

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061422\
 Data File : VL039283.D
 Acq On : 14 Jun 2022 16:44
 Operator : SY/AP
 Sample : N3330-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2

Quant Time: Jul 02 06:18:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1083020	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2945093	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2777607	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2252331	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	41895	0.22	ppbv	89
3) Chlorodifluoromethane	3.00	51	6913149	50.17	ppbv	96
4) Chloromethane	3.15	50	23441	0.33	ppbv	95
5) Vinyl Chloride	3.27	62	295	0.00	ppbv #	44
6) Bromomethane	3.48	94	414	0.01	ppbv	88
7) Chloroethane	3.57	64	2636	0.11	ppbv #	61
8) Dichlorotetrafluoroethane	3.20	85	1847	0.01	ppbv #	1
9) Propene	3.02	41	120897	2.01	ppbv	90
10) Heptane	8.13	43	43657	0.31	ppbv	99
11) Trichlorofluoromethane	3.96	101	41660	0.24	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	4705	0.04	ppbv #	1
13) Ethanol	3.61	45	5106807	1558.45	ppbv #	100
14) Bromoethene	3.74	108	155	0.00	ppbv #	4
15) Acetone	3.85	43	2479473	21.98	ppbv	97
16) 1,3-Butadiene	3.32	39	27914	0.46	ppbv	88
17) tert-Butyl alcohol	4.31	59	179269	2.05	ppbv	100
18) 1,1-Dichloroethene	4.30	96	149	0.00	ppbv #	1
19) Isopropyl Alcohol	3.98	45	464356	8.78	ppbv #	1
20) Methylene Chloride	4.35	84	1286837	27.07	ppbv	93
21) Allyl Chloride	4.37	41	10085	0.13	ppbv #	23
22) trans-1,2-Dichloroethene	4.89	96	387	0.01	ppbv #	4
23) Vinyl Acetate	5.07	43	127905	1.37	ppbv #	68
24) 1,1-Dichloroethane	5.02	63	1321	0.01	ppbv #	89
25) Ethyl Acetate	5.68	43	1978717	7.78	ppbv #	96
26) Hexane	5.69	57	1127199	10.09	ppbv #	78
27) Carbon Disulfide	4.55	76	4539	0.04	ppbv #	1
28) Methyl tert-Butyl Ether	5.04	73	510	0.00	ppbv #	52
29) Chloroform	5.75	83	184860	0.98	ppbv	90
30) Cyclohexane	7.14	84	3465	0.04	ppbv #	1
31) cis-1,2-Dichloroethene	5.55	61	30802	0.27	ppbv	91
32) 1,1,1-Trichloroethane	6.52	97	1342	0.01	ppbv #	1
34) 2-Butanone	5.25	43	423374	2.65	ppbv	99
35) Carbon Tetrachloride	7.03	117	6386	0.03	ppbv	97
36) Benzene	6.90	78	1201073	5.02	ppbv	98
37) 1,2-Dichloroethane	6.31	62	1627	0.01	ppbv #	55
38) Trichloroethene	7.84	130	340943	3.10	ppbv	92
39) 1,2-Dichloropropane	7.18	63	722235	7.59	ppbv #	24
40) 1,4-Dioxane	7.84	88	1953	0.06	ppbv #	1
41) Tetrahydrofuran	6.02	42	12154	0.13	ppbv #	35
42) Bromodichloromethane	7.80	83	3593	0.02	ppbv #	57
43) Methyl Methacrylate	8.02	69	2578	0.03	ppbv #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061422\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

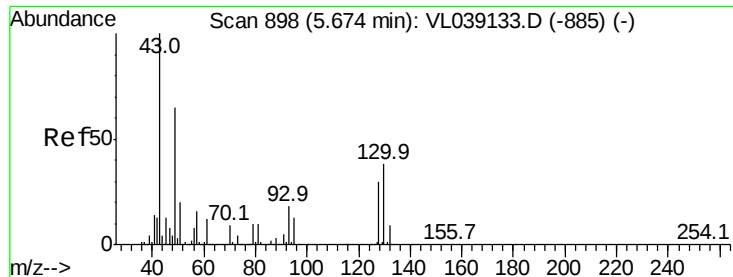
Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2

Quant Time: Jul 02 06:18:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.87	57	33386	0.08	ppbv #	71
45) t-1,3-Dichloropropene	9.28	75	98	0.00	ppbv #	20
46) cis-1,3-Dichloropropene	8.71	75	120	0.00	ppbv #	1
47) 1,1,2-Trichloroethane	9.48	97	2002	0.02	ppbv #	59
48) Dibromochloromethane	10.53	129	101	0.00	ppbv	58
49) Bromoform	13.04	173	195	0.00	ppbv #	26
50) 4-Methyl-2-Pentanone	8.75	43	61439	0.26	ppbv #	38
51) 2-Hexanone	10.15	43	31588	0.17	ppbv #	34
52) Tetrachloroethene	11.29	164	33344099	357.18	ppbv	91
53) Toluene	9.81	91	179273	0.65	ppbv	99
54) 1,2-Dibromoethane	10.60	107	285	0.00	ppbv #	5
56) 1,1,1,2-Tetrachloroethane	12.14	131	3495	0.03	ppbv #	1
57) Chlorobenzene	12.15	112	10786	0.05	ppbv #	55
58) Ethyl Benzene	13.00	91	38287	0.10	ppbv	91
59) m/p-Xylene	13.00	91	38287	0.11	ppbv #	33
60) o-Xylene	13.69	91	78193	0.25	ppbv	99
61) Styrene	13.53	104	8720	0.05	ppbv #	1
62) Isopropylbenzene	14.67	105	1133461	2.41	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	17393	0.10	ppbv #	13
64) n-propylbenzene	15.57	120	2915	0.03	ppbv #	1
65) tert-Butylbenzene	16.76	119	9590	0.02	ppbv #	1
66) Benzyl Chloride	17.00	91	1319	0.02	ppbv #	51
67) sec-Butylbenzene	17.30	105	3457	0.01	ppbv #	59
69) p-Isopropyltoluene	17.66	119	16060	0.03	ppbv #	20
70) n-Butylbenzene	18.55	91	9901	0.02	ppbv #	1
71) 2-Chlorotoluene	15.54	91	2590	0.01	ppbv	98
72) 4-Ethyltoluene	15.84	105	46192	0.12	ppbv #	88
73) 1,3,5-Trimethylbenzene	16.00	105	27693	0.08	ppbv	88
74) 1,2,4-Trimethylbenzene	16.76	105	183184	0.49	ppbv #	61
75) 1,3-Dichlorobenzene	17.00	146	1227	0.01	ppbv #	23
76) 1,4-Dichlorobenzene	17.15	146	4772	0.02	ppbv #	22
77) 1,2-Dichlorobenzene	17.82	146	1697	0.01	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.37	225	4515	0.02	ppbv #	1
79) Naphthalene	22.20	128	9049	0.03	ppbv #	85
80) Naphthalene,2-methyl-	24.96	142	5779	0.05	ppbv #	86
81) 1,2,4-Trichlorobenzene	21.92	180	2084	0.01	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44 OTC-SG-2

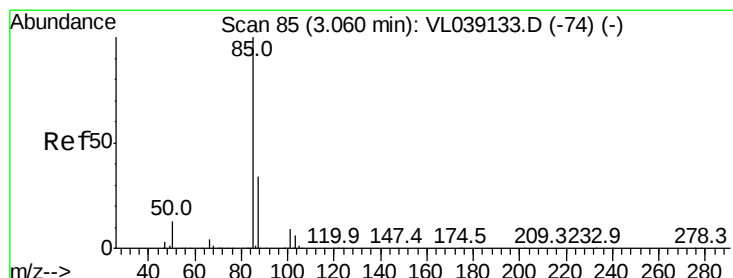
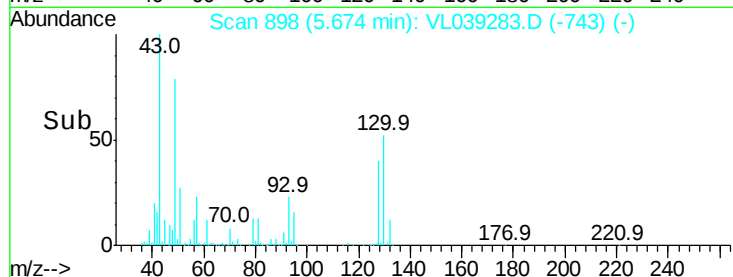
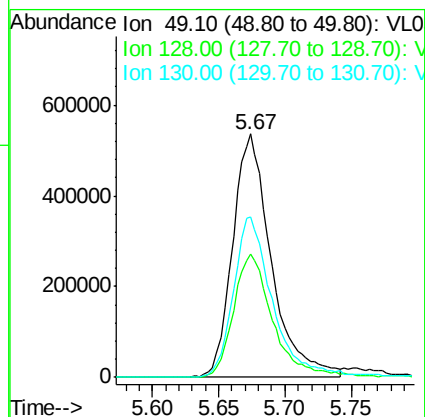
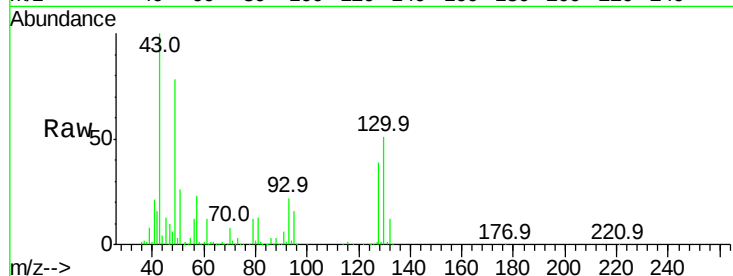
Tgt Ion: 49 Resp: 1083020

Ion Ratio Lower Upper

49 100

128 52.8 24.7 74.1

130 68.0 31.4 94.0



#2

Dichlorodifluoromethane

Concen: 0.22 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039283.D

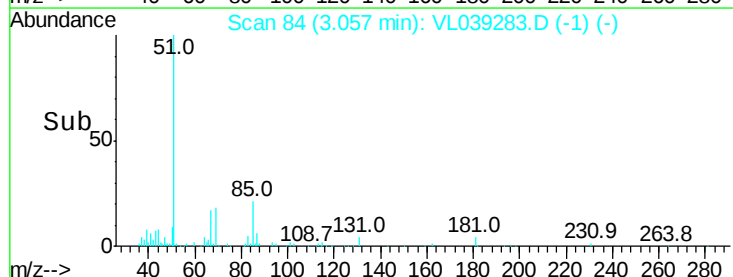
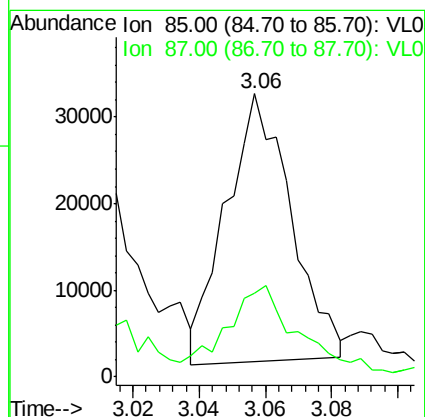
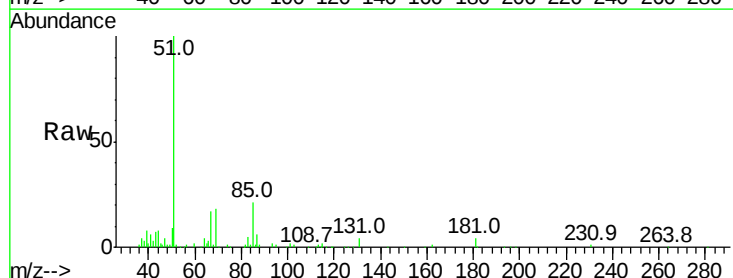
Acq: 14 Jun 2022 16:44

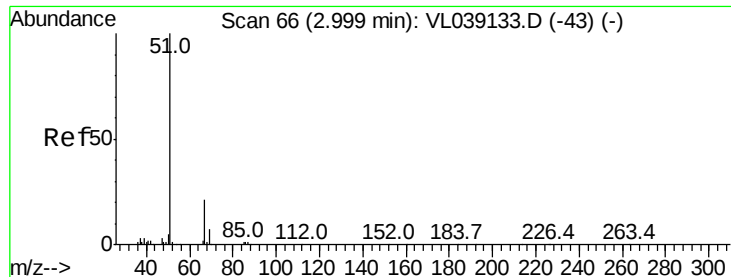
Tgt Ion: 85 Resp: 41895

Ion Ratio Lower Upper

85 100

87 27.5 26.9 40.3





#3

Chlorodifluoromethane

Concen: 50.17 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

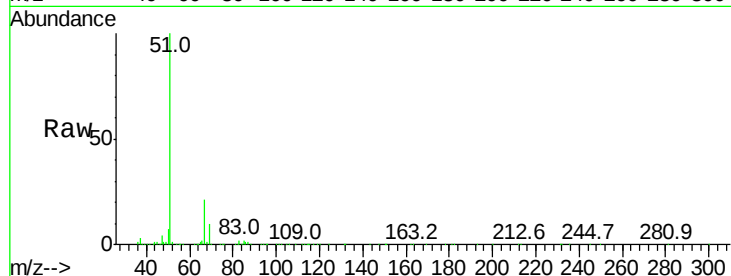
Acq: 14 Jun 2022 16:44

Tgt Ion: 51 Resp: 6913149

Ion Ratio Lower Upper

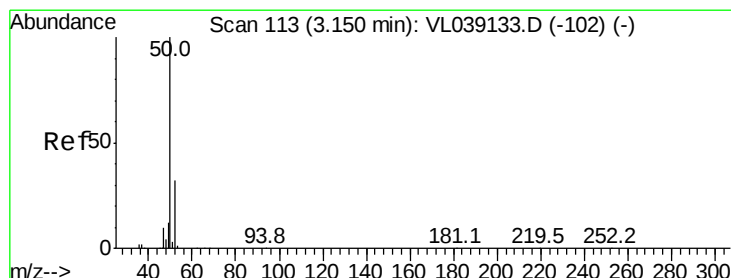
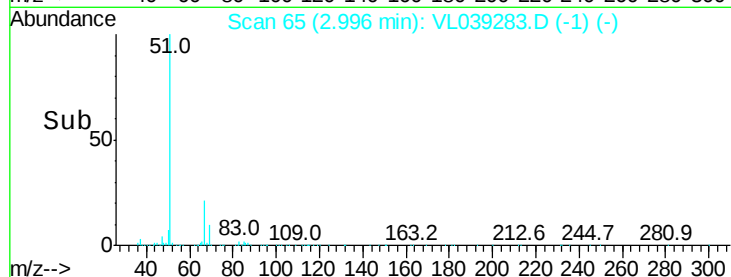
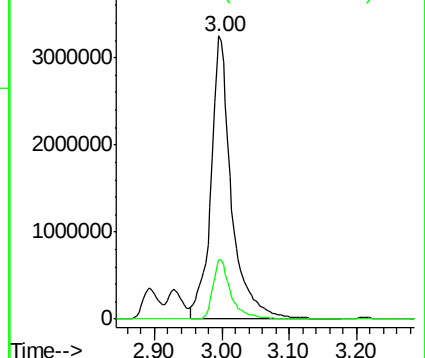
51 100

67 18.5 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.33 ppbv

RT: 3.15 min Scan# 112

Delta R.T. -0.00 min

Lab File: VL039283.D

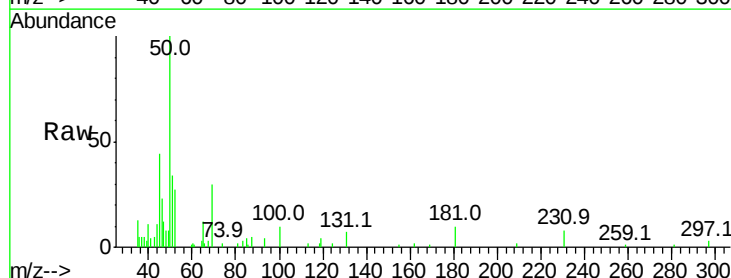
Acq: 14 Jun 2022 16:44

Tgt Ion: 50 Resp: 23441

Ion Ratio Lower Upper

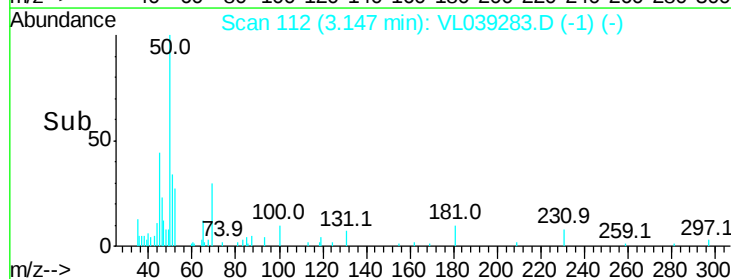
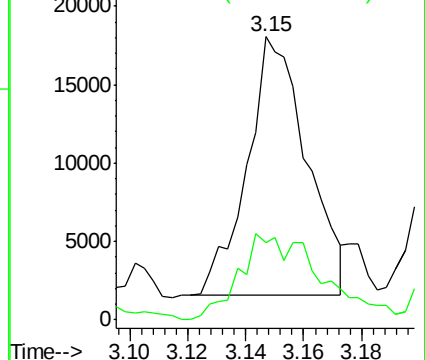
50 100

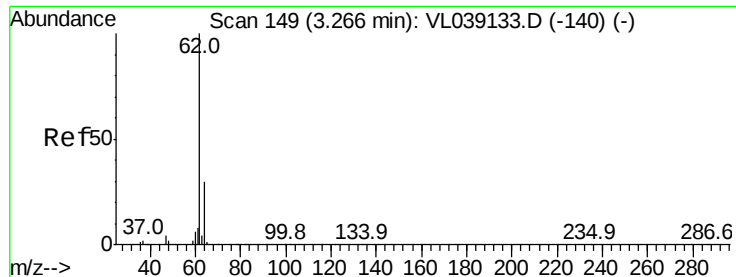
52 29.8 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.00 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

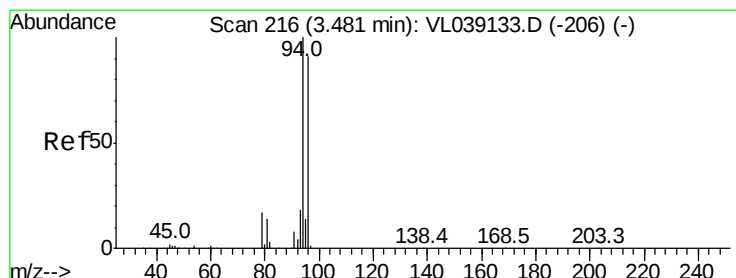
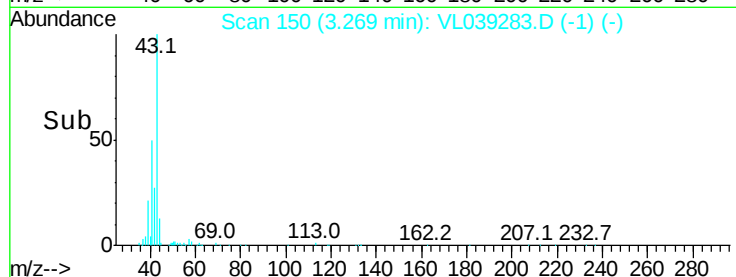
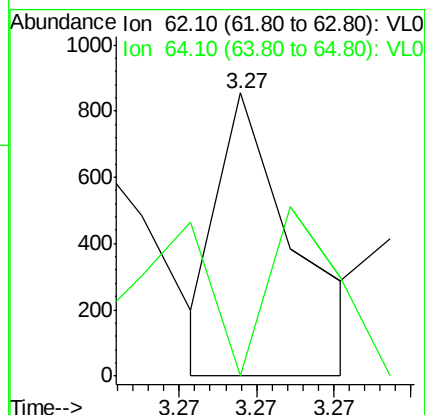
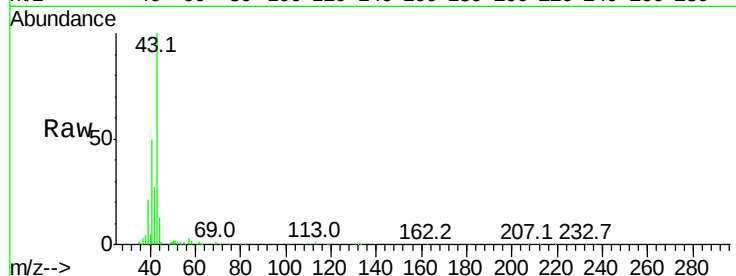
Acq: 14 Jun 2022 16:44

Tgt Ion: 62 Resp: 295

Ion Ratio Lower Upper

62 100

64 0.0 24.2 36.2#



#6

Bromomethane

Concen: 0.01 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL039283.D

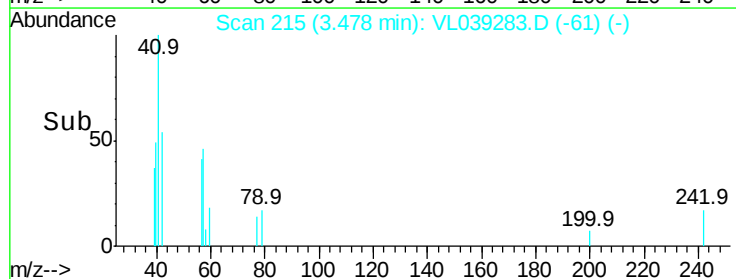
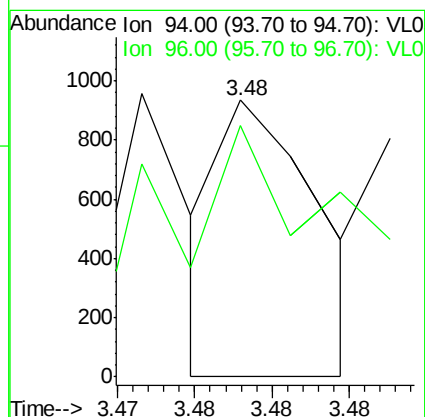
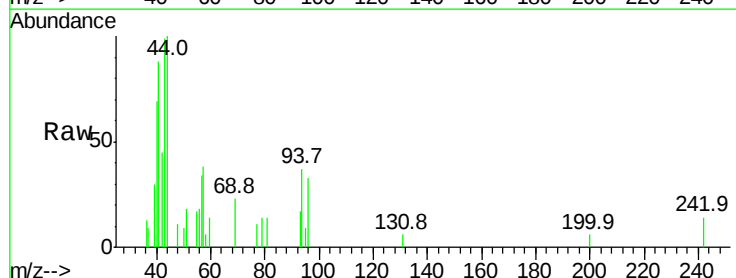
Acq: 14 Jun 2022 16:44

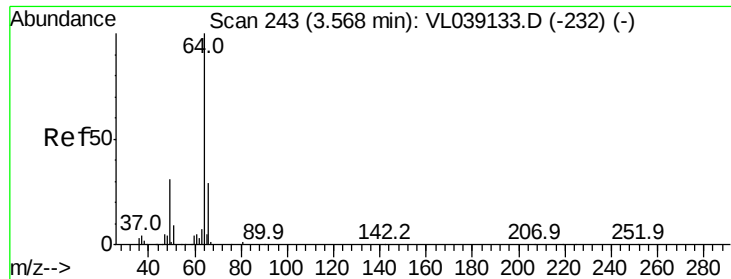
Tgt Ion: 94 Resp: 414

Ion Ratio Lower Upper

94 100

96 102.1 73.0 109.4





#7

Chloroethane

Concen: 0.11 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

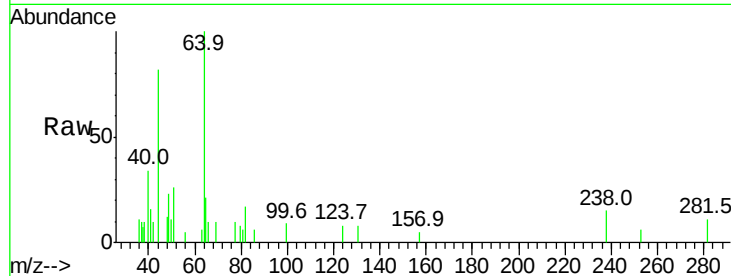
Acq: 14 Jun 2022 16:44 OTC-SG-2

Tgt Ion: 64 Resp: 2636

Ion Ratio Lower Upper

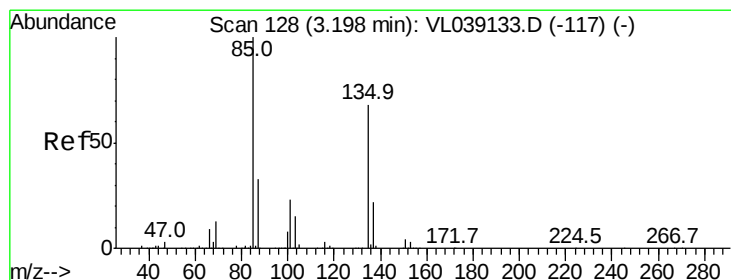
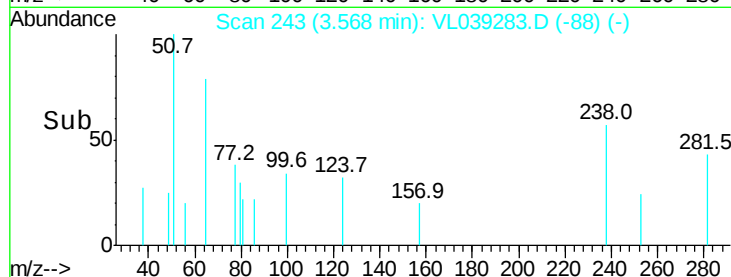
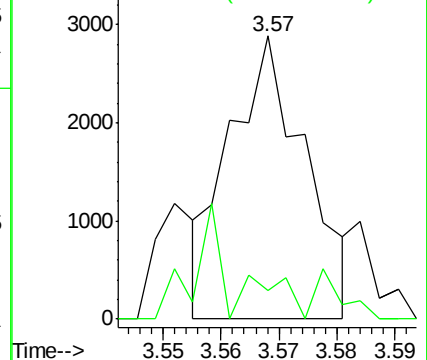
64 100

66 8.4 23.6 35.4#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.01 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.00 min

Lab File: VL039283.D

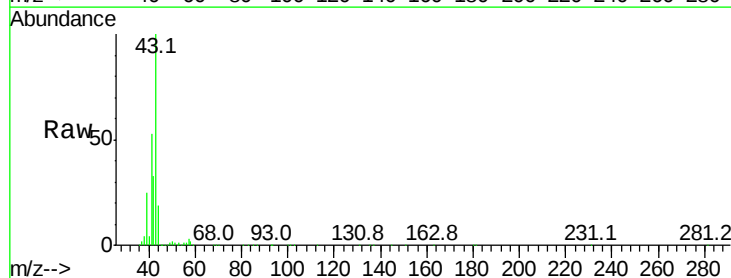
Acq: 14 Jun 2022 16:44

Tgt Ion: 85 Resp: 1847

Ion Ratio Lower Upper

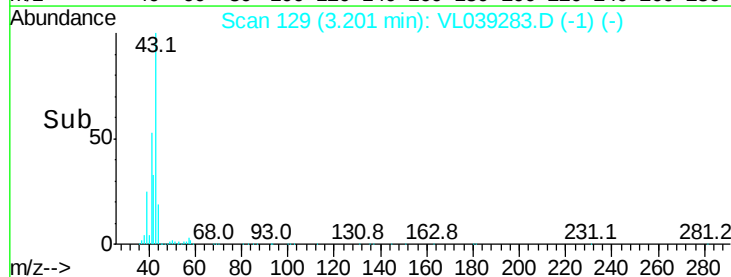
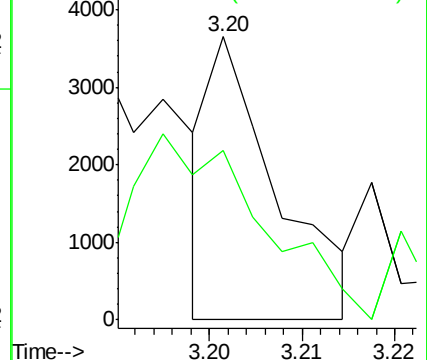
85 100

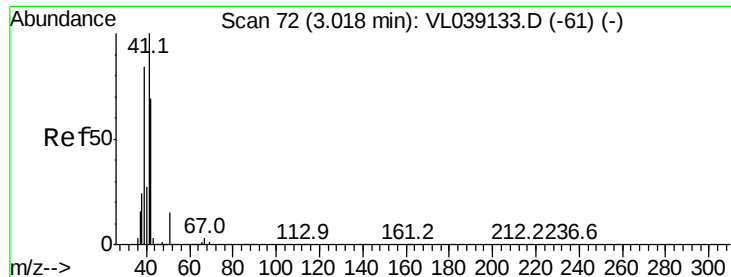
135 160.2 55.0 82.4#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 2.01 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: OTC-SG-2

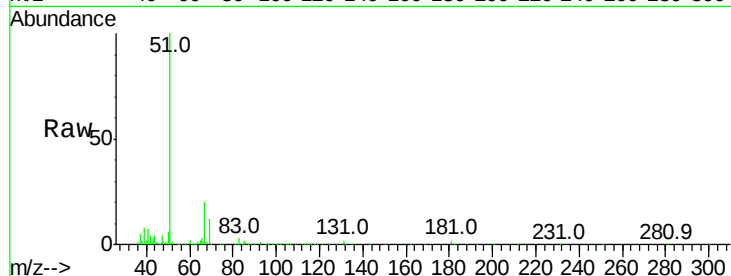
Acq: 14 Jun 2022 16:44

Tgt Ion: 41 Resp: 120897

Ion Ratio Lower Upper

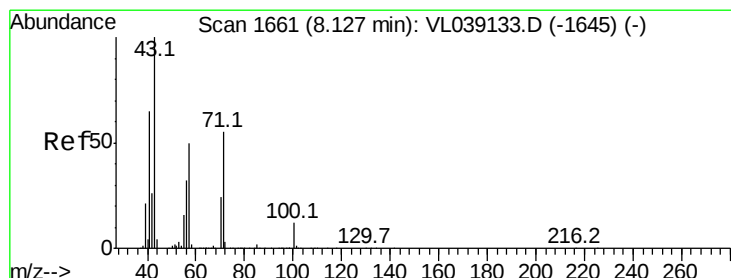
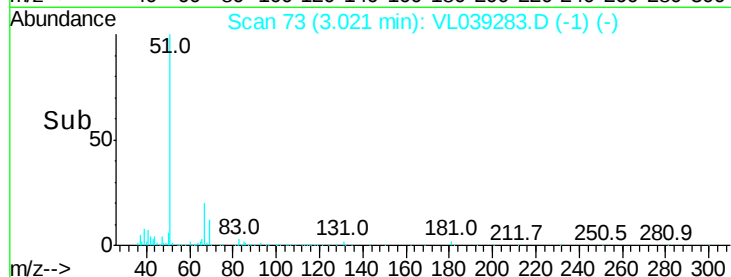
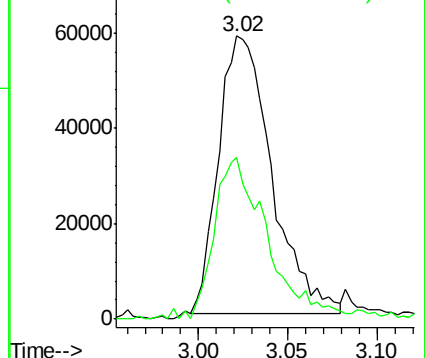
41 100

42 60.9 55.4 83.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.31 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL039283.D

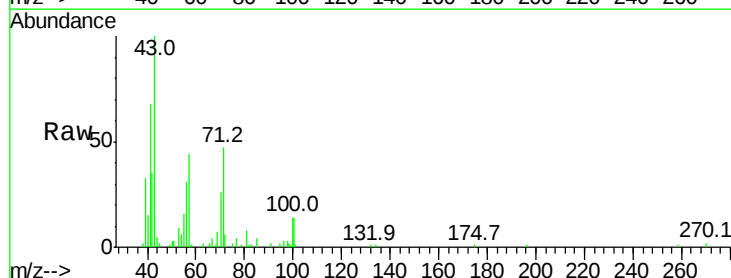
Acq: 14 Jun 2022 16:44

Tgt Ion: 43 Resp: 43657

Ion Ratio Lower Upper

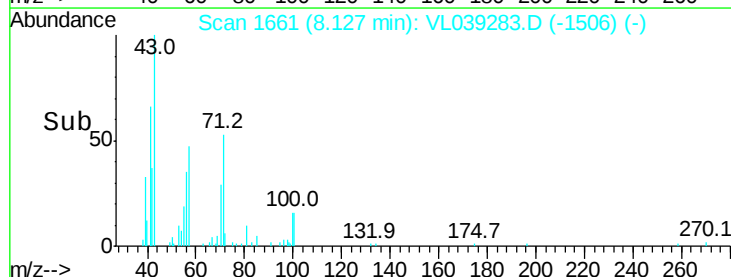
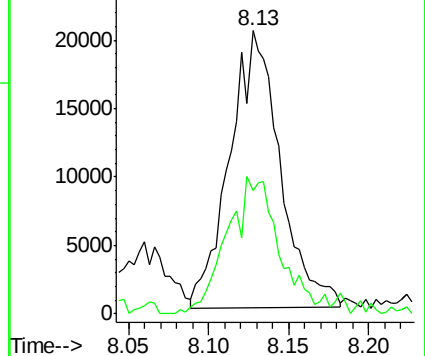
43 100

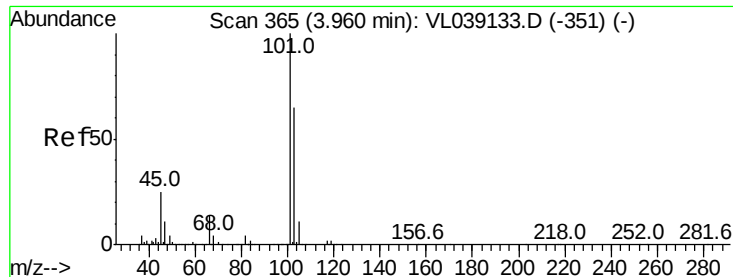
57 51.4 41.4 62.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

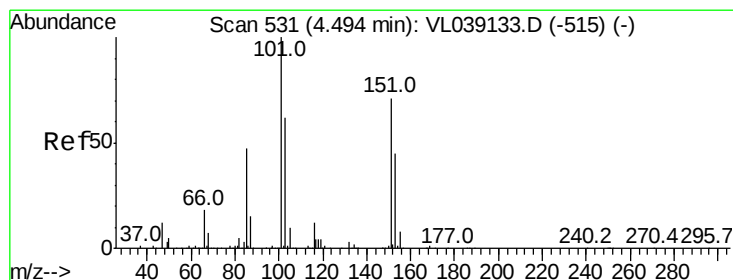
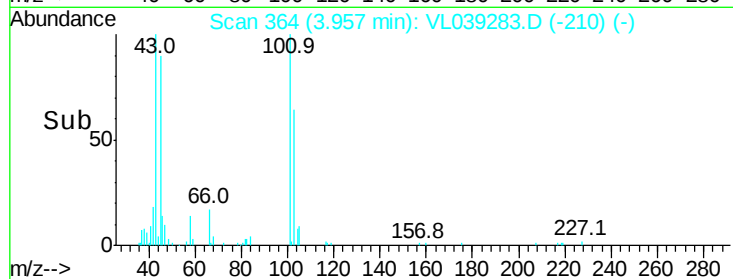
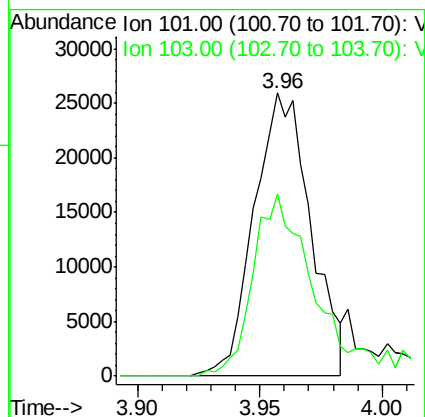
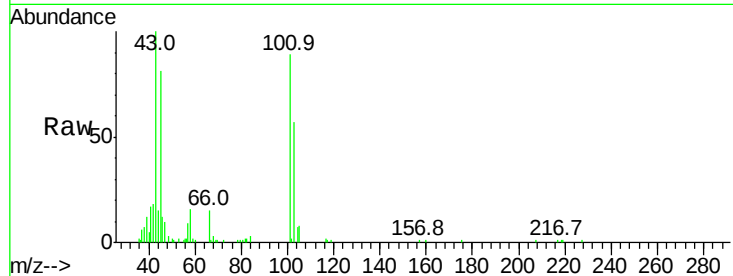
Ion 57.10 (56.80 to 57.80): VL0





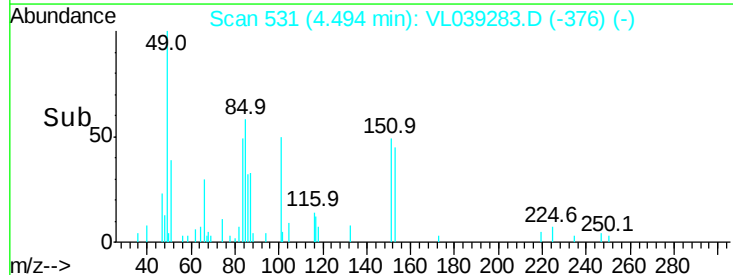
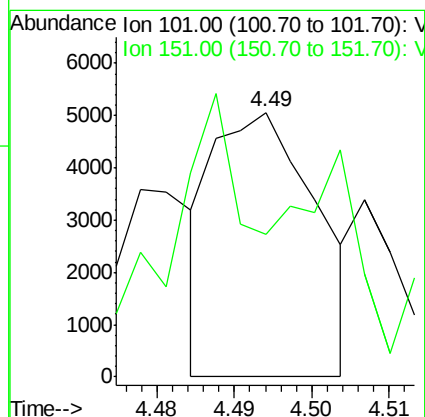
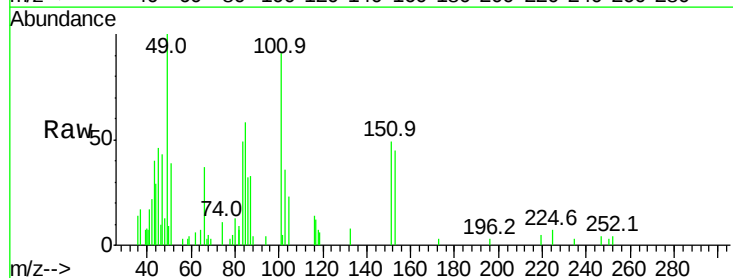
#11
 Trichlorofluoromethane
 Concen: 0.24 ppbv
 RT: 3.96
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 16:44

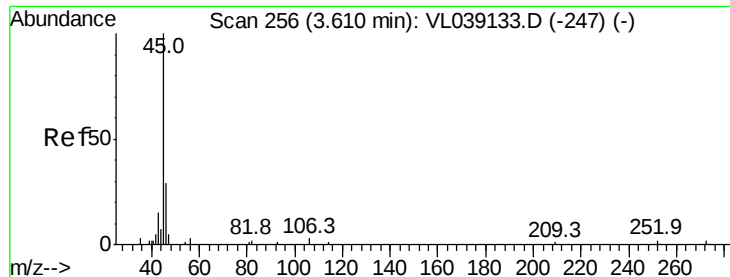
Tgt Ion:101 Resp: 41660
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.04 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

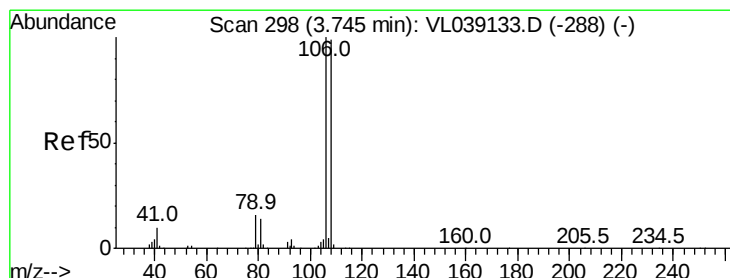
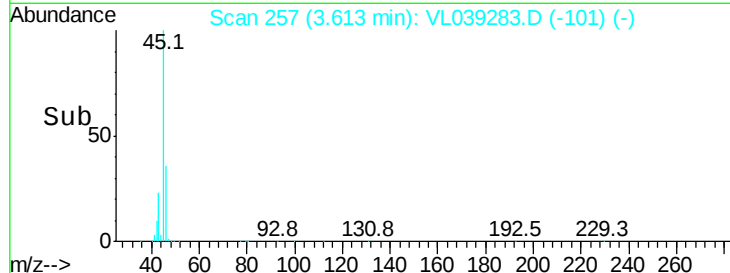
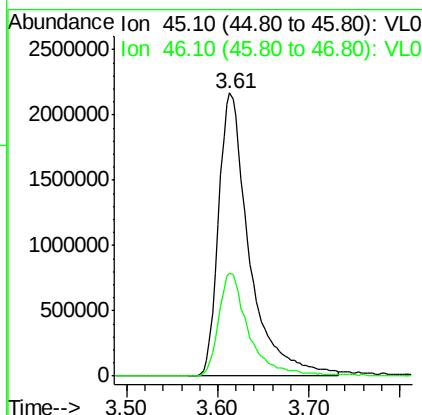
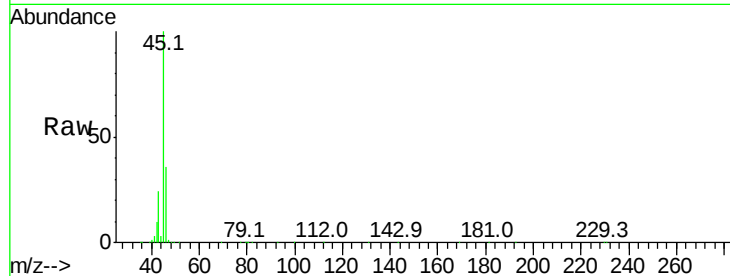
Tgt Ion:101 Resp: 4705
 Ion Ratio Lower Upper
 101 100
 151 177.9 59.4 89.0#





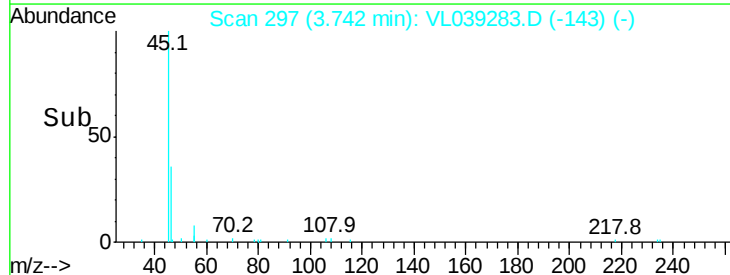
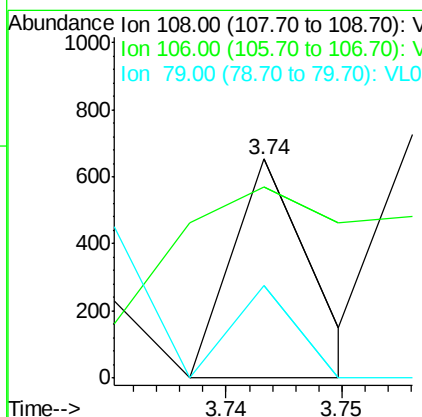
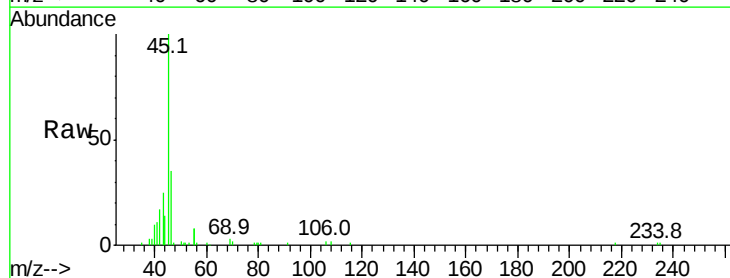
#13
 Ethanol
 Concen: 1558.45 ppbv
 RT: 3.61
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 16:44

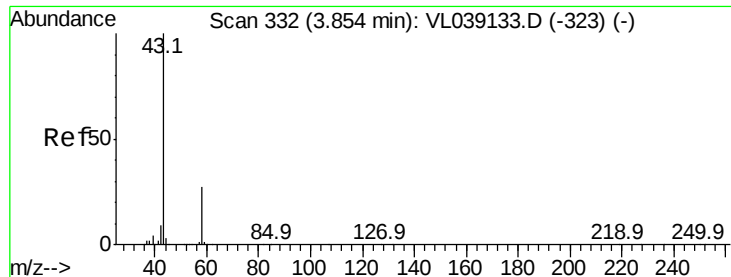
Tgt Ion: 45 Resp: 5106807
 Ion Ratio Lower Upper
 45 100
 46 36.4 0.0 0.0#



#14
 Bromoethene
 Concen: 0.00 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

Tgt Ion: 108 Resp: 155
 Ion Ratio Lower Upper
 108 100
 106 0.0 88.4 132.6#
 79 0.0 13.4 20.2#





#15

Acetone

Concen: 21.98 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

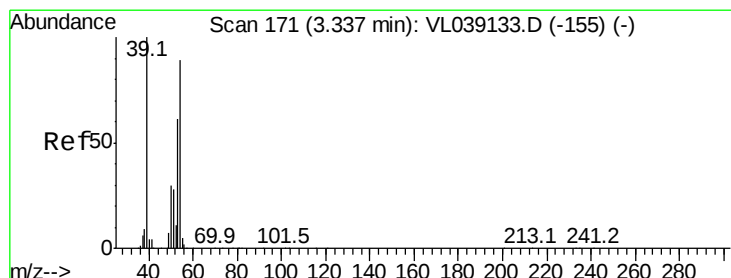
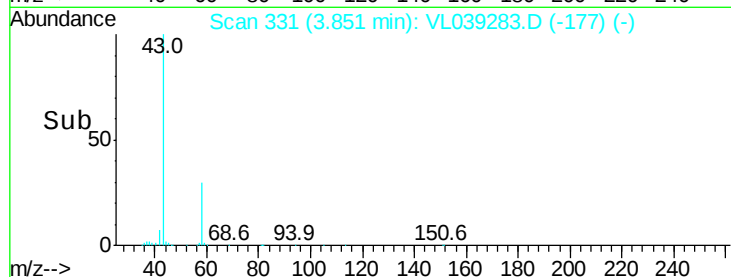
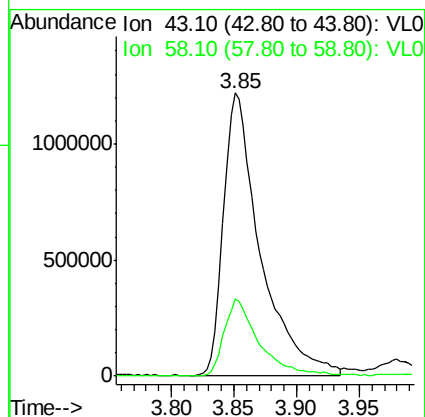
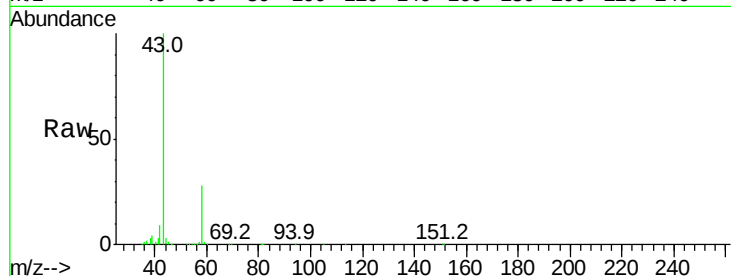
Acq: 14 Jun 2022 16:44

Tgt Ion: 43 Resp: 2479473

Ion Ratio Lower Upper

43 100

58 26.4 22.5 33.7



#16

1,3-Butadiene

Concen: 0.46 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.02 min

Lab File: VL039283.D

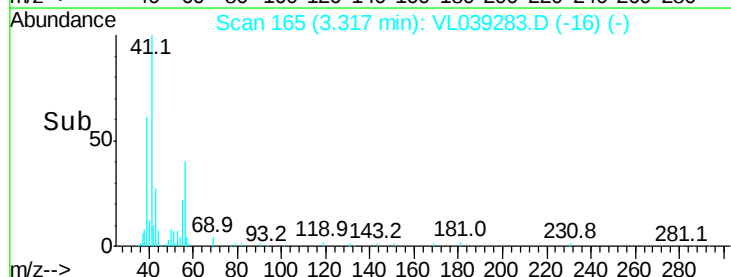
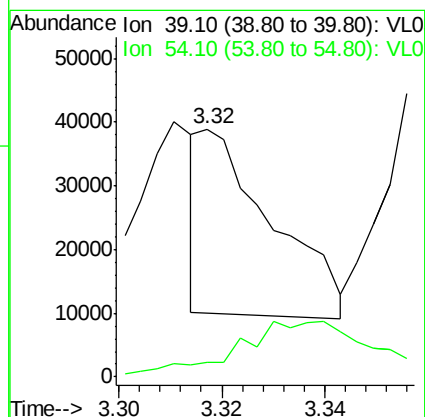
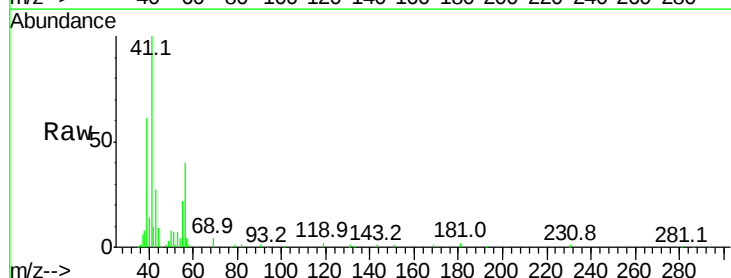
Acq: 14 Jun 2022 16:44

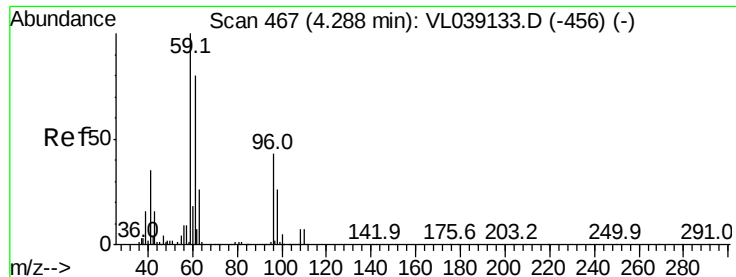
Tgt Ion: 39 Resp: 27914

Ion Ratio Lower Upper

39 100

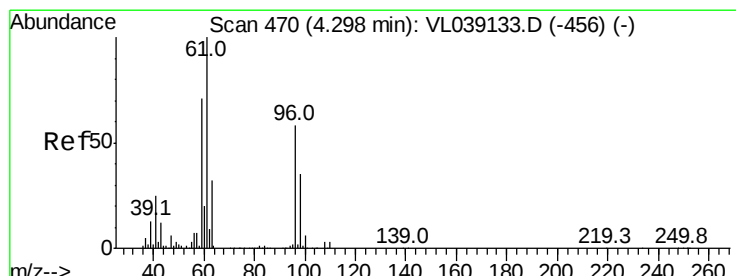
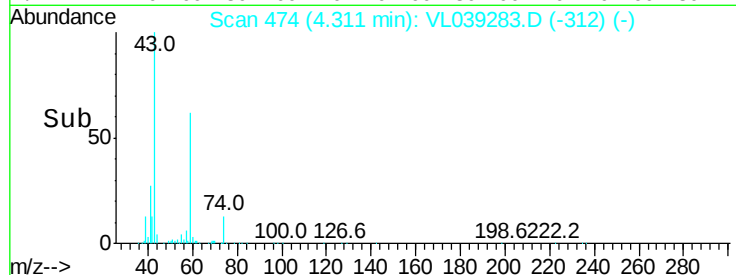
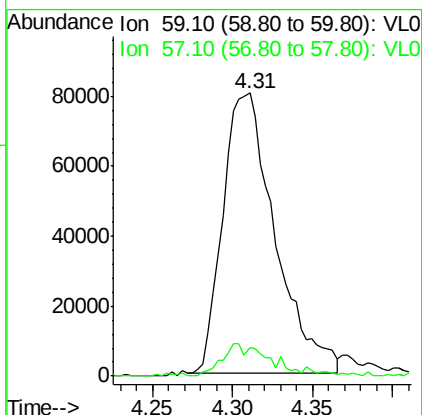
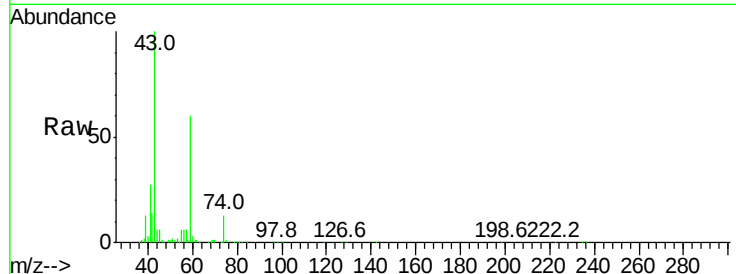
54 71.7 65.8 98.6





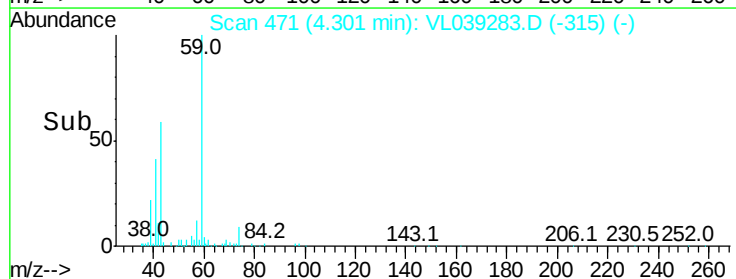
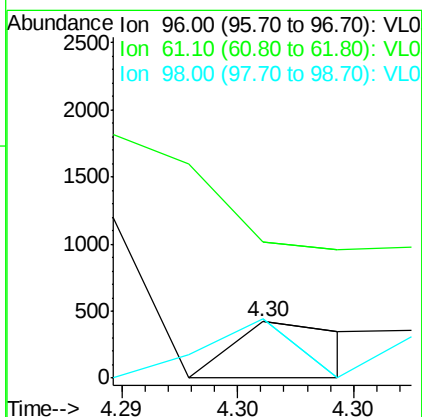
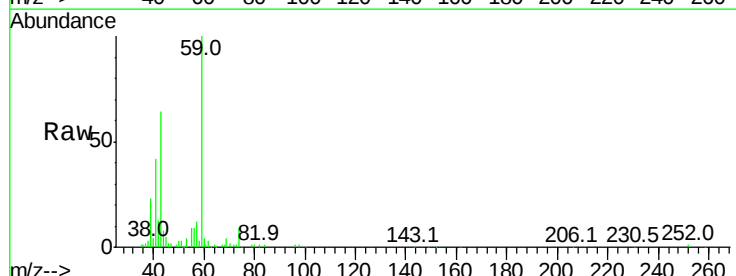
#17
tert-Butyl alcohol
Concen: 2.05 ppbv
RT: 4.31
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Jun 2022 16:44

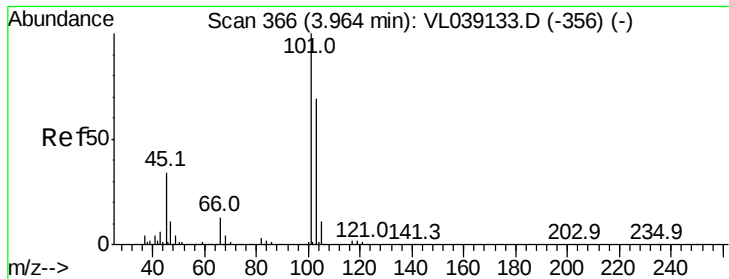
Tgt Ion: 59 Resp: 179269
Ion Ratio Lower Upper
59 100
57 11.3 9.1 13.7



#18
1,1-Dichloroethene
Concen: 0.00 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.00 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion: 96 Resp: 149
Ion Ratio Lower Upper
96 100
61 0.0 138.4 207.6#
98 104.0 47.8 71.8#





#19

Isopropyl Alcohol

Concen: 8.78 ppbv

RT: 3.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: OTC-SG-2

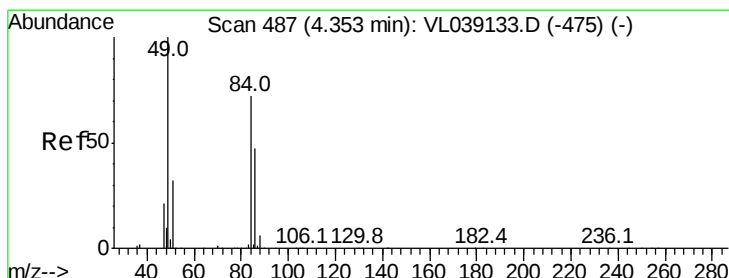
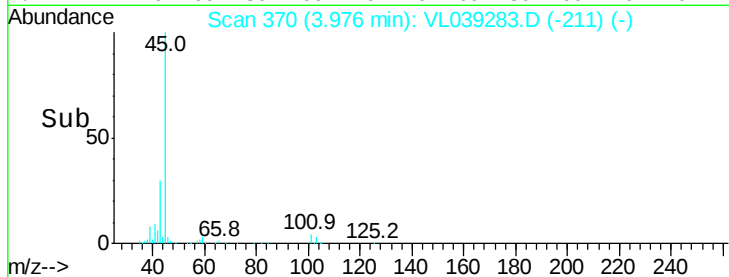
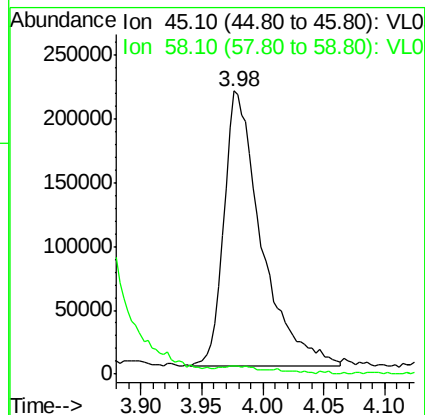
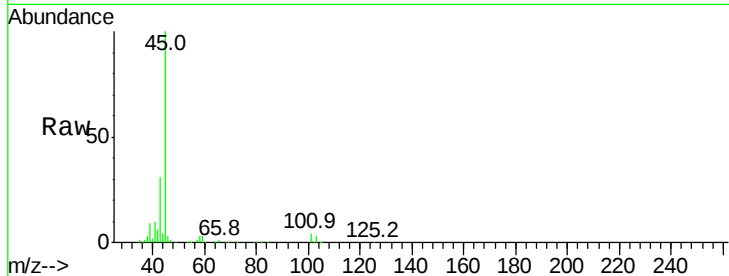
Acq: 14 Jun 2022 16:44

Tgt Ion: 45 Resp: 464356

Ion Ratio Lower Upper

45 100

58 140.8 1.8 2.8#



#20

Methylene Chloride

Concen: 27.07 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Tgt Ion: 84 Resp: 1286837

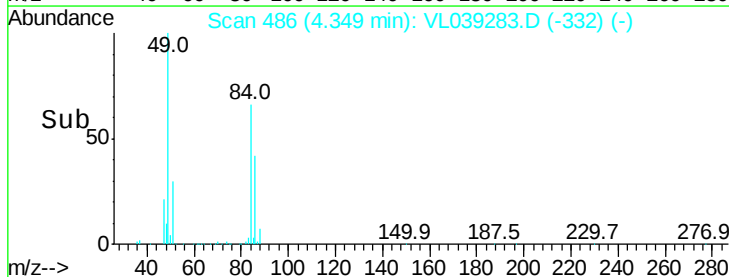
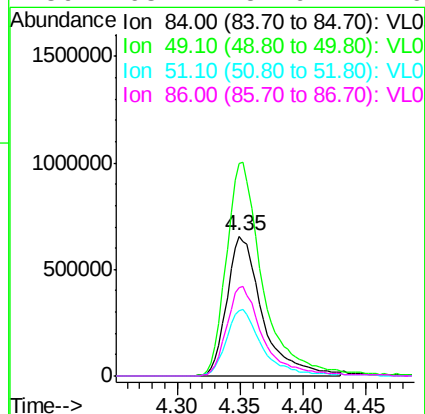
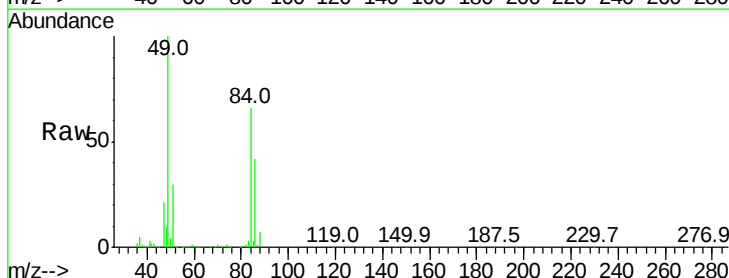
Ion Ratio Lower Upper

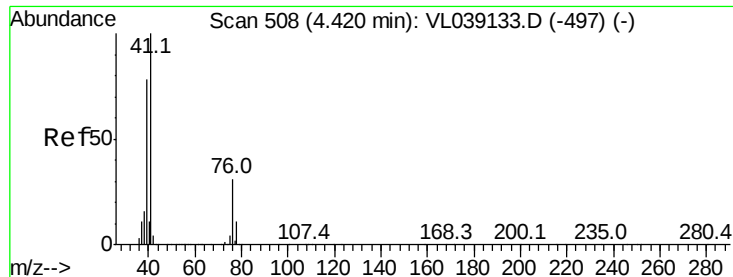
84 100

49 151.8 111.1 166.7

51 46.0 35.3 52.9

86 63.2 51.9 77.9





#21

Allyl Chloride

Concen: 0.13 ppbv

RT: 4.37 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44 OTC-SG-2

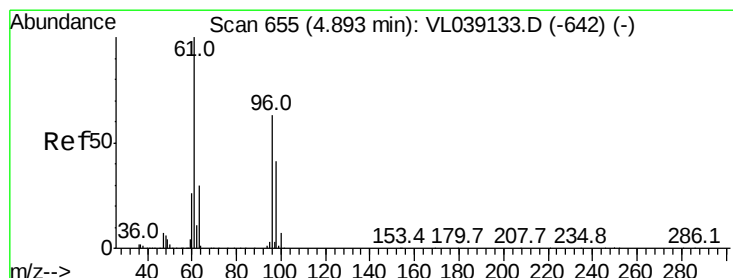
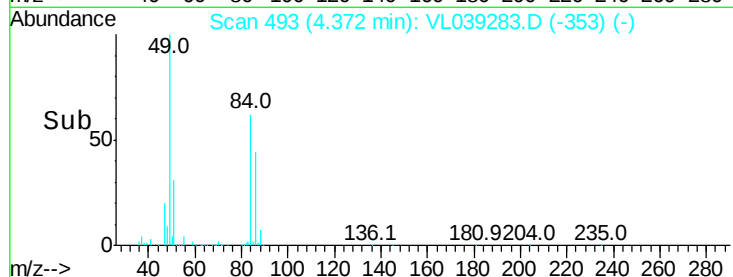
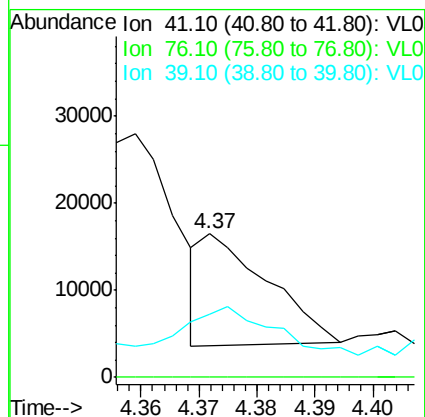
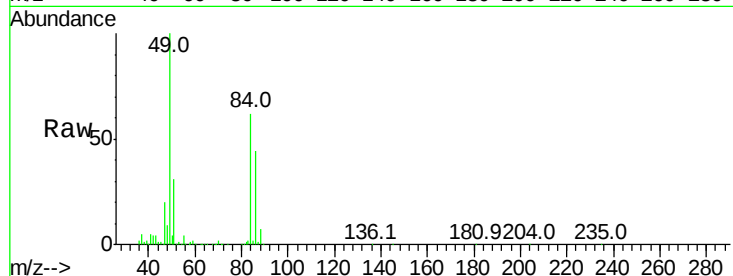
Tgt Ion: 41 Resp: 10085

Ion Ratio Lower Upper

41 100

76 2.9 24.2 36.2#

39 154.2 62.2 93.2#



#22

trans-1,2-Dichloroethene

Concen: 0.01 ppbv

RT: 4.89 min Scan# 655

Delta R.T. -0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

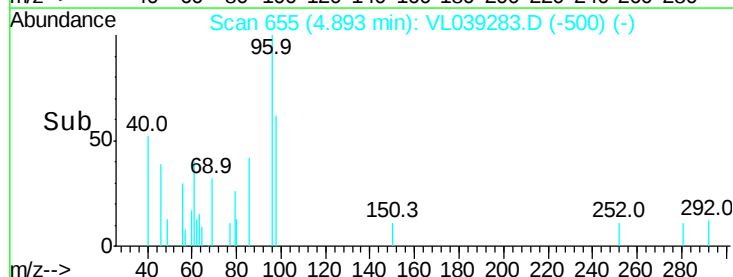
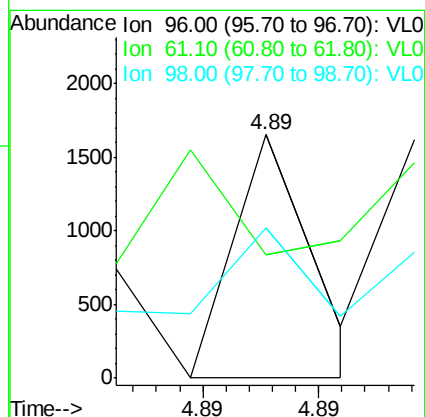
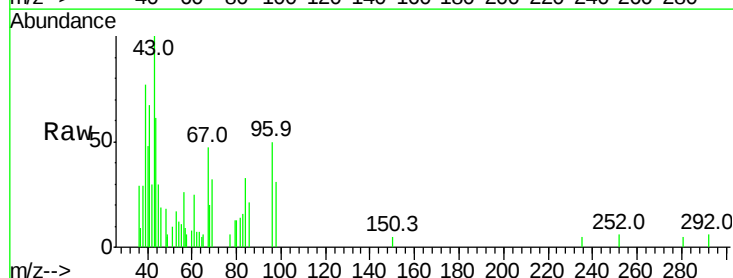
Tgt Ion: 96 Resp: 387

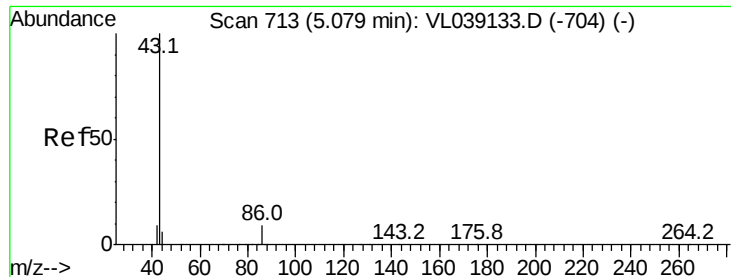
Ion Ratio Lower Upper

96 100

61 0.0 126.6 190.0#

98 36.4 52.5 78.7#





#23

Vinyl Acetate

Concen: 1.37 ppbv

RT: 5.07

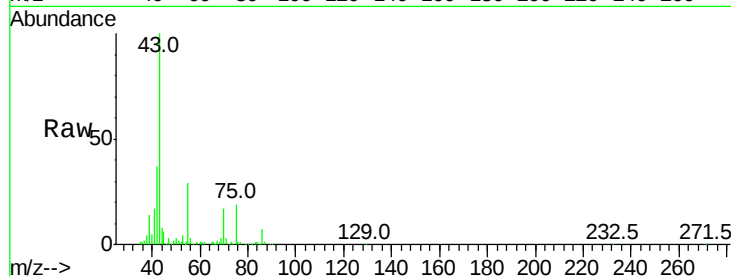
Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 14 Jun 2022 16:44

Tgt Ion: 43 Resp: 127905

Ion	Ratio	Lower	Upper
43	100		
86	6.8	6.0	9.0
42	36.7	8.2	12.4#
44	5.1	4.3	6.5

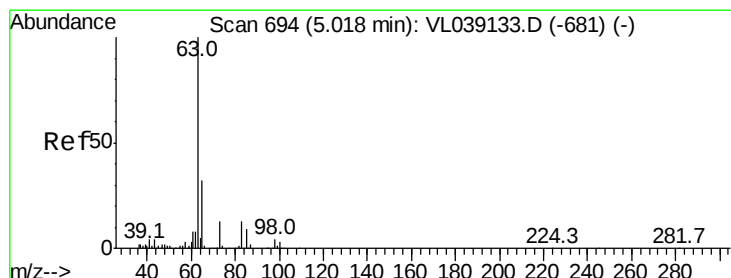
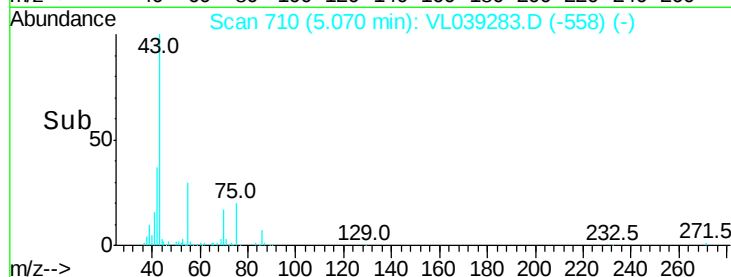
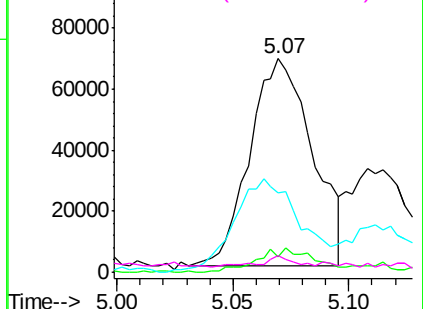


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.01 ppbv

RT: 5.02 min Scan# 694

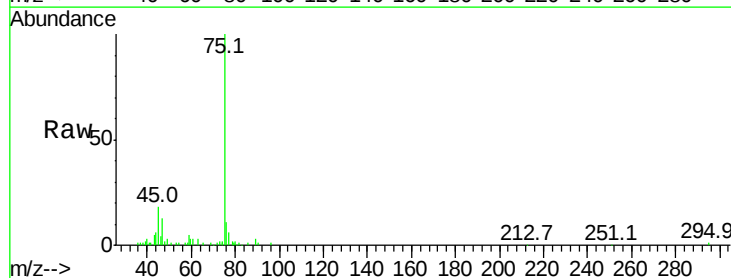
Delta R.T. -0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Tgt Ion: 63 Resp: 1321

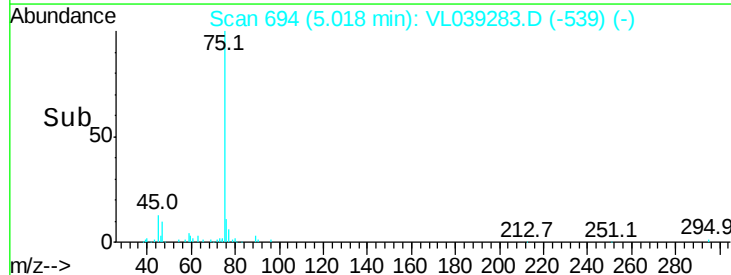
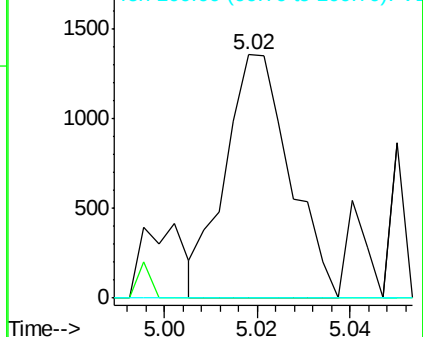
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.5	4.5#

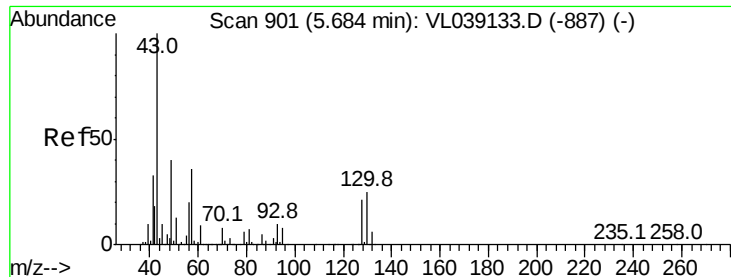


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

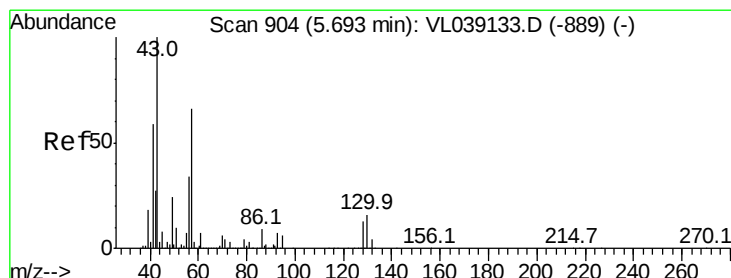
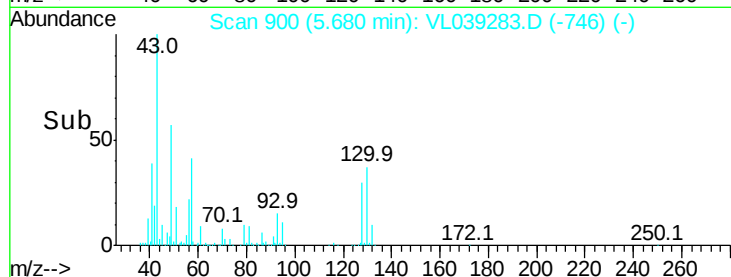
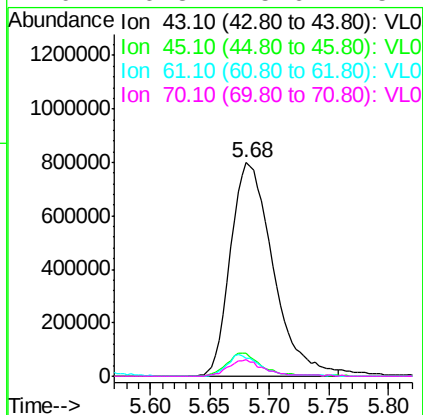
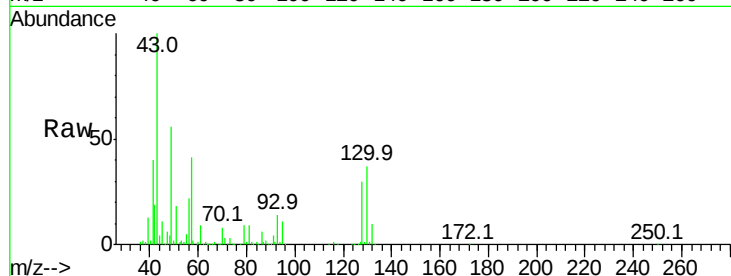
Ion 100.00 (99.70 to 100.70): VL0





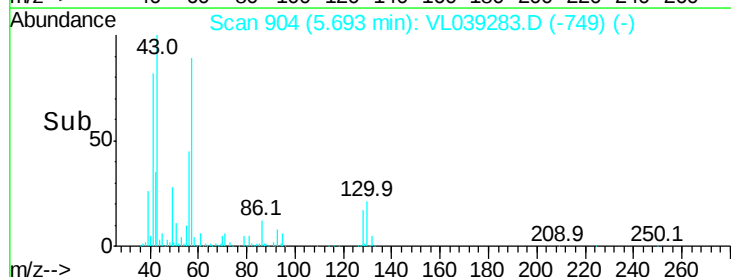
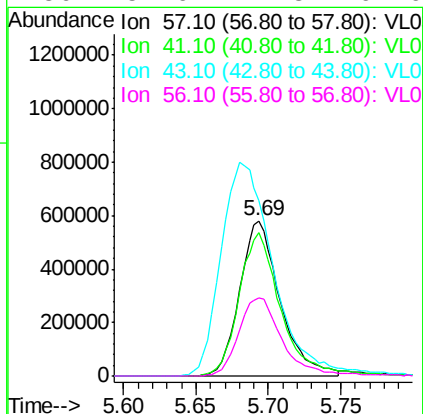
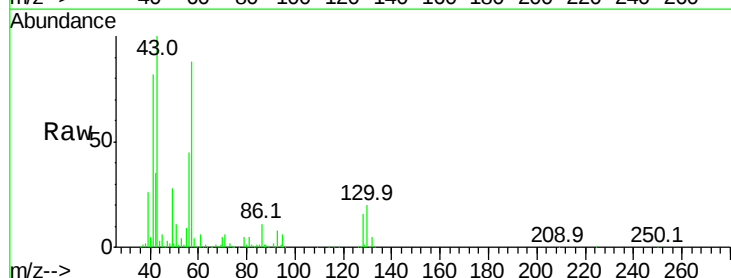
#25
Ethyl Acetate
Concen: 7.78 ppbv
RT: 5.68
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 14 Jun 2022 16:44

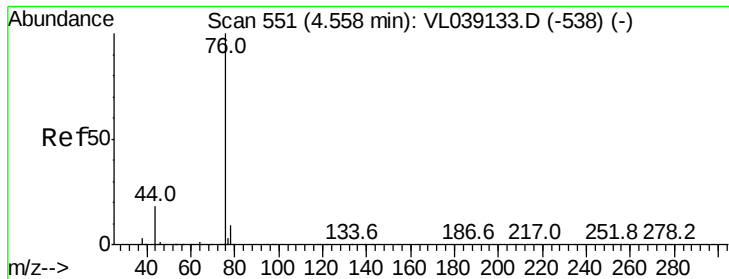
Tgt Ion:	43	Resp:	1978717
Ion	Ratio	Lower	Upper
43	100		
45	9.2	8.2	12.2
61	8.2	8.4	12.6#
70	6.8	5.6	8.4



#26
Hexane
Concen: 10.09 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion:	57	Resp:	1127199
Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.4	108.6
43	179.2	187.0	280.6#
56	54.6	41.8	62.6





#27

Carbon Disulfide

Concen: 0.04 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44

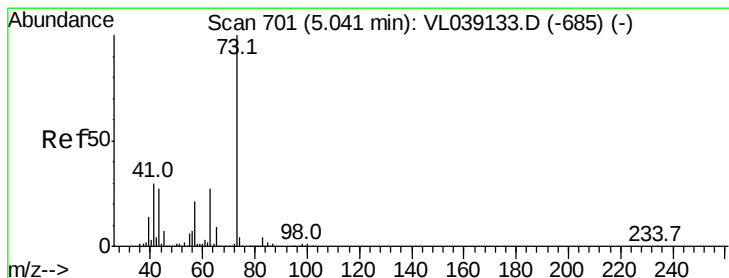
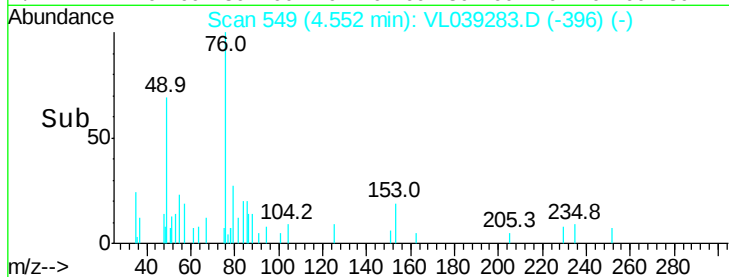
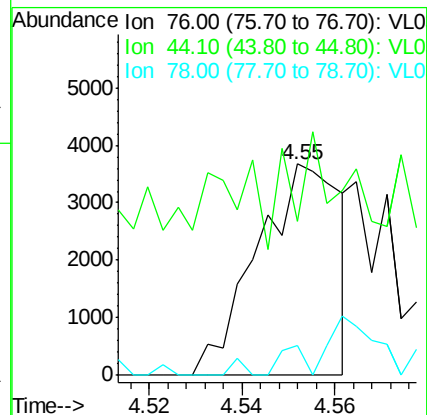
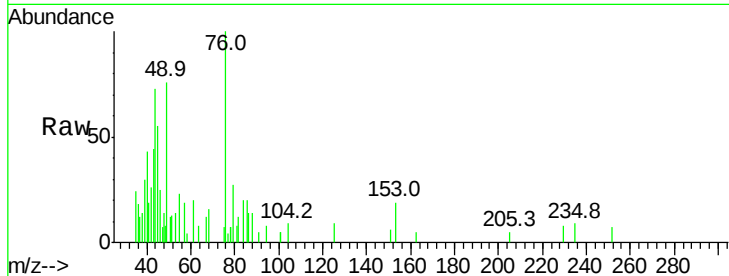
Tgt Ion: 76 Resp: 4539

Ion Ratio Lower Upper

76 100

44 142.0 14.4 21.6#

78 23.6 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.00 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.00 min

Lab File: VL039283.D

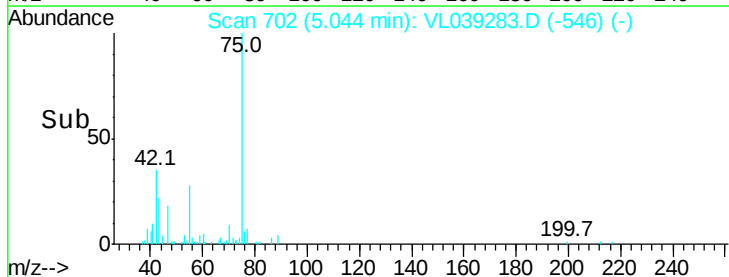
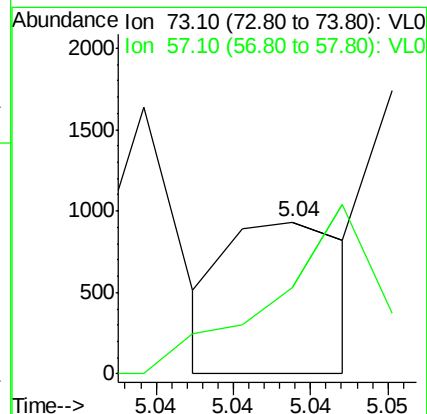
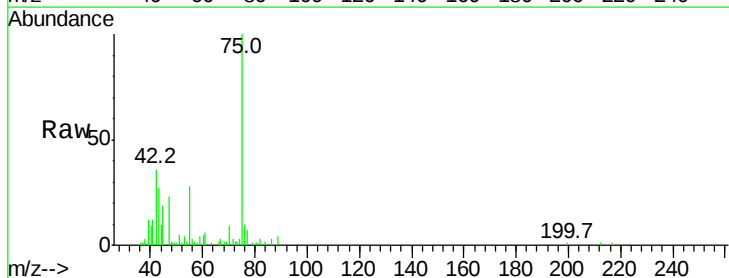
Acq: 14 Jun 2022 16:44

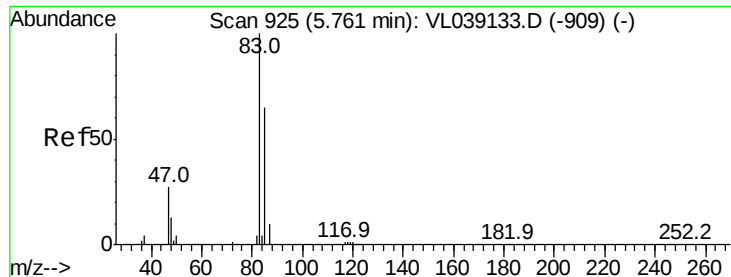
Tgt Ion: 73 Resp: 510

Ion Ratio Lower Upper

73 100

57 0.0 18.6 27.8#





#29

Chloroform

Concen: 0.98 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

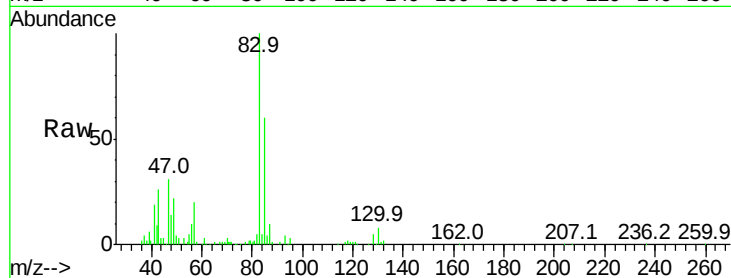
Acq: 14 Jun 2022 16:44

Tgt Ion: 83 Resp: 184860

Ion Ratio Lower Upper

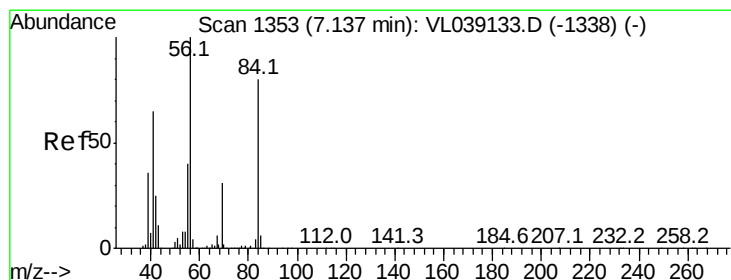
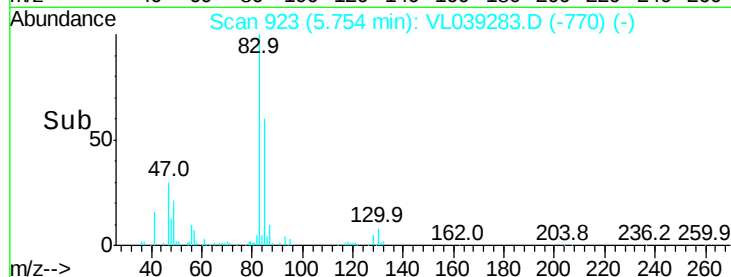
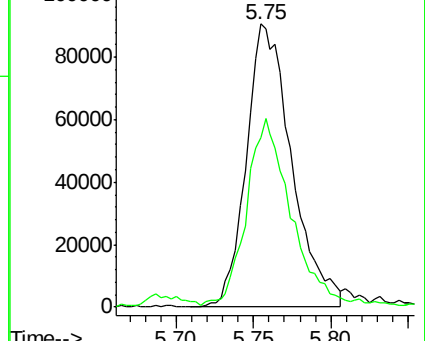
83 100

85 57.7 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.04 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

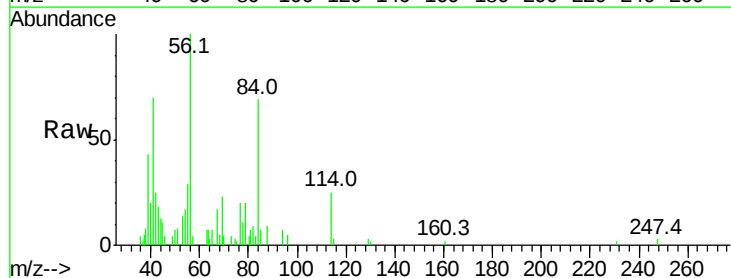
Tgt Ion: 84 Resp: 3465

Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

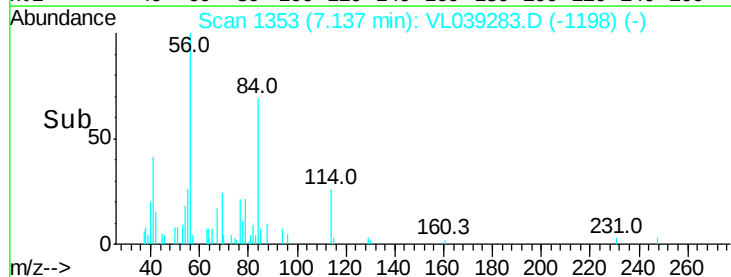
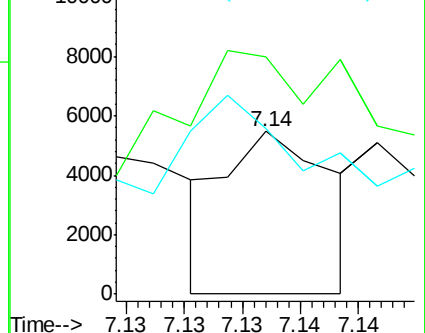
41 356.0 68.9 103.3#

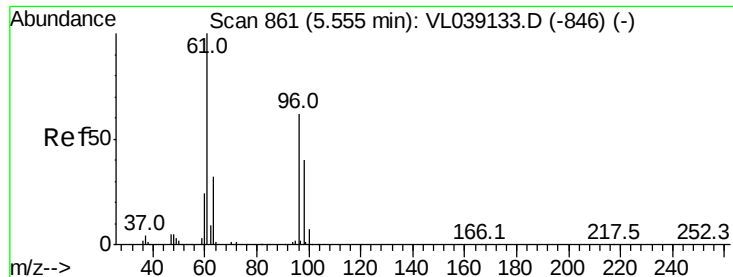


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 0.27 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44 OTC-SG-2

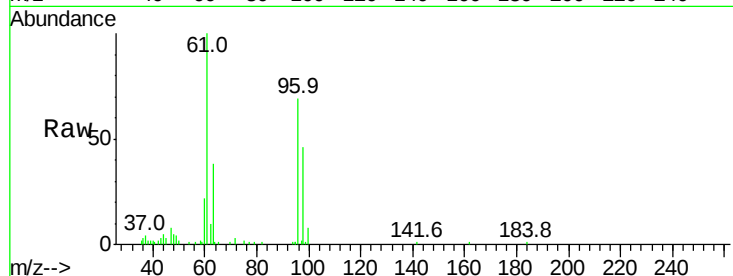
Tgt Ion: 61 Resp: 30802

Ion Ratio Lower Upper

61 100

96 69.2 49.9 74.9

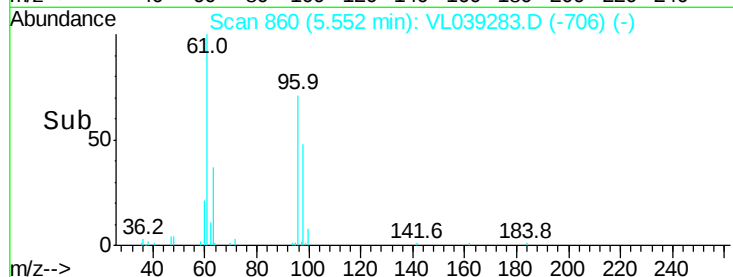
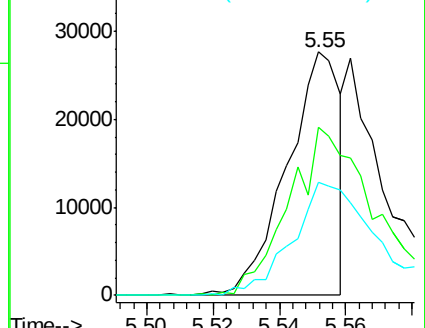
98 46.4 32.0 48.0



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 0.01 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

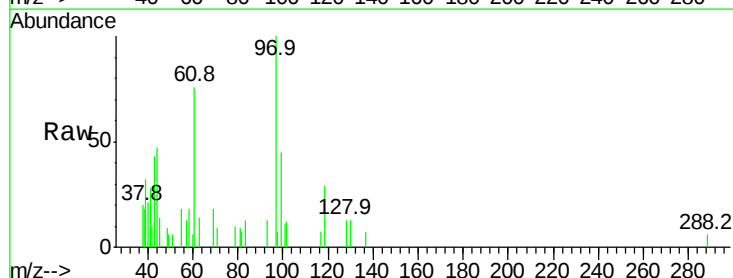
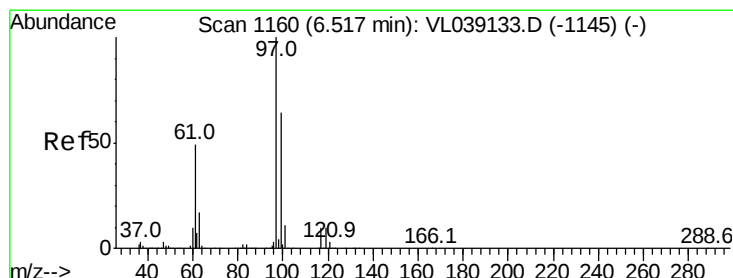
Tgt Ion: 97 Resp: 1342

Ion Ratio Lower Upper

97 100

99 318.2 52.1 78.1#

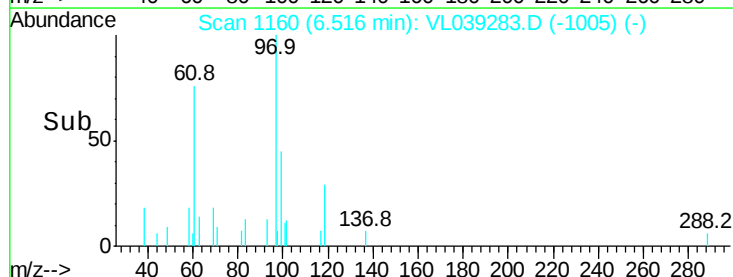
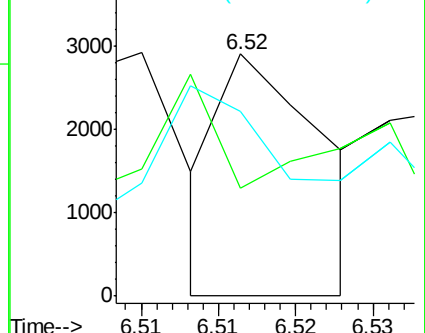
61 318.5 40.0 60.0#

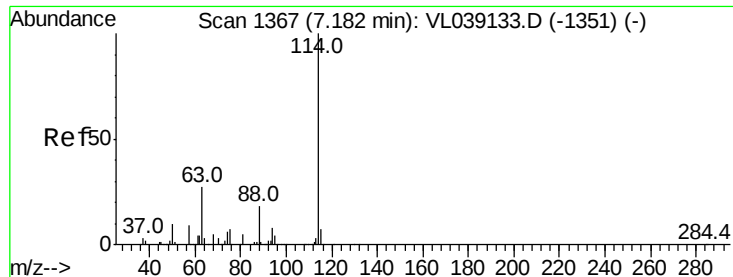


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

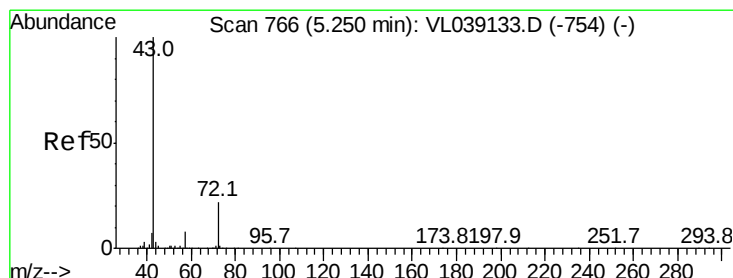
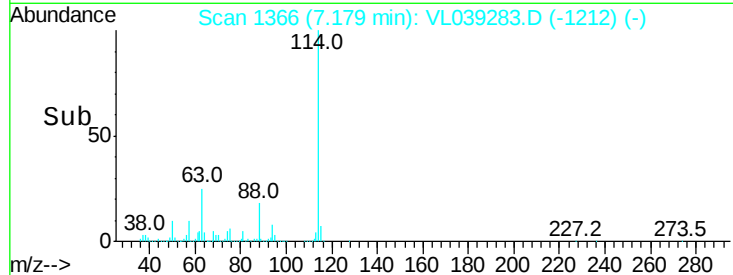
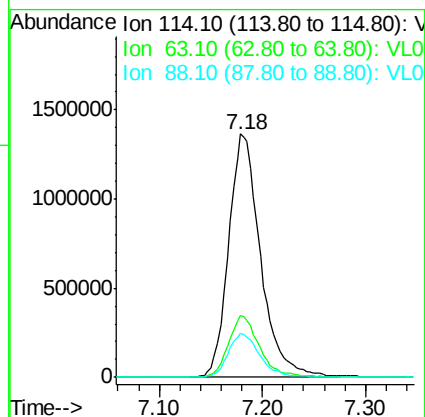
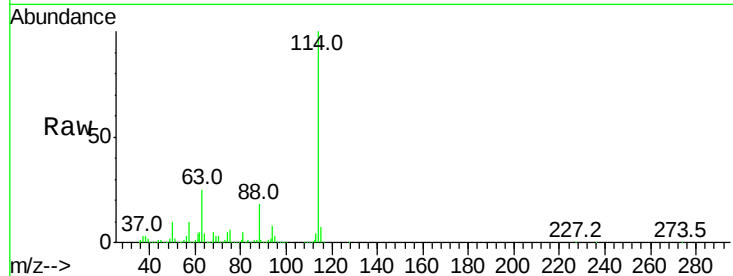
Ion 61.10 (60.80 to 61.80): VL0





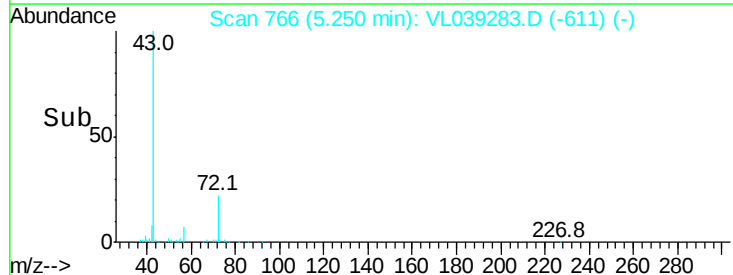
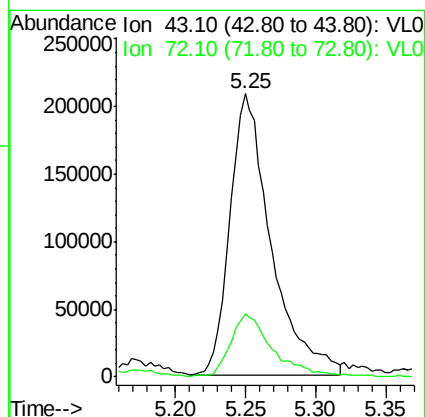
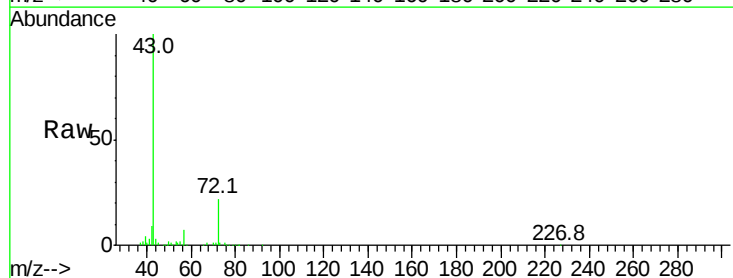
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 16:44

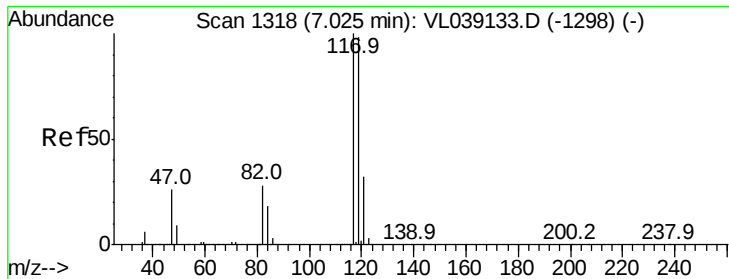
Tgt Ion: 114 Resp: 2945093
 Ion Ratio Lower Upper
 114 100
 63 24.8 21.7 32.5
 88 18.0 14.8 22.2



#34
 2-Butanone
 Concen: 2.65 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

Tgt Ion: 43 Resp: 423374
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.03 ppbv

RT: 7.03 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: OTC-SG-2

Acq: 14 Jun 2022 16:44

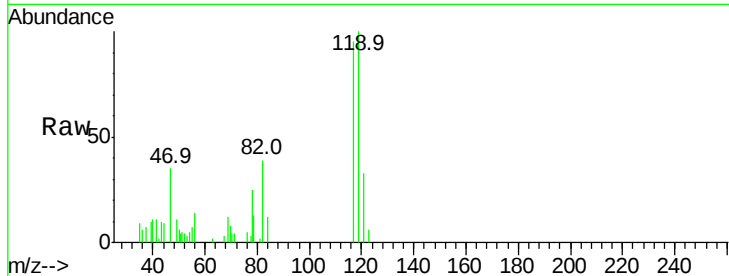
Tgt Ion: 117 Resp: 6386

Ion Ratio Lower Upper

117 100

119 94.4 78.6 118.0

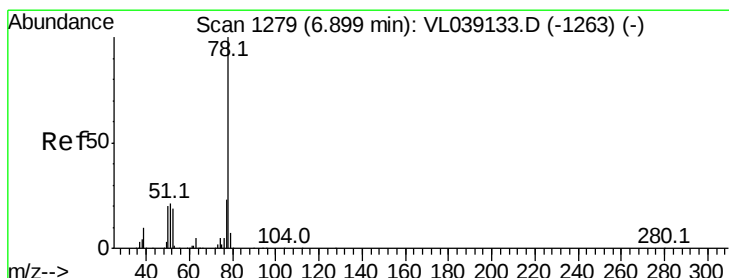
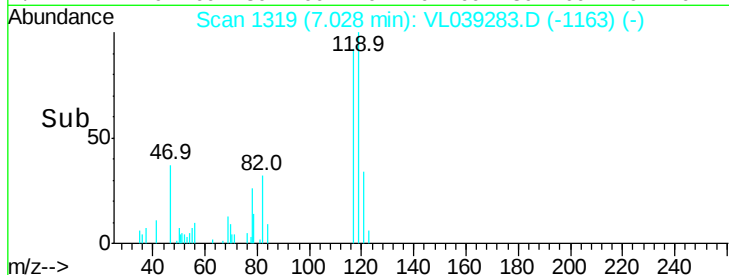
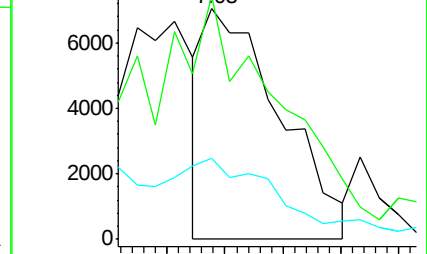
121 32.4 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 5.02 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

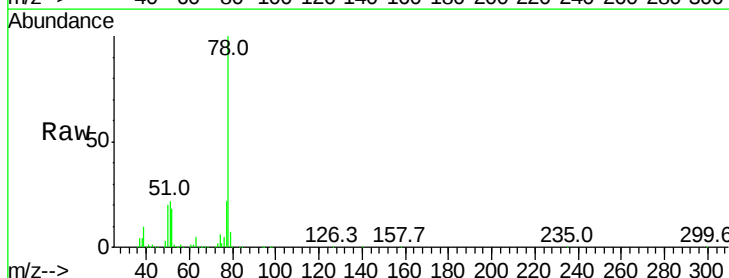
Tgt Ion: 78 Resp: 1201073

Ion Ratio Lower Upper

78 100

77 22.1 18.6 27.8

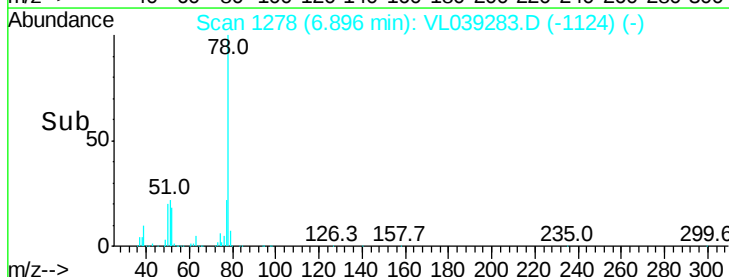
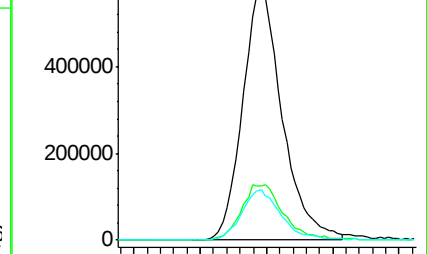
50 20.3 15.8 23.8

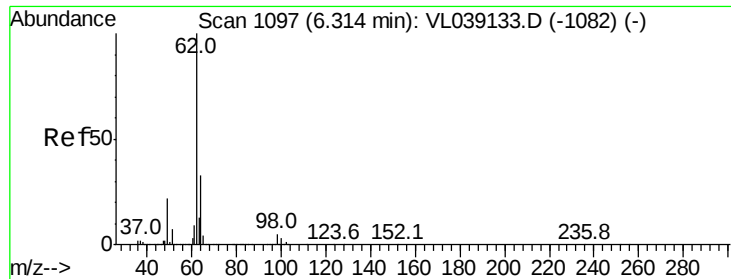


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

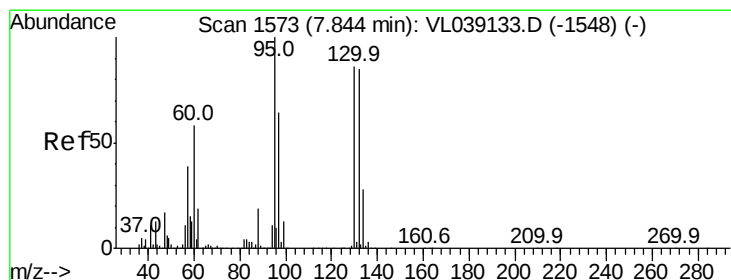
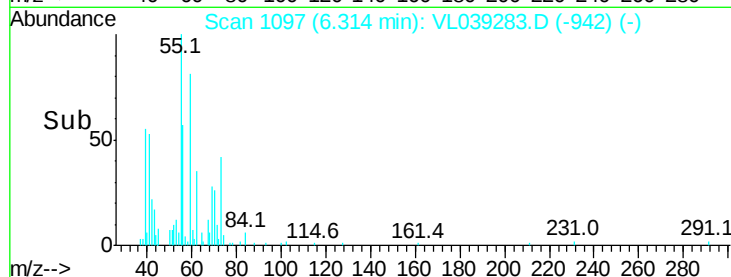
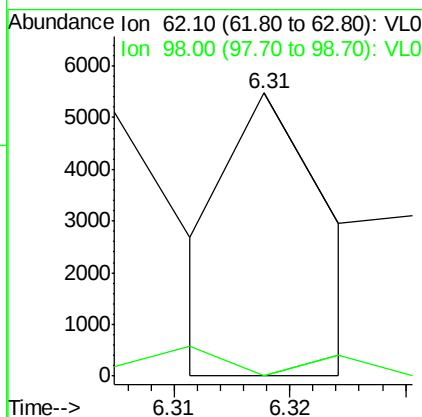
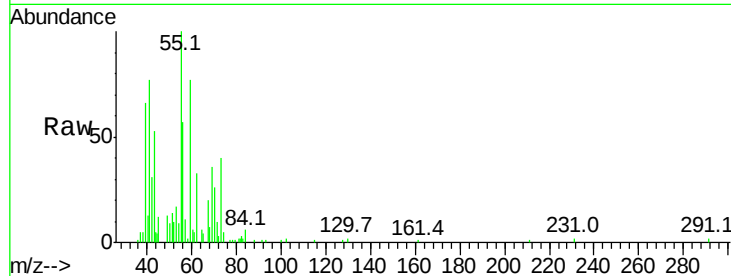
Ion 50.10 (49.80 to 50.80): VL0





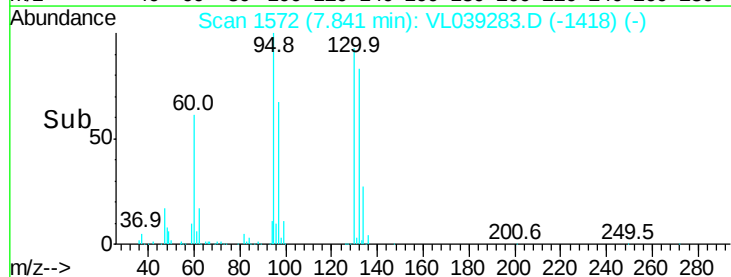
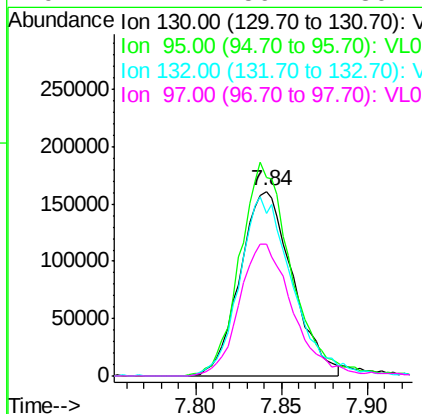
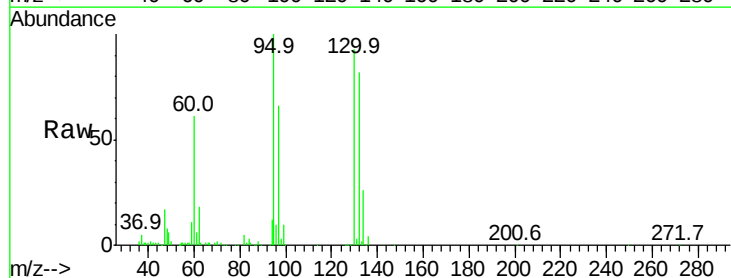
#37
 1,2-Dichloroethane
 Concen: 0.01 ppbv
 RT: 6.31
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId:
 OTC-SG-2
 Acq: 14 Jun 2022 16:44

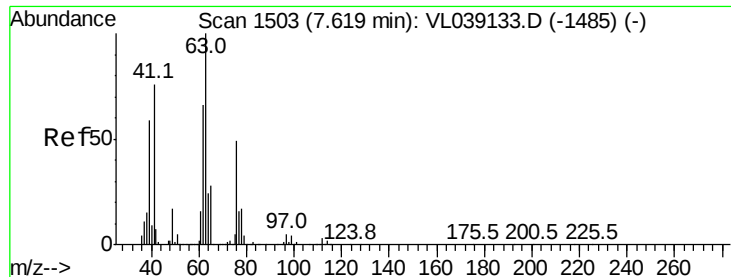
Tgt Ion: 62 Resp: 1627
 Ion Ratio Lower Upper
 62 100
 98 20.4 4.3 6.5#



#38
 Trichloroethene
 Concen: 3.10 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

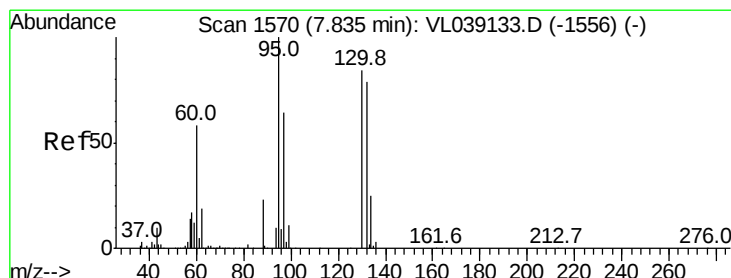
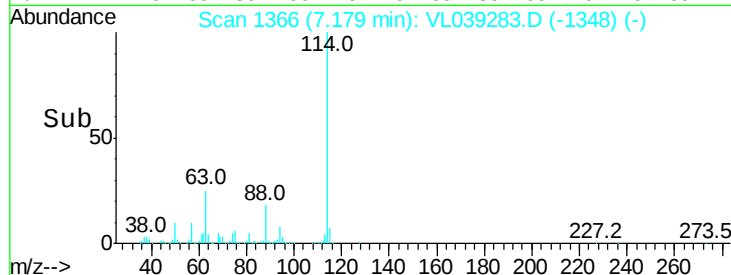
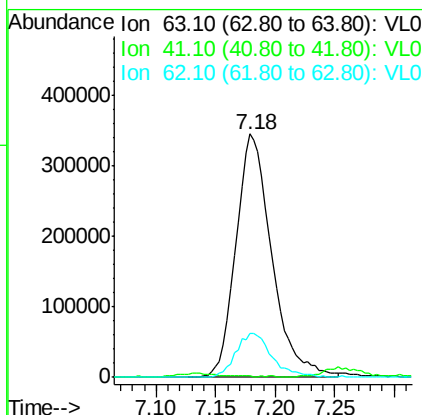
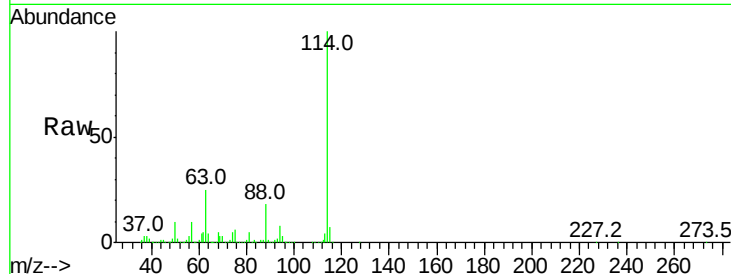
Tgt Ion: 130 Resp: 340943
 Ion Ratio Lower Upper
 130 100
 95 106.9 93.3 139.9
 132 88.3 79.0 118.4
 97 71.1 59.4 89.2





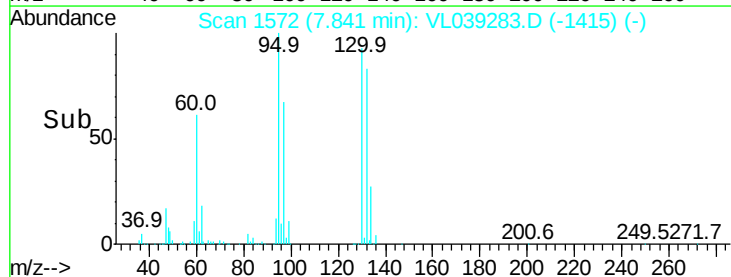
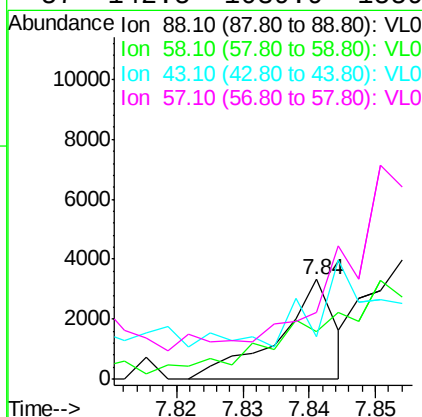
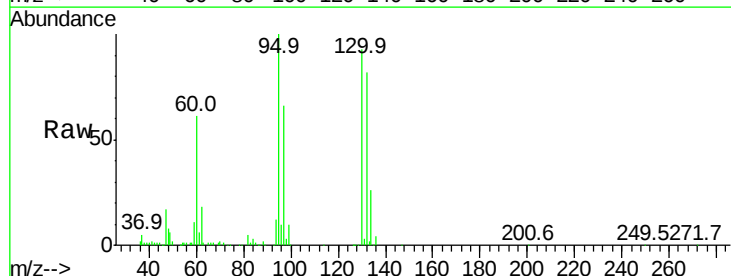
#39
 1,2-Dichloropropane
 Concen: 7.59 ppbv
 RT: 7.18
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 16:44

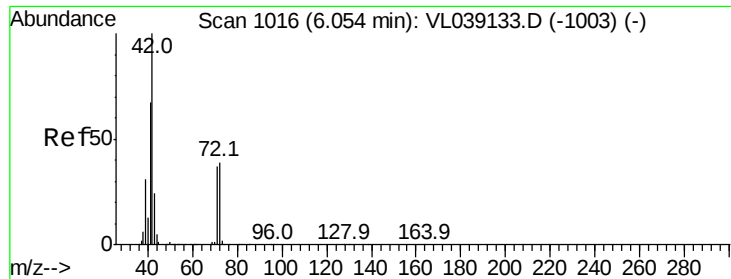
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.9	52.9	79.3#



#40
 1,4-Dioxane
 Concen: 0.06 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	111.2	166.8#
43	0.0	234.2	351.4#
57	142.5	1039.9	1559.9#





#41

Tetrahydrofuran

Concen: 0.13 ppbv

RT: 6.02

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44

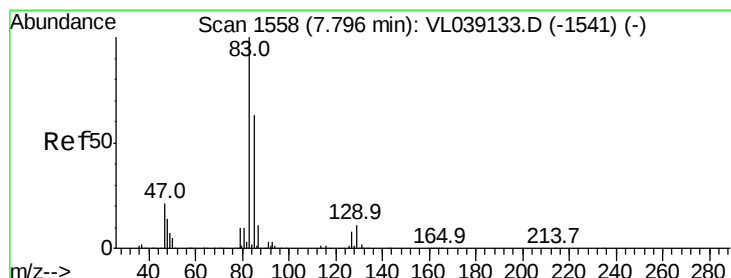
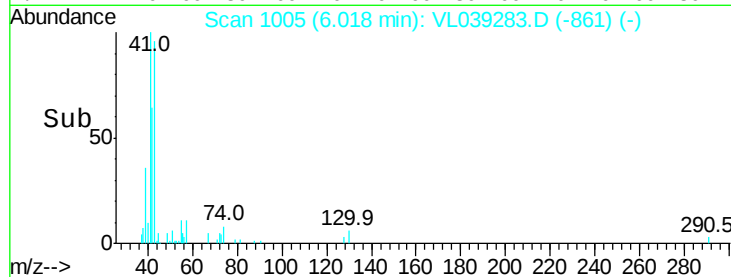
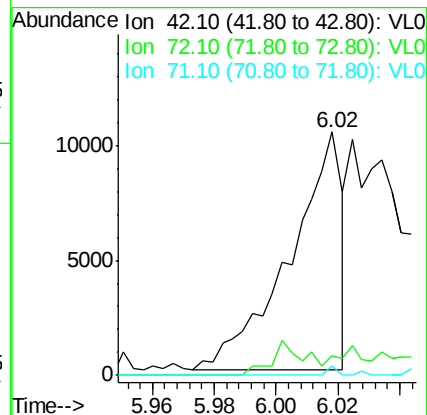
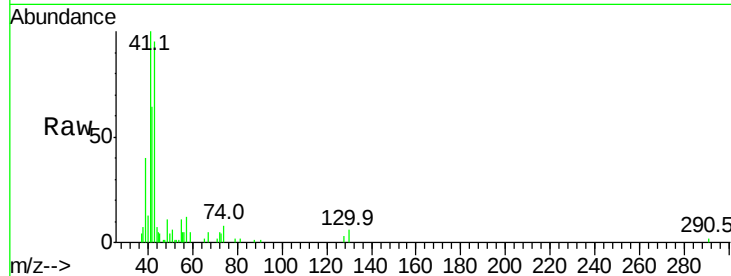
Tgt Ion: 42 Resp: 12154

Ion Ratio Lower Upper

42 100

72 96.1 32.0 48.0#

71 61.9 31.1 46.7#



#42

Bromodichloromethane

Concen: 0.02 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

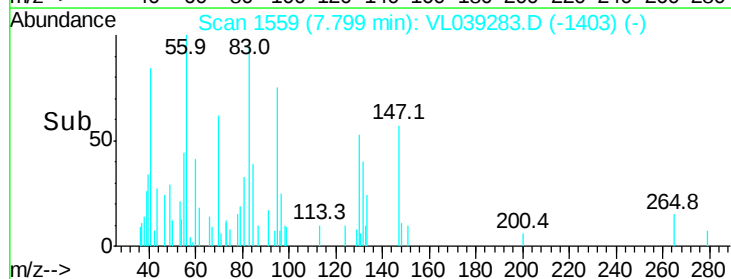
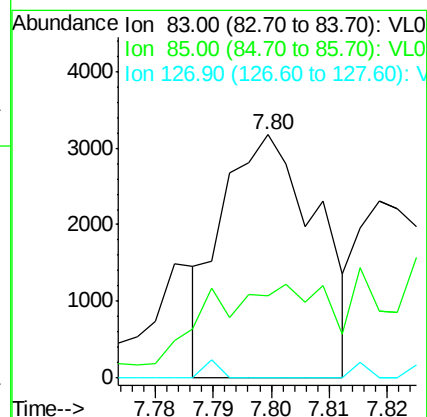
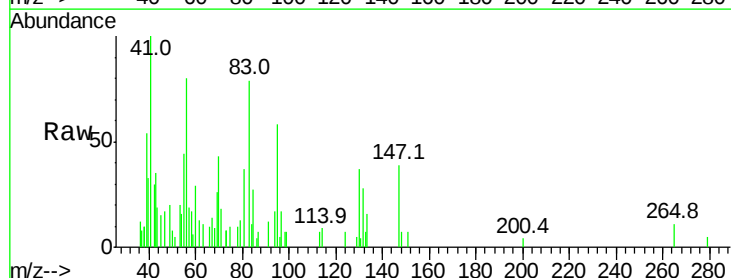
Tgt Ion: 83 Resp: 3593

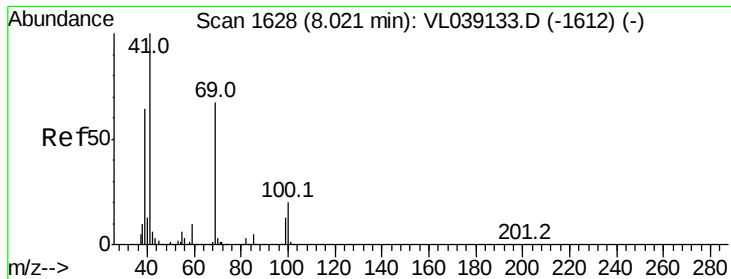
Ion Ratio Lower Upper

83 100

85 27.2 50.2 75.4#

127 0.0 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.03 ppbv

RT: 8.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44 OTC-SG-2

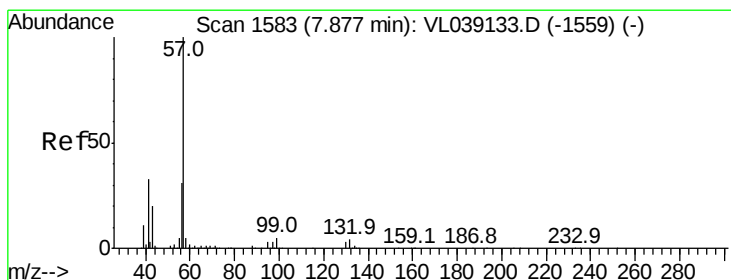
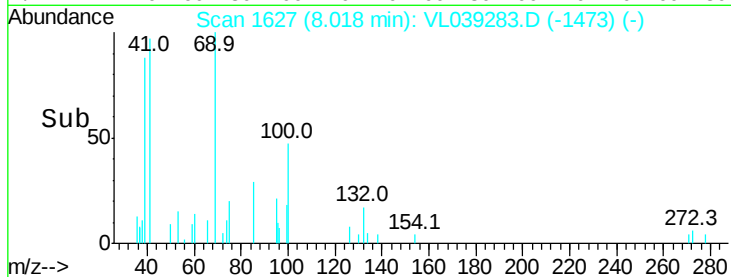
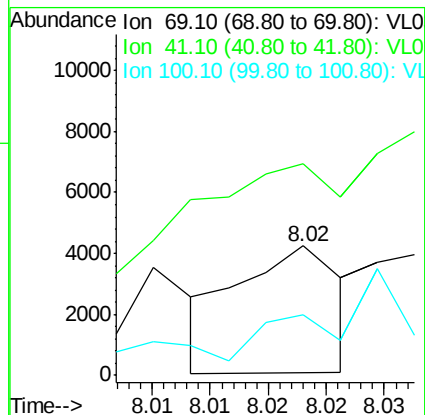
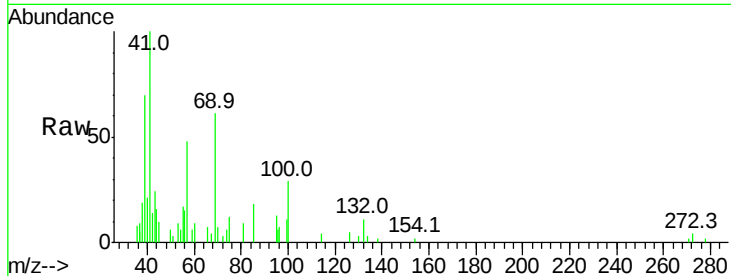
Tgt Ion: 69 Resp: 2578

Ion Ratio Lower Upper

69 100

41 0.0 121.9 182.9#

100 0.0 24.1 36.1#



#44

2,2,4-Trimethylpentane

Concen: 0.08 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

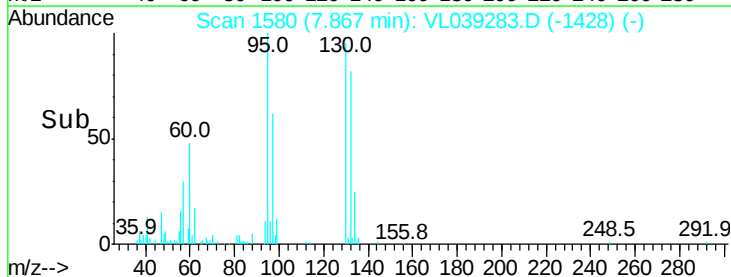
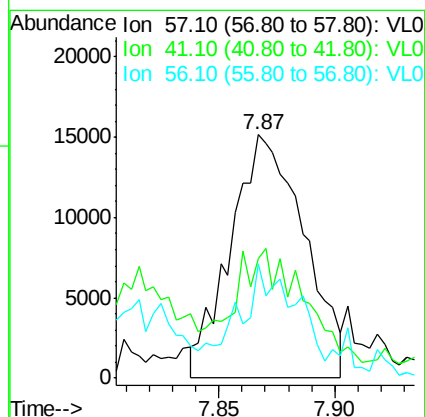
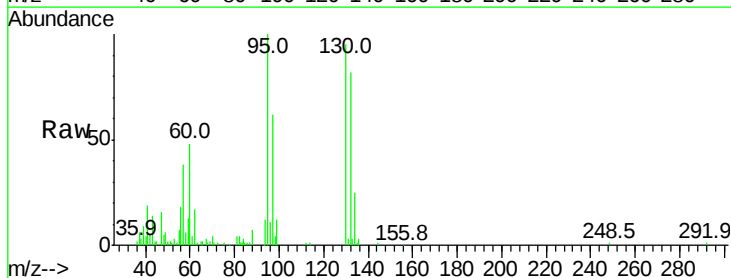
Tgt Ion: 57 Resp: 33386

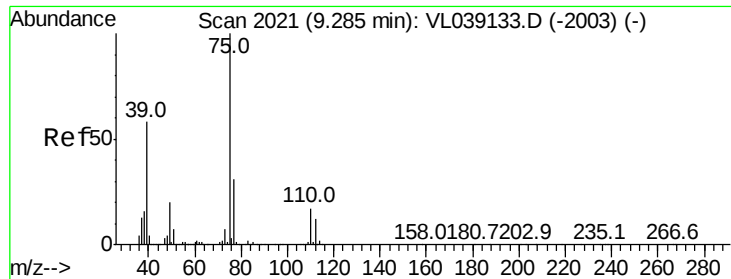
Ion Ratio Lower Upper

57 100

41 50.5 26.2 39.4#

56 45.8 24.7 37.1#





#45

t-1,3-Dichloropropene

Concen: 0.00 ppbv

RT: 9.28 Instrument: MSVOA_1

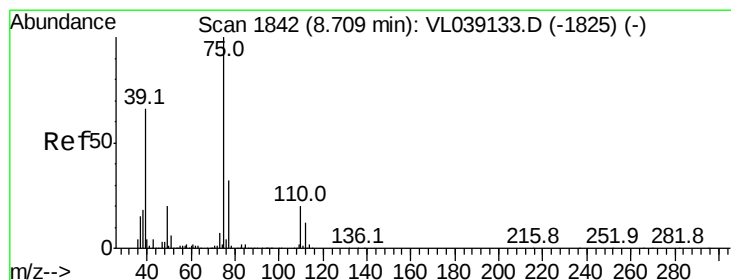
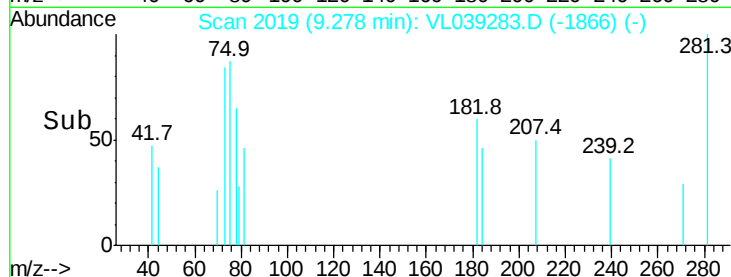
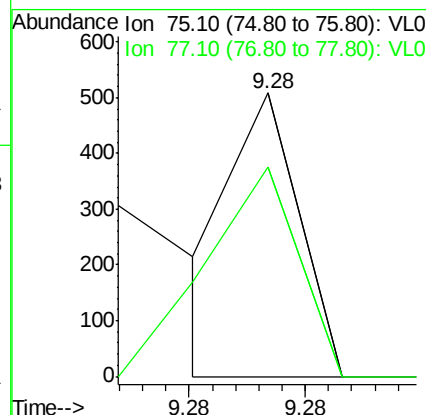
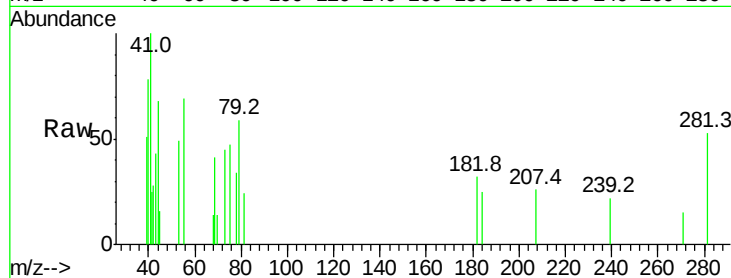
Delta R.T. ClientSampleId:

Lab File: OTC-SG-2

Acq: 14 Jun 2022 16:44

Tgt Ion: 75 Resp: 98

Ion	Ratio	Lower	Upper
75	100		
77	74.0	24.4	36.6#



#46

cis-1,3-Dichloropropene

Concen: 0.00 ppbv

RT: 8.71 min Scan# 1841

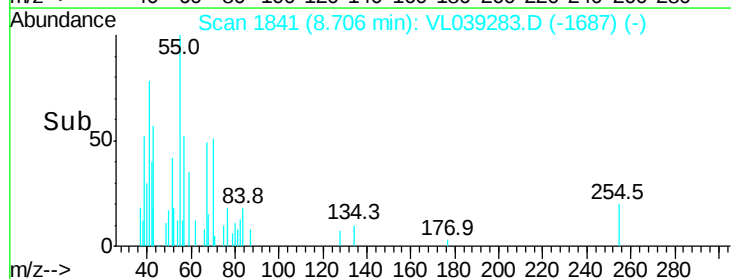
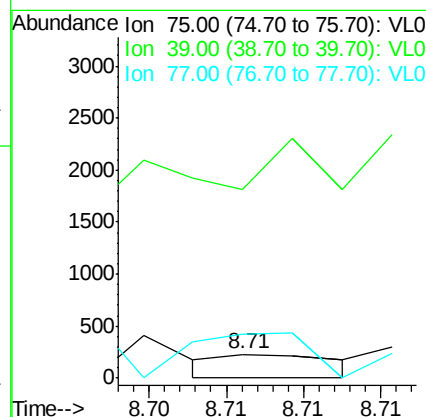
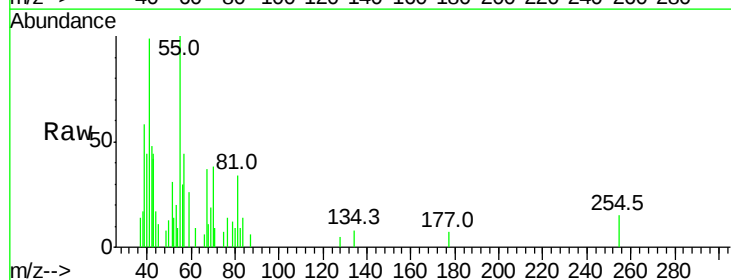
Delta R.T. -0.00 min

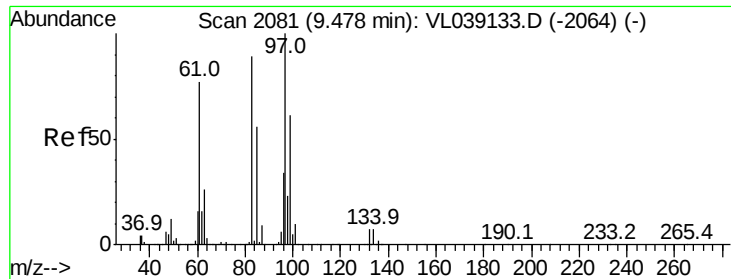
Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Tgt Ion: 75 Resp: 120

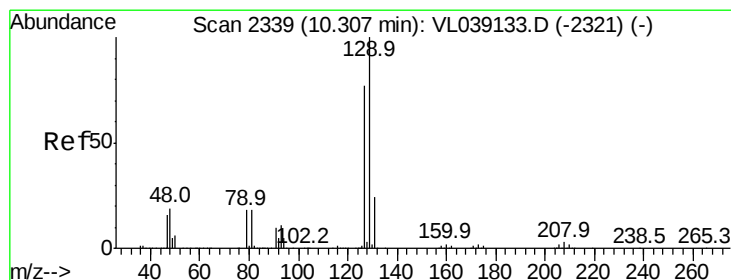
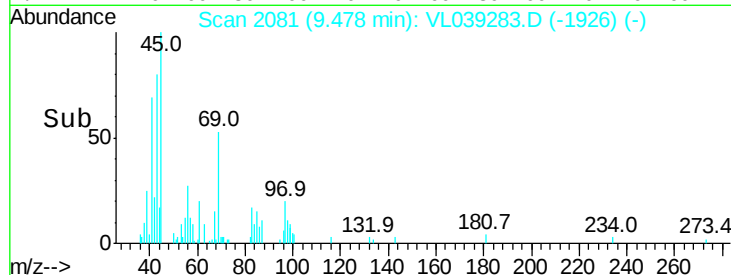
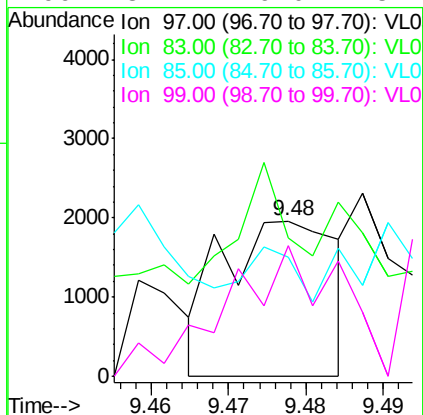
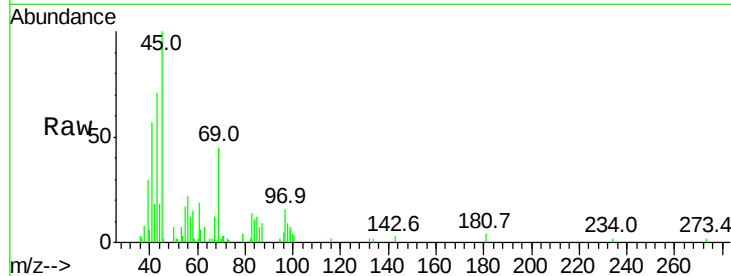
Ion	Ratio	Lower	Upper
75	100		
39	16.9	52.4	78.6#
77	718.6	25.5	38.3#





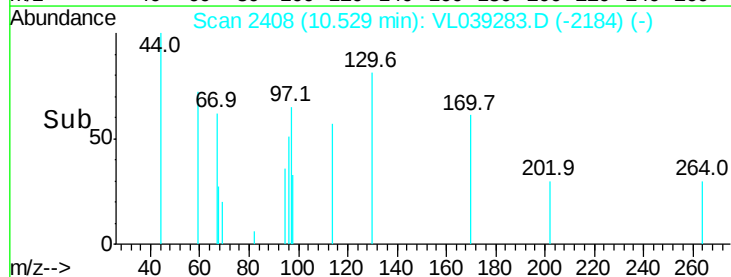
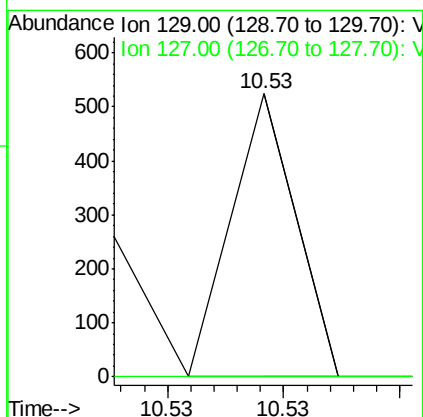
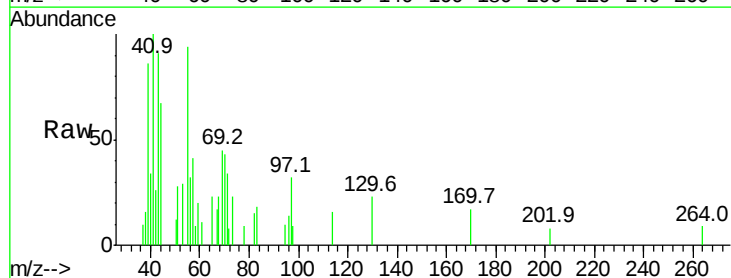
#47
 1,1,2-Trichloroethane
 Concen: 0.02 ppbv
 RT: 9.48
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId:
 OTC-SG-2
 Acq: 14 Jun 2022 16:44

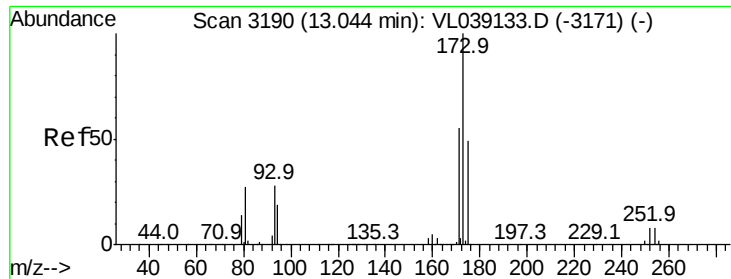
Tgt Ion: 97 Resp: 2002
 Ion Ratio Lower Upper
 97 100
 83 47.5 71.6 107.4#
 85 20.7 44.8 67.2#
 99 82.2 49.0 73.4#



#48
 Dibromochloromethane
 Concen: 0.00 ppbv
 RT: 10.53 min Scan# 2408
 Delta R.T. 0.22 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

Tgt Ion: 129 Resp: 101
 Ion Ratio Lower Upper
 129 100
 127 42.6 40.0 119.9





#49

Bromoform

Concen: 0.00 ppbv

RT: 13.04

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44

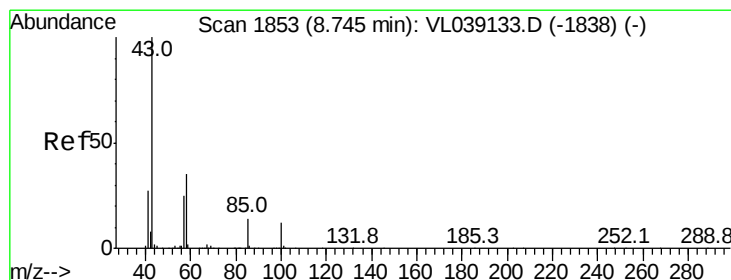
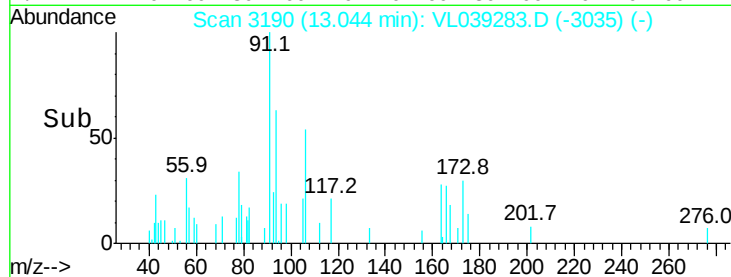
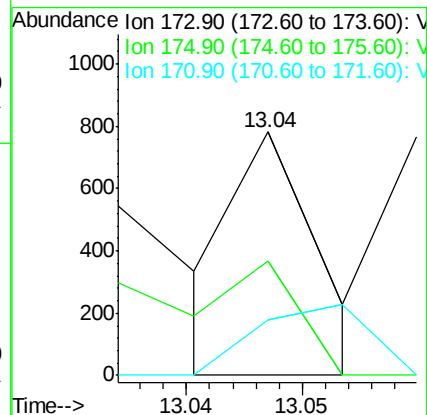
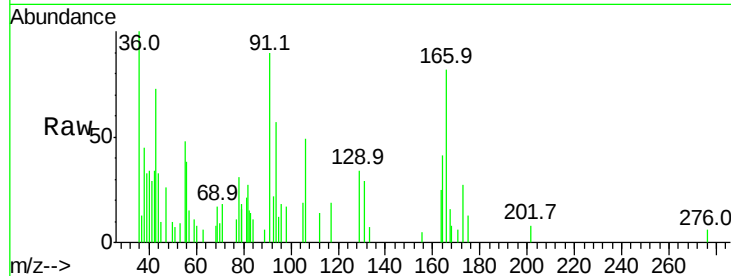
Tgt Ion: 173 Resp: 195

Ion Ratio Lower Upper

173 100

175 0.0 40.2 60.2#

171 0.0 43.9 65.9#



#50

4-Methyl-2-Pentanone

Concen: 0.26 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL039283.D

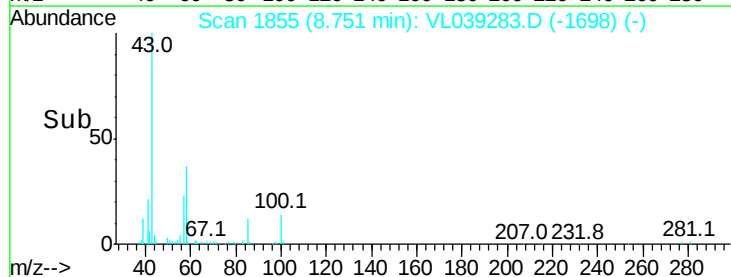
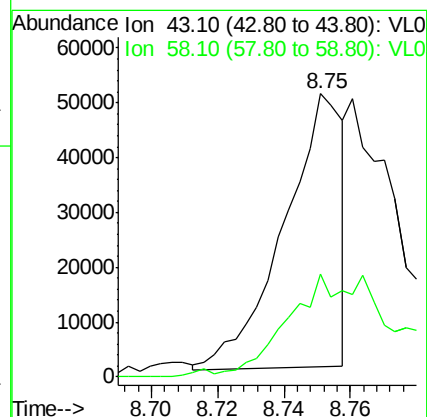
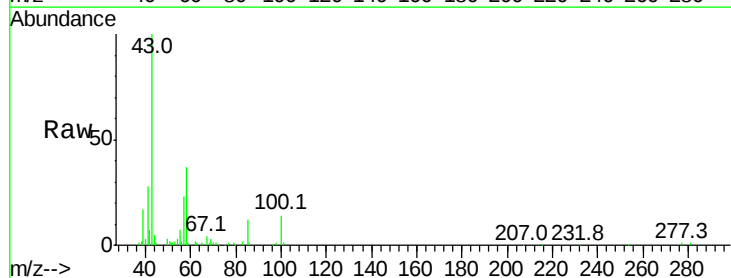
Acq: 14 Jun 2022 16:44

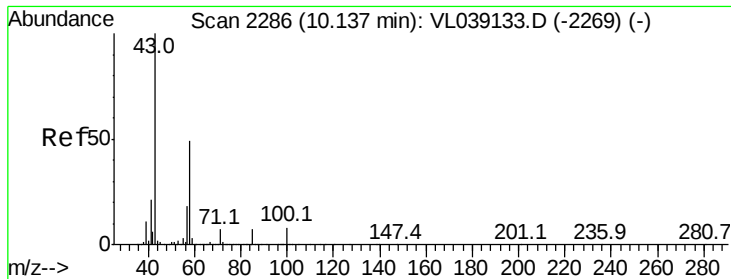
Tgt Ion: 43 Resp: 61439

Ion Ratio Lower Upper

43 100

58 72.3 28.7 43.1#





#51

2-Hexanone

Concen: 0.17 ppbv

RT: 10.15

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44

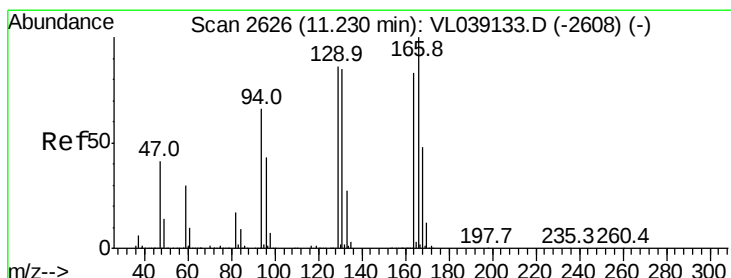
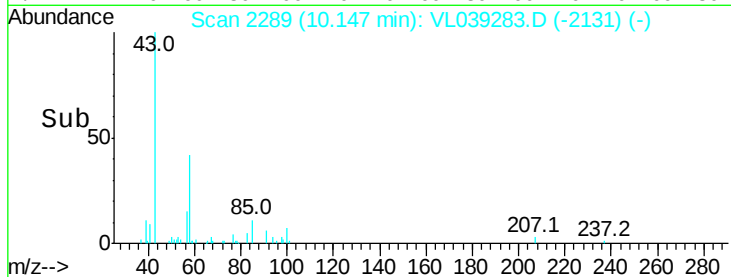
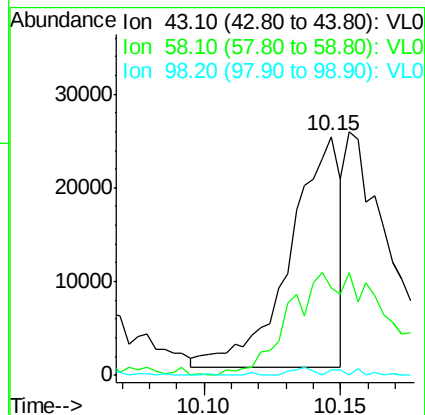
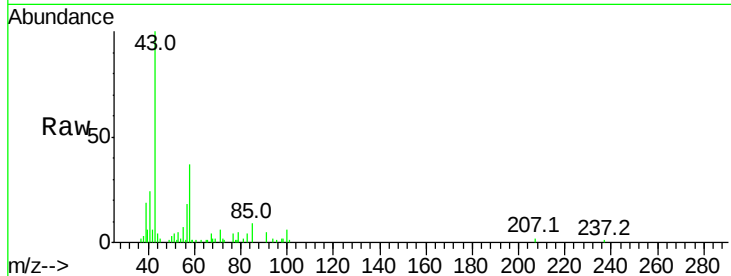
Tgt Ion: 43 Resp: 31588

Ion Ratio Lower Upper

43 100

58 95.7 40.0 60.0#

98 2.2 0.1 0.1#



#52

Tetrachloroethene

Concen: 357.18 ppbv

RT: 11.29 min Scan# 2645

Delta R.T. 0.06 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Tgt Ion: 164 Resp: 33344099

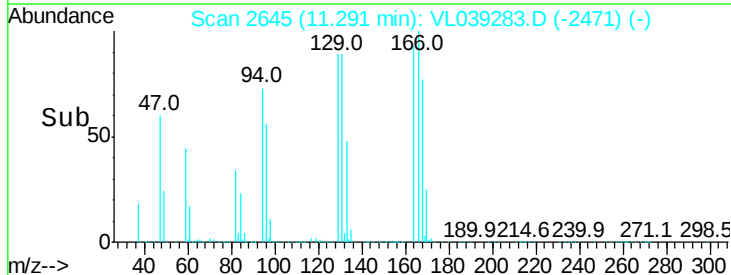
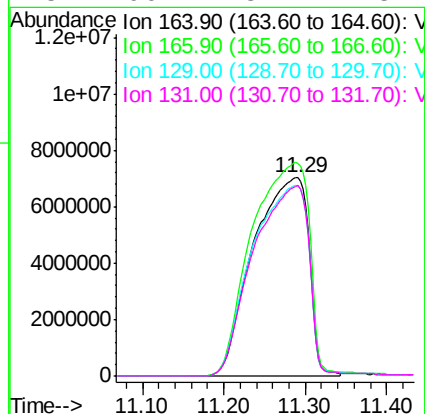
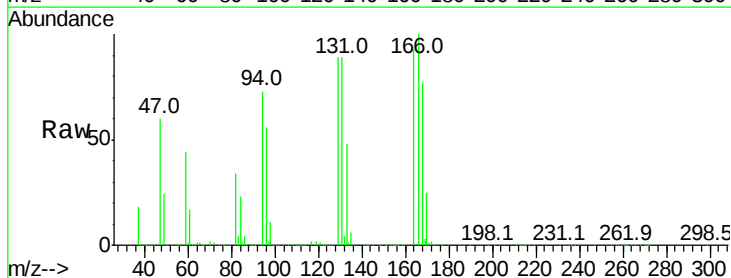
Ion Ratio Lower Upper

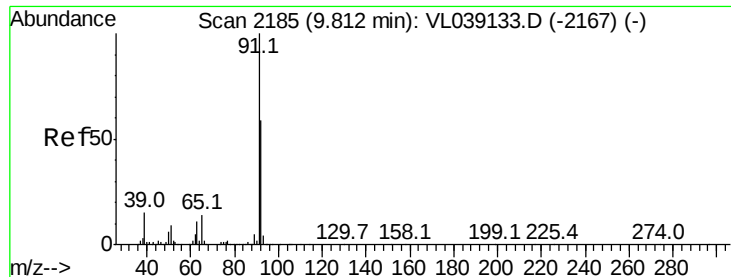
164 100

166 107.6 96.3 144.5

129 95.8 82.5 123.7

131 96.1 82.1 123.1





#53

Toluene

Concen: 0.65 ppbv

RT: 9.81 Instrument: MSVOA_1

Delta R.T. -0.01

Lab File: ClientSampleId:

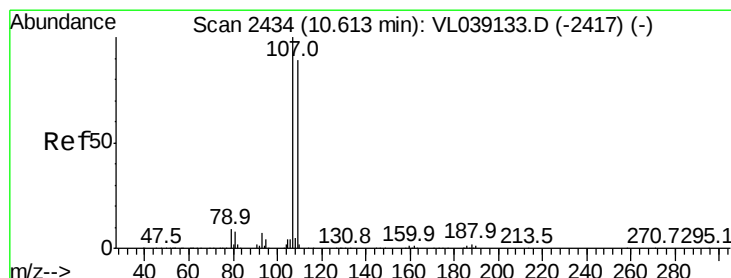
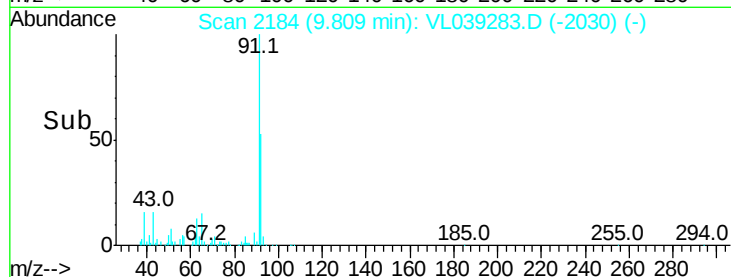
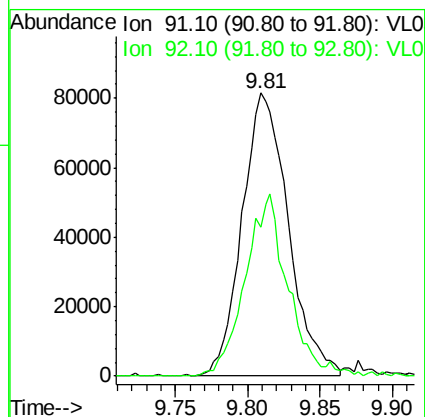
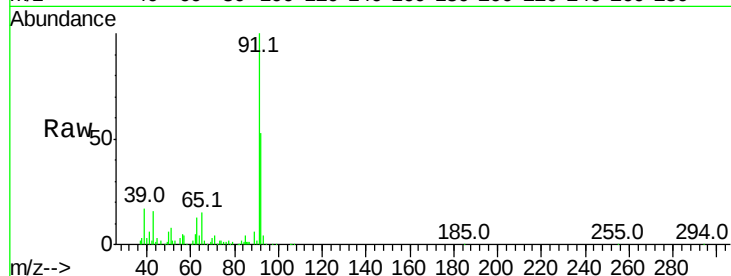
Acq: 14 Jun 2022 16:44

Tgt Ion: 91 Resp: 179273

Ion Ratio Lower Upper

91 100

92 60.6 48.1 72.1



#54

1,2-Dibromoethane

Concen: 0.00 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL039283.D

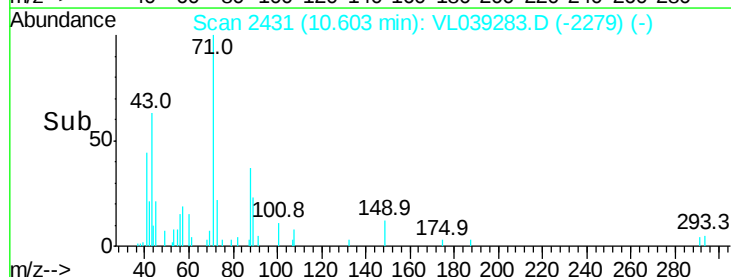
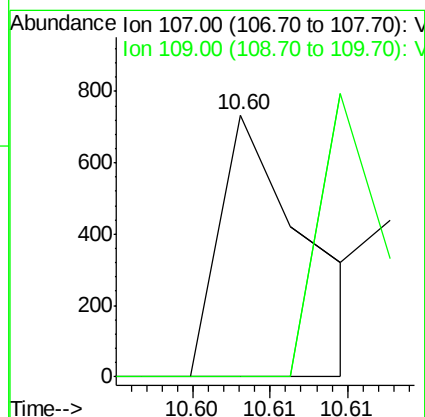
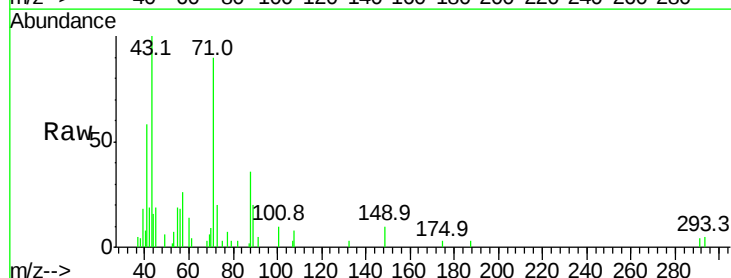
Acq: 14 Jun 2022 16:44

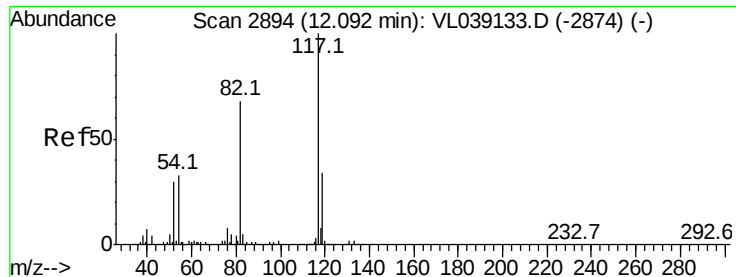
Tgt Ion: 107 Resp: 285

Ion Ratio Lower Upper

107 100

109 0.0 71.4 107.0#

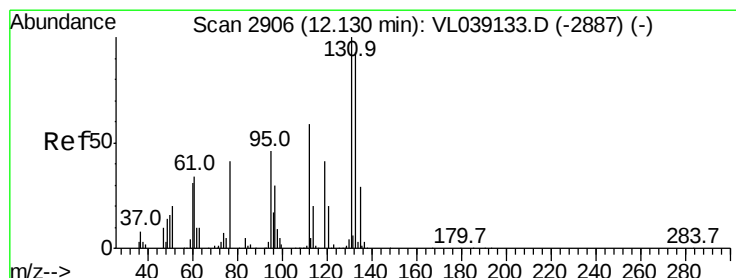
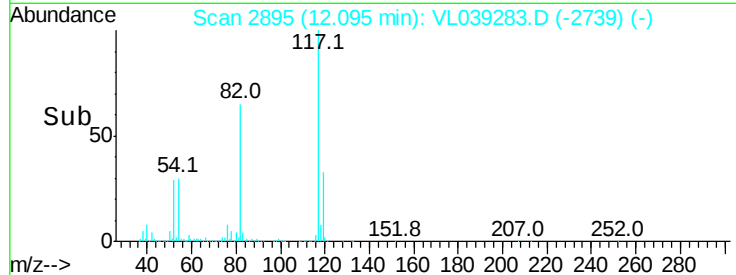
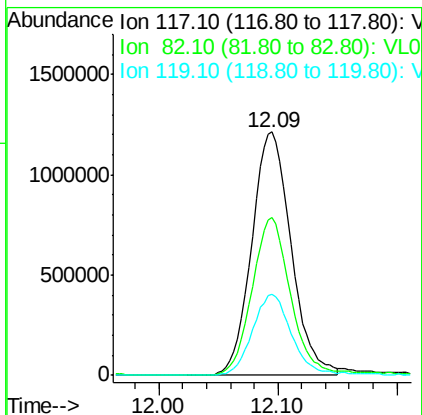
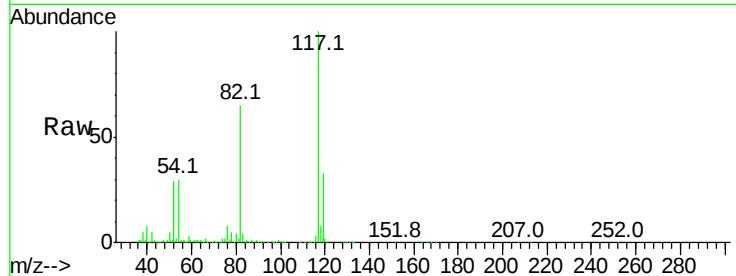




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId :
Acq: 14 Jun 2022 16:44

Tgt Ion: 117 Resp: 2777607

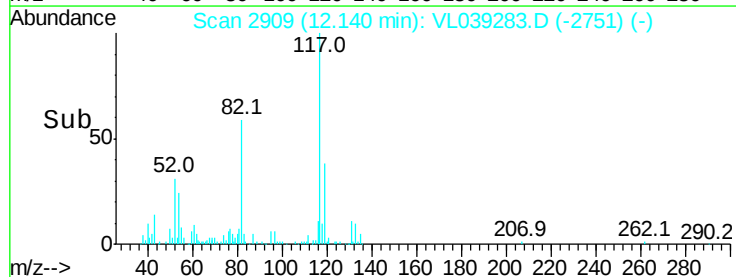
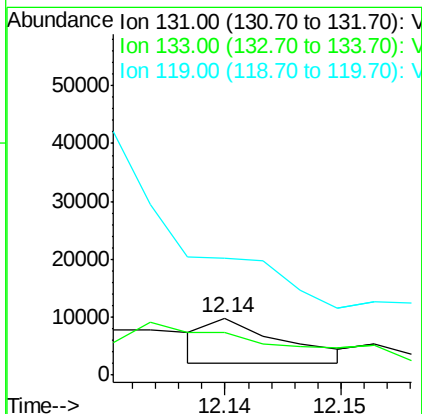
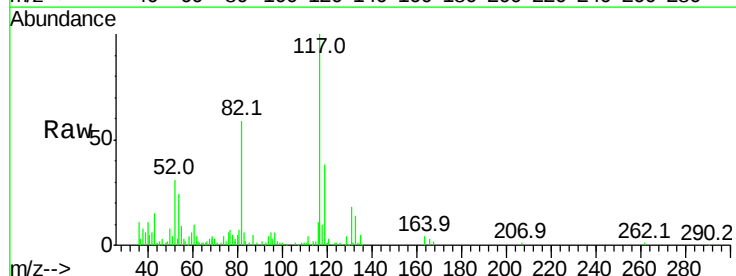
Ion	Ratio	Lower	Upper
117	100		
82	65.2	55.1	82.7
119	33.6	24.7	37.1

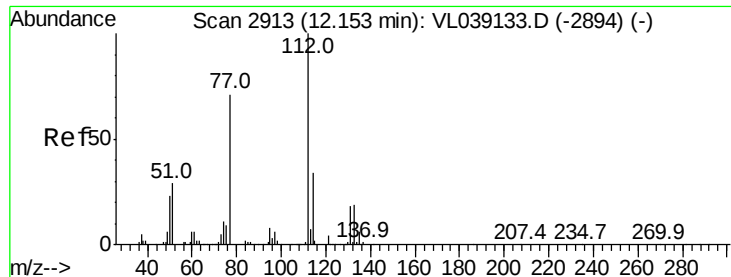


#56
1,1,1,2-Tetrachloroethane
Concen: 0.03 ppbv
RT: 12.14 min Scan# 2909
Delta R.T.: 0.01 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion: 131 Resp: 3495

Ion	Ratio	Lower	Upper
131	100		
133	585.8	78.6	117.8#
119	0.0	51.7	77.5#





#57

Chlorobenzene

Concen: 0.05 ppbv

RT: 12.15

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44

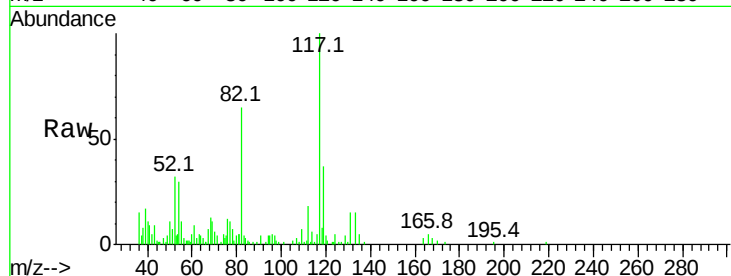
Tgt Ion: 112 Resp: 10786

Ion Ratio Lower Upper

112 100

77 18.6 56.5 84.7#

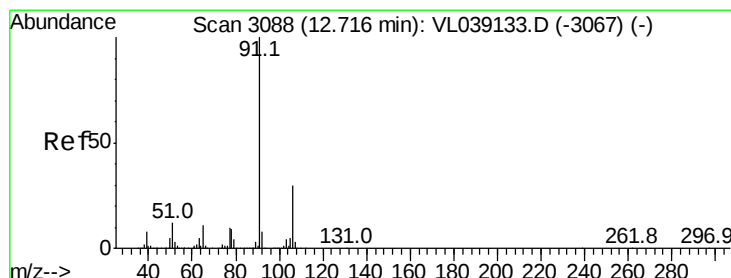
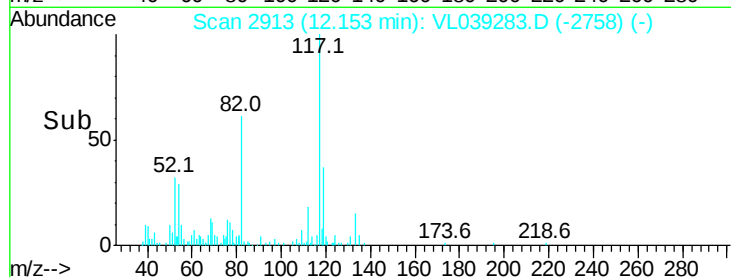
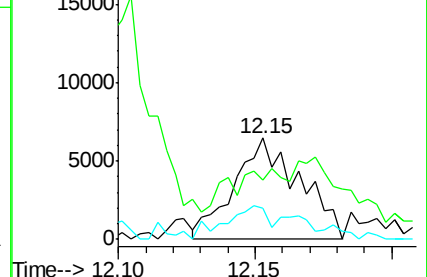
114 30.5 30.3 37.1



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: 0.10 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. 0.28 min

Lab File: VL039283.D

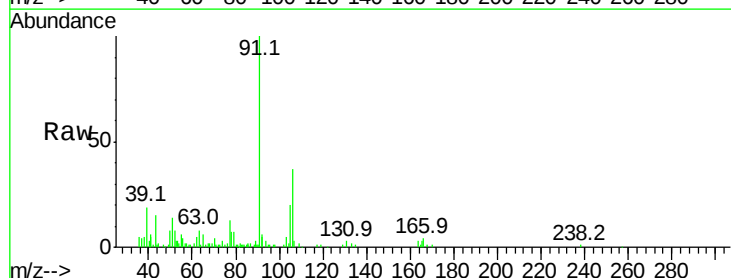
Acq: 14 Jun 2022 16:44

Tgt Ion: 91 Resp: 38287

Ion Ratio Lower Upper

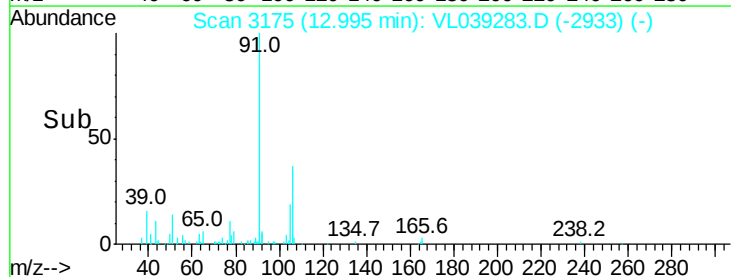
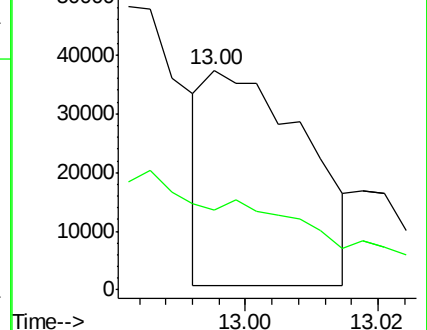
91 100

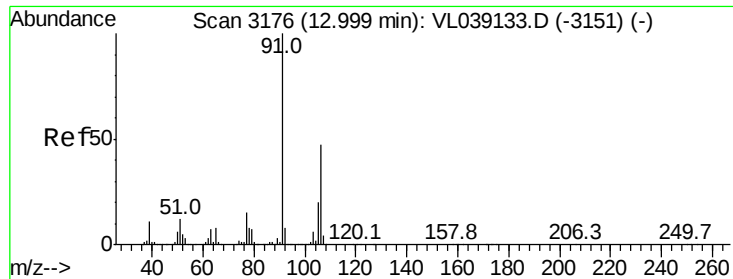
106 25.2 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

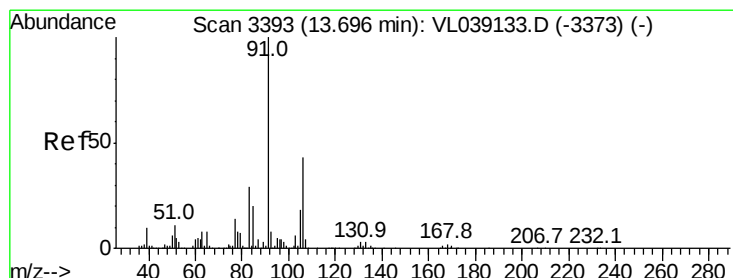
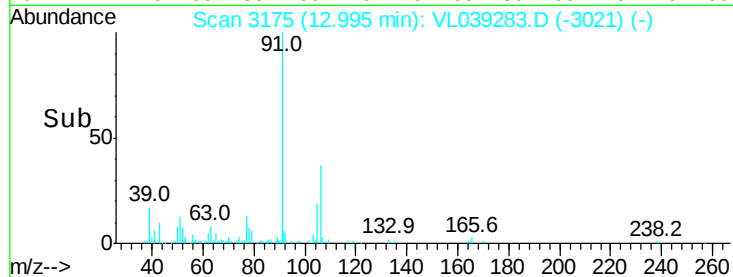
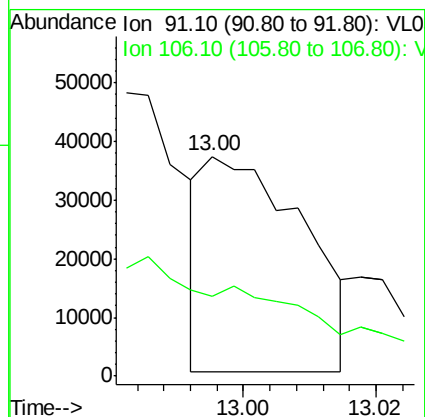
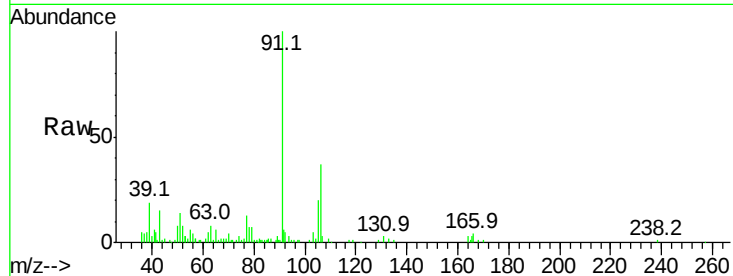
Ion 106.10 (105.80 to 106.80): V





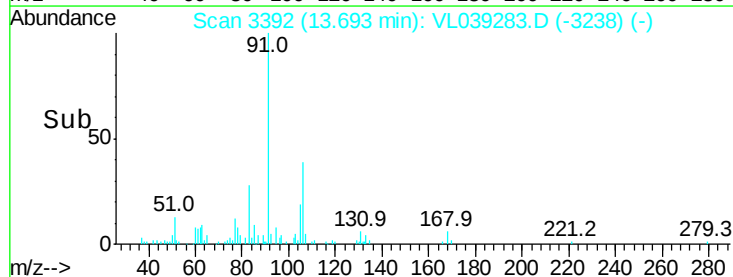
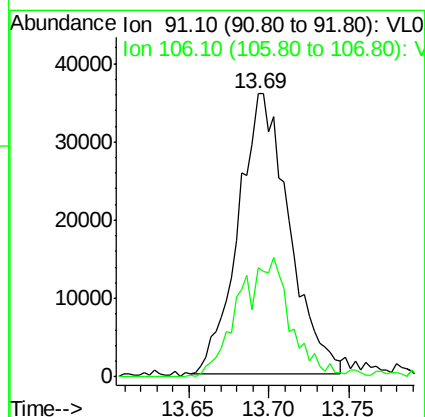
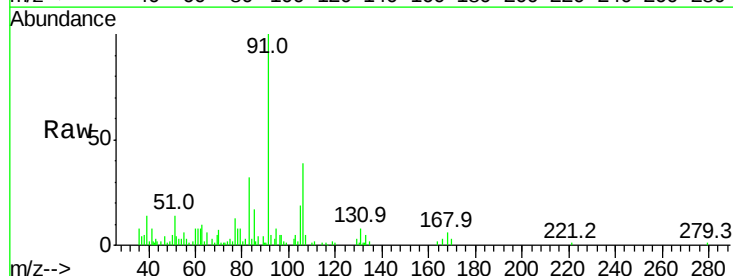
#59
m/p-Xylene
Concen: 0.11 ppbv
RT: 13.00
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 14 Jun 2022 16:44

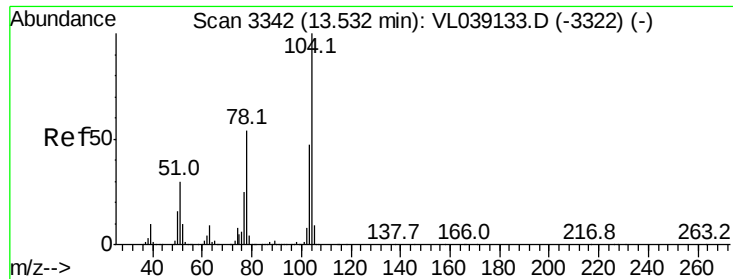
Tgt Ion: 91 Resp: 38287
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 0.25 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

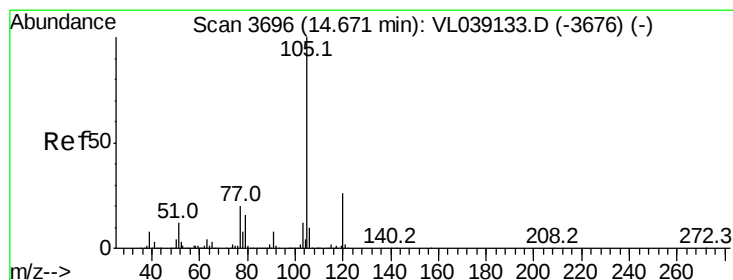
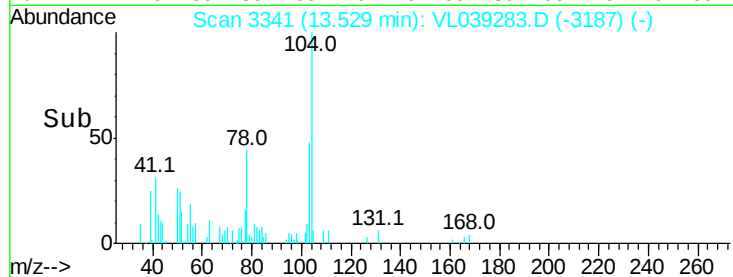
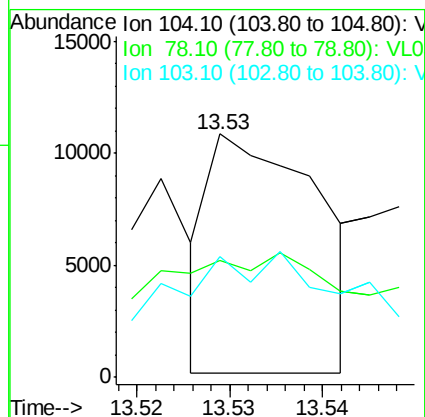
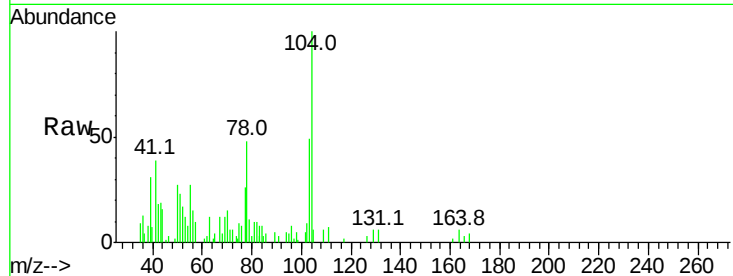
Tgt Ion: 91 Resp: 78193
Ion Ratio Lower Upper
91 100
106 43.7 22.3 66.9





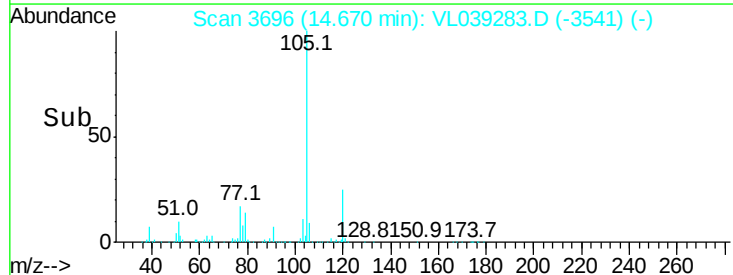
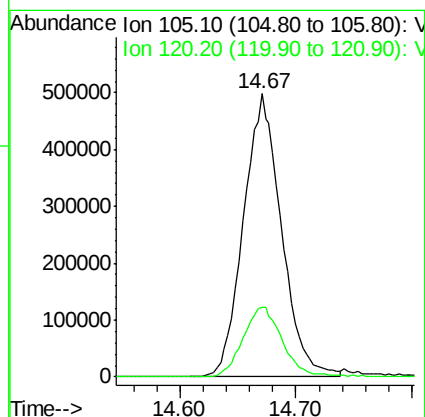
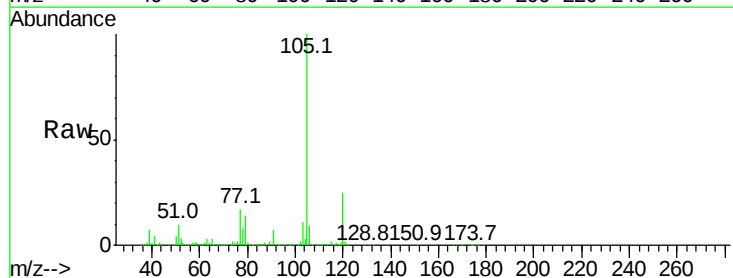
#61
Styrene
Concen: 0.05 ppbv
RT: 13.53
Delta R.T. MSVOA_1
Lab File: ClientSampleId:
Acq: 14 Jun 2022 16:44

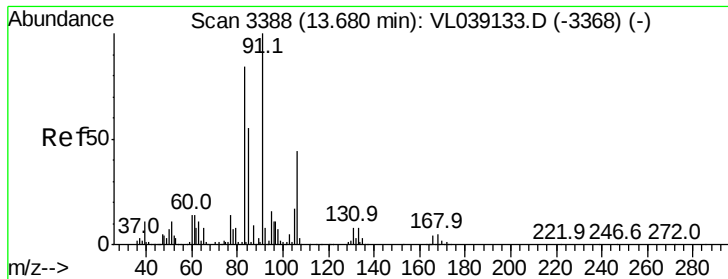
Tgt Ion: 104 Resp: 8720
Ion Ratio Lower Upper
104 100
78 157.8 45.7 68.5#
103 132.9 39.6 59.4#



#62
Isopropylbenzene
Concen: 2.41 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL039283.D
Acq: 14 Jun 2022 16:44

Tgt Ion: 105 Resp: 1133461
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.10 ppbv

RT: 13.68

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 14 Jun 2022 16:44

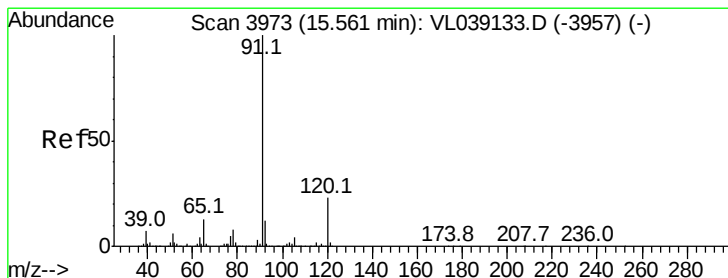
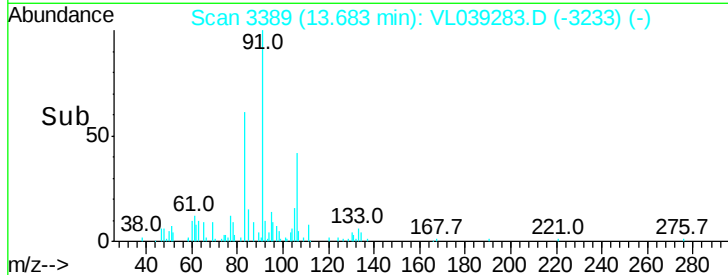
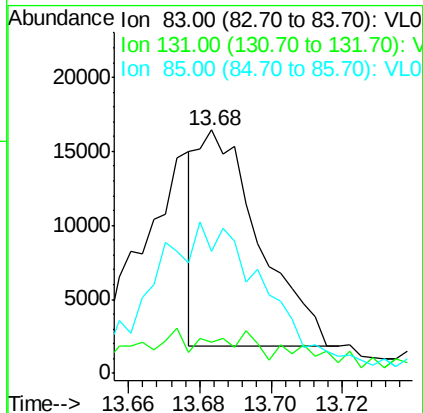
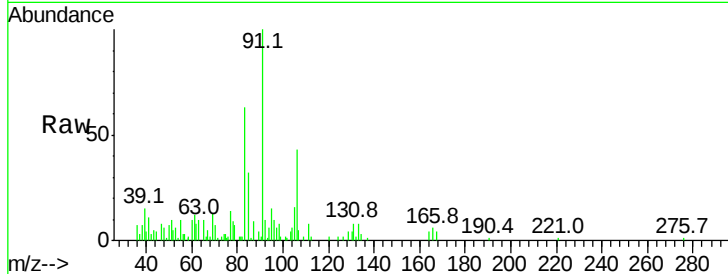
Tgt Ion: 83 Resp: 17393

Ion Ratio Lower Upper

83 100

131 27.5 4.8 14.3#

85 139.8 33.0 99.0#



#64

n-propylbenzene

Concen: 0.03 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL039283.D

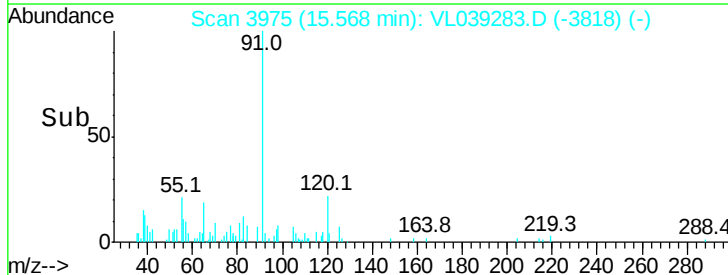
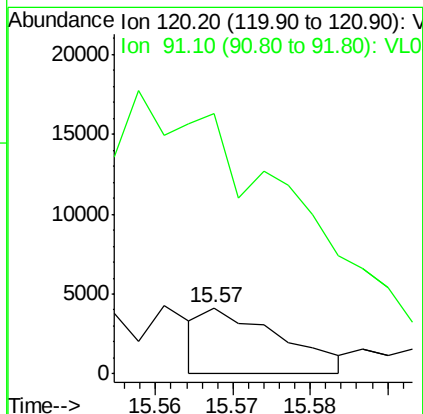
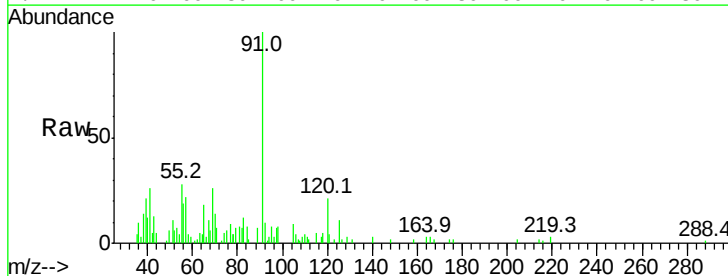
Acq: 14 Jun 2022 16:44

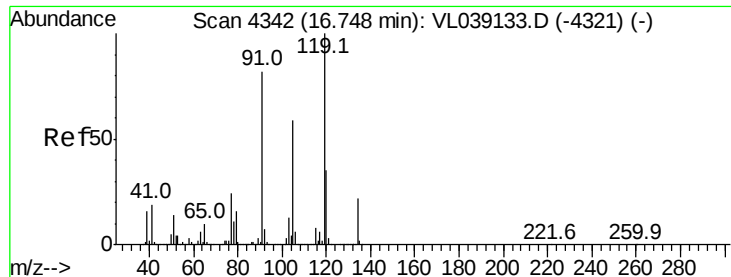
Tgt Ion: 120 Resp: 2915

Ion Ratio Lower Upper

120 100

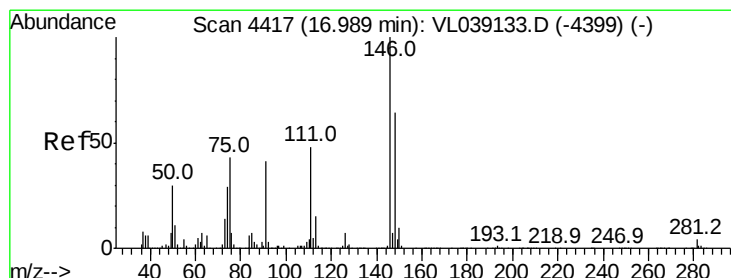
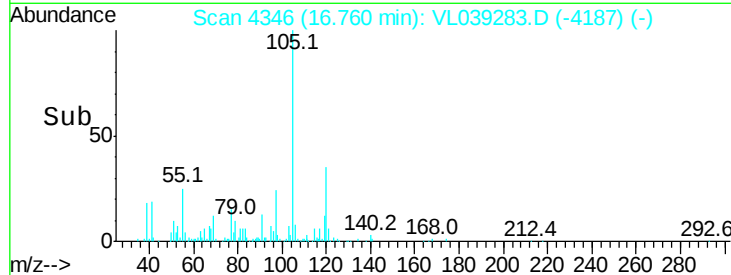
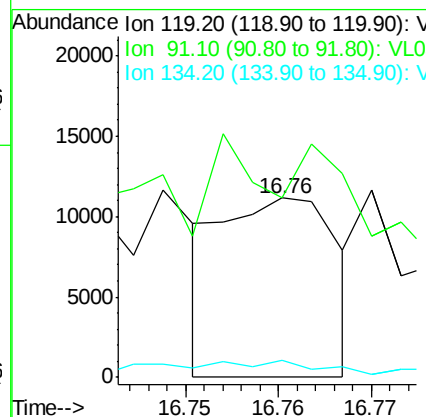
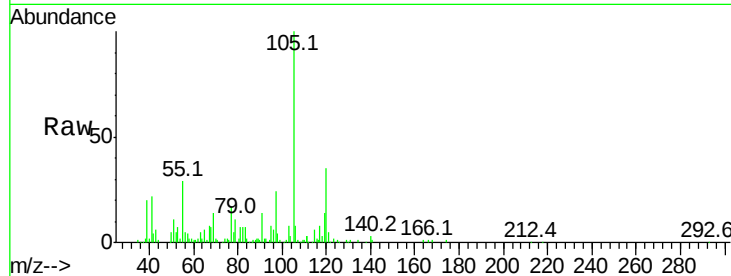
91 0.0 388.4 582.6#





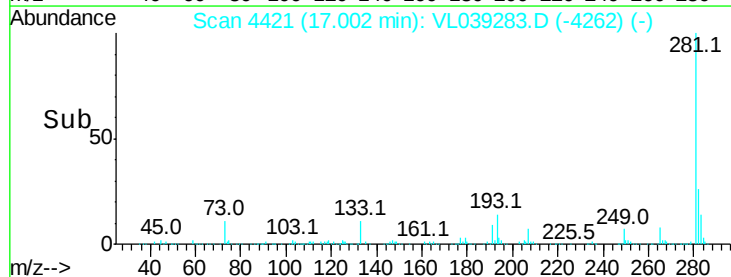
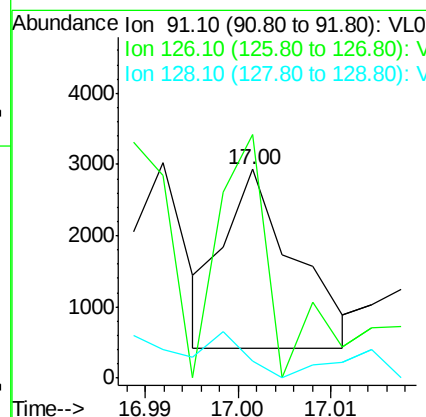
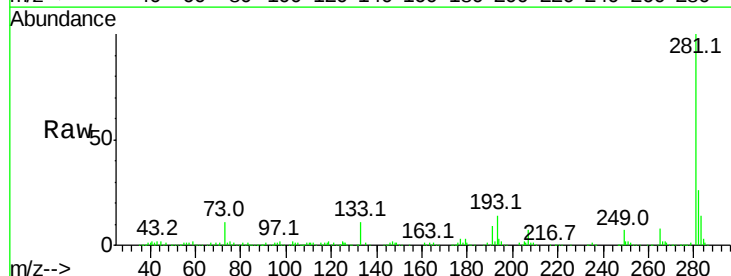
#65
 tert-Butylbenzene
 Concen: 0.02 ppbv
 RT: 16.76 min
 Delta R.T. 0.01 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

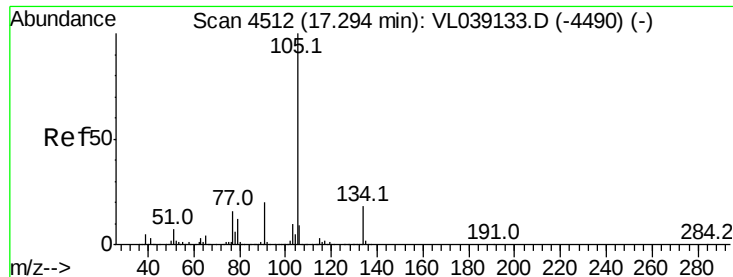
Tgt Ion: 119 Resp: 9590
 Ion Ratio Lower Upper
 119 100
 91 478.2 67.1 100.7#
 134 0.0 15.8 23.8#



#66
 Benzyl Chloride
 Concen: 0.02 ppbv
 RT: 17.00 min Scan# 4421
 Delta R.T. 0.01 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

Tgt Ion: 91 Resp: 1319
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.4 20.0#
 128 31.9 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.01 ppbv

RT: 17.30

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

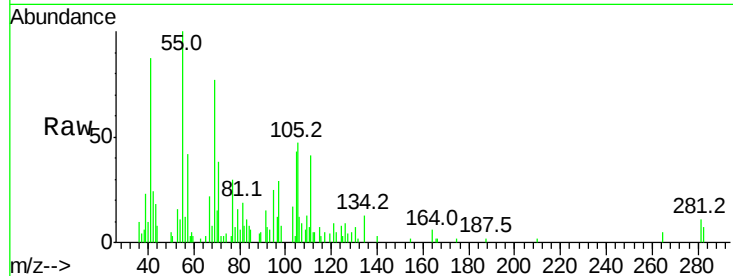
Acq: 14 Jun 2022 16:44

Tgt Ion: 105 Resp: 3457

Ion Ratio Lower Upper

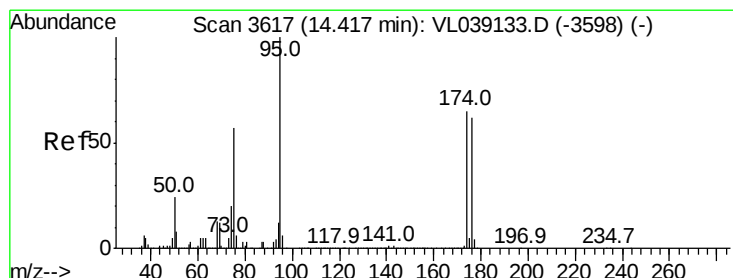
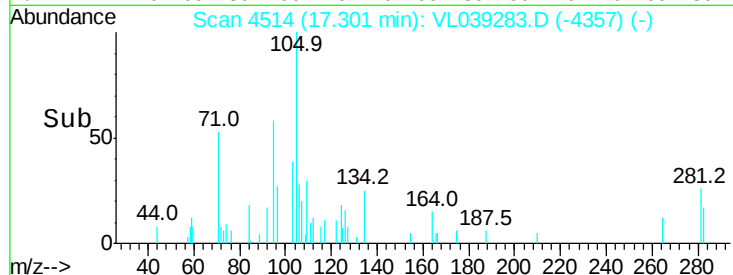
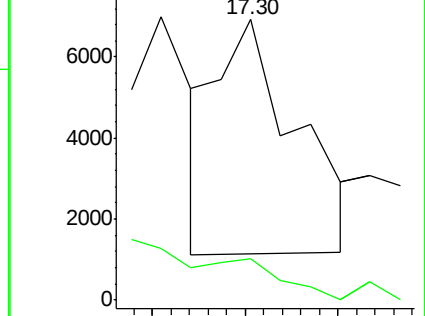
105 100

134 0.0 14.4 21.6#



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: 9.81 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

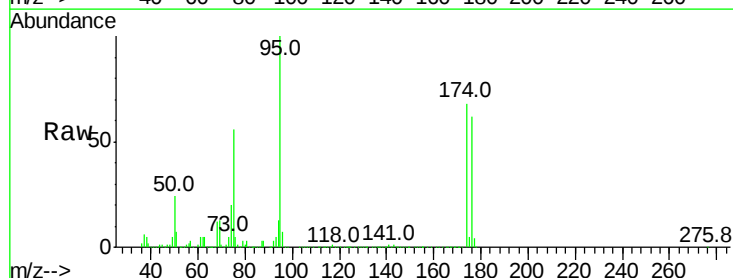
Tgt Ion: 95 Resp: 2252331

Ion Ratio Lower Upper

95 100

174 70.2 53.8 80.8

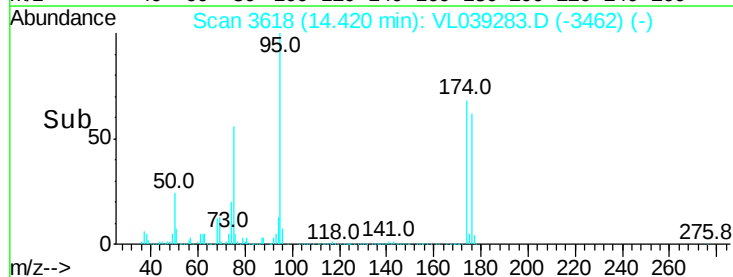
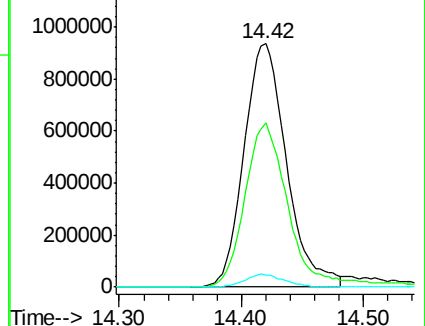
175 5.2 4.1 6.1

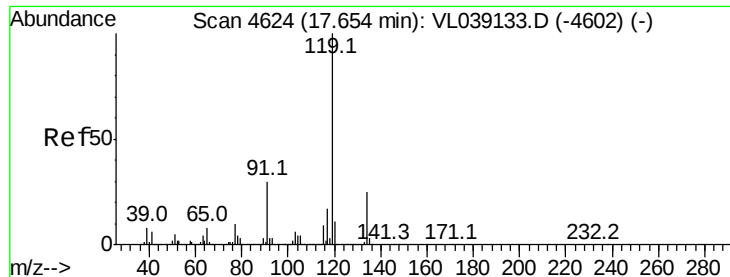


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

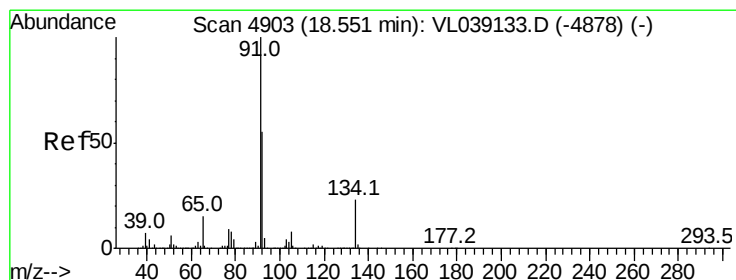
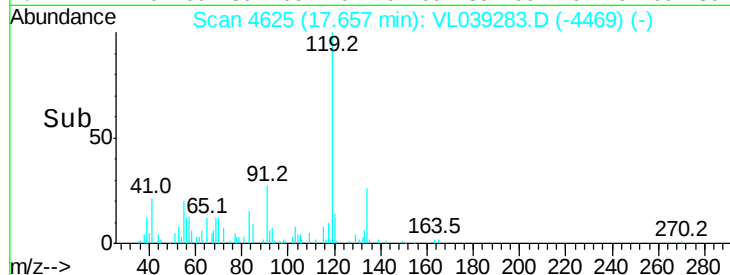
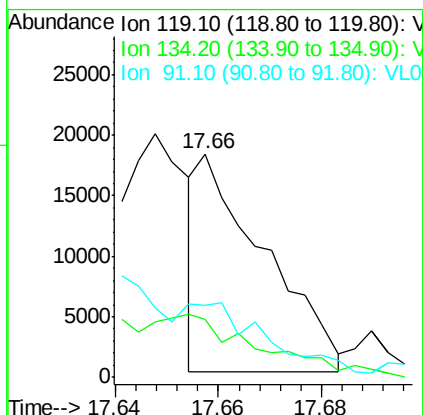
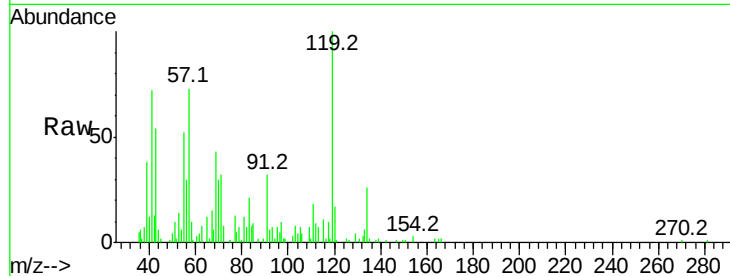
Ion 175.00 (174.70 to 175.70): V





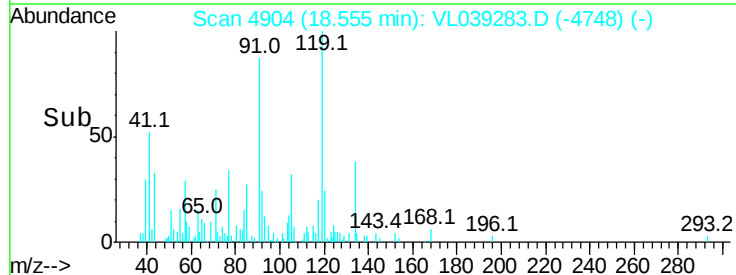
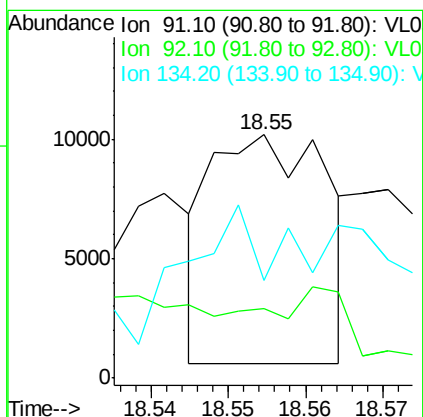
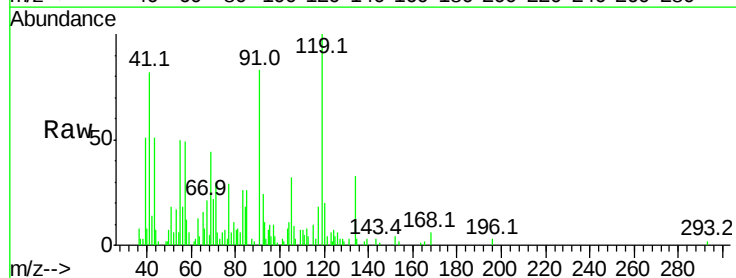
#69
 p-Isopropyltoluene
 Concen: 0.03 ppbv
 RT: 17.66
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 OTC-SG-2
 Acq: 14 Jun 2022 16:44

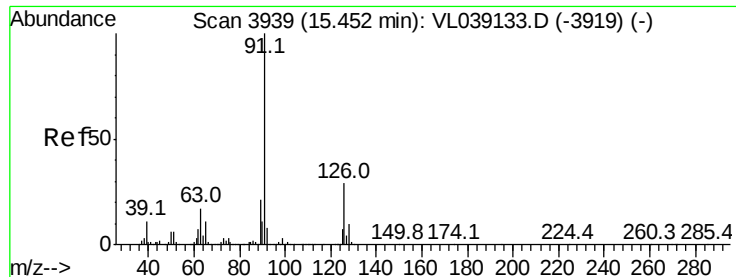
Tgt Ion: 119 Resp: 16060
 Ion Ratio Lower Upper
 119 100
 134 80.0 20.4 30.6#
 91 0.0 24.2 36.4#



#70
 n-Butylbenzene
 Concen: 0.02 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.00 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

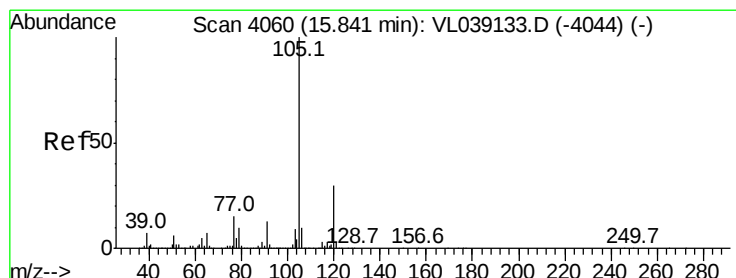
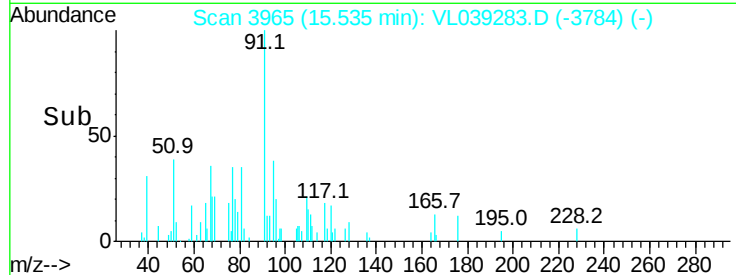
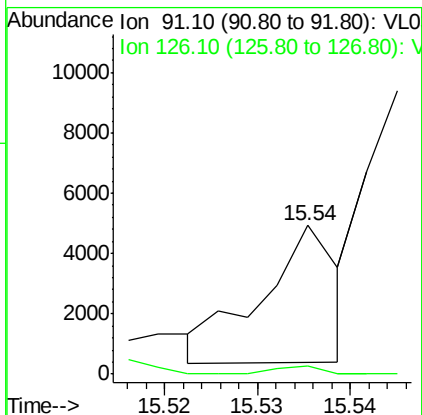
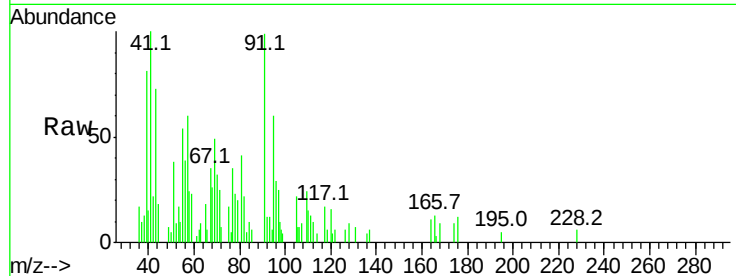
Tgt Ion: 91 Resp: 9901
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.6 65.4#
 134 220.4 17.7 26.5#





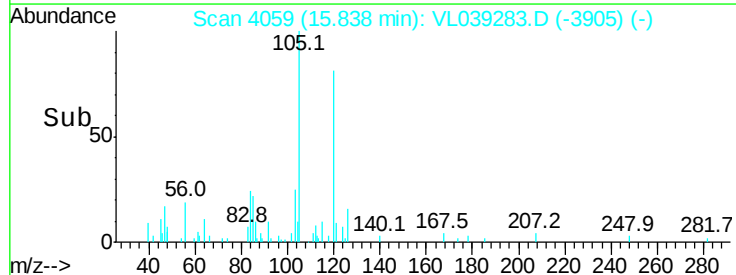
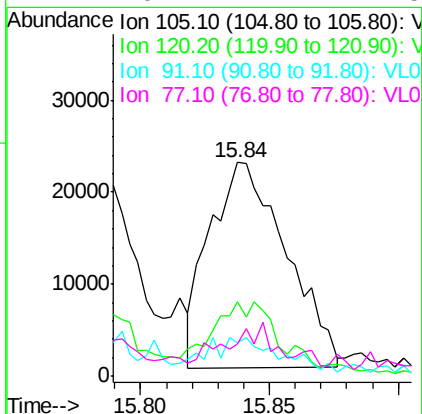
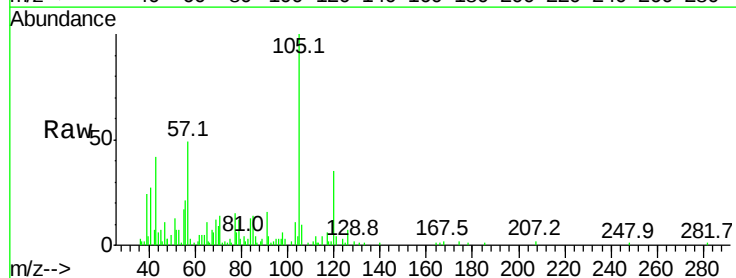
#71
 2-Chlorotoluene
 Concen: 0.01 ppbv
 RT: 15.54 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 16:44

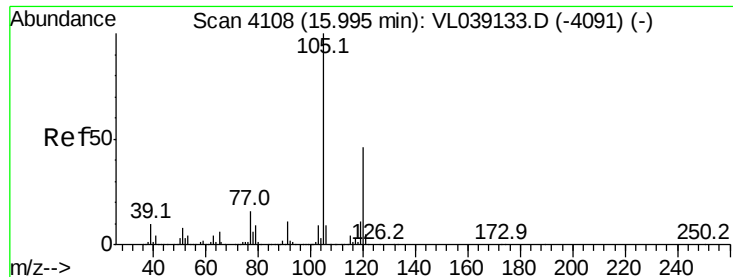
Tgt Ion: 91 Resp: 2590
 Ion Ratio Lower Upper
 91 100
 126 31.7 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 0.12 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

Tgt Ion: 105 Resp: 46192
 Ion Ratio Lower Upper
 105 100
 120 37.6 23.9 35.9#
 91 16.0 10.6 16.0#
 77 19.4 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.08 ppbv

RT: 16.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

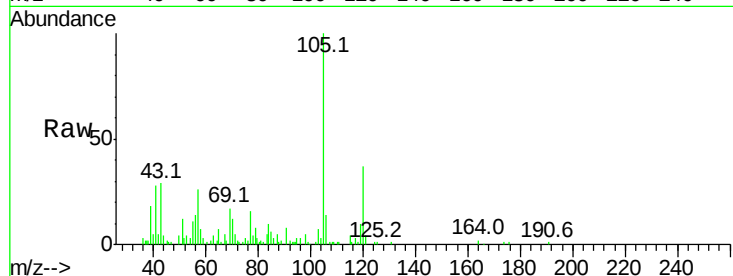
Acq: 14 Jun 2022 16:44

Tgt Ion:105 Resp: 27693

Ion Ratio Lower Upper

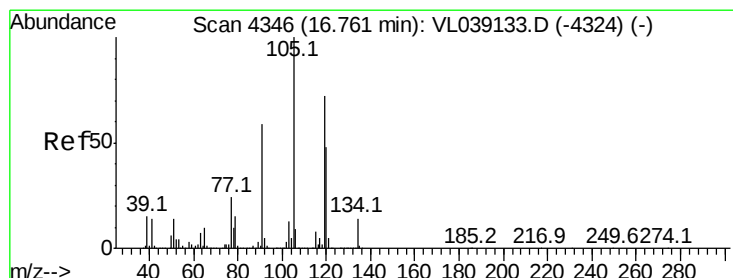
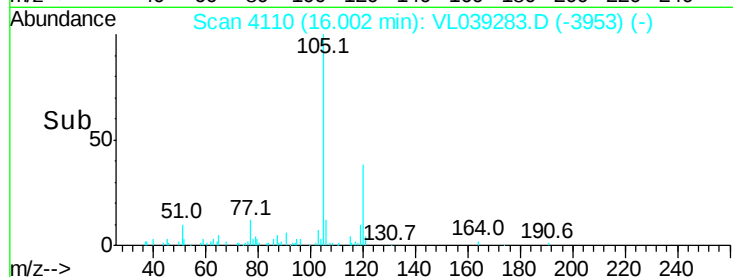
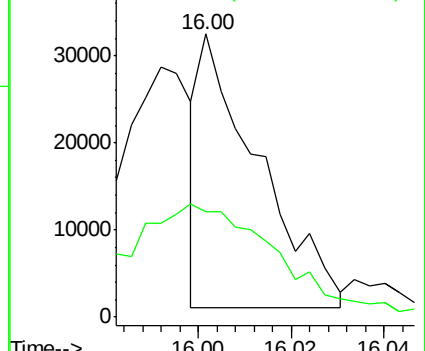
105 100

120 38.0 36.7 55.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.49 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. -0.00 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

Tgt Ion:105 Resp: 183184

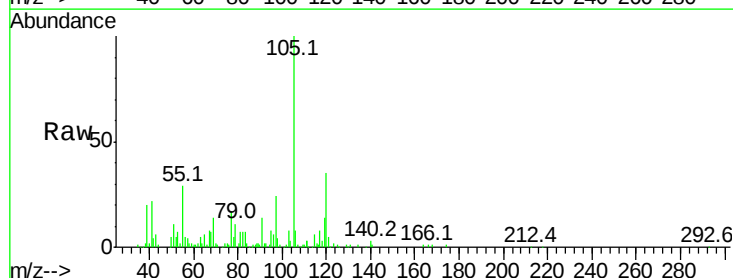
Ion Ratio Lower Upper

105 100

120 35.0 38.1 57.1#

91 11.1 47.4 71.0#

77 14.9 19.5 29.3#

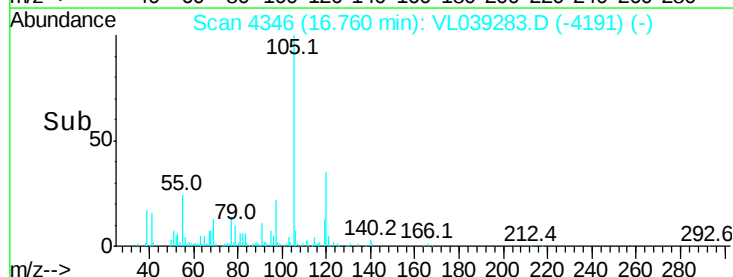
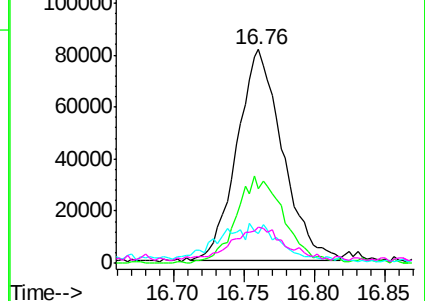


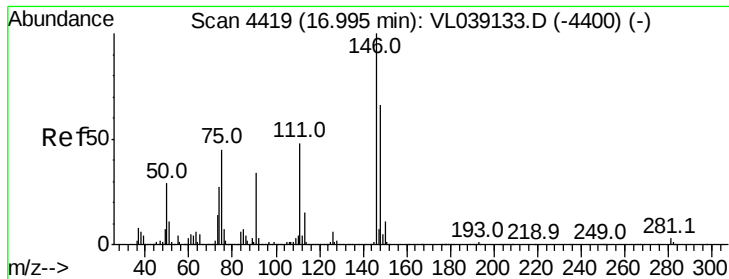
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 0.01 ppbv

RT: 17.00 min

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44

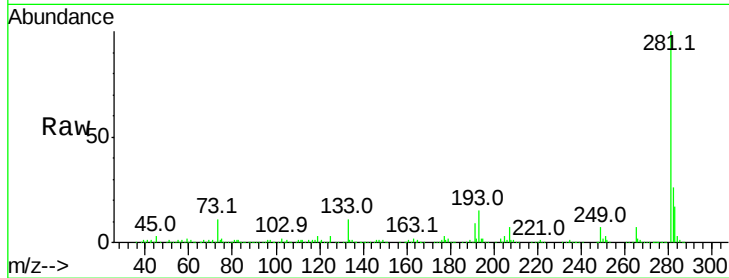
Tgt Ion:146 Resp: 1227

Ion Ratio Lower Upper

146 100

111 0.0 23.8 71.4#

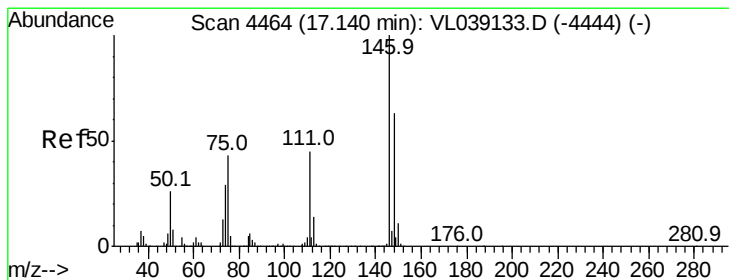
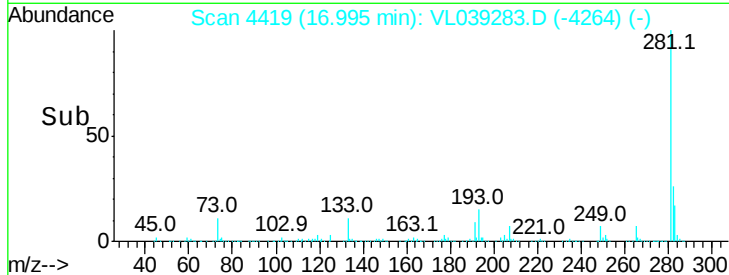
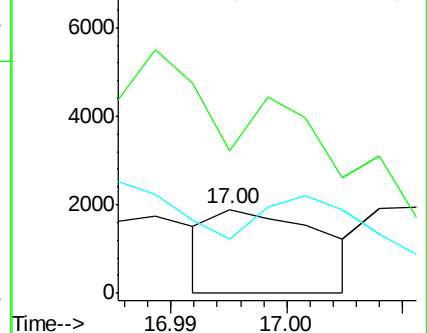
148 0.0 32.4 97.0#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.02 ppbv

RT: 17.15 min Scan# 4467

Delta R.T. 0.01 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

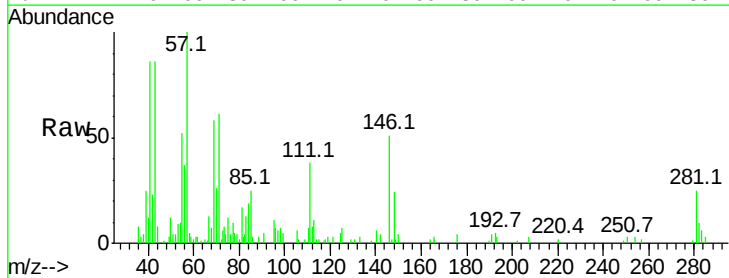
Tgt Ion:146 Resp: 4772

Ion Ratio Lower Upper

146 100

111 0.0 23.6 71.0#

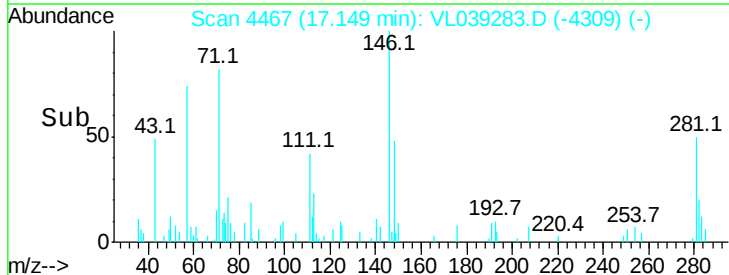
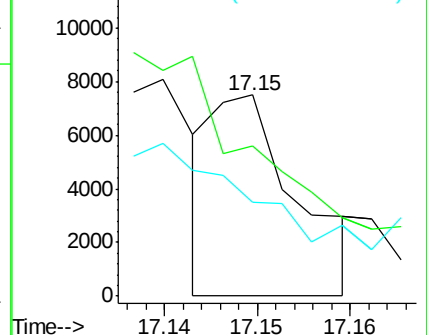
148 0.0 33.7 101.0#

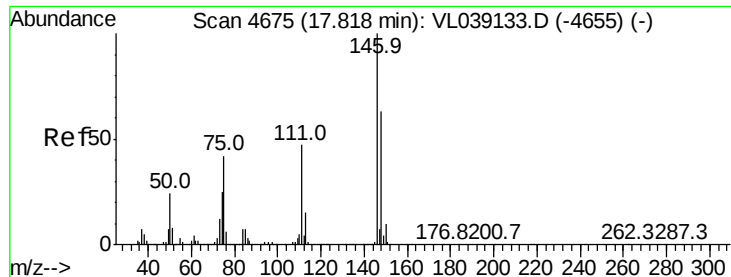


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

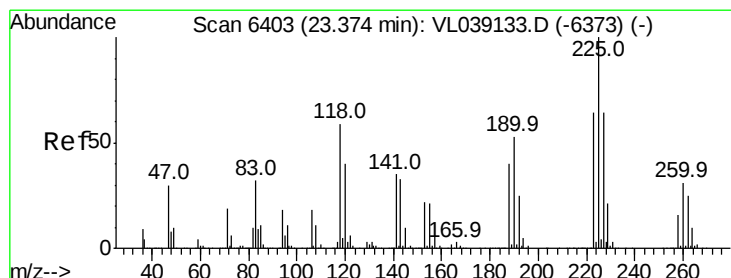
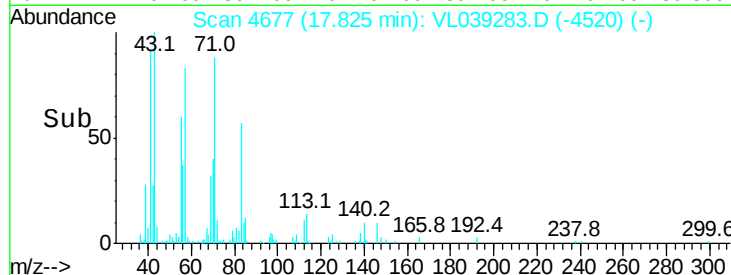
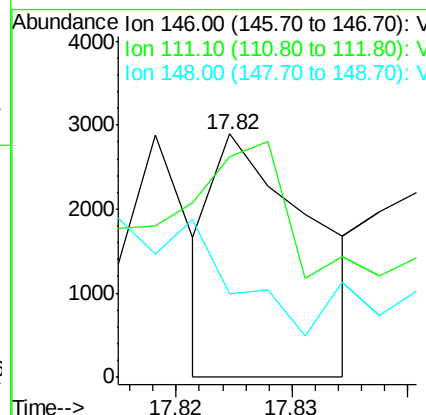
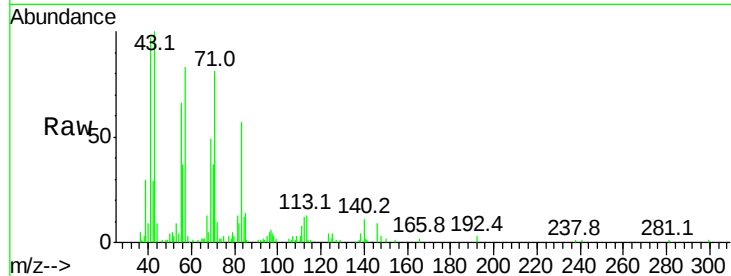
Ion 148.00 (147.70 to 148.70): V





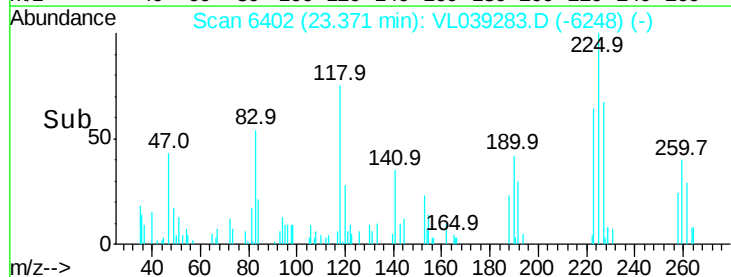
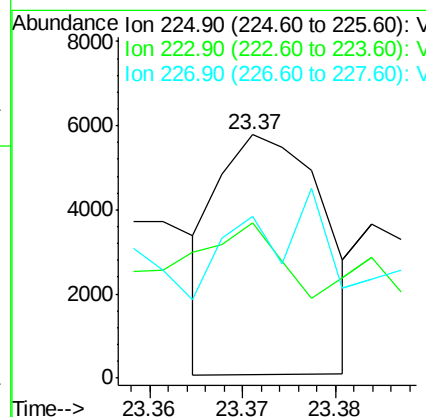
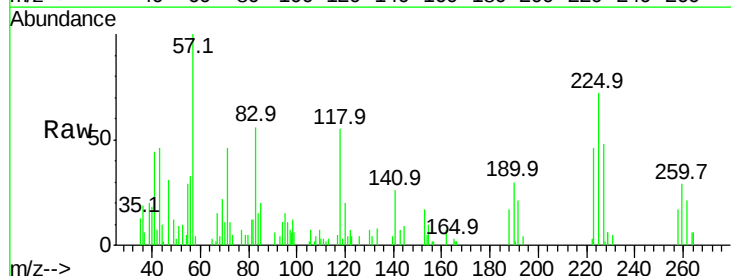
#77
 1,2-Dichlorobenzene
 Concen: 0.01 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 OTC-SG-2
 Acq: 14 Jun 2022 16:44

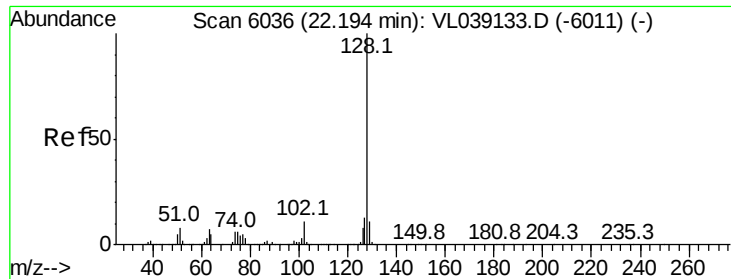
Tgt Ion: 146 Resp: 1697
 Ion Ratio Lower Upper
 146 100
 111 0.0 24.4 73.4#
 148 0.0 32.1 96.5#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.02 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. -0.00 min
 Lab File: VL039283.D
 Acq: 14 Jun 2022 16:44

Tgt Ion: 225 Resp: 4515
 Ion Ratio Lower Upper
 225 100
 223 188.5 51.4 77.0#
 227 201.2 50.6 75.8#





#79

Naphthalene

Concen: 0.03 ppbv

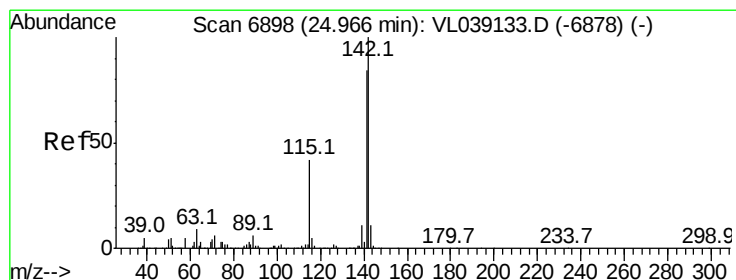
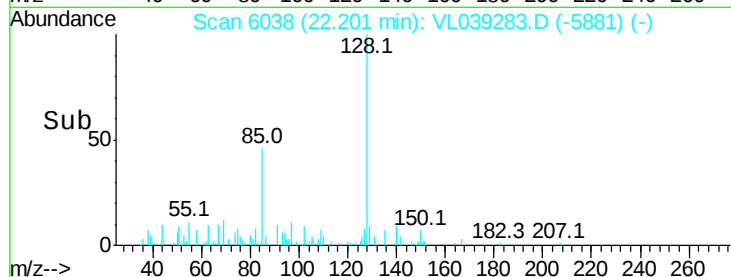
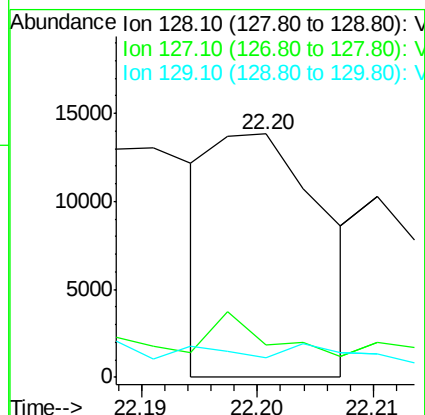
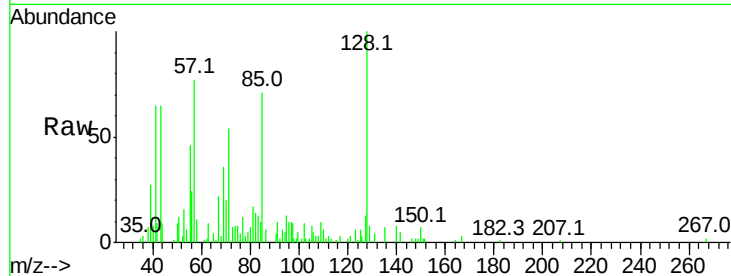
RT: 22.20

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Jun 2022 16:44

Tgt Ion:	128	Resp:	9049
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.4	15.6
129	0.0	9.0	13.6#



#80

Naphthalene, 2-methyl-

Concen: 0.05 ppbv

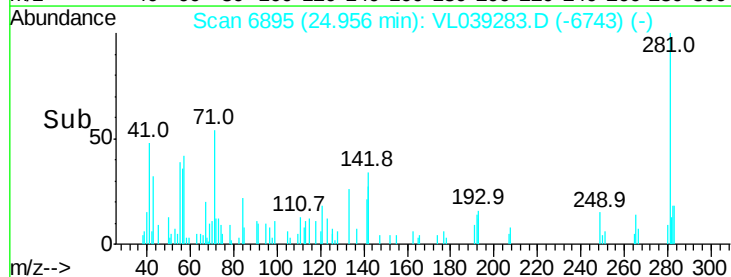
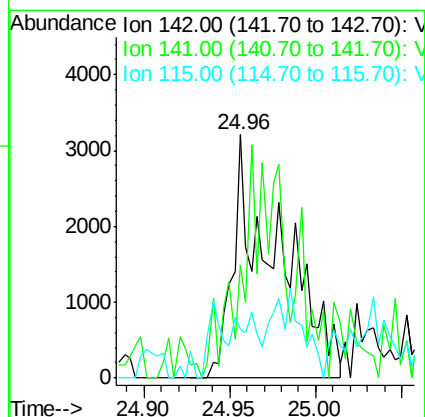
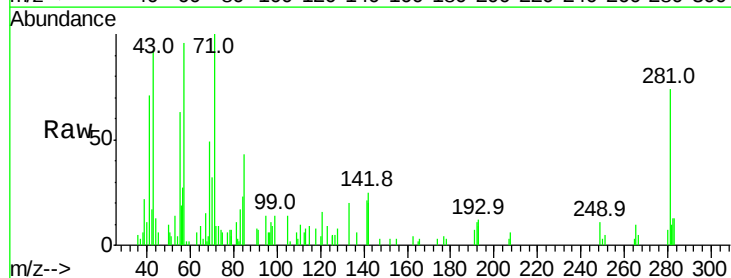
RT: 24.96 min Scan# 6895

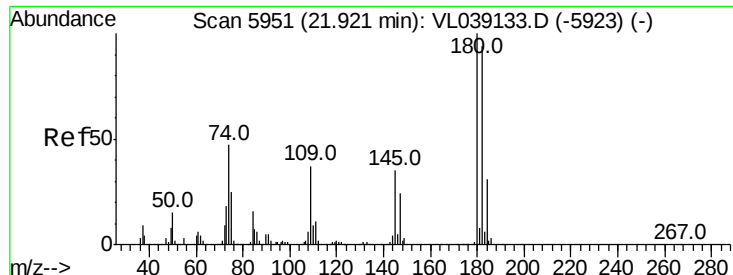
Delta R.T. -0.01 min

Lab File: VL039283.D

Acq: 14 Jun 2022 16:44

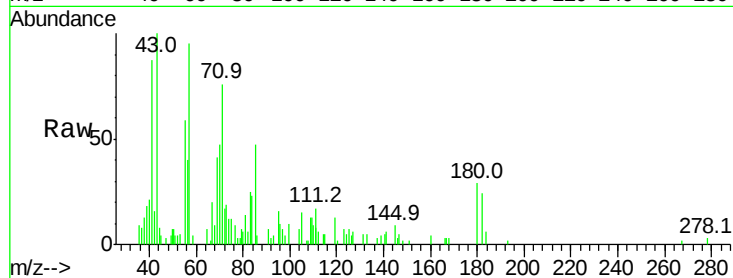
Tgt Ion:	142	Resp:	5779
Ion	Ratio	Lower	Upper
142	100		
141	93.6	64.6	96.8
115	49.5	32.7	49.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.01 ppbv
 RT: 21.92
 Delta R.T: MSVOA_1
 Lab File: ClientSampleId :
 OTC-SG-2
 Acq: 14 Jun 2022 18.44

Tgt Ion:180 Resp: 2084
 Ion Ratio Lower Upper
 180 100
 182 285.0 0.0 0.0#
 184 0.0 0.0 0.0



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

