

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022422\
 Data File : VL038433.D
 Acq On : 24 Feb 2022 13:16
 Operator : SY/AP
 Sample : VL0224ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Quant Time: Feb 25 00:42:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	852837	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2082812	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	2047236	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1615721	9.54	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1191512	8.82	ppbv	97
3) Chlorodifluoromethane	2.97	51	1491050	9.90	ppbv	99
4) Chloromethane	3.12	50	507276	9.69	ppbv	100
5) Vinyl Chloride	3.24	62	507999	9.29	ppbv	100
6) Bromomethane	3.45	94	292320	10.13	ppbv	94
7) Chloroethane	3.54	64	179806	10.23	ppbv	94
8) Dichlorotetrafluoroethane	3.17	85	1270358	10.11	ppbv	99
9) Propene	2.99	41	481676	9.69	ppbv	98
10) Heptane	8.09	43	1258223	10.40	ppbv	100
11) Trichlorofluoromethane	3.93	101	1295108	10.01	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	932830	9.84	ppbv	99
13) Ethanol	3.59	45	38483	7.76	ppbv	92
14) Bromoethene	3.72	108	385396	10.20	ppbv	98
15) Acetone	3.83	43	619954	8.55	ppbv	99
16) 1,3-Butadiene	3.31	39	504482	10.41	ppbv	98
17) tert-Butyl alcohol	4.26	59	796883	11.01	ppbv	99
18) 1,1-Dichloroethene	4.27	96	412717	9.91	ppbv	99
19) Isopropyl Alcohol	3.94	45	398200	9.48	ppbv	99
20) Methylene Chloride	4.32	84	328446	9.14	ppbv	96
21) Allyl Chloride	4.39	41	610320	9.96	ppbv	98
22) trans-1,2-Dichloroethene	4.86	96	434135	10.34	ppbv	94
23) Vinyl Acetate	5.04	43	967853	10.07	ppbv	99
24) 1,1-Dichloroethane	4.98	63	859453	9.95	ppbv	99
25) Ethyl Acetate	5.65	43	1900272	9.75	ppbv	100
26) Hexane	5.66	57	878351	9.95	ppbv	99
27) Carbon Disulfide	4.52	76	1035478	10.55	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	895774	9.97	ppbv	99
29) Chloroform	5.72	83	1472391	10.22	ppbv	99
30) Cyclohexane	7.10	84	763570	10.58	ppbv	97
31) cis-1,2-Dichloroethene	5.52	61	866556	10.14	ppbv	97
32) 1,1,1-Trichloroethane	6.48	97	1473133	10.17	ppbv	99
34) 2-Butanone	5.21	43	666272	10.17	ppbv	98
35) Carbon Tetrachloride	6.98	117	1528160	10.43	ppbv	98
36) Benzene	6.86	78	1857668	10.13	ppbv	98
37) 1,2-Dichloroethane	6.28	62	1111480	10.49	ppbv	100
38) Trichloroethene	7.80	130	656220	9.83	ppbv	97
39) 1,2-Dichloropropane	7.58	63	727992	9.97	ppbv	96
40) 1,4-Dioxane	7.81	88	48353	2.79	ppbv #	1
41) Tetrahydrofuran	6.02	42	463926	10.48	ppbv	99
42) Bromodichloromethane	7.75	83	1575733	10.30	ppbv	99
43) Methyl Methacrylate	7.98	69	689061	10.81	ppbv	100

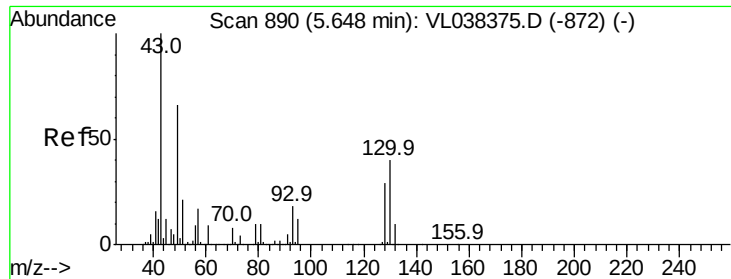
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022422\
 Data File : VL038433.D
 Acq On : 24 Feb 2022 13:16
 Operator : SY/AP
 Sample : VL0224ABS01
 Misc : 400mL/MSVOA_L
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Instrument :
 MSVOA_L
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 VL0224ABS01

Quant Time: Feb 25 00:42:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
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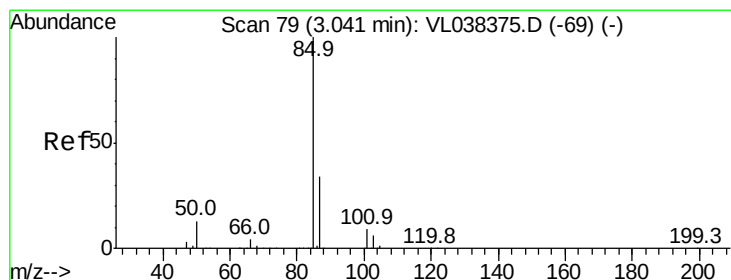
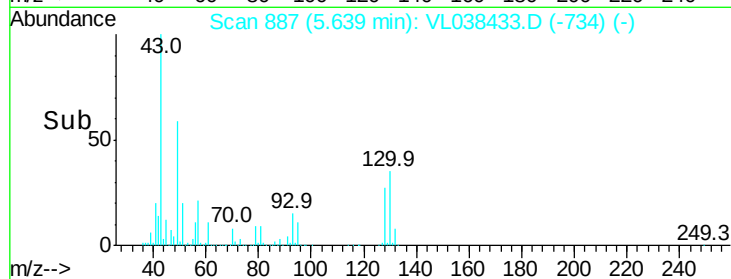
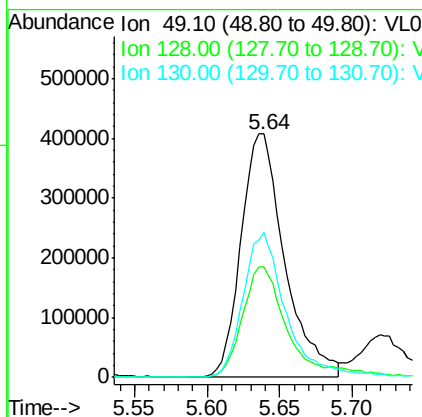
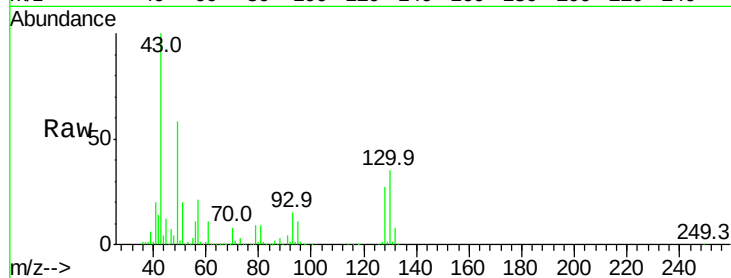
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	3179930	10.09	ppbv	99
45) t-1,3-Dichloropropene	9.24	75	556463	10.92	ppbv	99
46) cis-1,3-Dichloropropene	8.66	75	711124	10.65	ppbv	96
47) 1,1,2-Trichloroethane	9.43	97	732265	10.08	ppbv	96
48) Dibromochloromethane	10.26	129	1213511	10.21	ppbv	99
49) Bromoform	13.00	173	826932	9.43	ppbv	100
50) 4-Methyl-2-Pentanone	8.70	43	1273736	11.00	ppbv	100
51) 2-Hexanone	10.10	43	541158	10.44	ppbv #	99
52) Tetrachloroethene	11.18	164	555536	9.13	ppbv	96
53) Toluene	9.77	91	2043791	10.27	ppbv	100
54) 1,2-Dibromoethane	10.57	107	1041653	10.18	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.09	131	788332	9.24	ppbv	99
57) Chlorobenzene	12.10	112	1390041	8.80	ppbv	97
58) Ethyl Benzene	12.67	91	2640324	9.43	ppbv	99
59) m/p-Xylene	12.95	91	2443965	10.17	ppbv #	46
60) o-Xylene	13.65	91	2050142	9.02	ppbv	100
61) Styrene	13.49	104	992593	9.47	ppbv	98
62) Isopropylbenzene	14.63	105	2680434	8.79	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.64	83	1344092	7.28	ppbv	98
64) n-propylbenzene	15.52	120	645973	8.55	ppbv	89
65) tert-Butylbenzene	16.70	119	2147971	8.13	ppbv	99
66) Benzyl Chloride	16.94	91	47082	3.30	ppbv #	67
67) sec-Butylbenzene	17.25	105	2999944	8.01	ppbv	98
69) p-Isopropyltoluene	17.61	119	2378680	8.09	ppbv	99
70) n-Butylbenzene	18.51	91	2552879	8.39	ppbv	99
71) 2-Chlorotoluene	15.41	91	1893369	8.07	ppbv	99
72) 4-Ethyltoluene	15.80	105	2143847	8.56	ppbv	99
73) 1,3,5-Trimethylbenzene	15.96	105	1839678	8.09	ppbv	100
74) 1,2,4-Trimethylbenzene	16.72	105	1970443	8.21	ppbv	97
75) 1,3-Dichlorobenzene	16.95	146	1017048	7.56	ppbv	99
76) 1,4-Dichlorobenzene	17.09	146	982212	7.41	ppbv	99
77) 1,2-Dichlorobenzene	17.77	146	970480	7.50	ppbv	99
78) Hexachloro-1,3-Butadiene	23.33	225	799836	8.10	ppbv	99
79) Naphthalene	22.14	128	1509860	11.61	ppbv	99
80) Naphthalene,2-methyl-	24.94	142	253121	9.96	ppbv	94
81) 1,2,4-Trichlorobenzene	21.87	180	800712	10.18	ppbv	98

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



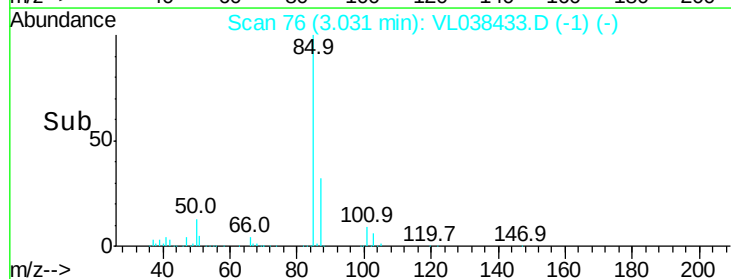
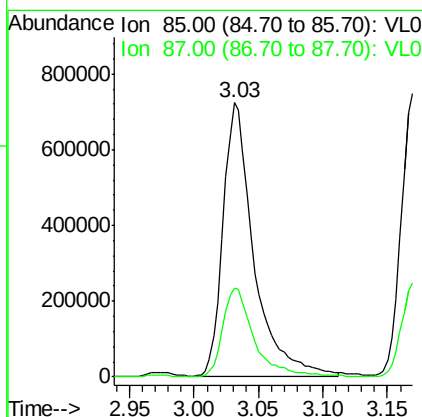
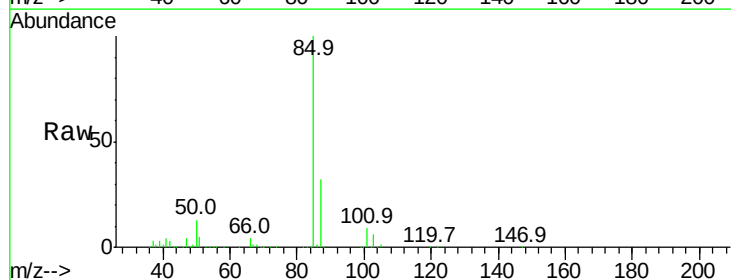
#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.64
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

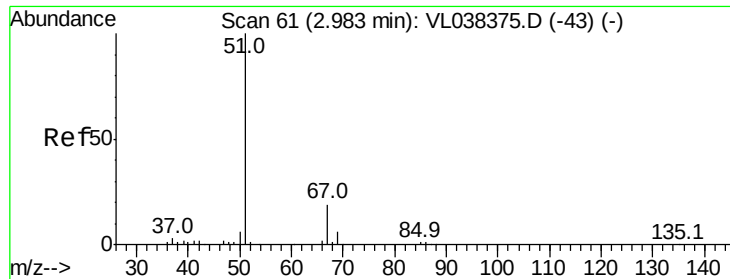
Tgt Ion: 49 Resp: 852837
 Ion Ratio Lower Upper
 49 100
 128 48.4 24.3 72.9
 130 59.8 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 8.82 ppbv
 RT: 3.03 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

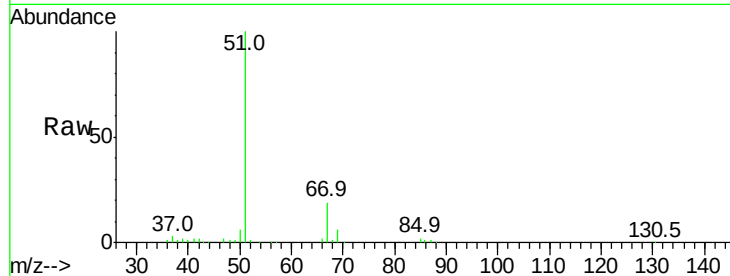
Tgt Ion: 85 Resp: 1191512
 Ion Ratio Lower Upper
 85 100
 87 32.5 27.4 41.0



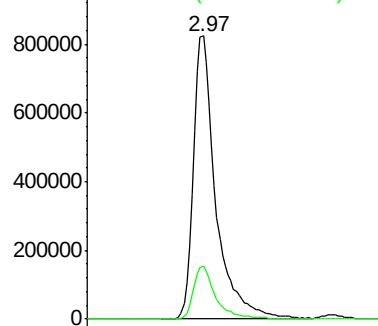


#3
 Chlorodifluoromethane
 Concen: 9.90 ppbv
 RT: 2.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

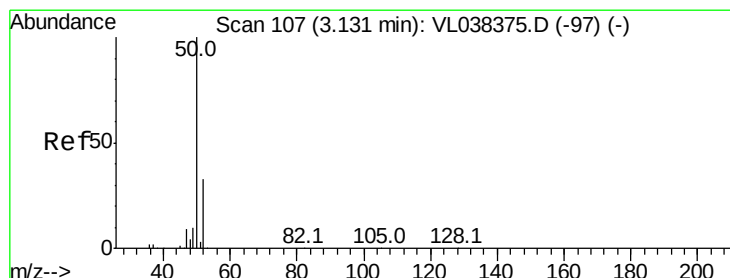
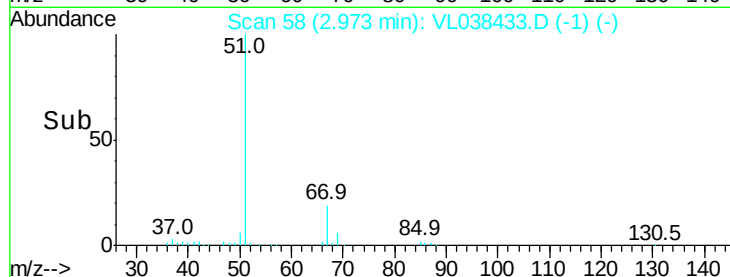
Tgt Ion: 51 Resp: 1491050
 Ion Ratio Lower Upper
 51 100
 67 18.8 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0
 Ion 67.00 (66.70 to 67.70): VL0

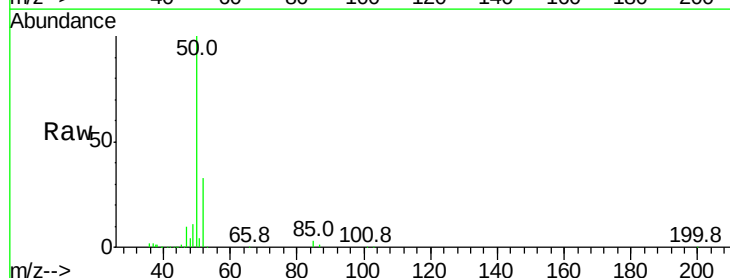


Time-->

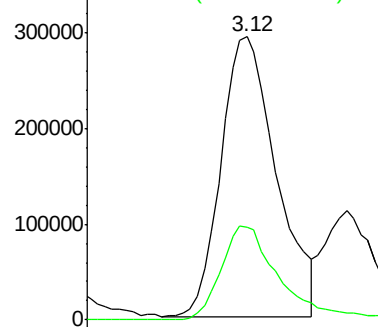


#4
 Chloromethane
 Concen: 9.69 ppbv
 RT: 3.12 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

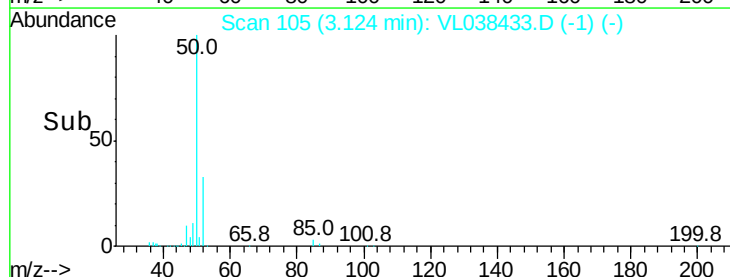
Tgt Ion: 50 Resp: 507276
 Ion Ratio Lower Upper
 50 100
 52 33.3 26.5 39.7

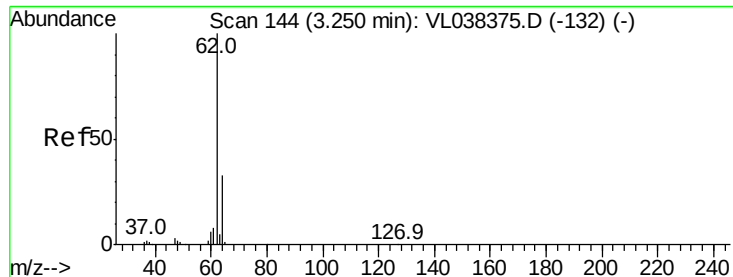


Abundance Ion 50.10 (49.80 to 50.80): VL0
 Ion 52.10 (51.80 to 52.80): VL0



Time-->





#5

Vinyl Chloride

Concen: 9.29 ppbv

RT: 3.24 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0224ABS01

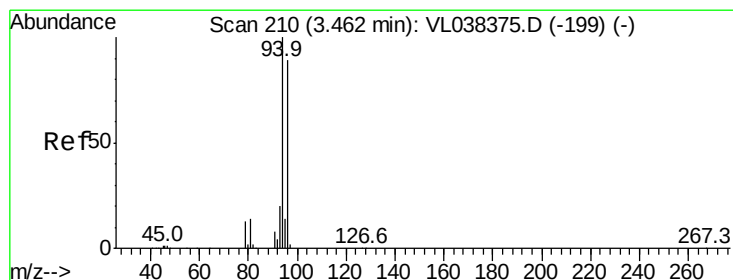
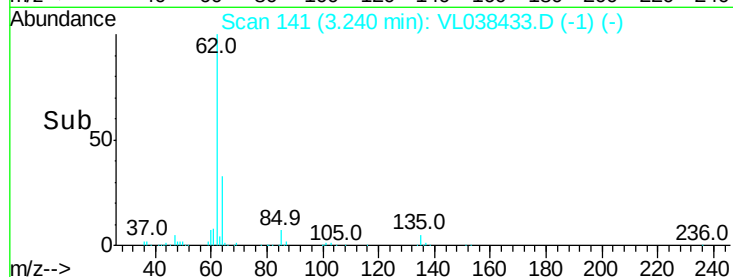
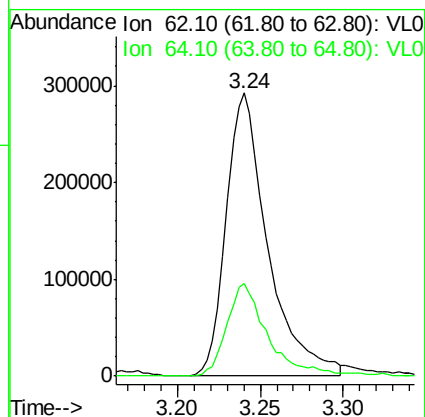
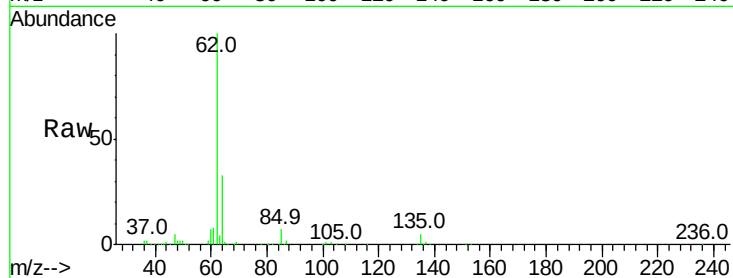
Acq: 24 Feb 2022 13:16

Tgt Ion: 62 Resp: 507999

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2



#6

Bromomethane

Concen: 10.13 ppbv

RT: 3.45 min Scan# 207

Delta R.T. -0.01 min

Lab File: VL038433.D

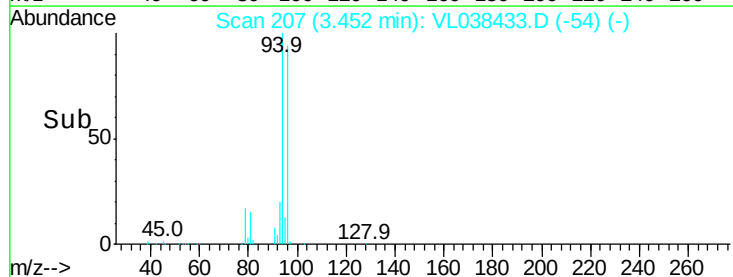
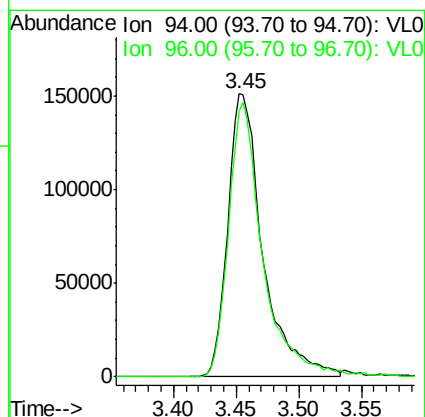
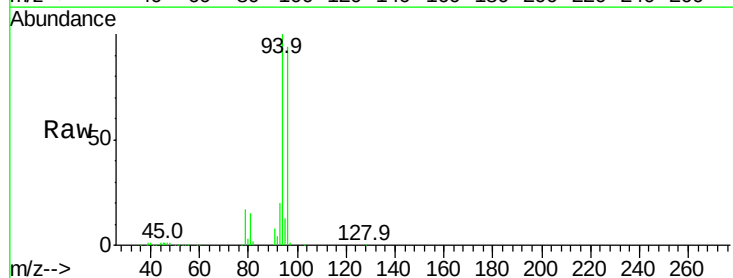
Acq: 24 Feb 2022 13:16

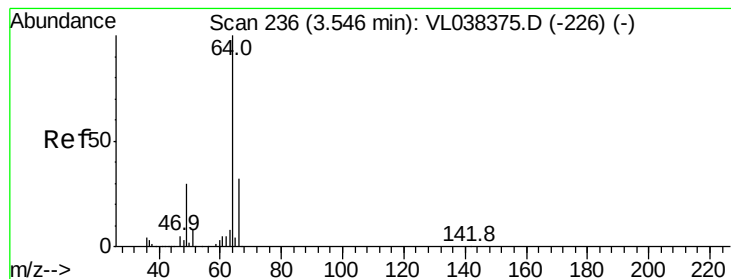
Tgt Ion: 94 Resp: 292320

Ion Ratio Lower Upper

94 100

96 93.9 71.0 106.6





#7

Chloroethane

Concen: 10.23 ppbv

RT: 3.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

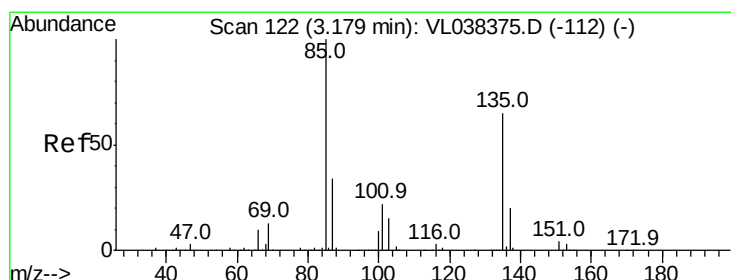
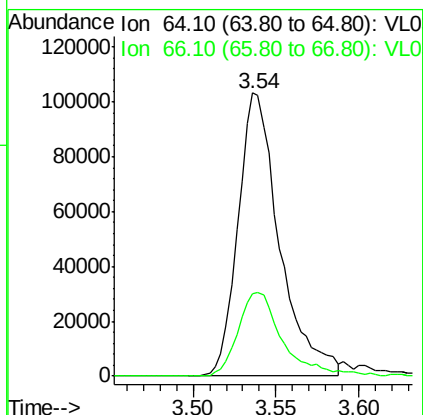
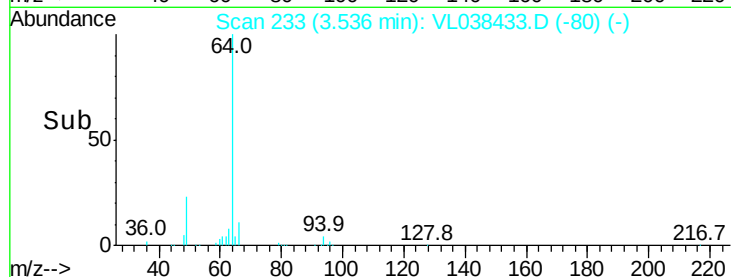
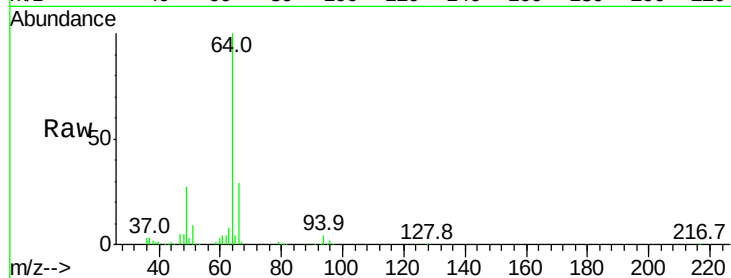
Acq: 24 Feb 2022 13:16 VL0224ABS01

Tgt Ion: 64 Resp: 179806

Ion Ratio Lower Upper

64 100

66 29.1 25.9 38.9



#8

Dichlorotetrafluoroethane

Concen: 10.11 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.01 min

Lab File: VL038433.D

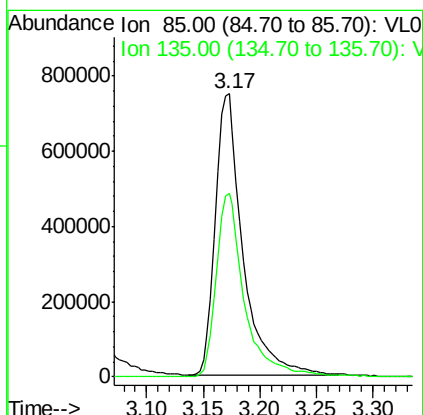
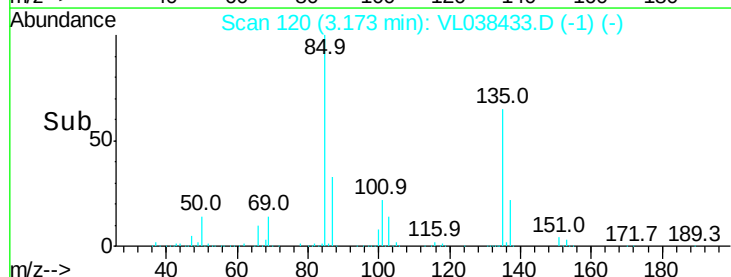
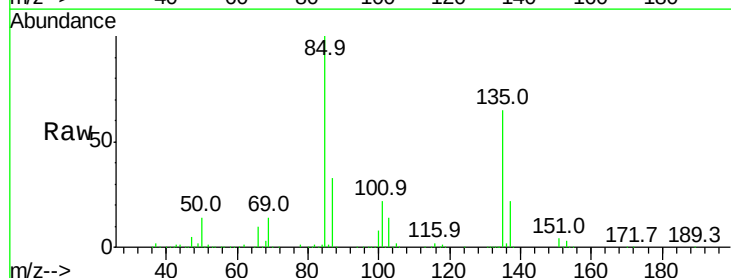
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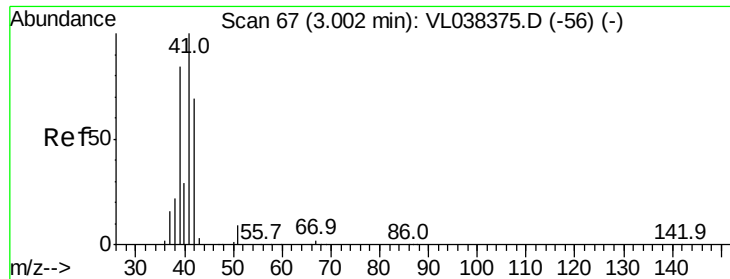
Tgt Ion: 85 Resp: 1270358

Ion Ratio Lower Upper

85 100

135 66.9 54.1 81.1





#9

Propene

Concen: 9.69 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0224ABS01

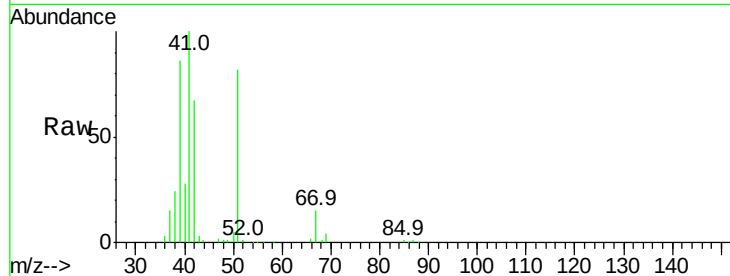
Acq: 24 Feb 2022 13:16

Tgt Ion: 41 Resp: 481676

Ion Ratio Lower Upper

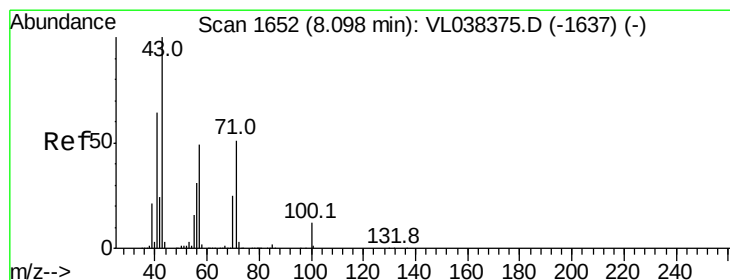
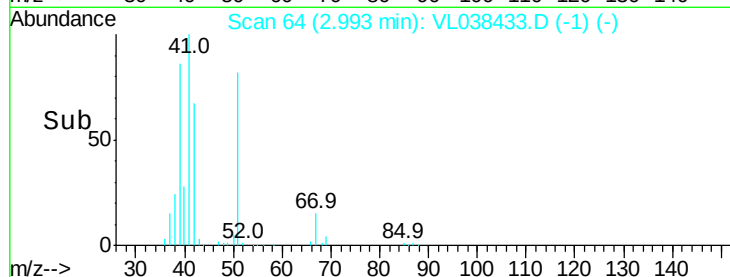
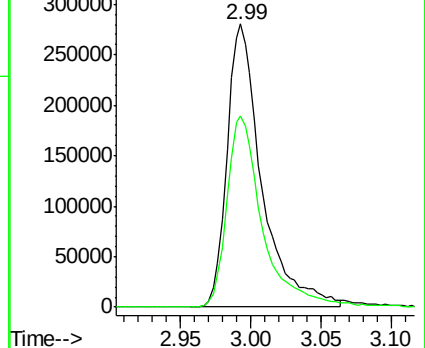
41 100

42 69.8 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 10.40 ppbv

RT: 8.09 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VL038433.D

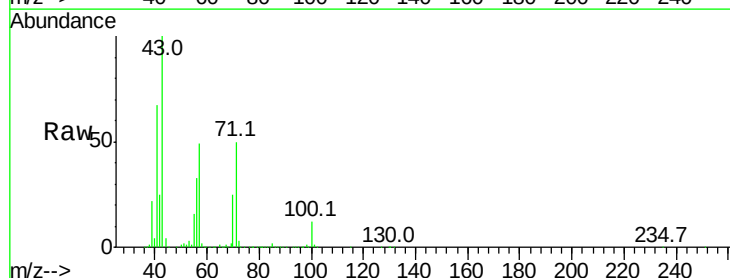
Acq: 24 Feb 2022 13:16

Tgt Ion: 43 Resp: 1258223

Ion Ratio Lower Upper

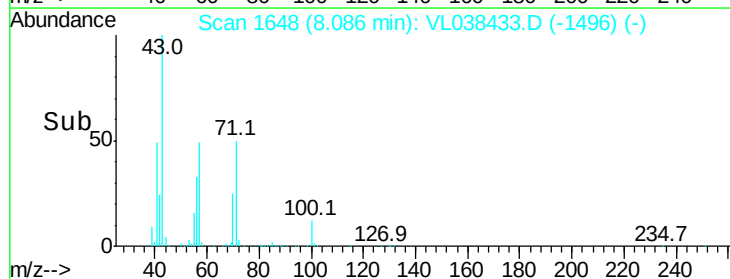
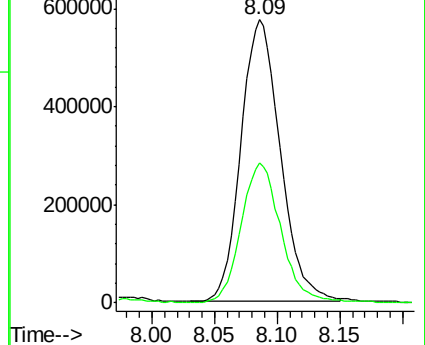
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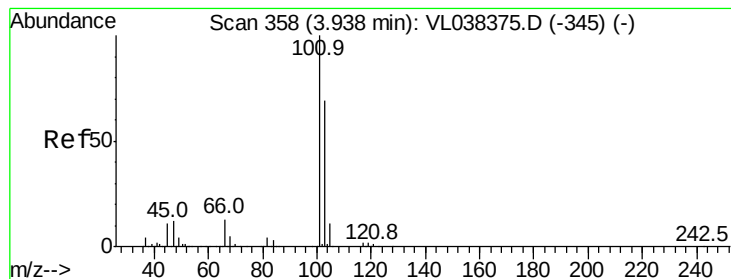
57 50.1 39.8 59.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 10.01 ppbv

RT: 3.93 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

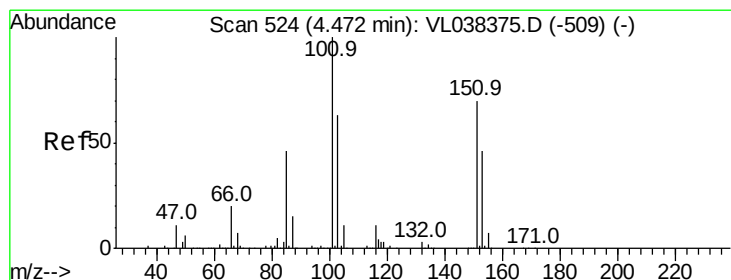
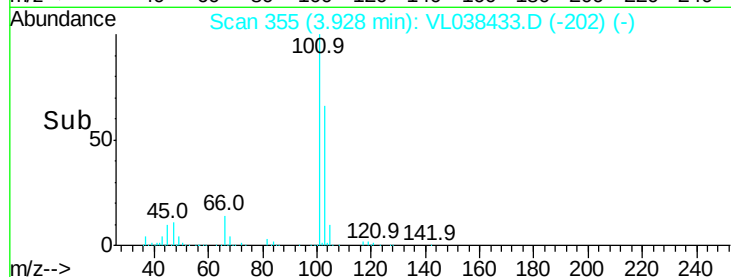
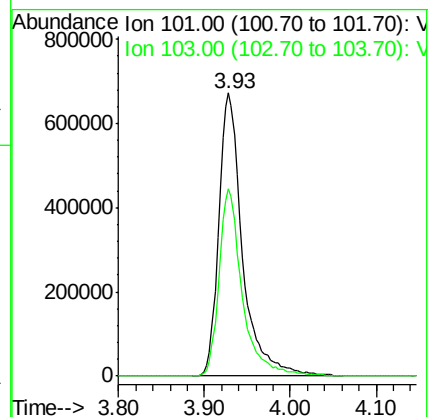
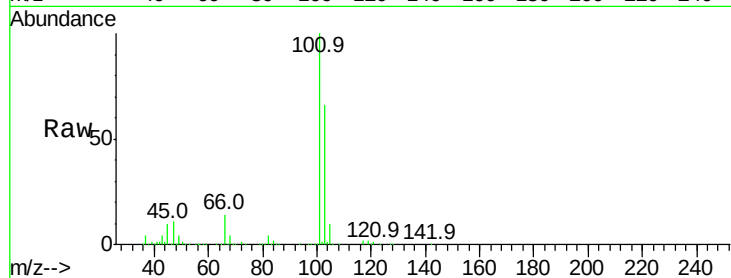
Acq: 24 Feb 2022 13:16 VL0224ABS01

Tgt Ion:101 Resp: 1295108

Ion Ratio Lower Upper

101 100

103 66.4 55.0 82.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.84 ppbv

RT: 4.46 min Scan# 520

Delta R.T. -0.01 min

Lab File: VL038433.D

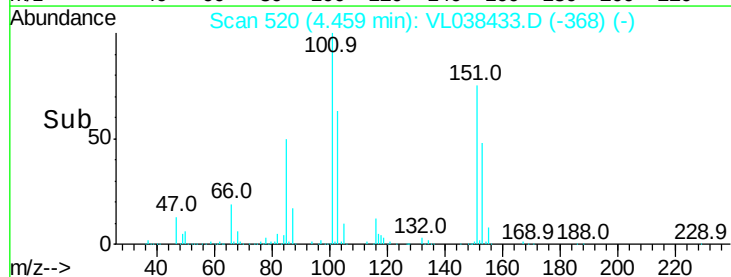
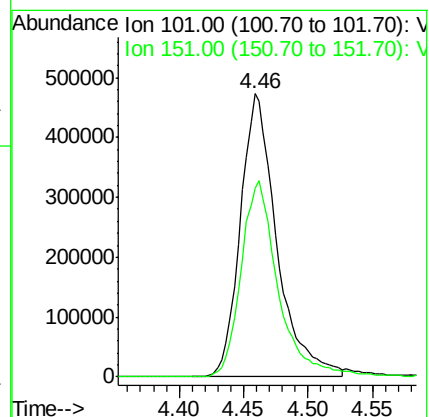
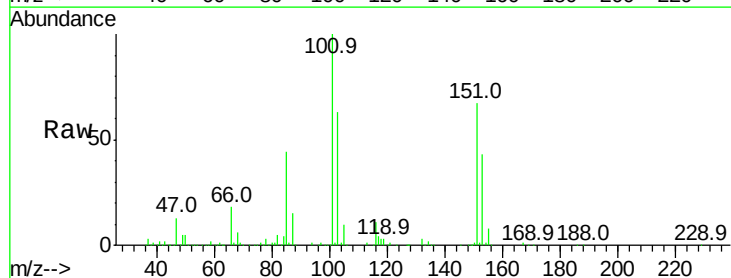
Acq: 24 Feb 2022 13:16

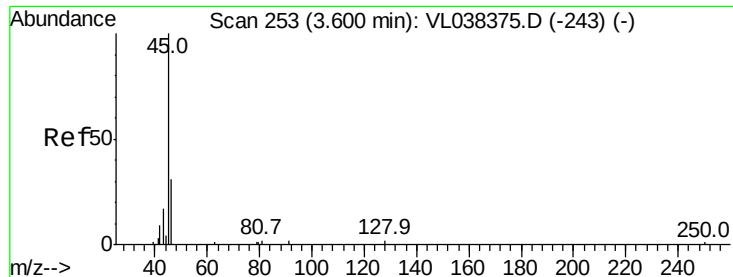
Tgt Ion:101 Resp: 932830

Ion Ratio Lower Upper

101 100

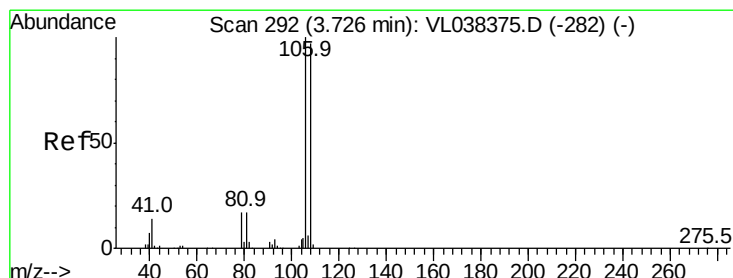
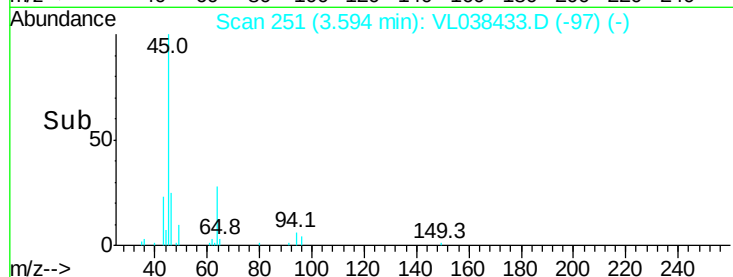
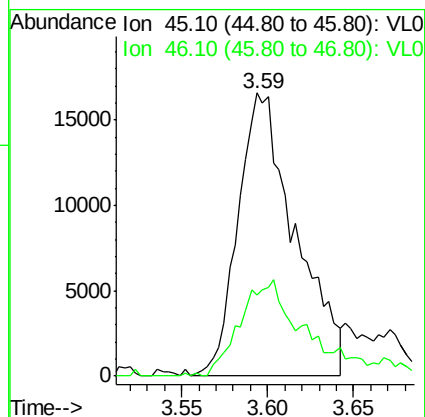
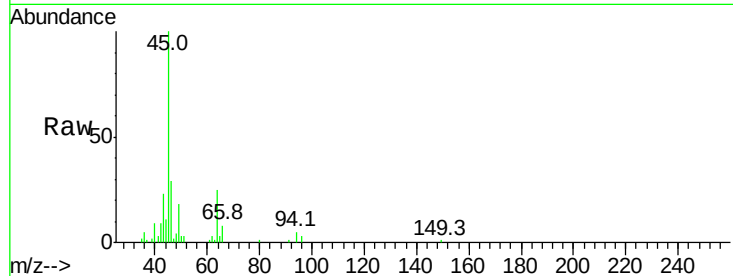
151 70.8 55.9 83.9





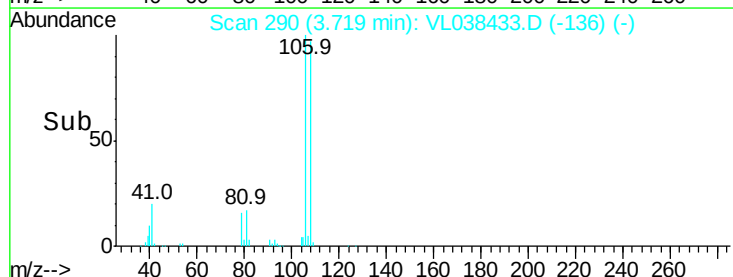
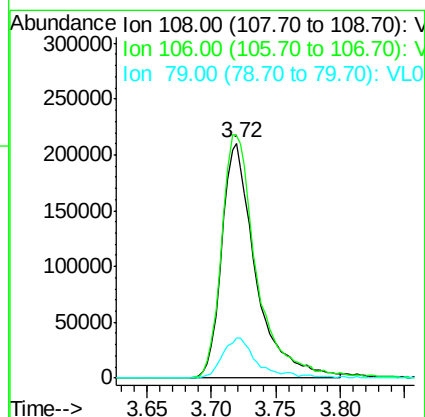
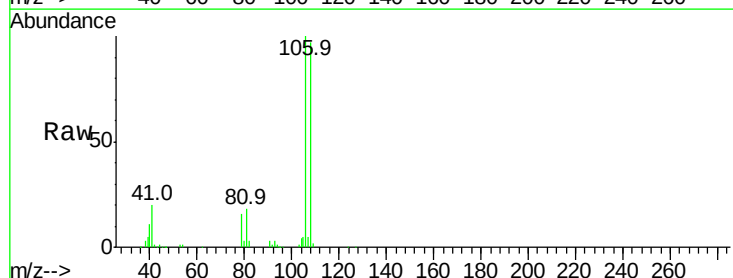
#13
 Ethanol
 Concen: 7.76 ppbv
 RT: 3.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0224ABS01
 Acq: 24 Feb 2022 13:16

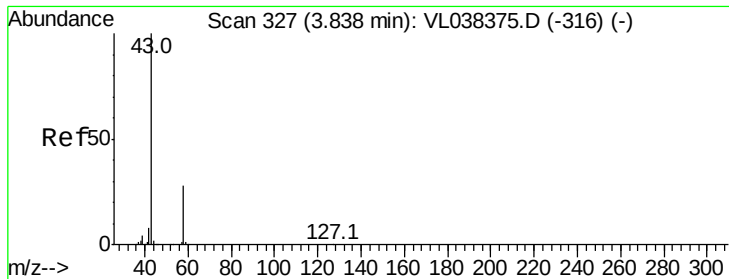
Tgt Ion: 45 Resp: 38483
 Ion Ratio Lower Upper
 45 100
 46 40.5 18.2 72.8



#14
 Bromoethene
 Concen: 10.20 ppbv
 RT: 3.72 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

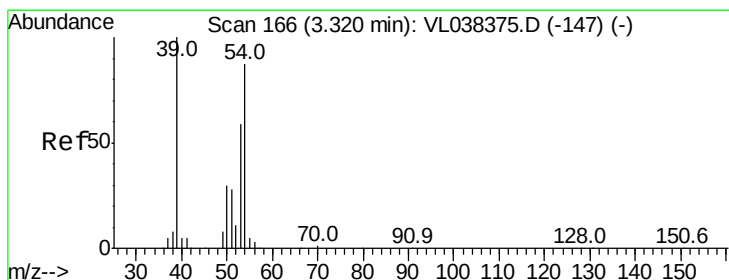
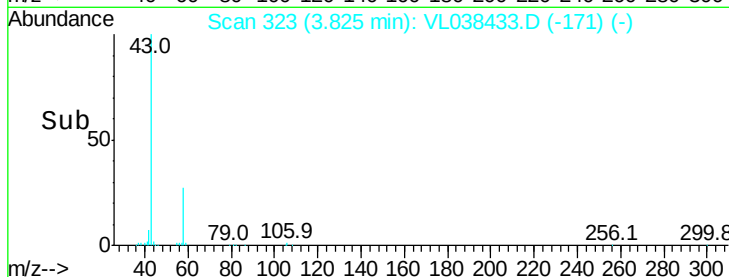
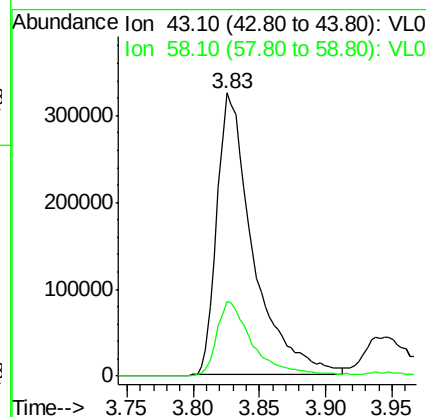
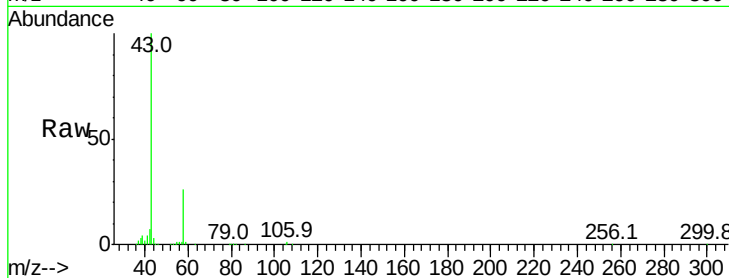
Tgt Ion: 108 Resp: 385396
 Ion Ratio Lower Upper
 108 100
 106 108.3 88.4 132.6
 79 18.4 15.0 22.6





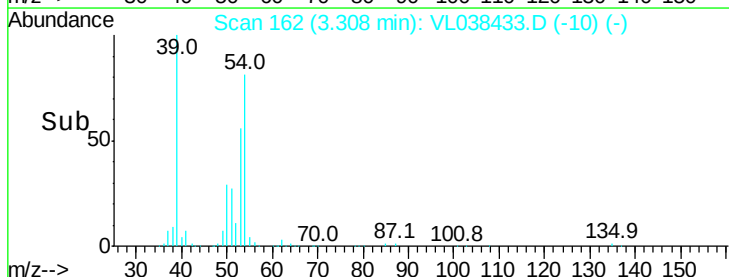
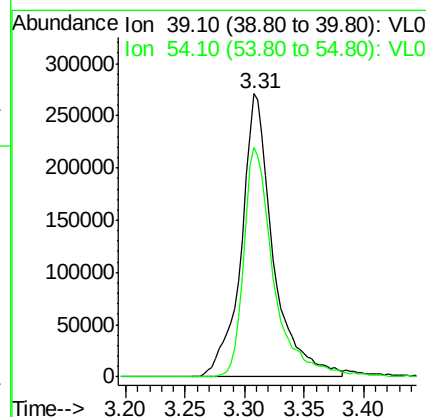
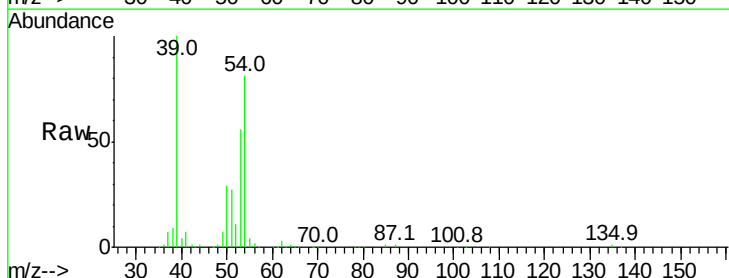
#15
Acetone
Concen: 8.55 ppbv
RT: 3.83
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

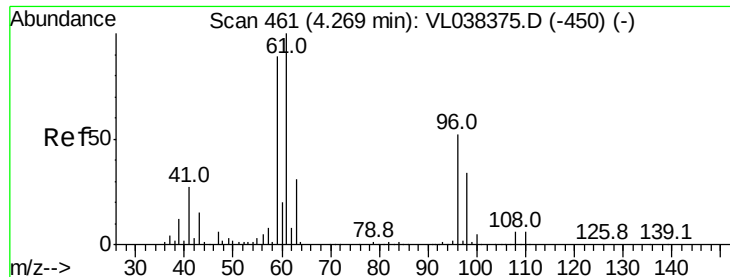
Tgt Ion: 43 Resp: 619954
Ion Ratio Lower Upper
43 100
58 26.4 21.7 32.5



#16
1,3-Butadiene
Concen: 10.41 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.01 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

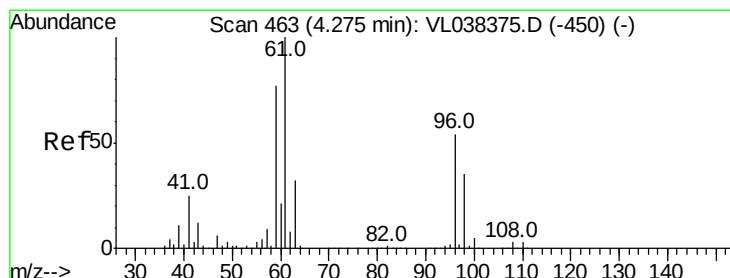
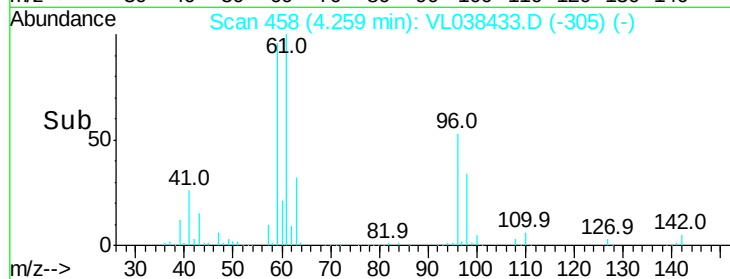
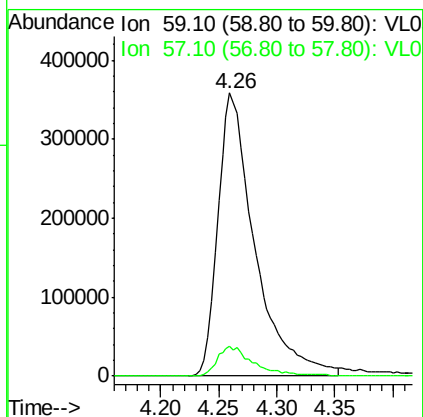
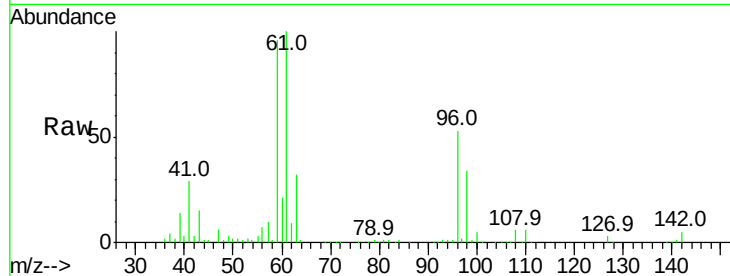
Tgt Ion: 39 Resp: 504482
Ion Ratio Lower Upper
39 100
54 76.9 60.3 90.5





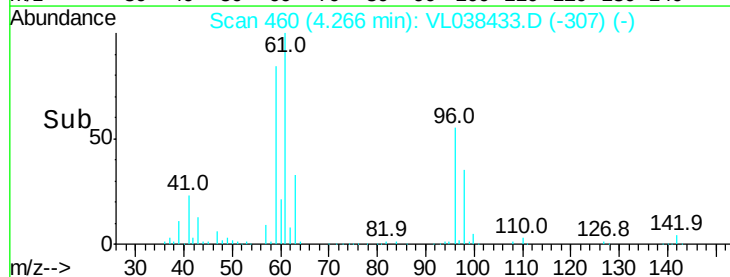
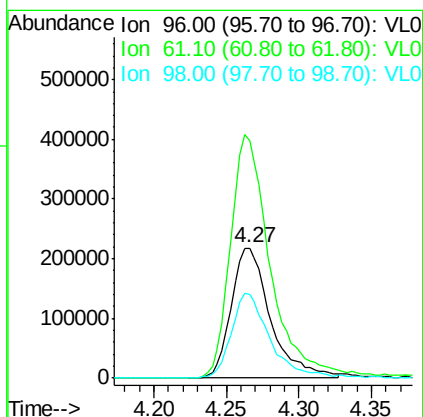
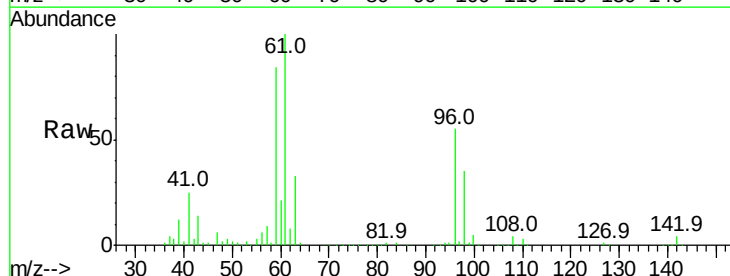
#17
 tert-Butyl alcohol
 Concen: 11.01 ppbv
 RT: 4.26 Instrument : MSVOA_1
 Delta R.T. :
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:10

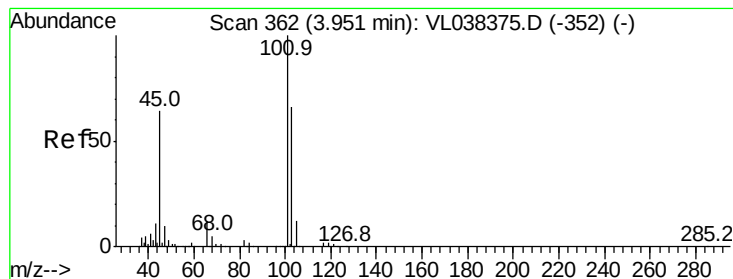
Tgt Ion: 59 Resp: 796883
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.4 12.6



#18
 1,1-Dichloroethene
 Concen: 9.91 ppbv
 RT: 4.27 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion: 96 Resp: 412717
 Ion Ratio Lower Upper
 96 100
 61 181.9 146.8 220.2
 98 63.8 51.5 77.3





#19

Isopropyl Alcohol

Concen: 9.48 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

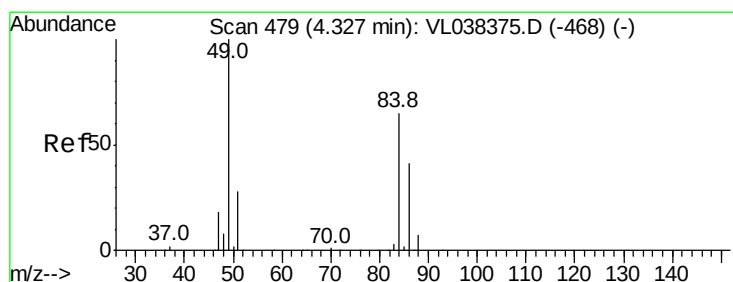
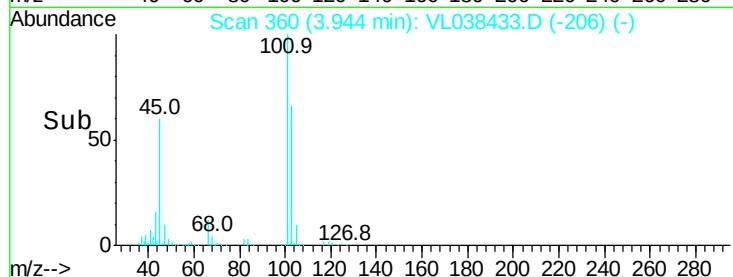
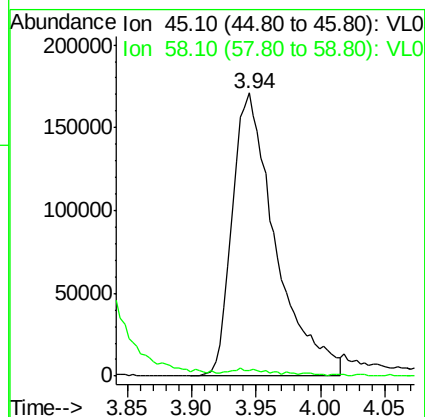
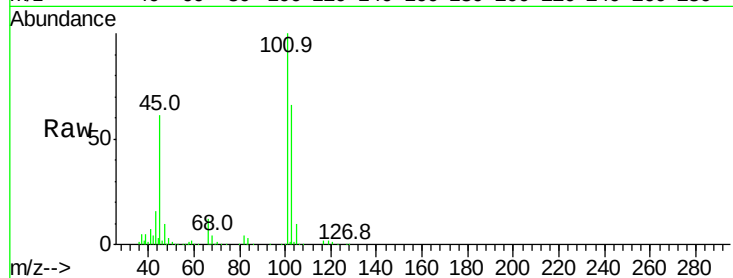
Acq: 24 Feb 2022 13:16 VL0224ABS01

Tgt Ion: 45 Resp: 398200

Ion Ratio Lower Upper

45 100

58 2.6 1.8 2.8



#20

Methylene Chloride

Concen: 9.14 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.01 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

Tgt Ion: 84 Resp: 328446

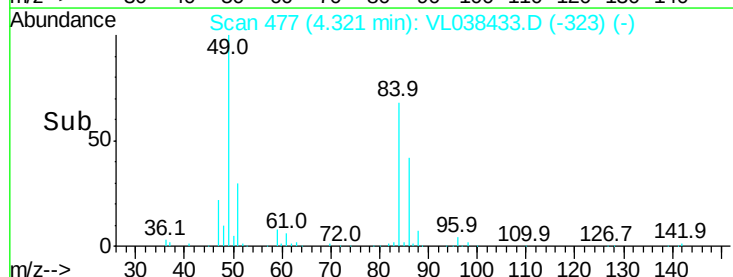
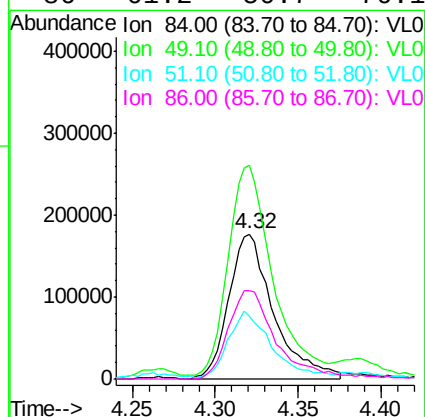
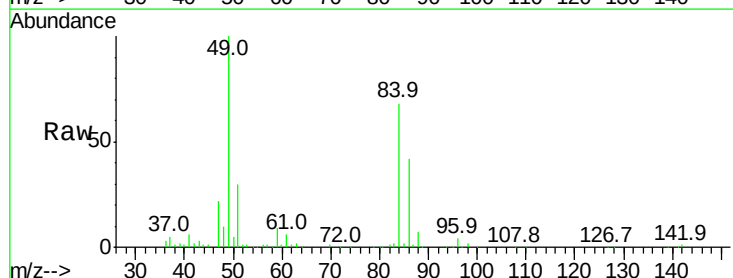
Ion Ratio Lower Upper

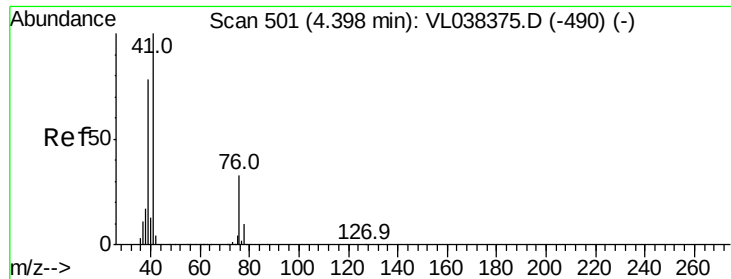
84 100

49 145.6 122.4 183.6

51 42.4 33.3 49.9

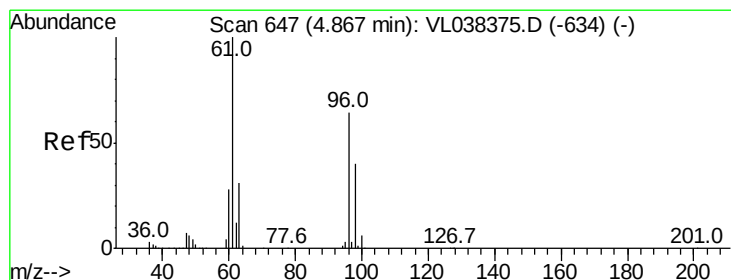
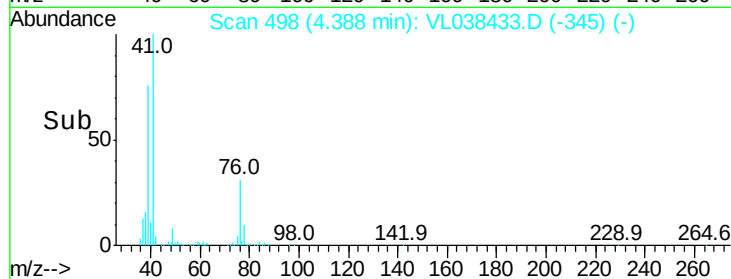
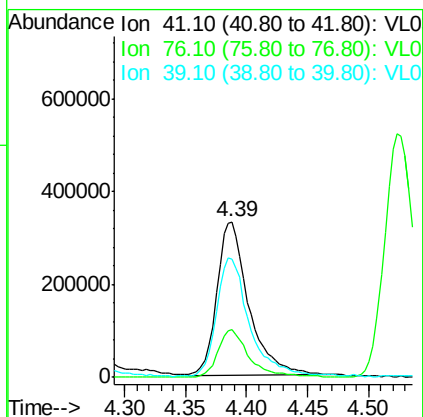
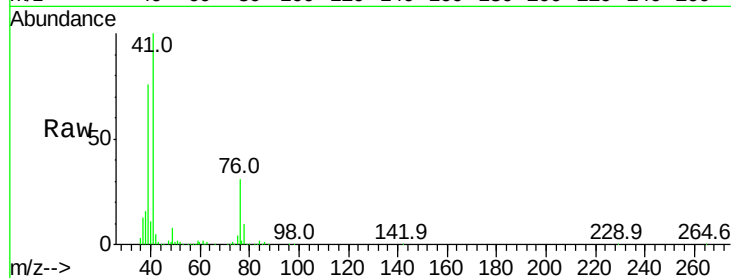
86 61.2 50.7 76.1





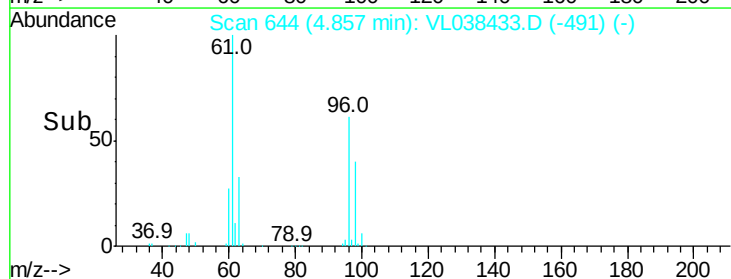
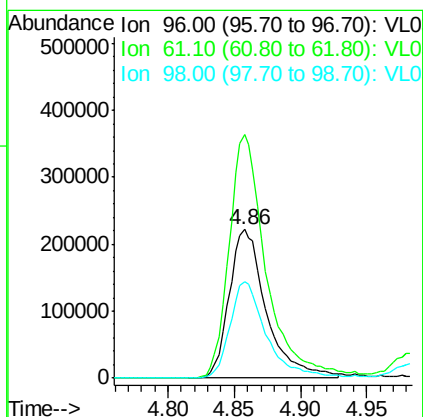
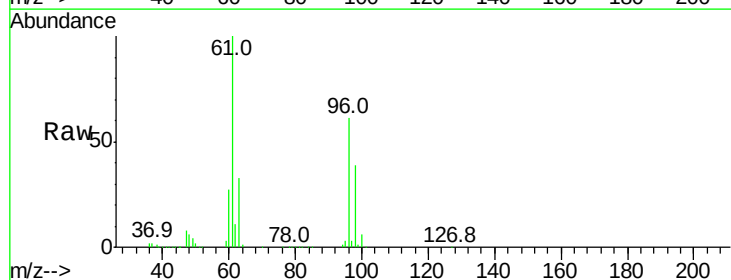
#21
 Allyl Chloride
 Concen: 9.96 ppbv
 RT: 4.39
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0224ABS01
 Acq: 24 Feb 2022 13:16

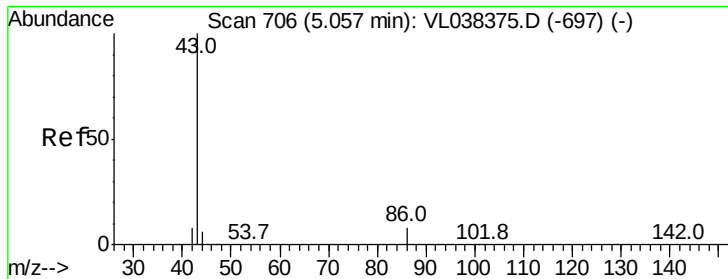
Tgt Ion: 41 Resp: 610320
 Ion Ratio Lower Upper
 41 100
 76 30.8 25.4 38.0
 39 80.4 63.0 94.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.34 ppbv
 RT: 4.86 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion: 96 Resp: 434135
 Ion Ratio Lower Upper
 96 100
 61 164.1 124.2 186.4
 98 64.6 49.1 73.7





#23

Vinyl Acetate

Concen: 10.07 ppbv

RT: 5.04 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Feb 2022 13:16 VL0224ABS01

Tgt Ion: 43 Resp: 967853

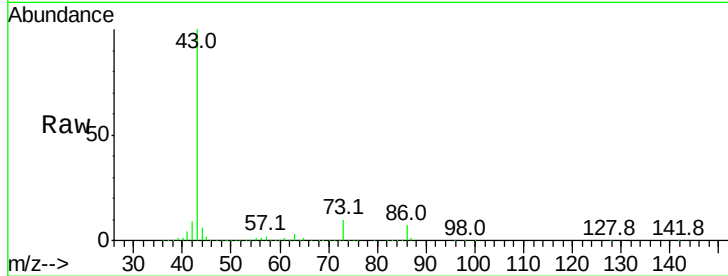
Ion Ratio Lower Upper

43 100

86 6.6 5.8 8.6

42 9.1 7.4 11.0

44 5.2 4.2 6.2

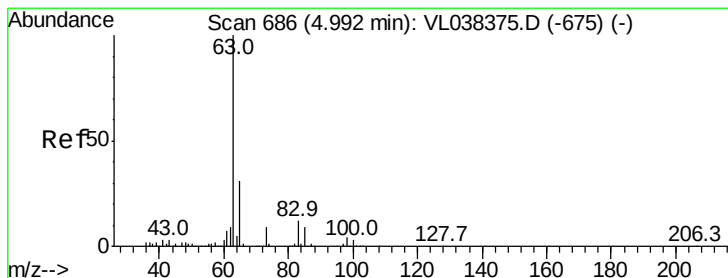
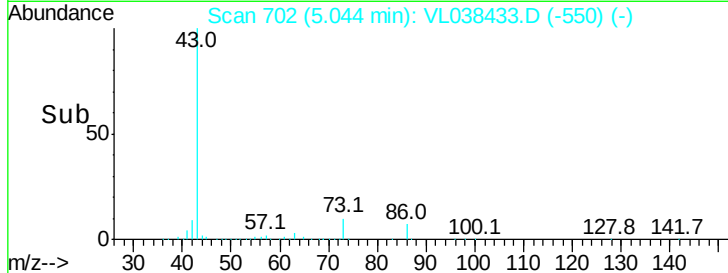
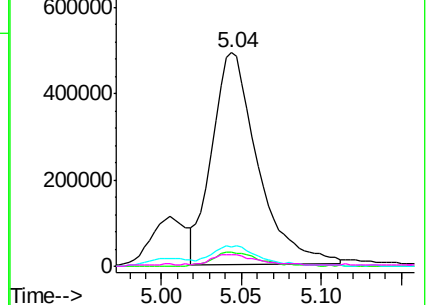


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.95 ppbv

RT: 4.98 min Scan# 683

Delta R.T. -0.01 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

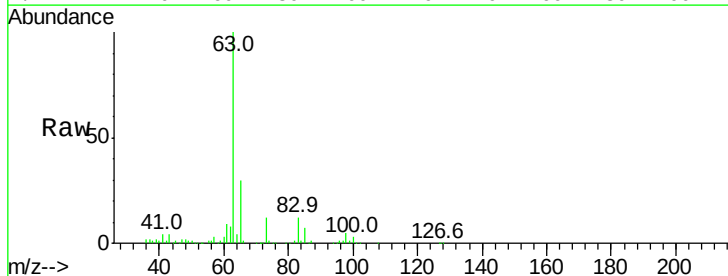
Tgt Ion: 63 Resp: 859453

Ion Ratio Lower Upper

63 100

98 4.9 2.1 6.5

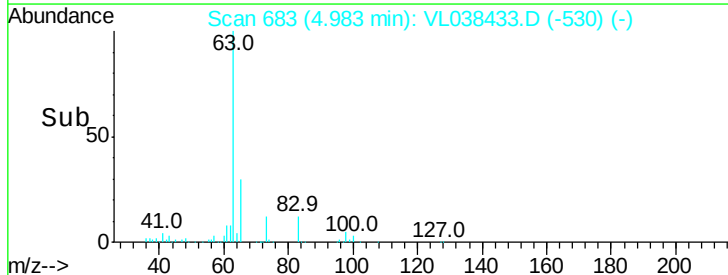
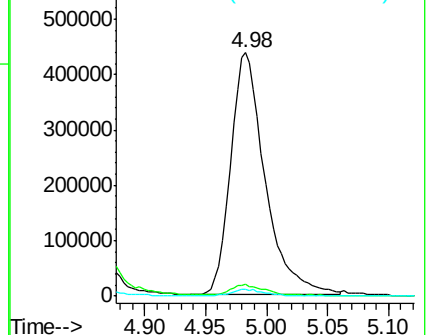
100 2.7 1.4 4.2

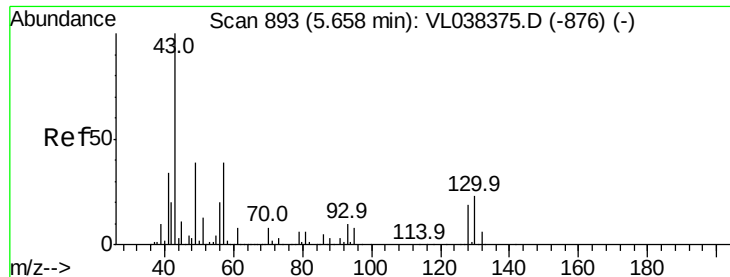


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

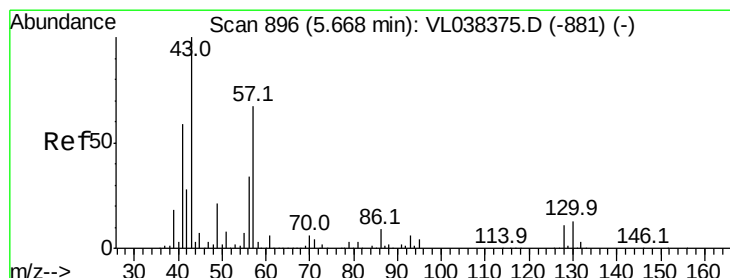
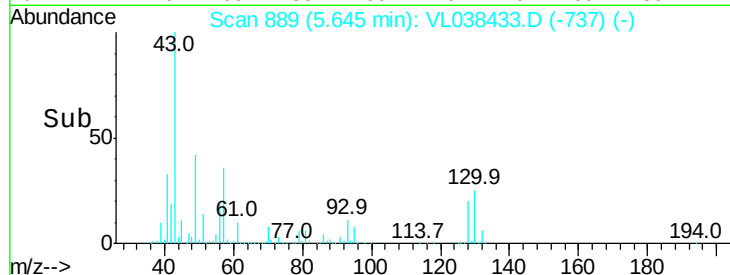
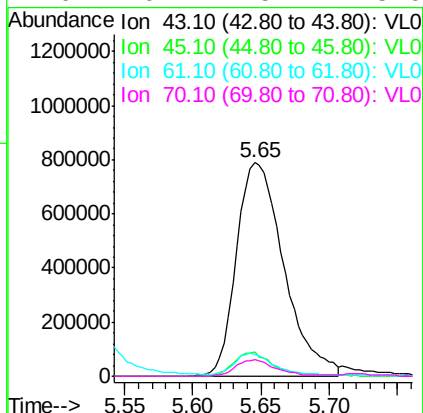
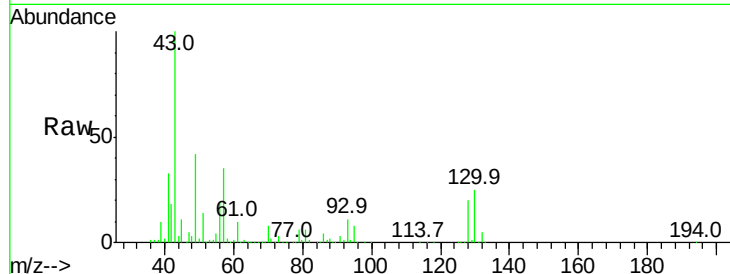
Ion 100.00 (99.70 to 100.70): VL0





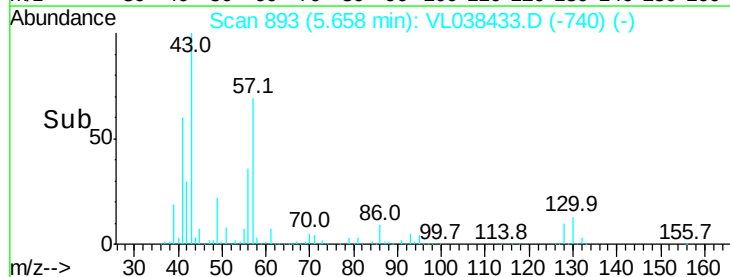
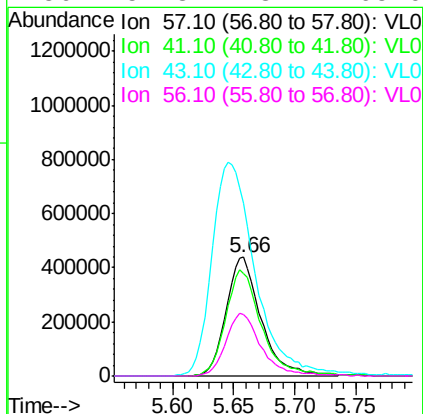
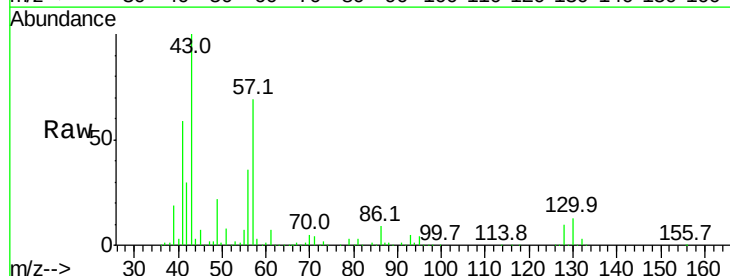
#25
Ethyl Acetate
Concen: 9.75 ppbv
RT: 5.65
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

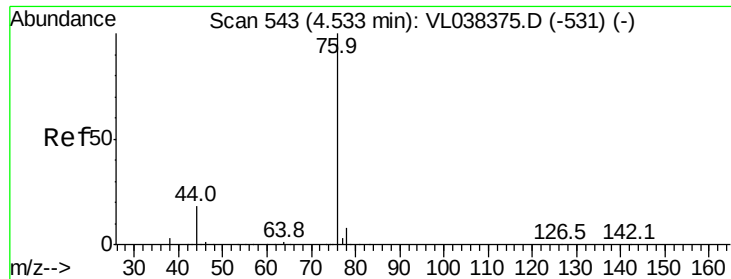
Tgt Ion:	43	Resp:	1900272
Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.6
61	9.4	7.5	11.3
70	6.7	5.4	8.0



#26
Hexane
Concen: 9.95 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion:	57	Resp:	878351
Ion	Ratio	Lower	Upper
57	100		
41	92.6	73.1	109.7
43	224.5	181.0	271.4
56	54.3	43.4	65.0





#27

Carbon Disulfide

Concen: 10.55 ppbv

RT: 4.52 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Feb 2022 13:16 VL0224ABS01

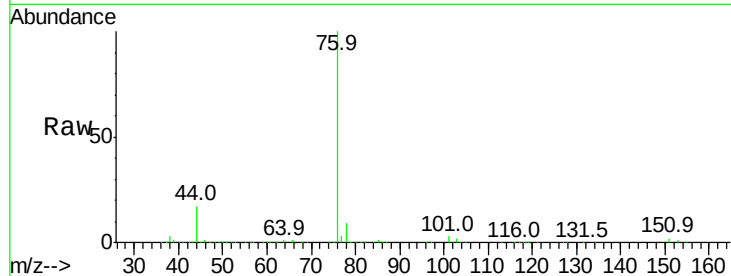
Tgt Ion: 76 Resp: 1035478

Ion Ratio Lower Upper

76 100

44 17.6 14.2 21.2

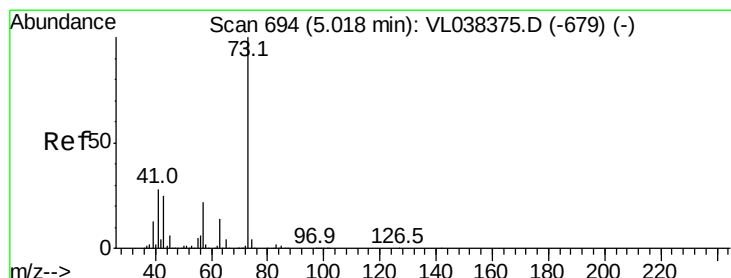
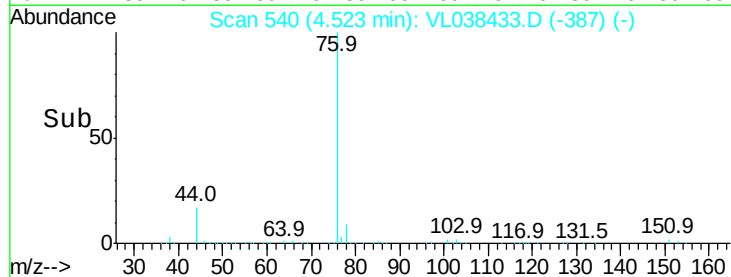
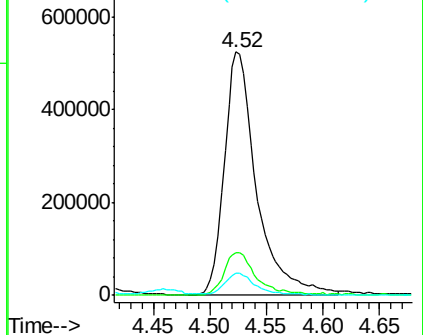
78 9.3 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.97 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL038433.D

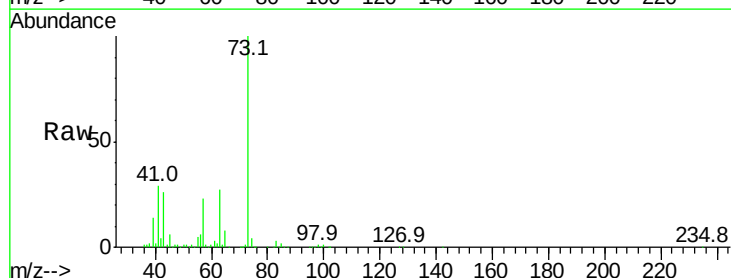
Acq: 24 Feb 2022 13:16

Tgt Ion: 73 Resp: 895774

Ion Ratio Lower Upper

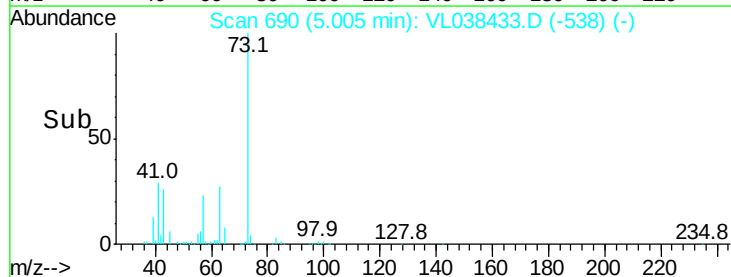
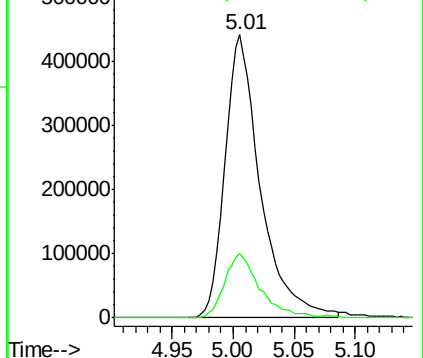
73 100

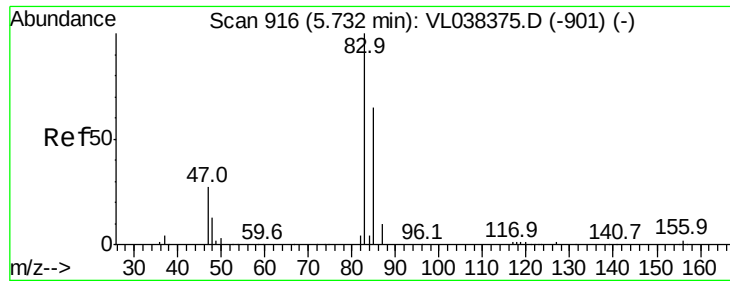
57 23.4 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

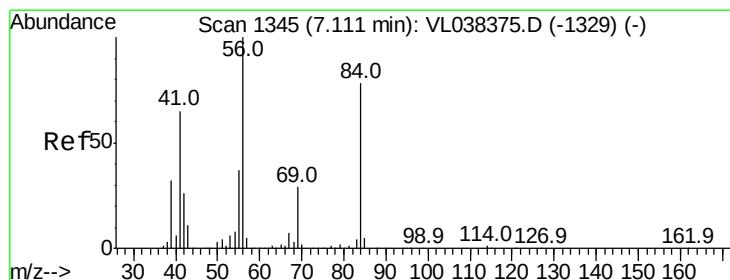
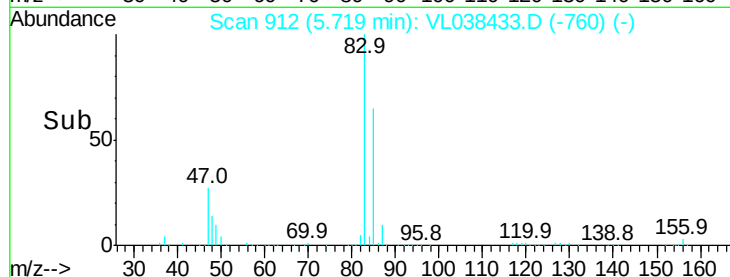
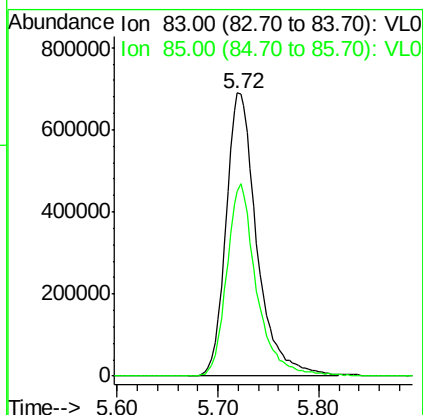
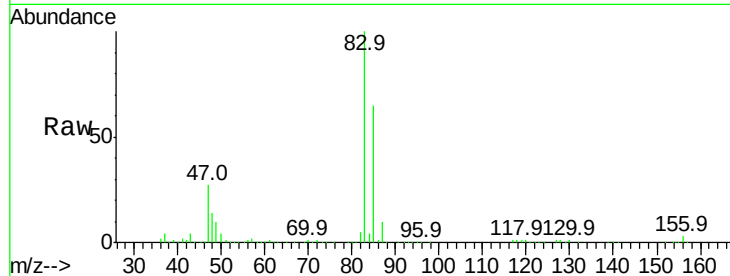
Ion 57.10 (56.80 to 57.80): VL0





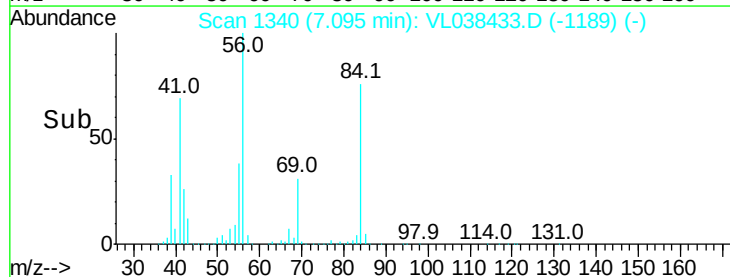
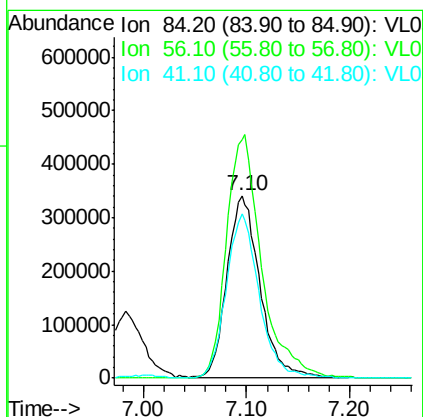
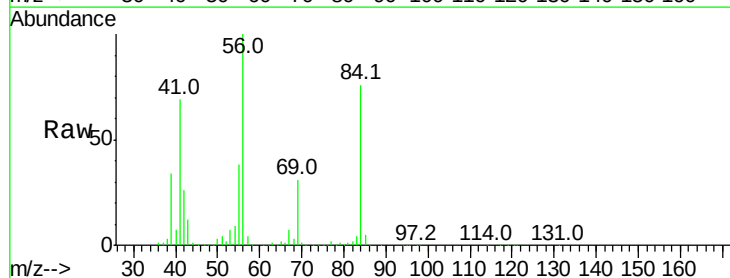
#29
Chloroform
Concen: 10.22 ppbv
RT: 5.72
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

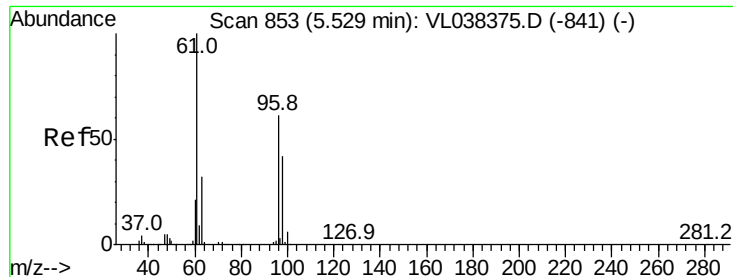
Tgt Ion: 83 Resp: 1472391
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4



#30
Cyclohexane
Concen: 10.58 ppbv
RT: 7.10 min Scan# 1340
Delta R.T. -0.02 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion: 84 Resp: 763570
Ion Ratio Lower Upper
84 100
56 141.6 116.2 174.4
41 89.6 74.3 111.5





#31

cis-1,2-Dichloroethene

Concen: 10.14 ppbv

RT: 5.52 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Feb 2022 13:16

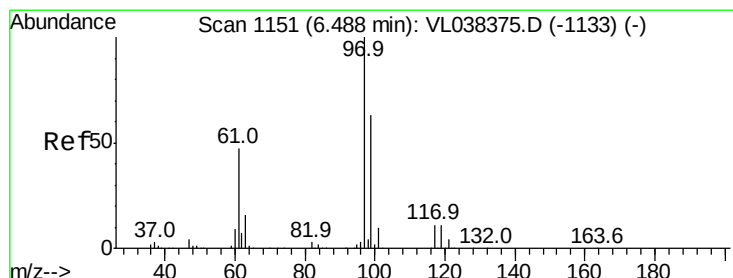
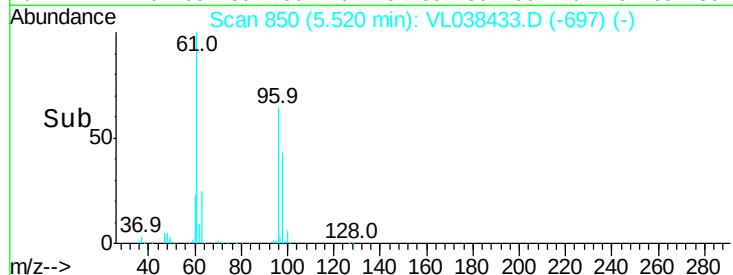
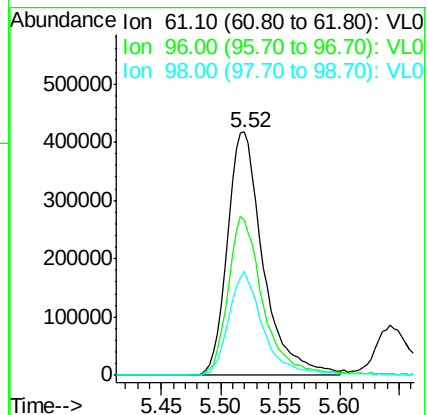
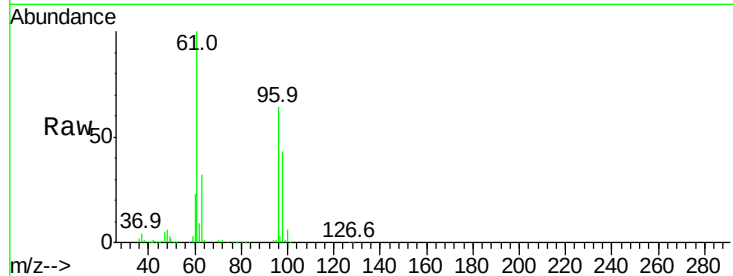
Tgt Ion: 61 Resp: 866556

Ion Ratio Lower Upper

61 100

96 63.5 48.6 73.0

98 42.6 33.2 49.8



#32

1,1,1-Trichloroethane

Concen: 10.17 ppbv

RT: 6.48 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

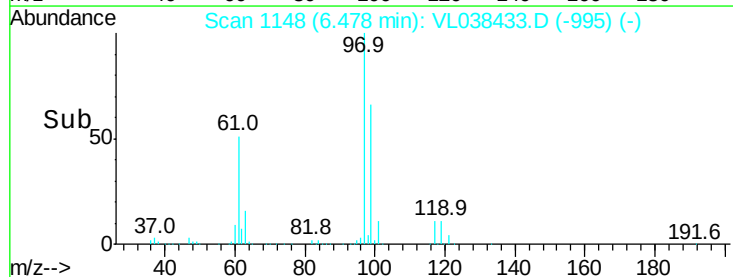
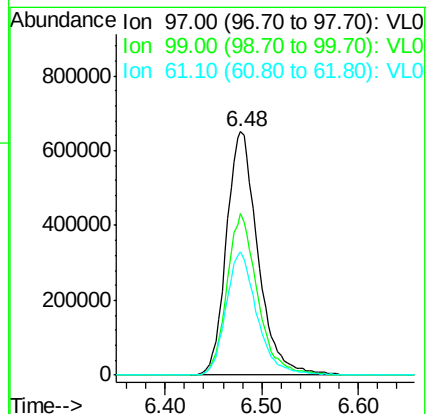
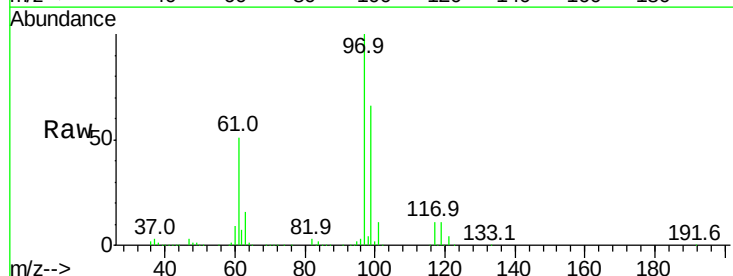
Tgt Ion: 97 Resp: 1473133

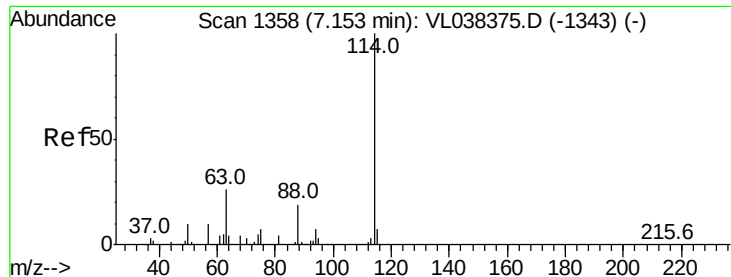
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 50.2 40.5 60.7

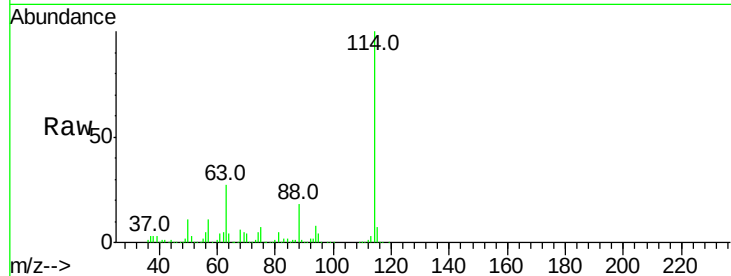




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.14
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

Tgt Ion: 114 Resp: 2082812

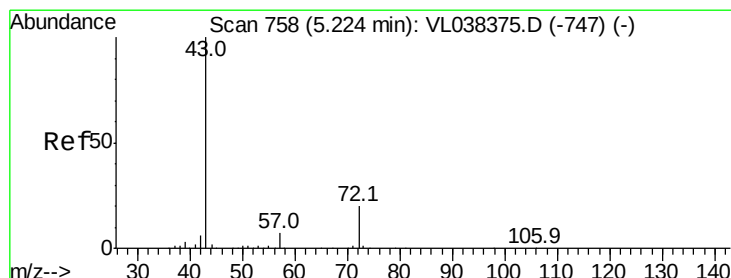
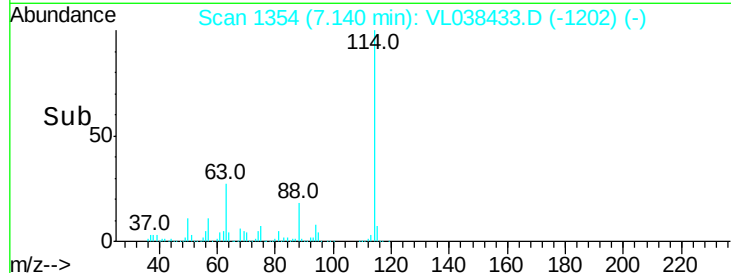
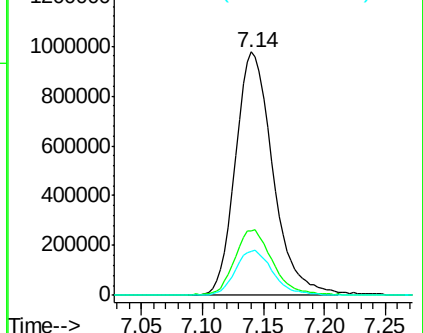
Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.2	33.2
88	18.8	15.2	22.8



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

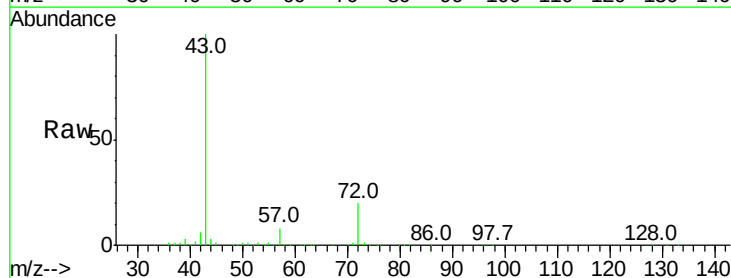
Ion 88.10 (87.80 to 88.80): VL0



#34
 2-Butanone
 Concen: 10.17 ppbv
 RT: 5.21 min Scan# 755
 Delta R.T.: -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

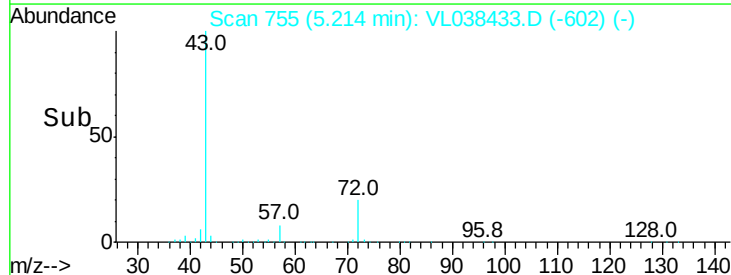
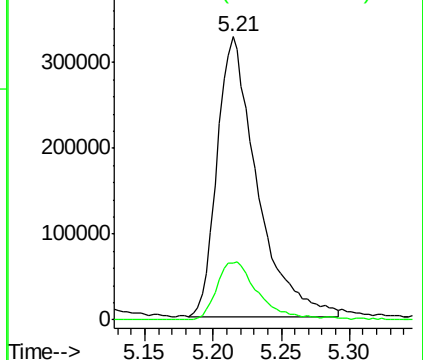
Tgt Ion: 43 Resp: 666272

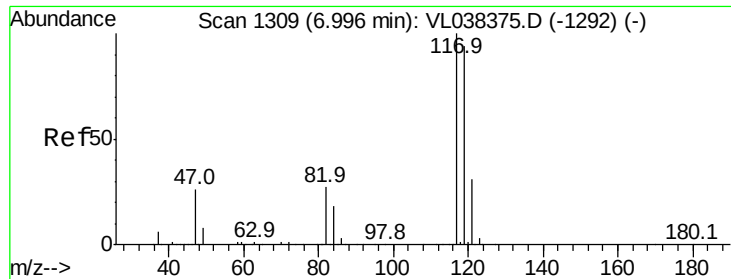
Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.4	26.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

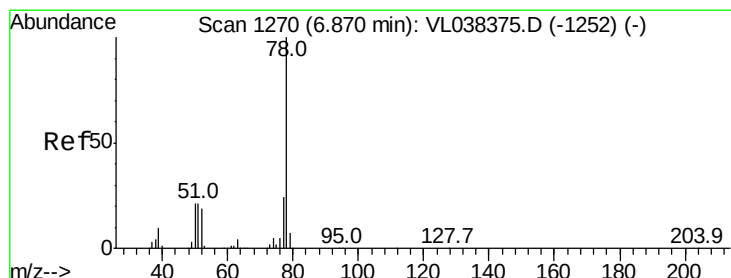
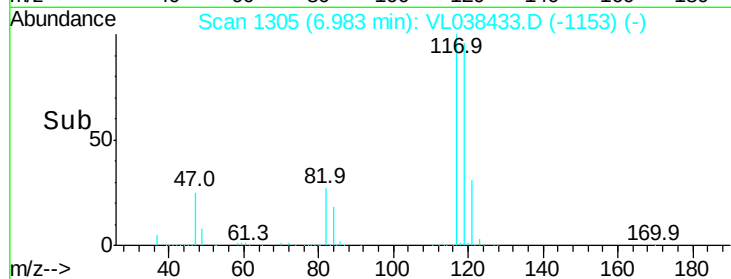
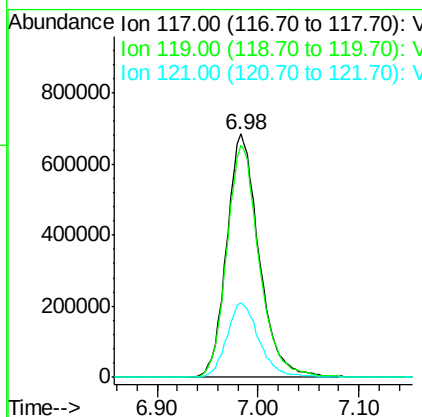
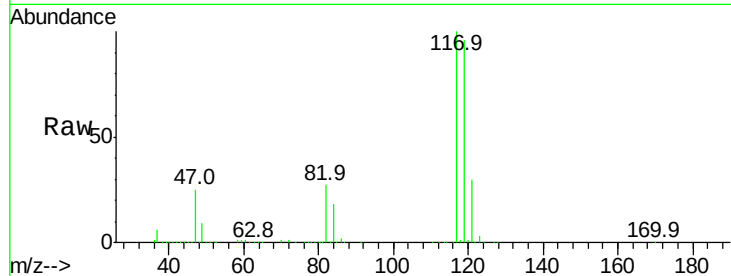
Ion 72.10 (71.80 to 72.80): VL0





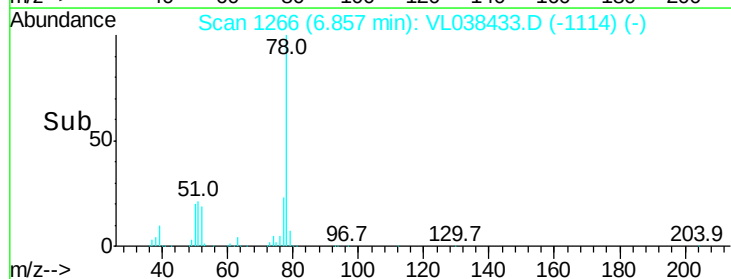
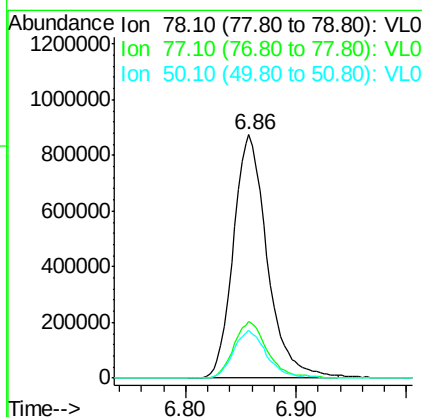
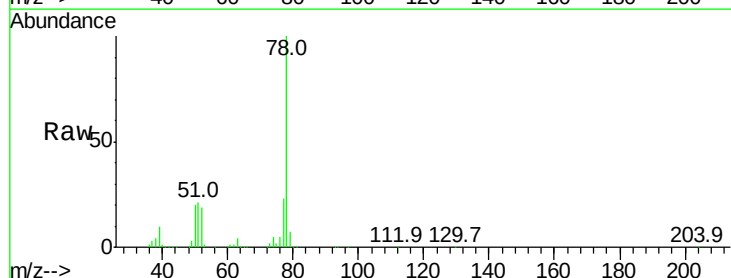
#35
 Carbon Tetrachloride
 Concen: 10.43 ppbv
 RT: 6.98 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

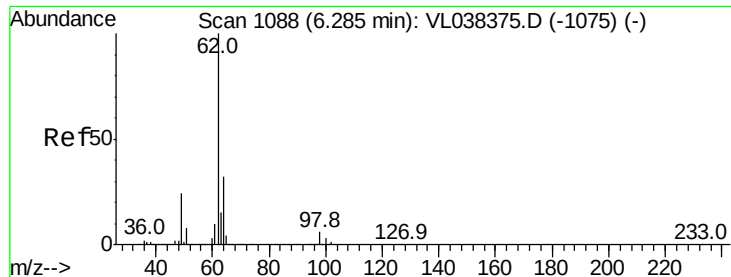
Tgt Ion: 117 Resp: 1528160
 Ion Ratio Lower Upper
 117 100
 119 95.5 74.9 112.3
 121 30.5 24.8 37.2



#36
 Benzene
 Concen: 10.13 ppbv
 RT: 6.86 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

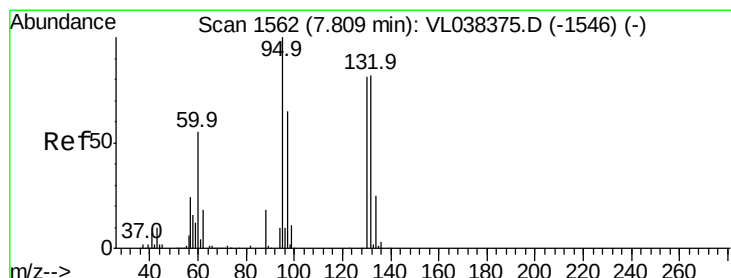
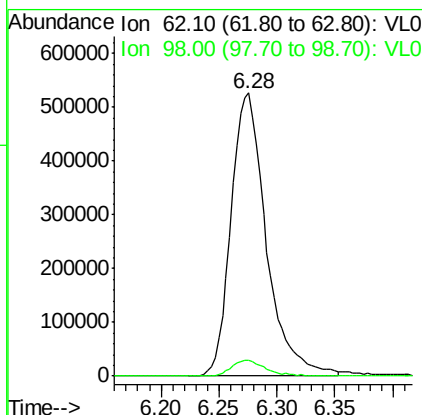
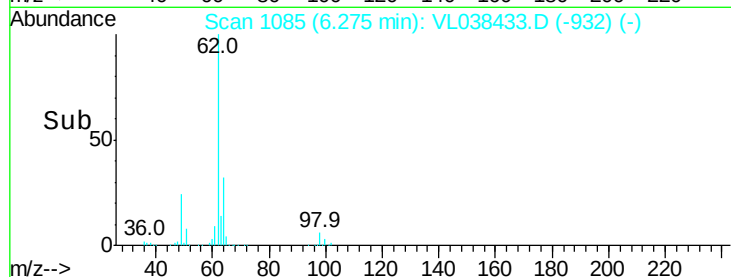
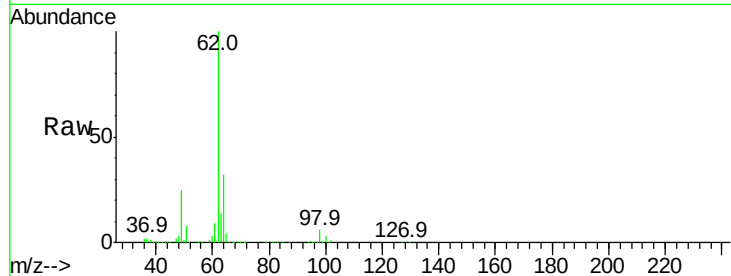
Tgt Ion: 78 Resp: 1857668
 Ion Ratio Lower Upper
 78 100
 77 23.0 19.0 28.6
 50 19.7 16.6 24.8





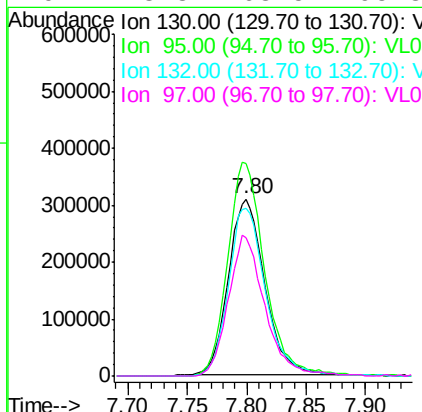
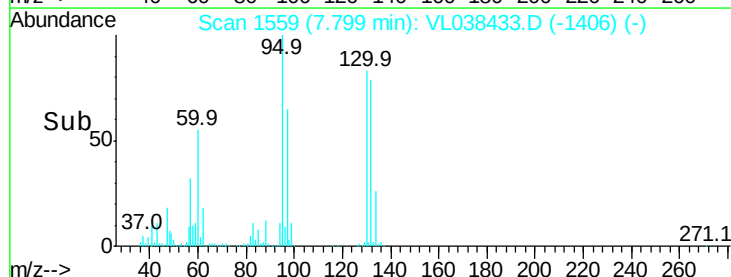
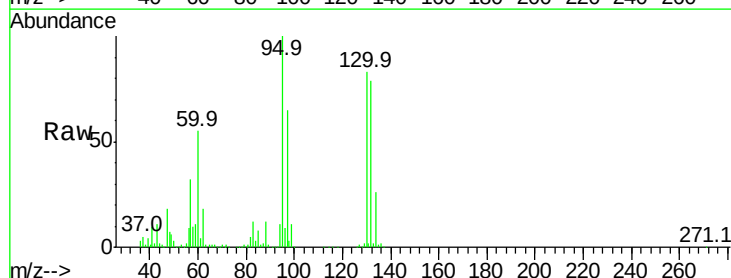
#37
 1,2-Dichloroethane
 Concen: 10.49 ppbv
 RT: 6.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0224ABS01
 Acq: 24 Feb 2022 13:16

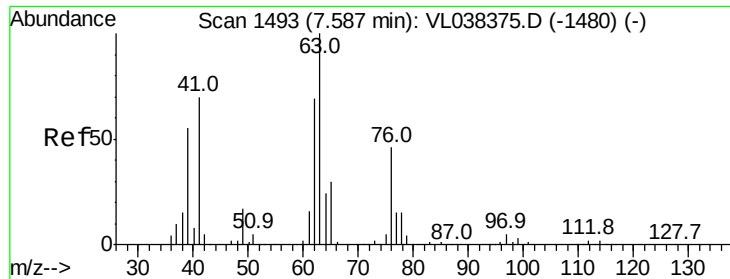
Tgt Ion: 62 Resp: 1111480
 Ion Ratio Lower Upper
 62 100
 98 5.7 4.6 7.0



#38
 Trichloroethene
 Concen: 9.83 ppbv
 RT: 7.80 min Scan# 1559
 Delta R.T.: -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

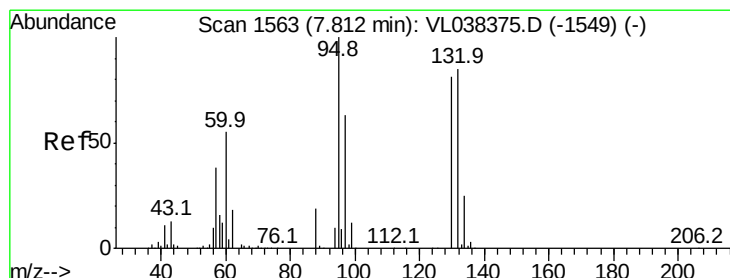
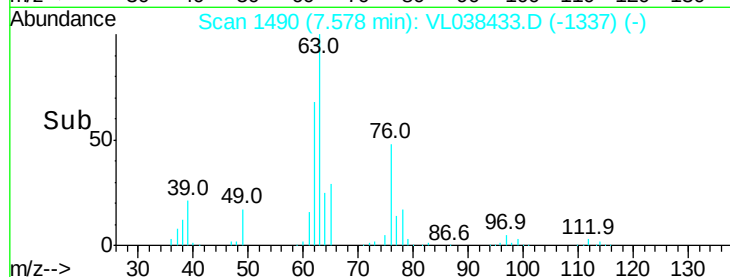
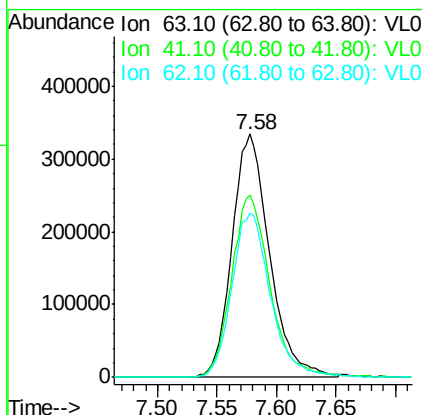
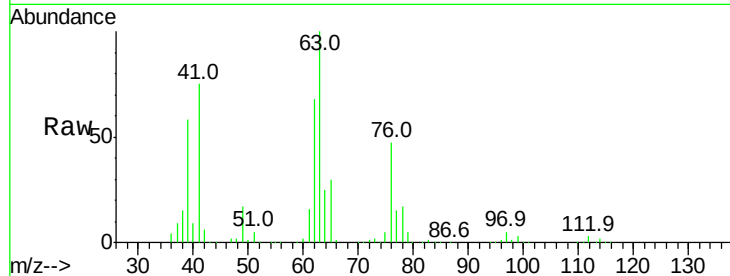
Tgt Ion: 130 Resp: 656220
 Ion Ratio Lower Upper
 130 100
 95 120.5 98.1 147.1
 132 95.3 80.3 120.5
 97 78.8 63.5 95.3





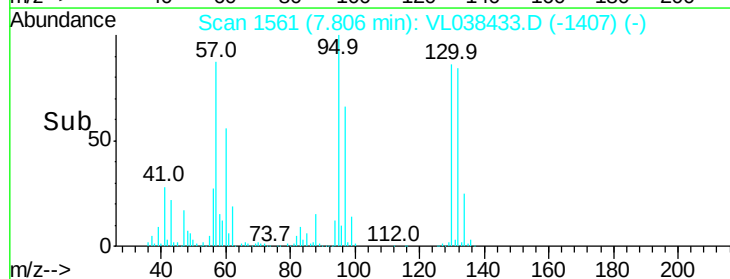
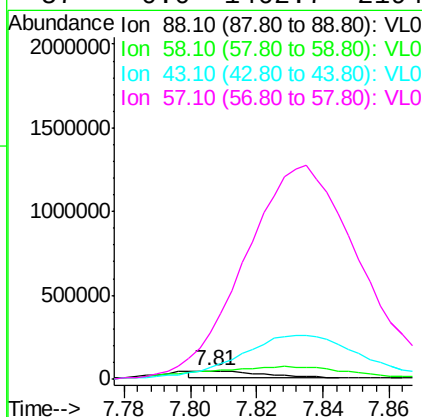
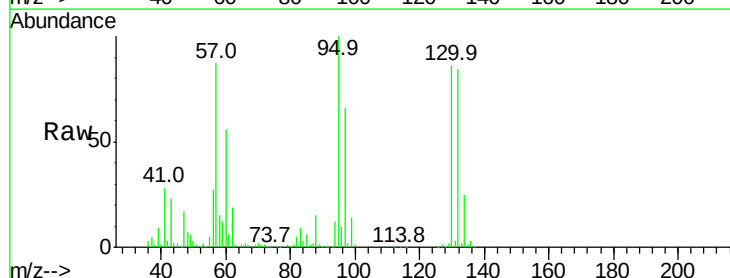
#39
 1,2-Dichloropropane
 Concen: 9.97 ppbv
 RT: 7.58
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0224ABS01
 Acq: 24 Feb 2022 13:16

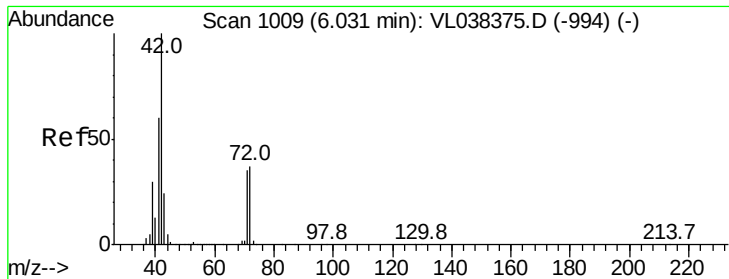
Tgt Ion	Ratio	Lower	Upper
63	100		
41	74.6	56.1	84.1
62	67.7	55.5	83.3



#40
 1,4-Dioxane
 Concen: 2.79 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	133.2	199.8#
43	0.0	330.6	496.0#
57	0.0	1462.7	2194.1#





#41

Tetrahydrofuran

Concen: 10.48 ppbv

RT: 6.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Feb 2022 13:16 VL0224ABS01

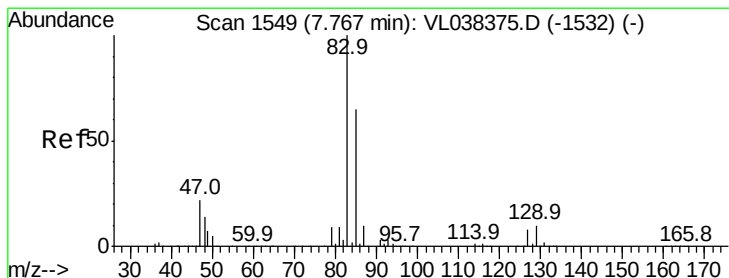
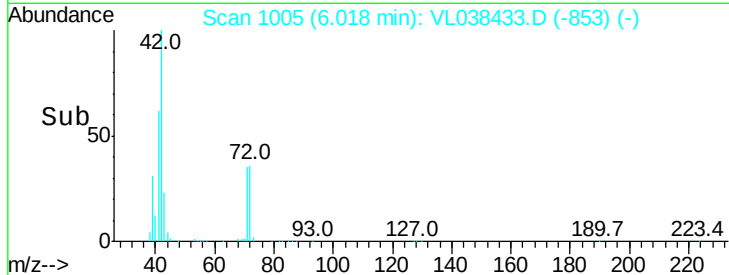
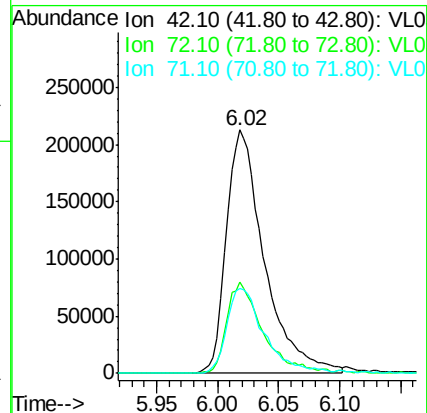
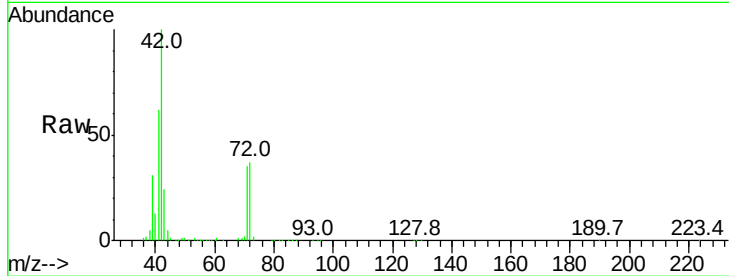
Tgt Ion: 42 Resp: 463926

Ion Ratio Lower Upper

42 100

72 36.3 29.9 44.9

71 35.3 28.6 42.8



#42

Bromodichloromethane

Concen: 10.30 ppbv

RT: 7.75 min Scan# 1545

Delta R.T. -0.01 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

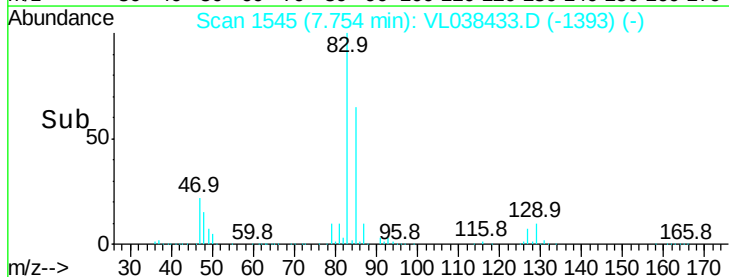
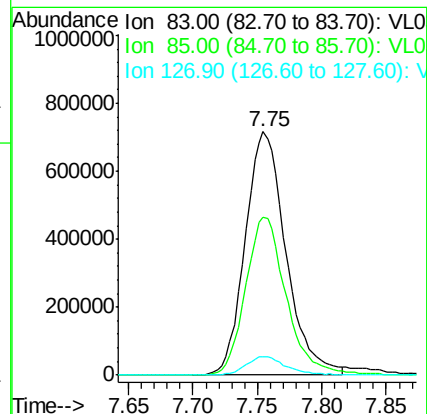
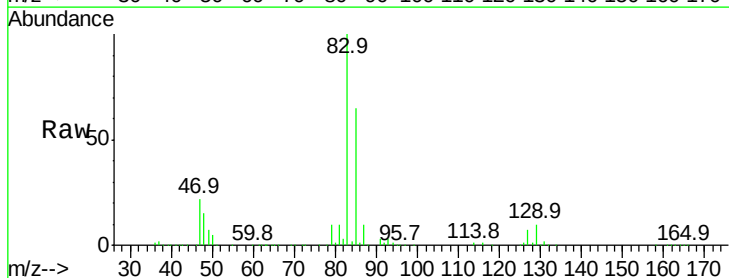
Tgt Ion: 83 Resp: 1575733

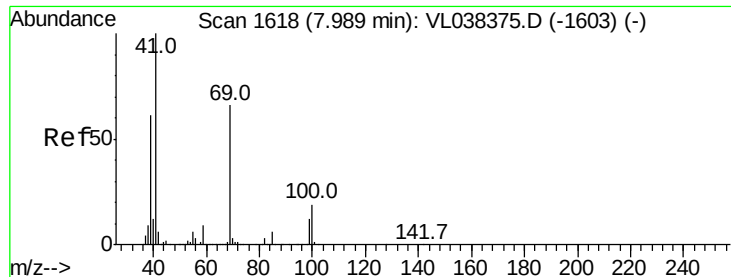
Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

127 7.3 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.81 ppbv

RT: 7.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

VL0224ABS01

Acq: 24 Feb 2022 13:10

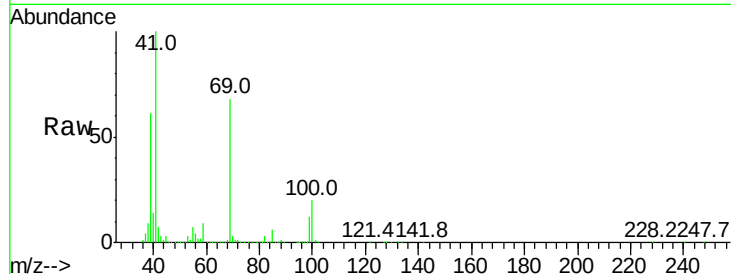
Tgt Ion: 69 Resp: 689061

Ion Ratio Lower Upper

69 100

41 154.2 122.9 184.3

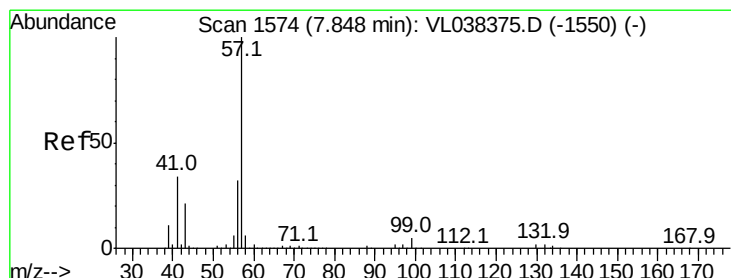
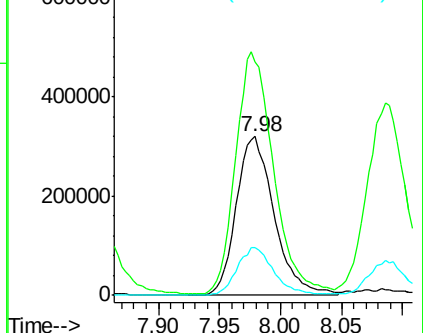
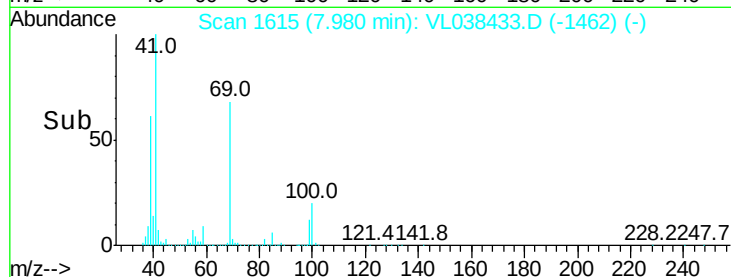
100 29.3 23.6 35.4



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 10.09 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

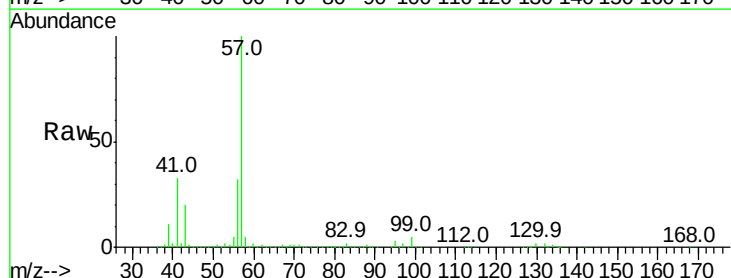
Tgt Ion: 57 Resp: 3179930

Ion Ratio Lower Upper

57 100

41 33.7 26.6 39.8

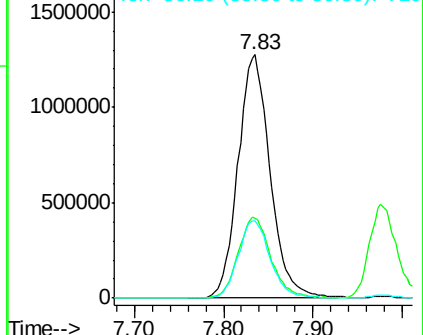
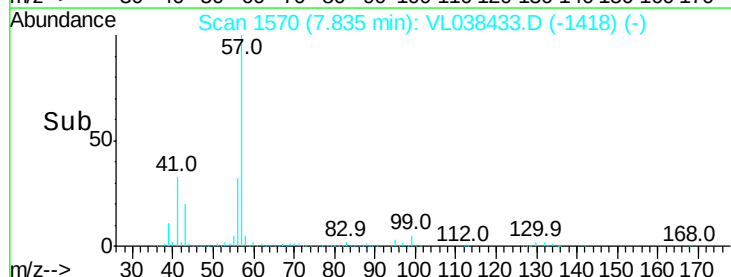
56 31.9 25.0 37.6

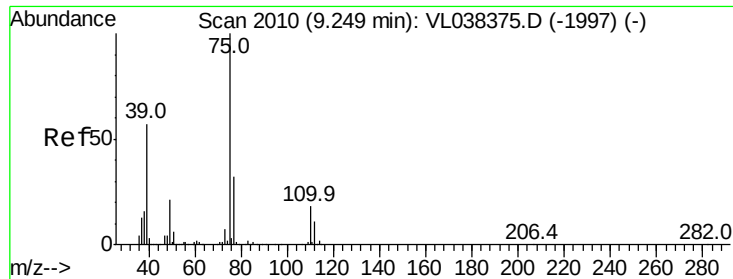


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

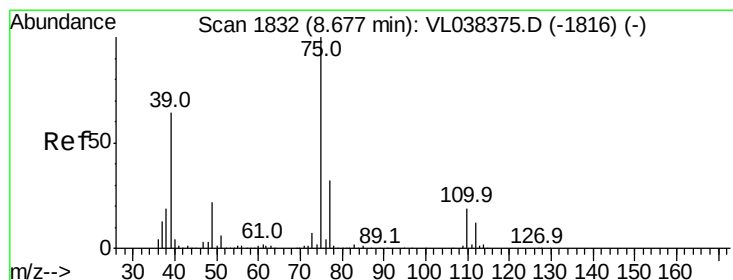
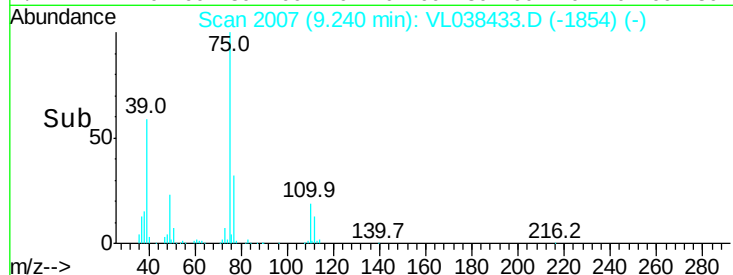
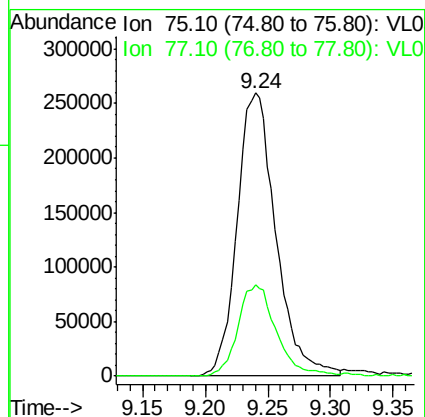
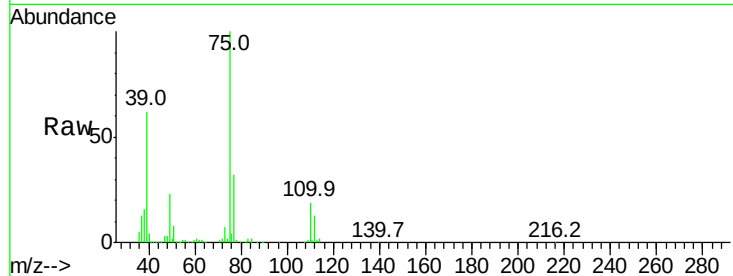
Ion 56.10 (55.80 to 56.80): VL0





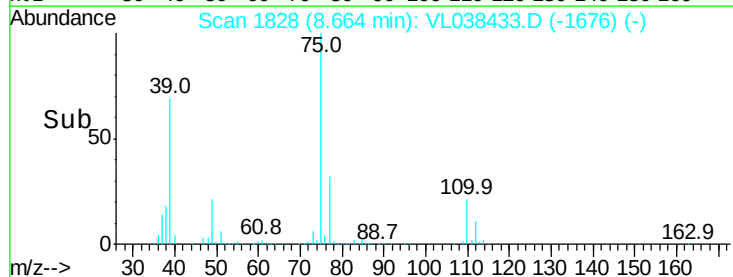
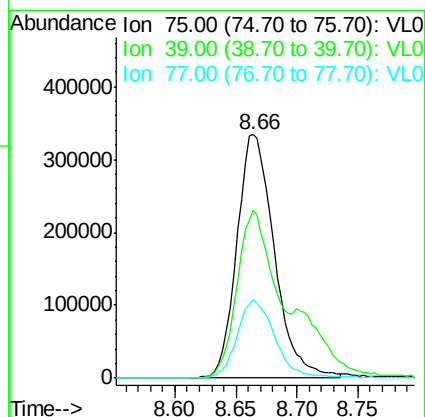
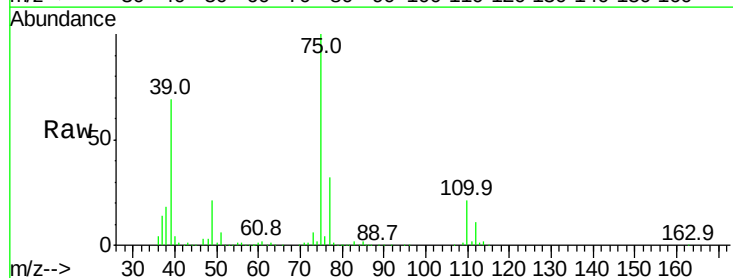
#45
t-1,3-Dichloropropene
Concen: 10.92 ppbv
RT: 9.24
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

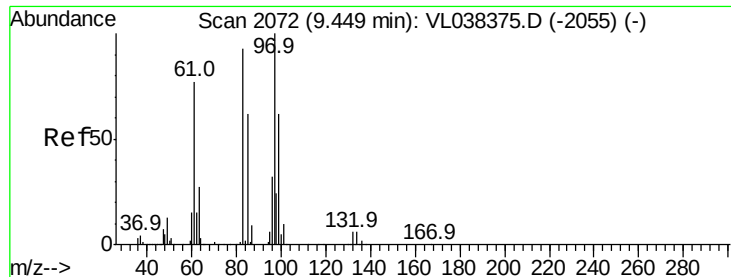
Tgt Ion: 75 Resp: 556463
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#46
cis-1,3-Dichloropropene
Concen: 10.65 ppbv
RT: 8.66 min Scan# 1828
Delta R.T. -0.01 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

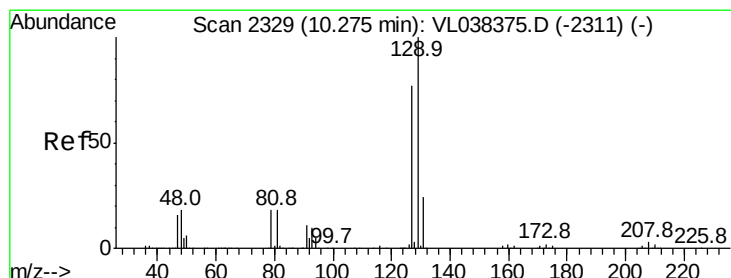
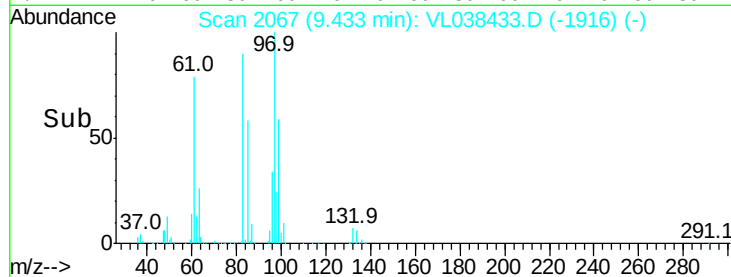
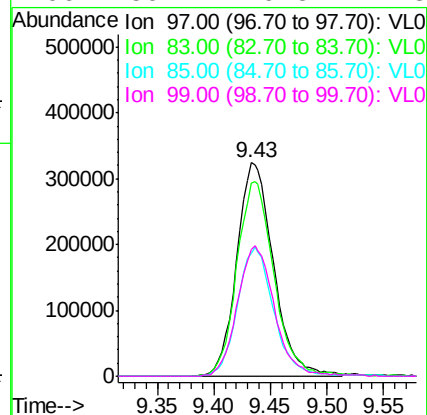
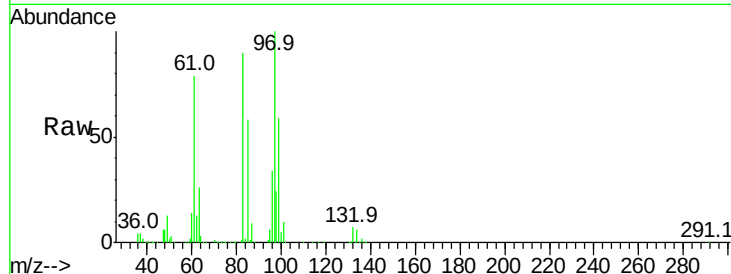
Tgt Ion: 75 Resp: 711124
Ion Ratio Lower Upper
75 100
39 69.2 51.4 77.2
77 32.2 25.4 38.2





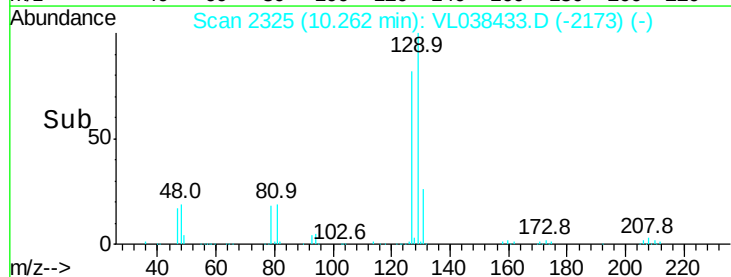
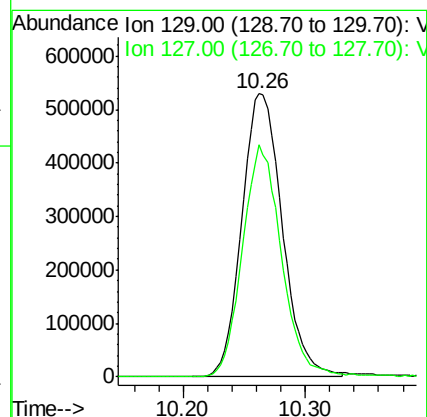
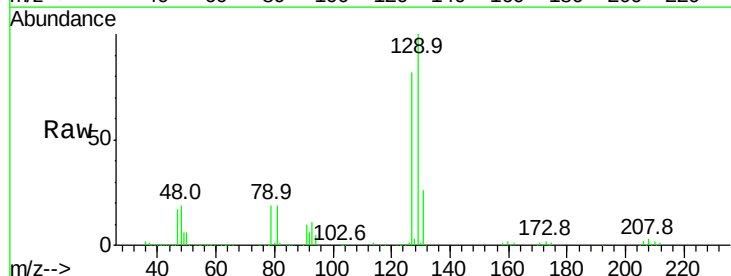
#47
 1,1,2-Trichloroethane
 Concen: 10.08 ppbv
 RT: 9.43
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0224ABS01
 Acq: 24 Feb 2022 13:16

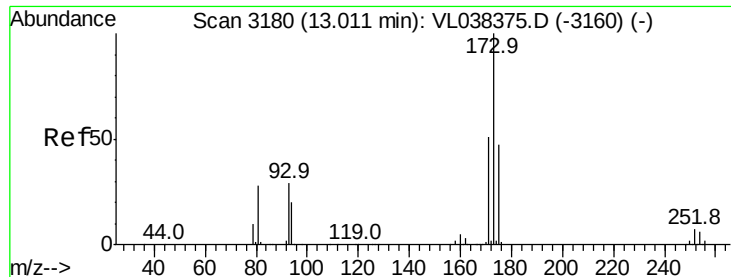
Tgt Ion:	97	Resp:	732265
Ion	Ratio	Lower	Upper
97	100		
83	90.3	74.2	111.4
85	57.8	49.8	74.8
99	59.2	49.5	74.3



#48
 Dibromochloromethane
 Concen: 10.21 ppbv
 RT: 10.26 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion:	129	Resp:	1213511
Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.4	118.1





#49

Bromoform

Concen: 9.43 ppbv

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Feb 2022 13:16

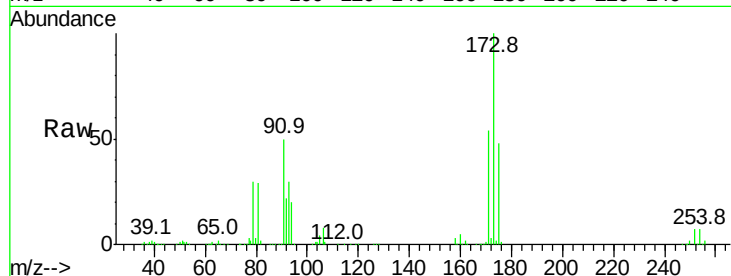
Tgt Ion: 173 Resp: 826932

Ion Ratio Lower Upper

173 100

175 50.0 40.2 60.2

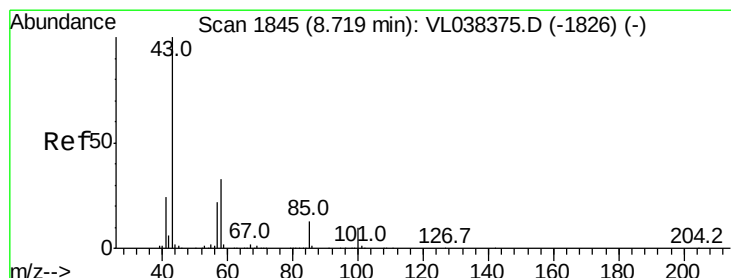
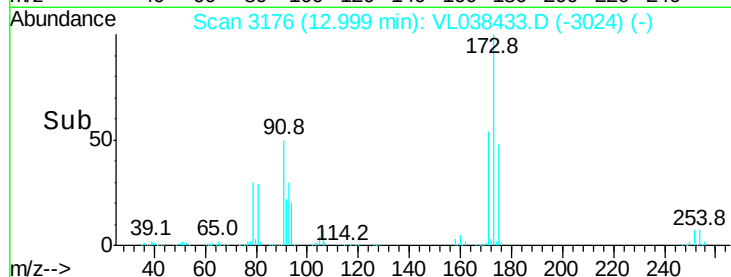
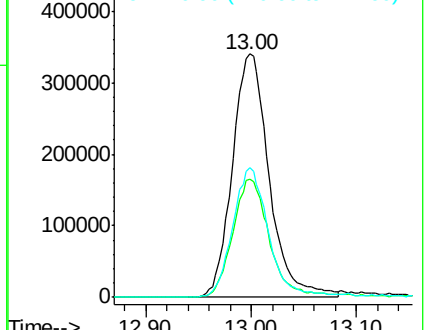
171 53.8 42.7 64.1



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: 11.00 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. -0.02 min

Lab File: VL038433.D

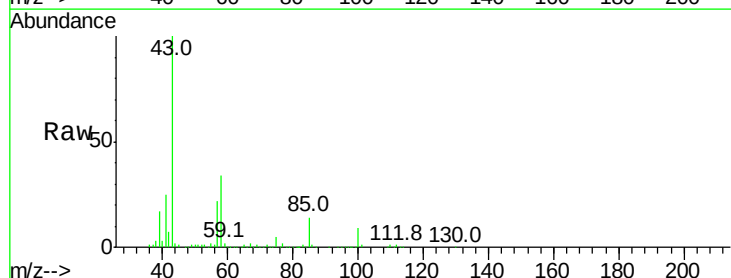
Acq: 24 Feb 2022 13:16

Tgt Ion: 43 Resp: 1273736

Ion Ratio Lower Upper

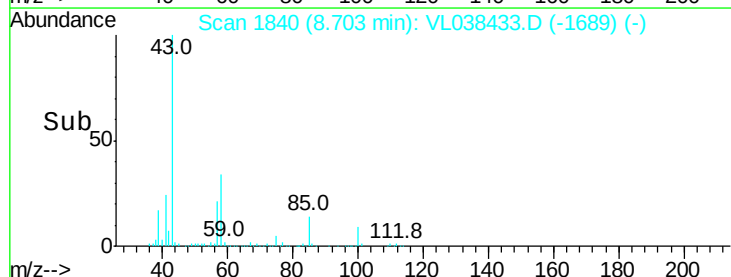
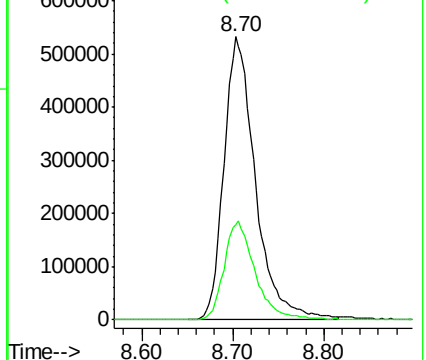
43 100

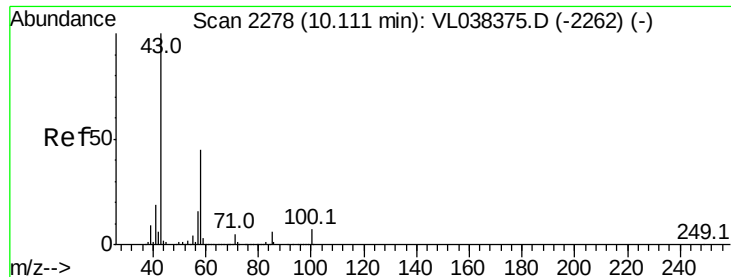
58 34.7 27.7 41.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

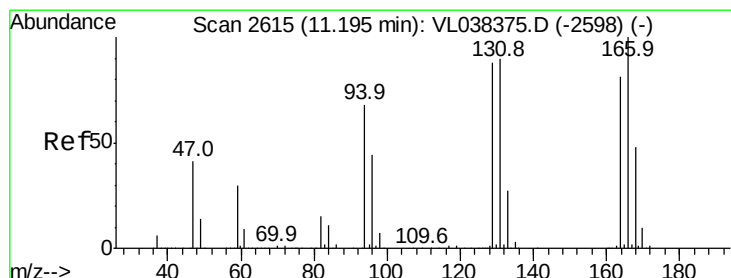
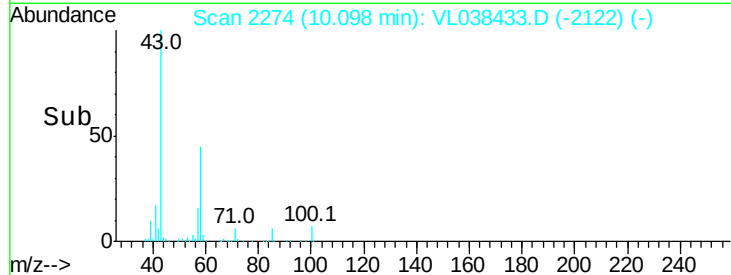
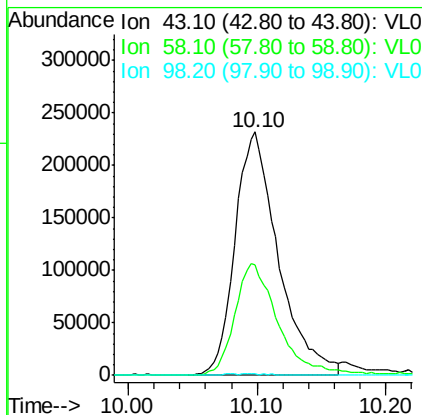
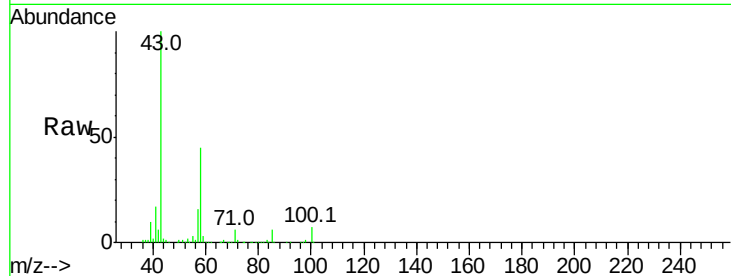
Ion 58.10 (57.80 to 58.80): VL0





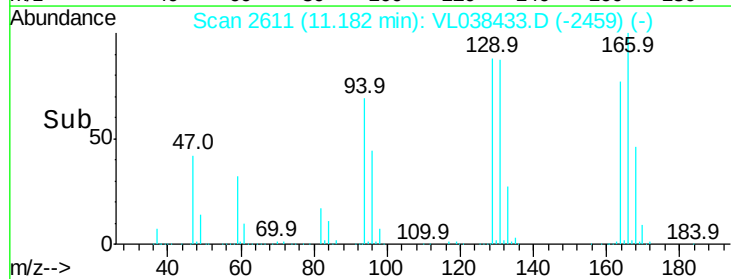
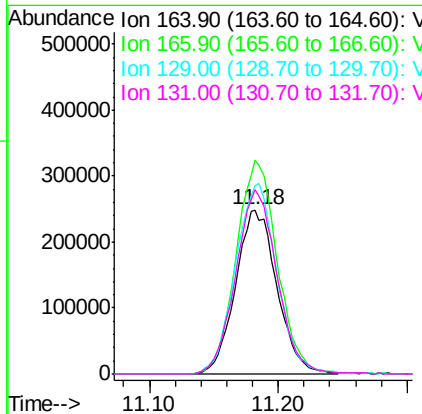
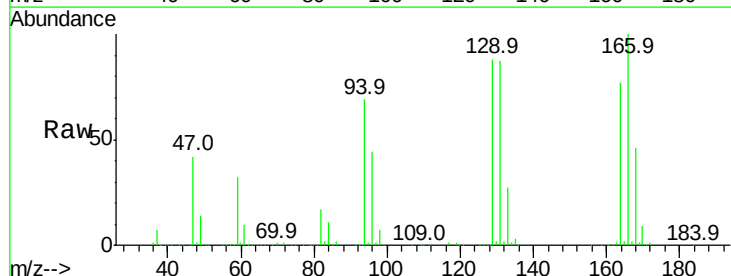
#51
 2-Hexanone
 Concen: 10.44 ppbv
 RT: 10.10 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

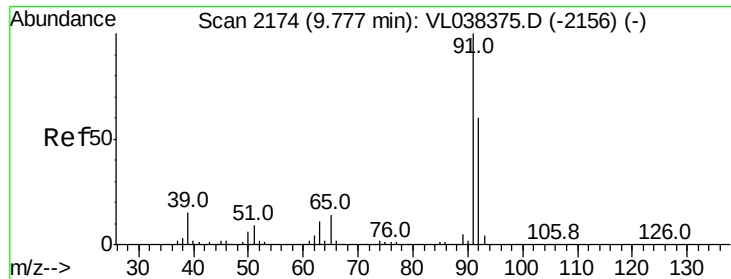
Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.2	37.4	56.0
98	0.7	0.1	0.1#



#52
 Tetrachloroethene
 Concen: 9.13 ppbv
 RT: 11.18 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	98.6	148.0
129	113.8	86.9	130.3
131	112.4	88.6	133.0





#53

Toluene

Concen: 10.27 ppbv

RT: 9.77

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

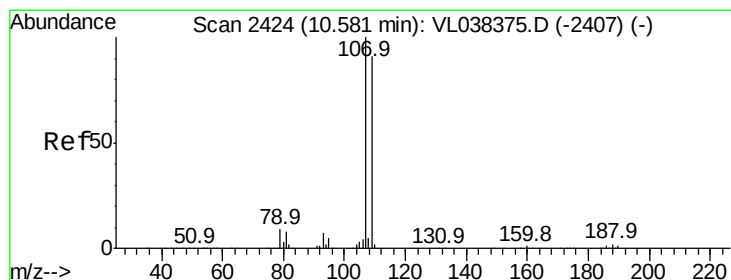
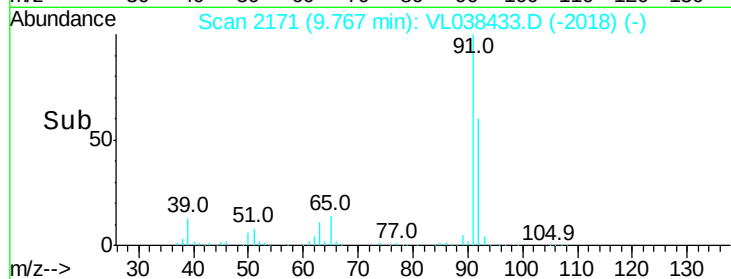
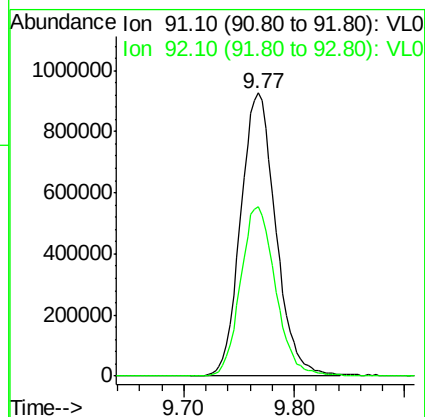
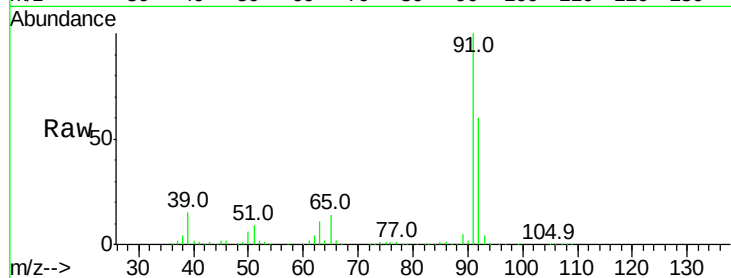
Acq: 24 Feb 2022 13:16

Tgt Ion: 91 Resp: 2043791

Ion Ratio Lower Upper

91 100

92 60.0 48.2 72.4



#54

1,2-Dibromoethane

Concen: 10.18 ppbv

RT: 10.57 min Scan# 2421

Delta R.T. -0.01 min

Lab File: VL038433.D

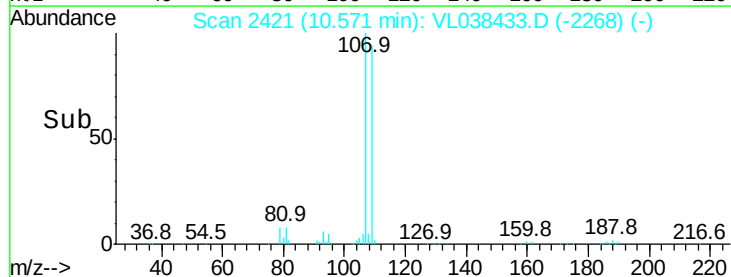
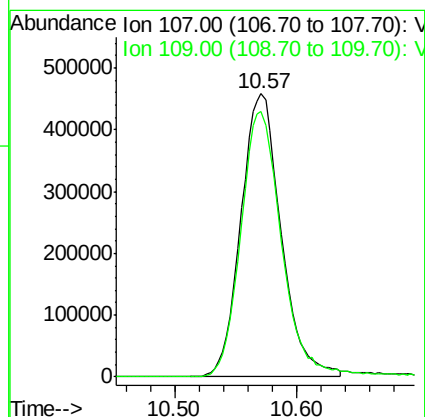
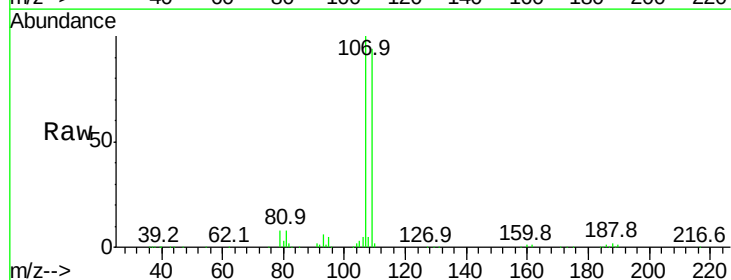
Acq: 24 Feb 2022 13:16

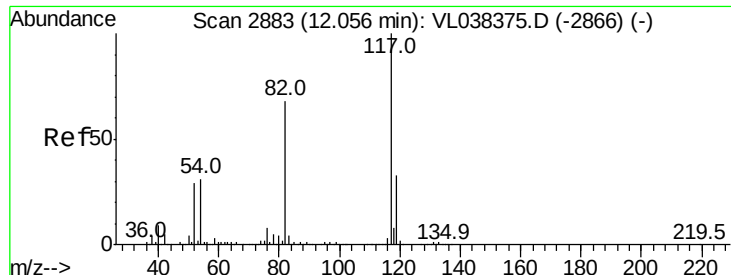
Tgt Ion: 107 Resp: 1041653

Ion Ratio Lower Upper

107 100

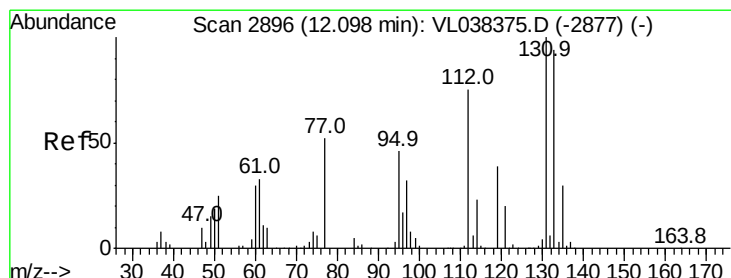
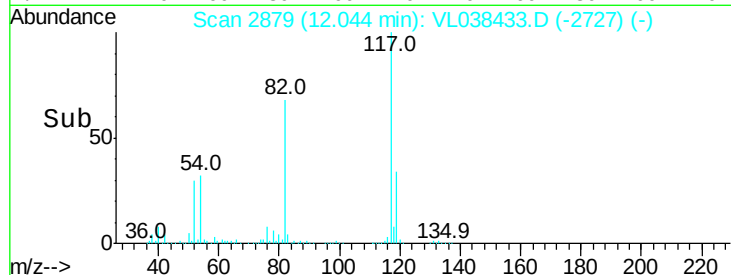
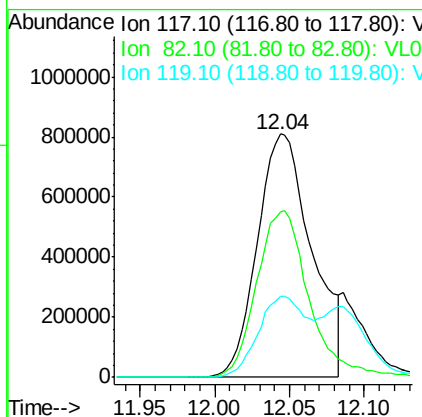
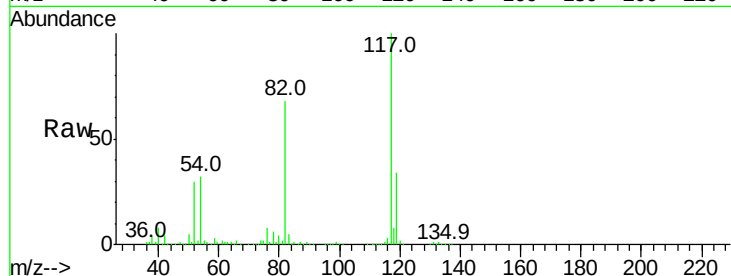
109 93.9 73.0 109.6





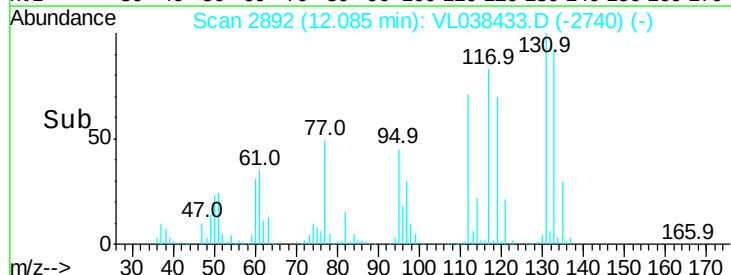
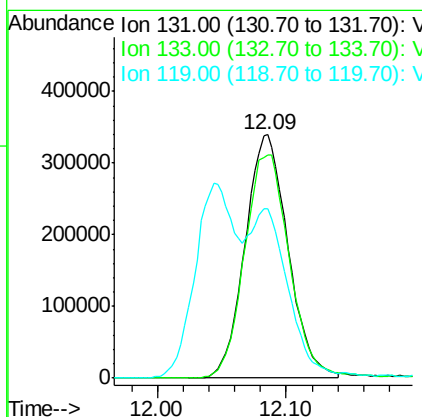
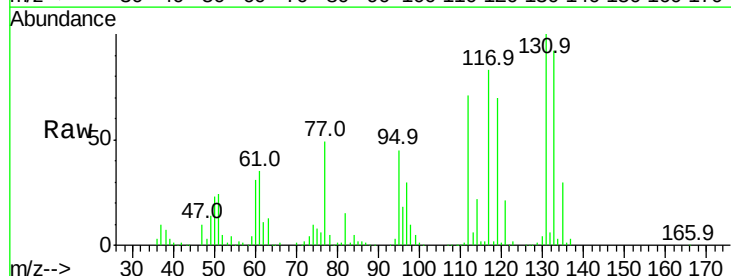
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.04 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

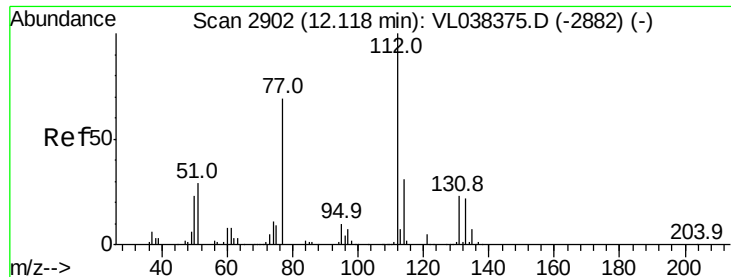
Tgt Ion:117 Resp: 2047236
Ion Ratio Lower Upper
117 100
82 67.1 54.9 82.3
119 29.7 46.1 69.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 9.24 ppbv
RT: 12.09 min Scan# 2892
Delta R.T.: -0.01 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

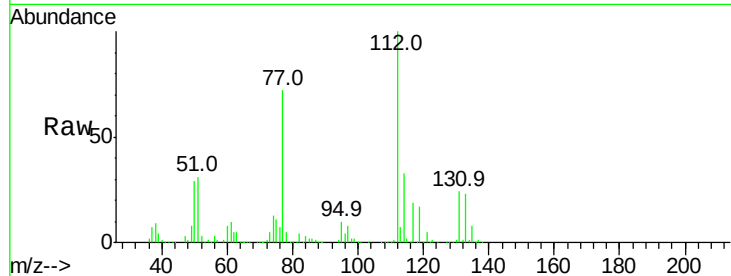
Tgt Ion:131 Resp: 788332
Ion Ratio Lower Upper
131 100
133 97.9 77.3 115.9
119 60.1 48.6 73.0



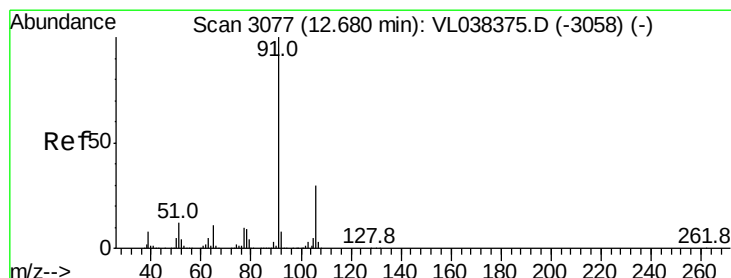
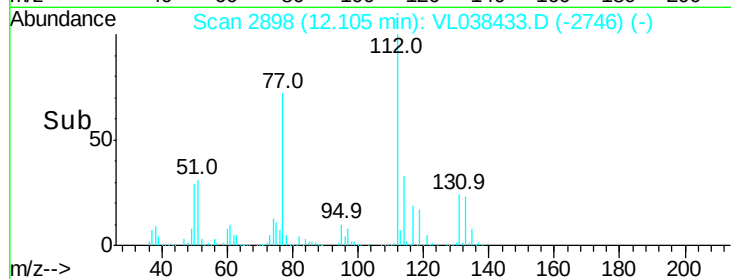
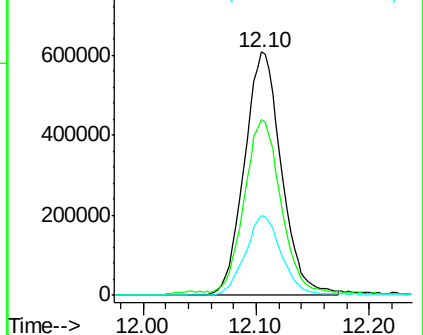


#57
Chlorobenzene
Concen: 8.80 ppbv
RT: 12.10
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

Tgt Ion: 112 Resp: 1390041
Ion Ratio Lower Upper
112 100
77 70.7 55.2 82.8
114 32.9 27.9 34.1

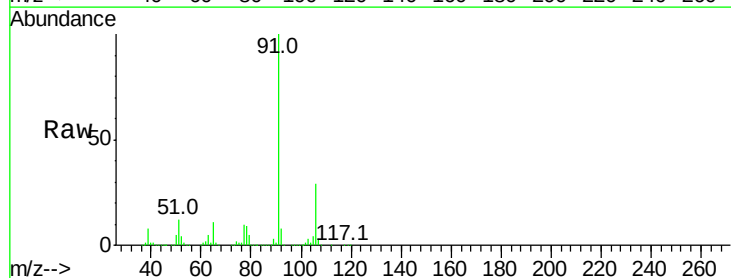


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

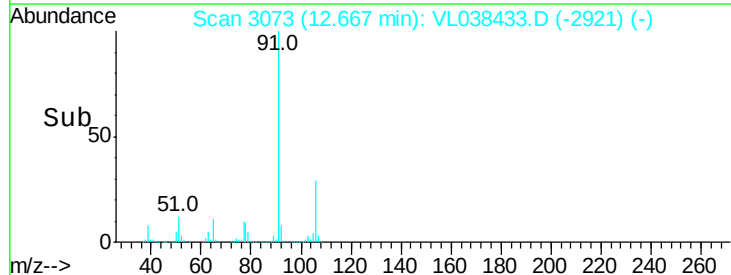
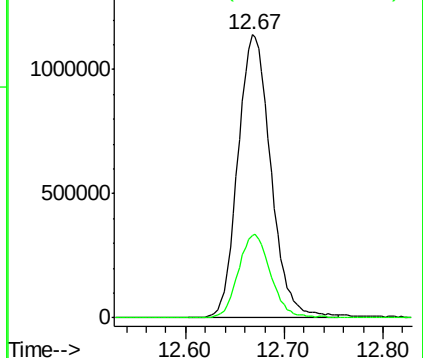


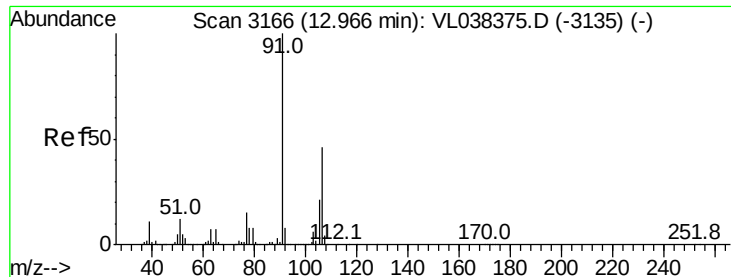
#58
Ethyl Benzene
Concen: 9.43 ppbv
RT: 12.67 min Scan# 3073
Delta R.T. -0.01 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion: 91 Resp: 2640324
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0



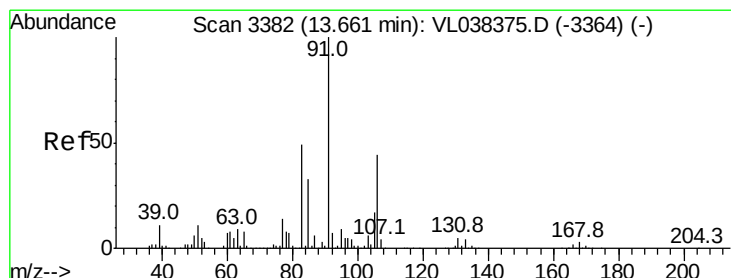
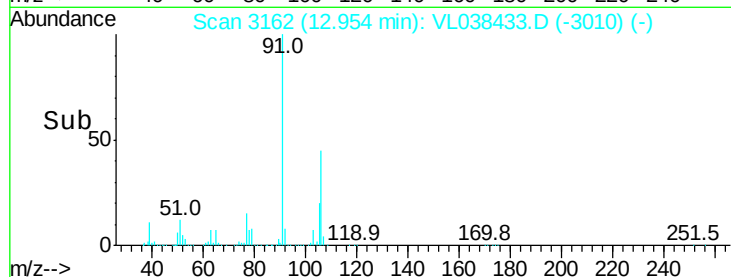
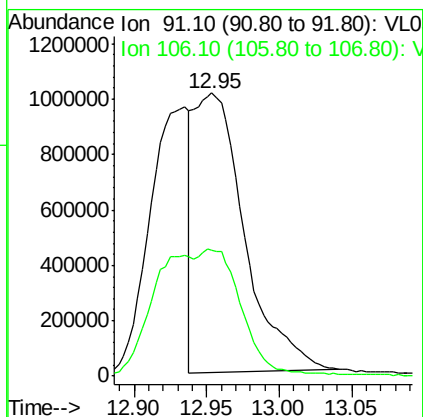
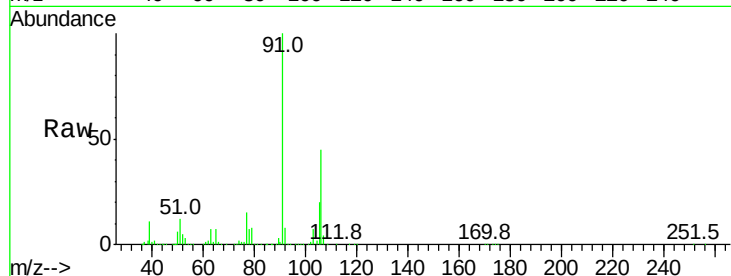
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





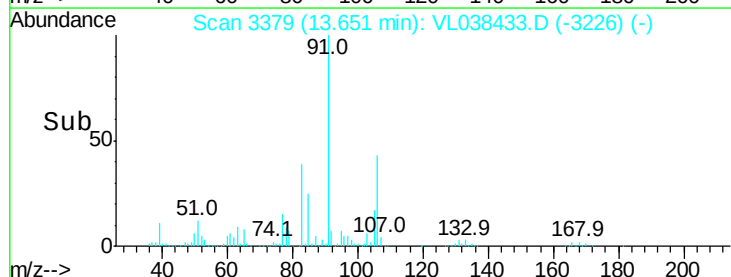
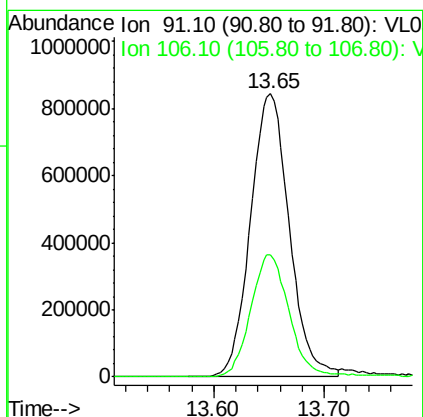
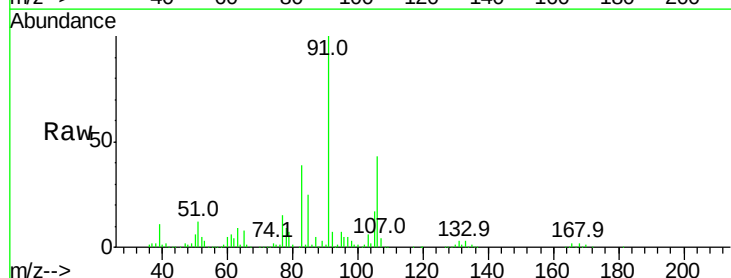
#59
m/p-Xylene
Concen: 10.17 ppbv
RT: 12.95 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

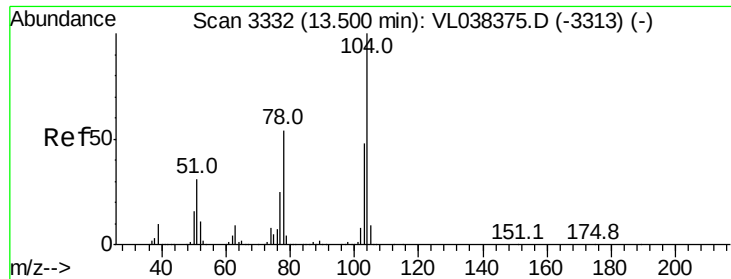
Tgt Ion: 91 Resp: 2443965
Ion Ratio Lower Upper
91 100
106 77.3 34.4 51.6#



#60
o-Xylene
Concen: 9.02 ppbv
RT: 13.65 min Scan# 3379
Delta R.T.: -0.01 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion: 91 Resp: 2050142
Ion Ratio Lower Upper
91 100
106 44.0 21.9 65.5





#61

Styrene

Concen: 9.47 ppbv

RT: 13.49

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VL0224ABS01

Acq: 24 Feb 2022 13:16

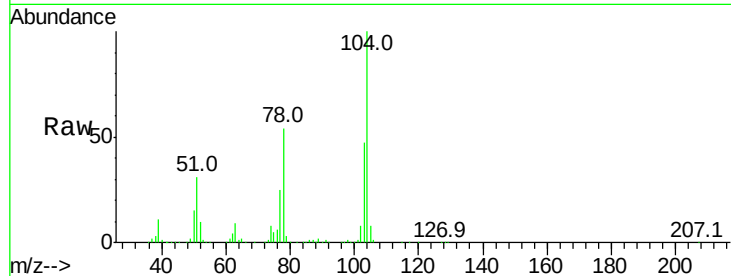
Tgt Ion:104 Resp: 992593

Ion Ratio Lower Upper

104 100

78 57.2 44.2 66.4

103 48.3 38.4 57.6



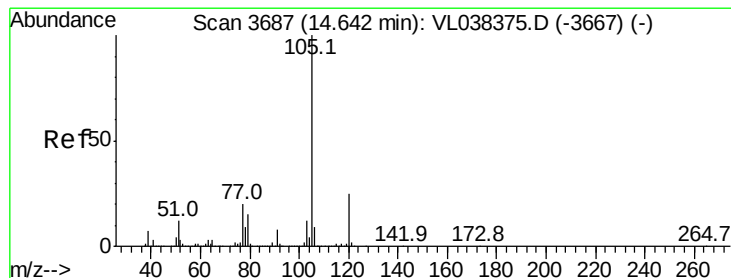
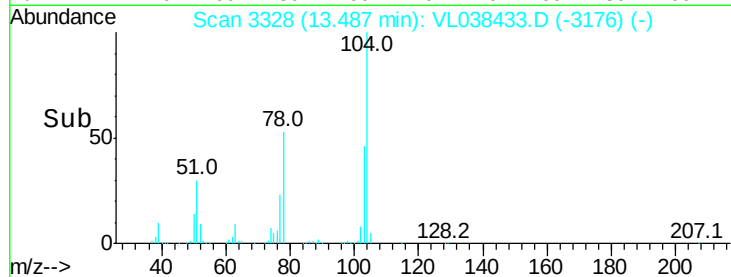
Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): V

Ion 103.10 (102.80 to 103.80): V

13.49

Time-->



#62

Isopropylbenzene

Concen: 8.79 ppbv

RT: 14.63 min Scan# 3682

Delta R.T. -0.02 min

Lab File: VL038433.D

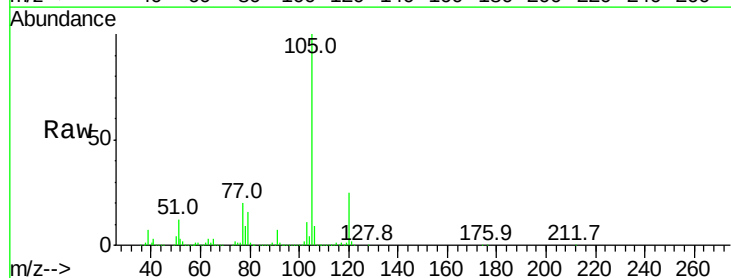
Acq: 24 Feb 2022 13:16

Tgt Ion:105 Resp: 2680434

Ion Ratio Lower Upper

105 100

120 25.1 20.6 30.8

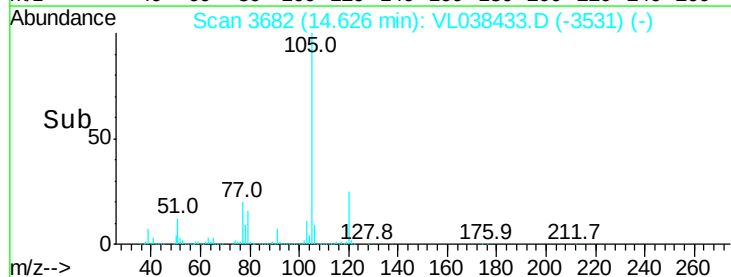


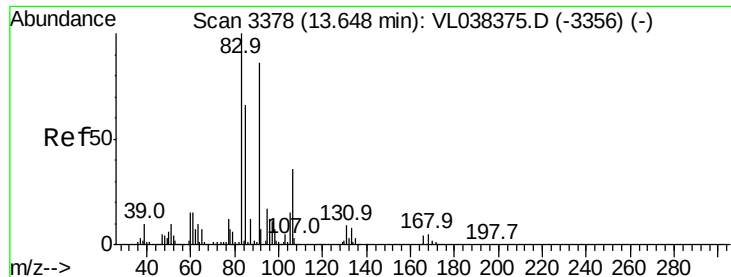
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.63

Time-->

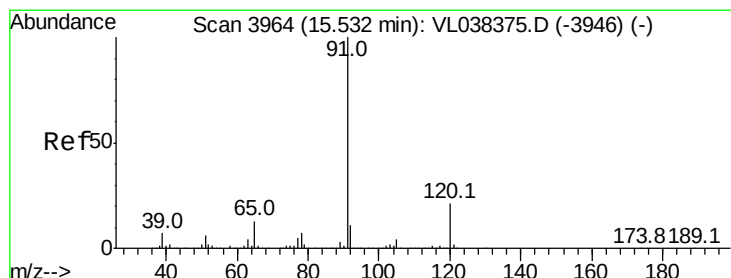
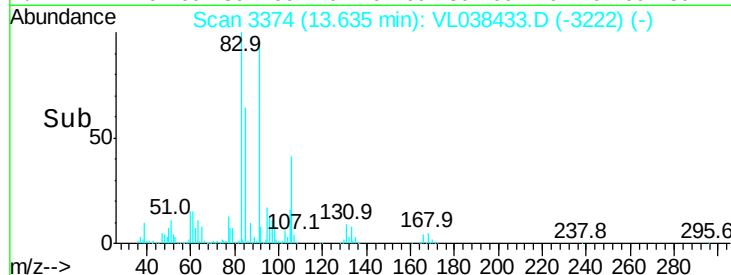
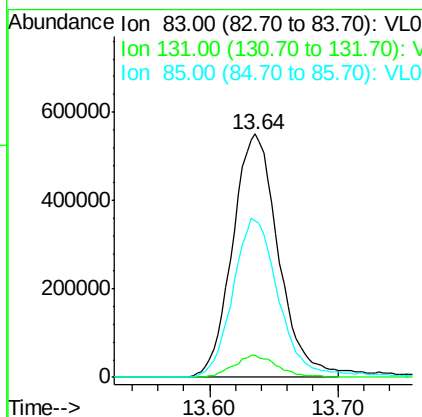
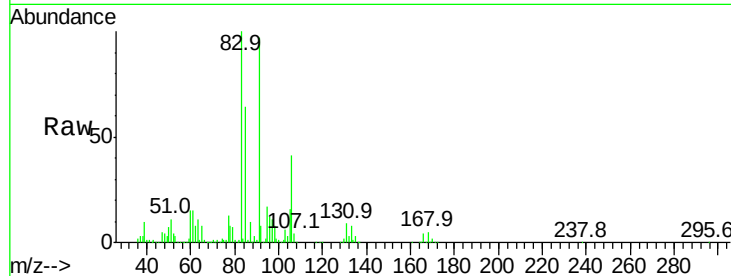




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.28 ppbv
 RT: 13.64
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

Tgt Ion: 83 Resp: 1344092

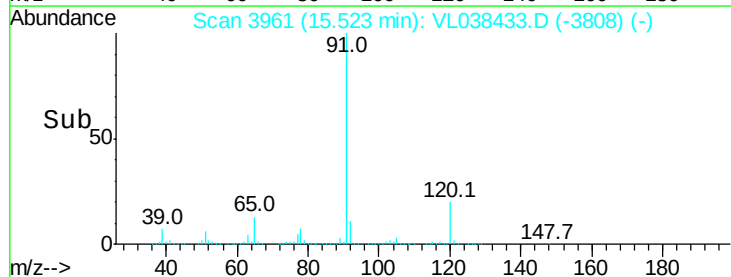
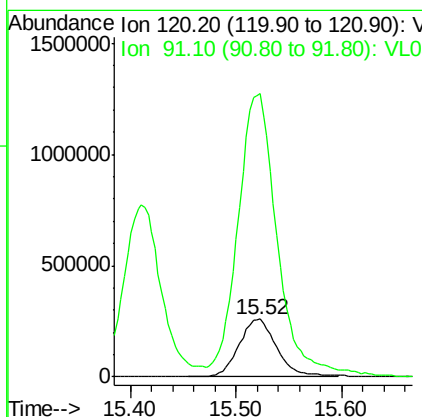
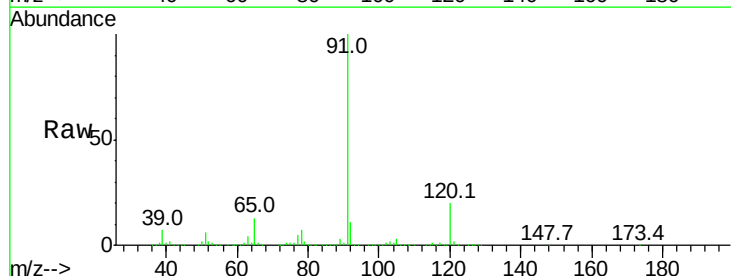
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.7
85	67.7	33.0	99.0

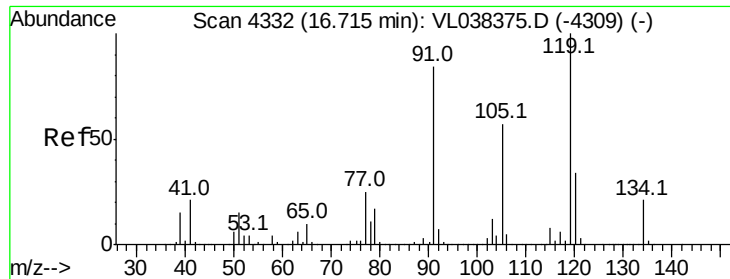


#64
 n-propylbenzene
 Concen: 8.55 ppbv
 RT: 15.52 min Scan# 3961
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion: 120 Resp: 645973

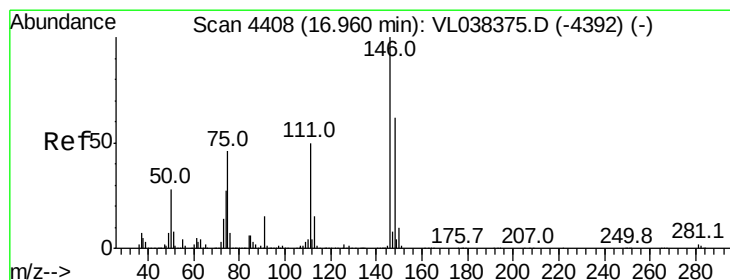
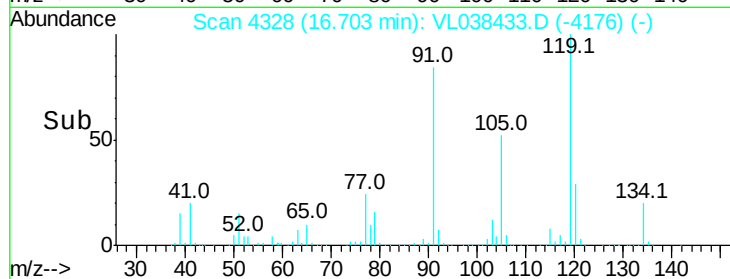
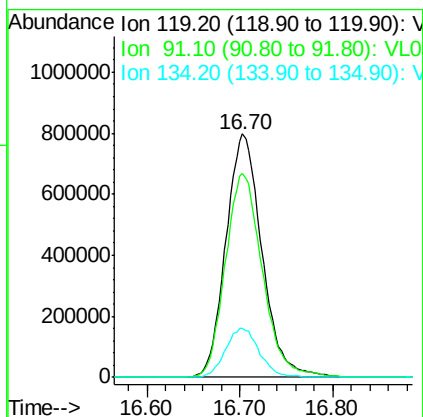
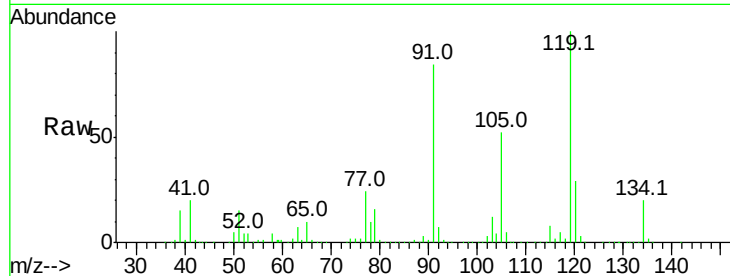
Ion	Ratio	Lower	Upper
120	100		
91	513.8	388.1	582.1





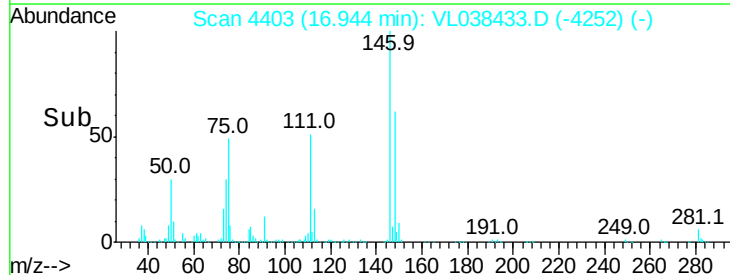
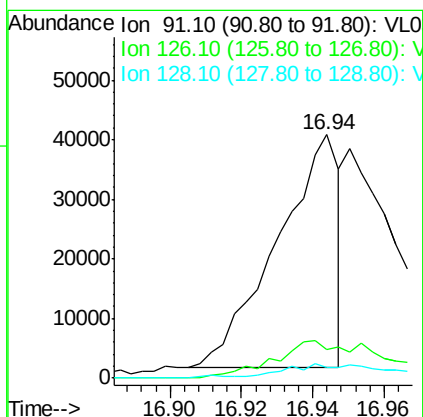
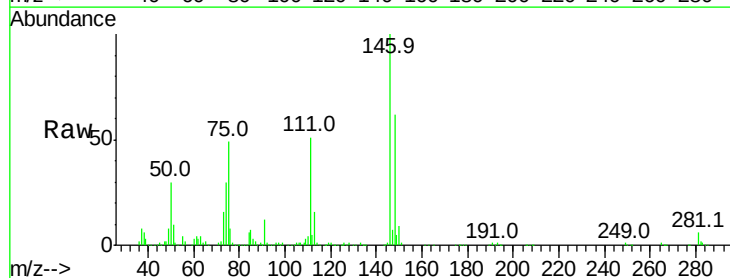
#65
 tert-Butylbenzene
 Concen: 8.13 ppbv
 RT: 16.70
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

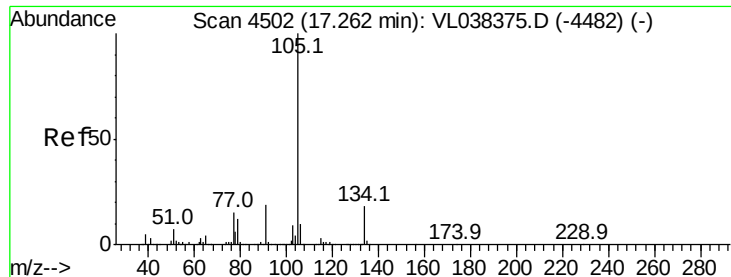
Tgt Ion: 119 Resp: 2147971
 Ion Ratio Lower Upper
 119 100
 91 86.3 68.0 102.0
 134 19.2 15.8 23.8



#66
 Benzyl Chloride
 Concen: 3.30 ppbv
 RT: 16.94 min Scan# 4403
 Delta R.T. -0.02 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion: 91 Resp: 47082
 Ion Ratio Lower Upper
 91 100
 126 31.1 12.3 18.5#
 128 12.5 4.2 6.4#





#67

sec-Butylbenzene

Concen: 8.01 ppbv

RT: 17.25

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

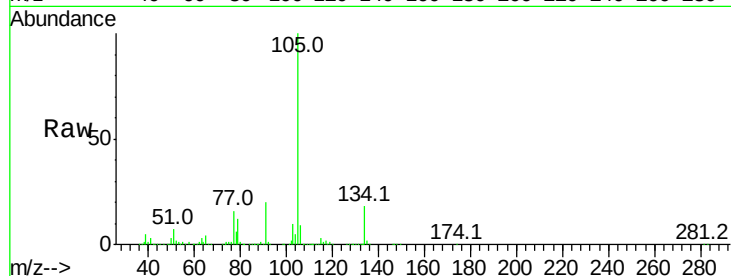
Acq: 24 Feb 2022 13:16

Tgt Ion: 105 Resp: 2999944

Ion Ratio Lower Upper

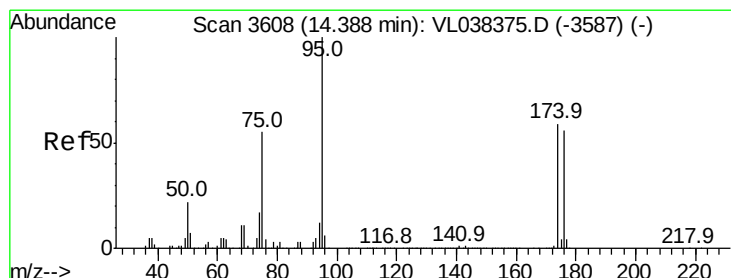
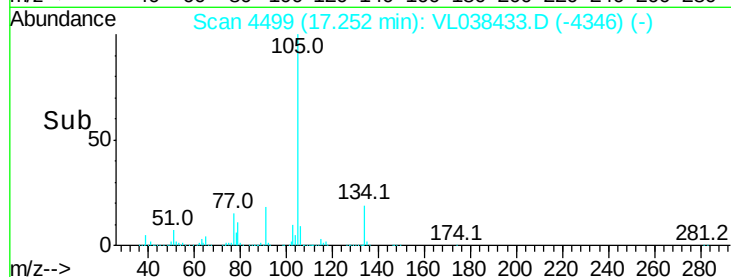
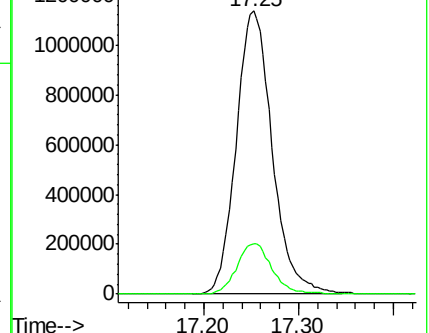
105 100

134 17.5 14.6 21.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.54 ppbv

RT: 14.37 min Scan# 3604

Delta R.T. -0.01 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

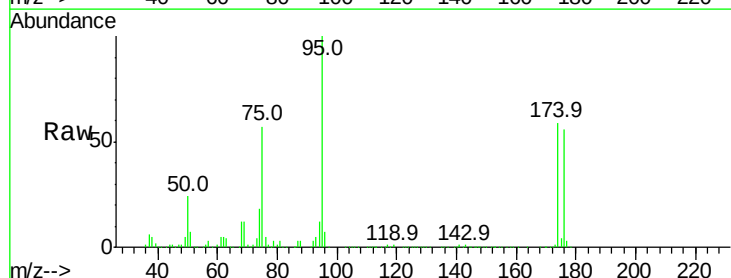
Tgt Ion: 95 Resp: 1615721

Ion Ratio Lower Upper

95 100

174 59.8 49.0 73.4

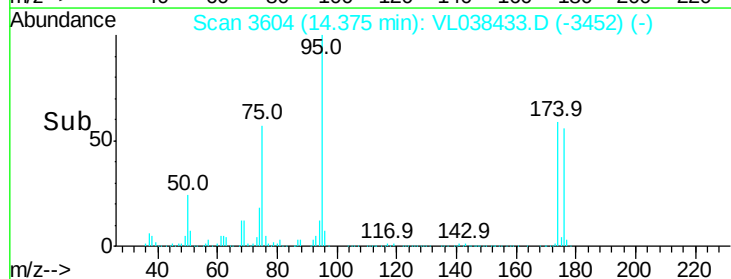
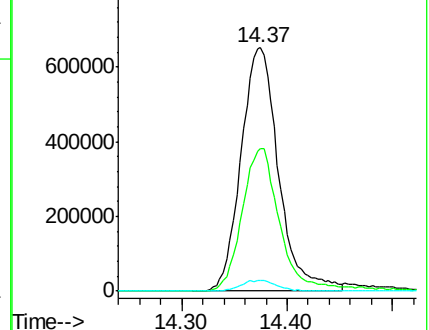
175 4.5 3.6 5.4

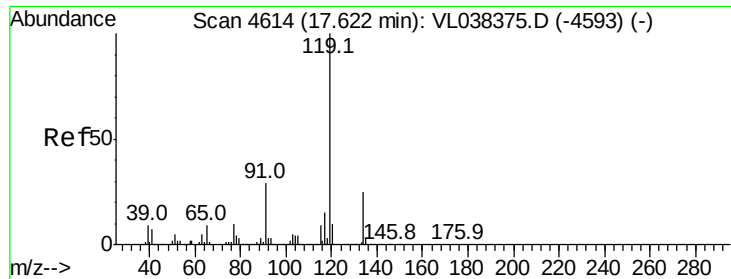


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

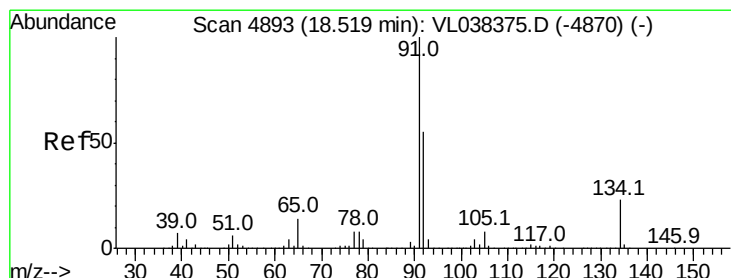
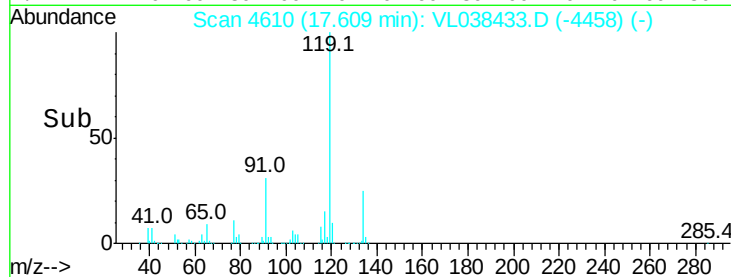
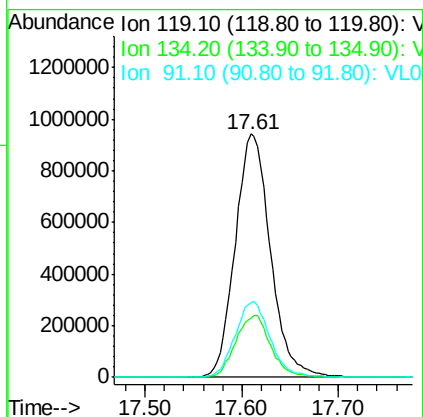
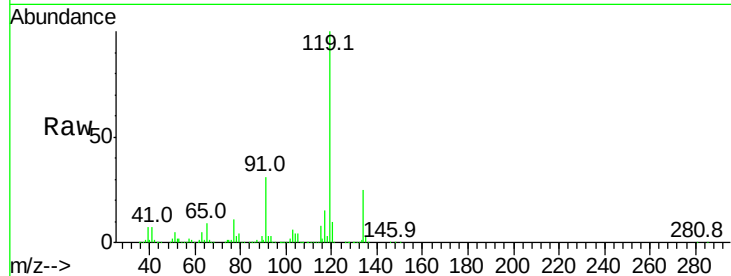




#69
 p-Isopropyltoluene
 Concen: 8.09 ppbv
 RT: 17.61 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:10

Tgt Ion: 119 Resp: 2378680

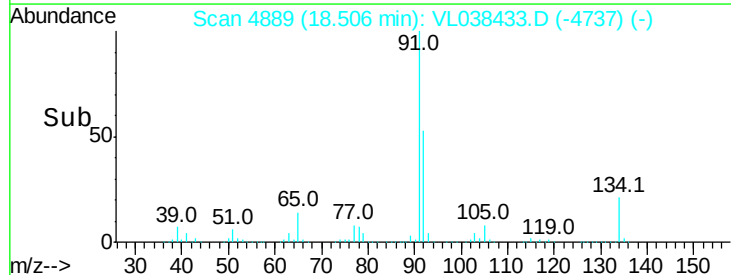
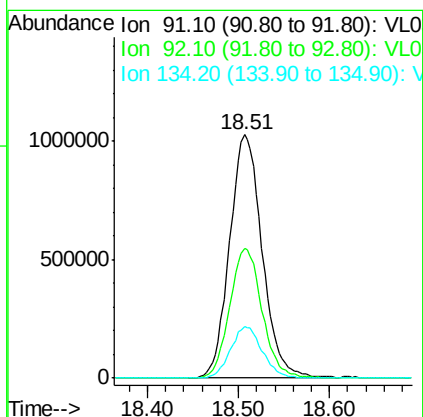
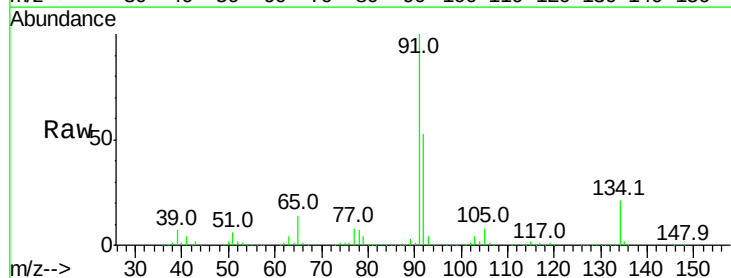
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.4	30.6
91	31.1	23.8	35.8

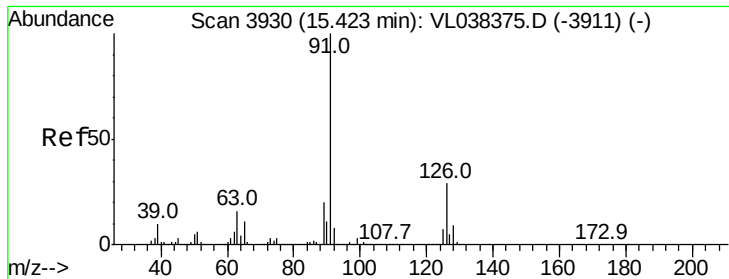


#70
 n-Butylbenzene
 Concen: 8.39 ppbv
 RT: 18.51 min Scan# 4889
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion: 91 Resp: 2552879

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.1	64.7
134	20.7	17.4	26.0





#71

2-Chlorotoluene

Concen: 8.07 ppbv

RT: 15.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

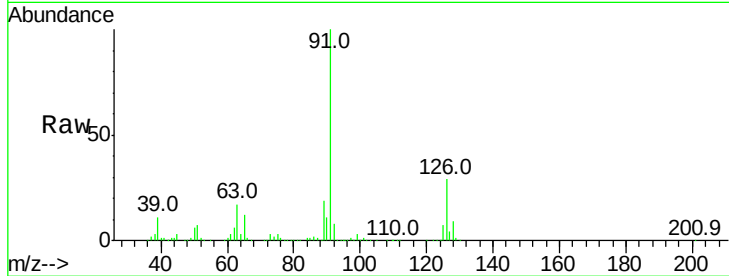
Acq: 24 Feb 2022 13:16

Tgt Ion: 91 Resp: 1893369

Ion Ratio Lower Upper

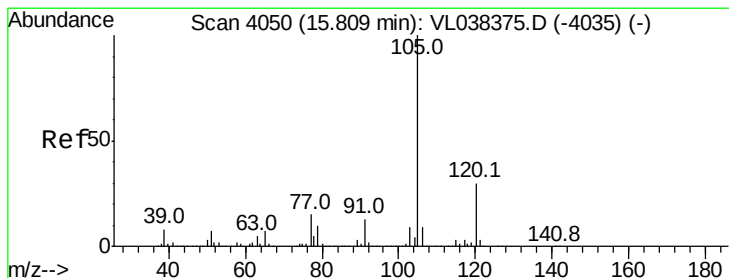
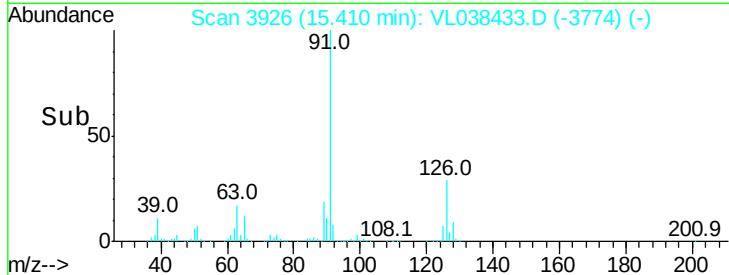
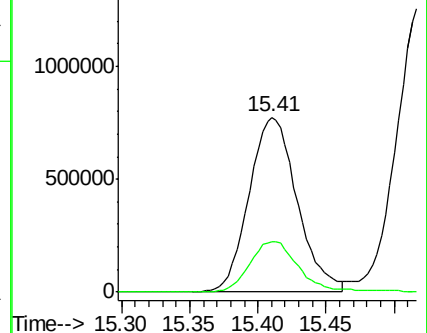
91 100

126 30.4 11.9 47.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.56 ppbv

RT: 15.80 min Scan# 4046

Delta R.T. -0.01 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

Tgt Ion:105 Resp: 2143847

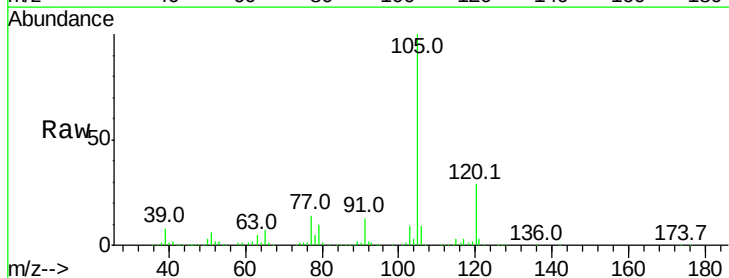
Ion Ratio Lower Upper

105 100

120 29.0 23.4 35.2

91 13.2 10.4 15.6

77 14.8 11.6 17.4

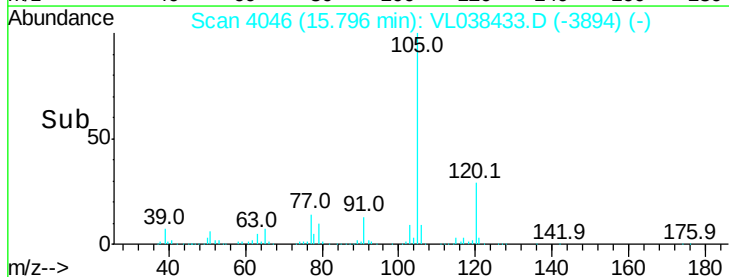
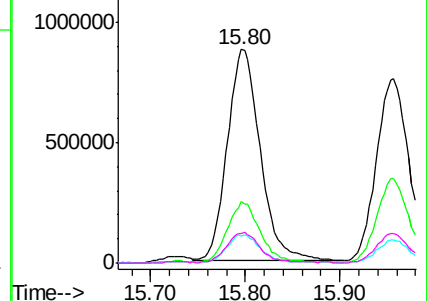


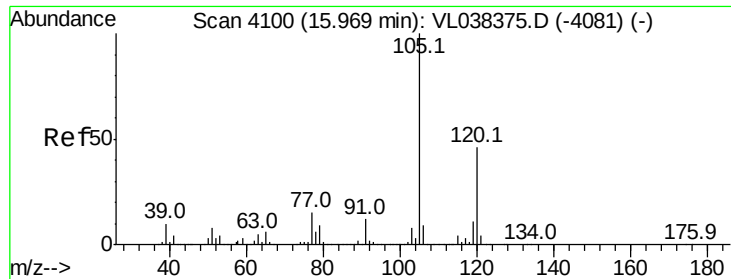
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

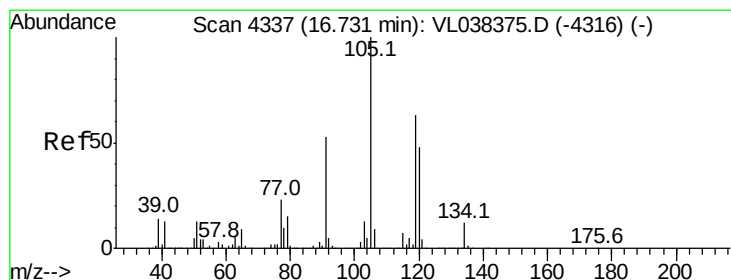
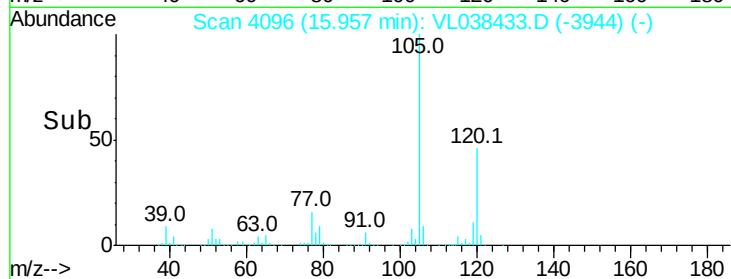
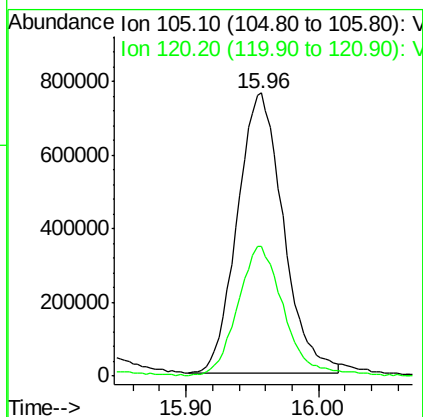
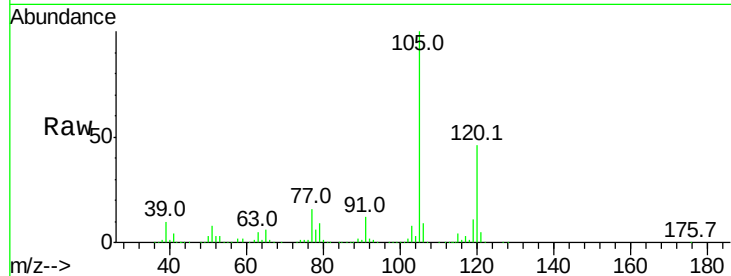
Ion 77.10 (76.80 to 77.80): VL0





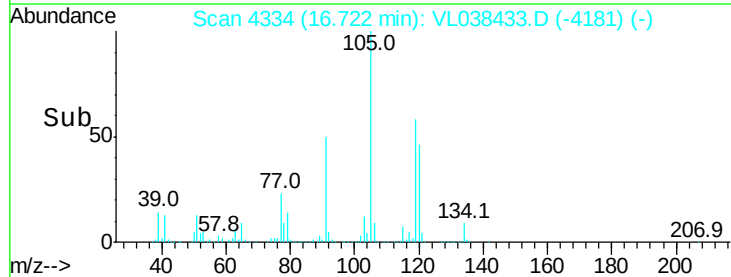
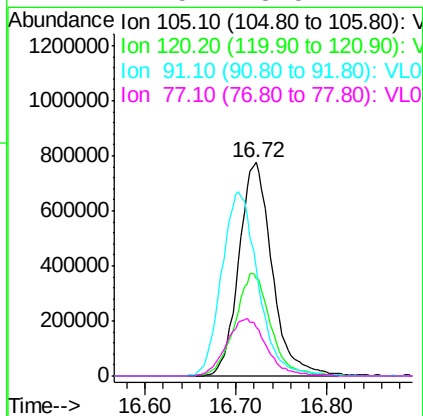
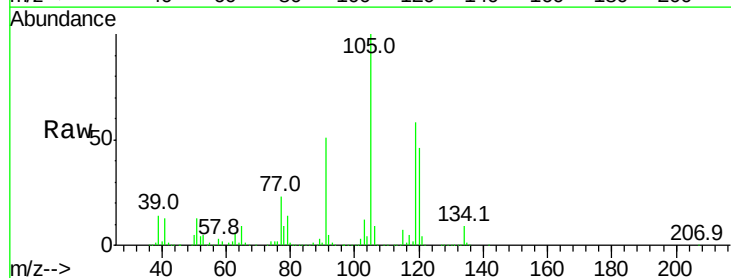
#73
 1,3,5-Trimethylbenzene
 Concen: 8.09 ppbv
 RT: 15.96 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

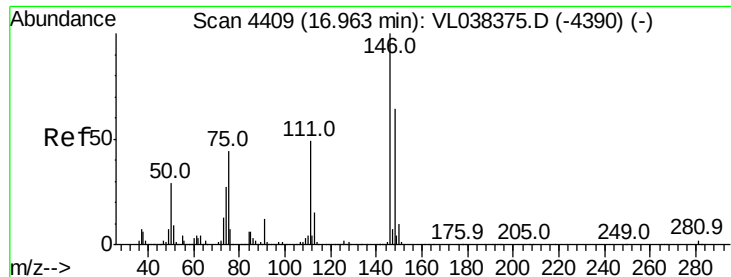
Tgt Ion:105 Resp: 1839678
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.6 55.0



#74
 1,2,4-Trimethylbenzene
 Concen: 8.21 ppbv
 RT: 16.72 min Scan# 4334
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

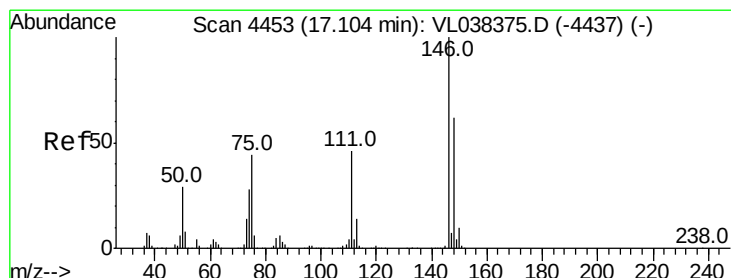
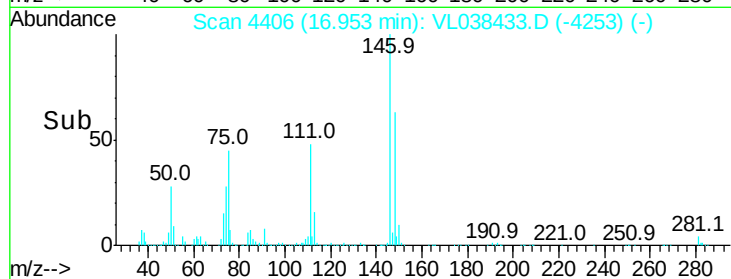
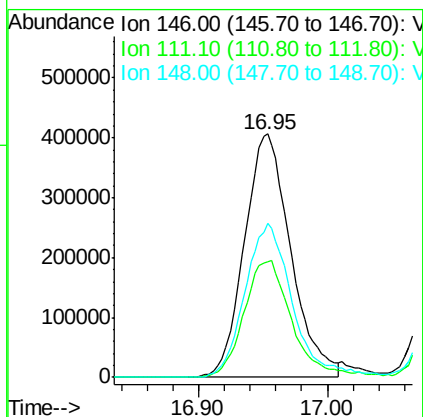
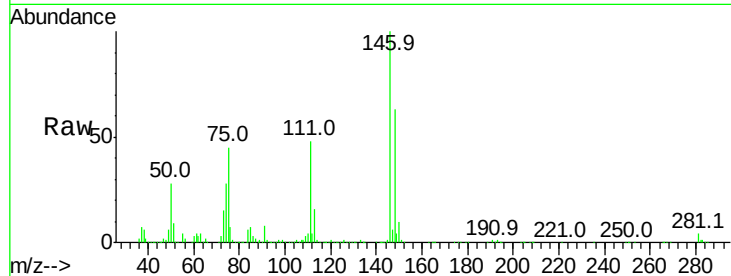
Tgt Ion:105 Resp: 1970443
 Ion Ratio Lower Upper
 105 100
 120 45.6 38.2 57.4
 91 50.2 42.7 64.1
 77 22.5 18.5 27.7





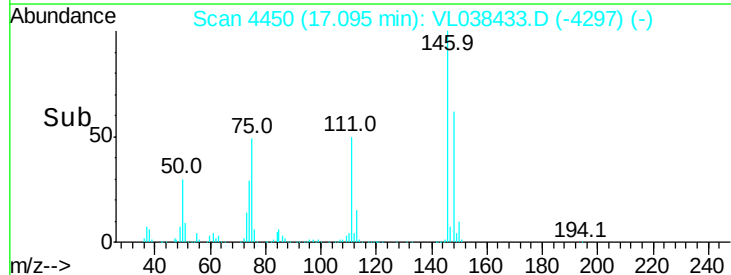
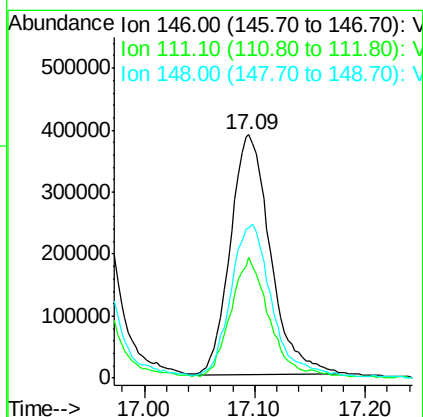
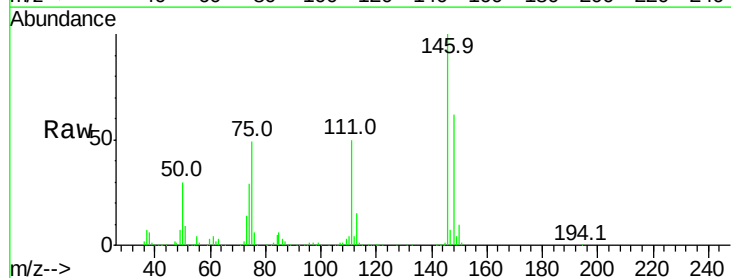
#75
 1,3-Dichlorobenzene
 Concen: 7.56 ppbv
 RT: 16.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0224ABS01
 Acq: 24 Feb 2022 13:16

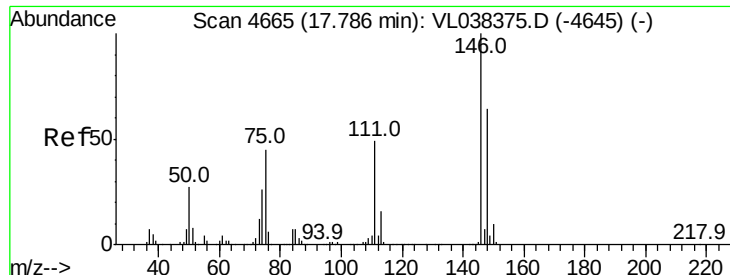
Tgt Ion:146 Resp: 1017048
 Ion Ratio Lower Upper
 146 100
 111 49.7 24.3 72.9
 148 64.6 32.0 96.0



#76
 1,4-Dichlorobenzene
 Concen: 7.41 ppbv
 RT: 17.09 min Scan# 4450
 Delta R.T. -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

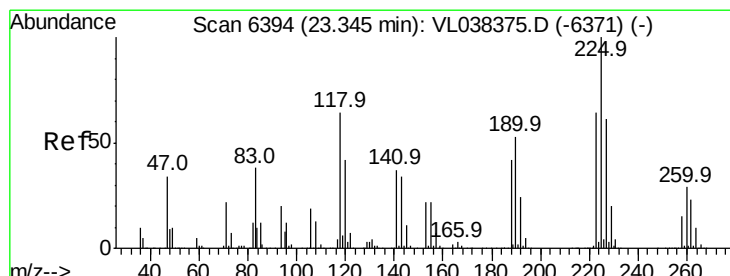
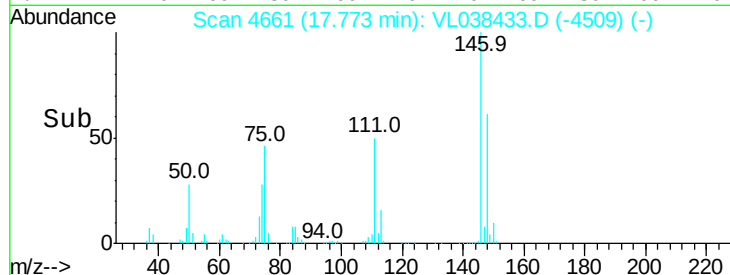
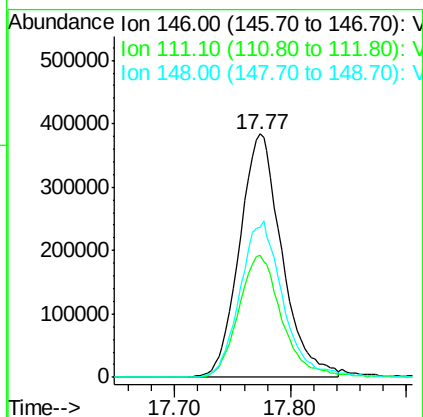
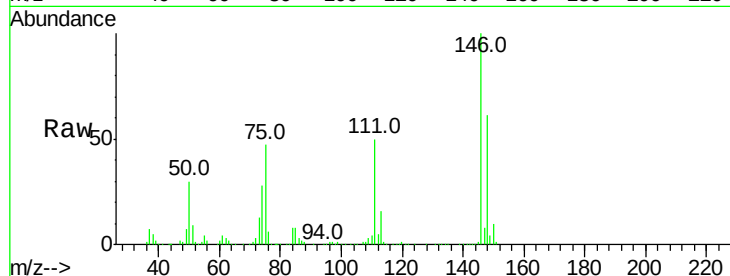
Tgt Ion:146 Resp: 982212
 Ion Ratio Lower Upper
 146 100
 111 48.7 24.1 72.2
 148 66.9 32.8 98.4





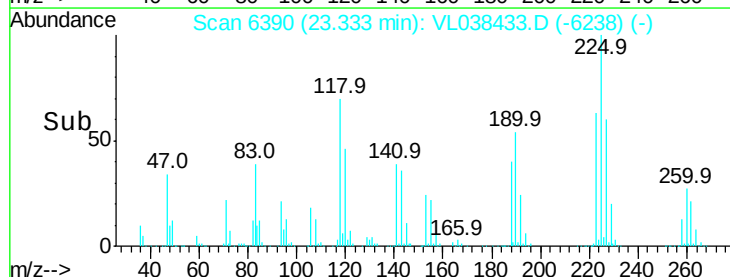
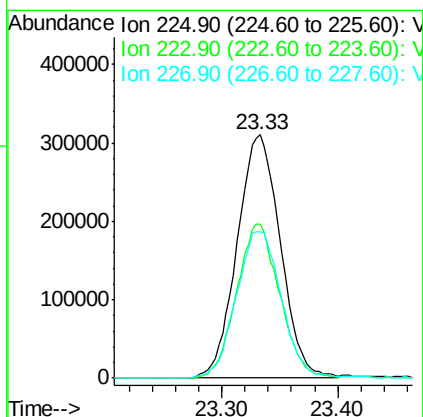
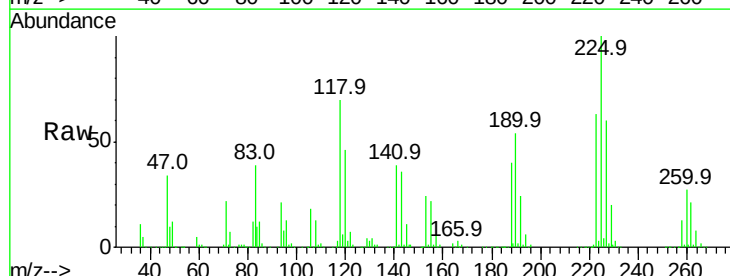
#77
 1,2-Dichlorobenzene
 Concen: 7.50 ppbv
 RT: 17.77 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampled : VL0224ABS01
 Acq: 24 Feb 2022 13:16

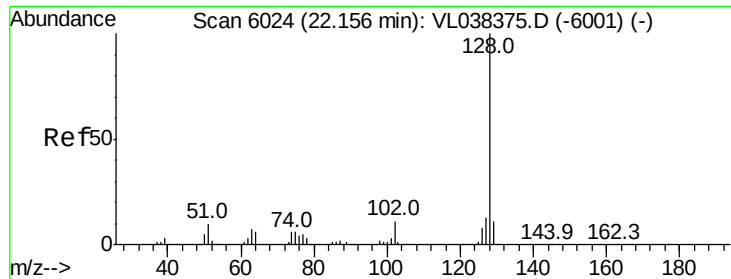
Tgt Ion:146 Resp: 970480
 Ion Ratio Lower Upper
 146 100
 111 51.6 25.6 76.6
 148 65.4 32.4 97.2



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.10 ppbv
 RT: 23.33 min Scan# 6390
 Delta R.T.: -0.01 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion:225 Resp: 799836
 Ion Ratio Lower Upper
 225 100
 223 64.1 52.0 78.0
 227 63.6 51.6 77.4

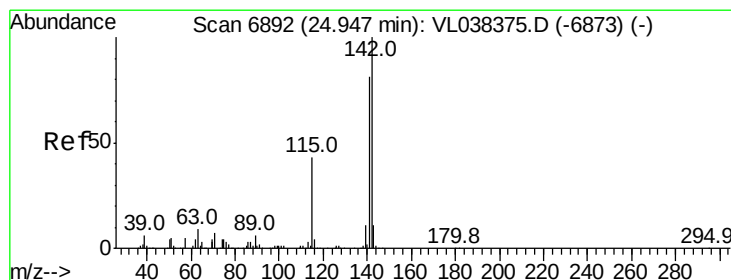
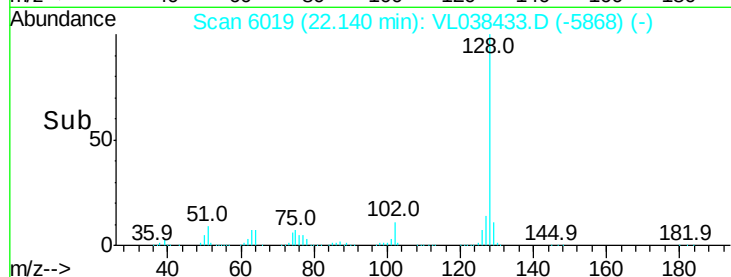
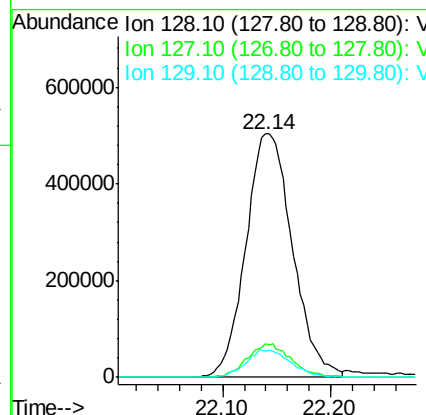
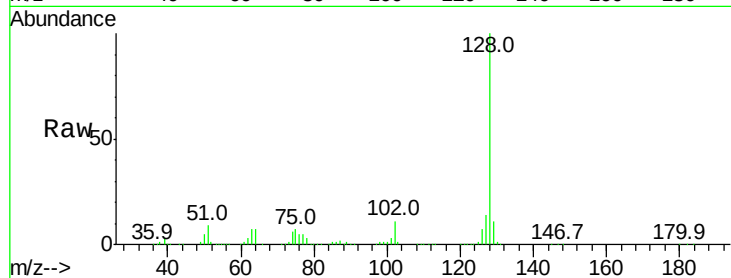




#79
Naphthalene
Concen: 11.61 ppbv
RT: 22.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0224ABS01
Acq: 24 Feb 2022 13:16

Tgt Ion:128 Resp: 1509860

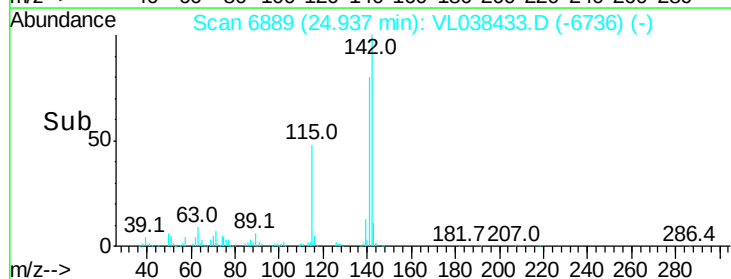
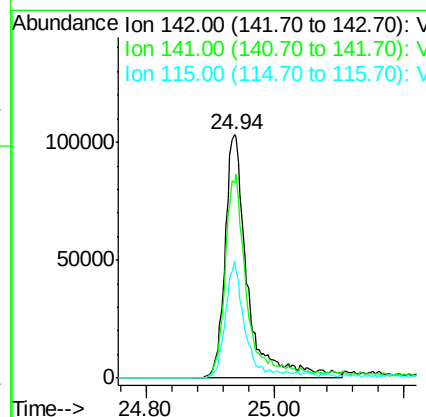
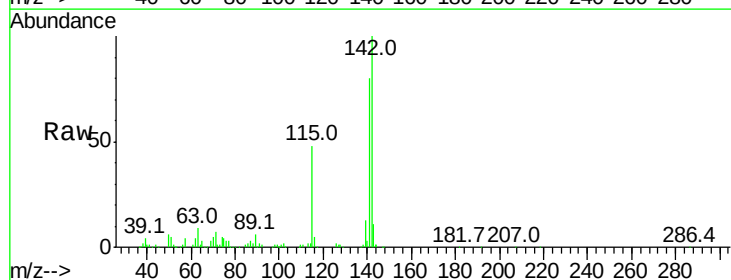
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	10.9	8.8	13.2

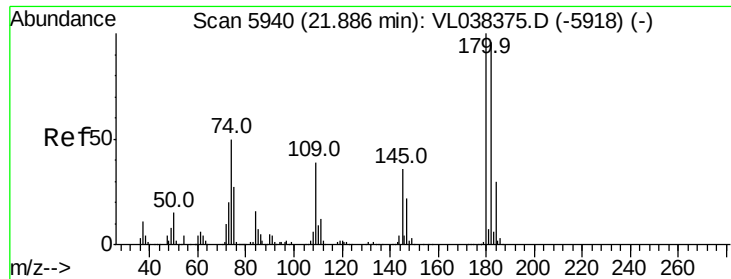


#80
Naphthalene, 2-methyl-
Concen: 9.96 ppbv
RT: 24.94 min Scan# 6889
Delta R.T.: -0.01 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion:142 Resp: 253121

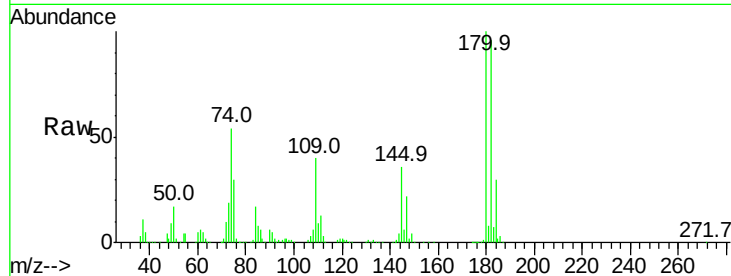
Ion	Ratio	Lower	Upper
142	100		
141	81.7	69.8	104.6
115	44.5	33.0	49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.18 ppbv
 RT: 21.87
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0224ABS01
 Acq: 24 Feb 2022 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	77.4	116.2
184	31.2	24.9	37.3



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

