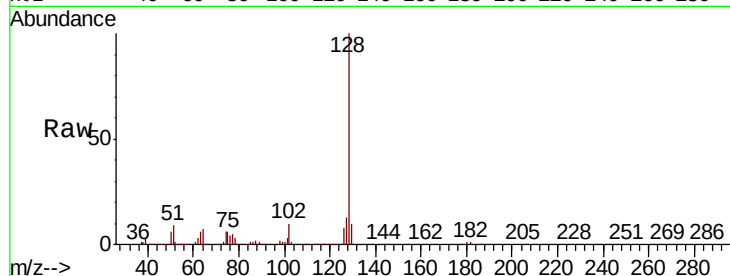
Tot Ion:128 Resp: 2328355

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.9	16.3
129	10.5	9.0	13.4

128 100

127 12.6 10.9 16.3

129 10.5 9.0 13.4

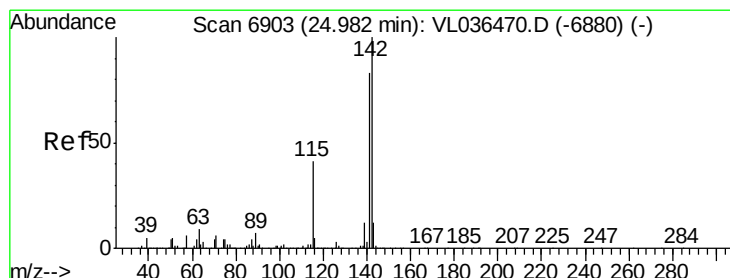
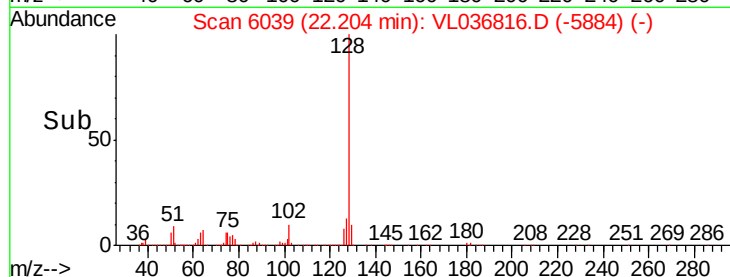
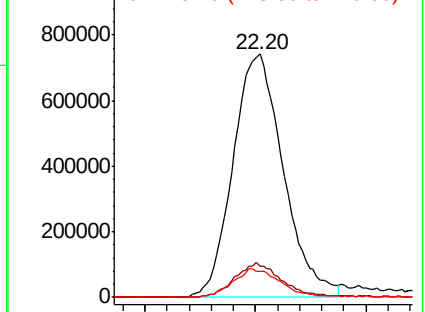


Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 7.086 ppbv

RT: 24.98 min Scan# 6902

Delta R.T. -0.00 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

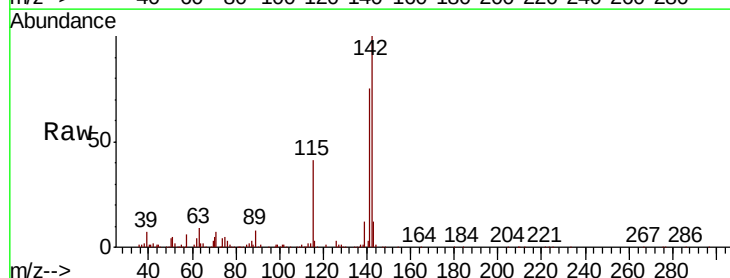
Tgt Ion:142 Resp: 381840

Ion	Ratio	Lower	Upper
142	100		
141	86.0	67.8	101.8
115	43.6	34.0	51.0

142 100

141 86.0 67.8 101.8

115 43.6 34.0 51.0

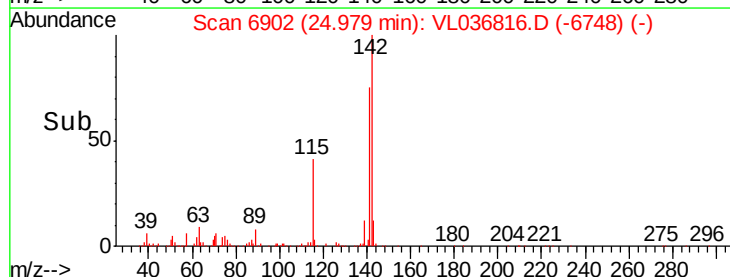
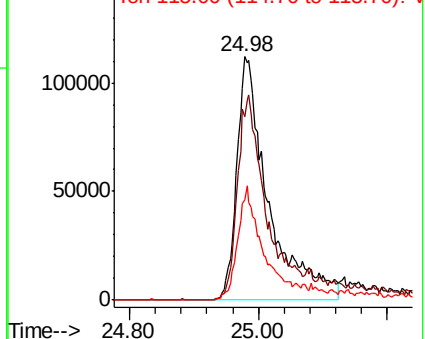


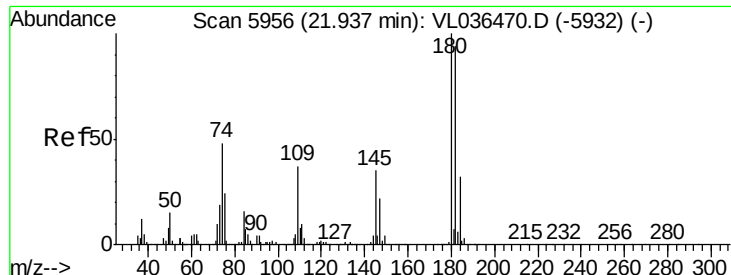
Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.449 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2021 00:38

Tot Ion:	180	Resp:	1425589
Ion	Ratio	Lower	Upper
180	100		
182	99.0	80.8	121.2
184	31.2	25.0	37.4

