

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
 Data File : VL039258.D
 Acq On : 13 Jun 2022 19:13
 Operator : SY/AP
 Sample : N3330-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-IAZDL

Quant Time: Jul 02 06:23:14 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	1456649	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3259817	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2722768	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2286642	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	19690	0.08	ppbv	# 83
3) Chlorodifluoromethane	3.00	51	811496	4.38	ppbv	98
4) Chloromethane	3.15	50	7702	0.08	ppbv	92
5) Vinyl Chloride	3.26	62	288	0.00	ppbv	# 88
6) Bromomethane	3.49	94	276	0.01	ppbv	# 4
7) Chloroethane	3.56	64	217	0.01	ppbv	# 45
8) Dichlorotetrafluoroethane	3.19	85	390	0.00	ppbv	87
9) Propene	3.03	41	19141	0.24	ppbv	99
10) Heptane	8.12	43	2073	0.01	ppbv	# 53
11) Trichlorofluoromethane	3.95	101	4566	0.02	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.12	101	96	0.00	ppbv	84
13) Ethanol	3.60	45	2476996	562.02	ppbv	# 100
14) Bromoethene	3.60	108	95	0.00	ppbv	# 1
15) Acetone	3.85	43	414385	2.73	ppbv	99
16) 1,3-Butadiene	3.34	39	1700	0.02	ppbv	# 1
17) tert-Butyl alcohol	4.29	59	2488	0.02	ppbv	# 1
18) 1,1-Dichloroethene	4.28	96	172	0.00	ppbv	# 20
19) Isopropyl Alcohol	3.97	45	133237	1.87	ppbv	# 86
20) Methylene Chloride	4.35	84	172603	2.70	ppbv	96
21) Allyl Chloride	4.39	41	1186	0.01	ppbv	# 20
22) trans-1,2-Dichloroethene	4.89	96	91	0.00	ppbv	# 1
23) Vinyl Acetate	5.07	43	22472	0.18	ppbv	# 61
24) 1,1-Dichloroethane	5.01	63	205	0.00	ppbv	# 89
25) Ethyl Acetate	5.68	43	678385	1.98	ppbv	97
26) Hexane	5.69	57	186824	1.24	ppbv	# 38
27) Carbon Disulfide	4.56	76	606	0.00	ppbv	# 64
28) Methyl tert-Butyl Ether	4.95	73	141	0.00	ppbv	# 1
29) Chloroform	5.77	83	3712	0.01	ppbv	85
30) Cyclohexane	7.14	84	303	0.00	ppbv	# 1
31) cis-1,2-Dichloroethene	5.68	61	61851	0.40	ppbv	# 27
32) 1,1,1-Trichloroethane	6.54	97	91	0.00	ppbv	# 35
34) 2-Butanone	5.25	43	38664	0.22	ppbv	92
35) Carbon Tetrachloride	7.03	117	831	0.00	ppbv	# 36
36) Benzene	6.90	78	13098	0.05	ppbv	# 77
37) 1,2-Dichloroethane	6.31	62	1063	0.01	ppbv	# 84
38) Trichloroethene	7.85	130	126	0.00	ppbv	# 1
39) 1,2-Dichloropropane	7.24	63	9374	0.09	ppbv	# 15
40) 1,4-Dioxane	7.83	88	165	0.00	ppbv	# 1
41) Tetrahydrofuran	6.07	42	2448	0.02	ppbv	# 35
42) Bromodichloromethane	7.80	83	60	0.00	ppbv	# 1
43) Methyl Methacrylate	8.02	69	117	0.00	ppbv	# 1

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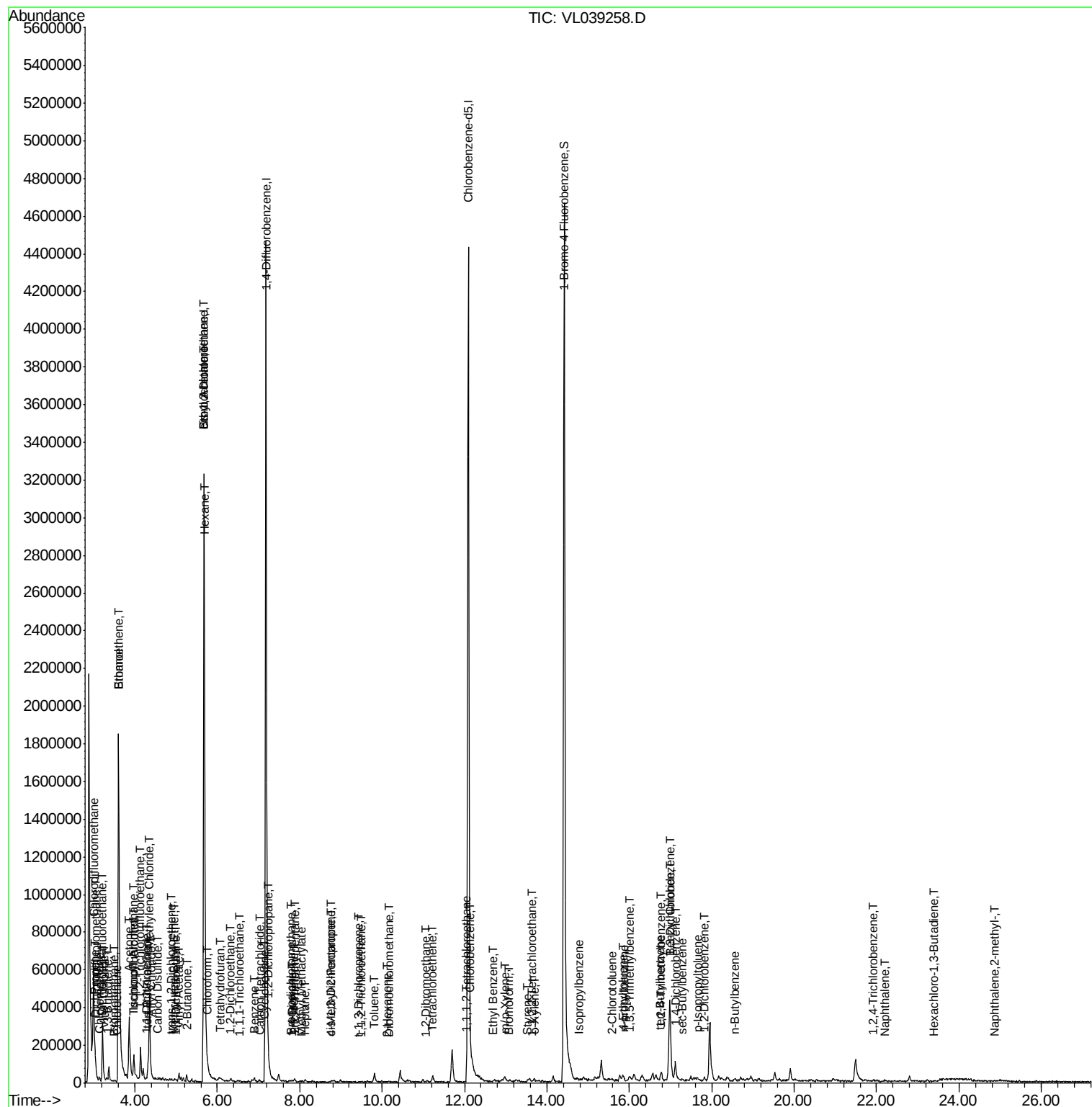
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	1437	0.00	ppbv #	1
45) t-1,3-Dichloropropene	9.43	75	120	0.00	ppbv #	44
46) cis-1,3-Dichloropropene	8.74	75	131	0.00	ppbv #	74
47) 1,1,2-Trichloroethane	9.50	97	132	0.00	ppbv #	14
48) Dibromochloromethane	10.18	129	137	0.00	ppbv	71
49) Bromoform	13.09	173	106	0.00	ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	716	0.00	ppbv #	39
51) 2-Hexanone	10.14	43	245	0.00	ppbv #	28
52) Tetrachloroethene	11.23	164	1999	0.02	ppbv #	41
53) Toluene	9.81	91	20245	0.07	ppbv #	21
54) 1,2-Dibromoethane	11.05	107	122	0.00	ppbv #	5
56) 1,1,1,2-Tetrachloroethane	12.03	131	70	0.00	ppbv #	1
57) Chlorobenzene	12.15	112	49	0.00	ppbv #	23
58) Ethyl Benzene	12.69	91	478	0.00	ppbv	97
59) m/p-Xylene	13.00	91	2085	0.01	ppbv #	33
60) o-Xylene	13.70	91	5111	0.02	ppbv #	24
61) Styrene	13.53	104	1515	0.01	ppbv #	5
62) Isopropylbenzene	14.76	105	118	0.00	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.63	83	74	0.00	ppbv #	1
64) n-propylbenzene	15.87	120	188	0.00	ppbv	74
65) tert-Butylbenzene	16.74	119	476	0.00	ppbv #	17
66) Benzyl Chloride	17.00	91	166	0.00	ppbv #	1
67) sec-Butylbenzene	17.29	105	310	0.00	ppbv #	59
69) p-Isopropyltoluene	17.65	119	3672	0.01	ppbv #	47
70) n-Butylbenzene	18.55	91	605	0.00	ppbv #	33
71) 2-Chlorotoluene	15.58	91	561	0.00	ppbv	96
72) 4-Ethyltoluene	15.85	105	2372	0.01	ppbv #	39
73) 1,3,5-Trimethylbenzene	16.00	105	3983	0.01	ppbv #	75
74) 1,2,4-Trimethylbenzene	16.76	105	11591	0.03	ppbv #	68
75) 1,3-Dichlorobenzene	17.00	146	369	0.00	ppbv #	23
76) 1,4-Dichlorobenzene	17.14	146	386	0.00	ppbv #	1
77) 1,2-Dichlorobenzene	17.82	146	83	0.00	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.39	225	152	0.00	ppbv #	34
79) Naphthalene	22.20	128	610	0.00	ppbv #	69
80) Naphthalene,2-methyl-	24.86	142	190	0.00	ppbv #	48
81) 1,2,4-Trichlorobenzene	21.92	180	223	0.00	ppbv #	100

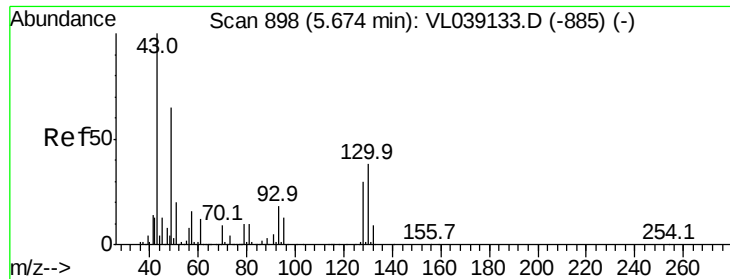
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Jun 2022 19:13

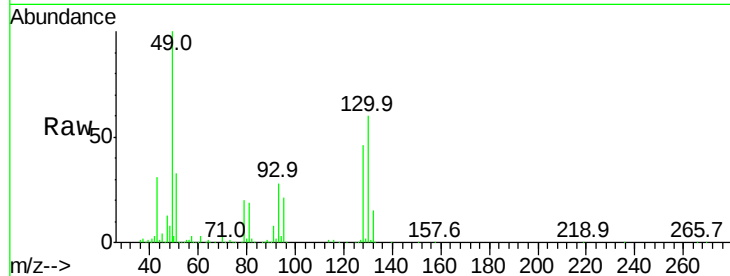
Tgt Ion: 49 Resp: 1456649

Ion Ratio Lower Upper

49 100

128 48.6 24.7 74.1

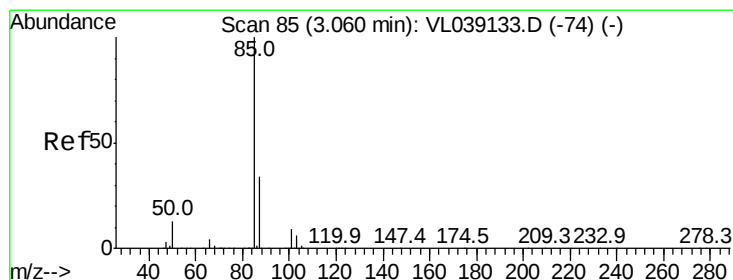
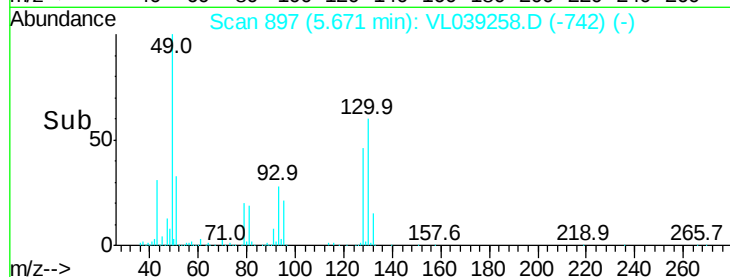
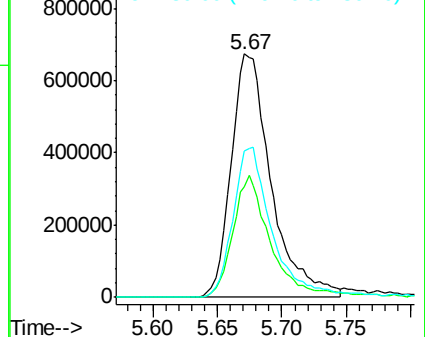
130 61.9 31.4 94.0



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



#2

Dichlorodifluoromethane

Concen: 0.08 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039258.D

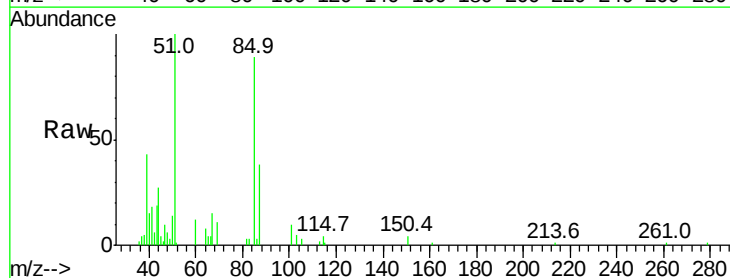
Acq: 13 Jun 2022 19:13

Tgt Ion: 85 Resp: 19690

Ion Ratio Lower Upper

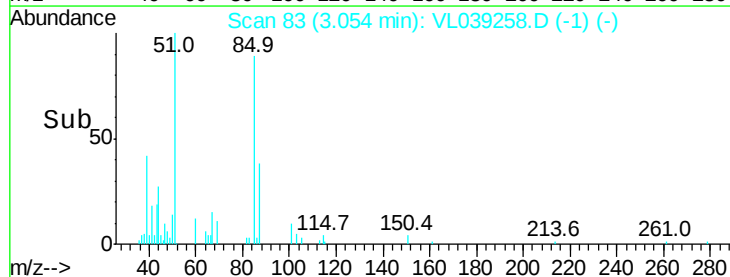
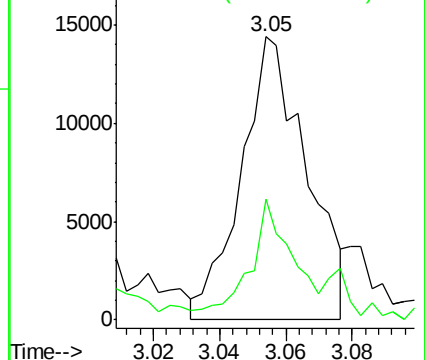
85 100

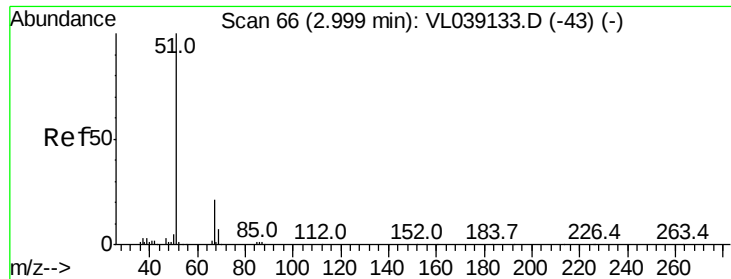
87 43.3 26.9 40.3#



Abundance Ion 85.00 (84.70 to 85.70): VL0

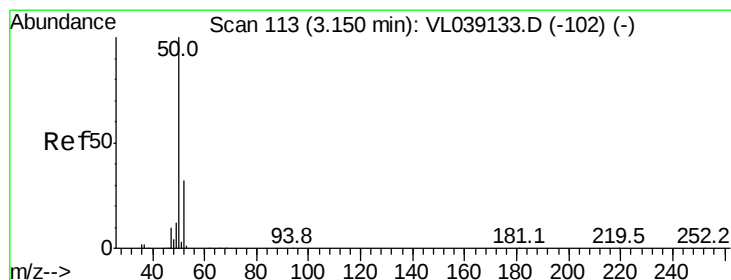
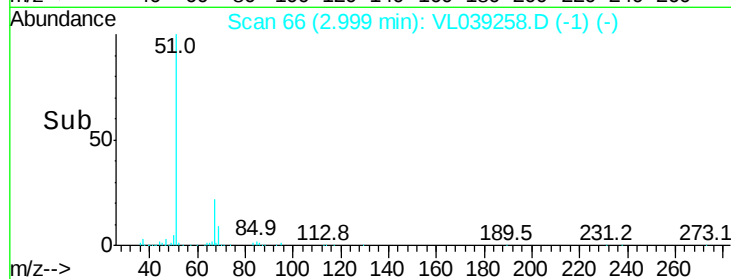
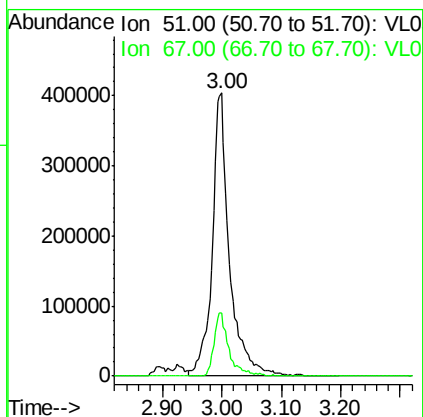
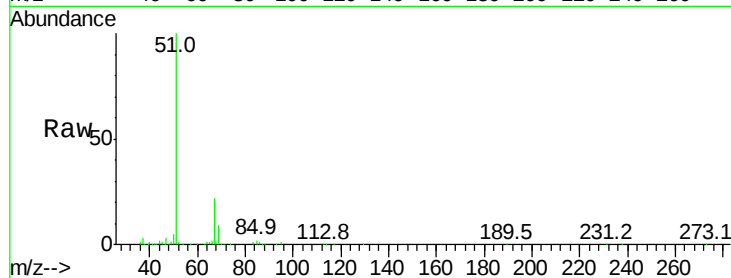
Ion 87.00 (86.70 to 87.70): VL0





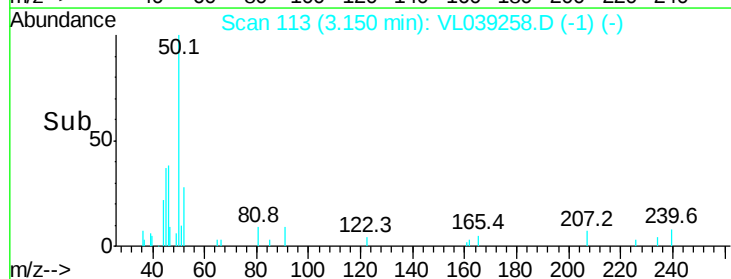
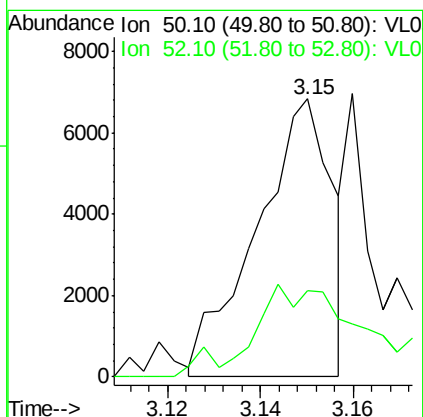
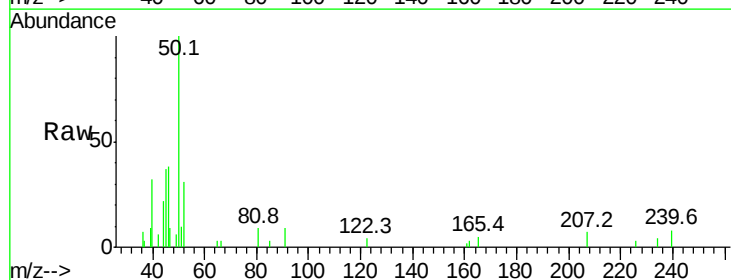
#3
Chlorodifluoromethane
Concen: 4.38 ppbv
RT: 3.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 19:13

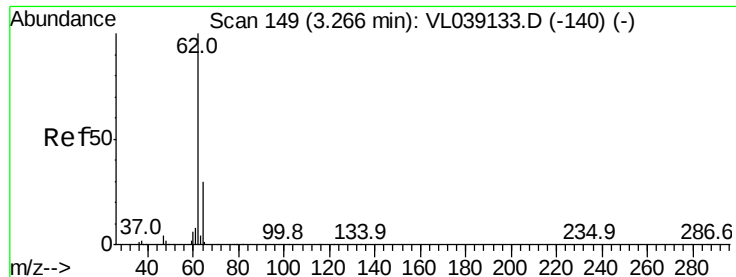
Tgt Ion: 51 Resp: 811496
Ion Ratio Lower Upper
51 100
67 19.5 16.2 24.4



#4
Chloromethane
Concen: 0.08 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion: 50 Resp: 7702
Ion Ratio Lower Upper
50 100
52 28.1 25.9 38.9





#5

Vinyl Chloride

Concen: 0.00 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

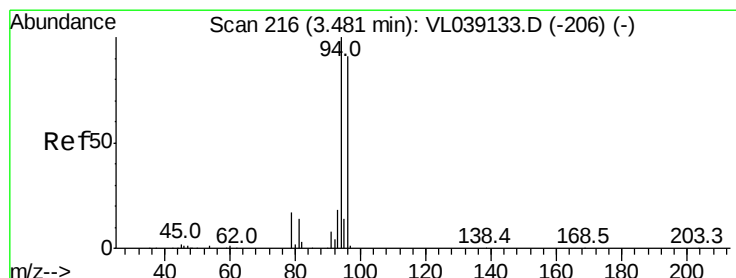
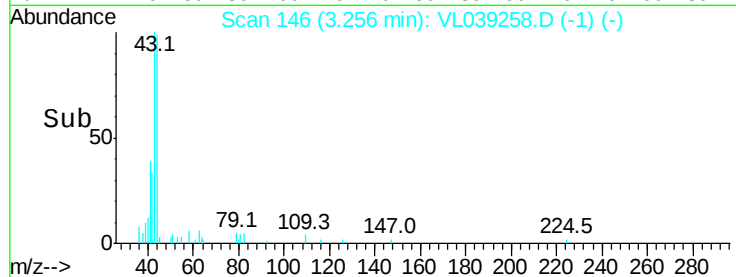
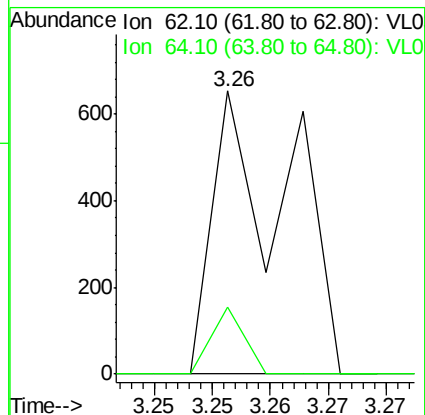
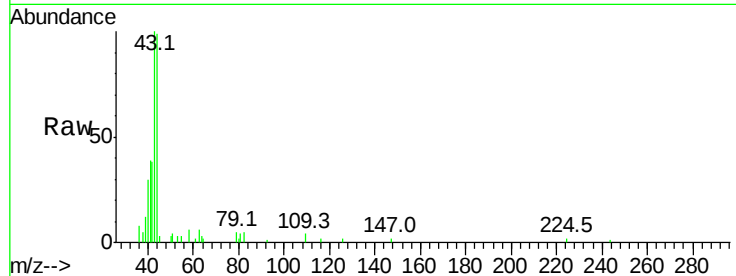
Acq: 13 Jun 2022 19:13

Tgt Ion: 62 Resp: 288

Ion Ratio Lower Upper

62 100

64 23.7 24.2 36.2#



#6

Bromomethane

Concen: 0.01 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL039258.D

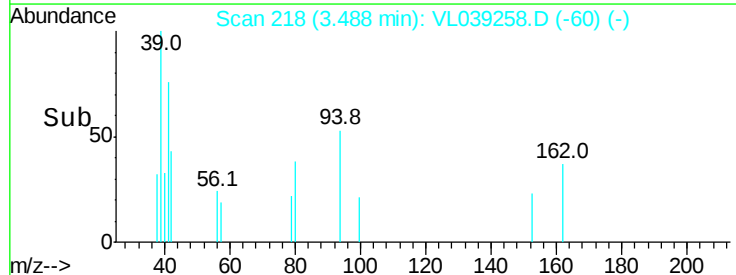
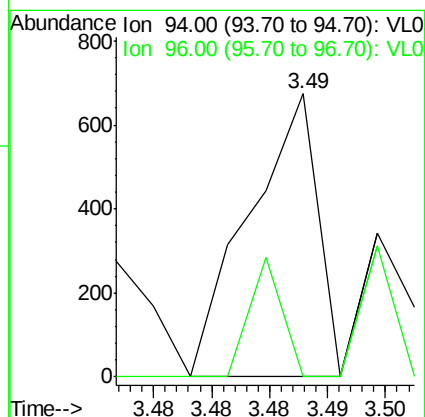
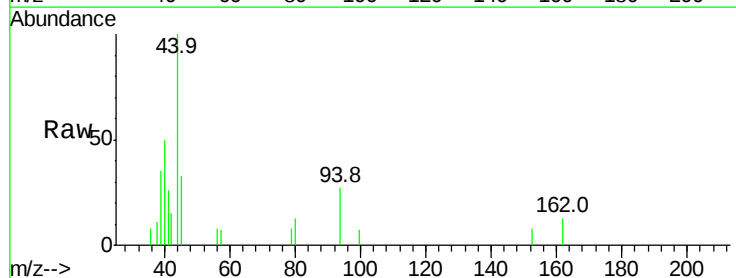
Acq: 13 Jun 2022 19:13

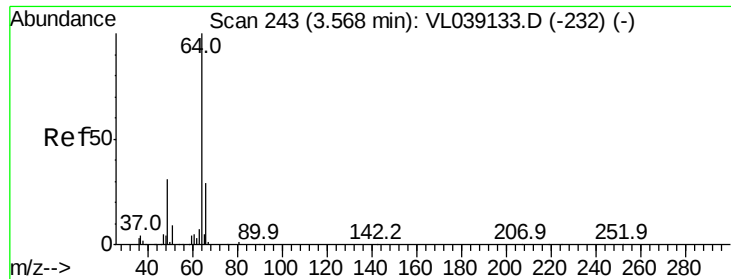
Tgt Ion: 94 Resp: 276

Ion Ratio Lower Upper

94 100

96 0.0 73.0 109.4#





#7

Chloroethane

Concen: 0.01 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

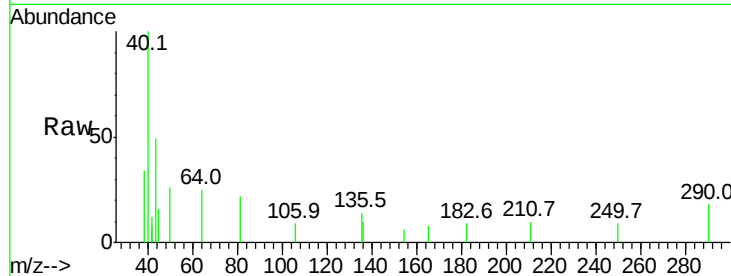
Acq: 13 Jun 2022 19:13

Tgt Ion: 64 Resp: 217

Ion Ratio Lower Upper

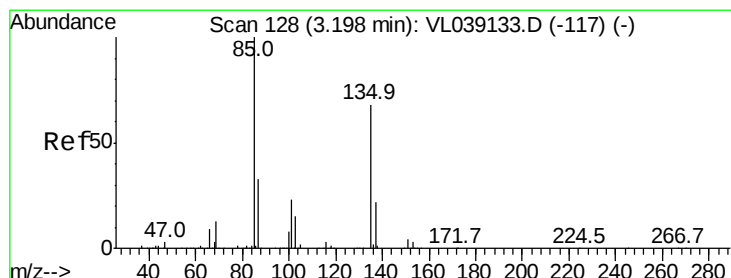
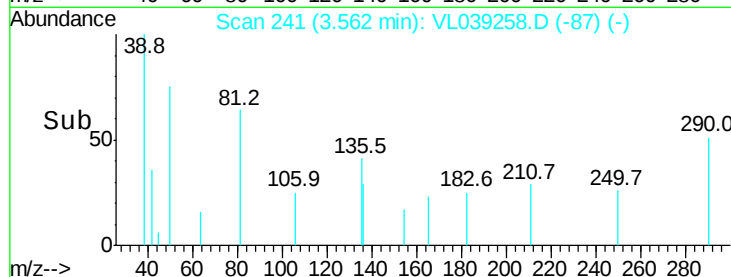
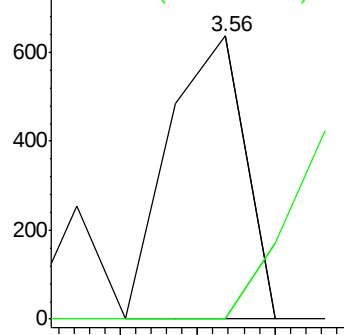
64 100

66 0.0 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: 0.00 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.01 min

Lab File: VL039258.D

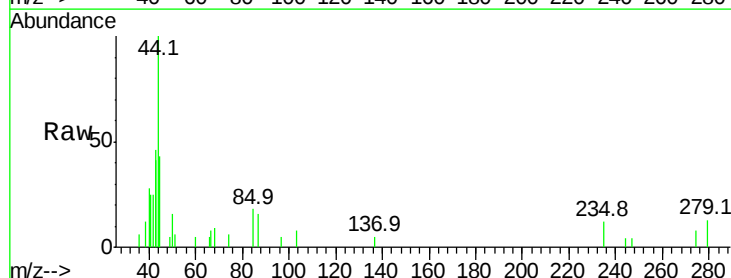
Acq: 13 Jun 2022 19:13

Tgt Ion: 85 Resp: 390

Ion Ratio Lower Upper

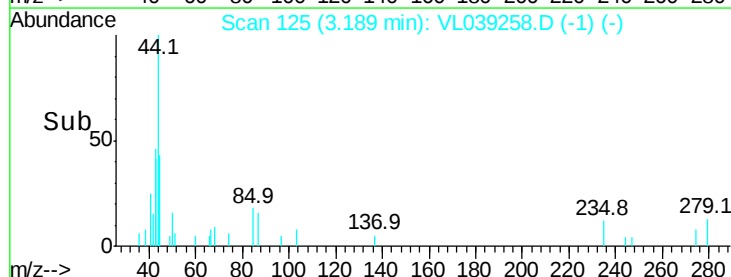
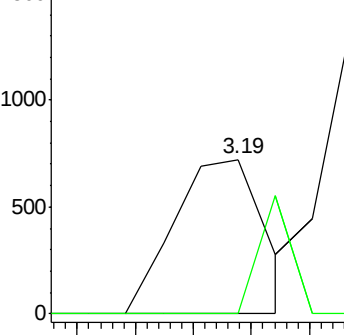
85 100

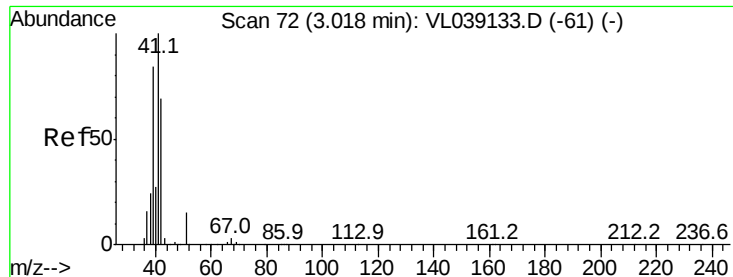
135 79.5 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.24 ppbv

RT: 3.03 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId:

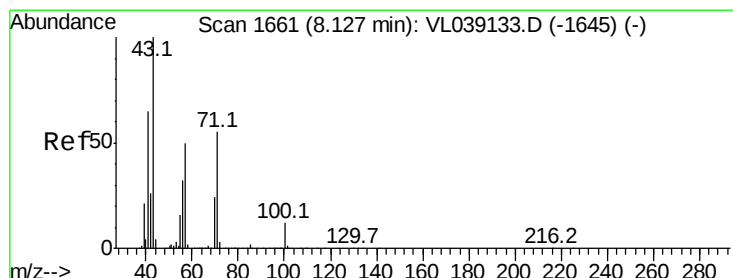
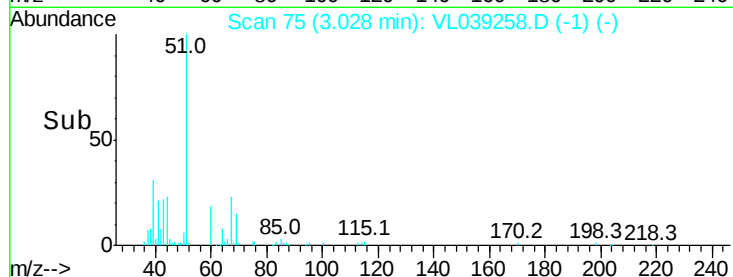
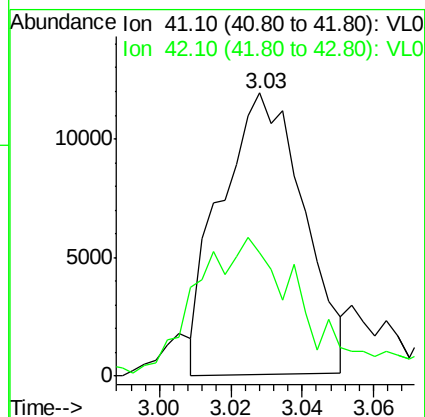
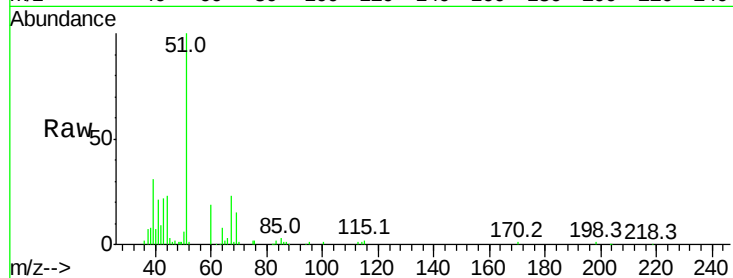
Acq: 13 Jun 2022 19:13

Tgt Ion: 41 Resp: 19141

Ion Ratio Lower Upper

41 100

42 68.3 55.4 83.2



#10

Heptane

Concen: 0.01 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL039258.D

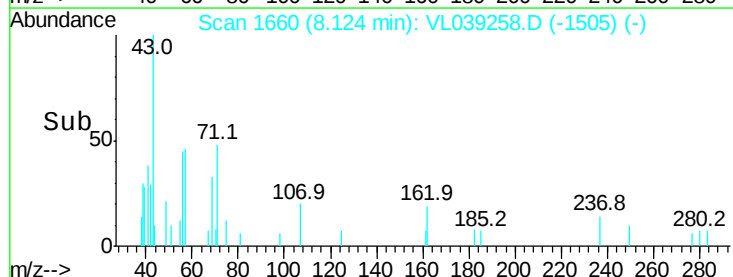
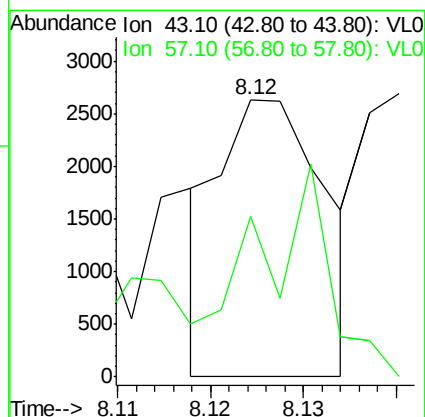
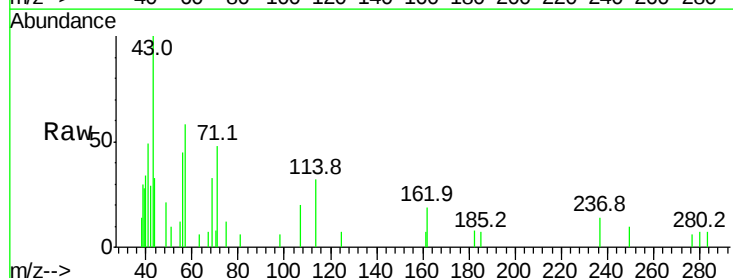
Acq: 13 Jun 2022 19:13

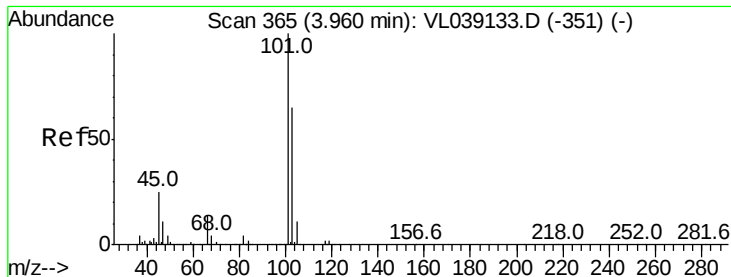
Tgt Ion: 43 Resp: 2073

Ion Ratio Lower Upper

43 100

57 84.9 41.4 62.2#





#11

Trichlorofluoromethane

Concen: 0.02 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

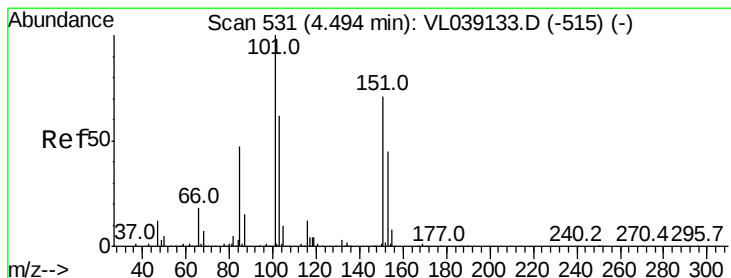
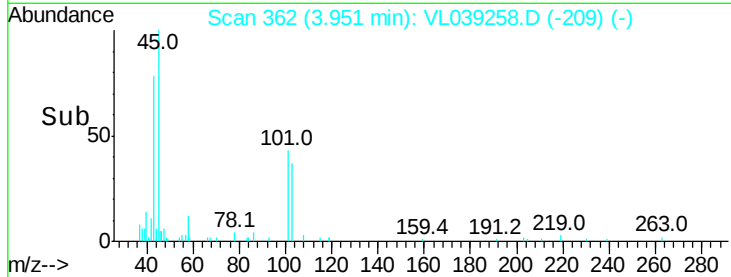
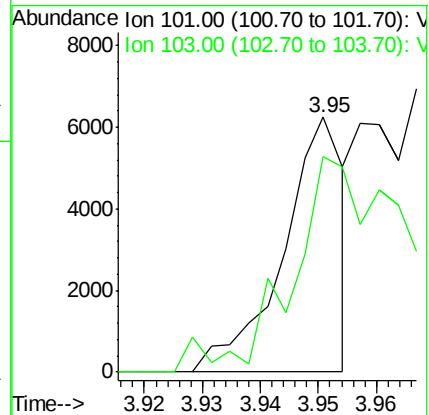
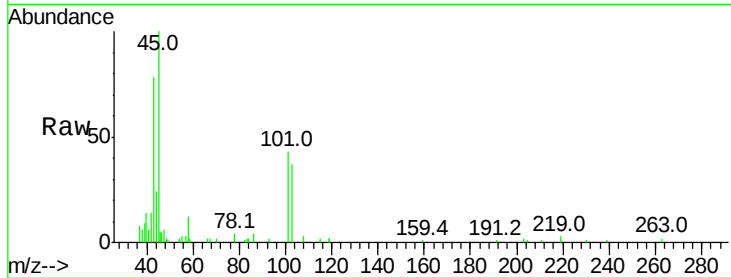
Acq: 13 Jun 2022 19:13 OTC-IAZDL

Tgt Ion:101 Resp: 4566

Ion Ratio Lower Upper

101 100

103 70.8 51.7 77.5



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.00 ppbv

RT: 4.12 min Scan# 415

Delta R.T. -0.37 min

Lab File: VL039258.D

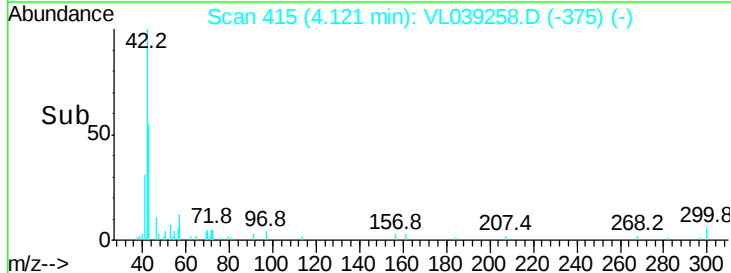
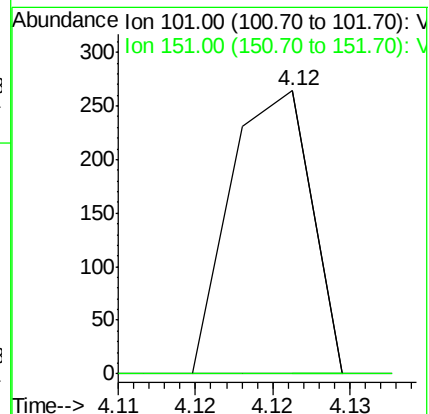
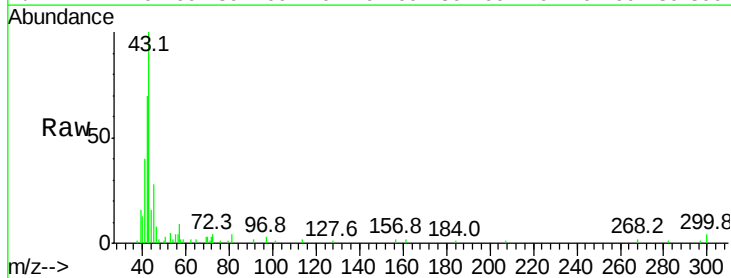
Acq: 13 Jun 2022 19:13

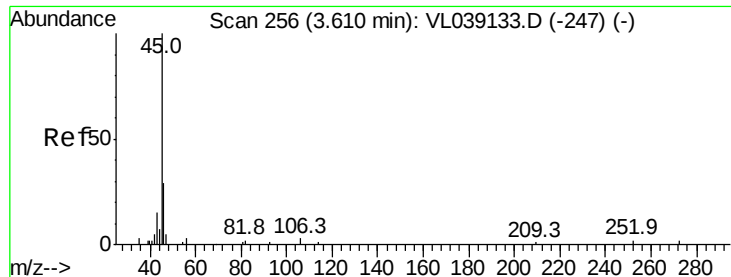
Tgt Ion:101 Resp: 96

Ion Ratio Lower Upper

101 100

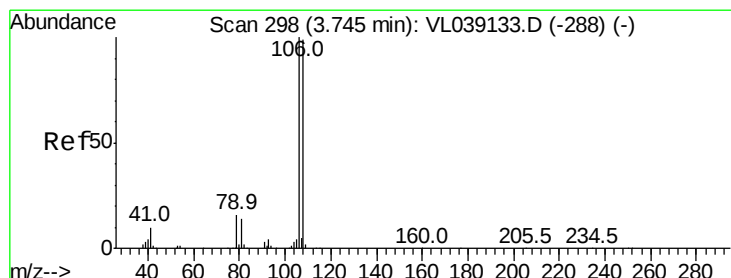
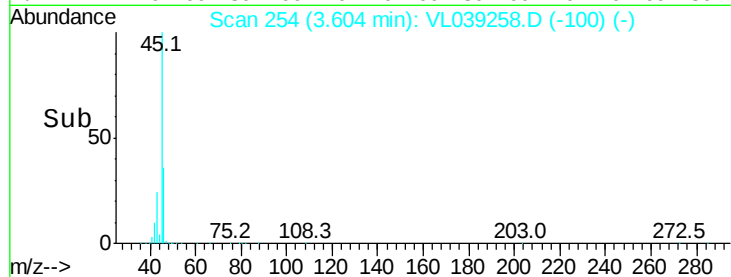
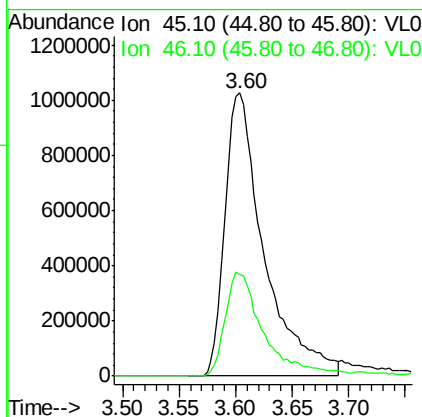
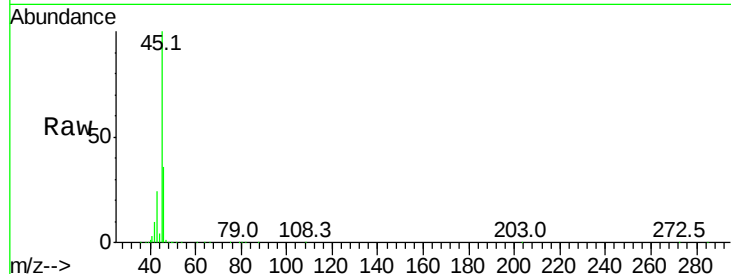
151 87.5 59.4 89.0





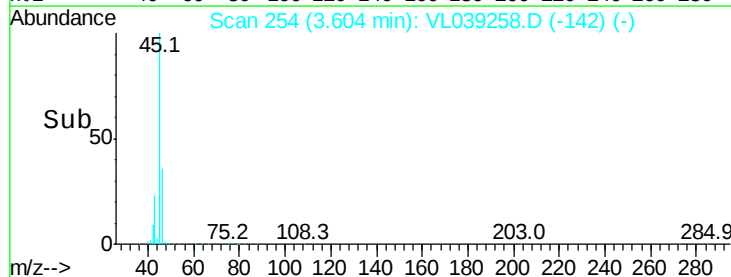
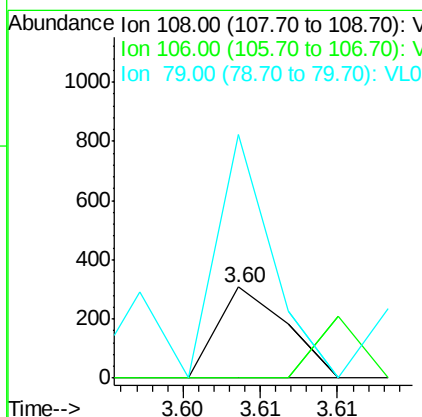
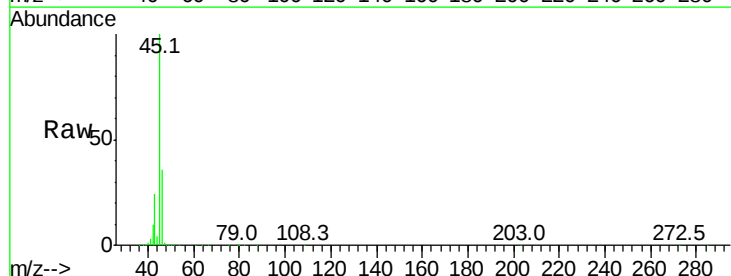
#13
 Ethanol
 Concen: 562.02 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 19:13

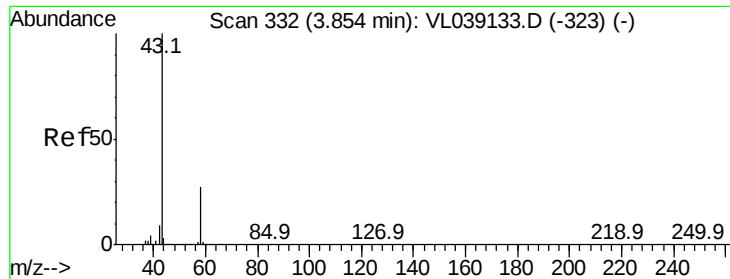
Tgt Ion: 45 Resp: 2476996
 Ion Ratio Lower Upper
 45 100
 46 37.1 0.0 0.0#



#14
 Bromoethene
 Concen: 0.00 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. -0.14 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

Tgt Ion: 108 Resp: 95
 Ion Ratio Lower Upper
 108 100
 106 43.2 88.4 132.6#
 79 468.4 13.4 20.2#





#15

Acetone

Concen: 2.73 ppbv

RT: 3.85 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId:

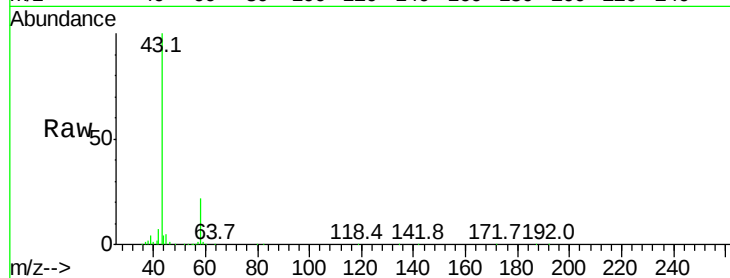
Acq: 13 Jun 2022 19:13

Tgt Ion: 43 Resp: 414385

Ion Ratio Lower Upper

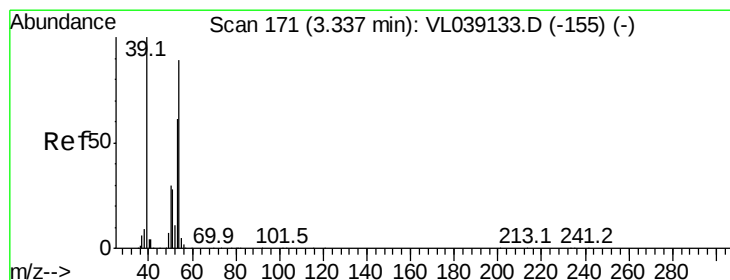
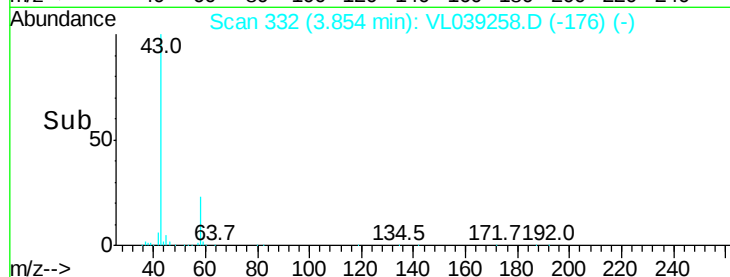
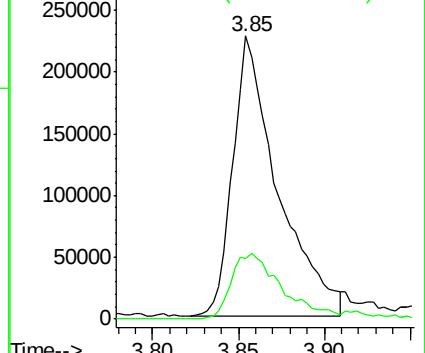
43 100

58 28.4 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.02 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.00 min

Lab File: VL039258.D

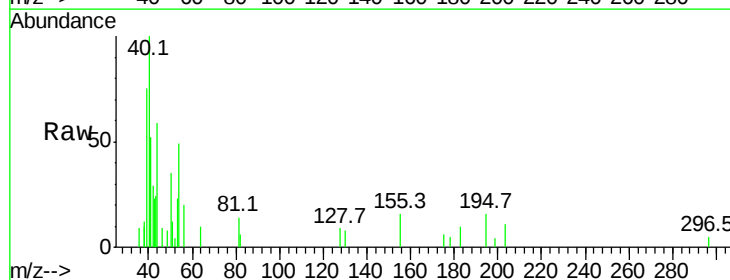
Acq: 13 Jun 2022 19:13

Tgt Ion: 39 Resp: 1700

Ion Ratio Lower Upper

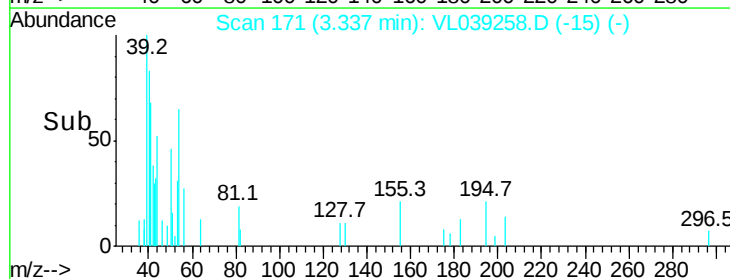
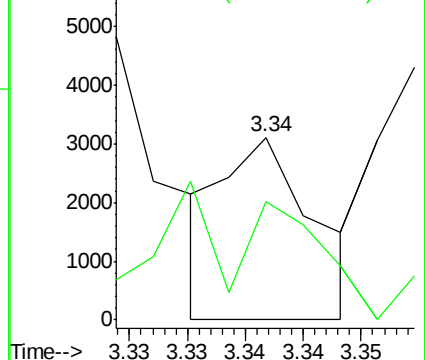
39 100

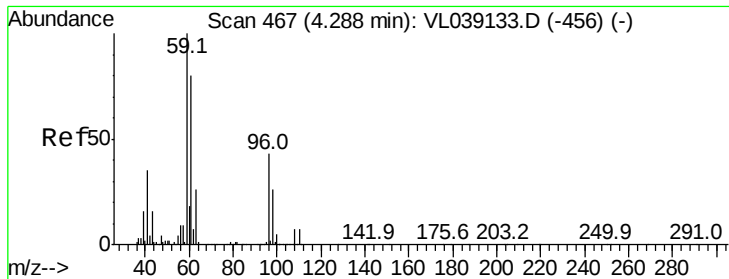
54 186.4 65.8 98.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.02 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

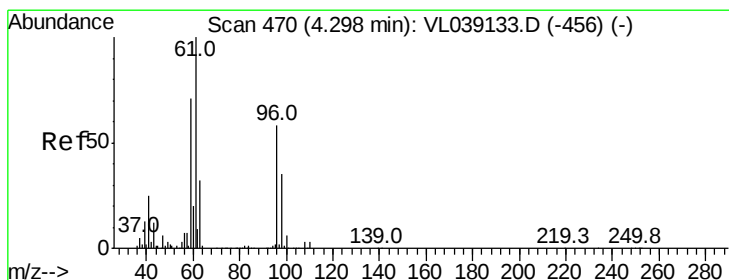
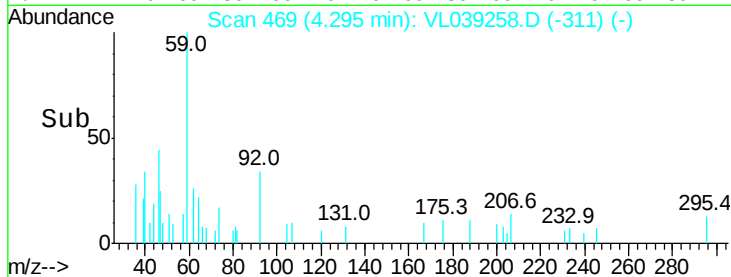
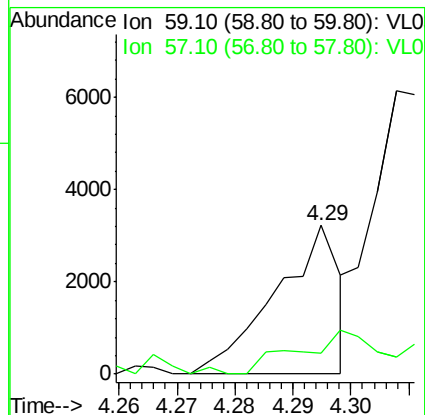
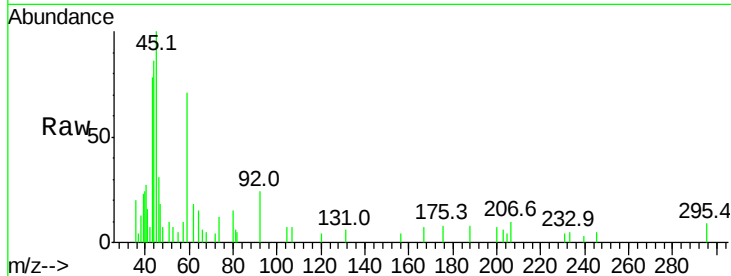
Acq: 13 Jun 2022 19:13

Tgt Ion: 59 Resp: 2488

Ion Ratio Lower Upper

59 100

57 74.2 9.1 13.7#



#18

1,1-Dichloroethene

Concen: 0.00 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.02 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

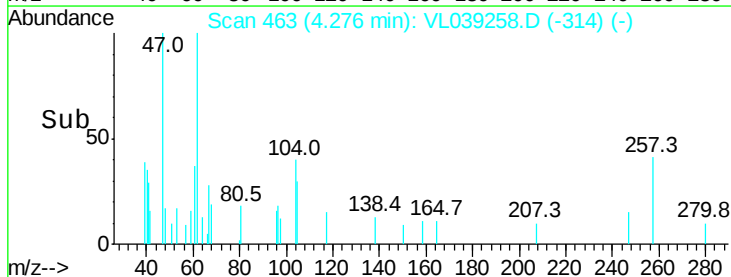
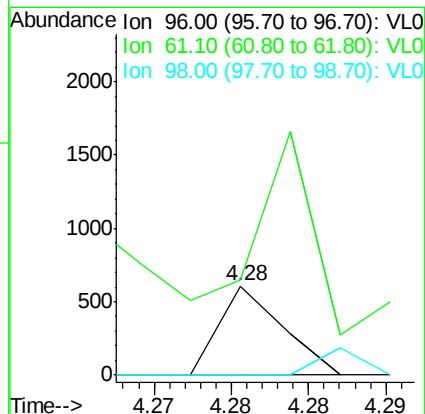
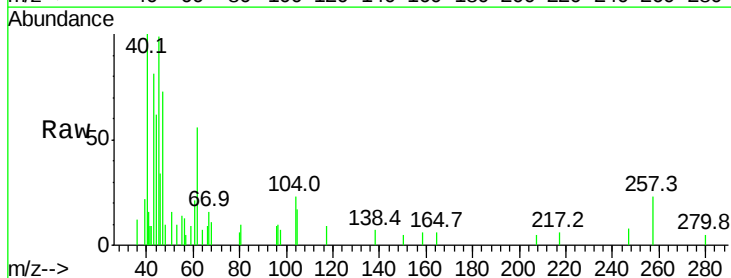
Tgt Ion: 96 Resp: 172

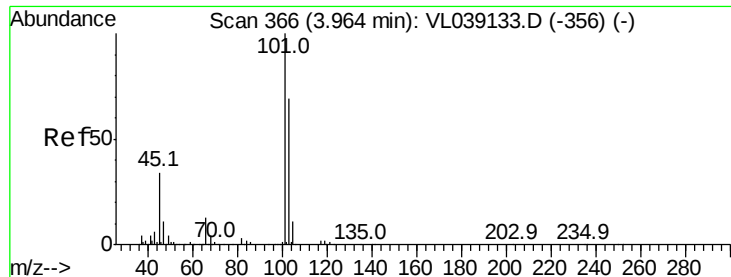
Ion Ratio Lower Upper

96 100

61 61.3 138.4 207.6#

98 0.0 47.8 71.8#





#19

Isopropyl Alcohol

Concen: 1.87 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

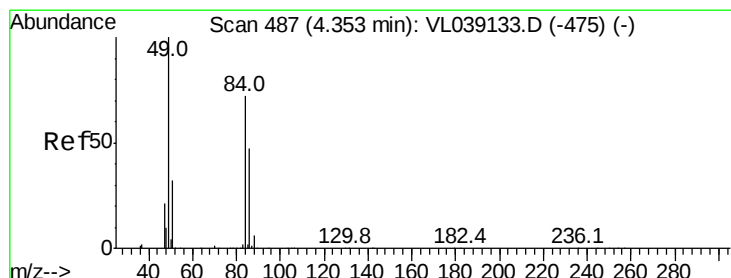
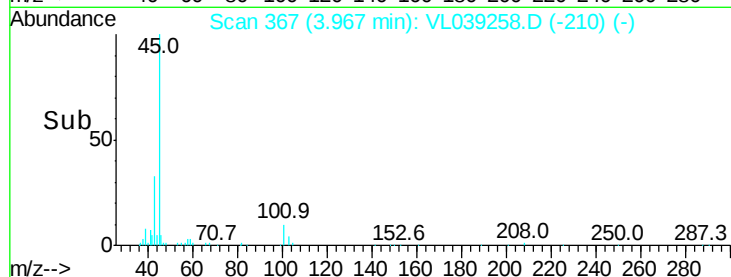
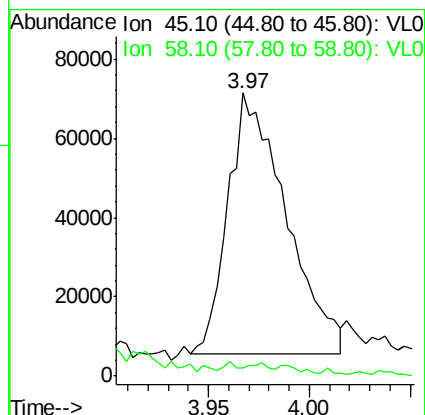
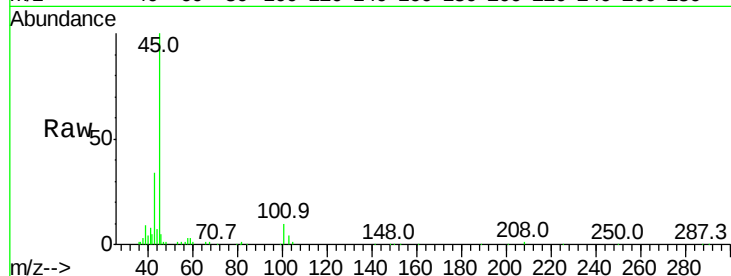
Acq: 13 Jun 2022 19:13 OTC-IAZDL

Tgt Ion: 45 Resp: 133237

Ion Ratio Lower Upper

45 100

58 7.2 1.8 2.8#



#20

Methylene Chloride

Concen: 2.70 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

Tgt Ion: 84 Resp: 172603

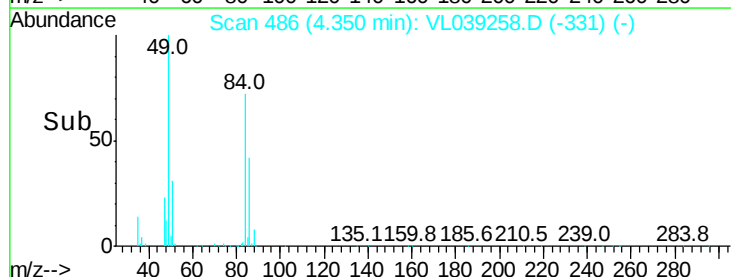
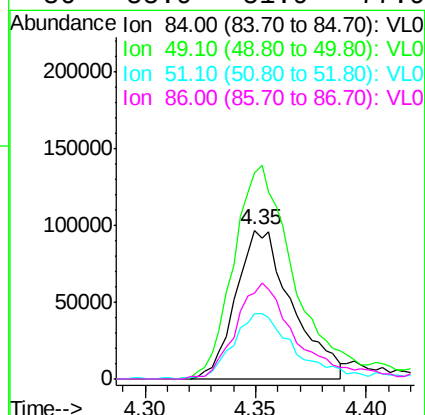
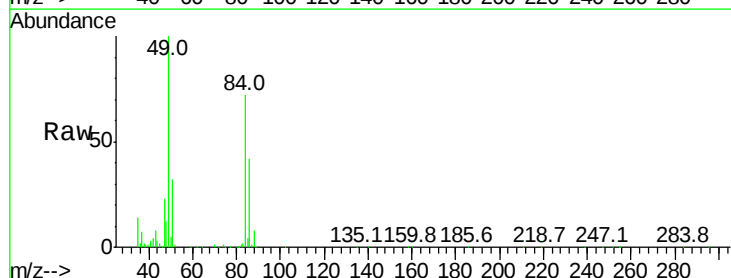
Ion Ratio Lower Upper

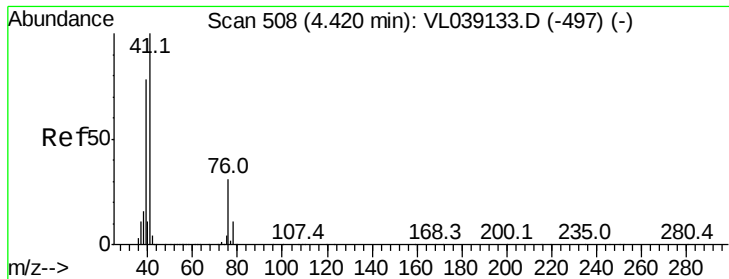
84 100

49 137.3 111.1 166.7

51 42.9 35.3 52.9

86 55.9 51.9 77.9





#21

Allyl Chloride

Concen: 0.01 ppbv

RT: 4.39 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13 OTC-IAZDL

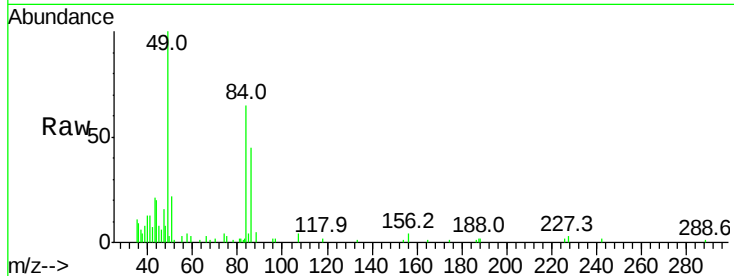
Tgt Ion: 41 Resp: 1186

Ion Ratio Lower Upper

41 100

76 0.0 24.2 36.2#

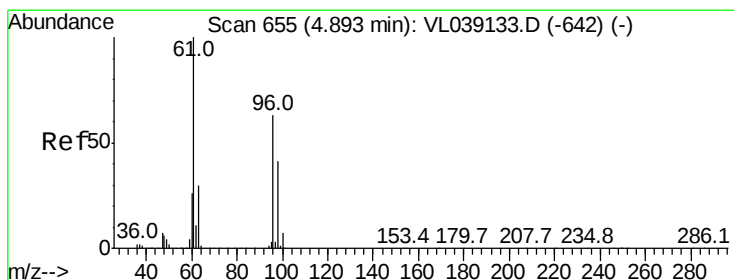
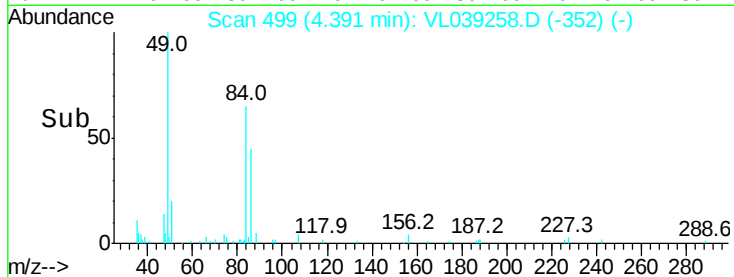
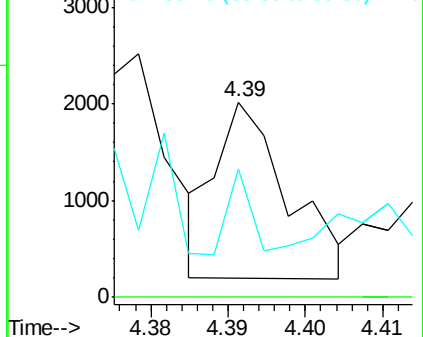
39 0.0 62.2 93.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 0.00 ppbv

RT: 4.89 min Scan# 655

Delta R.T. 0.00 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

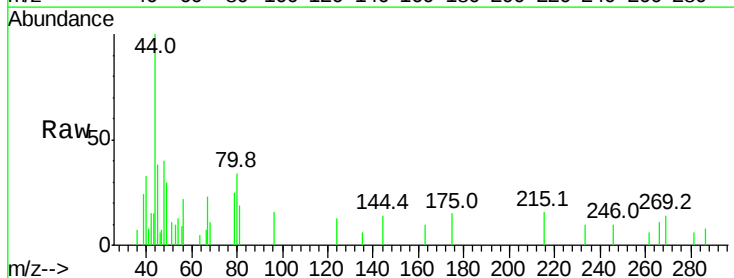
Tgt Ion: 96 Resp: 91

Ion Ratio Lower Upper

96 100

61 0.0 126.6 190.0#

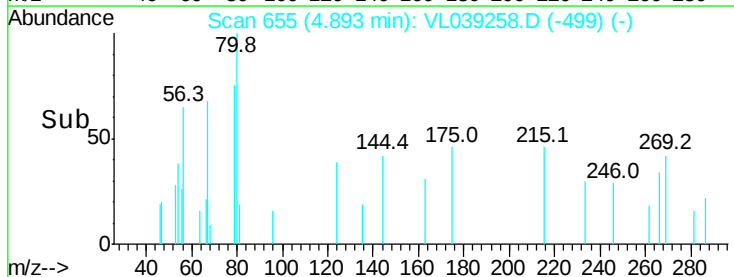
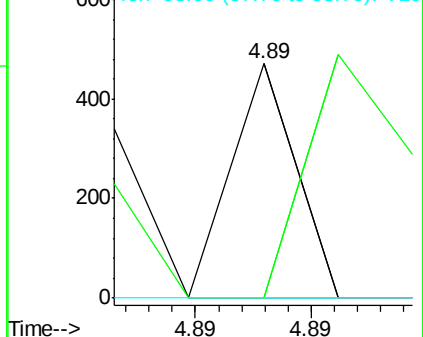
98 0.0 52.5 78.7#

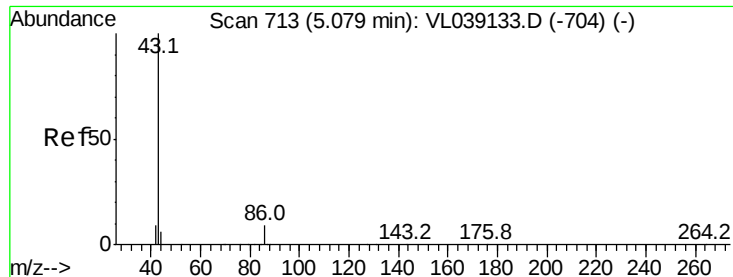


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

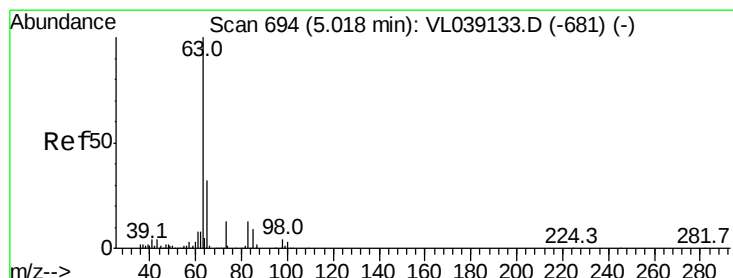
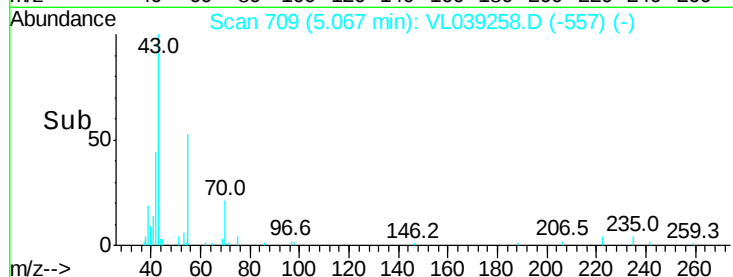
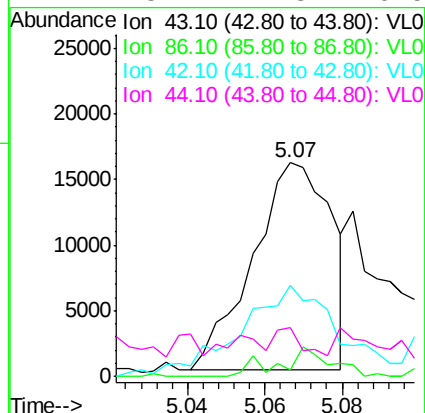
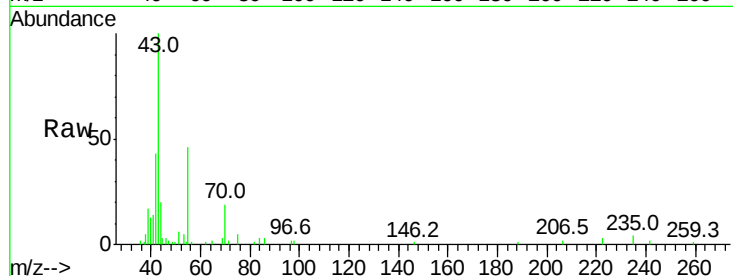
Ion 98.00 (97.70 to 98.70): VL0





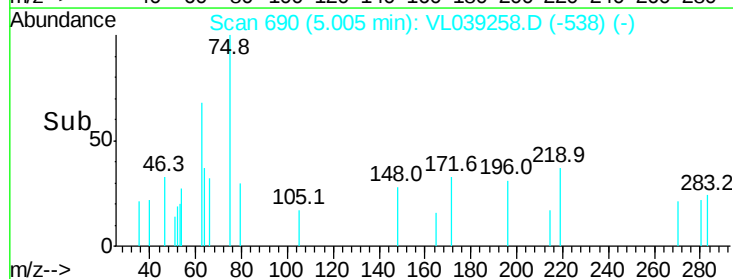
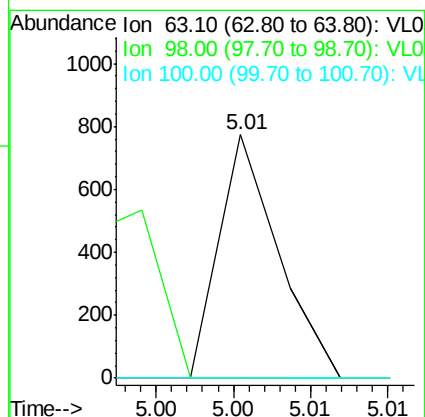
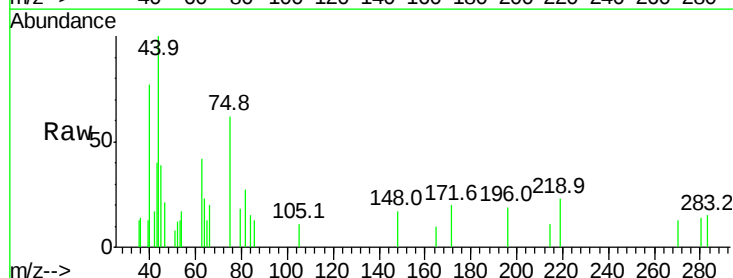
#23
 Vinyl Acetate
 Concen: 0.18 ppbv
 RT: 5.07
 Delta R.T. MSVOA.L
 Lab File: ClientSampleId:
 Acq: 13 Jun 2022 19:13

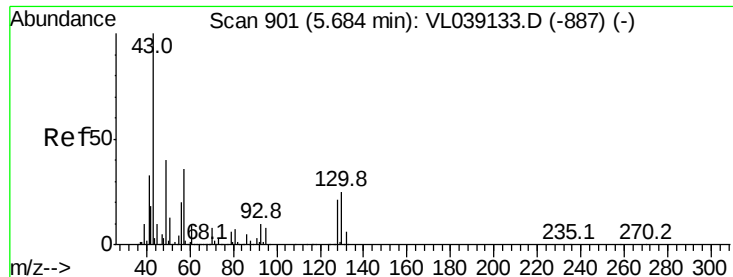
Tgt Ion:	43	Resp:	22472
Ion	Ratio	Lower	Upper
43	100		
86	2.9	6.0	9.0#
42	38.5	8.2	12.4#
44	3.4	4.3	6.5#



#24
 1,1-Dichloroethane
 Concen: 0.00 ppbv
 RT: 5.01 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

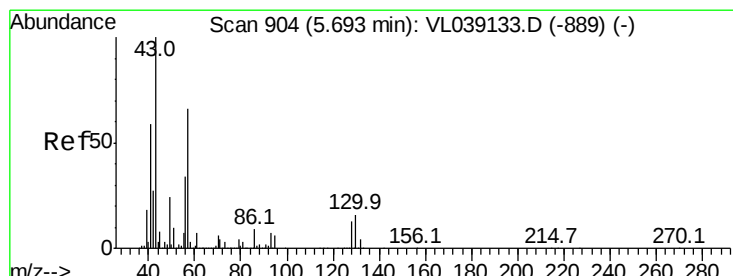
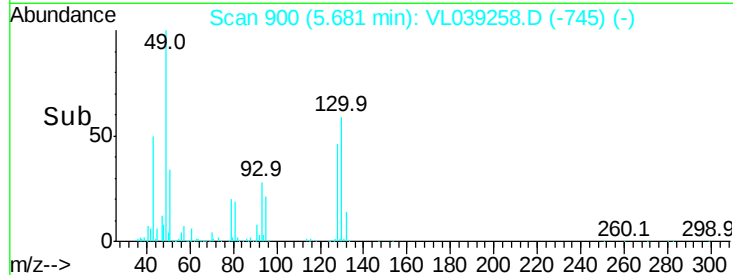
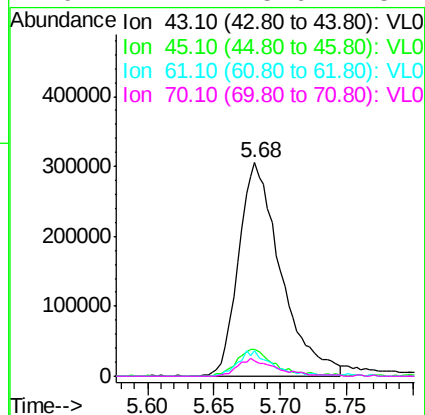
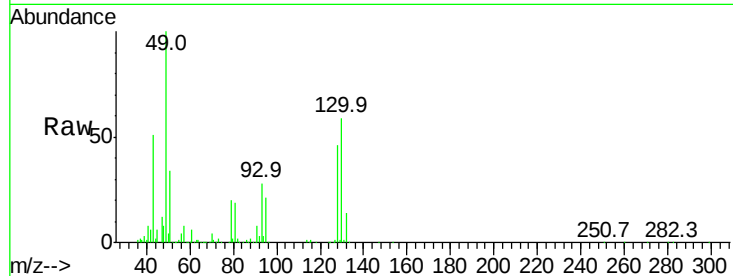
Tgt Ion:	63	Resp:	205
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.5	4.5#





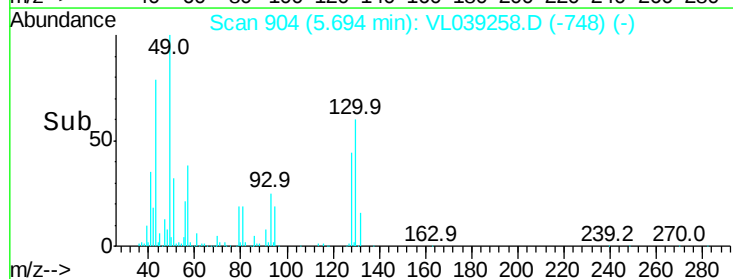
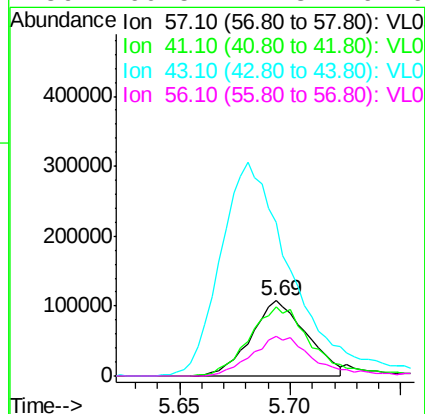
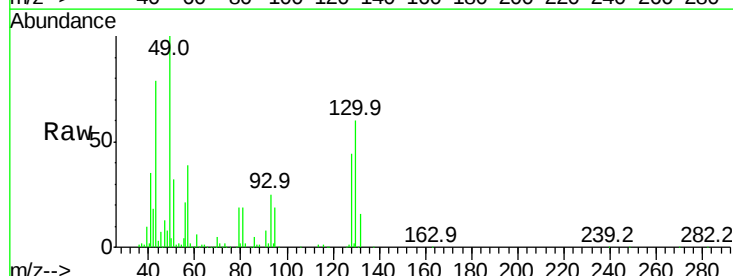
#25
Ethyl Acetate
Concen: 1.98 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 19:13

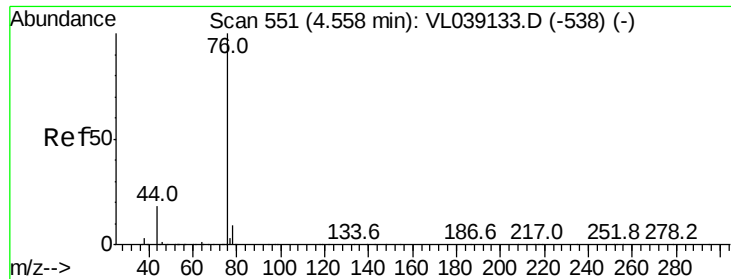
Tgt Ion:	43	Resp:	678385
Ion	Ratio	Lower	Upper
43	100		
45	12.0	8.2	12.2
61	9.6	8.4	12.6
70	7.7	5.6	8.4



#26
Hexane
Concen: 1.24 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion:	57	Resp:	186824
Ion	Ratio	Lower	Upper
57	100		
41	107.4	72.4	108.6
43	383.4	187.0	280.6#
56	60.5	41.8	62.6





#27

Carbon Disulfide

Concen: 0.00 ppbv

RT: 4.56 Instrument: MSVOA_1

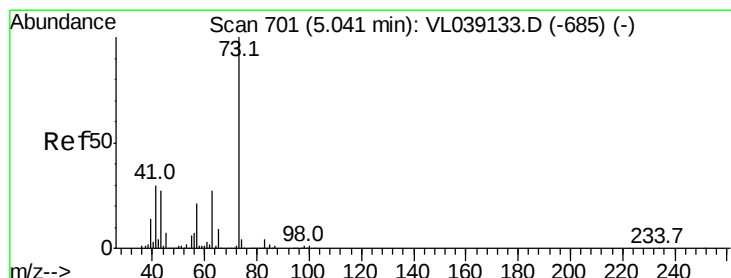
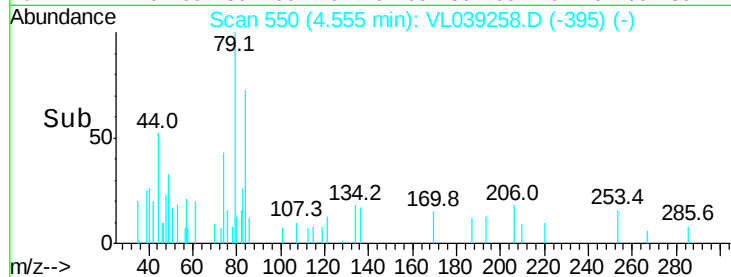
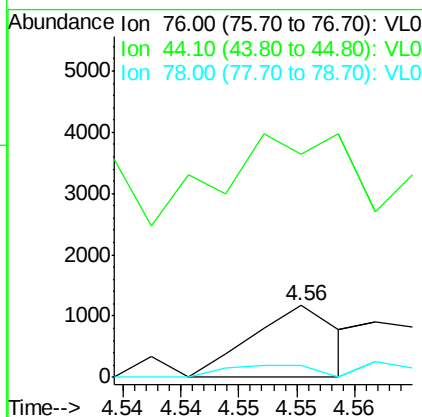
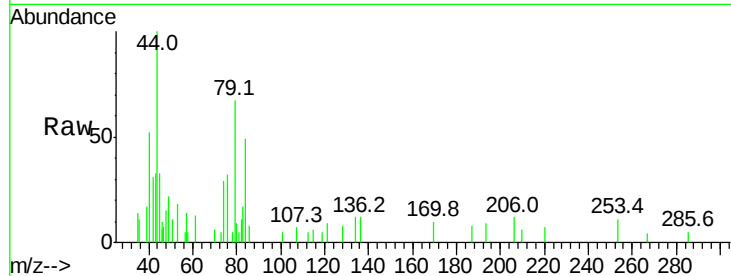
Delta R.T. ClientSampleId:

Lab File: OTC-IAZDL

Acq: 13 Jun 2022 19:13

Tgt Ion: 76 Resp: 606

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.4	21.6#
78	0.0	7.7	11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.00 ppbv

RT: 4.95 min Scan# 674

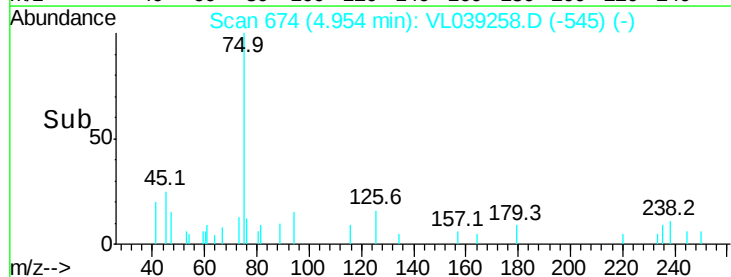
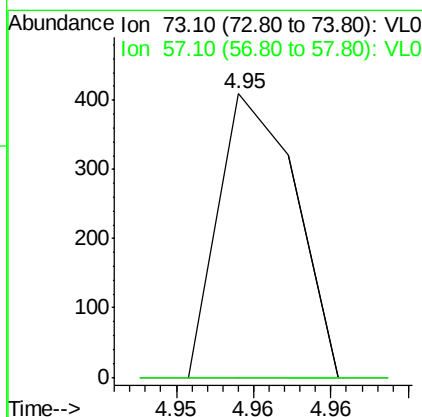
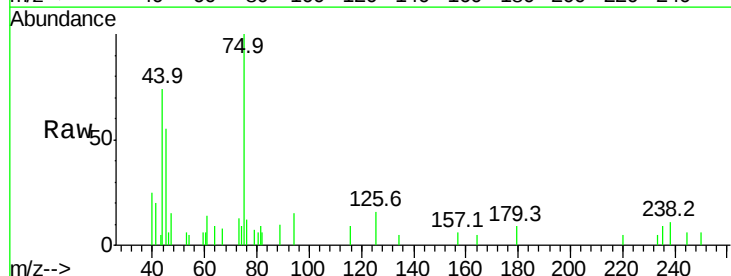
Delta R.T. -0.09 min

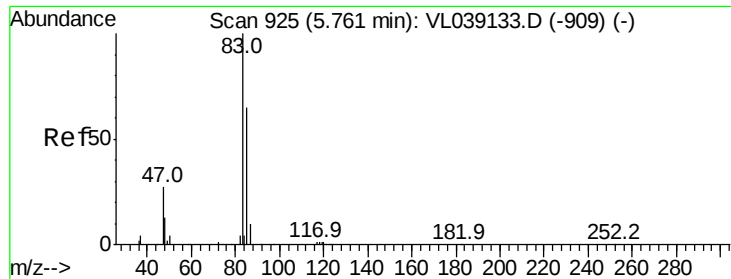
Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

Tgt Ion: 73 Resp: 141

Ion	Ratio	Lower	Upper
73	100		
57	190.8	18.6	27.8#





#29

Chloroform

Concen: 0.01 ppbv

RT: 5.77 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

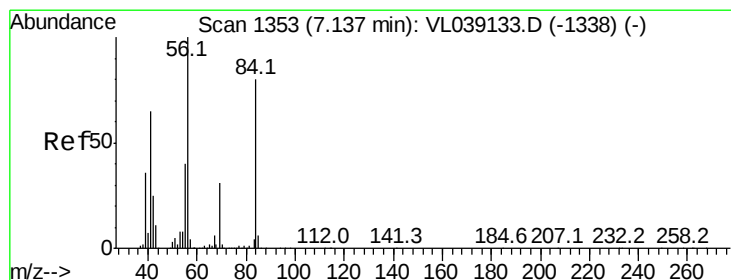
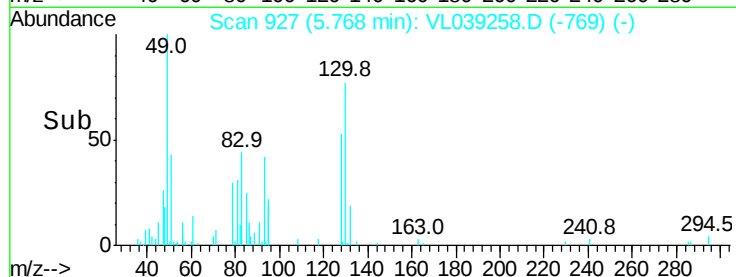
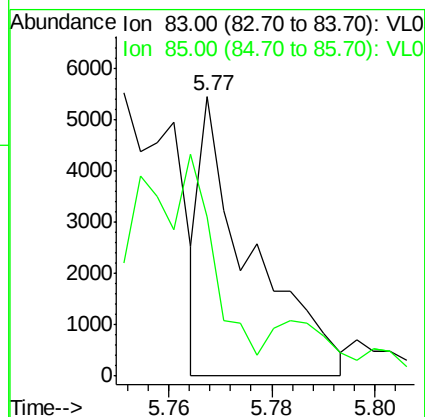
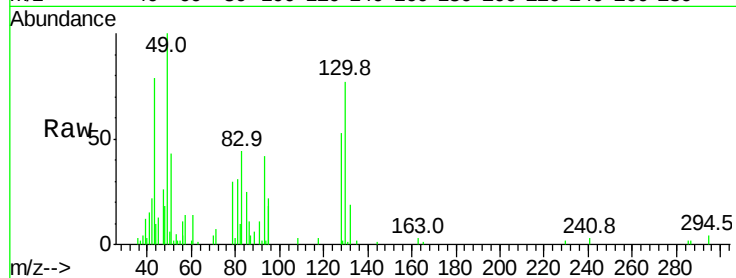
Acq: 13 Jun 2022 19:13 OTC-IAZDL

Tgt Ion: 83 Resp: 3712

Ion Ratio Lower Upper

83 100

85 53.2 52.4 78.6



#30

Cyclohexane

Concen: 0.00 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.00 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

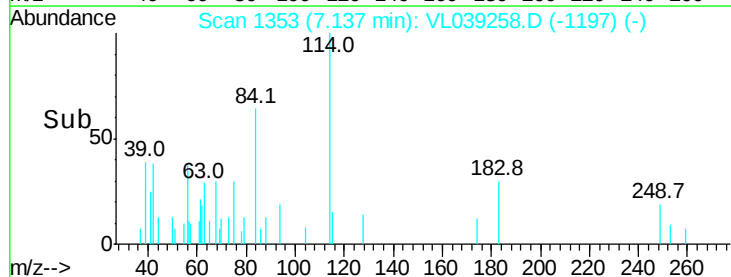
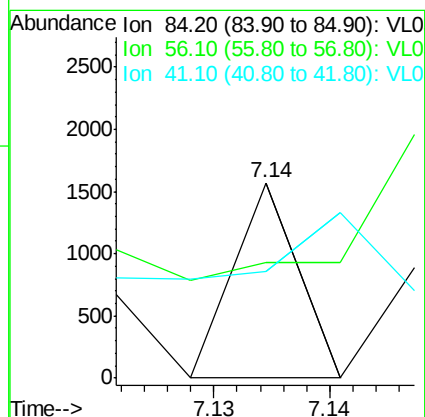
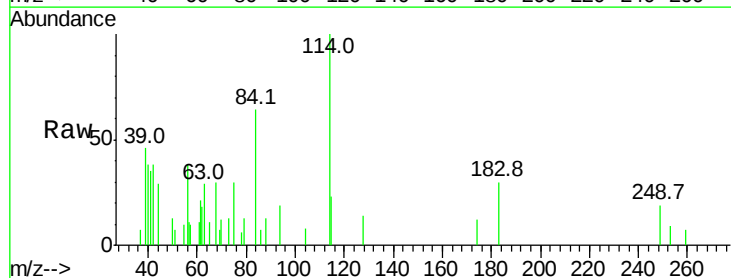
Tgt Ion: 84 Resp: 303

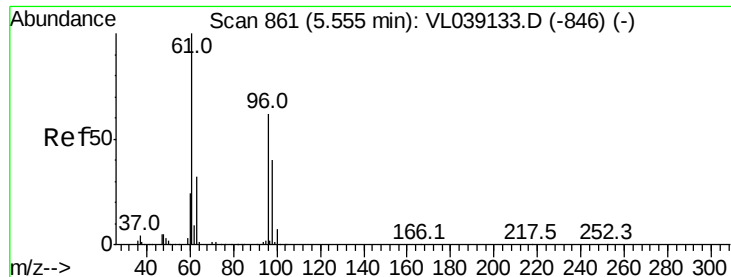
Ion Ratio Lower Upper

84 100

56 0.0 110.6 165.8#

41 749.2 68.9 103.3#





#31

cis-1,2-Dichloroethene

Concen: 0.40 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13

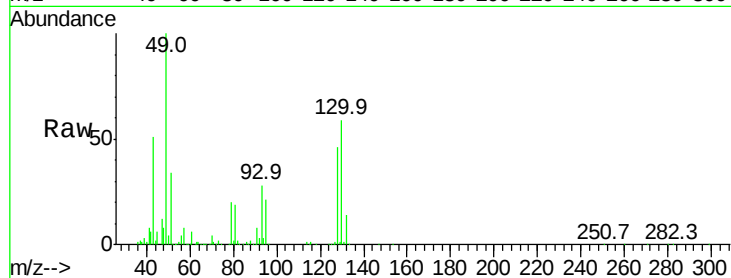
Tgt Ion: 61 Resp: 61851

Ion Ratio Lower Upper

61 100

96 2.4 49.9 74.9#

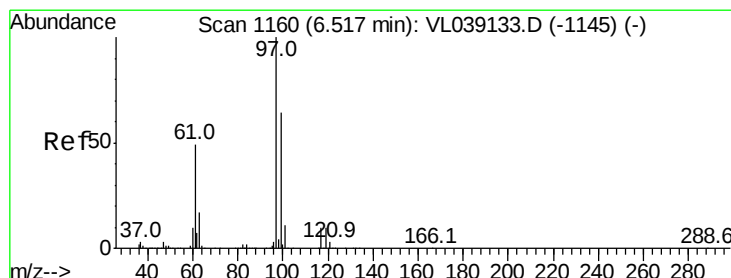
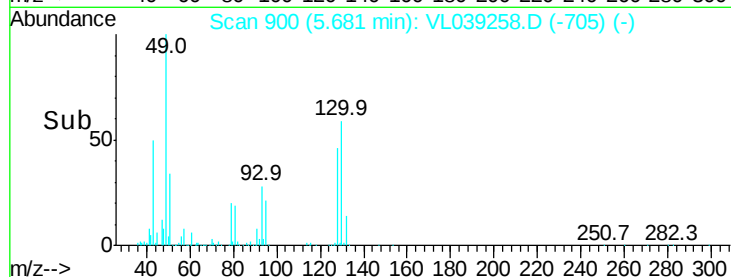
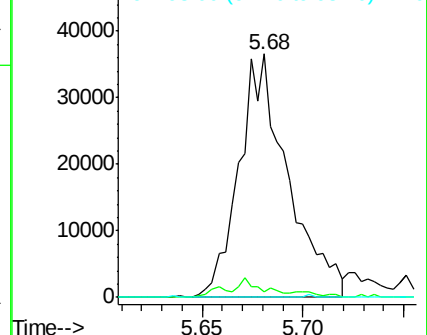
98 0.0 32.0 48.0#



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: 0.00 ppbv

RT: 6.54 min Scan# 1168

Delta R.T. 0.03 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

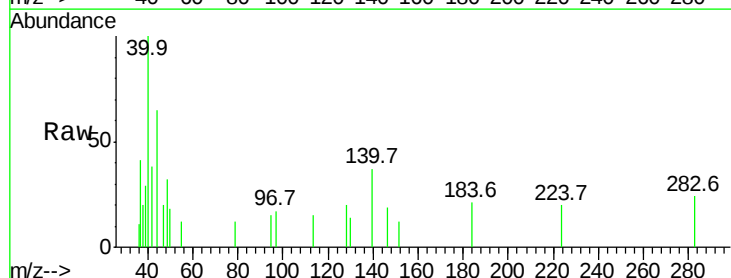
Tgt Ion: 97 Resp: 91

Ion Ratio Lower Upper

97 100

99 39.6 52.1 78.1#

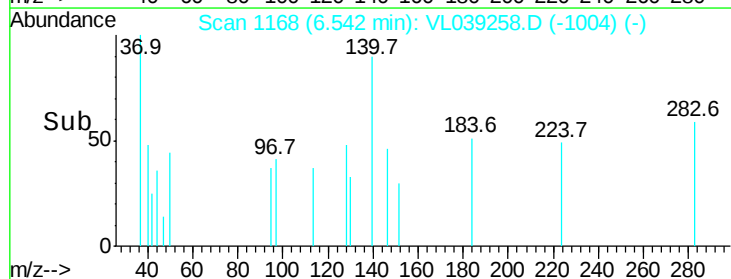
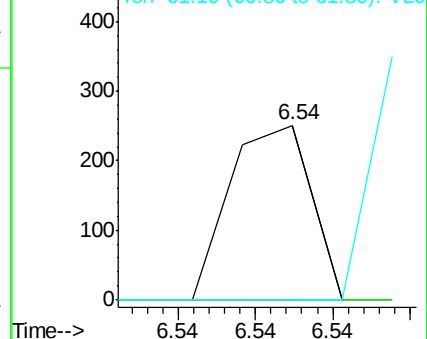
61 124.2 40.0 60.0#

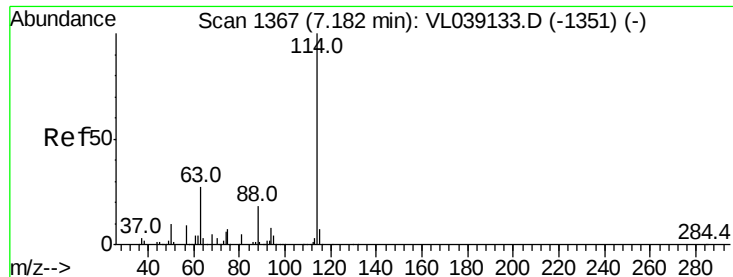


Abundance Ion 97.00 (96.70 to 97.70): VL0

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

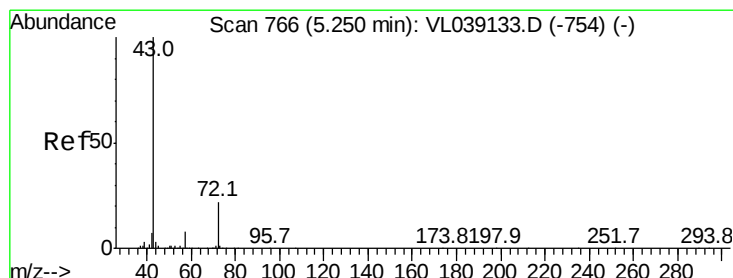
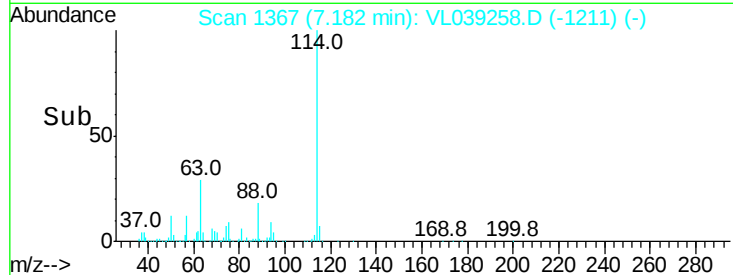
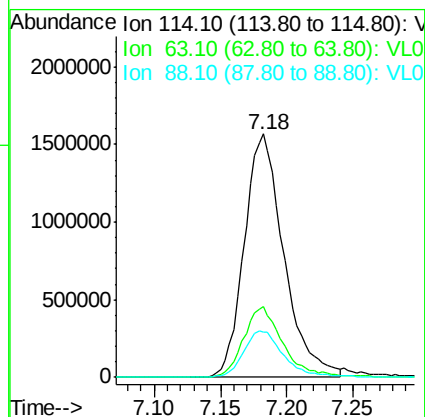
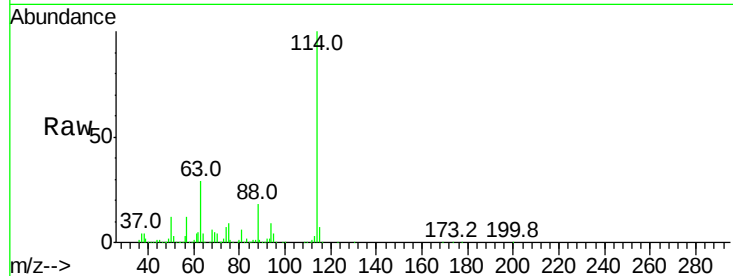
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Jun 2022 19:13

Tgt Ion: 114 Resp: 3259817

Ion	Ratio	Lower	Upper
114	100		
63	29.3	21.7	32.5
88	19.6	14.8	22.2



#34

2-Butanone

Concen: 0.22 ppbv

RT: 5.25 min Scan# 767

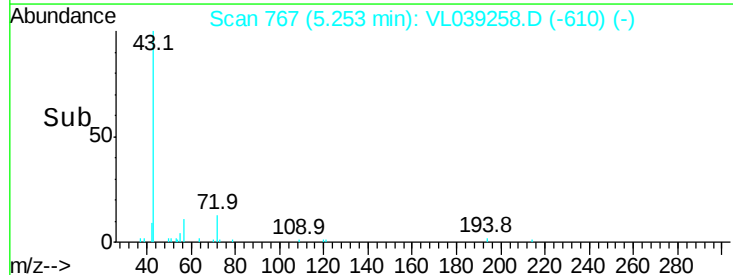
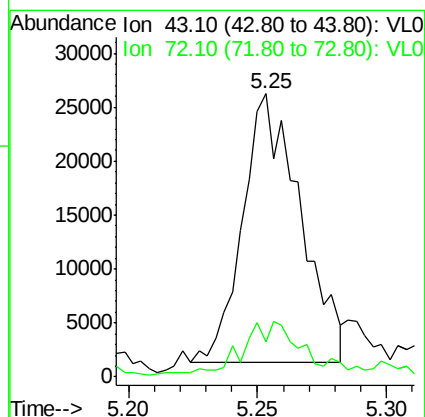
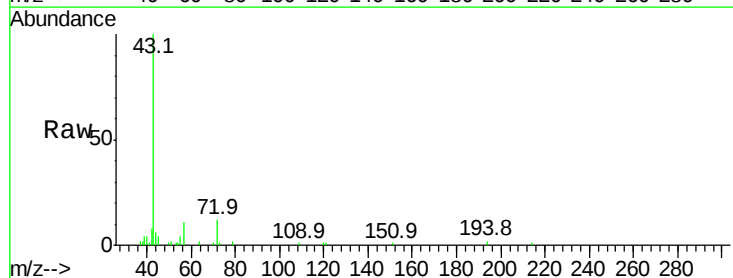
Delta R.T. 0.00 min

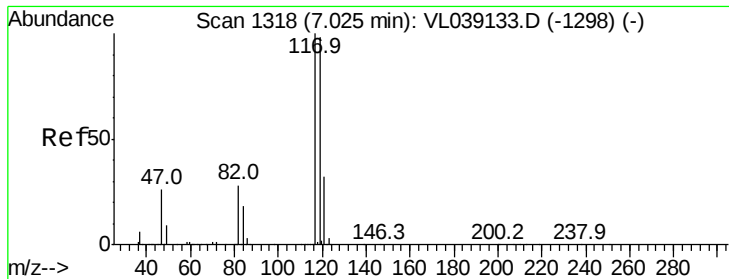
Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

Tgt Ion: 43 Resp: 38664

Ion	Ratio	Lower	Upper
43	100		
72	26.7	18.2	27.2





#35

Carbon Tetrachloride

Concen: 0.00 ppbv

RT: 7.03 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13

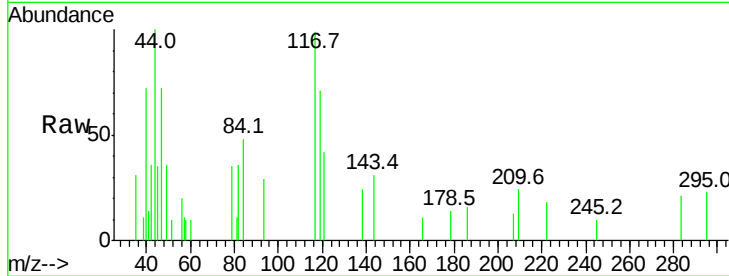
Tgt Ion: 117 Resp: 831

Ion Ratio Lower Upper

117 100

119 32.5 78.6 118.0#

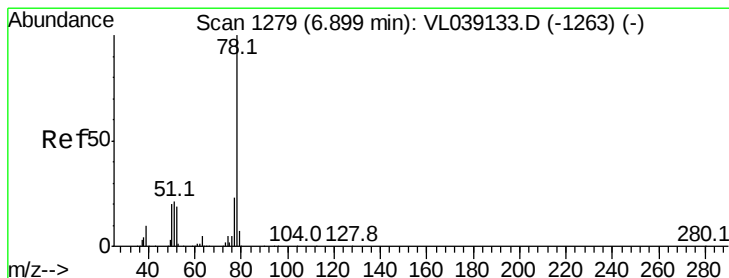
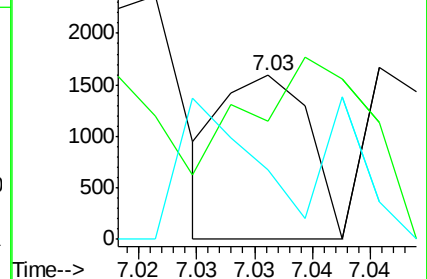
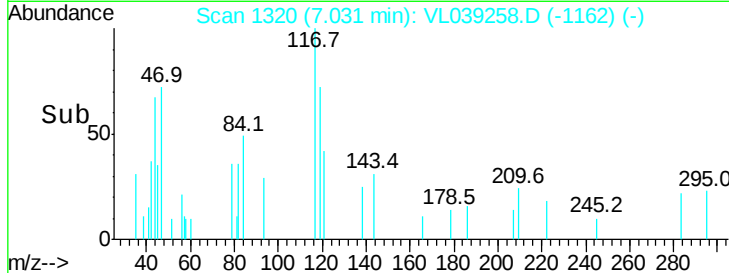
121 0.0 25.4 38.0#



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: 0.05 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.00 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

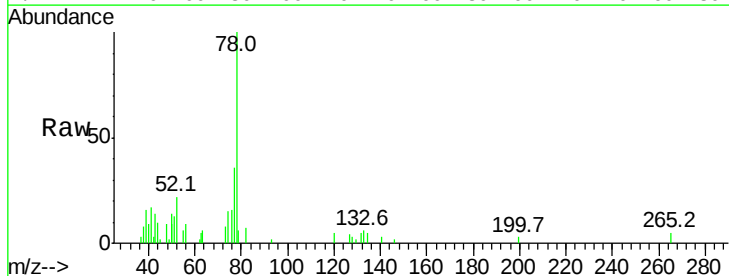
Tgt Ion: 78 Resp: 13098

Ion Ratio Lower Upper

78 100

77 38.4 18.6 27.8#

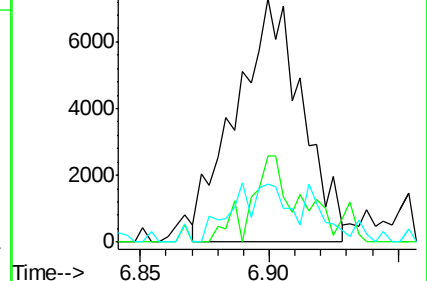
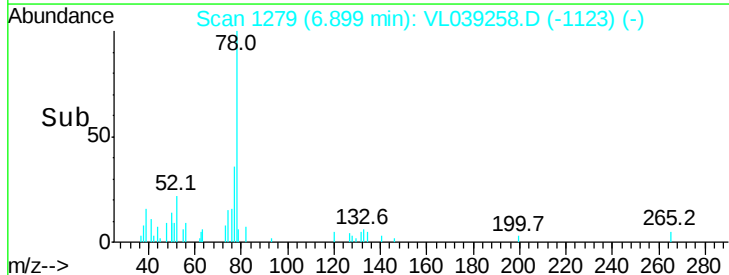
50 25.5 15.8 23.8#

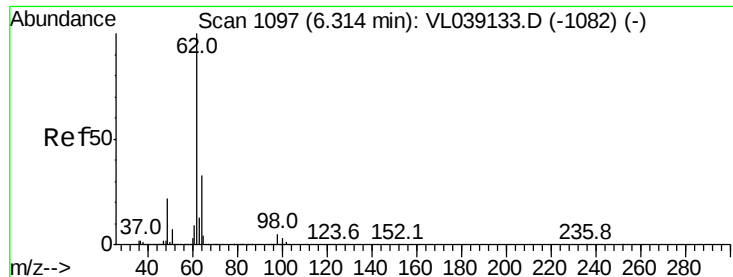


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

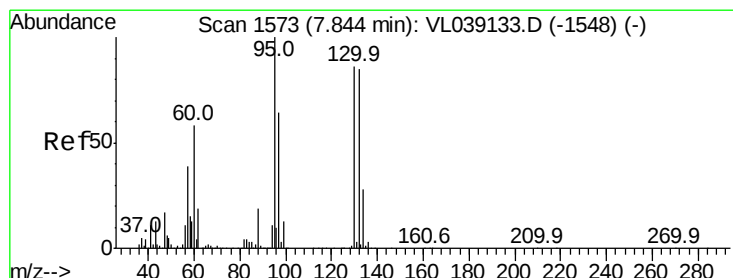
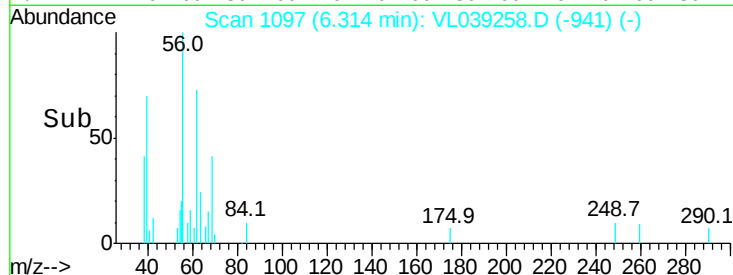
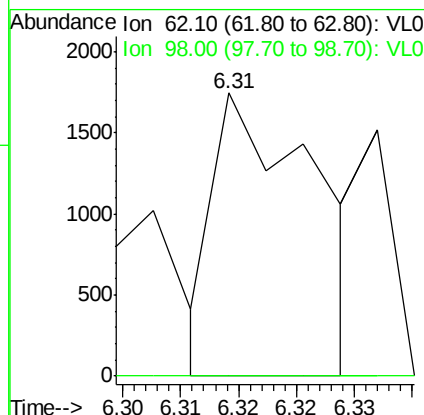
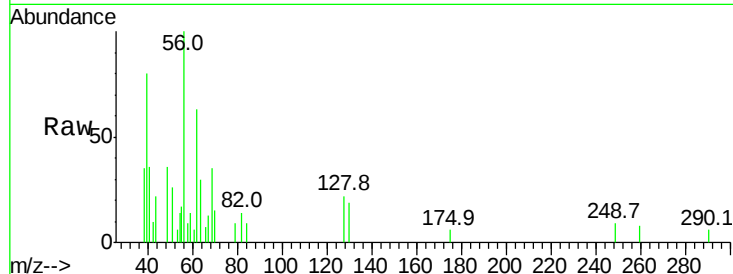
Ion 50.10 (49.80 to 50.80): VL0





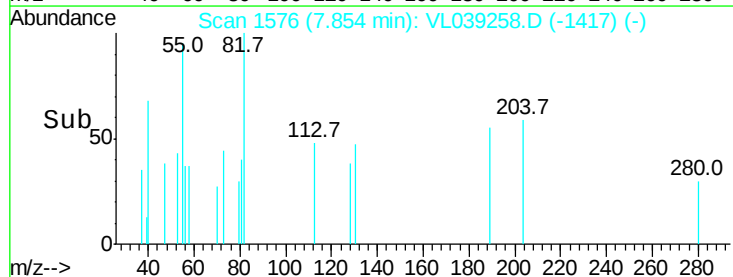
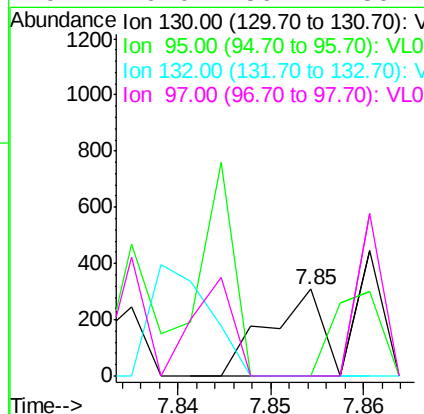
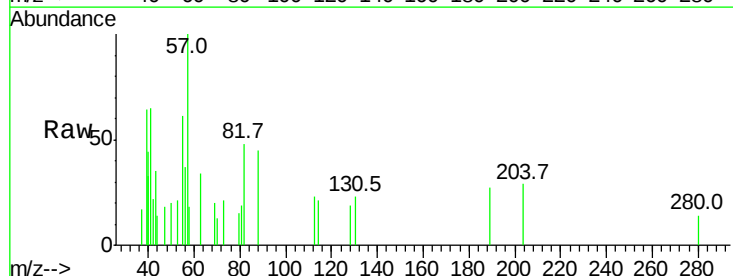
#37
 1,2-Dichloroethane
 Concen: 0.01 ppbv
 RT: 6.31
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 OTC-IAZDL
 Acq: 13 Jun 2022 19:13

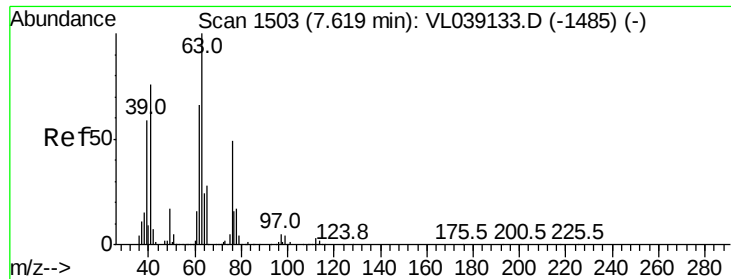
Tgt Ion: 62 Resp: 1063
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.3 6.5#



#38
 Trichloroethene
 Concen: 0.00 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

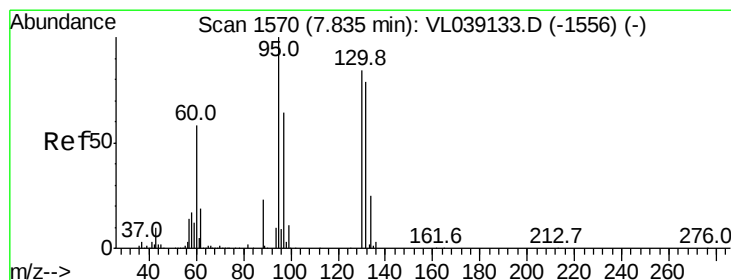
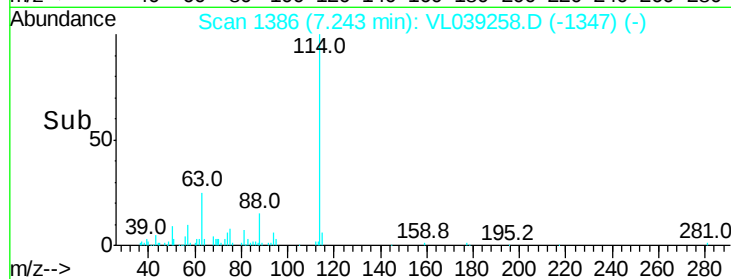
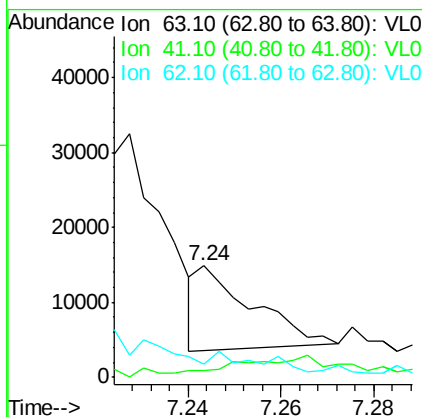
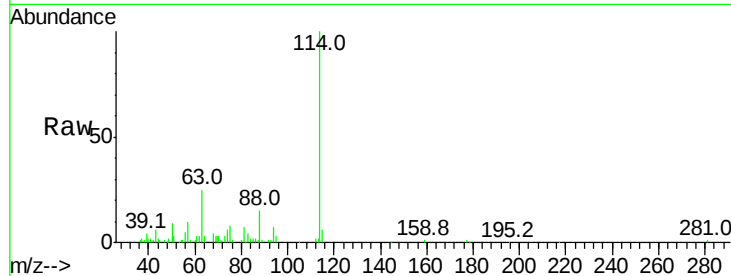
Tgt Ion: 130 Resp: 126
 Ion Ratio Lower Upper
 130 100
 95 0.0 93.3 139.9#
 132 0.0 79.0 118.4#
 97 0.0 59.4 89.2#





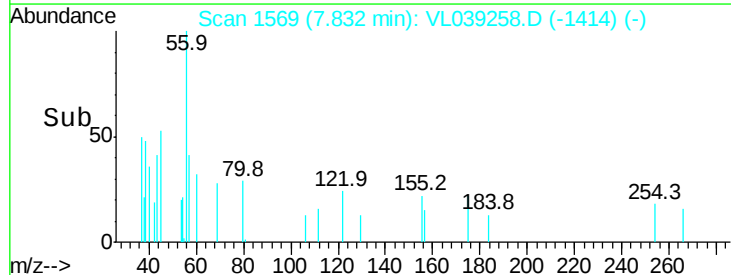
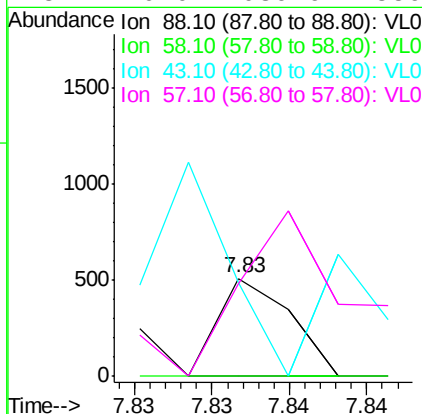
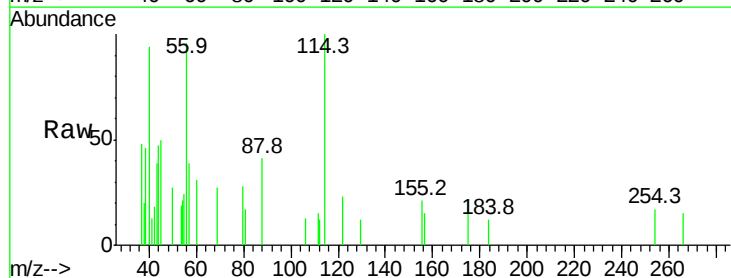
#39
 1,2-Dichloropropane
 Concen: 0.09 ppbv
 RT: 7.24
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OTC-IAZDL
 Acq: 13 Jun 2022 19:13

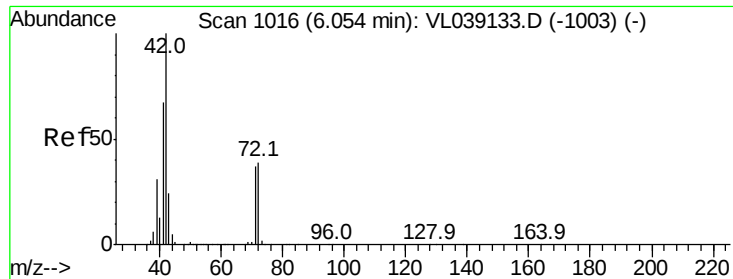
Tgt Ion: 63 Resp: 9374
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.8 91.2#
 62 2.5 52.9 79.3#



#40
 1,4-Dioxane
 Concen: 0.00 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

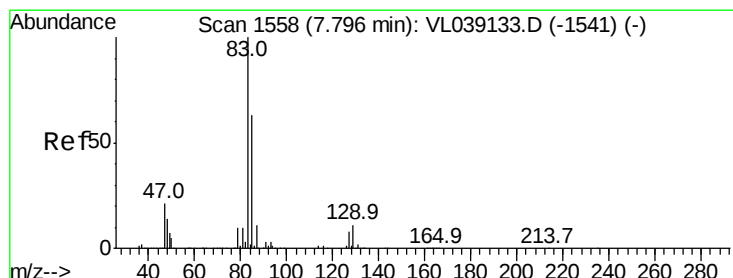
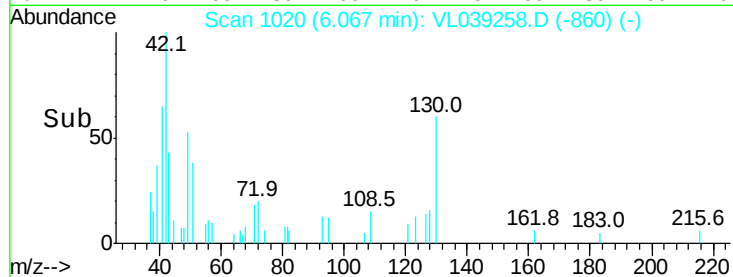
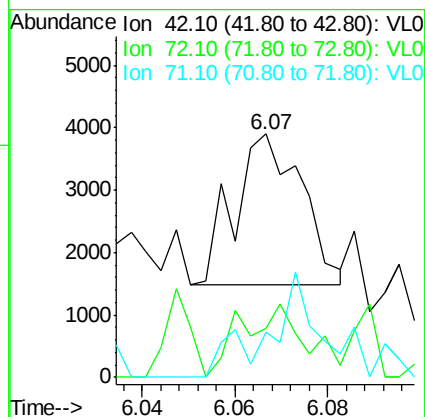
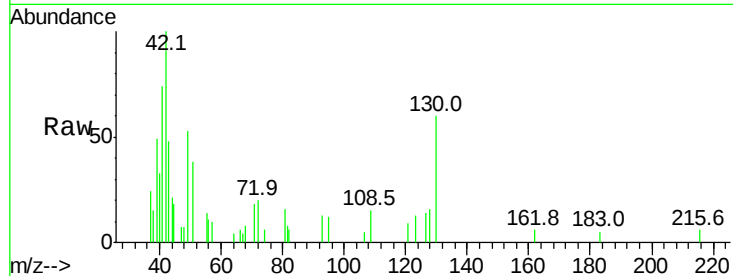
Tgt Ion: 88 Resp: 165
 Ion Ratio Lower Upper
 88 100
 58 0.0 111.2 166.8#
 43 434.5 234.2 351.4#
 57 0.0 1039.9 1559.9#





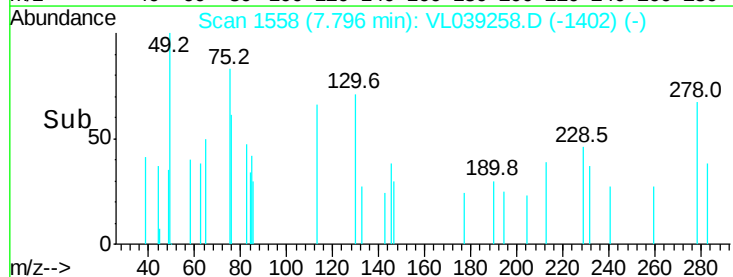
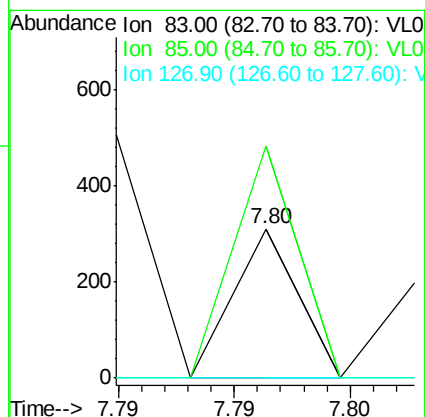
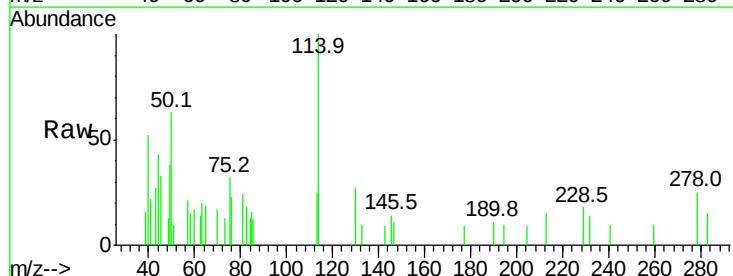
#41
Tetrahydrofuran
Concen: 0.02 ppbv
RT: 6.07
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Jun 2022 19:13

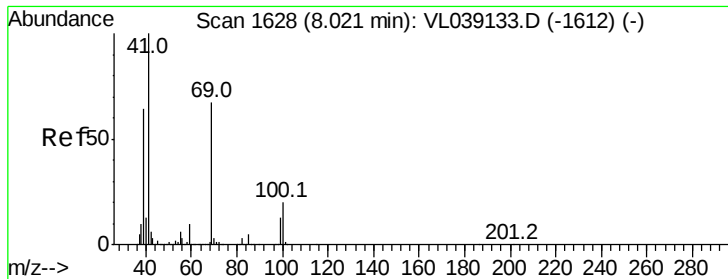
Tgt Ion: 42 Resp: 2448
Ion Ratio Lower Upper
42 100
72 83.3 32.0 48.0#
71 75.1 31.1 46.7#



#42
Bromodichloromethane
Concen: 0.00 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion: 83 Resp: 60
Ion Ratio Lower Upper
83 100
85 155.5 50.2 75.4#
127 0.0 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.00 ppbv

RT: 8.02

Instrument: MSVOA_1

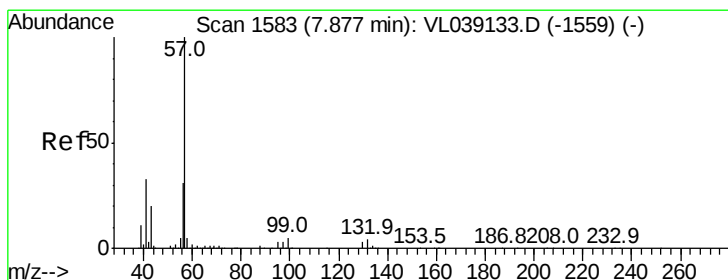
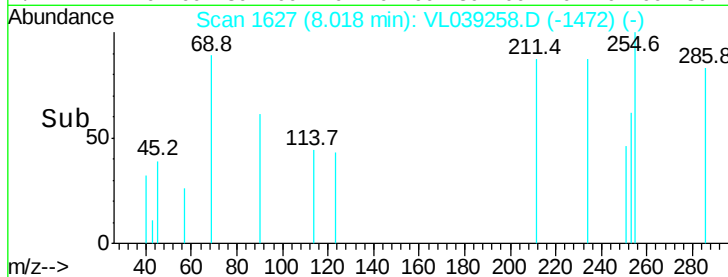
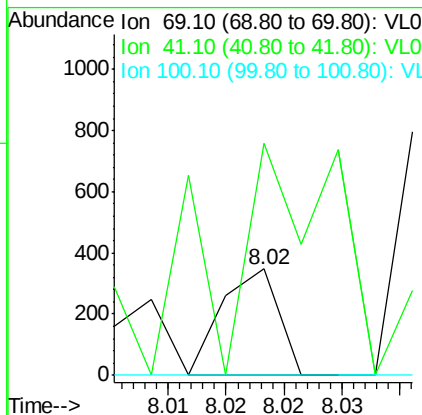
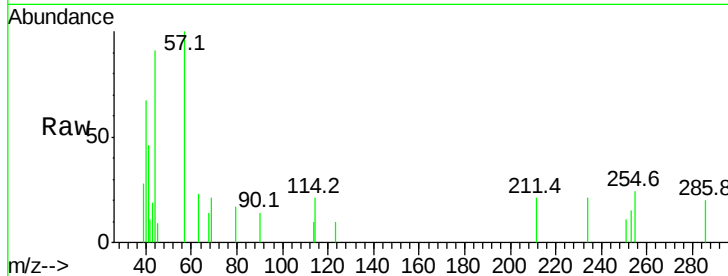
Delta R.T. 0.00 min

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13

Tgt Ion: 69 Resp: 117

Ion	Ratio	Lower	Upper
69	100		
41	985.5	121.9	182.9#
100	0.0	24.1	36.1#



#44

2,2,4-Trimethylpentane

Concen: 0.00 ppbv

RT: 7.88 min Scan# 1584

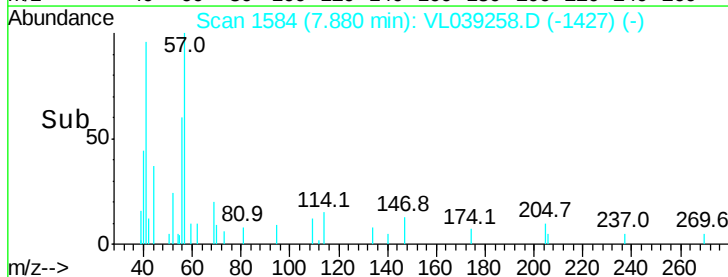
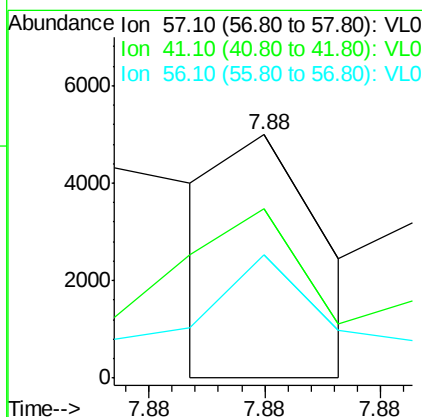
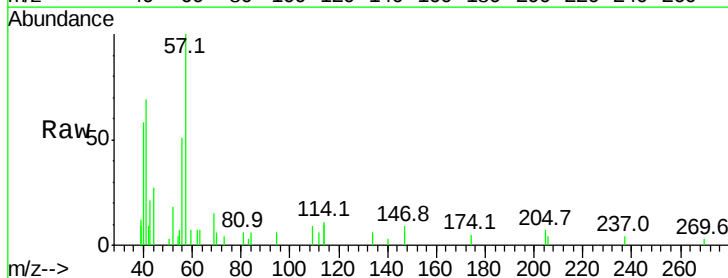
Delta R.T. 0.00 min

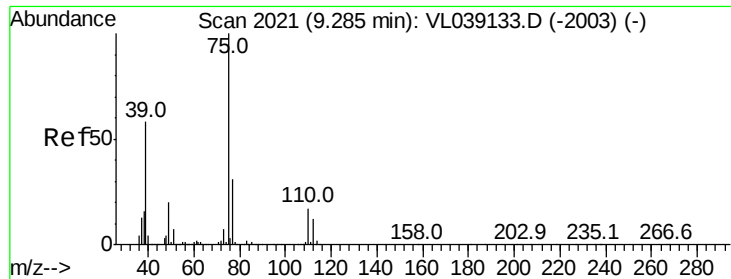
Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

Tgt Ion: 57 Resp: 1437

Ion	Ratio	Lower	Upper
57	100		
41	427.5	26.2	39.4#
56	247.7	24.7	37.1#





#45

t-1,3-Dichloropropene

Concen: 0.00 ppbv

RT: 9.43 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

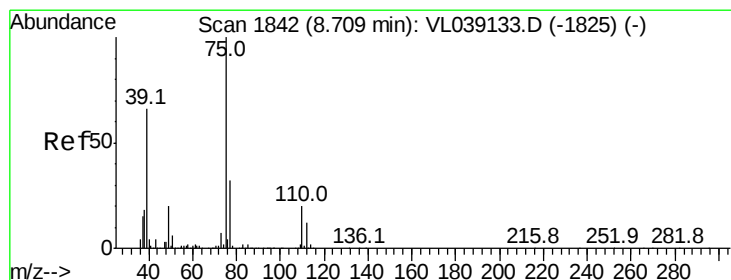
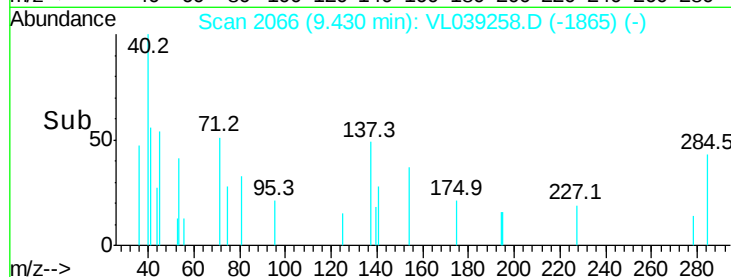
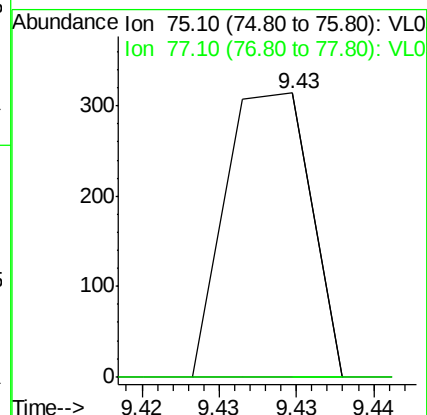
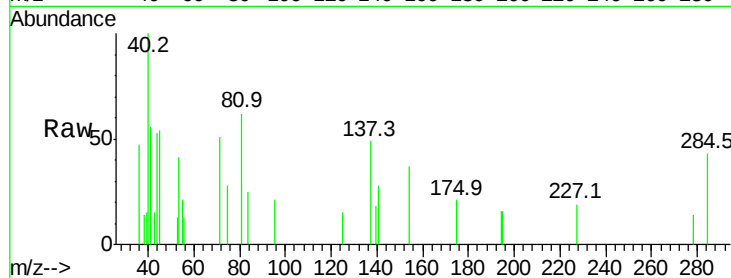
Acq: 13 Jun 2022 19:13 OTC-IAZDL

Tgt Ion: 75 Resp: 120

Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#



#46

cis-1,3-Dichloropropene

Concen: 0.00 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.04 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

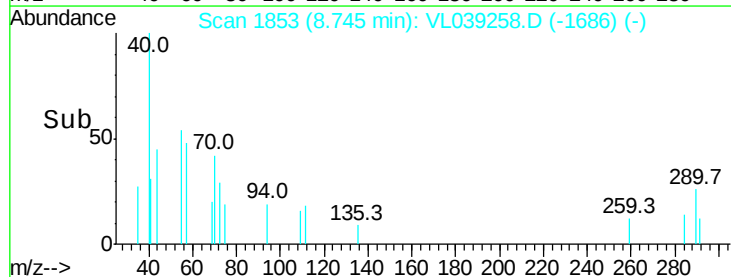
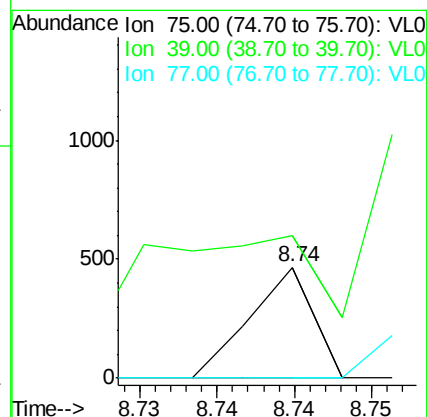
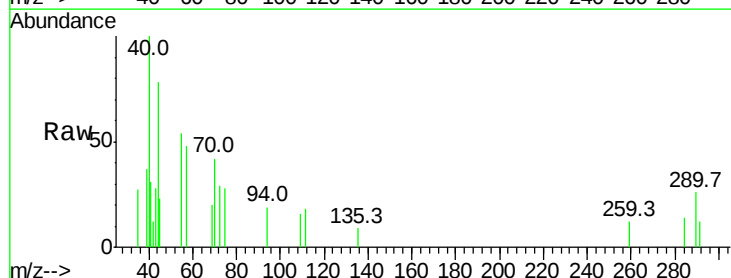
Tgt Ion: 75 Resp: 131

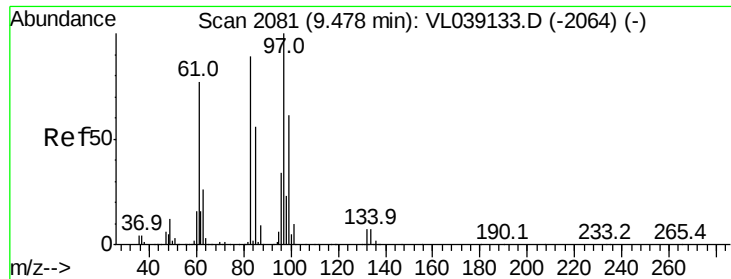
Ion Ratio Lower Upper

75 100

39 74.4 52.4 78.6

77 0.0 25.5 38.3#





#47

1,1,2-Trichloroethane

Concen: 0.00 ppbv

RT: 9.50 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13 OTC-IAZDL

Tgt Ion: 97 Resp: 132

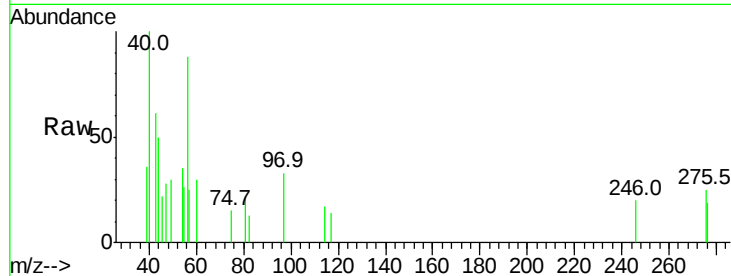
Ion Ratio Lower Upper

97 100

83 0.0 71.6 107.4#

85 0.0 44.8 67.2#

99 0.0 49.0 73.4#

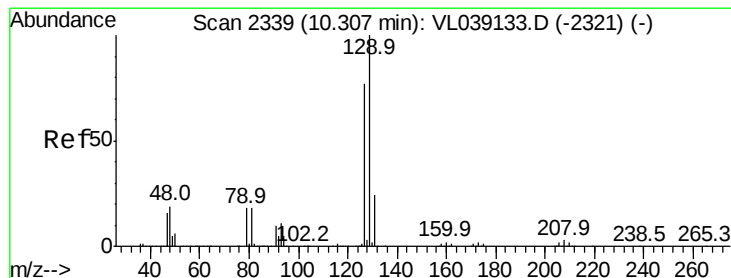
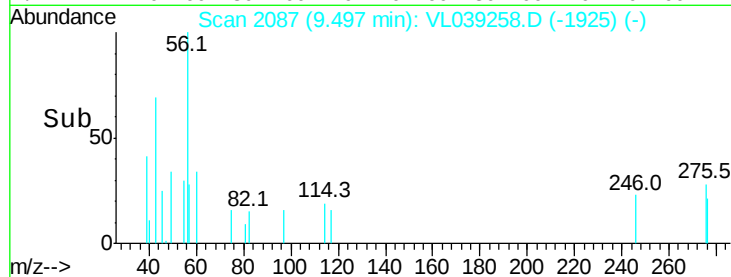
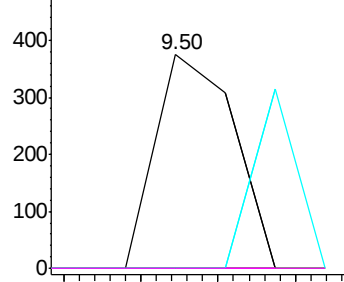


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 0.00 ppbv

RT: 10.18 min Scan# 2299

Delta R.T. -0.13 min

Lab File: VL039258.D

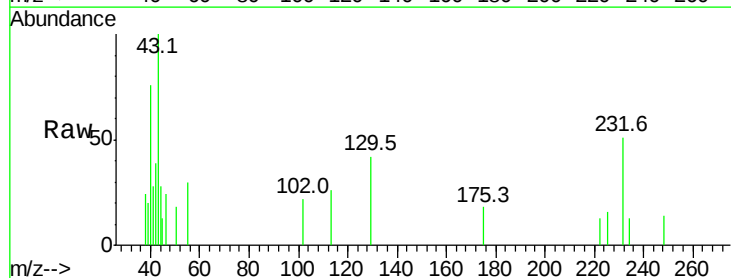
Acq: 13 Jun 2022 19:13

Tgt Ion: 129 Resp: 137

Ion Ratio Lower Upper

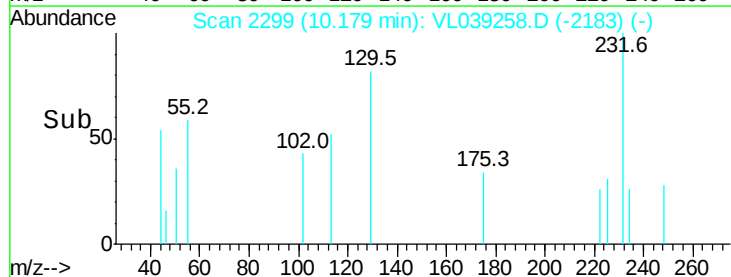
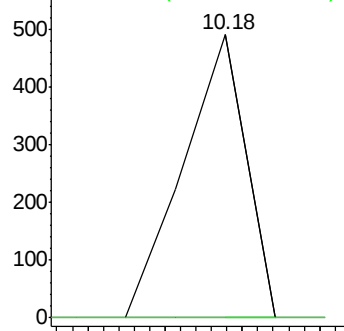
129 100

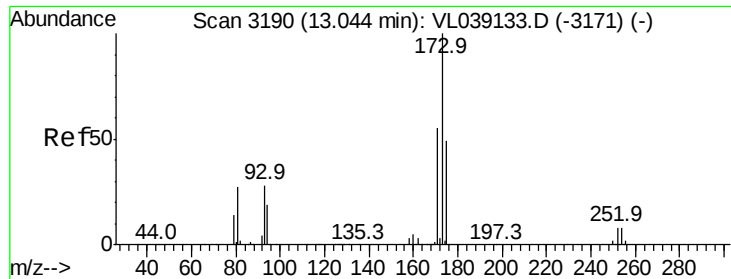
127 54.0 40.0 119.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.00 ppbv

RT: 13.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Jun 2022 19:13

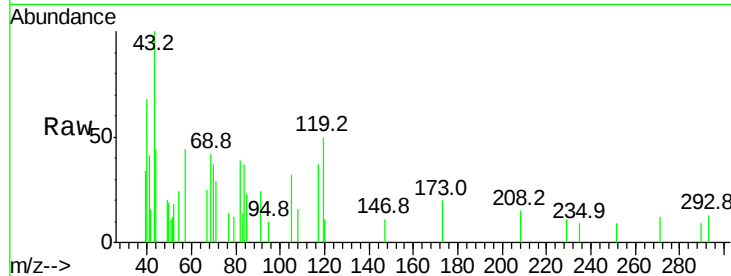
Tgt Ion: 173 Resp: 106

Ion Ratio Lower Upper

173 100

175 33.0 40.2 60.2#

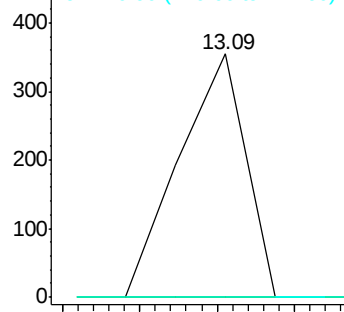
171 235.8 43.9 65.9#



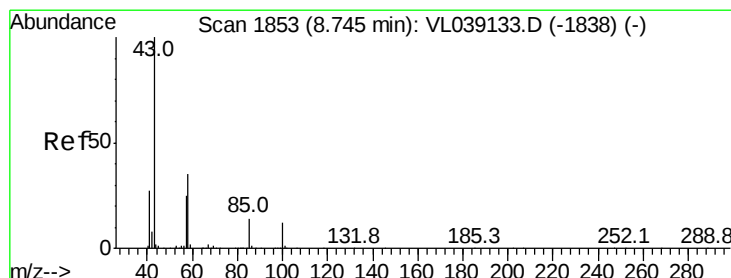
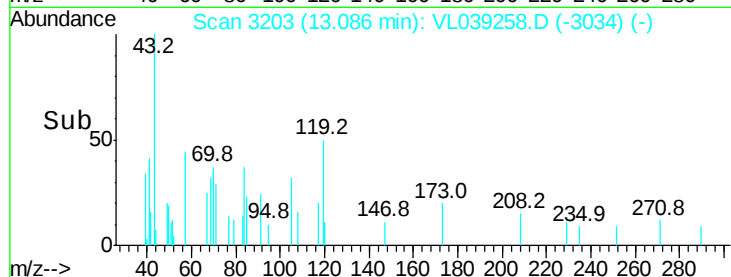
Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



Time--> 13.07 13.08 13.09 13.09



#50

4-Methyl-2-Pentanone

Concen: 0.00 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL039258.D

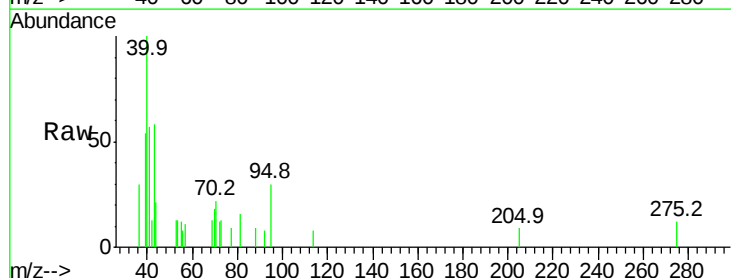
Acq: 13 Jun 2022 19:13

Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

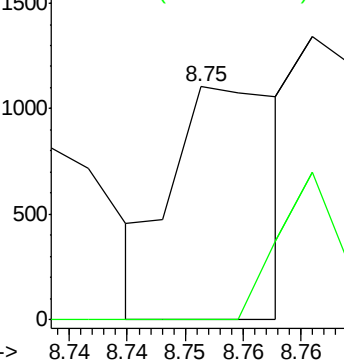
43 100

58 0.0 28.7 43.1#

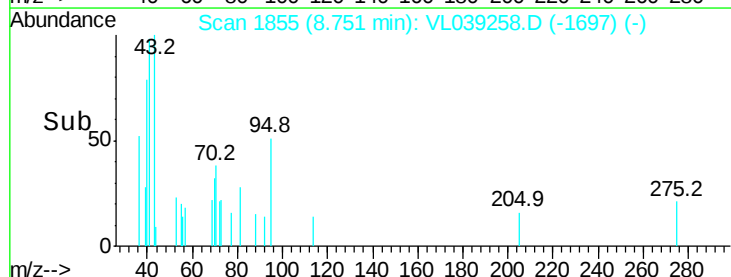


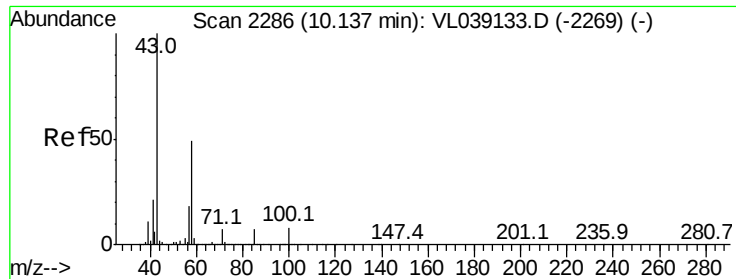
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



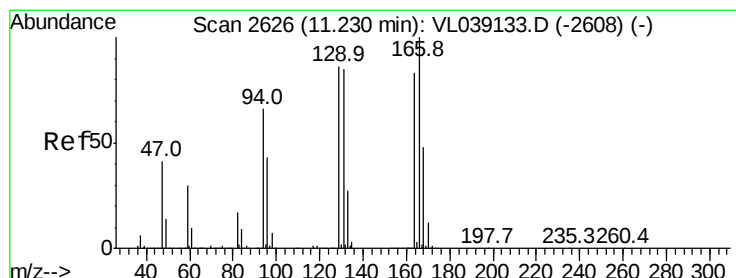
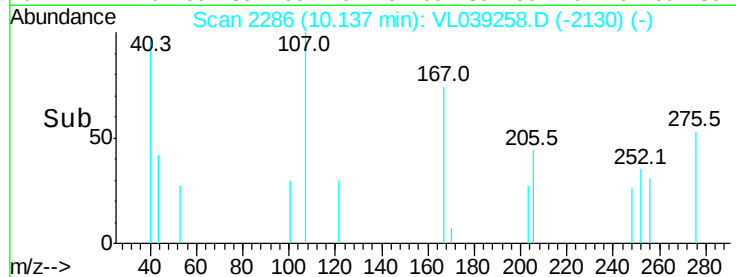
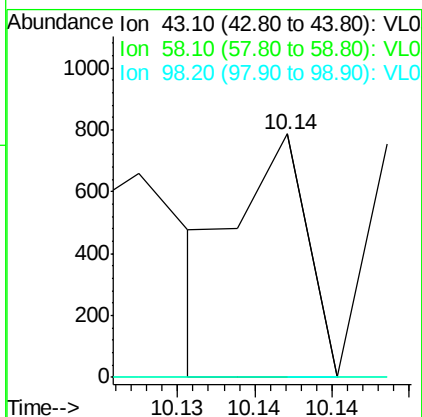
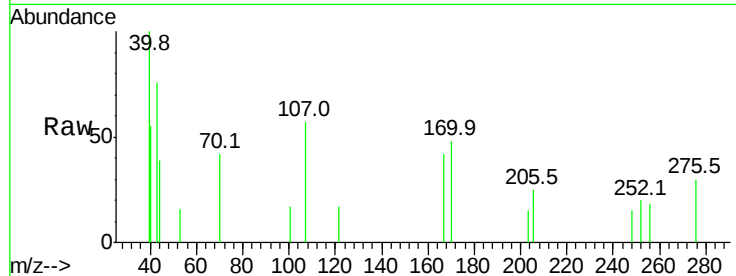
Time--> 8.74 8.74 8.75 8.76 8.76





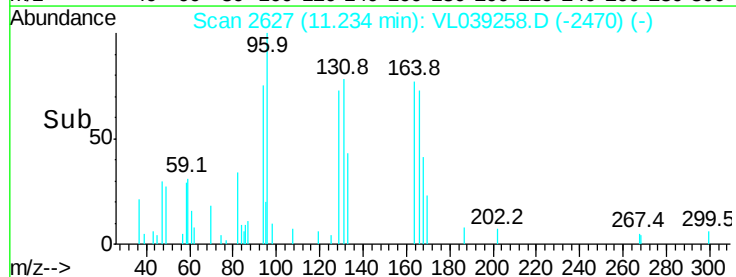
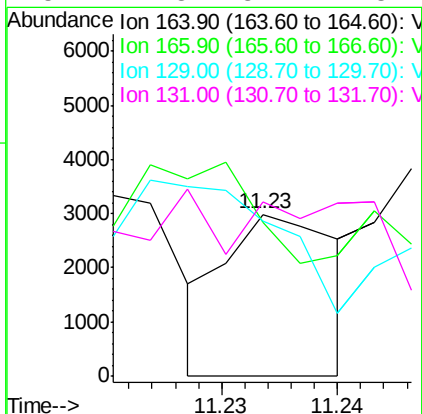
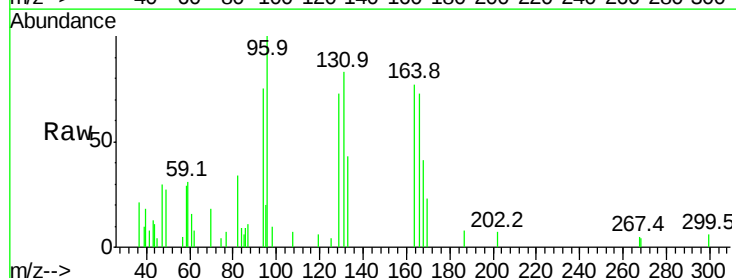
#51
2-Hexanone
Concen: 0.00 ppbv
RT: 10.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 13 Jun 2022 19:13

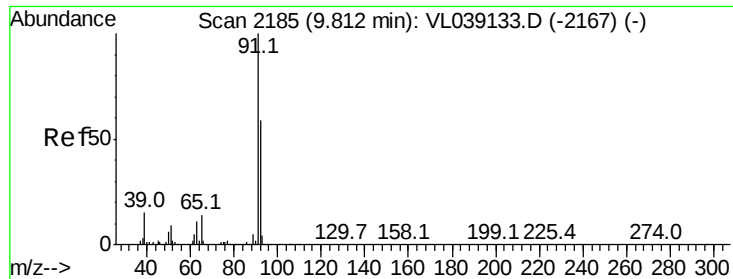
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	0.0	0.1	0.1#



#52
Tetrachloroethene
Concen: 0.02 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	49.1	96.3	144.5#
129	115.0	82.5	123.7
131	1.8	82.1	123.1#





#53

Toluene

Concen: 0.07 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

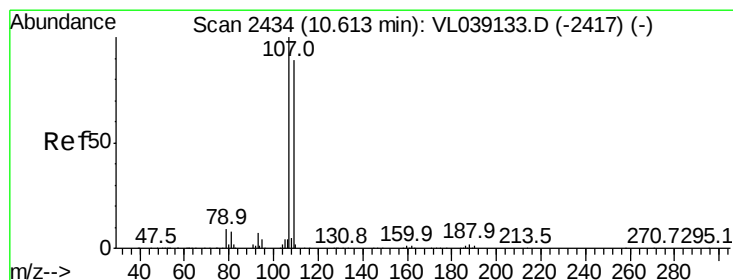
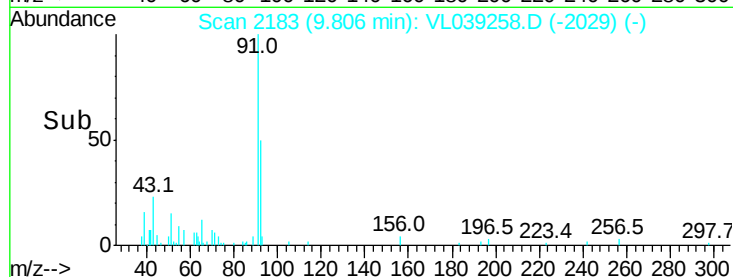
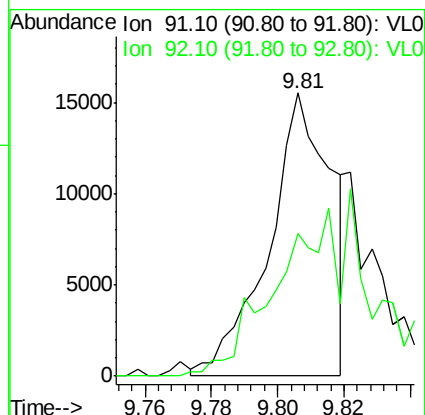
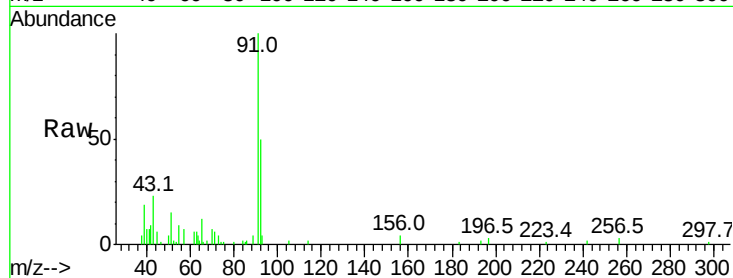
Acq: 13 Jun 2022 19:13

Tgt Ion: 91 Resp: 20245

Ion Ratio Lower Upper

91 100

92 0.0 48.1 72.1#



#54

1,2-Dibromoethane

Concen: 0.00 ppbv

RT: 11.05 min Scan# 2571

Delta R.T. 0.44 min

Lab File: VL039258.D

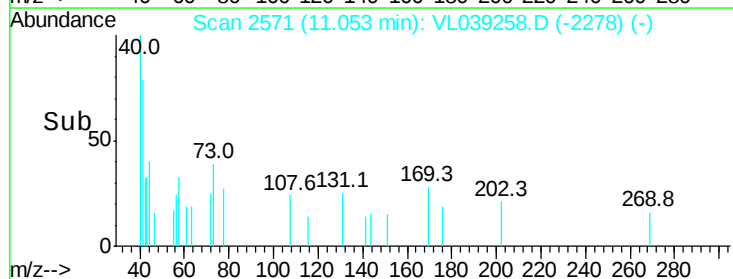
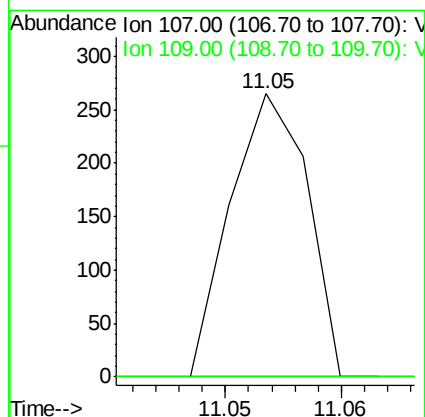
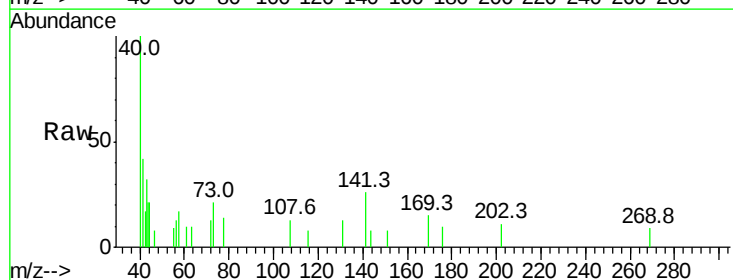
Acq: 13 Jun 2022 19:13

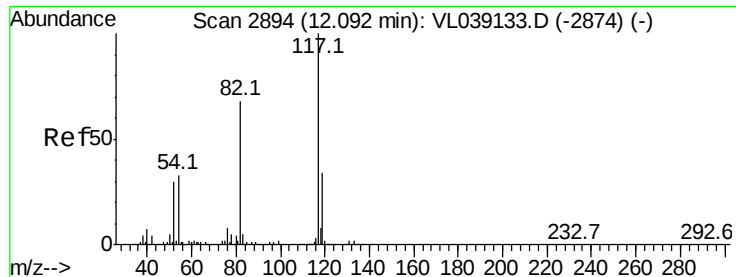
Tgt Ion: 107 Resp: 122

Ion Ratio Lower Upper

107 100

109 0.0 71.4 107.0#





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13

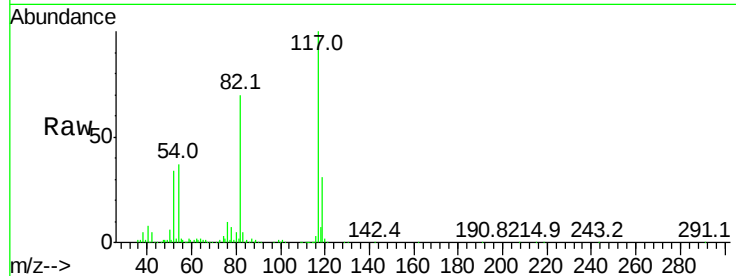
Tgt Ion:117 Resp: 2722768

Ion Ratio Lower Upper

117 100

82 74.8 55.1 82.7

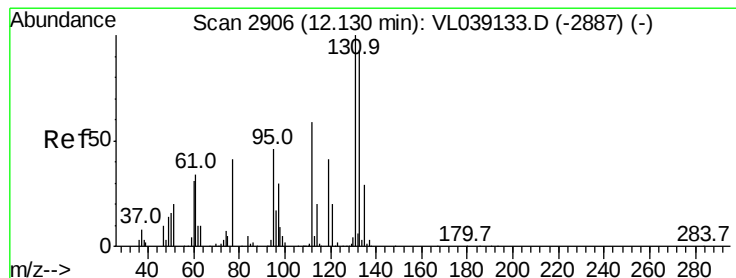
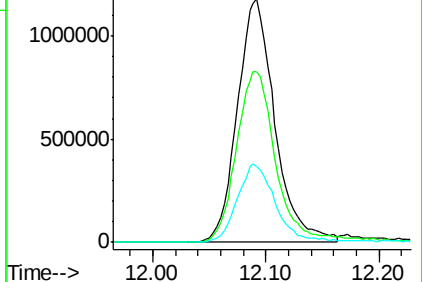
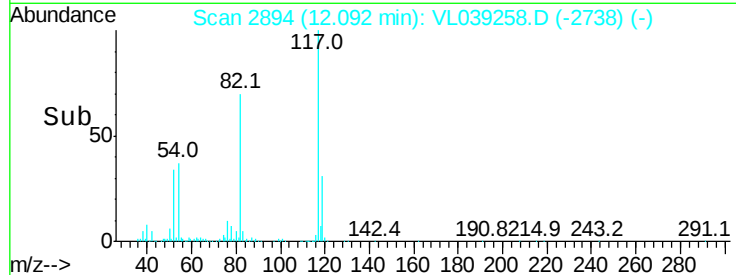
119 34.0 24.7 37.1



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 0.00 ppbv

RT: 12.03 min Scan# 2876

Delta R.T. -0.10 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

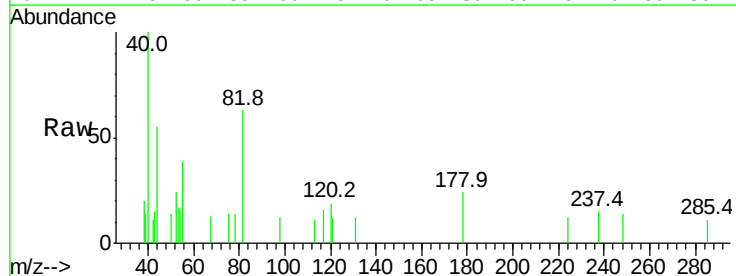
Tgt Ion:131 Resp: 70

Ion Ratio Lower Upper

131 100

133 0.0 78.6 117.8#

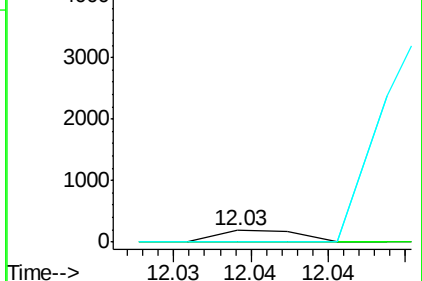
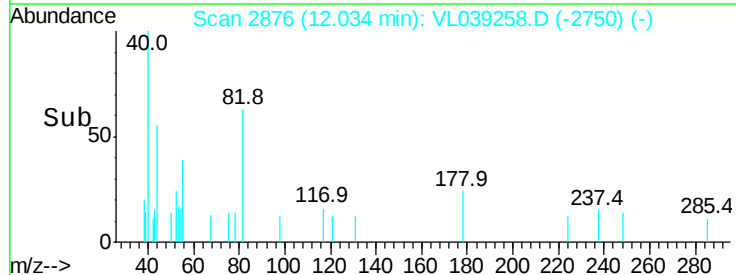
119 1291704.3 51.7 77.5#

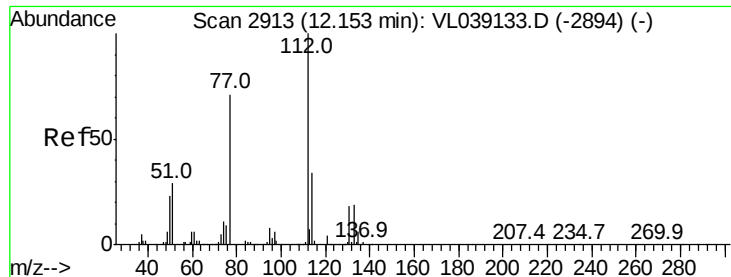


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

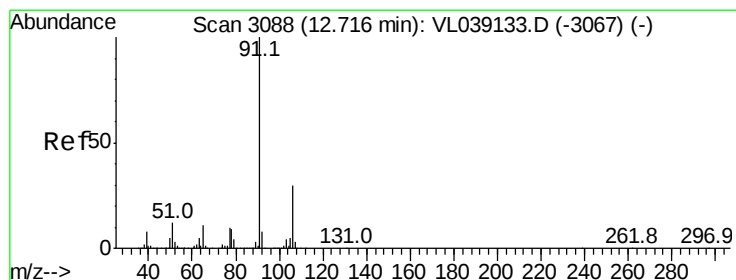
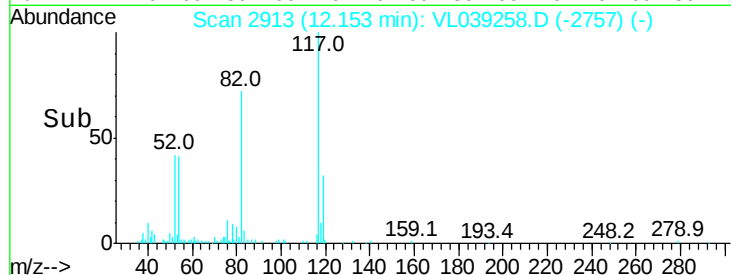
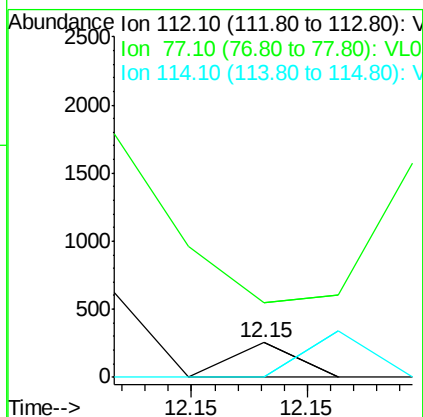
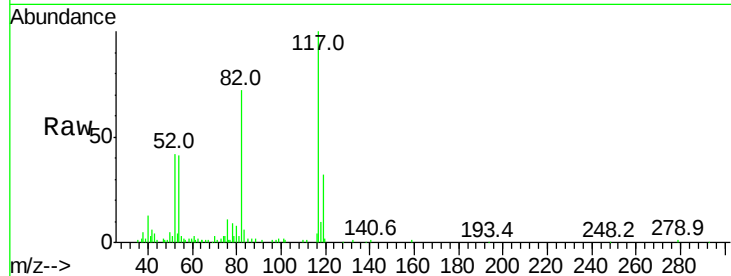
Ion 119.00 (118.70 to 119.70): V





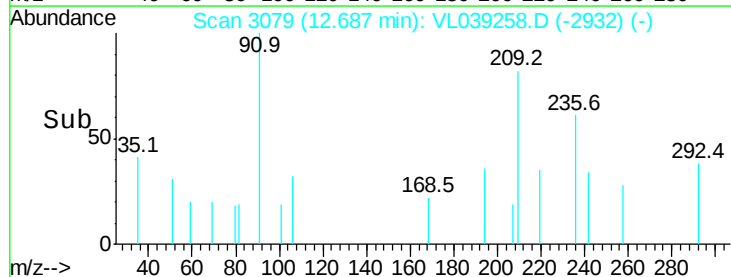
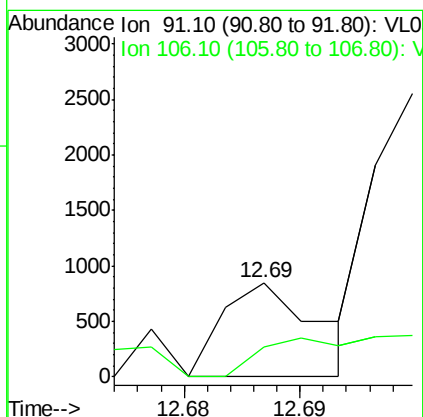
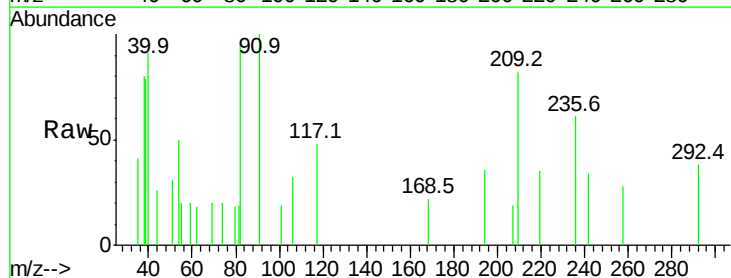
#57
Chlorobenzene
Concen: 0.00 ppbv
RT: 12.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 13 Jun 2022 19:13

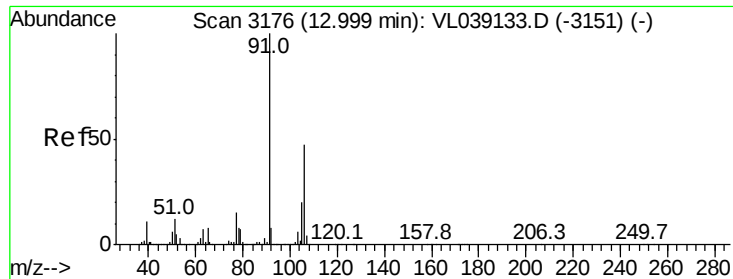
Tgt Ion: 112 Resp: 49
Ion Ratio Lower Upper
112 100
77 0.0 56.5 84.7#
114 0.0 30.3 37.1#



#58
Ethyl Benzene
Concen: 0.00 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.03 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

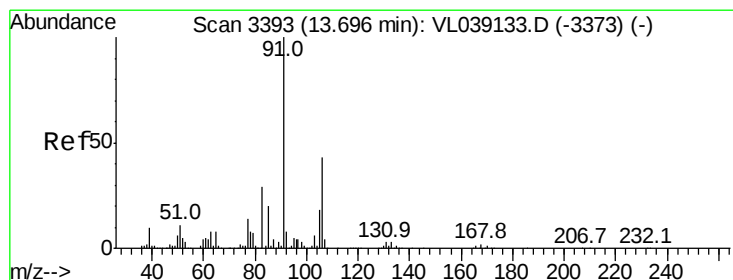
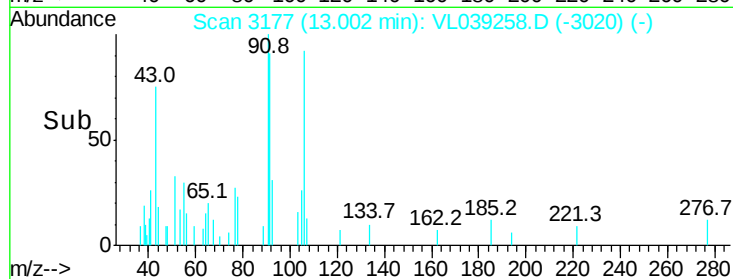
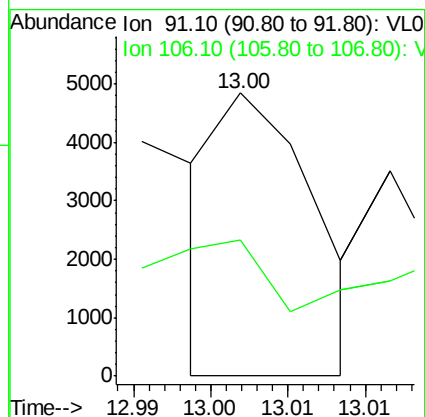
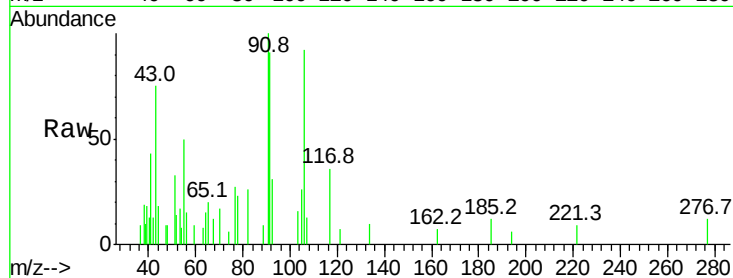
Tgt Ion: 91 Resp: 478
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4





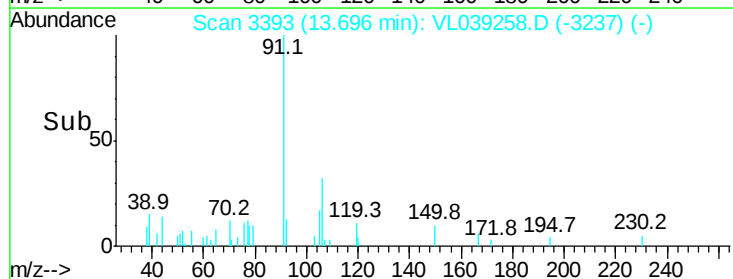
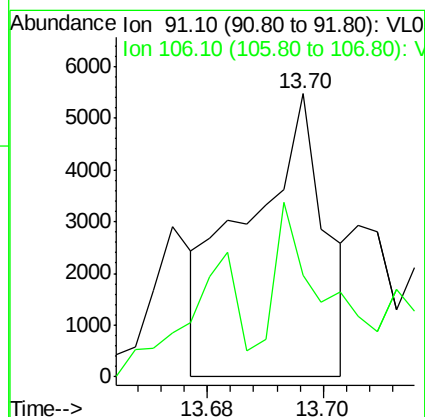
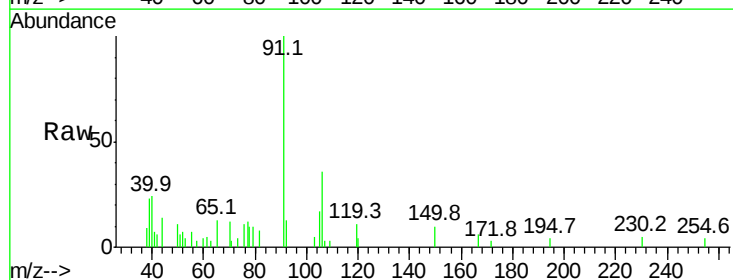
#59
m/p-Xylene
Concen: 0.01 ppbv
RT: 13.00 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 13 Jun 2022 19:13

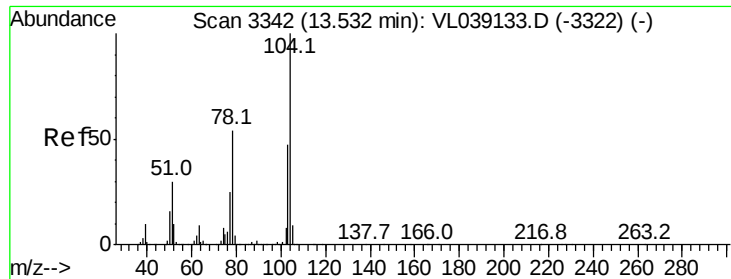
Tgt Ion: 91 Resp: 2085
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 0.02 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion: 91 Resp: 5111
Ion Ratio Lower Upper
91 100
106 94.4 22.3 66.9#





#61

Styrene

Concen: 0.01 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13

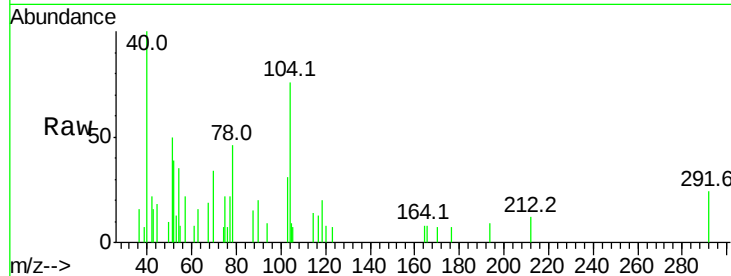
Tgt Ion:104 Resp: 1515

Ion Ratio Lower Upper

104 100

78 141.1 45.7 68.5#

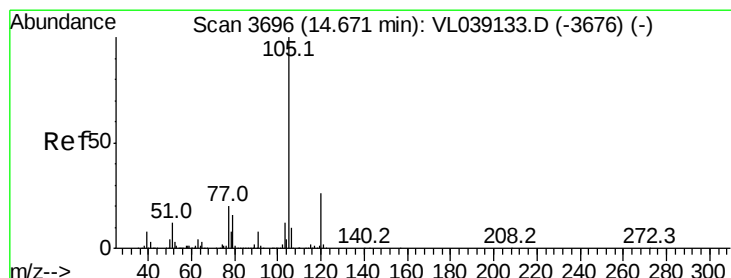
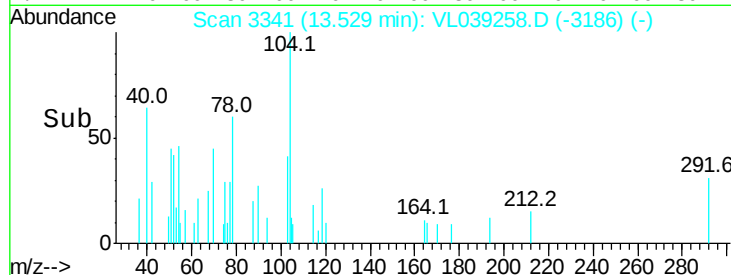
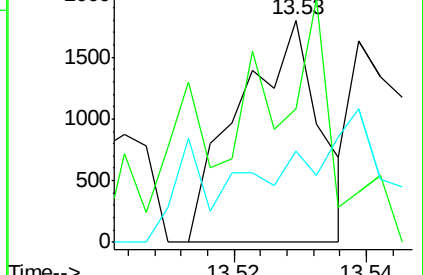
103 0.0 39.6 59.4#



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: 0.00 ppbv

RT: 14.76 min Scan# 3724

Delta R.T. 0.09 min

Lab File: VL039258.D

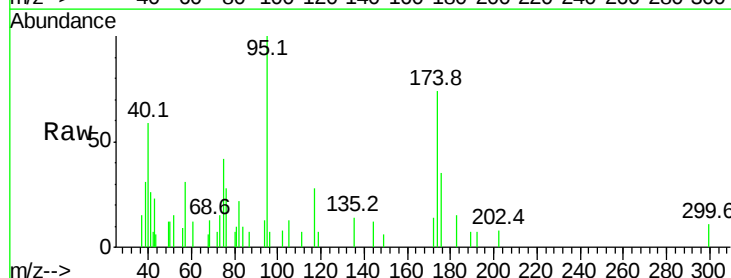
Acq: 13 Jun 2022 19:13

Tgt Ion:105 Resp: 118

Ion Ratio Lower Upper

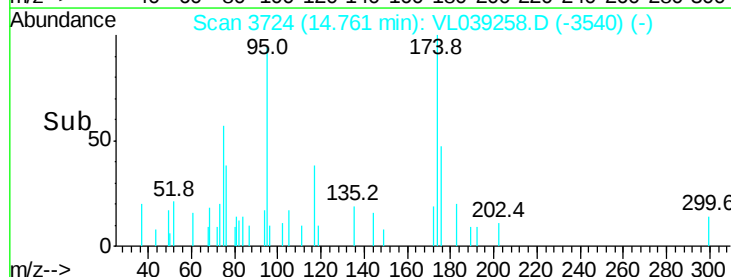
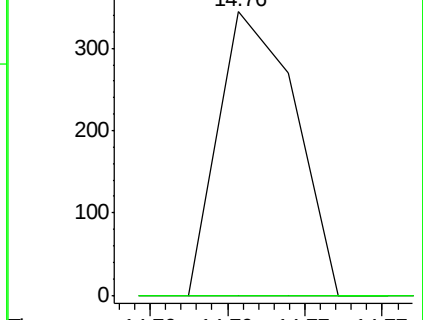
105 100

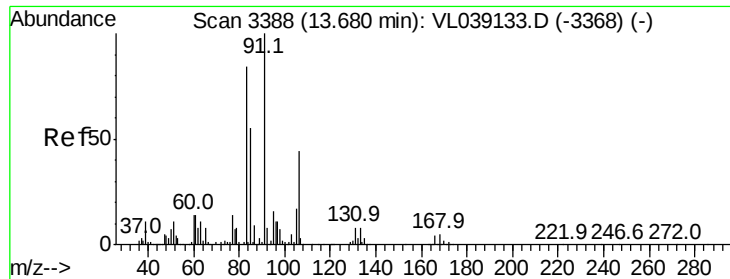
120 26.3 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

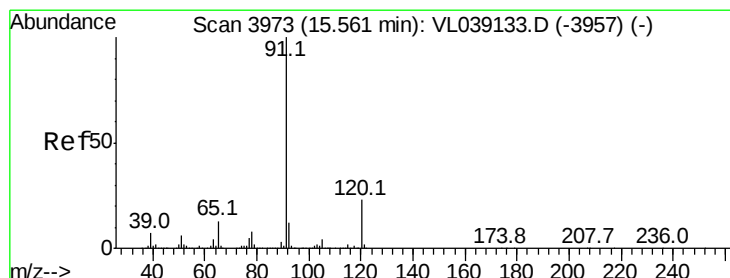
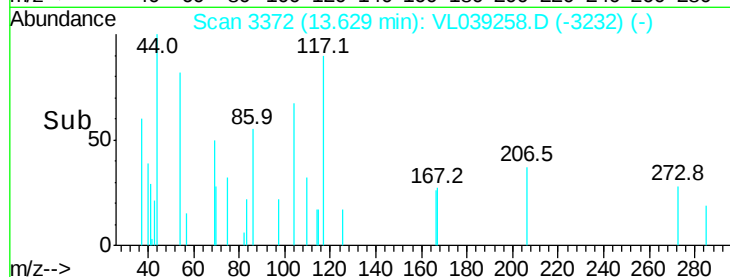
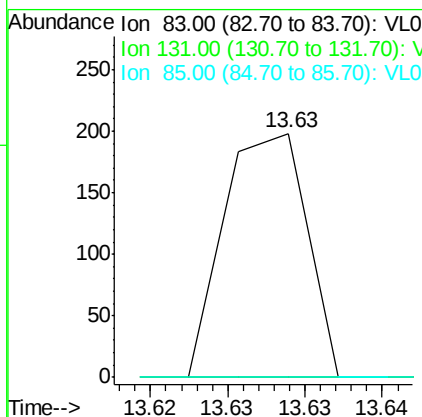
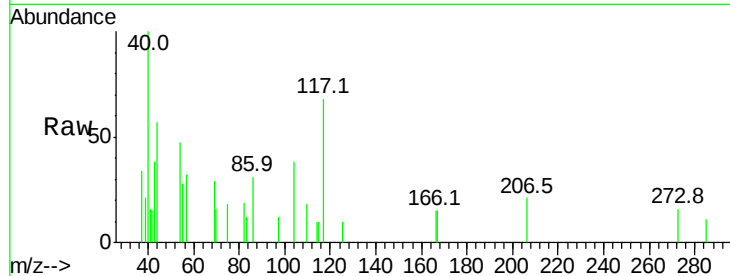
Ion 120.20 (119.90 to 120.90): V





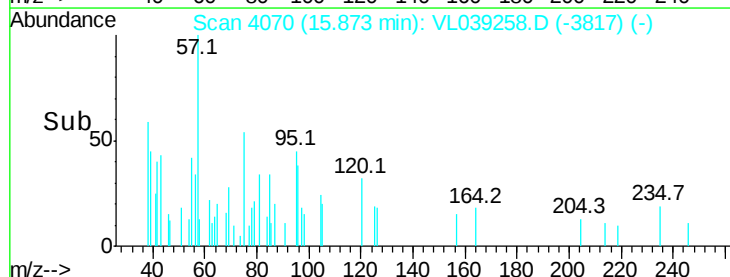
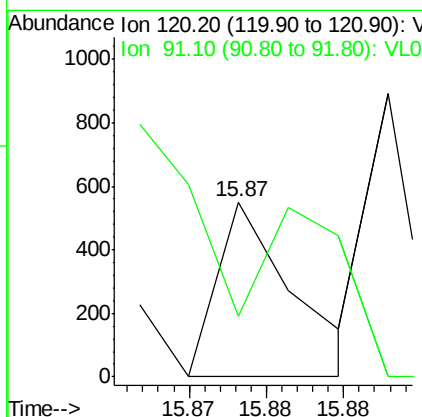
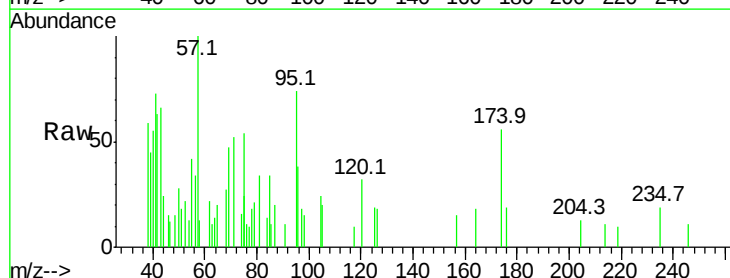
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.00 ppbv
 RT: 13.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 19:13

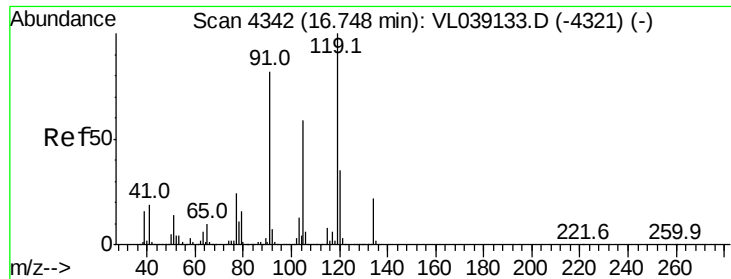
Tgt Ion: 83 Resp: 74
 Ion Ratio Lower Upper
 83 100
 131 89.2 4.8 14.3#
 85 0.0 33.0 99.0#



#64
 n-propylbenzene
 Concen: 0.00 ppbv
 RT: 15.87 min Scan# 4070
 Delta R.T. 0.31 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

Tgt Ion:120 Resp: 188
 Ion Ratio Lower Upper
 120 100
 91 556.4 388.4 582.6





#65

tert-Butylbenzene

Concen: 0.00 ppbv

RT: 16.74 min

Delta R.T. 0.01 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

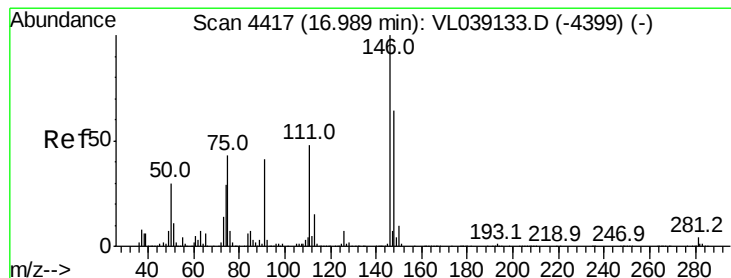
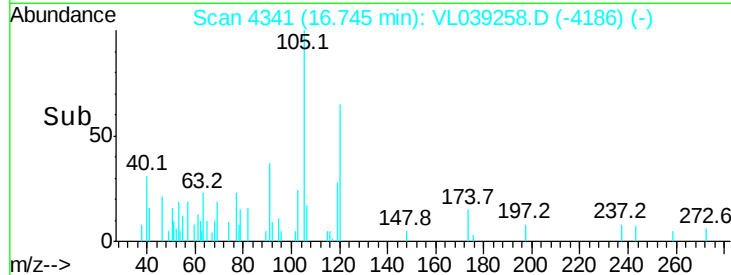
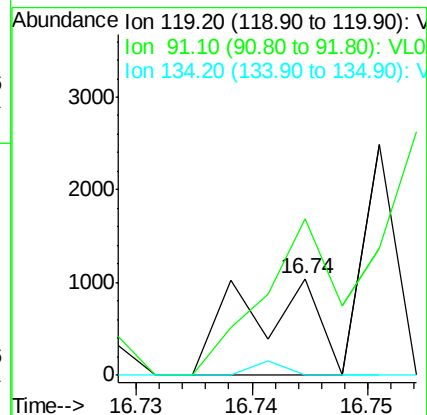
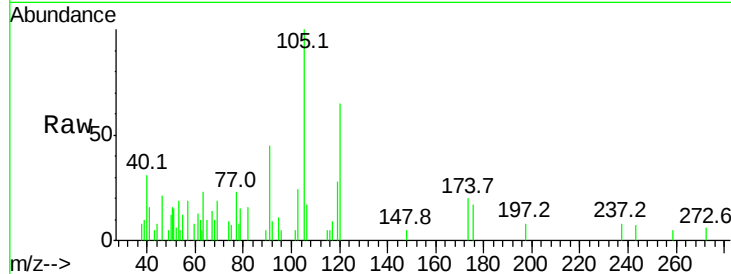
Tgt Ion: 119 Resp: 476

Ion Ratio Lower Upper

119 100

91 0.0 67.1 100.7#

134 0.0 15.8 23.8#



#66

Benzyl Chloride

Concen: 0.00 ppbv

RT: 17.00 min Scan# 4419

Delta R.T. 0.01 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

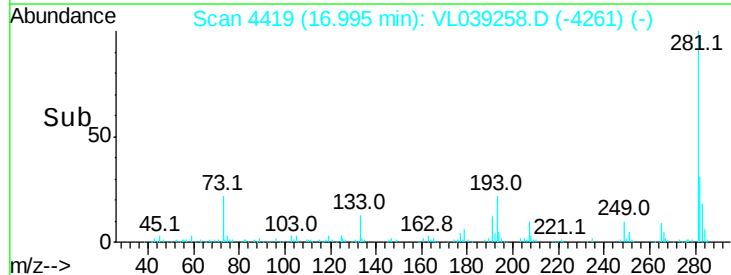
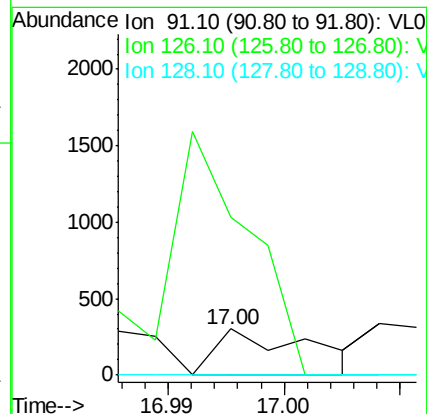
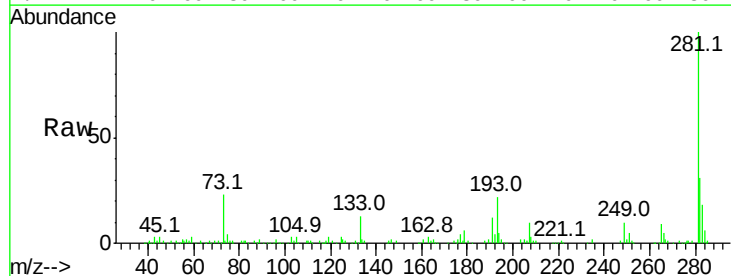
Tgt Ion: 91 Resp: 166

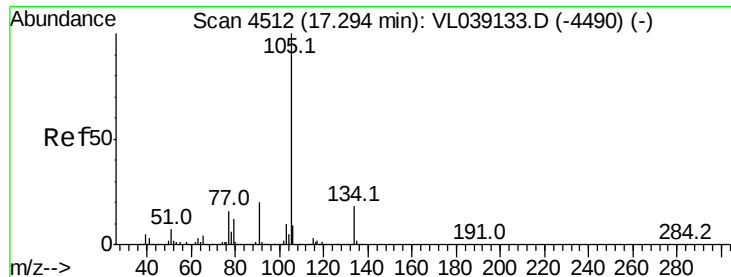
Ion Ratio Lower Upper

91 100

126 1130.7 13.4 20.0#

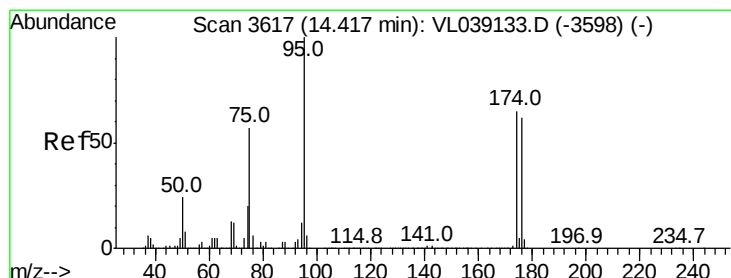
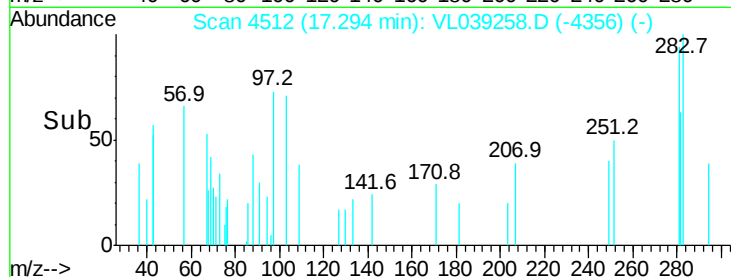
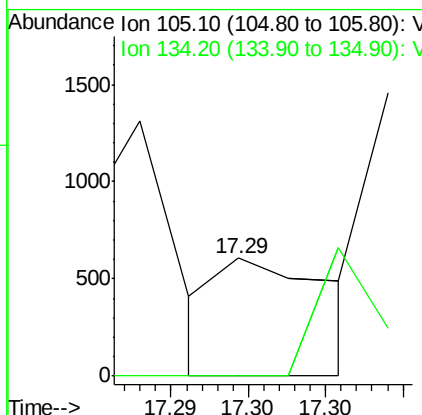
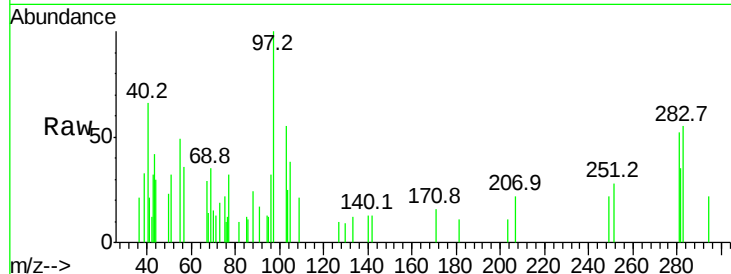
128 0.0 4.1 6.1#





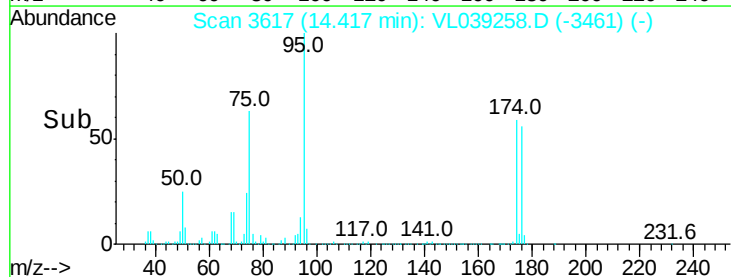
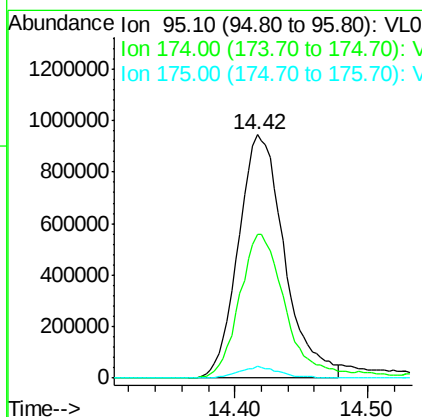
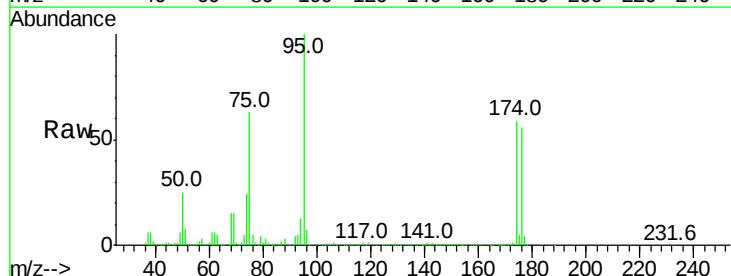
#67
 sec-Butylbenzene
 Concen: 0.00 ppbv
 RT: 17.29 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 OTC-IAZDL
 Acq: 13 Jun 2022 19:13

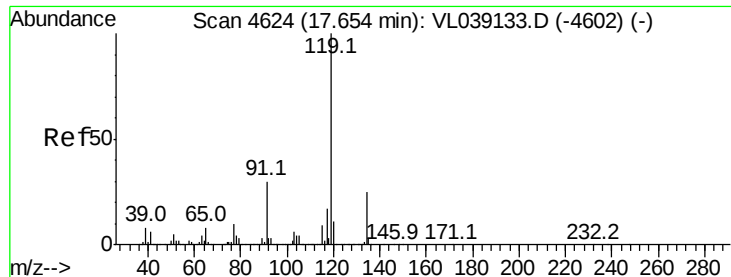
Tgt Ion: 105 Resp: 310
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.16 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.00 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

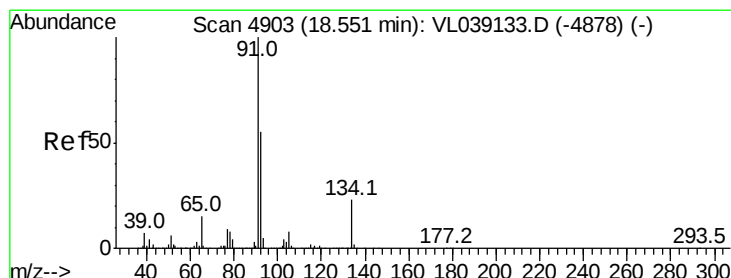
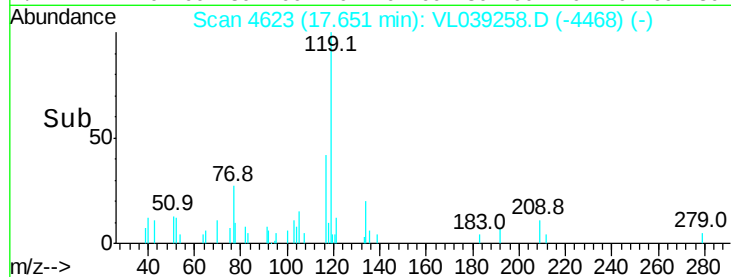
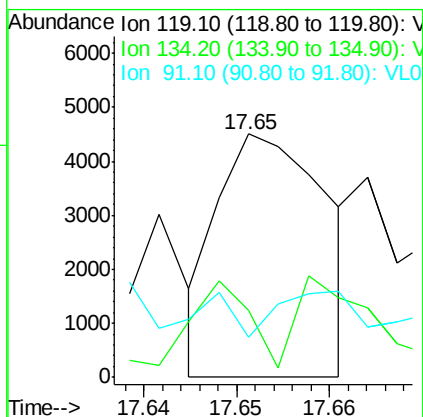
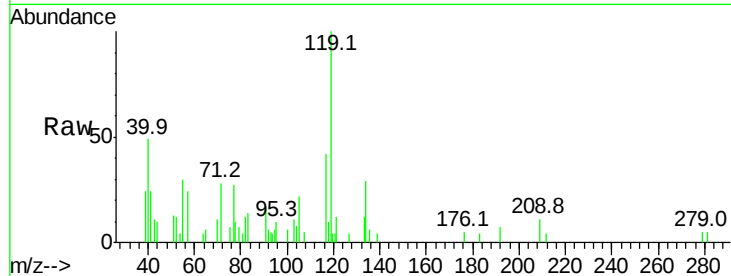
Tgt Ion: 95 Resp: 2286642
 Ion Ratio Lower Upper
 95 100
 174 60.5 53.8 80.8
 175 4.4 4.1 6.1





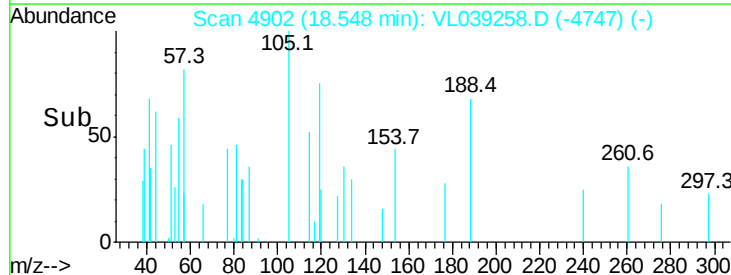
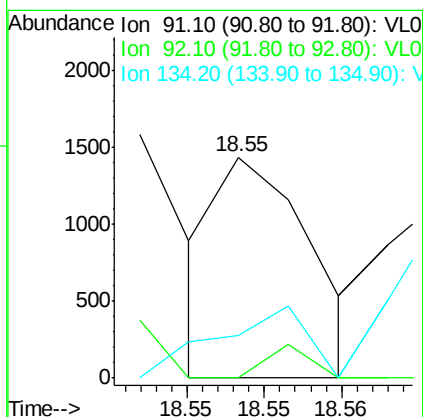
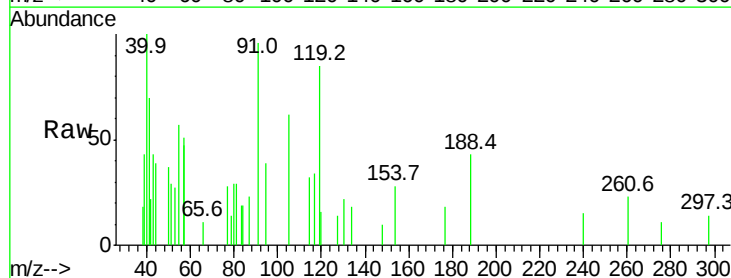
#69
 p-Isopropyltoluene
 Concen: 0.01 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OTC-IAZDL
 Acq: 13 Jun 2022 19:13

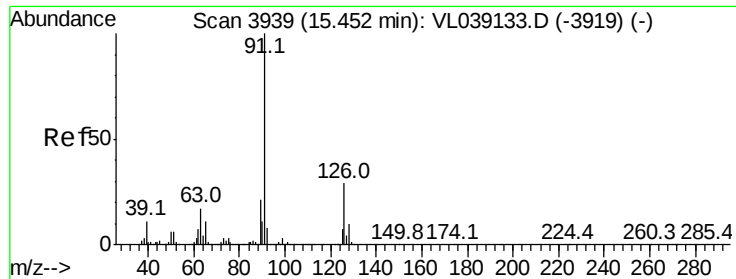
Tgt Ion:	119	Resp:	3672
Ion Ratio	Lower	Upper	
119	100		
134	0.0	20.4	30.6#
91	0.0	24.2	36.4#



#70
 n-Butylbenzene
 Concen: 0.00 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.00 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

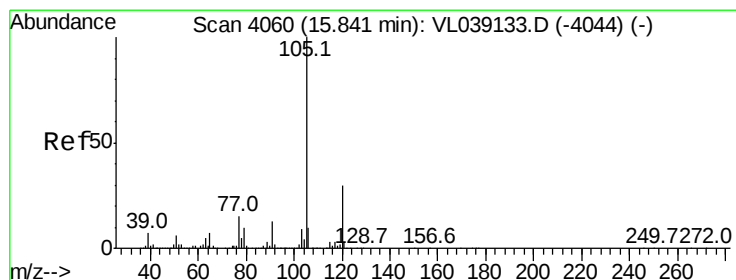
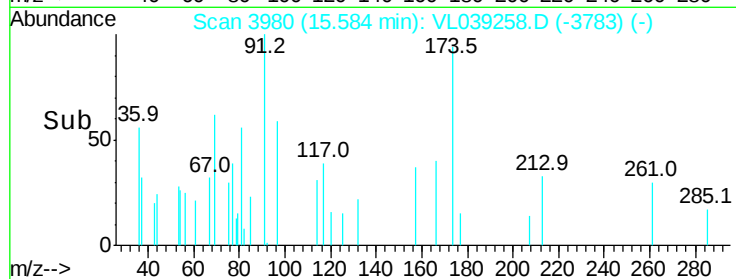
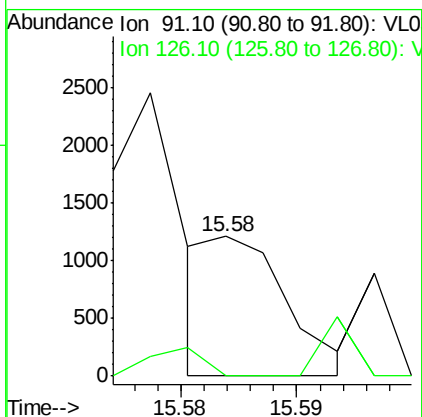
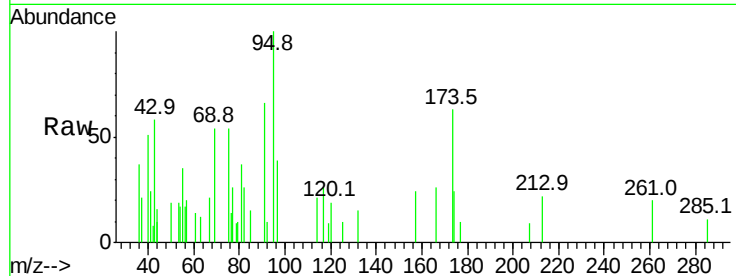
Tgt Ion:	91	Resp:	605
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.6	65.4#
134	0.0	17.7	26.5#





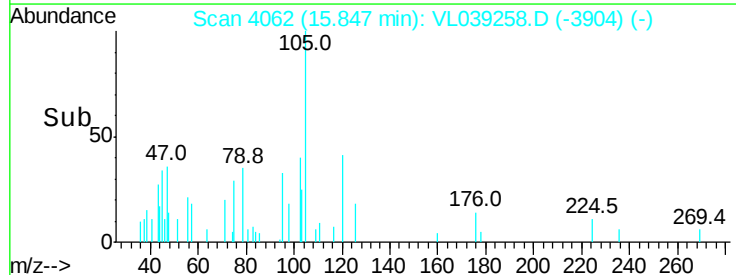
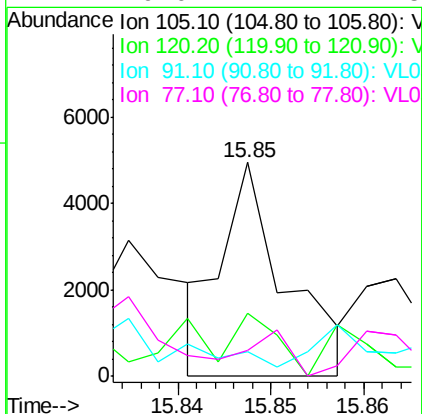
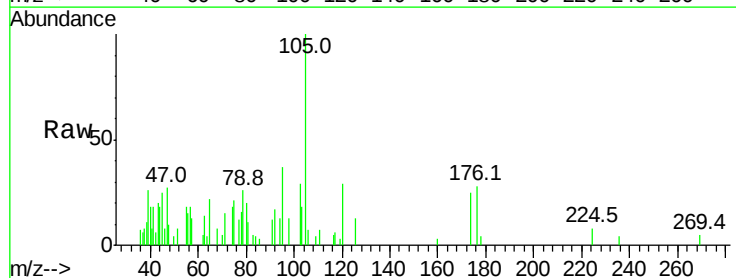
#71
 2-Chlorotoluene
 Concen: 0.00 ppbv
 RT: 15.58 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Jun 2022 19:13

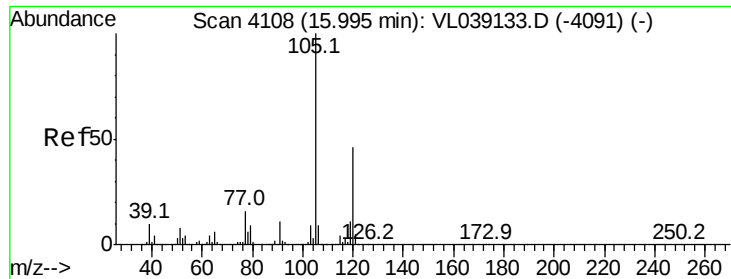
Tgt Ion: 91 Resp: 561
 Ion Ratio Lower Upper
 91 100
 126 32.4 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 0.01 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. 0.01 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

Tgt Ion: 105 Resp: 2372
 Ion Ratio Lower Upper
 105 100
 120 76.0 23.9 35.9#
 91 0.0 10.6 16.0#
 77 0.0 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.01 ppbv

RT: 16.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

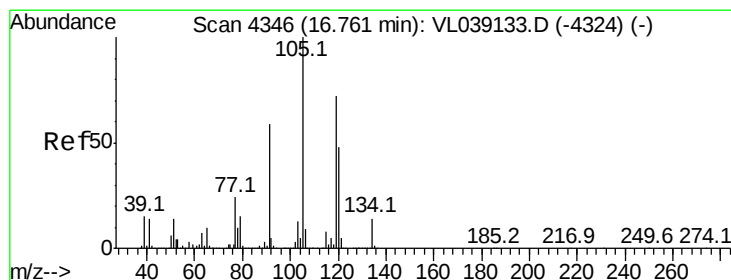
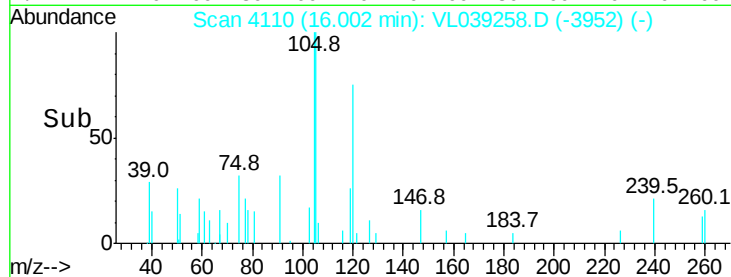
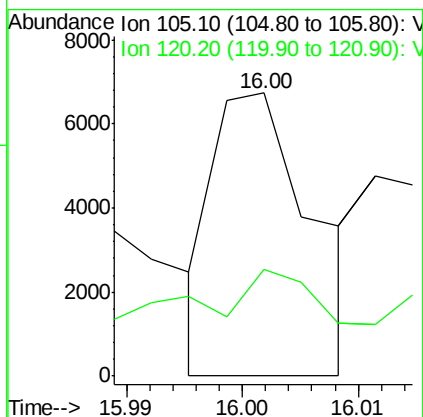
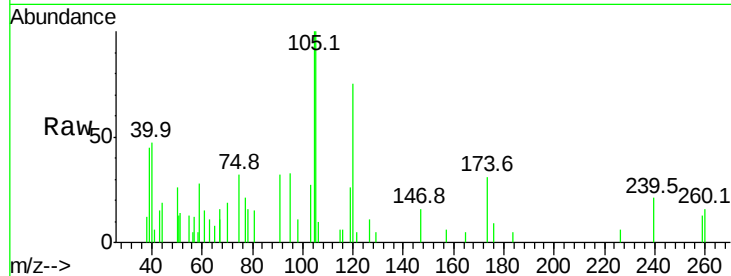
Acq: 13 Jun 2022 19:13 OTC-IAZDL

Tgt Ion:105 Resp: 3983

Ion Ratio Lower Upper

105 100

120 29.5 36.7 55.1#



#74

1,2,4-Trimethylbenzene

Concen: 0.03 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

Tgt Ion:105 Resp: 11591

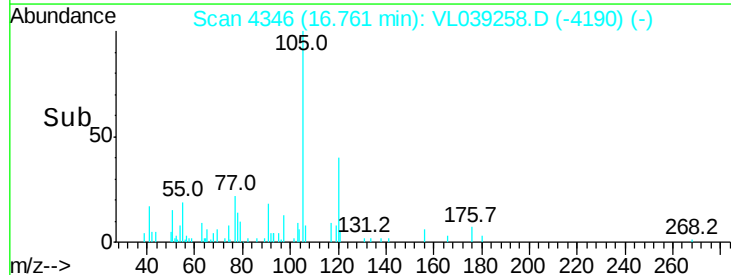
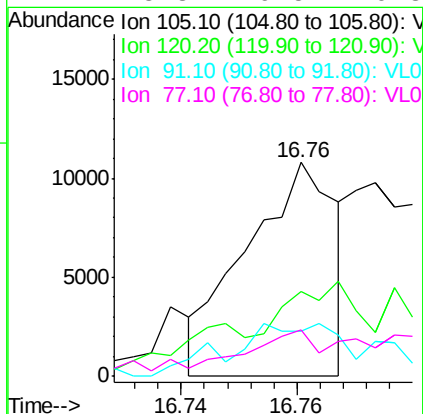
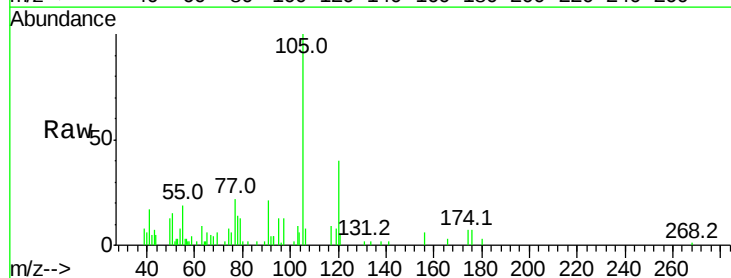
Ion Ratio Lower Upper

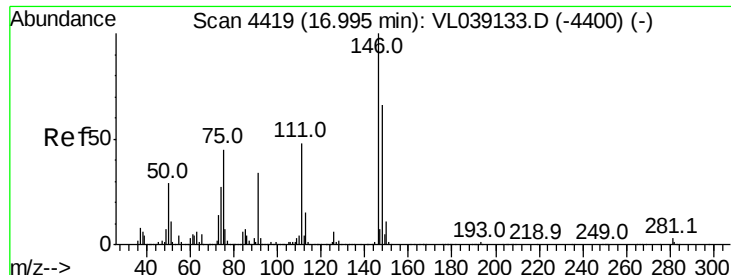
105 100

120 38.0 38.1 57.1#

91 15.2 47.4 71.0#

77 25.3 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 0.00 ppbv

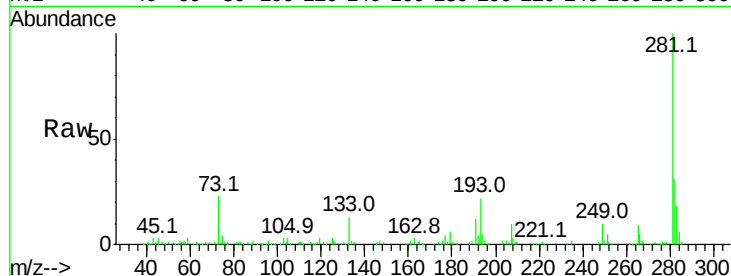
RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 13 Jun 2022 19:13

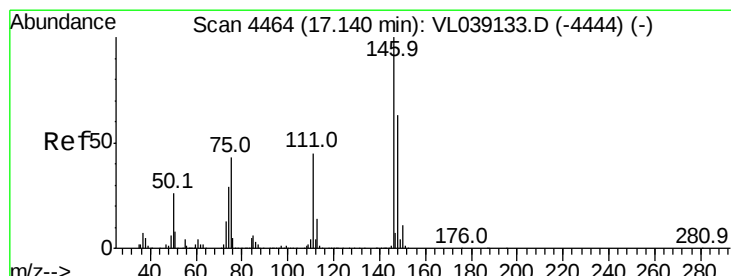
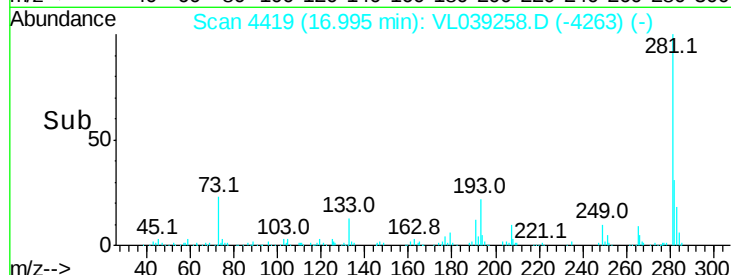
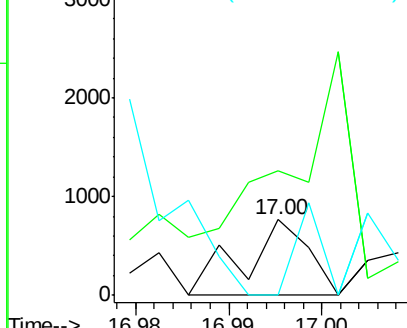
Tgt Ion:	146	Resp:	369
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.8	71.4#
148	0.0	32.4	97.0#



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: 0.00 ppbv

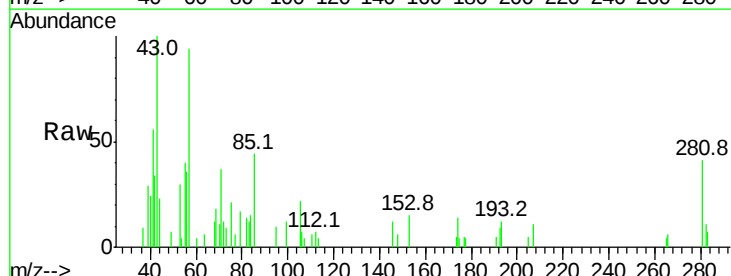
RT: 17.14 min Scan# 4465

Delta R.T. 0.00 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

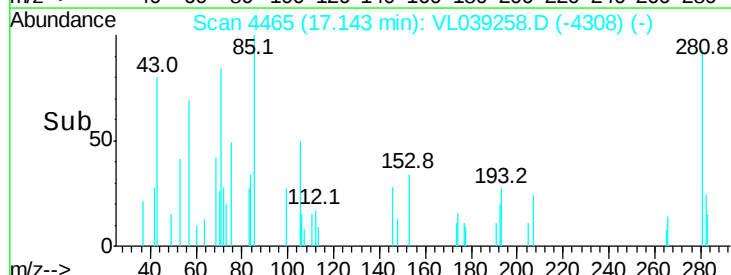
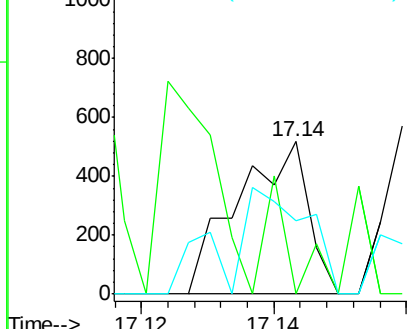
Tgt Ion:	146	Resp:	386
Ion Ratio	Lower	Upper	
146	100		
111	412.4	23.6	71.0#
148	28.0	33.7	101.0#

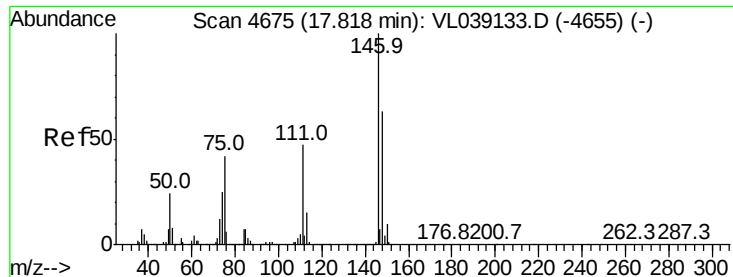


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 0.00 ppbv

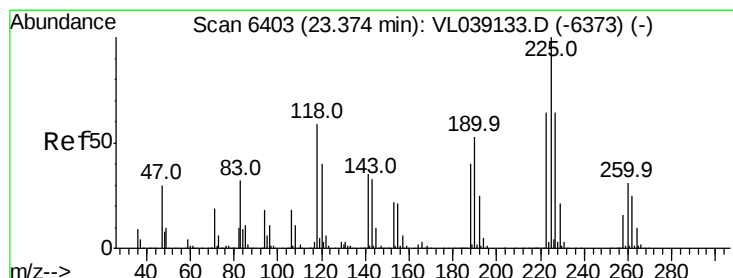
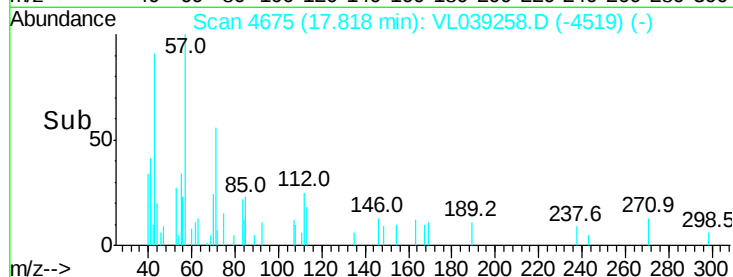
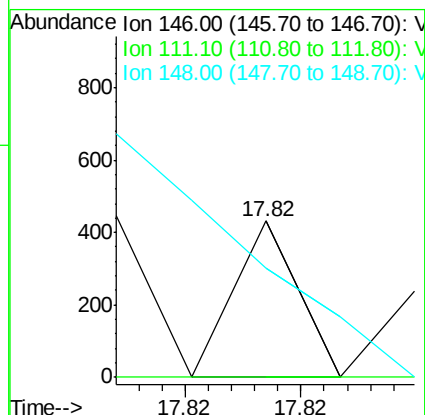
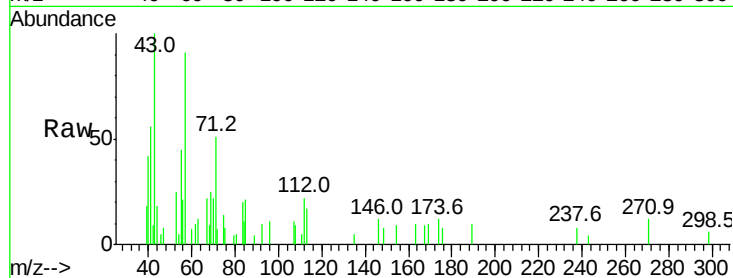
RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jun 2022 19:13

Tgt Ion:	146	Resp:	83
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: 0.00 ppbv

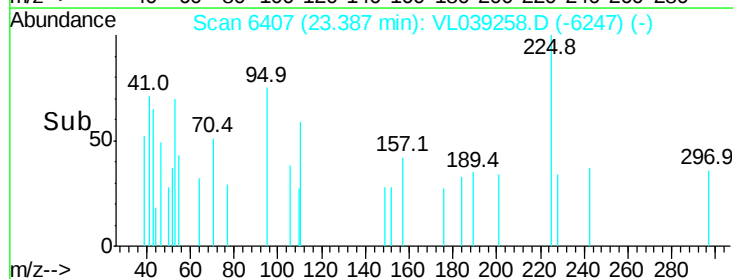
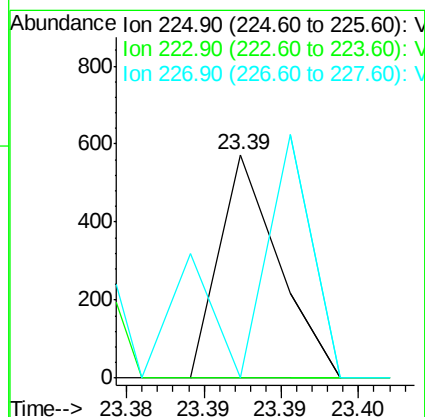
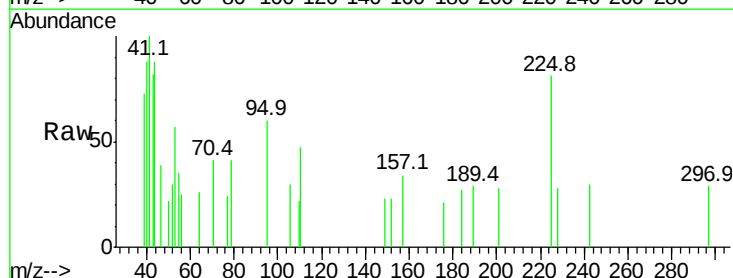
RT: 23.39 min Scan# 6407

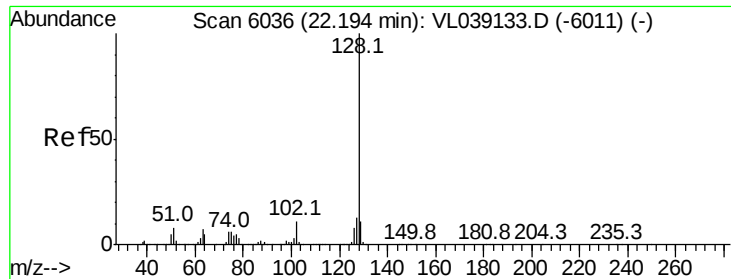
Delta R.T. 0.01 min

Lab File: VL039258.D

Acq: 13 Jun 2022 19:13

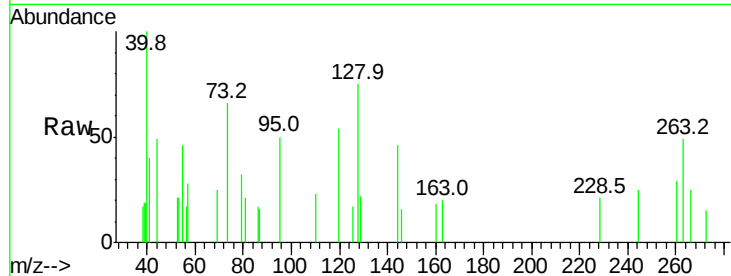
Tgt Ion:	225	Resp:	152
Ion Ratio	Lower	Upper	
225	100		
223	104.6	51.4	77.0#
227	0.0	50.6	75.8#



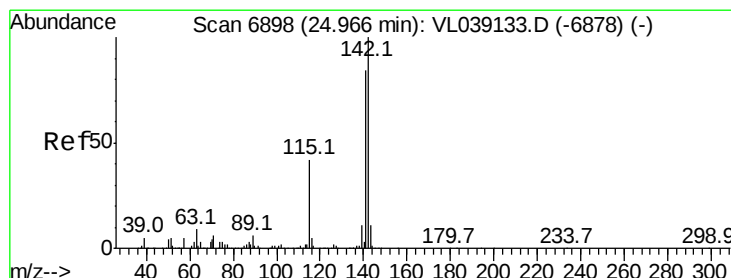
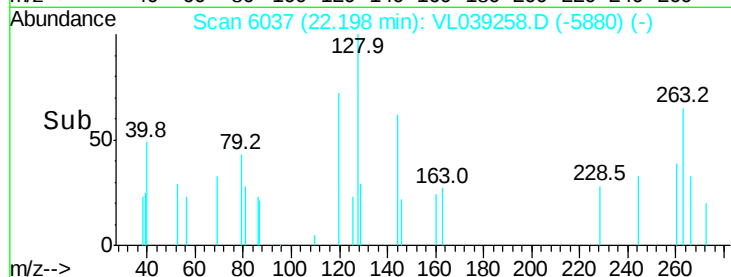
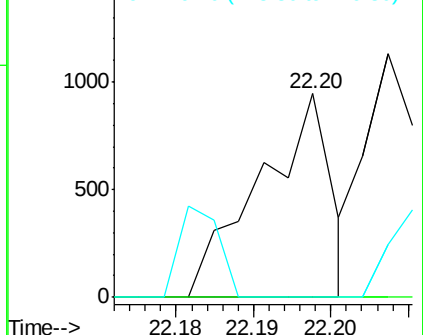


#79
Naphthalene
Concen: 0.00 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Jun 2022 19:13

Tgt Ion: 128 Resp: 610
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 9.0 13.6#

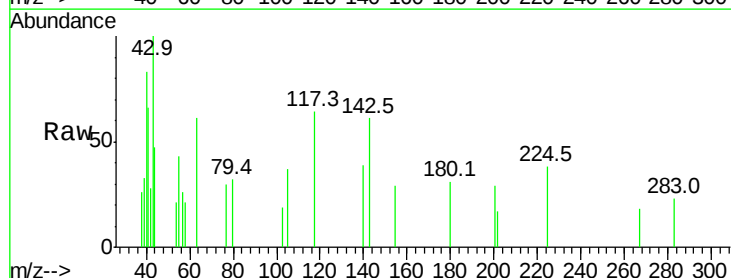


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

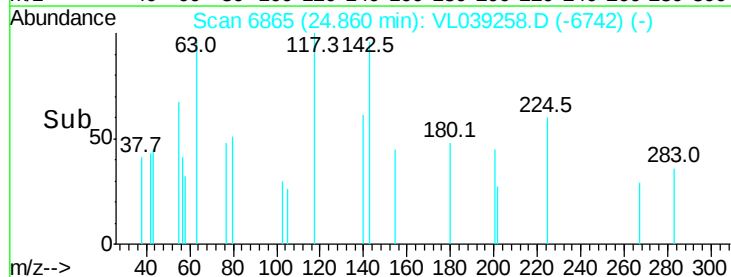
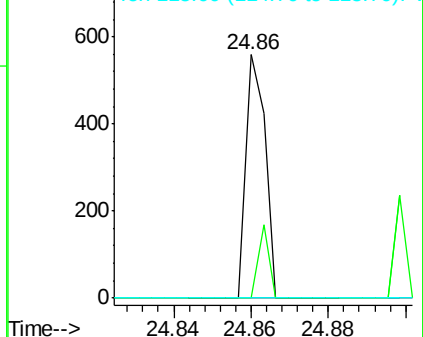


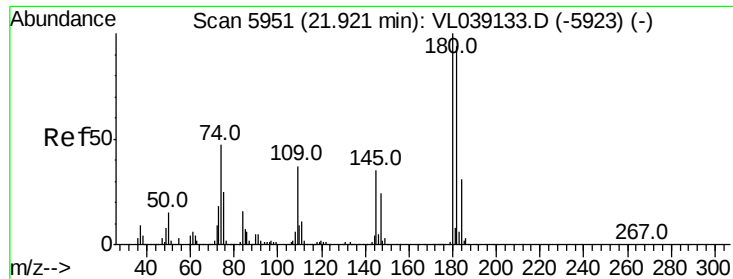
#80
Naphthalene, 2-methyl-
Concen: 0.00 ppbv
RT: 24.86 min Scan# 6865
Delta R.T.: -0.11 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion: 142 Resp: 190
Ion Ratio Lower Upper
142 100
141 16.8 64.6 96.8#
115 32.6 32.7 49.1#



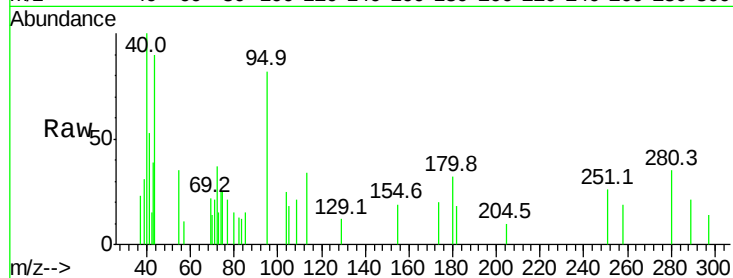
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.00 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 OTC-IAZDL
 Acq: 13 Jun 2022 19:13

Tgt Ion: 180 Resp: 223
 Ion Ratio Lower Upper
 180 100
 182 127.4 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

