

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038464.D
 Acq On : 1 Mar 2022 23:39
 Operator : SY/AP
 Sample : N1723-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FSG2

Quant Time: Mar 02 03:08:18 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	5.67	49	902215	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2137154	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	2026517	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1691720	10.09	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds

						Qvalue
3) Chlorodifluoromethane	3.00	51	26753	0.17	ppbv #	86
4) Chloromethane	3.15	50	22917	0.41	ppbv #	84
5) Vinyl Chloride	3.27	62	2805	0.05	ppbv	95
9) Propene	3.22	41	797299	15.16	ppbv	92
10) Heptane	8.13	43	766436	5.99	ppbv	98
11) Trichlorofluoromethane	3.96	101	12388	0.09	ppbv	85
13) Ethanol	3.62	45	53722	10.23	ppbv #	40
15) Acetone	3.85	43	1746306	22.76	ppbv #	70
16) 1,3-Butadiene	3.32	39	483428	9.43	ppbv #	44
17) tert-Butyl alcohol	4.35	59	14483	0.19	ppbv #	72
19) Isopropyl Alcohol	3.98	45	17671	0.40	ppbv #	93
20) Methylene Chloride	4.35	84	36270	0.95	ppbv #	84
21) Allyl Chloride	4.38	41	258578	3.99	ppbv #	46
23) Vinyl Acetate	5.07	43	382717	3.76	ppbv #	1
25) Ethyl Acetate	5.70	43	706711	3.43	ppbv #	79
26) Hexane	5.69	57	951818	10.20	ppbv #	42
27) Carbon Disulfide	4.56	76	177738	1.71	ppbv #	92
29) Chloroform	5.76	83	7434	0.05	ppbv	92
30) Cyclohexane	7.14	84	355938	4.66	ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	24901	0.16	ppbv	90
34) 2-Butanone	5.25	43	351935	5.24	ppbv	99
35) Carbon Tetrachloride	7.02	117	6968	0.05	ppbv #	65
36) Benzene	6.90	78	1774478	9.43	ppbv	98
38) Trichloroethene	7.84	130	2640	0.04	ppbv #	69
39) 1,2-Dichloropropane	7.18	63	567921	7.58	ppbv #	24
40) 1,4-Dioxane	7.84	88	1520	0.09	ppbv #	1
41) Tetrahydrofuran	6.12	42	10535	0.23	ppbv #	86
42) Bromodichloromethane	7.80	83	43739	0.28	ppbv #	24
43) Methyl Methacrylate	8.06	69	2567	0.04	ppbv #	1
44) 2,2,4-Trimethylpentane	7.88	57	2866494	8.86	ppbv #	91
50) 4-Methyl-2-Pentanone	8.76	43	28194	0.24	ppbv #	40
51) 2-Hexanone	10.12	43	115855	2.18	ppbv #	64
52) Tetrachloroethene	11.24	164	2035	0.03	ppbv #	40
53) Toluene	9.81	91	4132023	20.23	ppbv	99
58) Ethyl Benzene	12.72	91	419875	1.52	ppbv	100
59) m/p-Xylene	12.97	91	844750	3.55	ppbv	94
60) o-Xylene	13.70	91	240246	1.07	ppbv	96
61) Styrene	13.54	104	27079	0.26	ppbv #	1
62) Isopropylbenzene	14.67	105	5662303	18.75	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.69	83	19400	0.11	ppbv #	24
64) n-propylbenzene	15.77	120	4399	0.06	ppbv	90

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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

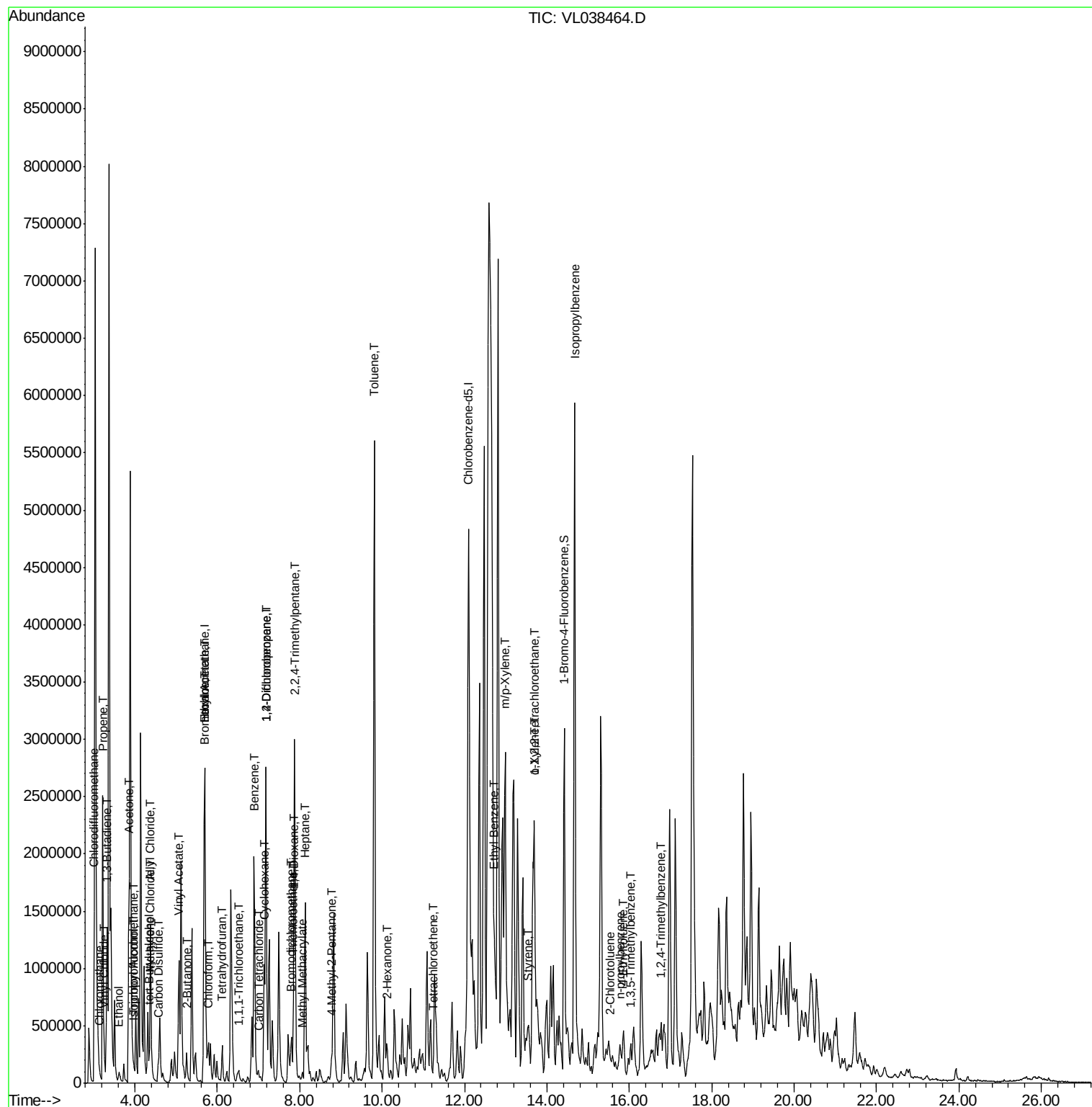
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2-Chlorotoluene	15.55	91	13288	0.06	ppbv #	45
72) 4-Ethyltoluene	15.84	105	30406	0.12	ppbv #	85
73) 1,3,5-Trimethylbenzene	16.01	105	8689	0.04	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	42877	0.18	ppbv #	70

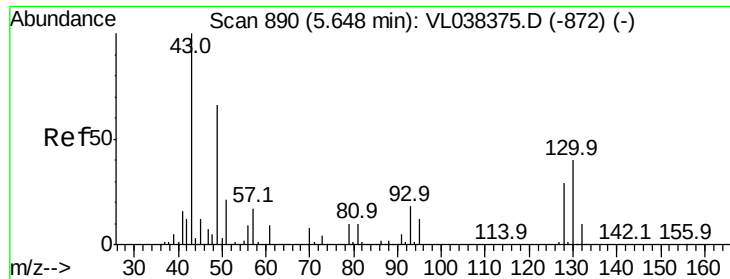
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 23:39

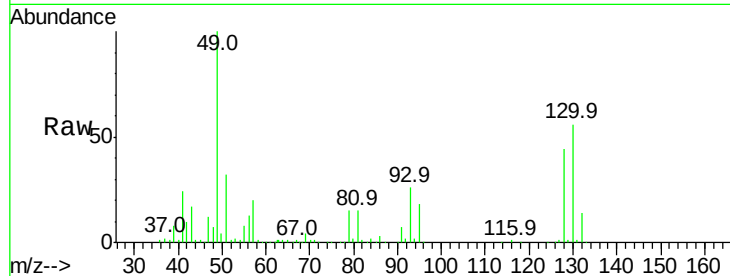
Tgt Ion: 49 Resp: 902215

Ion Ratio Lower Upper

49 100

128 43.9 24.3 72.9

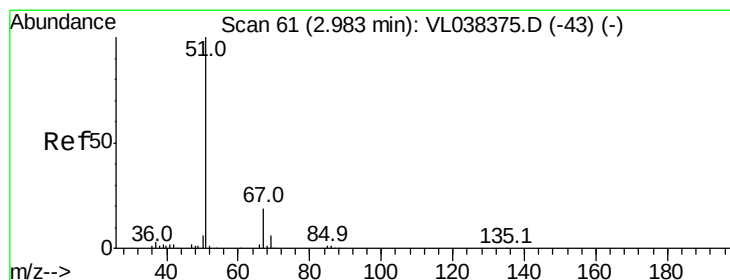
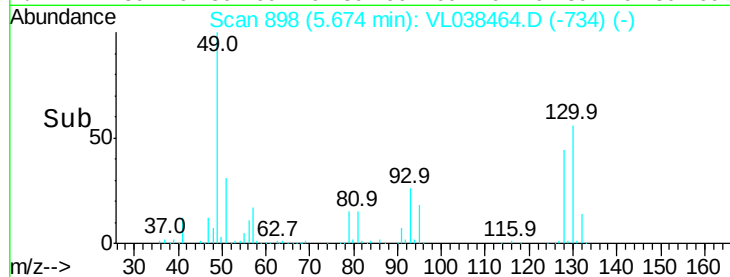
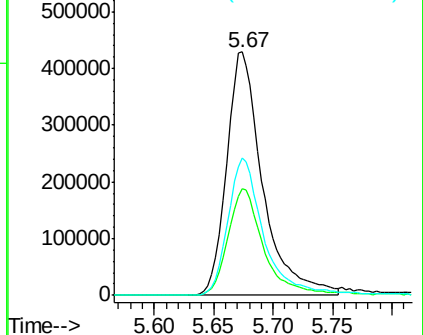
130 57.3 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.17 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.02 min

Lab File: VL038464.D

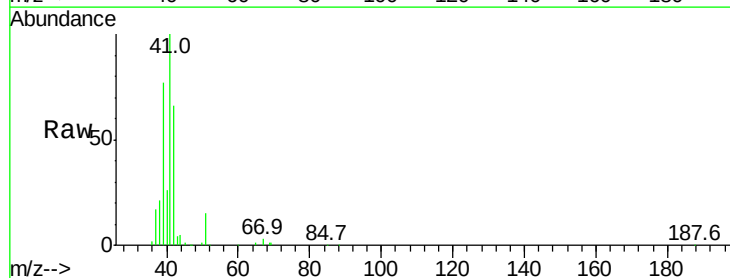
Acq: 1 Mar 2022 23:39

Tgt Ion: 51 Resp: 26753

Ion Ratio Lower Upper

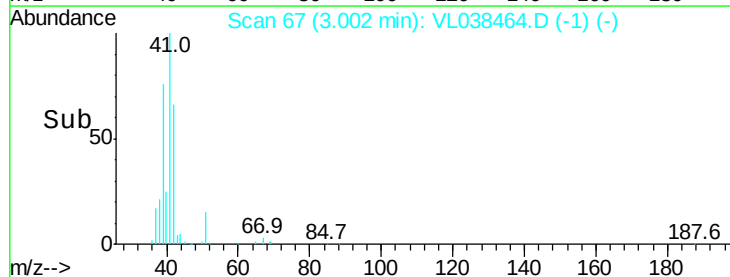
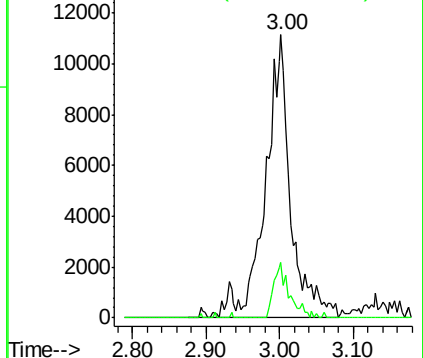
51 100

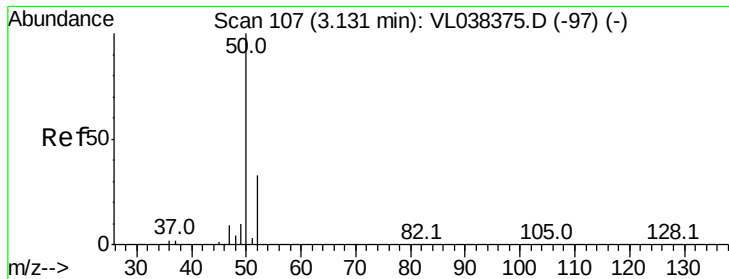
67 12.2 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.41 ppbv

RT: 3.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

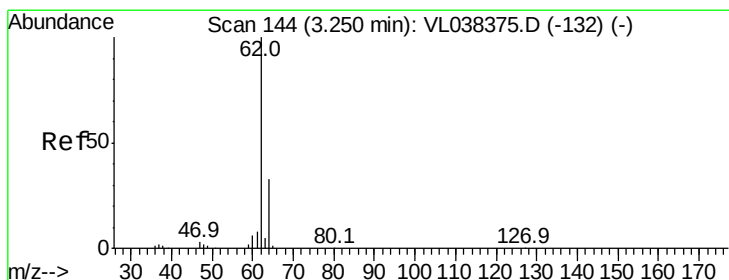
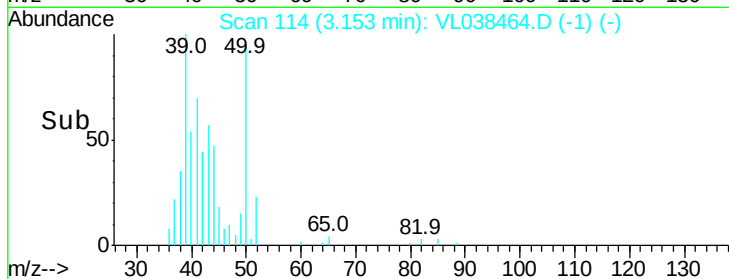
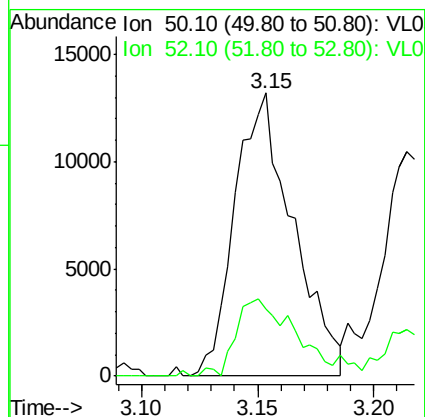
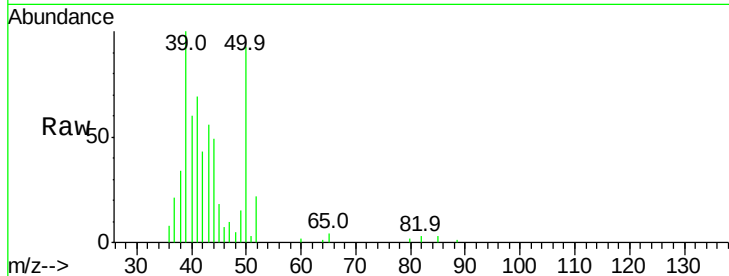
Acq: 1 Mar 2022 23:39

Tgt Ion: 50 Resp: 22917

Ion Ratio Lower Upper

50 100

52 23.9 26.5 39.7#



#5

Vinyl Chloride

Concen: 0.05 ppbv

RT: 3.27 min Scan# 149

Delta R.T. 0.02 min

Lab File: VL038464.D

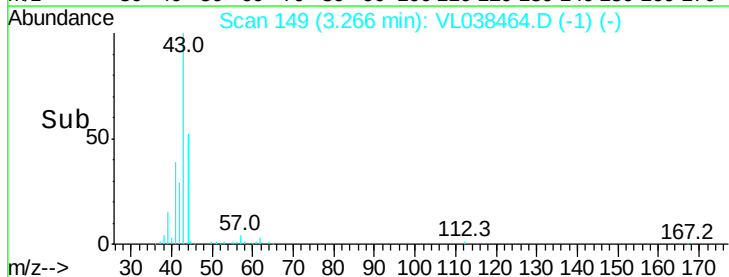
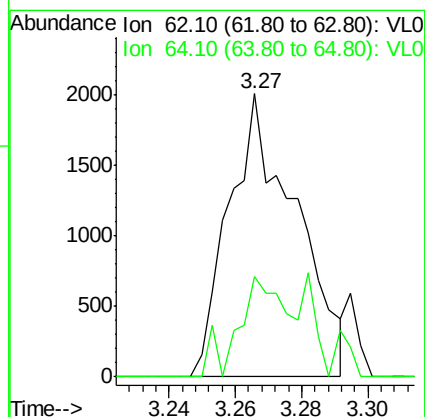
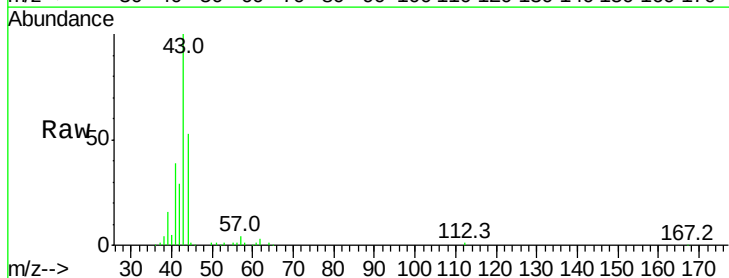
Acq: 1 Mar 2022 23:39

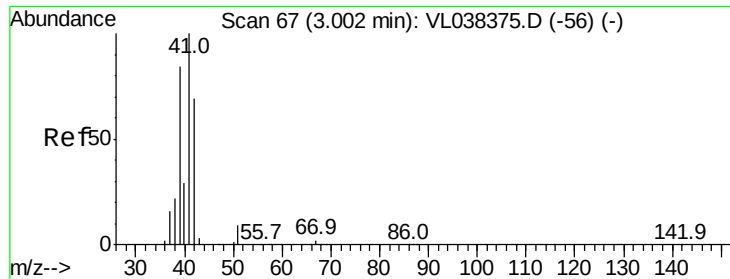
Tgt Ion: 62 Resp: 2805

Ion Ratio Lower Upper

62 100

64 35.7 26.2 39.2





#9

Propene

Concen: 15.16 ppbv

RT: 3.22 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

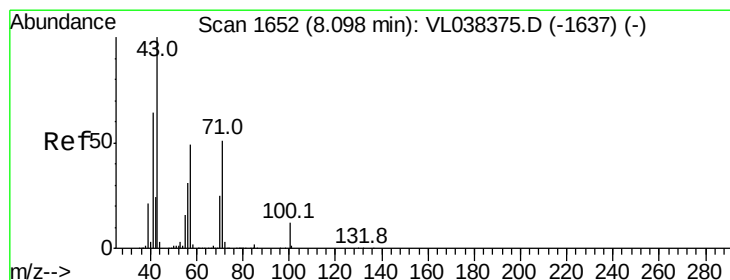
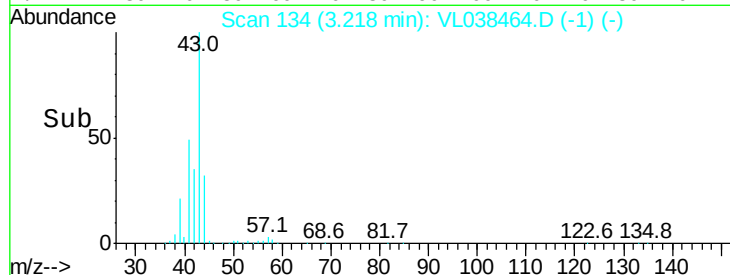
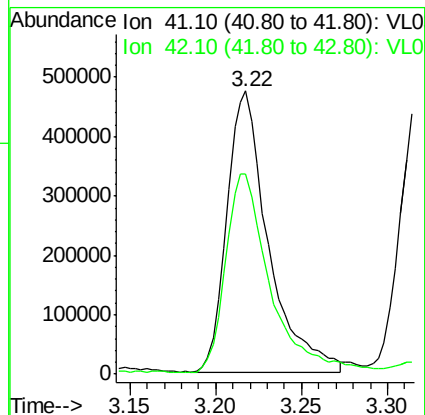
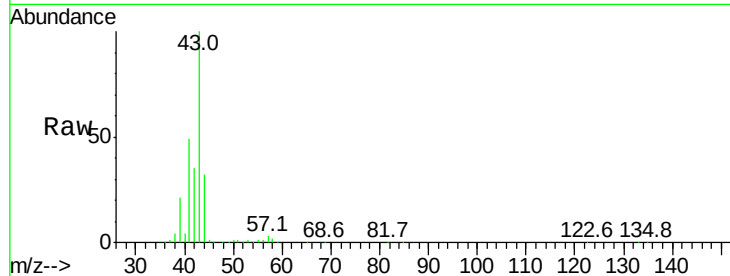
Acq: 1 Mar 2022 23:39

Tgt Ion: 41 Resp: 797299

Ion Ratio Lower Upper

41 100

42 74.7 54.6 82.0



#10

Heptane

Concen: 5.99 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.03 min

Lab File: VL038464.D

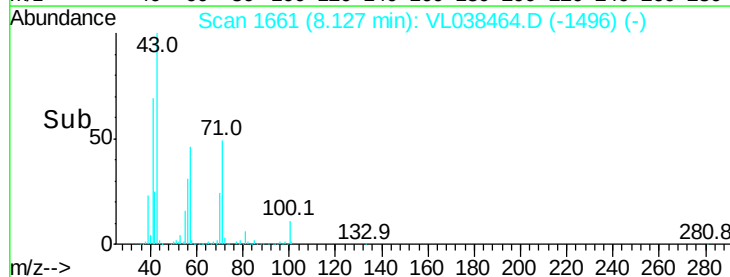
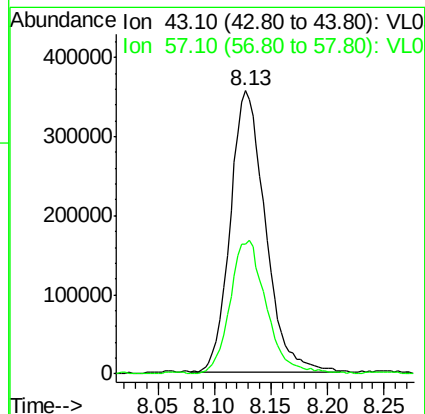
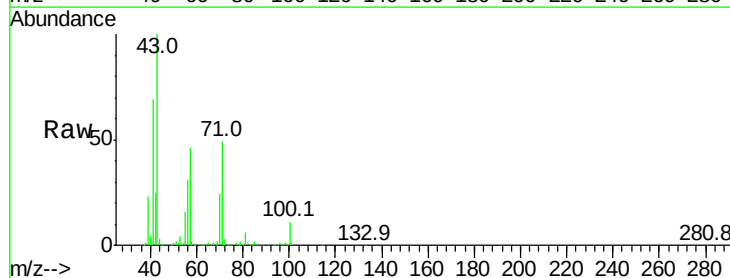
Acq: 1 Mar 2022 23:39

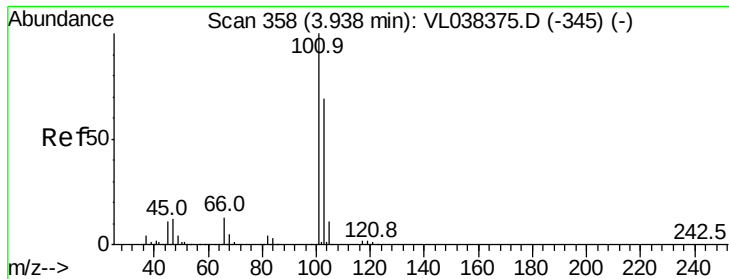
Tgt Ion: 43 Resp: 766436

Ion Ratio Lower Upper

43 100

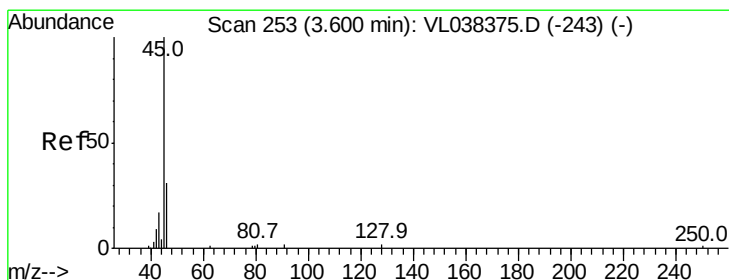
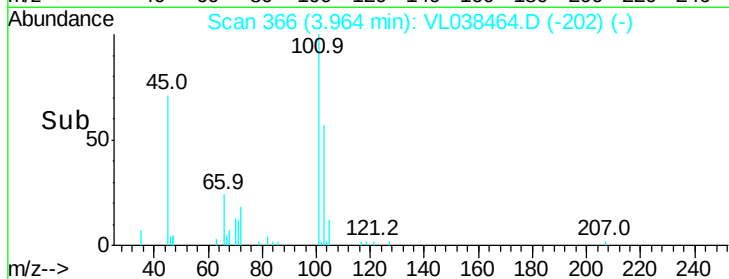
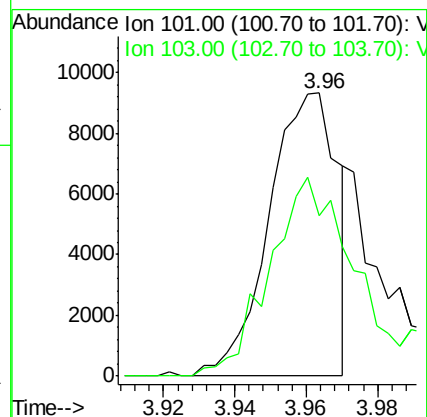
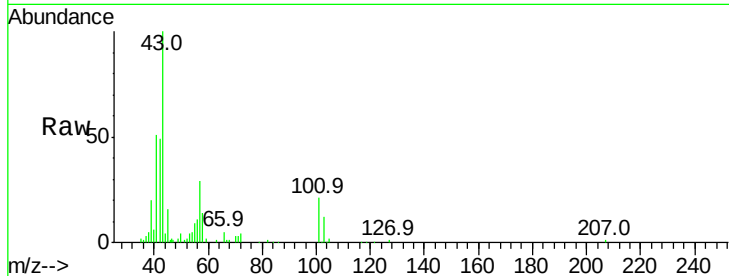
57 48.3 39.8 59.8





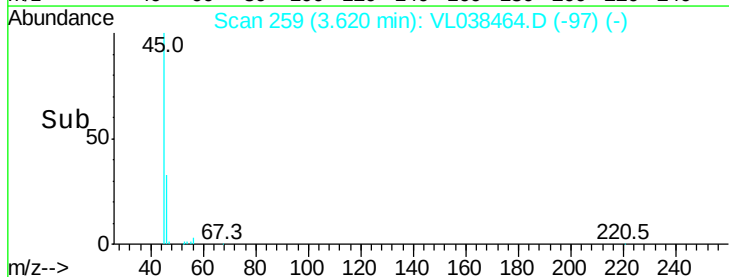
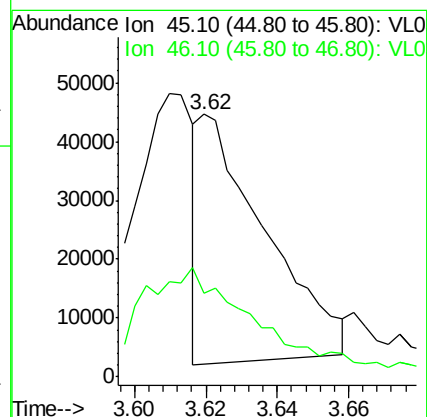
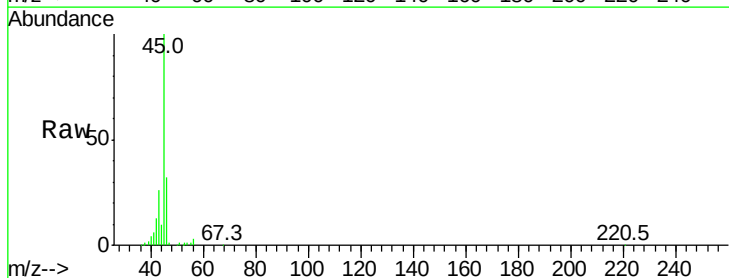
#11
 Trichlorofluoromethane
 Concen: 0.09 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Mar 2022 23:39

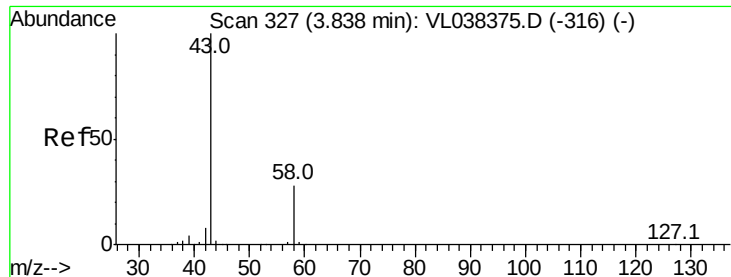
Tgt Ion: 101 Resp: 12388
 Ion Ratio Lower Upper
 101 100
 103 56.7 55.0 82.4



#13
 Ethanol
 Concen: 10.23 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.02 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

Tgt Ion: 45 Resp: 53722
 Ion Ratio Lower Upper
 45 100
 46 85.2 18.2 72.8#





#15

Acetone

Concen: 22.76 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

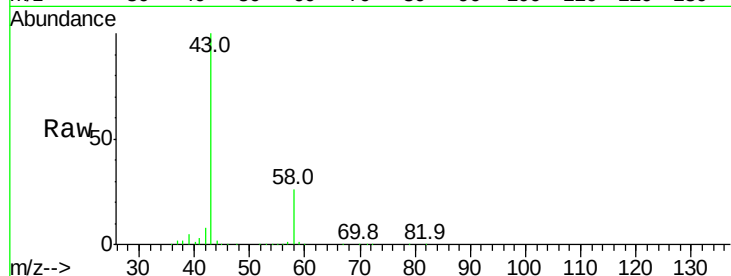
Acq: 1 Mar 2022 23:39 FSG2

Tgt Ion: 43 Resp: 1746306

Ion Ratio Lower Upper

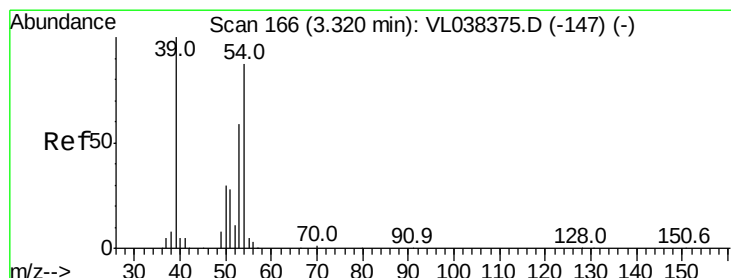
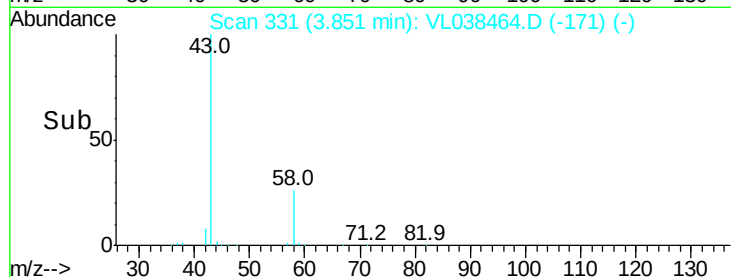
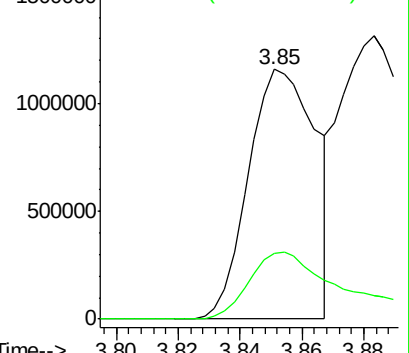
43 100

58 42.5 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 9.43 ppbv

RT: 3.32 min Scan# 166

Delta R.T. 0.00 min

Lab File: VL038464.D

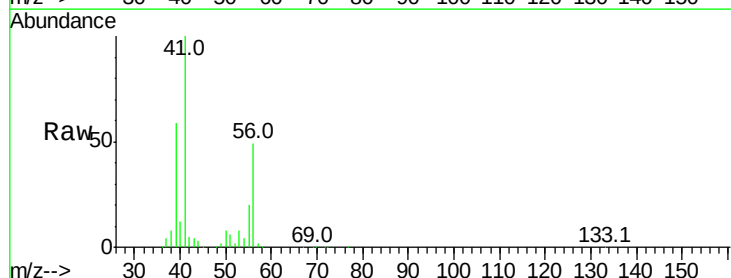
Acq: 1 Mar 2022 23:39

Tgt Ion: 39 Resp: 483428

Ion Ratio Lower Upper

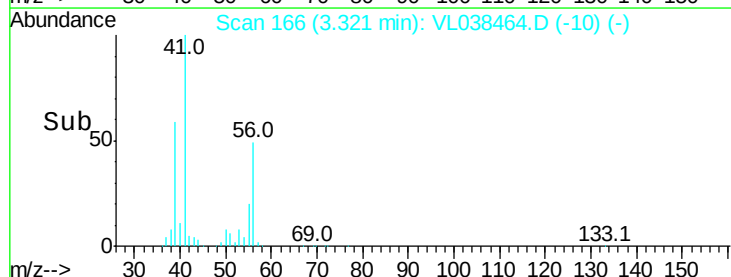
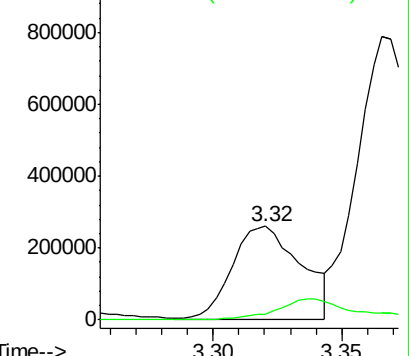
39 100

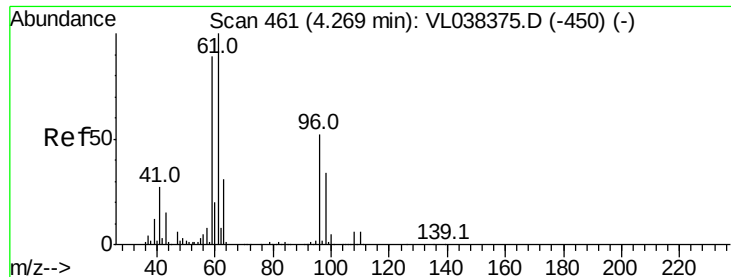
54 27.8 60.3 90.5#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.19 ppbv

RT: 4.35 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

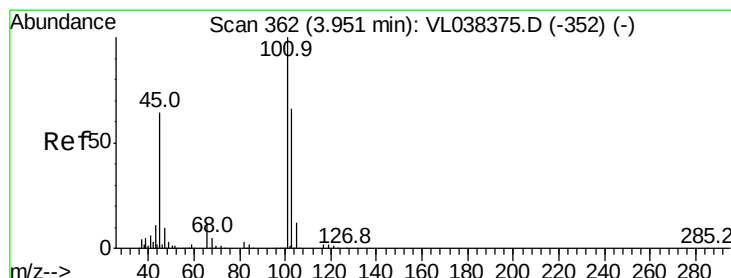
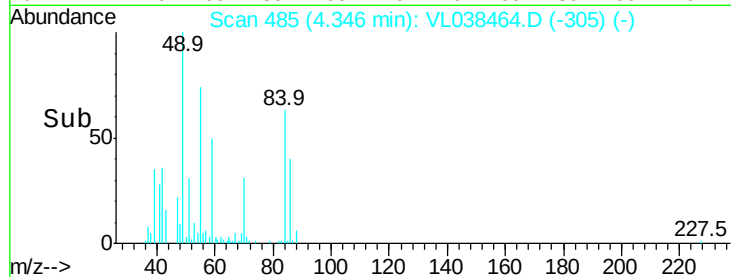
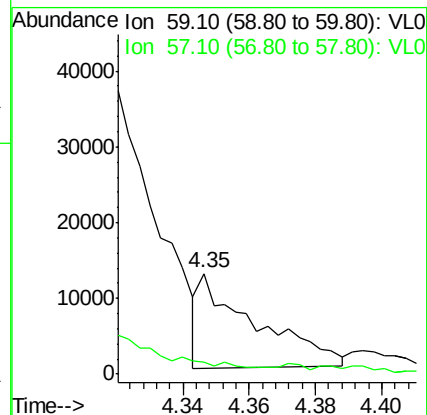
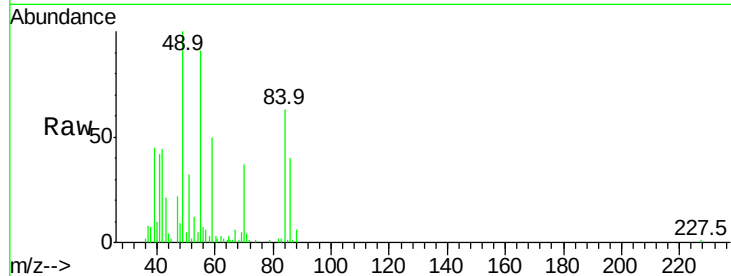
Acq: 1 Mar 2022 23:39 FSG2

Tgt Ion: 59 Resp: 14483

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#19

Isopropyl Alcohol

Concen: 0.40 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.03 min

Lab File: VL038464.D

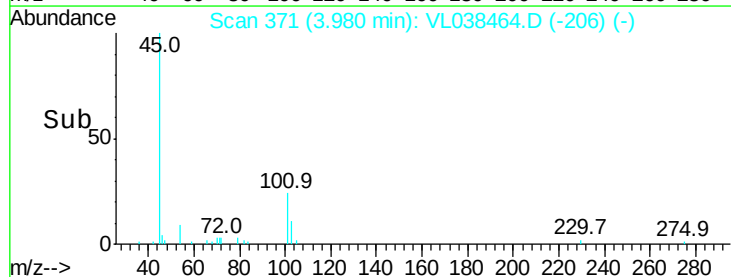
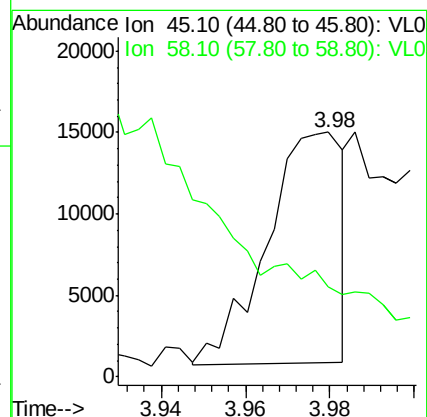
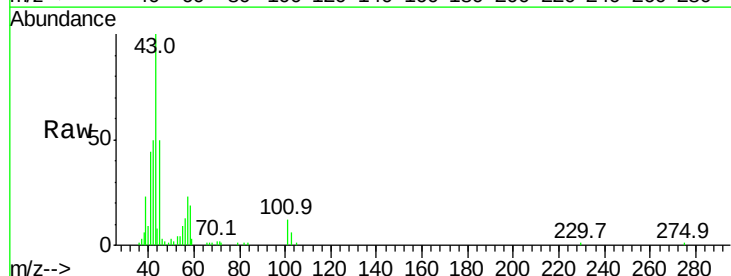
Acq: 1 Mar 2022 23:39

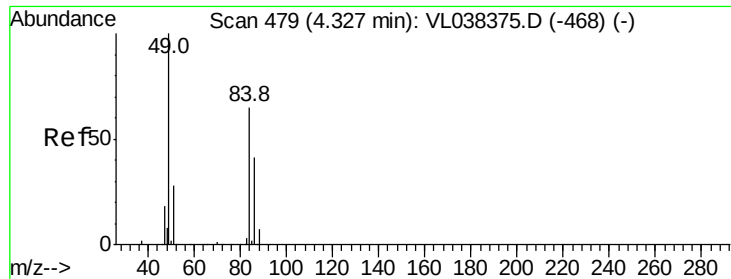
Tgt Ion: 45 Resp: 17671

Ion Ratio Lower Upper

45 100

58 0.0 1.8 2.8#





#20

Methylene Chloride

Concen: 0.95 ppbv

RT: 4.35

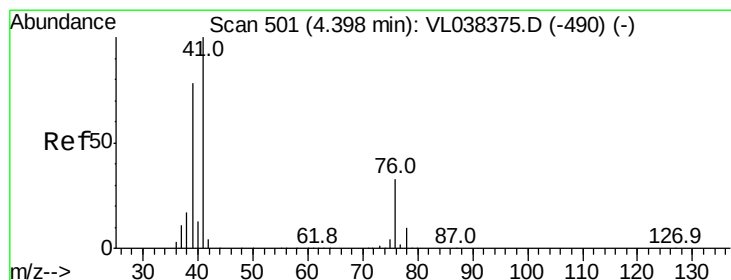
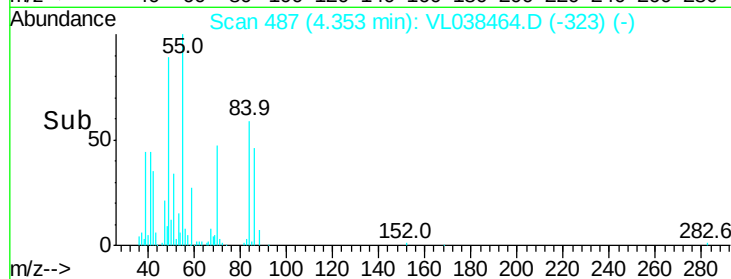
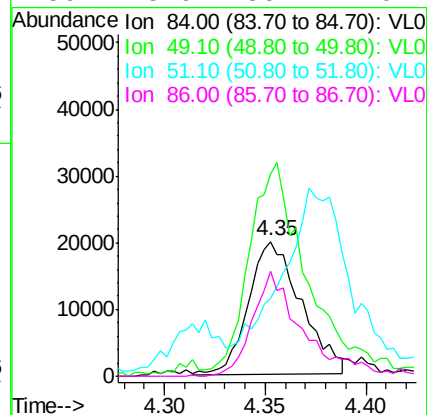
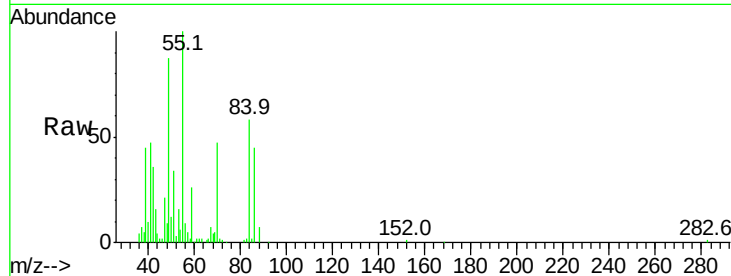
Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 1 Mar 2022 23:39

Tgt Ion: 84 Resp: 36270

Ion	Ratio	Lower	Upper
84	100		
49	141.7	122.4	183.6
51	19.9	33.3	49.9#
86	78.9	50.7	76.1#



#21

Allyl Chloride

Concen: 3.99 ppbv

RT: 4.38 min Scan# 495

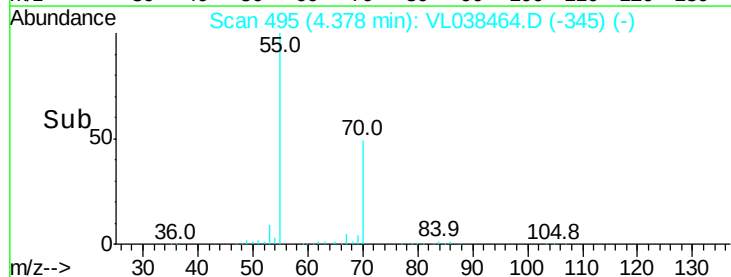
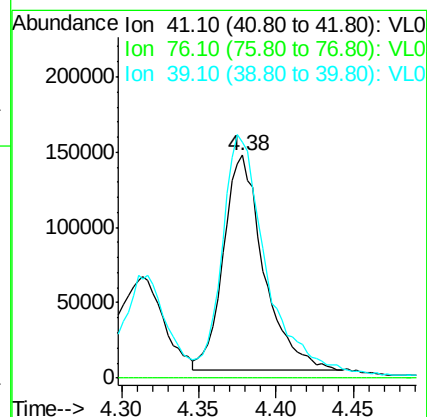
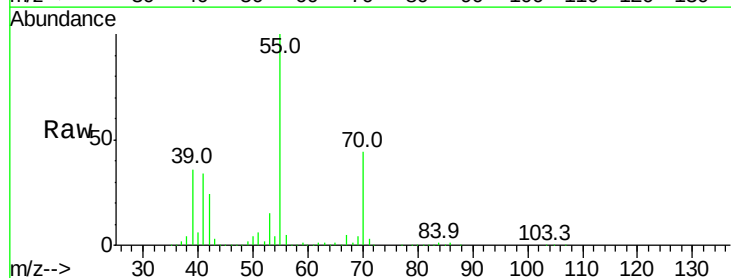
Delta R.T. -0.02 min

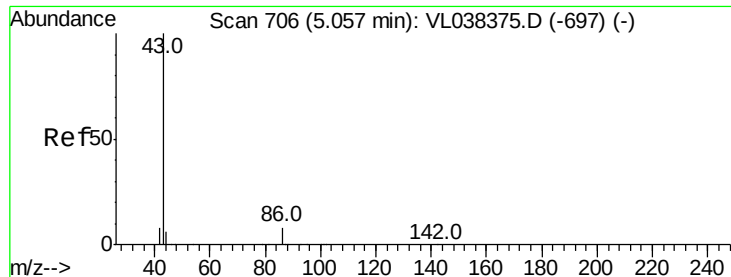
Lab File: VL038464.D

Acq: 1 Mar 2022 23:39

Tgt Ion: 41 Resp: 258578

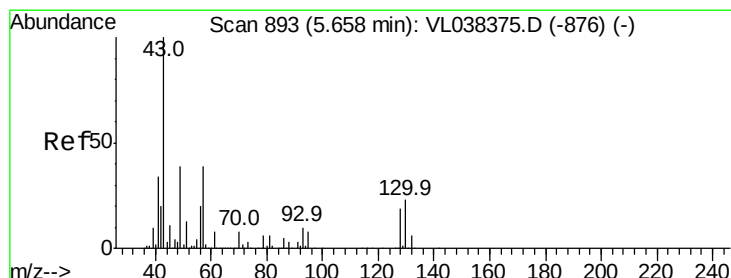
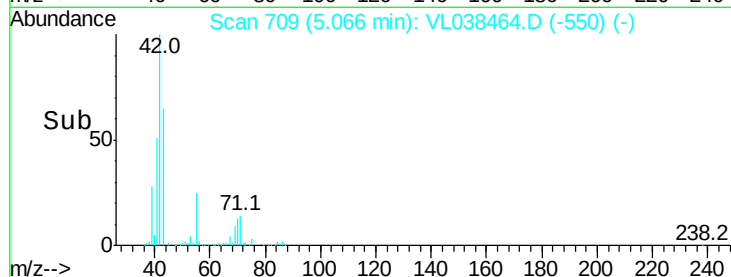
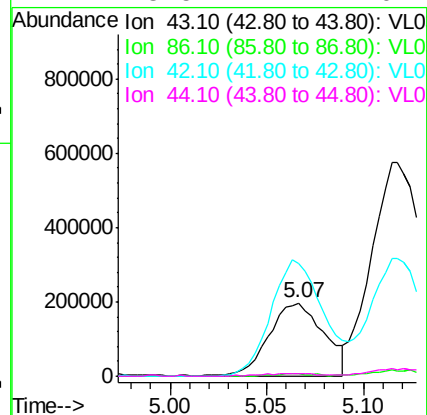
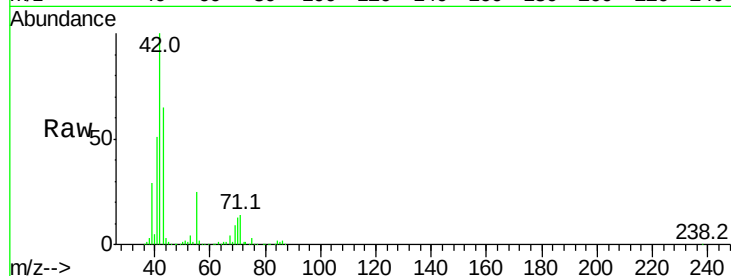
Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.4	38.0#
39	125.5	63.0	94.6#





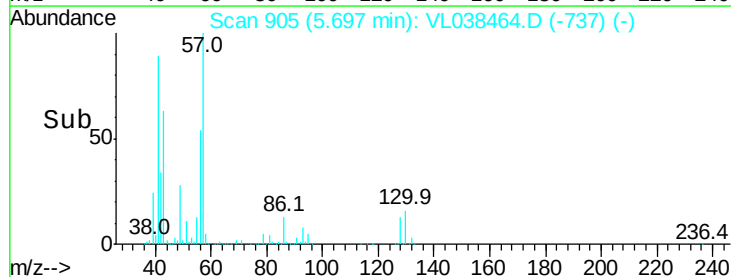
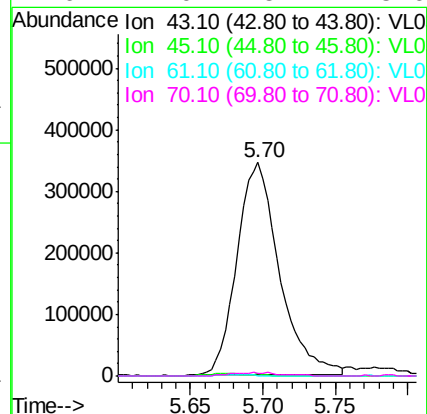
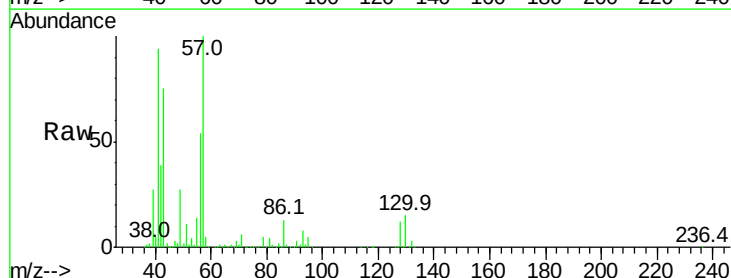
#23
 Vinyl Acetate
 Concen: 3.76 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 FSG2
 Acq: 1 Mar 2022 23:39

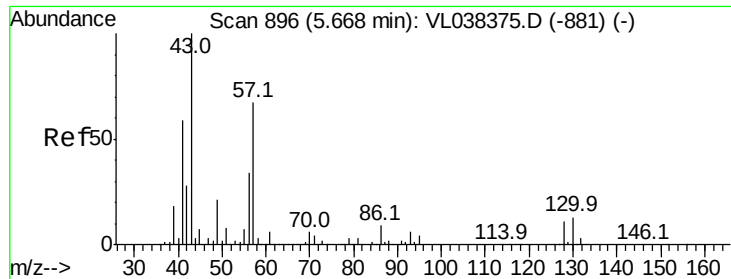
Tgt Ion:	43	Resp:	382717
Ion	Ratio	Lower	Upper
43	100		
86	2.9	5.8	8.6#
42	154.9	7.4	11.0#
44	3.5	4.2	6.2#



#25
 Ethyl Acetate
 Concen: 3.43 ppbv
 RT: 5.70 min Scan# 905
 Delta R.T. 0.04 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

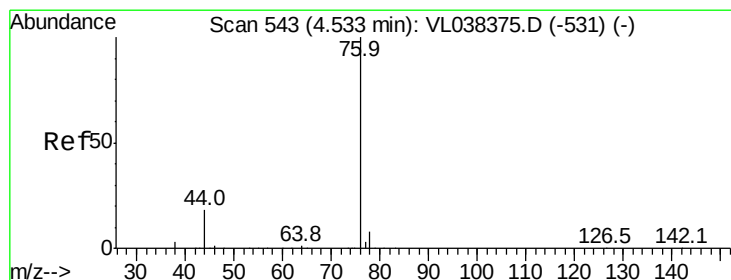
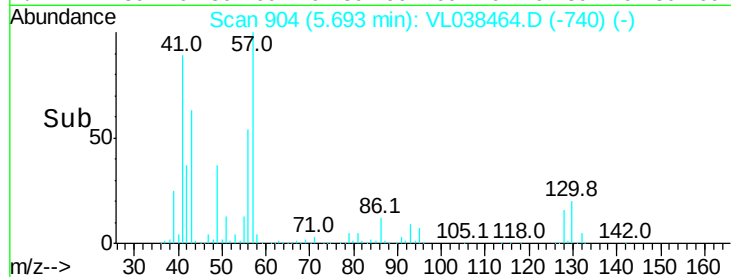
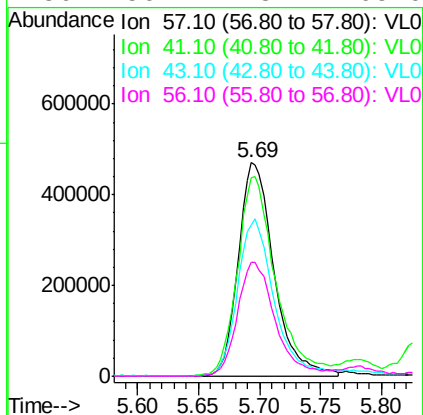
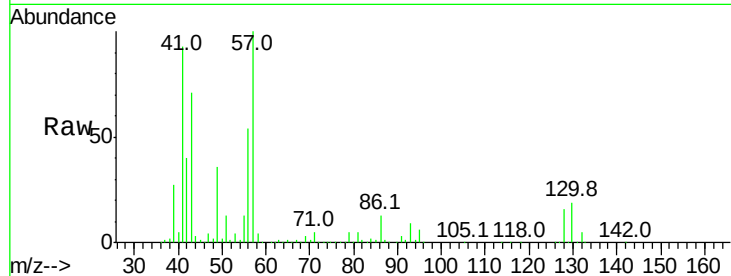
Tgt Ion:	43	Resp:	706711
Ion	Ratio	Lower	Upper
43	100		
45	1.5	7.8	11.6#
61	0.6	7.5	11.3#
70	2.0	5.4	8.0#





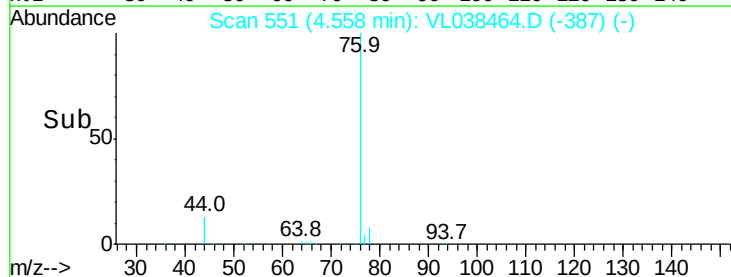
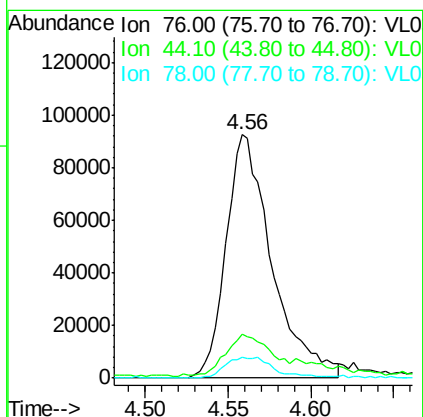
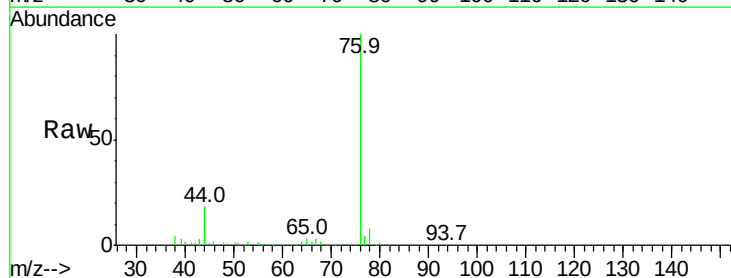
#26
Hexane
Concen: 10.20 ppbv
RT: 5.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Mar 2022 23:39

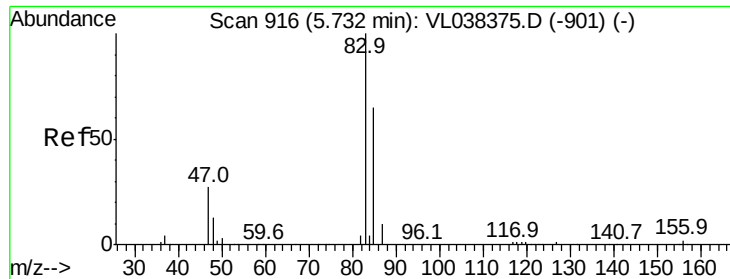
Tgt Ion	Resp	Lower	Upper
57	100		
41	100.4	73.1	109.7
43	77.8	181.0	271.4#
56	56.1	43.4	65.0



#27
Carbon Disulfide
Concen: 1.71 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.03 min
Lab File: VL038464.D
Acq: 1 Mar 2022 23:39

Tgt Ion	Resp	Lower	Upper
76	100		
44	22.9	14.2	21.2#
78	9.5	7.8	11.6





#29

Chloroform

Concen: 0.05 ppbv

RT: 5.76 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: FSG2

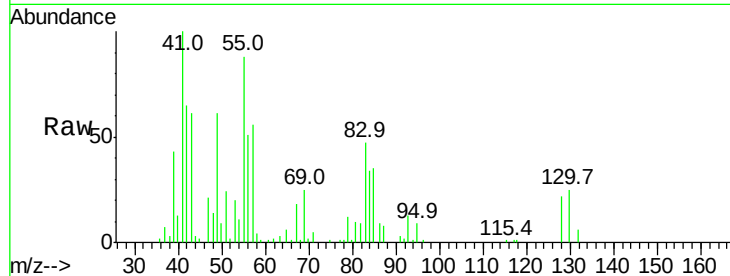
Acq: 1 Mar 2022 23:39

Tgt Ion: 83 Resp: 7434

Ion Ratio Lower Upper

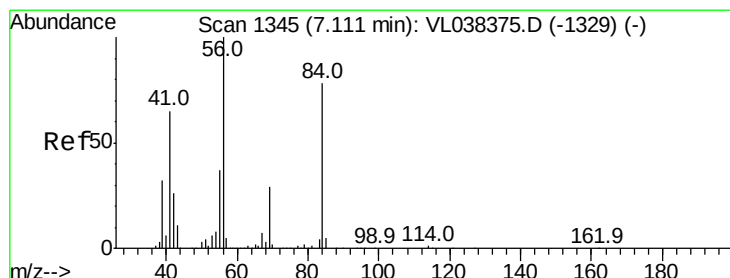
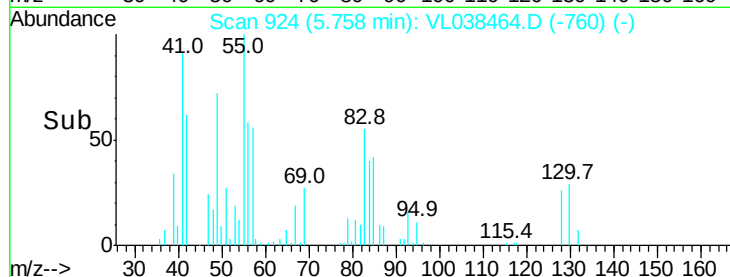
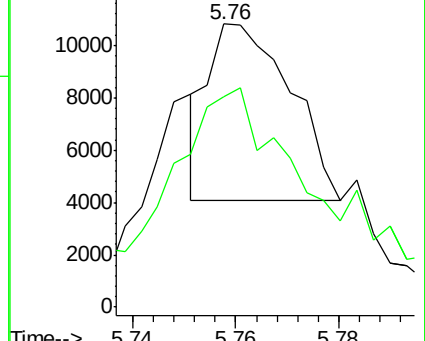
83 100

85 70.4 51.6 77.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 4.66 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.03 min

Lab File: VL038464.D

Acq: 1 Mar 2022 23:39

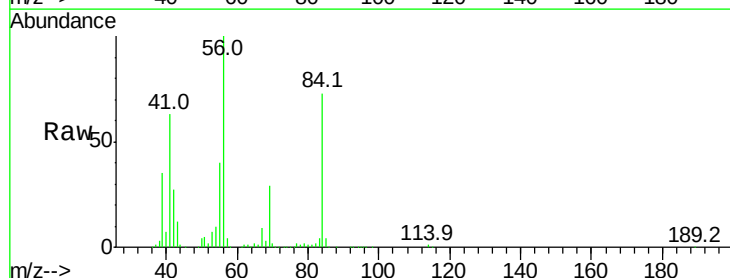
Tgt Ion: 84 Resp: 355938

Ion Ratio Lower Upper

84 100

56 151.5 116.2 174.4

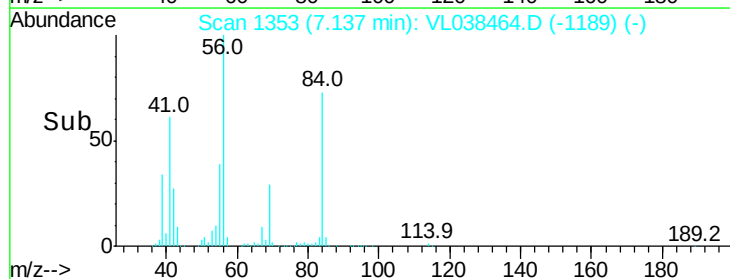
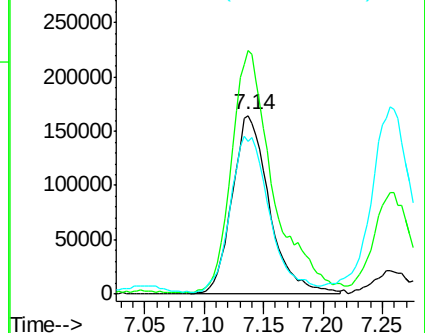
41 92.5 74.3 111.5

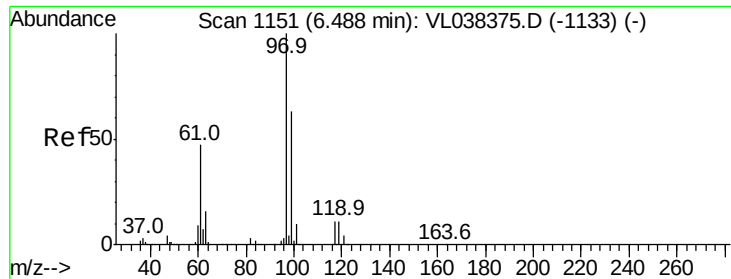


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#32

1,1,1-Trichloroethane

Concen: 0.16 ppbv

RT: 6.52 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Mar 2022 23:39 FSG2

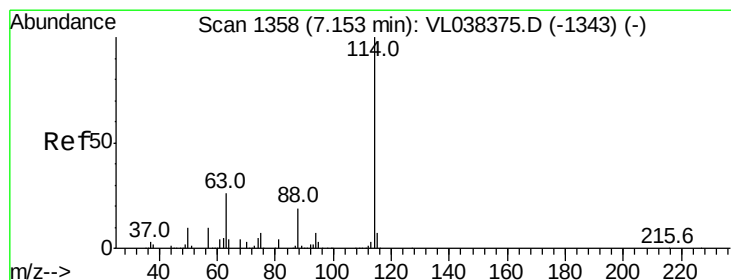
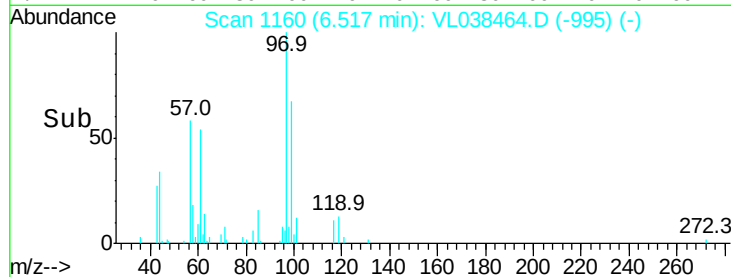
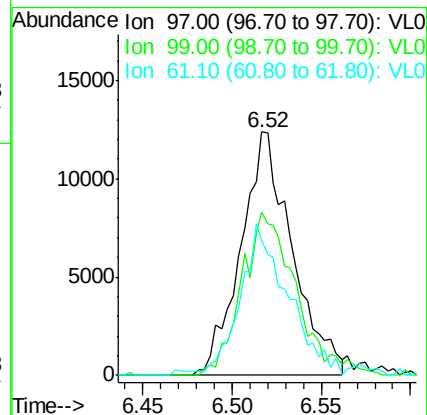
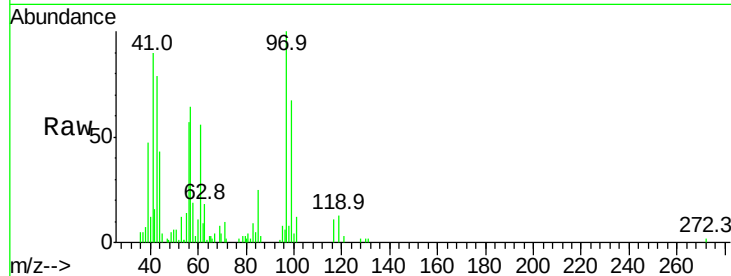
Tgt Ion: 97 Resp: 24901

Ion Ratio Lower Upper

97 100

99 70.6 51.9 77.9

61 60.7 40.5 60.7



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.03 min

Lab File: VL038464.D

Acq: 1 Mar 2022 23:39

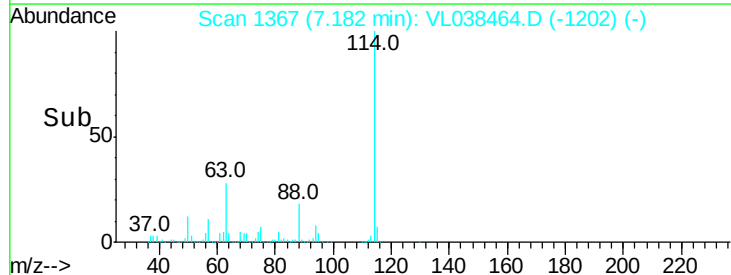
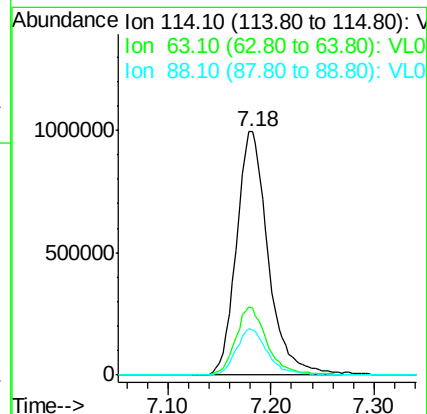
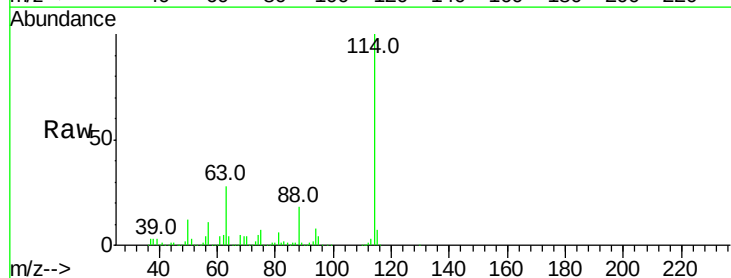
Tgt Ion: 114 Resp: 2137154

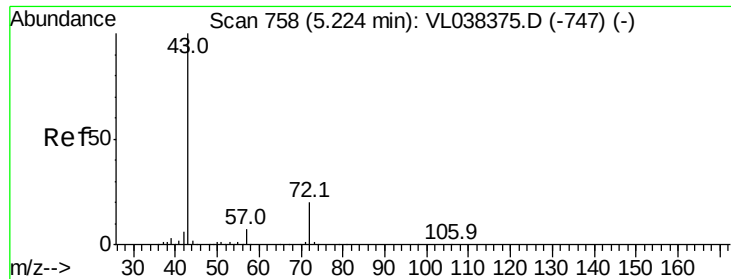
Ion Ratio Lower Upper

114 100

63 28.0 22.2 33.2

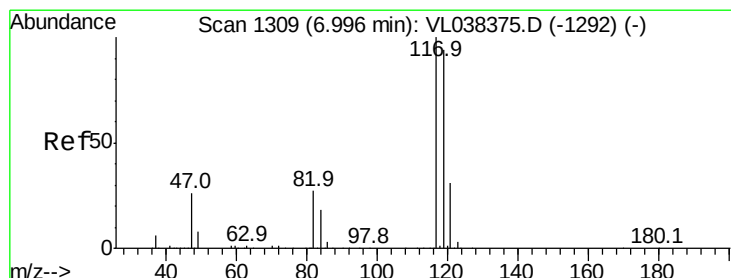
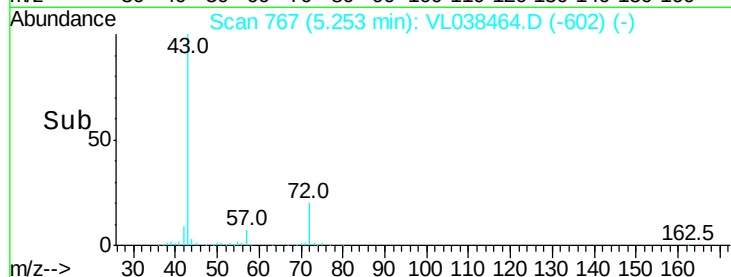
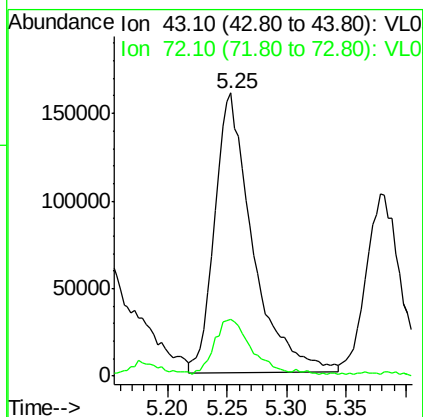
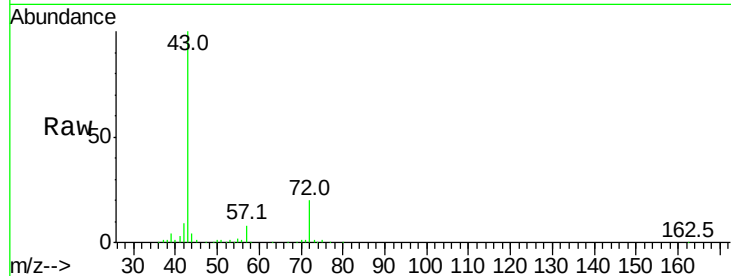
88 18.9 15.2 22.8





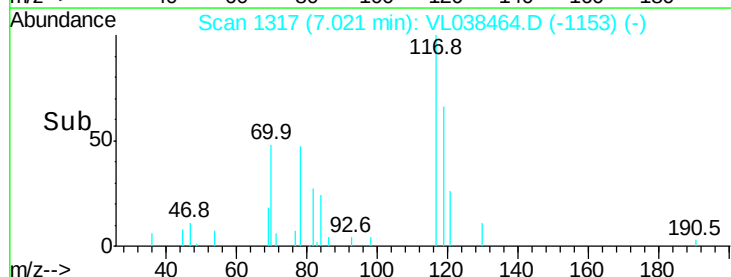
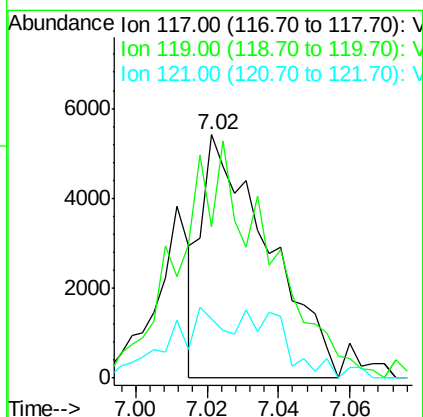
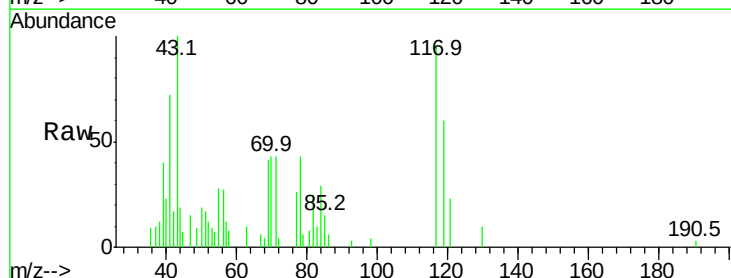
#34
2-Butanone
Concen: 5.24 ppbv
RT: 5.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Mar 2022 23:39

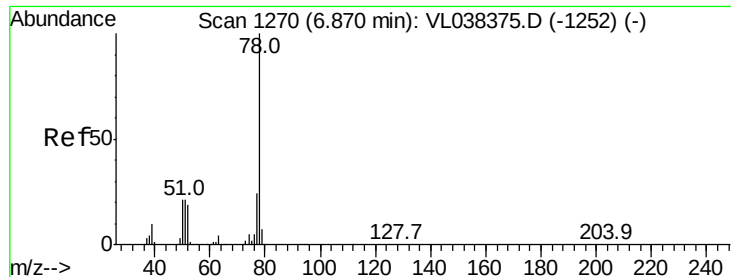
Tgt Ion: 43 Resp: 351935
Ion Ratio Lower Upper
43 100
72 21.4 17.4 26.2



#35
Carbon Tetrachloride
Concen: 0.05 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. 0.03 min
Lab File: VL038464.D
Acq: 1 Mar 2022 23:39

Tgt Ion: 117 Resp: 6968
Ion Ratio Lower Upper
117 100
119 52.8 74.9 112.3#
121 24.2 24.8 37.2#

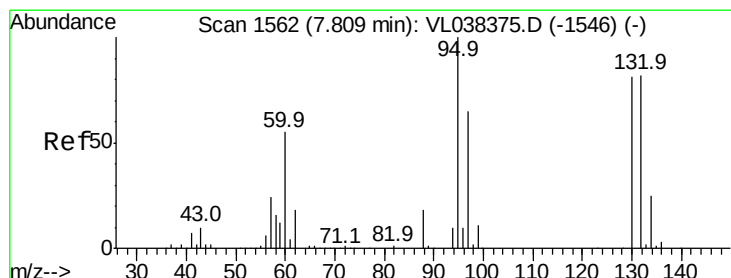
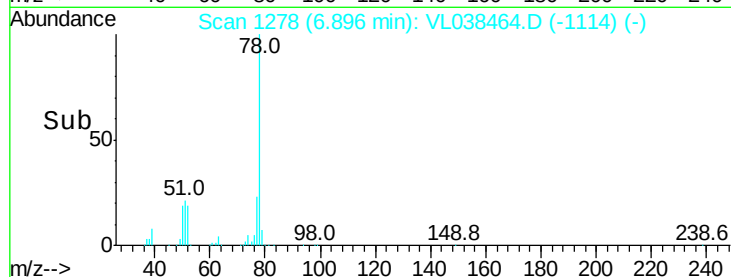
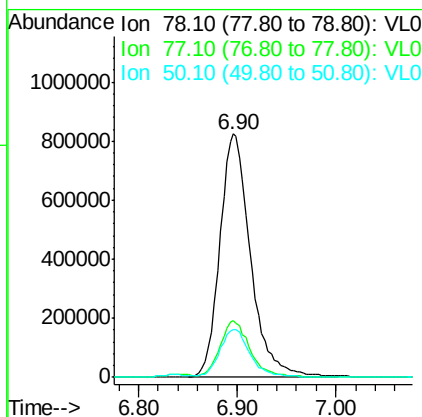
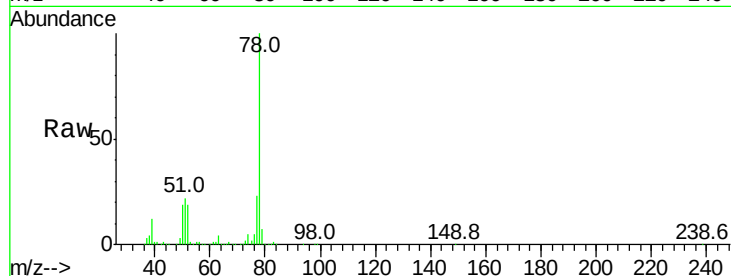




#36
Benzene
Concen: 9.43 ppbv
RT: 6.90
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Mar 2022 23:39

Tgt Ion: 78 Resp: 1774478

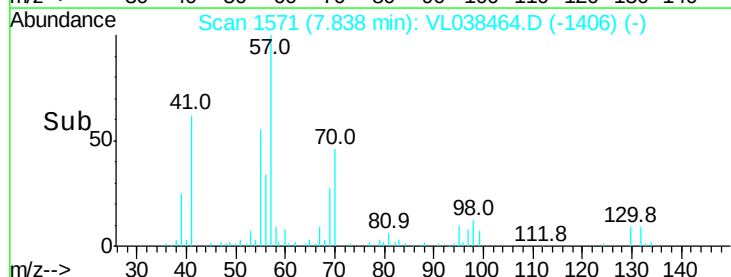
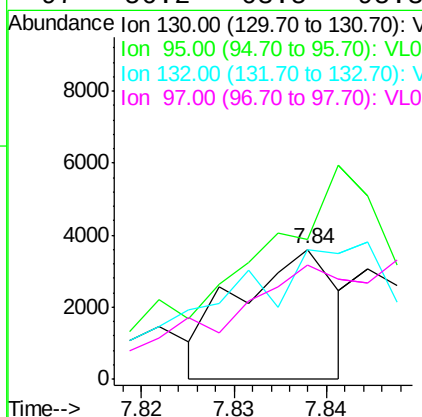
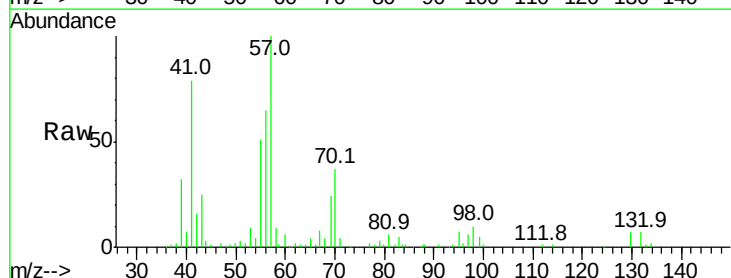
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6
50	19.3	16.6	24.8

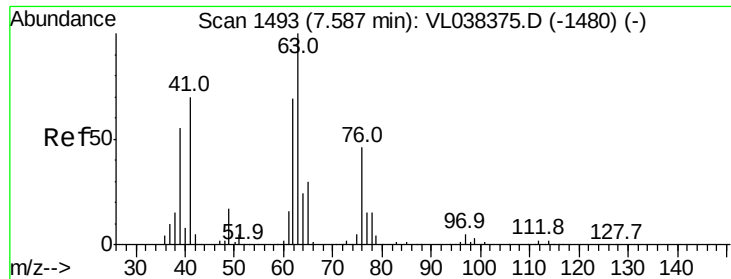


#38
Trichloroethene
Concen: 0.04 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.03 min
Lab File: VL038464.D
Acq: 1 Mar 2022 23:39

Tgt Ion: 130 Resp: 2640

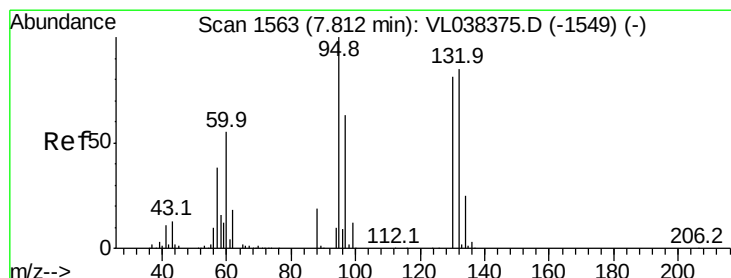
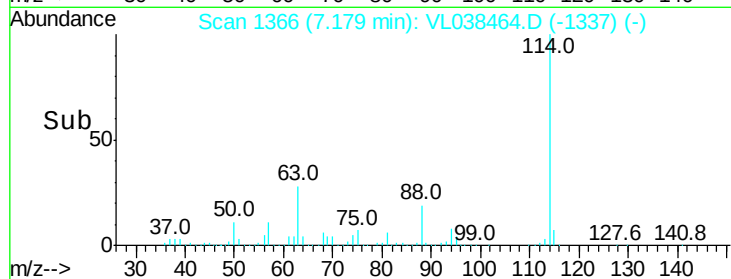
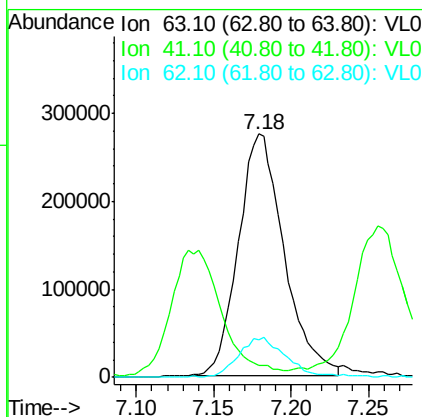
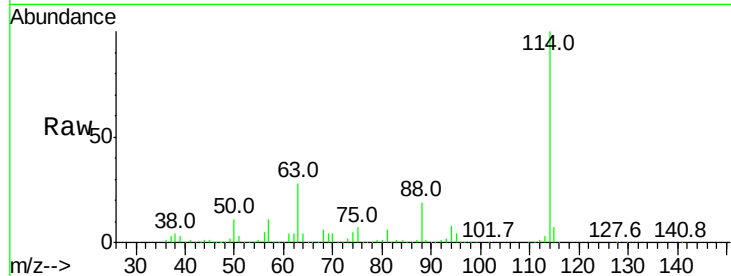
Ion	Ratio	Lower	Upper
130	100		
95	86.2	98.1	147.1#
132	66.3	80.3	120.5#
97	56.2	63.5	95.3#





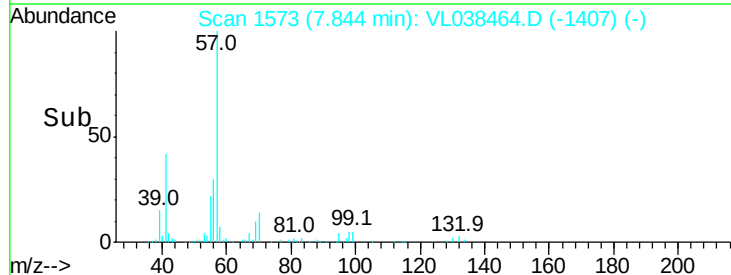
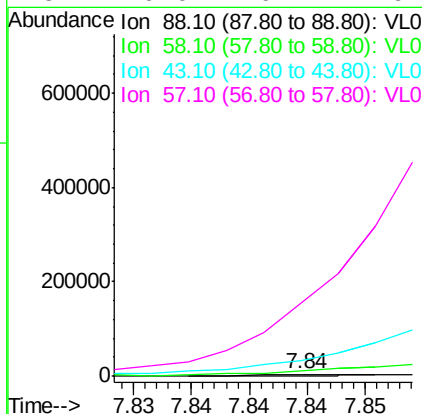
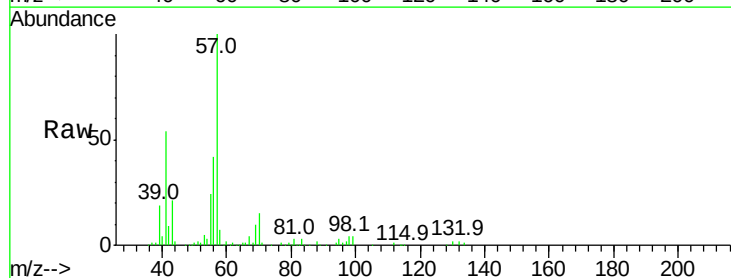
#39
 1,2-Dichloropropane
 Concen: 7.58 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 FSG2
 Acq: 1 Mar 2022 23:39

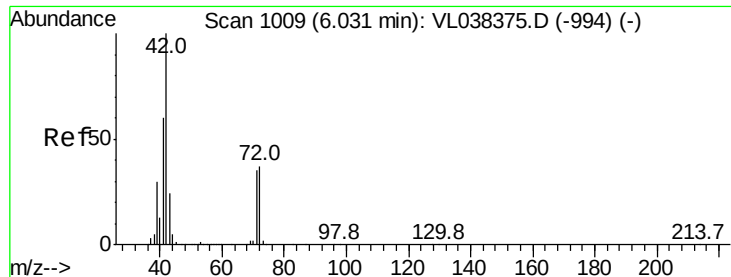
Tgt Ion: 63 Resp: 567921
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.1 84.1#
 62 15.5 55.5 83.3#



#40
 1,4-Dioxane
 Concen: 0.09 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.03 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

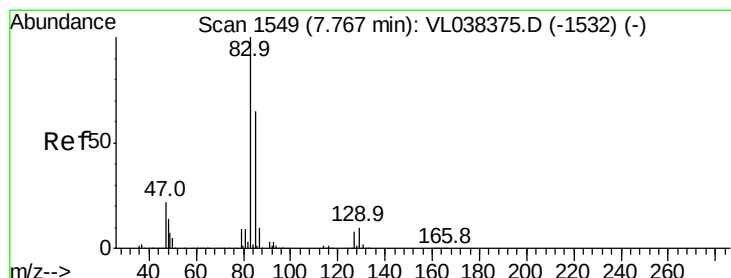
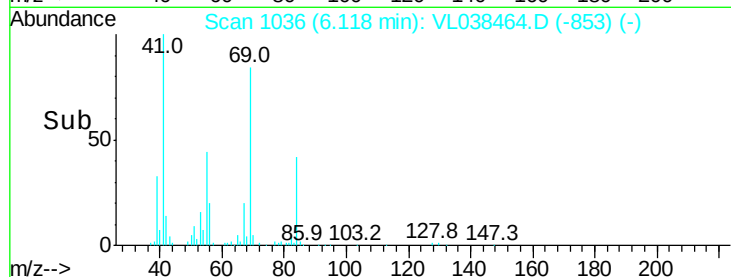
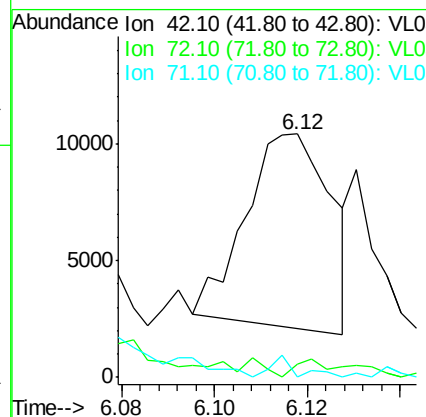
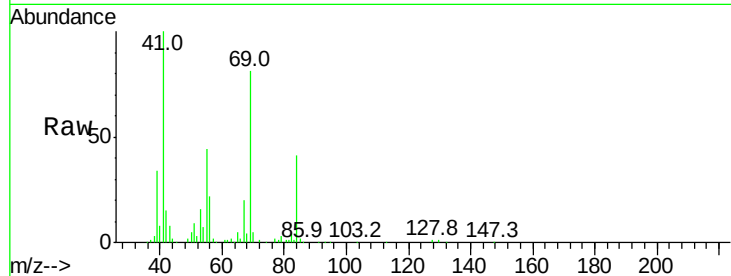
Tgt Ion: 88 Resp: 1520
 Ion Ratio Lower Upper
 88 100
 58 0.0 133.2 199.8#
 43 0.0 330.6 496.0#
 57 0.0 1462.7 2194.1#





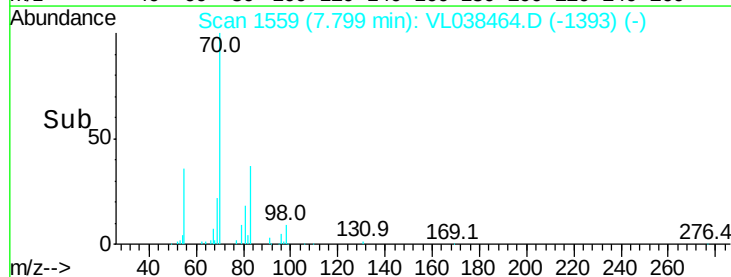
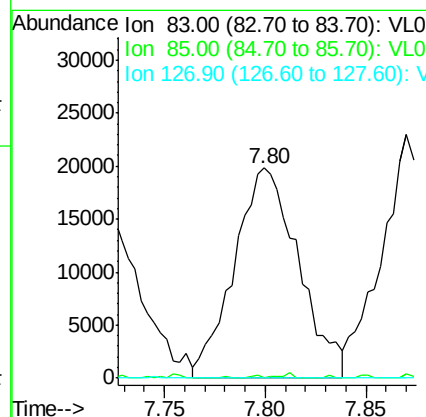
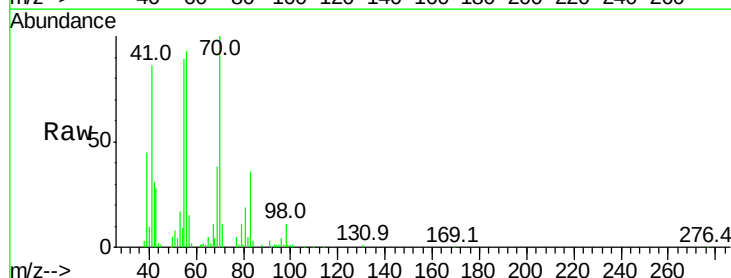
#41
Tetrahydrofuran
Concen: 0.23 ppbv
RT: 6.12
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Mar 2022 23:39

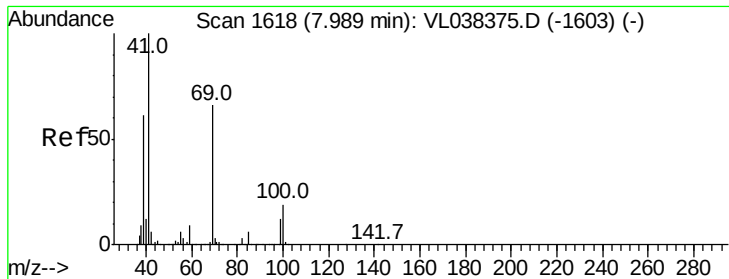
Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.3	29.9	44.9#
71	42.4	28.6	42.8



#42
Bromodichloromethane
Concen: 0.28 ppbv
RT: 7.80 min Scan# 1559
Delta R.T.: 0.03 min
Lab File: VL038464.D
Acq: 1 Mar 2022 23:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.2	78.4#
127	0.0	6.2	9.4#





#43

Methyl Methacrylate

Concen: 0.04 ppbv

RT: 8.06 Instrument: MSVOA_1

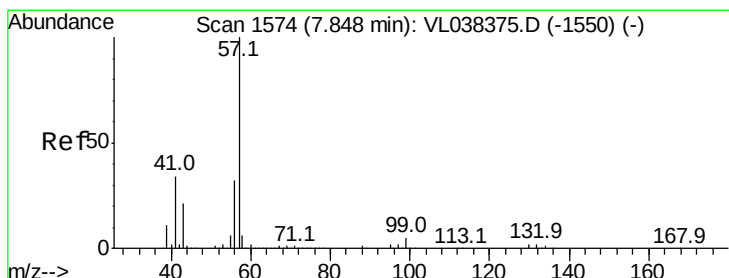
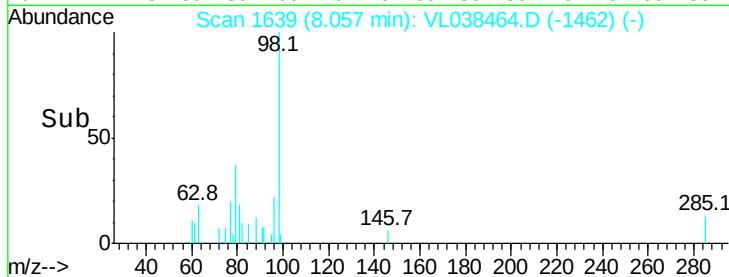
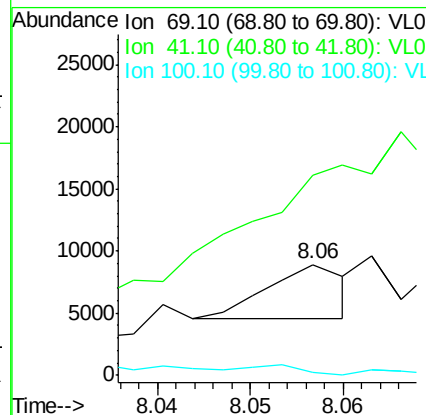
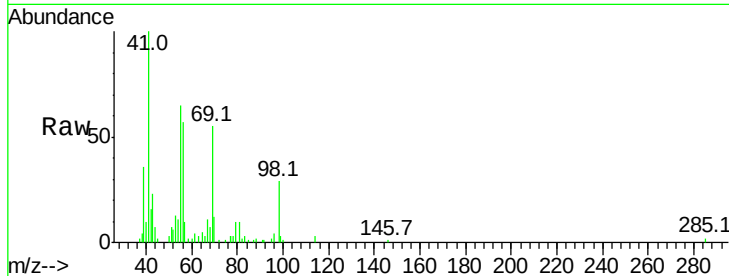
Delta R.T. ClientSampleId:

Lab File: FSG2

Acq: 1 Mar 2022 23:39

Tgt Ion: 69 Resp: 2567

Ion	Ratio	Lower	Upper
69	100		
41	0.0	122.9	184.3#
100	145.0	23.6	35.4#



#44

2,2,4-Trimethylpentane

Concen: 8.86 ppbv

RT: 7.88 min Scan# 1583

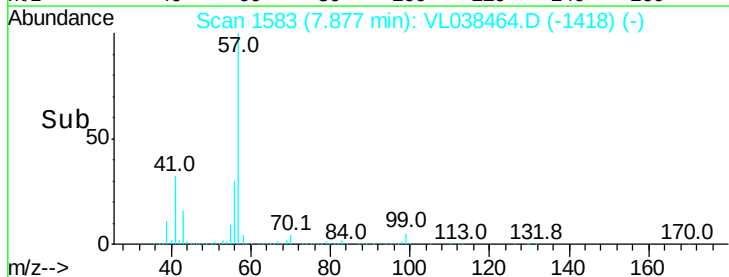
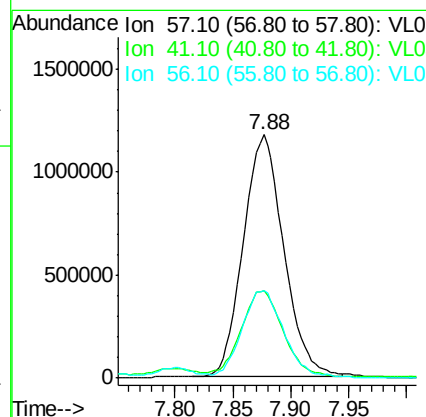
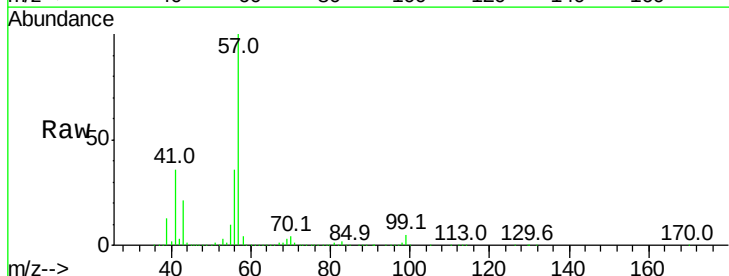
Delta R.T. 0.03 min

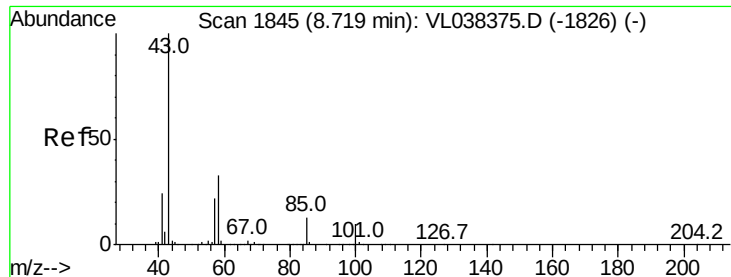
Lab File: VL038464.D

Acq: 1 Mar 2022 23:39

Tgt Ion: 57 Resp: 2866494

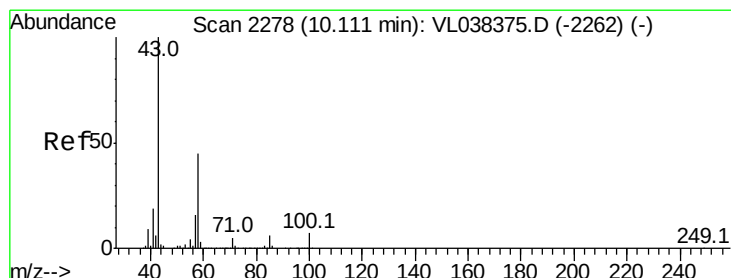
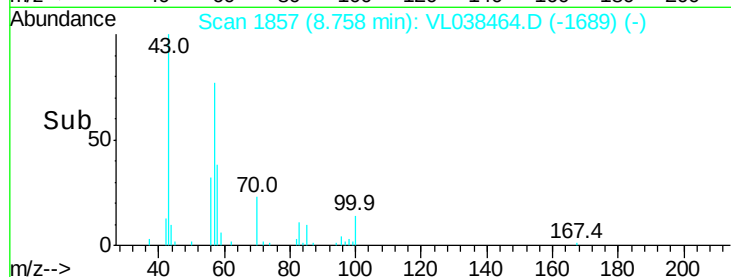
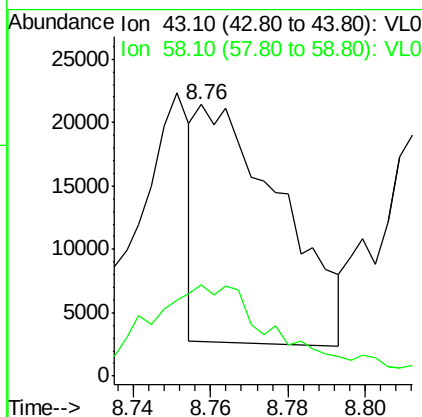
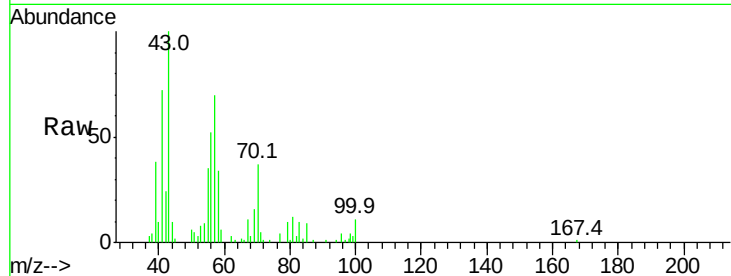
Ion	Ratio	Lower	Upper
57	100		
41	37.2	26.6	39.8
56	37.8	25.0	37.6#





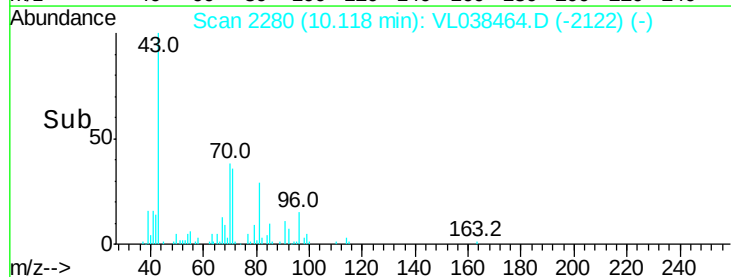
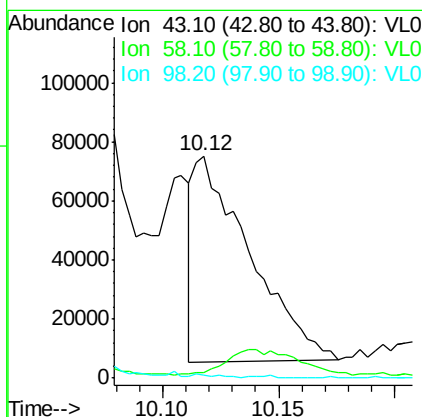
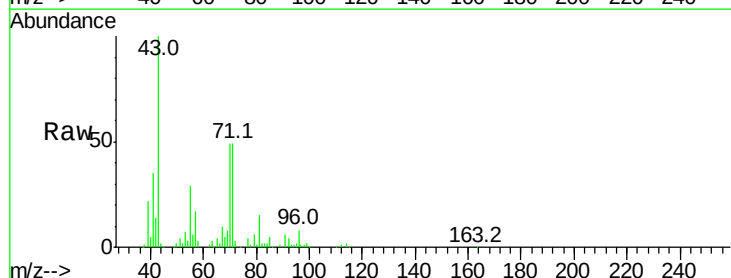
#50
 4-Methyl-2-Pentanone
 Concen: 0.24 ppbv
 RT: 8.76
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 FSG2
 Acq: 1 Mar 2022 23:39

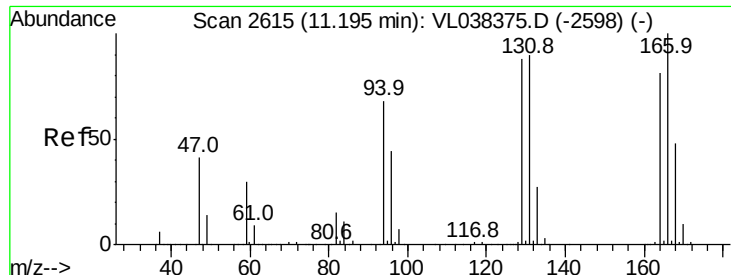
Tgt Ion: 43 Resp: 28194
 Ion Ratio Lower Upper
 43 100
 58 69.0 27.7 41.5#



#51
 2-Hexanone
 Concen: 2.18 ppbv
 RT: 10.12 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

Tgt Ion: 43 Resp: 115855
 Ion Ratio Lower Upper
 43 100
 58 23.0 37.4 56.0#
 98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.03 ppbv

RT: 11.24 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 23:39 FSG2

Tgt Ion: 164 Resp: 2035

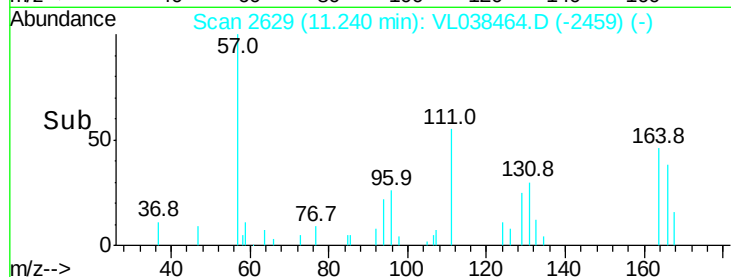
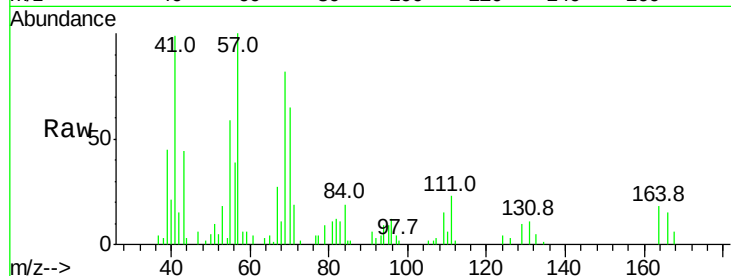
Ion Ratio Lower Upper

164 100

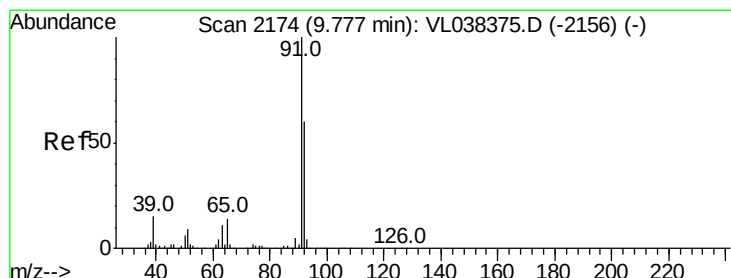
166 66.2 98.6 148.0#

129 47.1 86.9 130.3#

131 33.5 88.6 133.0#



Time-->



#53

Toluene

Concen: 20.23 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. 0.03 min

Lab File: VL038464.D

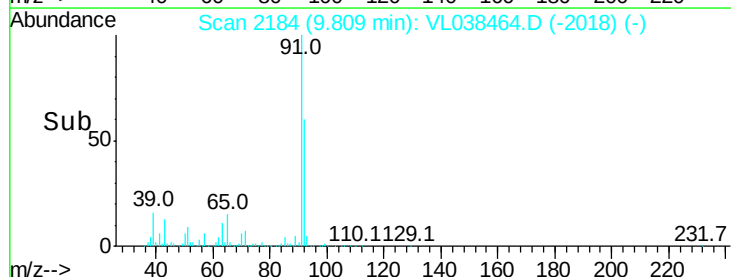
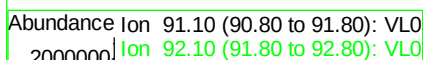
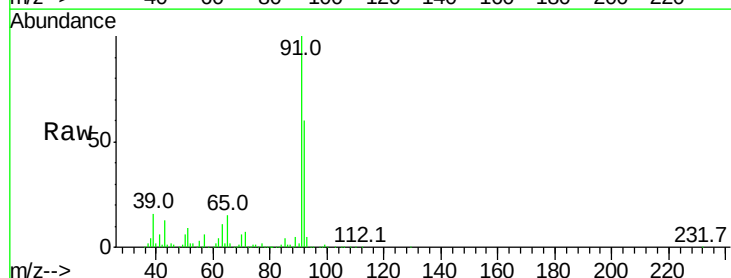
Acq: 1 Mar 2022 23:39

Tgt Ion: 91 Resp: 4132023

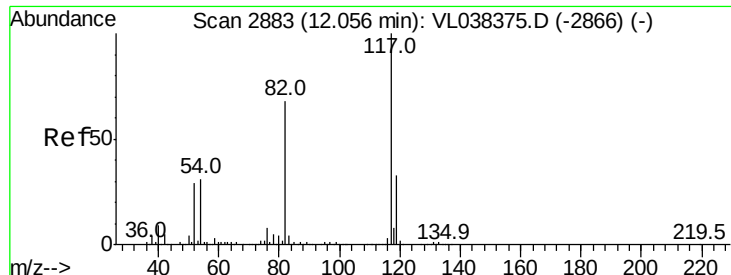
Ion Ratio Lower Upper

91 100

92 61.0 48.2 72.4

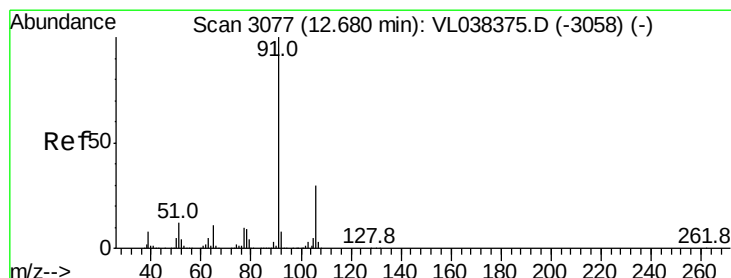
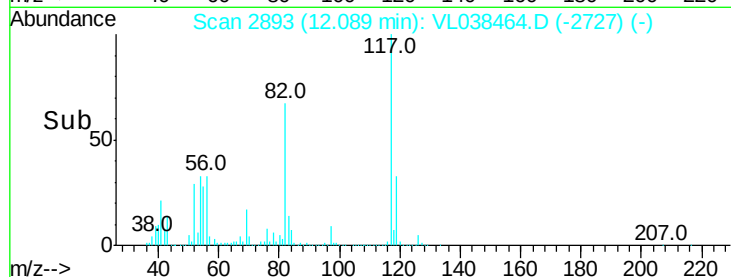
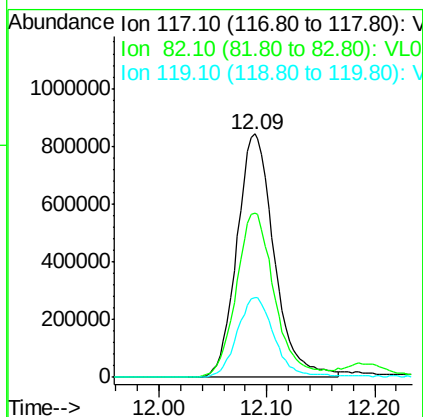
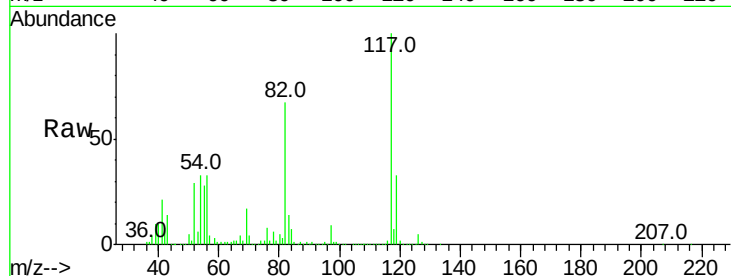


Time-->



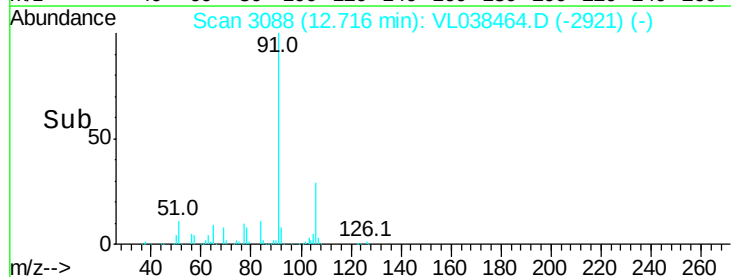
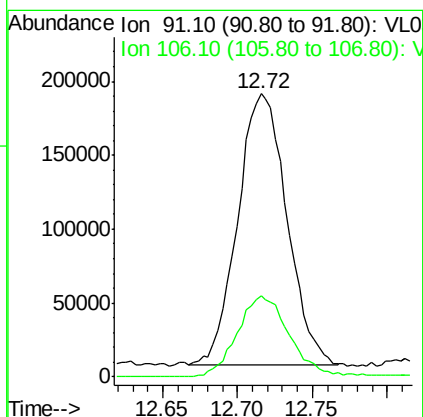
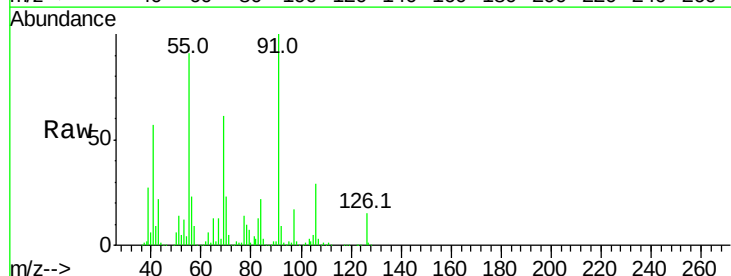
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Mar 2022 23:39

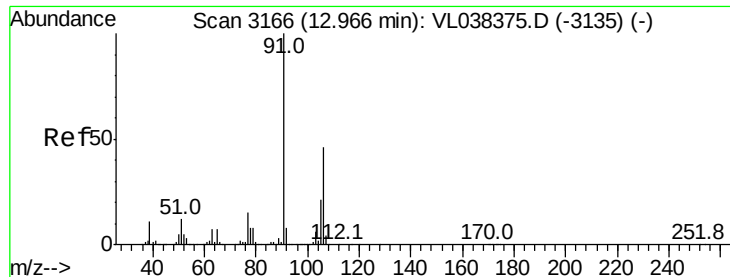
Tgt Ion: 117 Resp: 2026517
Ion Ratio Lower Upper
117 100
82 70.3 54.9 82.3
119 34.0 46.1 69.1#



#58
Ethyl Benzene
Concen: 1.52 ppbv
RT: 12.72 min Scan# 3088
Delta R.T.: 0.04 min
Lab File: VL038464.D
Acq: 1 Mar 2022 23:39

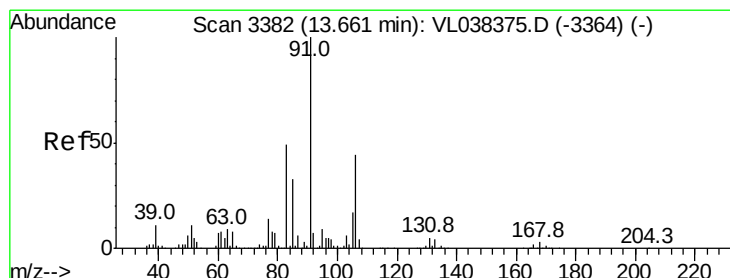
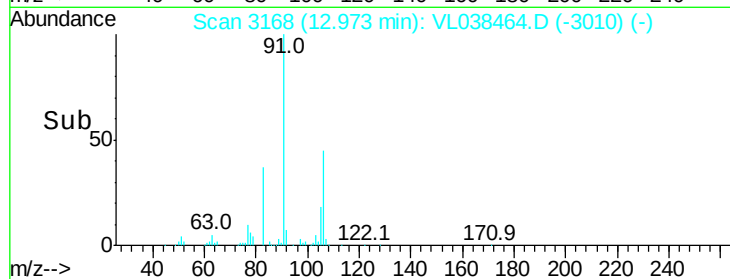
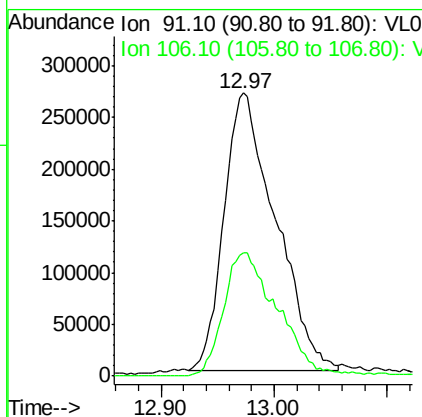
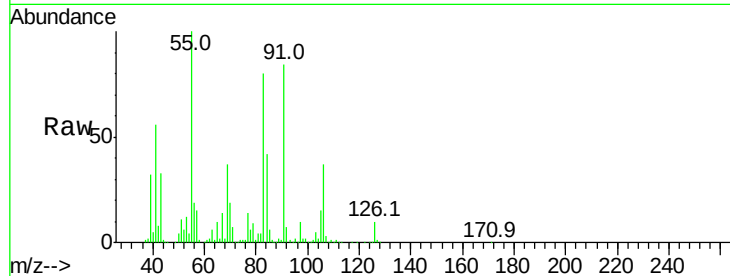
Tgt Ion: 91 Resp: 419875
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0





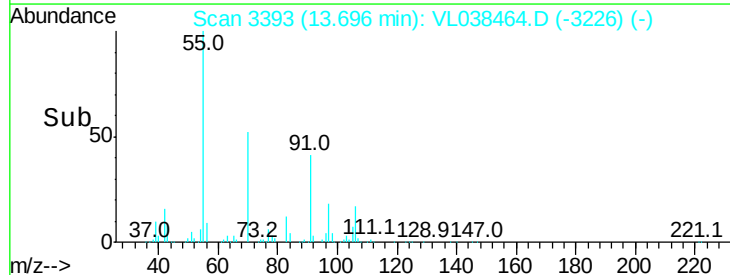
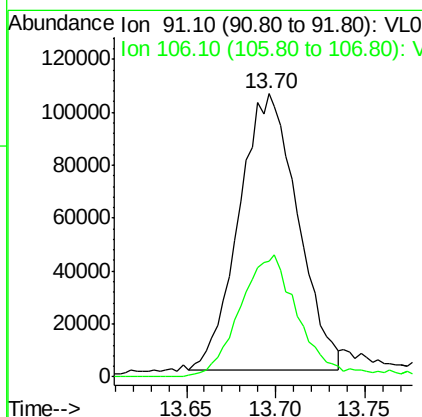
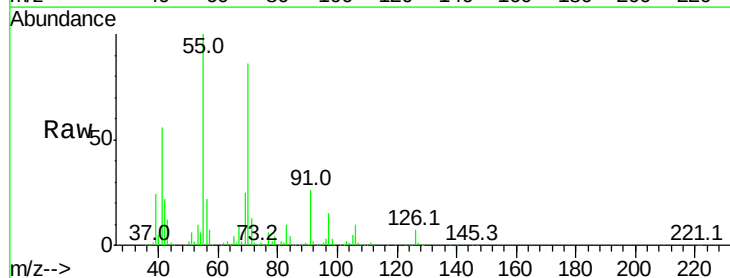
#59
m/p-Xylene
Concen: 3.55 ppbv
RT: 12.97 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Mar 2022 23:39

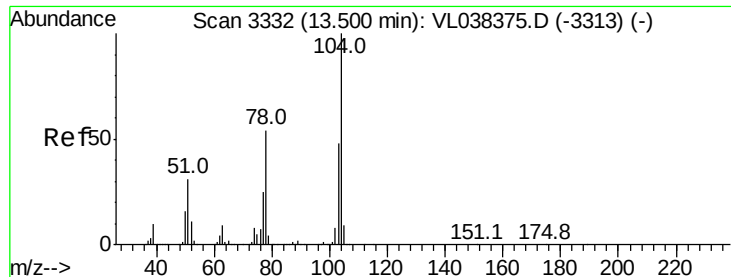
Tgt Ion: 91 Resp: 844750
Ion Ratio Lower Upper
91 100
106 46.7 34.4 51.6



#60
o-Xylene
Concen: 1.07 ppbv
RT: 13.70 min Scan# 3393
Delta R.T.: 0.04 min
Lab File: VL038464.D
Acq: 1 Mar 2022 23:39

Tgt Ion: 91 Resp: 240246
Ion Ratio Lower Upper
91 100
106 46.6 21.9 65.5





#61

Styrene

Concen: 0.26 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Mar 2022 23:39

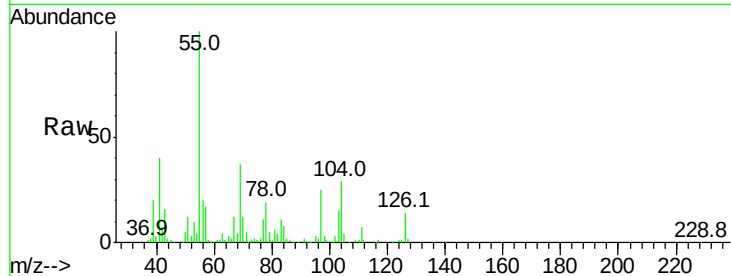
Tgt Ion:104 Resp: 27079

Ion Ratio Lower Upper

104 100

78 150.7 44.2 66.4#

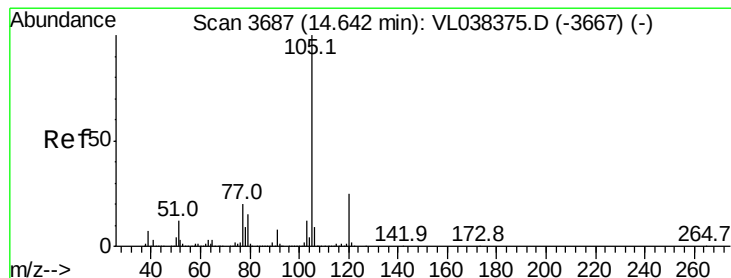
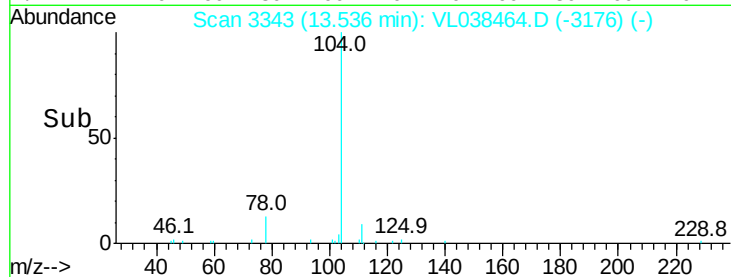
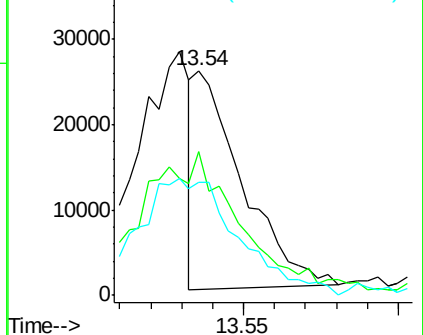
103 0.0 38.4 57.6#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 18.75 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.03 min

Lab File: VL038464.D

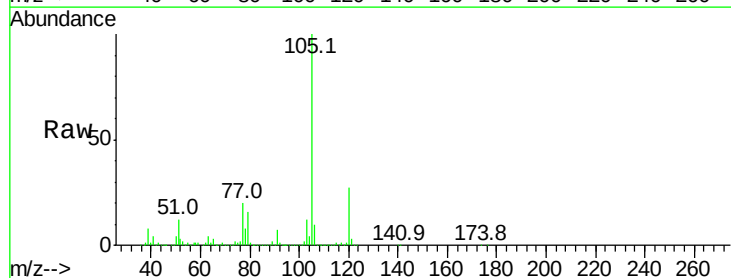
Acq: 1 Mar 2022 23:39

Tgt Ion:105 Resp: 5662303

Ion Ratio Lower Upper

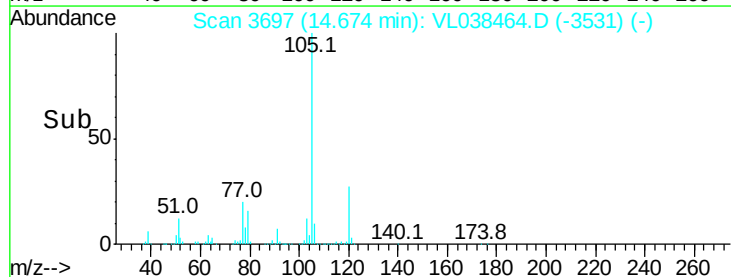
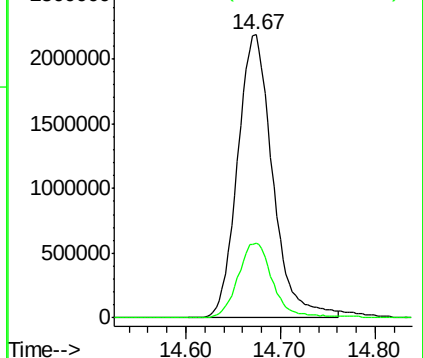
105 100

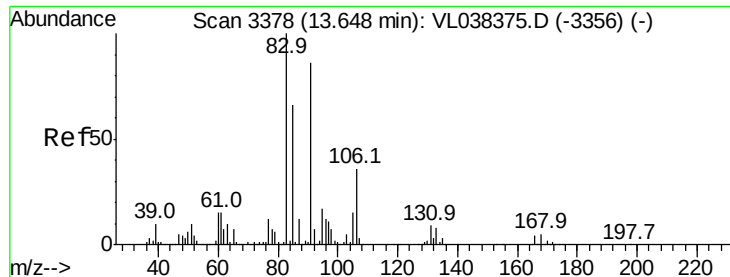
120 26.6 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

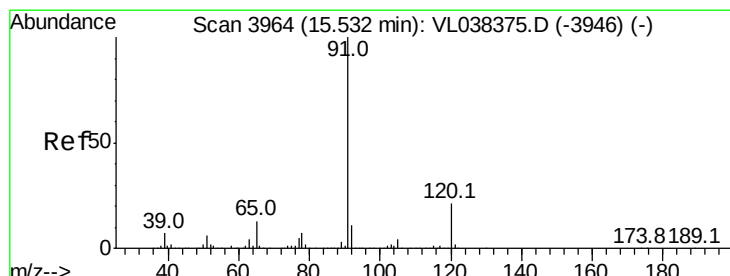
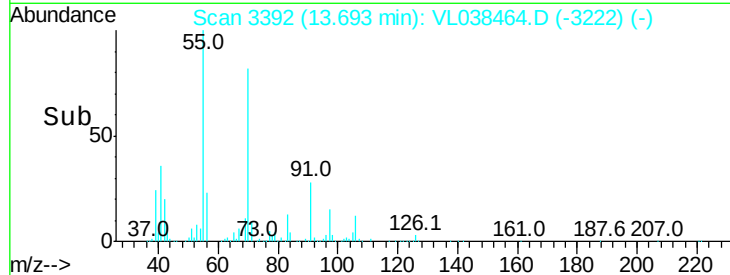
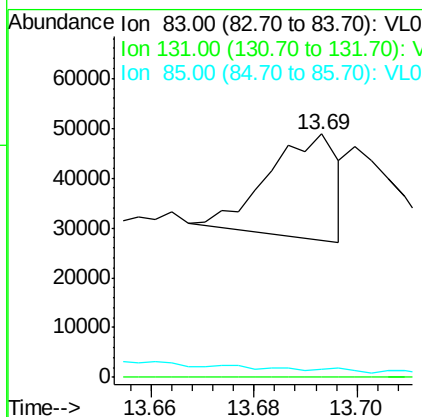
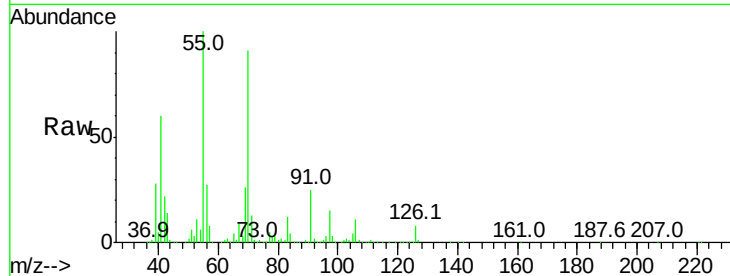
Ion 120.20 (119.90 to 120.90): V





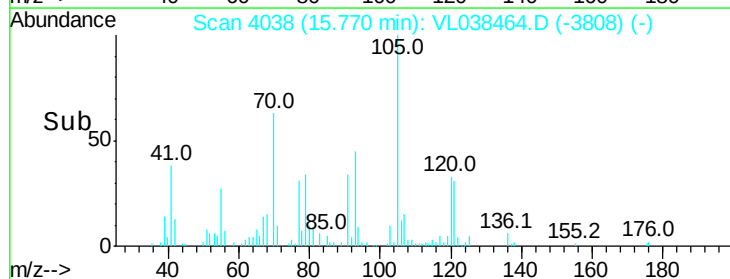
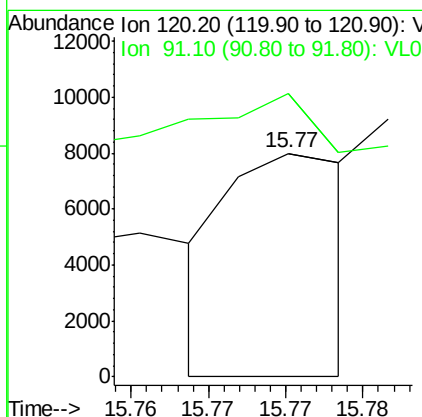
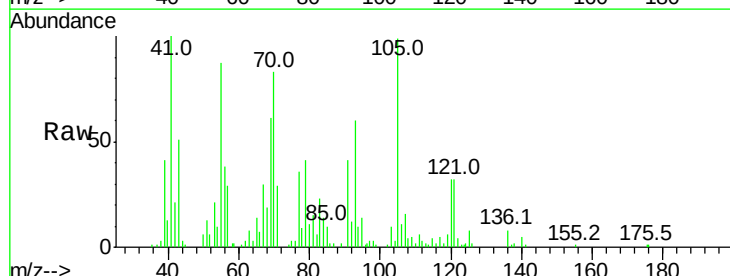
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.11 ppbv
 RT: 13.69
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 FSG2
 Acq: 1 Mar 2022 23:39

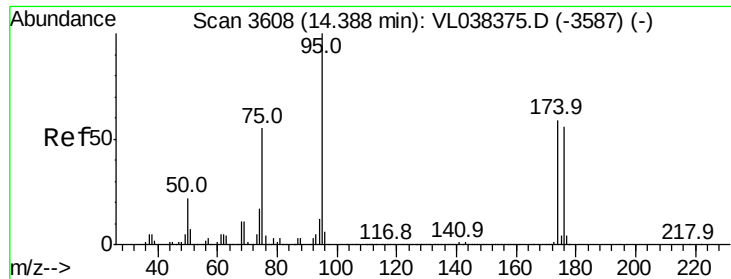
Tgt Ion: 83 Resp: 19400
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 0.0 33.0 99.0#



#64
 n-propylbenzene
 Concen: 0.06 ppbv
 RT: 15.77 min Scan# 4038
 Delta R.T. 0.24 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

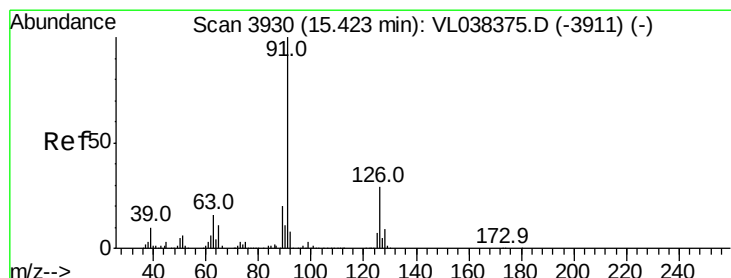
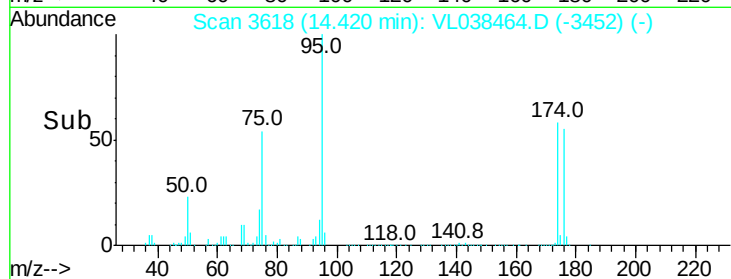
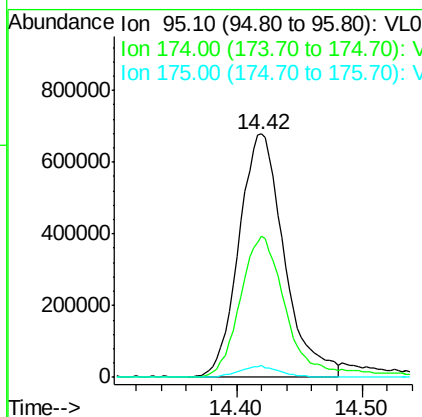
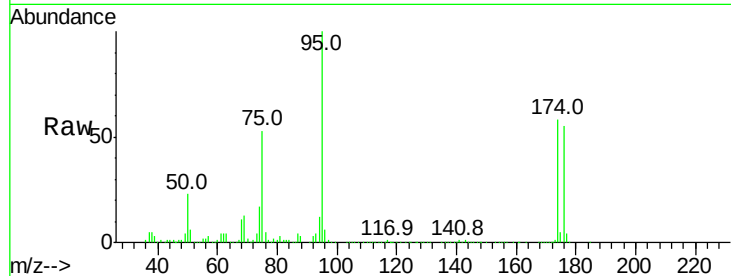
Tgt Ion: 120 Resp: 4399
 Ion Ratio Lower Upper
 120 100
 91 511.6 388.1 582.1





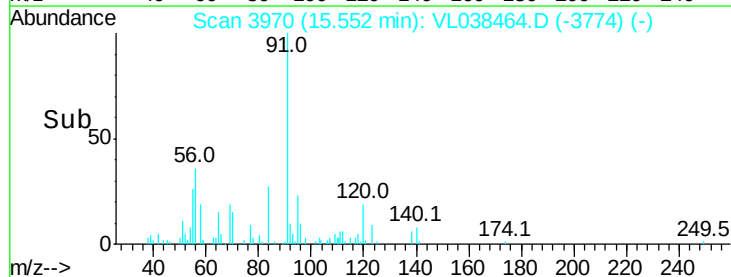
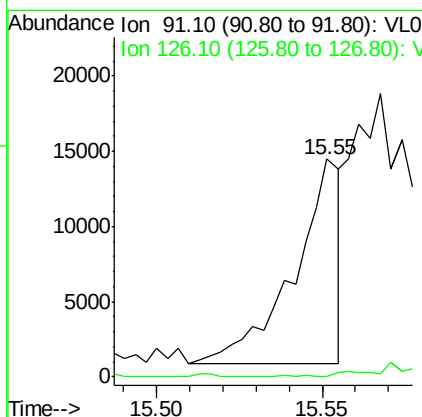
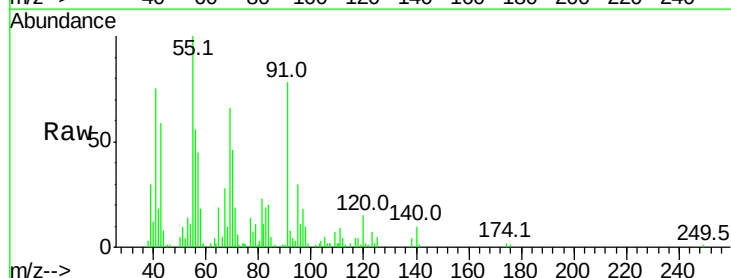
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.09 ppbv
 RT: 14.42 min
 Delta R.T.: 0.13 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

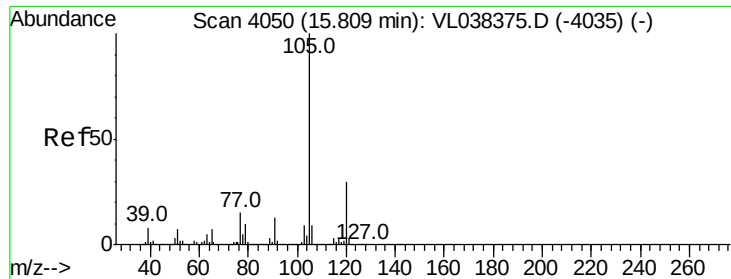
Tgt Ion: 95 Resp: 1691720
 Ion Ratio Lower Upper
 95 100
 174 61.6 49.0 73.4
 175 4.6 3.6 5.4



#71
 2-Chlorotoluene
 Concen: 0.06 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T.: 0.13 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

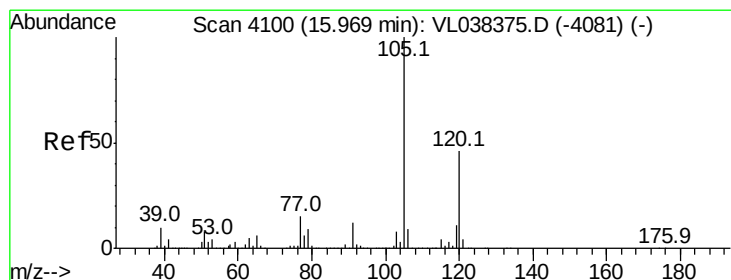
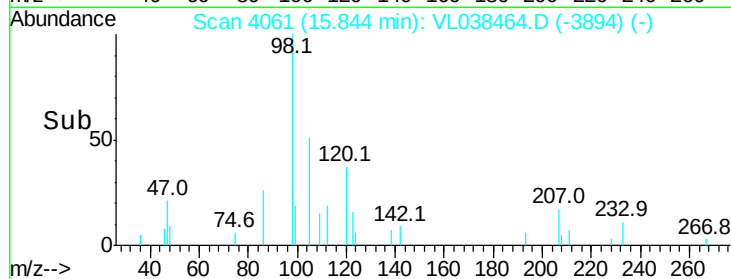
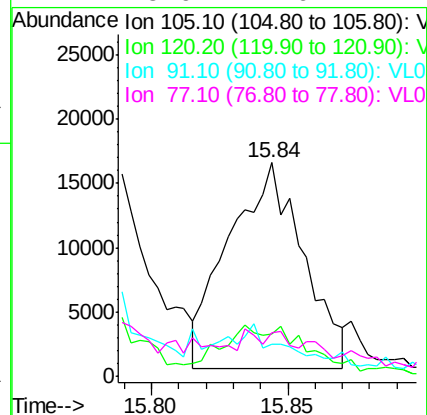
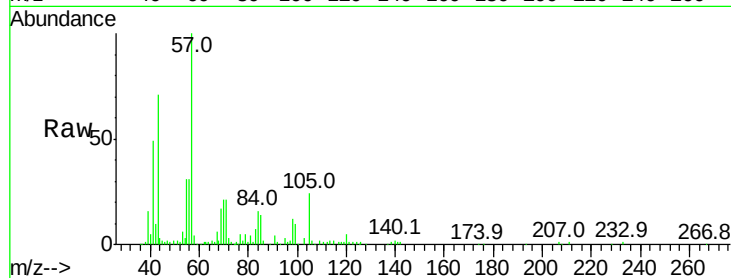
Tgt Ion: 91 Resp: 13288
 Ion Ratio Lower Upper
 91 100
 126 0.0 11.9 47.7#





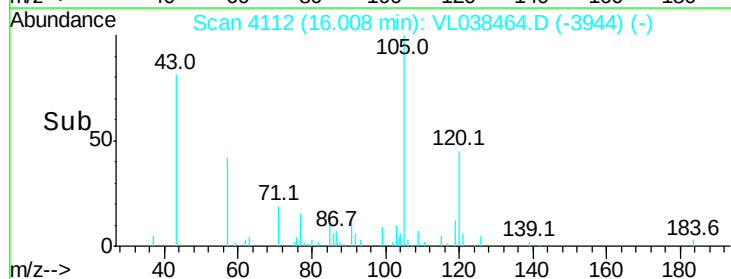
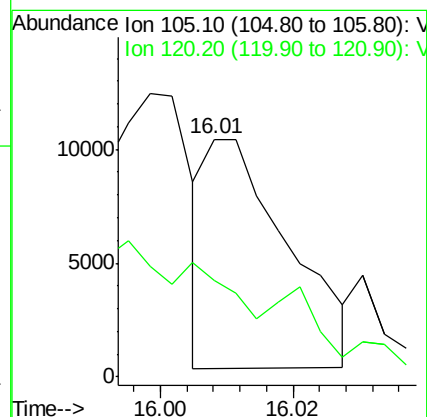
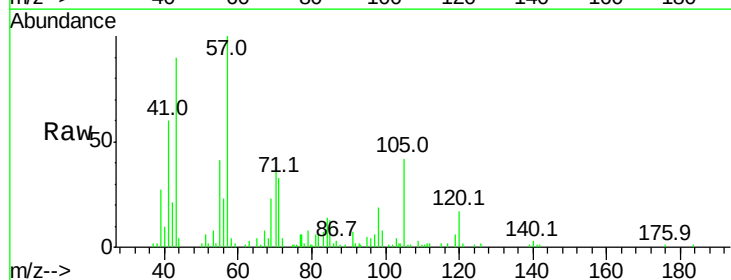
#72
 4-Ethyltoluene
 Concen: 0.12 ppbv
 RT: 15.84 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 1 Mar 2022 23:39

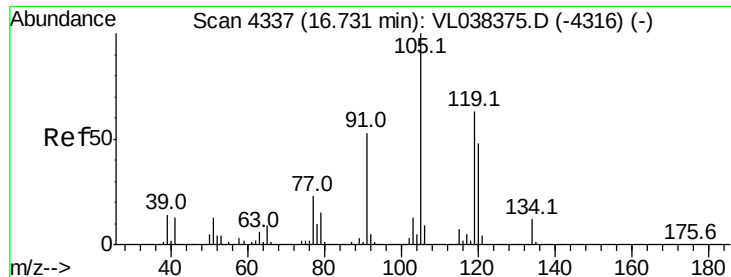
Tgt Ion:	105	Resp:	30406
Ion Ratio	Lower	Upper	
105	100		
120	30.9	23.4	35.2
91	23.9	10.4	15.6#
77	25.9	11.6	17.4#



#73
 1,3,5-Trimethylbenzene
 Concen: 0.04 ppbv
 RT: 16.01 min Scan# 4112
 Delta R.T. 0.04 min
 Lab File: VL038464.D
 Acq: 1 Mar 2022 23:39

Tgt Ion:	105	Resp:	8689
Ion Ratio	Lower	Upper	
105	100		
120	46.3	36.6	55.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.18 ppbv
 RT: 16.76
 Delta R.T: MSVOA_1
 Lab File: ClientSampleId :
 FSG2
 Acq: 1 Mar 2022 23:39

Tgt Ion:	105	Resp:	42877
Ion Ratio	Lower	Upper	
105	100		
120	43.7	38.2	57.4
91	13.1	42.7	64.1#
77	15.3	18.5	27.7#

