

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
 Data File : VL039245.D
 Acq On : 8 Jun 2022 21:44
 Operator : SY/AP
 Sample : N3214-14 0.5LOQ
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022

Quant Time: Jun 09 06:41:52 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.68	49	949801	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2201061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1894785	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1736534	11.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.20	85	101865	0.611	ppbv	99
3) Chlorodifluoromethane	3.00	51	75367	0.624	ppbv	93
4) Chloromethane	3.15	50	33052	0.532	ppbv #	86
5) Vinyl Chloride	3.27	62	14783	0.255	ppbv	98
6) Bromomethane	3.48	94	8193	0.287	ppbv	91
7) Chloroethane	3.57	64	13041	0.645	ppbv	99
8) Dichlorotetrafluoroethane	3.20	85	101865	0.668	ppbv	93
9) Propene	3.02	41	14458	0.274	ppbv #	15
10) Heptane	8.13	43	26427	0.215	ppbv #	26
11) Trichlorofluoromethane	3.96	101	119455	0.791	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.50	101	82458	0.826	ppbv	92
13) Ethanol	3.61	45	354	0.123	ppbv #	100
14) Bromoethene	3.75	108	16252	0.362	ppbv #	1
15) Acetone	3.88	43	69748	0.705	ppbv	94
16) 1,3-Butadiene	3.34	39	27059	0.509	ppbv #	79
17) tert-Butyl alcohol	4.30	59	22770	0.297	ppbv #	70
18) 1,1-Dichloroethene	4.30	96	31019	0.692	ppbv	94
20) Methylene Chloride	4.36	84	34381	0.825	ppbv	89
21) Allvl Chloride	4.42	41	24711	0.370	ppbv #	10
22) trans-1,2-Dichloroethene	4.90	96	31588	0.733	ppbv	83
23) Vinyl Acetate	5.09	43	38041	0.465	ppbv	97
24) 1,1-Dichloroethane	5.02	63	74390	0.663	ppbv	100
25) Ethyl Acetate	5.69	43	100477	0.451	ppbv	98
26) Hexane	5.70	57	25528	0.261	ppbv #	1
27) Carbon Disulfide	4.56	76	60919	0.600	ppbv #	87
28) Methyl tert-Butyl Ether	5.05	73	60141	0.556	ppbv	96
29) Chloroform	5.76	83	77996	0.473	ppbv	87
30) Cyclohexane	7.14	84	14960	0.182	ppbv #	1
31) cis-1,2-Dichloroethene	5.56	61	26790	0.268	ppbv	93
32) 1,1,1-Trichloroethane	6.52	97	90115	0.558	ppbv	96
34) 2-Butanone	5.27	43	52073	0.435	ppbv	100
35) Carbon Tetrachloride	7.02	117	52487	0.327	ppbv #	87
36) Benzene	6.91	78	48019	0.269	ppbv #	92
37) 1,2-Dichloroethane	6.31	62	68422	0.582	ppbv	100
38) Trichloroethene	7.84	130	22305	0.272	ppbv #	77
39) 1,2-Dichloropropane	7.63	63	31555	0.444	ppbv #	84
41) Tetrahydrofuran	6.09	42	22165	0.308	ppbv #	69
42) Bromodichloromethane	7.80	83	84717	0.519	ppbv #	93
43) Methyl Methacrylate	8.02	69	8246	0.118	ppbv #	1
44) 2,2,4-Trimethylpentane	7.88	57	139949	0.448	ppbv #	85
45) t-1,3-Dichloropropene	9.32	75	2191	0.030	ppbv	98

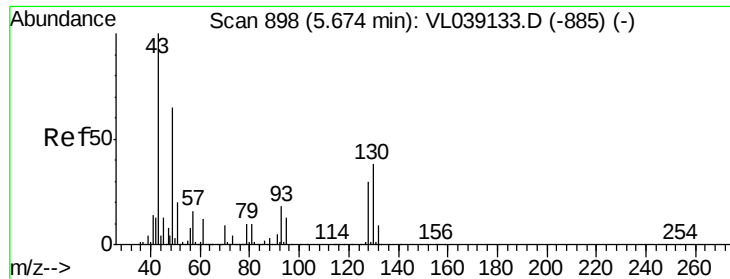
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Quant Time: Jun 09 06:41:52 2022
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 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.72	75	12324	0.129	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	35712	0.482	ppbv #	85
48) Dibromochloromethane	10.31	129	59473	0.449	ppbv	98
49) Bromoform	13.05	173	10678	0.097	ppbv #	1
50) 4-Methyl-2-Pentanone	8.76	43	26375	0.147	ppbv #	39
51) 2-Hexanone	10.15	43	15551	0.112	ppbv #	1
52) Tetrachloroethene	11.24	164	19558	0.280	ppbv	90
53) Toluene	9.82	91	84056	0.409	ppbv	100
54) 1,2-Dibromoethane	10.62	107	47690	0.479	ppbv	90
56) 1,1,1,2-Tetrachloroethane	12.13	131	45160	0.504	ppbv #	1
57) Chlorobenzene	12.16	112	74426	0.522	ppbv #	87
58) Ethyl Benzene	12.72	91	64536	0.247	ppbv	90
59) m/p-Xylene	13.00	91	80740	0.351	ppbv #	1
60) o-Xylene	13.70	91	117197	0.543	ppbv	93
61) Styrene	13.54	104	27486	0.238	ppbv #	28
62) Isopropylbenzene	14.67	105	162968	0.508	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	32444	0.268	ppbv #	24
64) n-propylbenzene	15.57	120	25136	0.319	ppbv #	1
65) tert-Butylbenzene	16.75	119	68224	0.232	ppbv #	1
66) Benzyl Chloride	16.99	91	4414	0.116	ppbv #	64
67) sec-Butylbenzene	17.30	105	205801	0.514	ppbv	97
69) p-Isopropyltoluene	17.66	119	81757	0.242	ppbv #	29
70) n-Butylbenzene	18.56	91	103591	0.299	ppbv #	61
71) 2-Chlorotoluene	15.46	91	61985	0.253	ppbv #	44
72) 4-Ethyltoluene	15.84	105	65150	0.257	ppbv #	56
73) 1,3,5-Trimethylbenzene	16.00	105	117237	0.514	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.76	105	131496	0.516	ppbv #	92
75) 1,3-Dichlorobenzene	17.00	146	45814	0.318	ppbv #	42
76) 1,4-Dichlorobenzene	17.14	146	24501	0.170	ppbv #	1
77) 1,2-Dichlorobenzene	17.82	146	67862	0.467	ppbv	88
78) Hexachloro-1,3-Butadiene	23.38	225	42561	0.320	ppbv #	35
79) Naphthalene	22.19	128	14982	0.076	ppbv #	82
80) Naphthalene,2-methyl-	24.97	142	7317	0.100	ppbv #	85
81) 1,2,4-Trichlorobenzene	21.92	180	18402	0.148	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

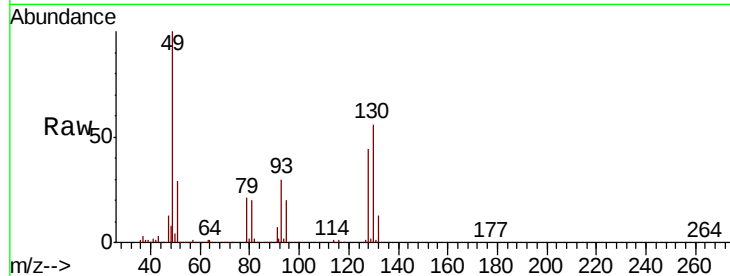
Tot Ion: 49 Resp: 949801

Ion Ratio Lower Upper

49 100

128 47.3 24.7 74.1

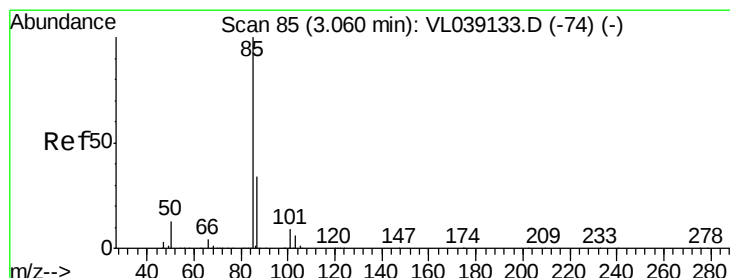
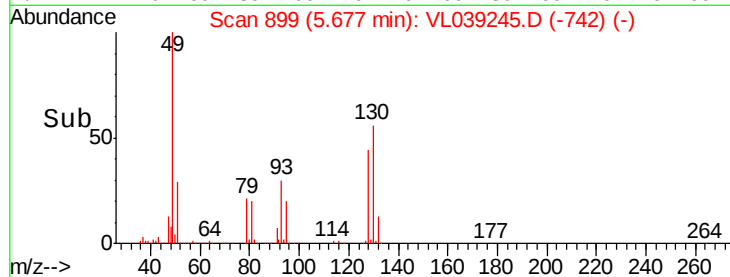
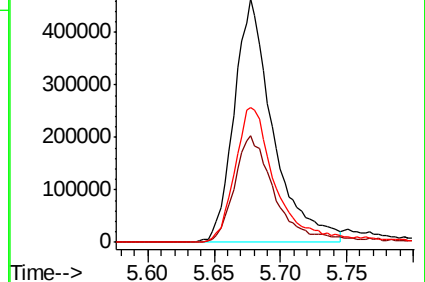
130 60.3 31.4 94.0



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: 0.611 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.14 min

Lab File: VL039245.D

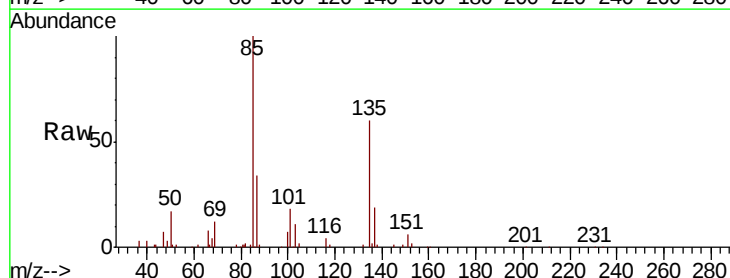
Acq: 8 Jun 2022 21:44

Tgt Ion: 85 Resp: 101865

Ion Ratio Lower Upper

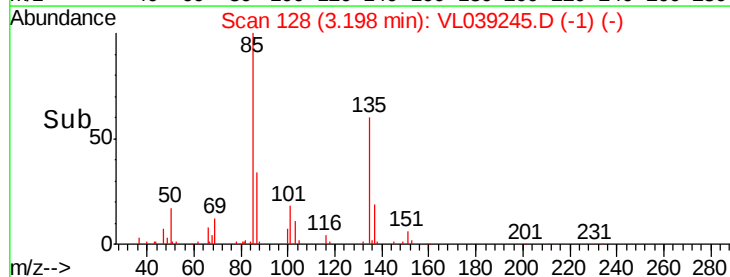
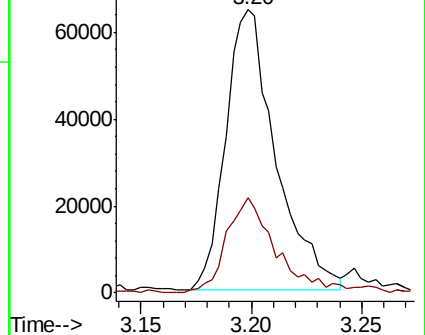
85 100

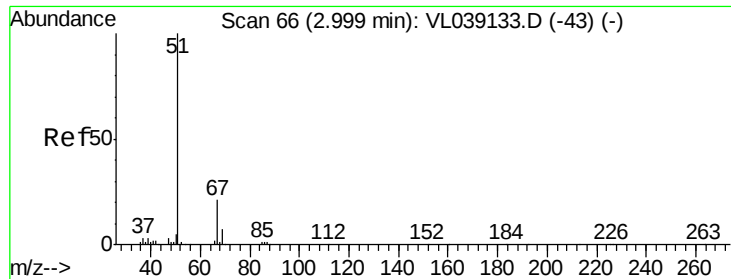
87 33.0 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.624 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

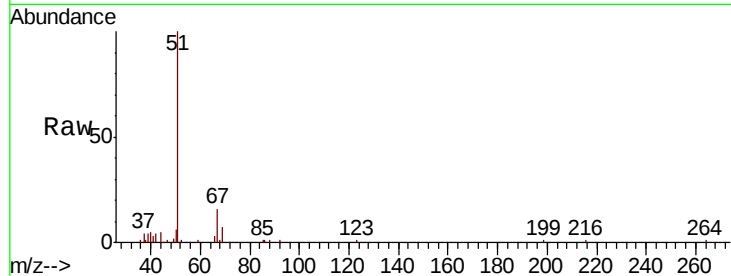
Acq: 8 Jun 2022 21:44

Tot Ion: 51 Resp: 75367

Ion Ratio Lower Upper

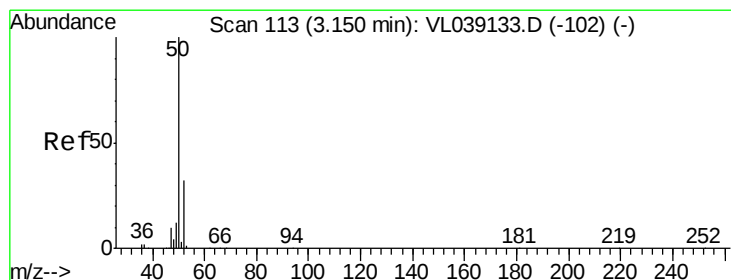
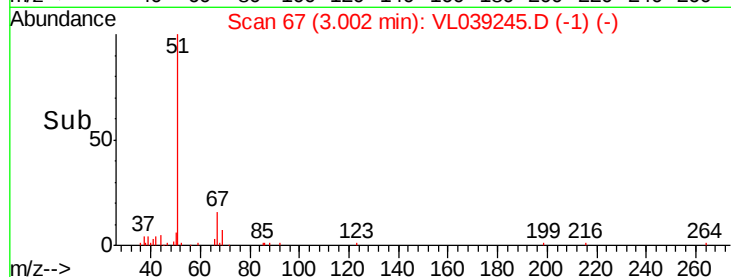
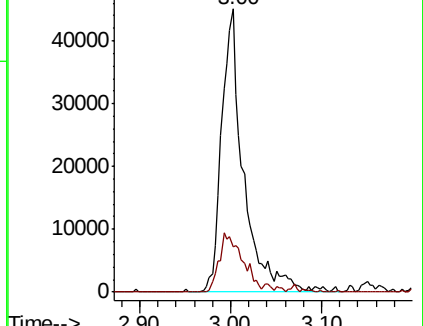
51 100

67 23.5 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: 0.532 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.00 min

Lab File: VL039245.D

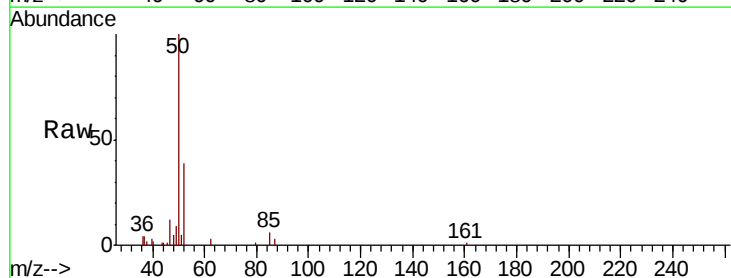
Acq: 8 Jun 2022 21:44

Tgt Ion: 50 Resp: 33052

Ion Ratio Lower Upper

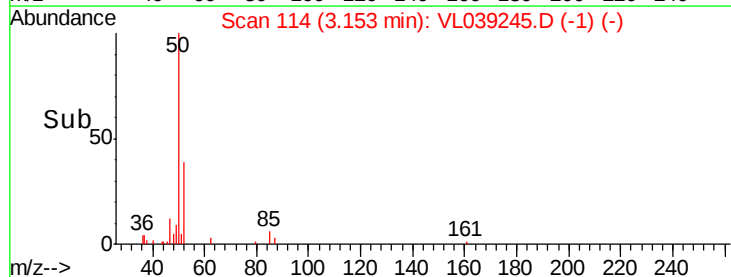
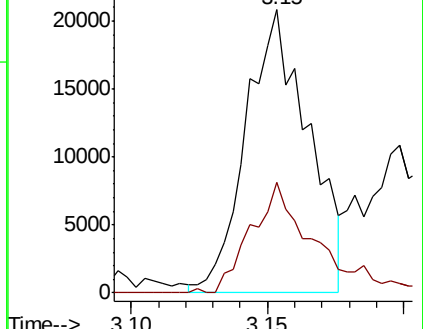
50 100

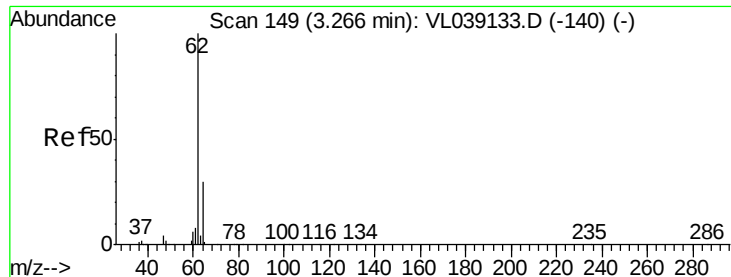
52 40.1 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.255 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

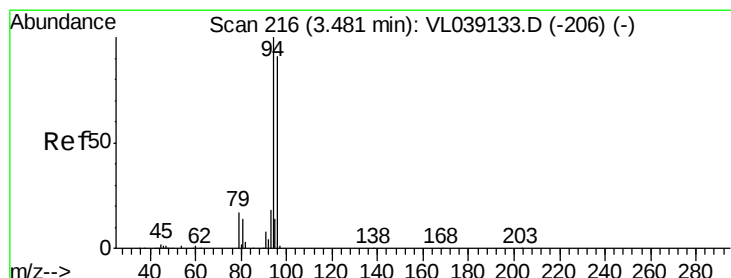
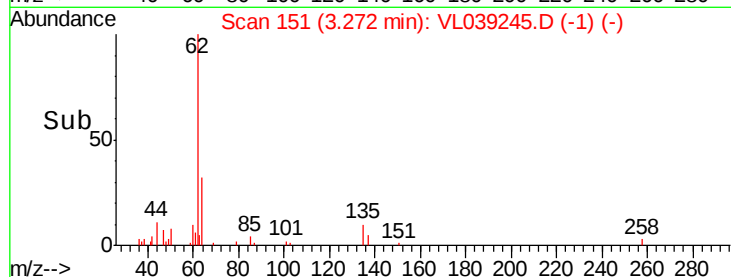
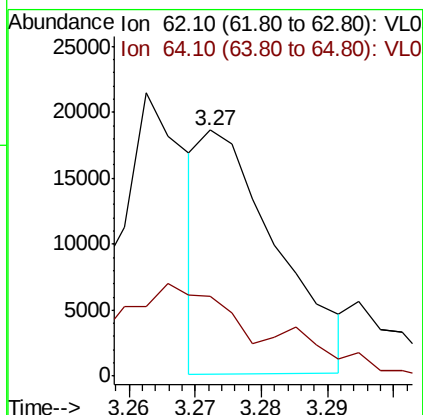
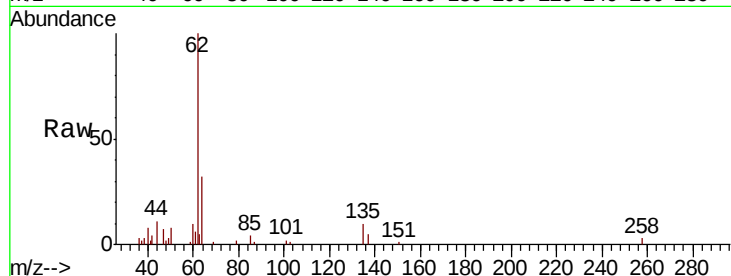
Acq: 8 Jun 2022 21:44

Tot Ion: 62 Resp: 14783

Ion Ratio Lower Upper

62 100

64 31.4 24.2 36.2



#6

Bromomethane

Concen: 0.287 ppbv

RT: 3.48 min Scan# 216

Delta R.T. -0.00 min

Lab File: VL039245.D

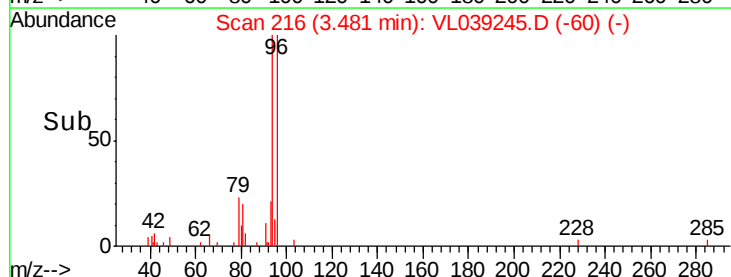
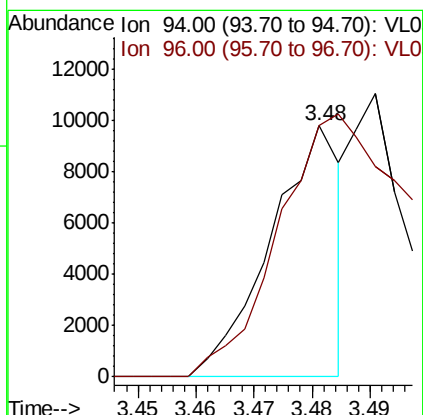
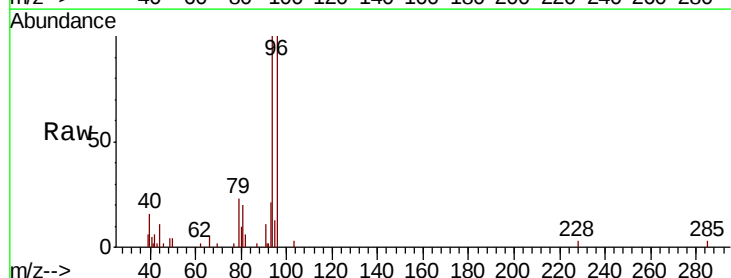
Acq: 8 Jun 2022 21:44

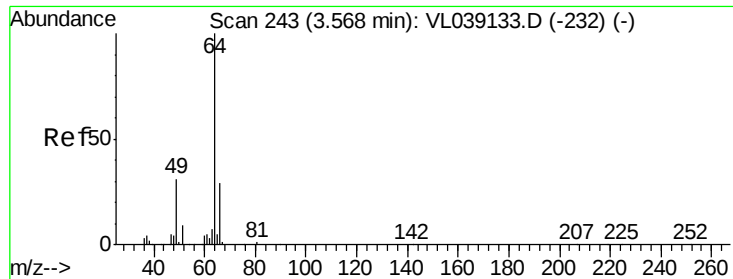
Tgt Ion: 94 Resp: 8193

Ion Ratio Lower Upper

94 100

96 100.0 73.0 109.4





#7

Chloroethane

Concen: 0.645 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

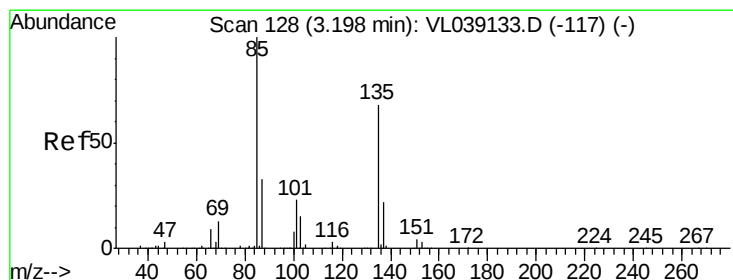
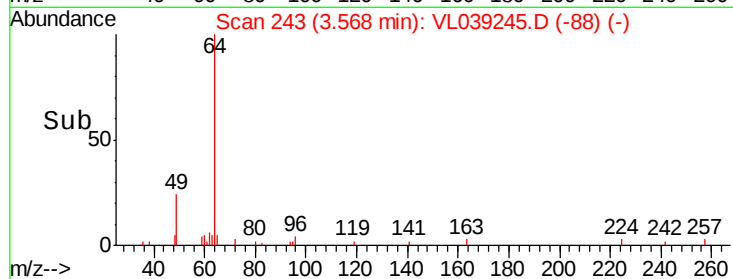
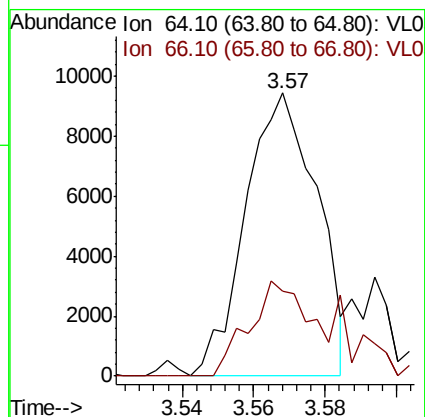
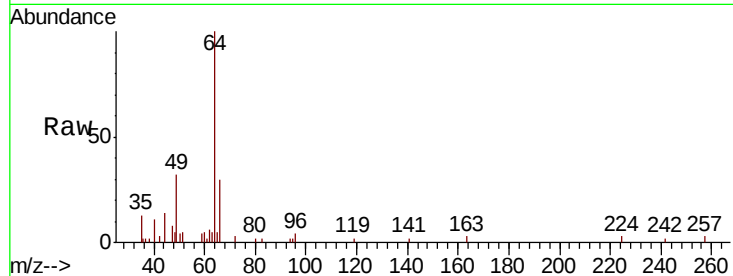
Acq: 8 Jun 2022 21:44

Tot Ion: 64 Resp: 13041

Ion Ratio Lower Upper

64 100

66 30.2 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 0.668 ppbv

RT: 3.20 min Scan# 128

Delta R.T. -0.00 min

Lab File: VL039245.D

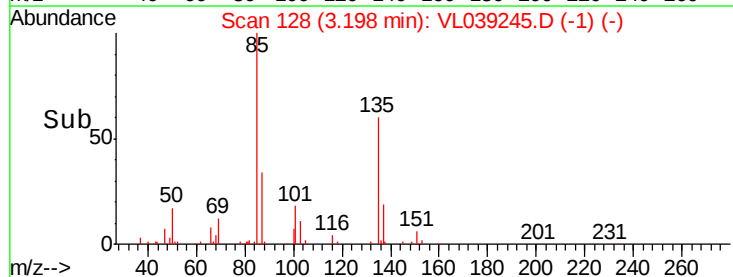
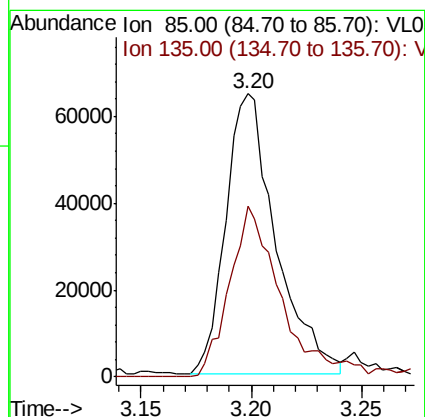
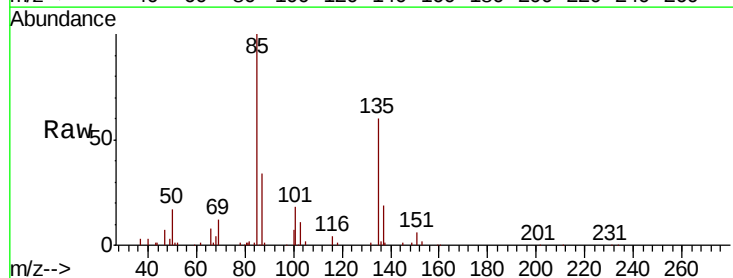
Acq: 8 Jun 2022 21:44

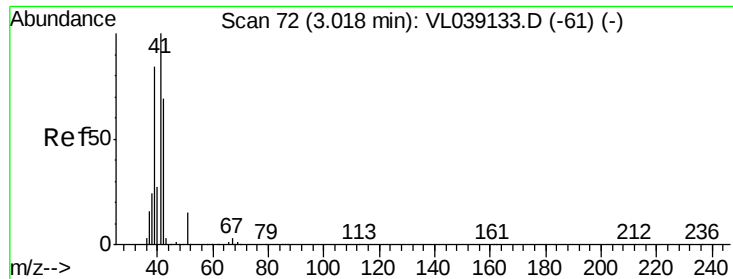
Tgt Ion: 85 Resp: 101865

Ion Ratio Lower Upper

85 100

135 62.9 55.0 82.4





#9

Propene

Concen: 0.274 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

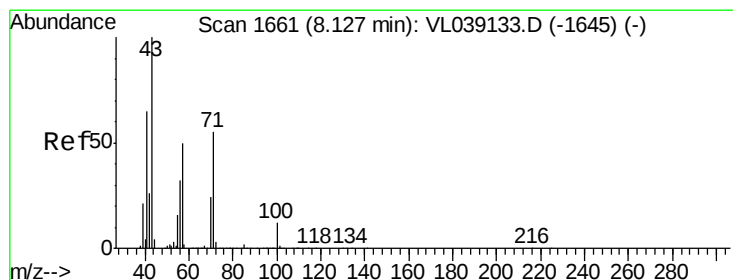
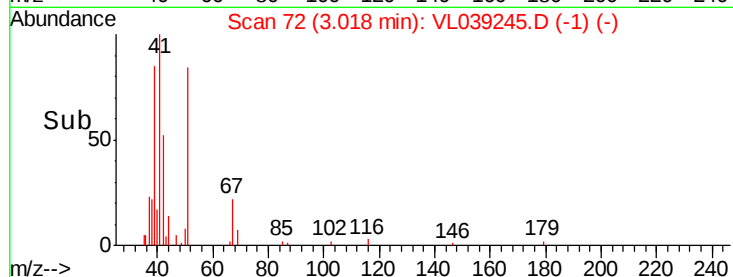
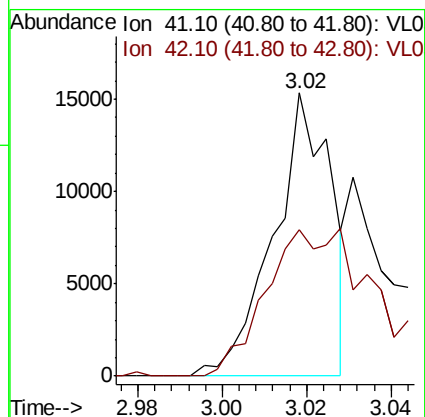
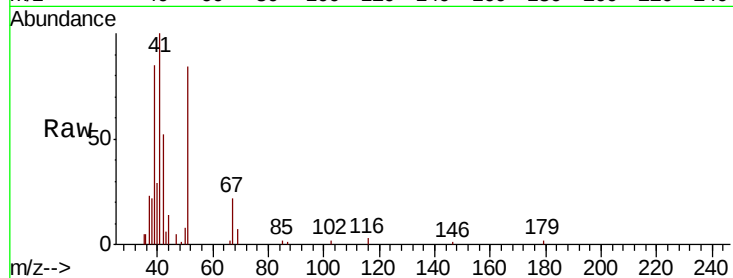
Acq: 8 Jun 2022 21:44

Tot Ion: 41 Resp: 14458

Ion Ratio Lower Upper

41 100

42 0.0 55.4 83.2#



#10

Heptane

Concen: 0.215 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL039245.D

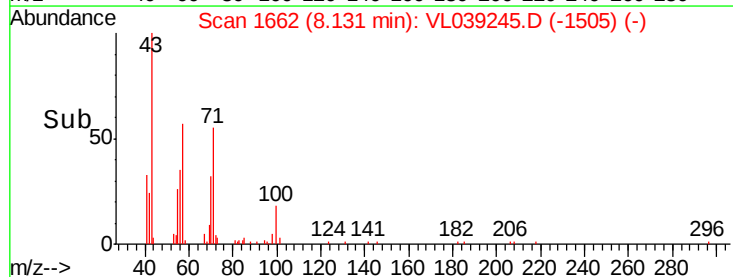
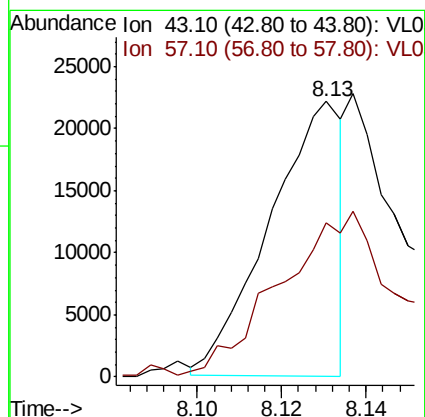
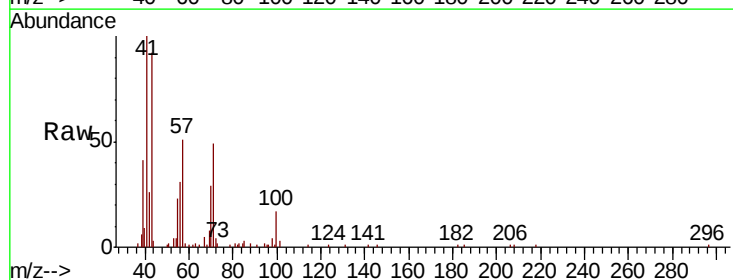
Acq: 8 Jun 2022 21:44

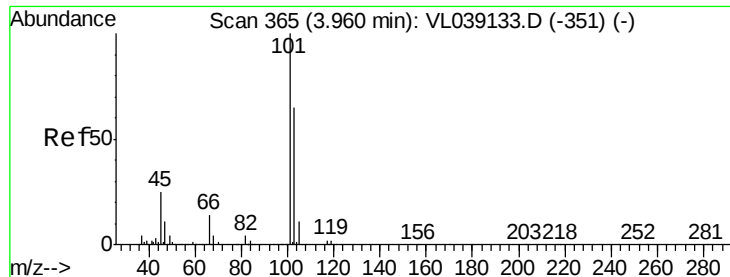
Tgt Ion: 43 Resp: 26427

Ion Ratio Lower Upper

43 100

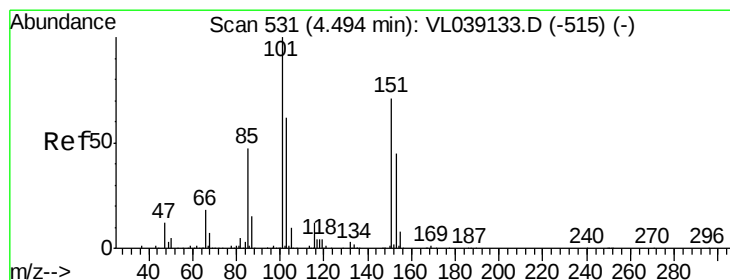
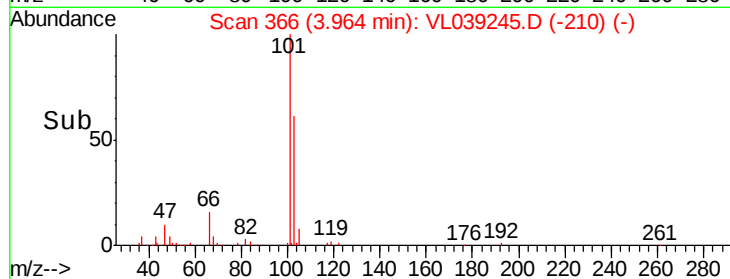
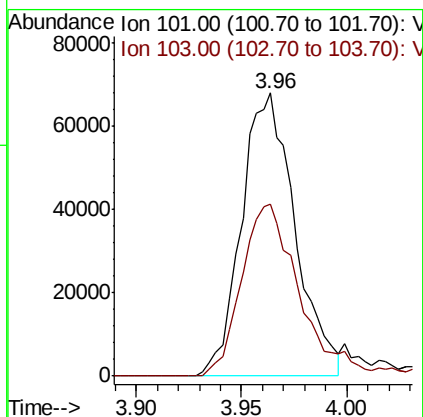
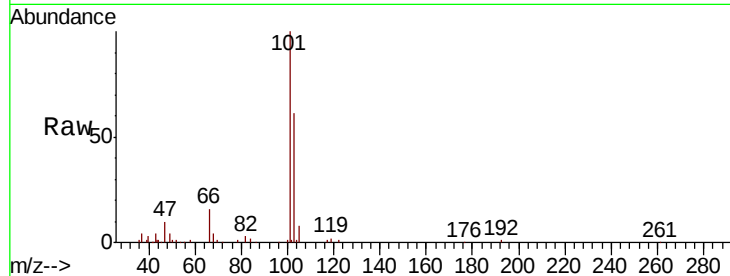
57 0.0 41.4 62.2#





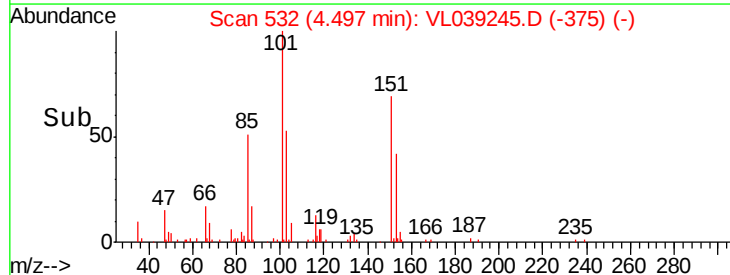
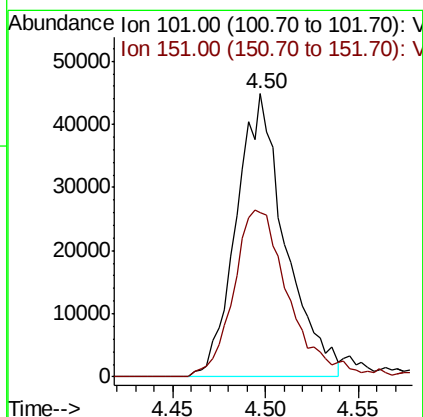
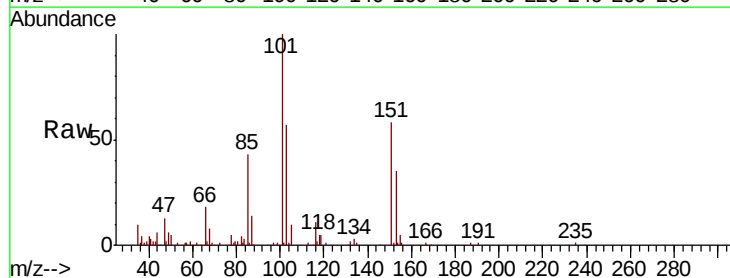
#11
 Trichlorofluoromethane
 Concen: 0.791 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

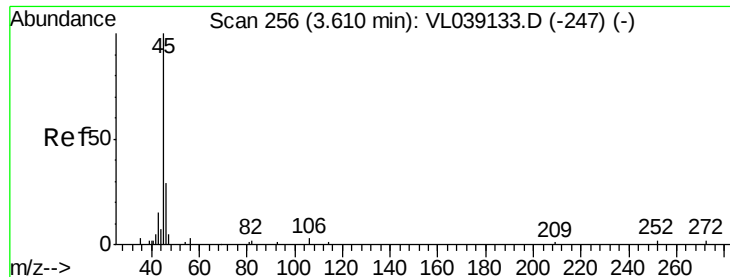
Tot Ion:101 Resp: 119455
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.826 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T.: 0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

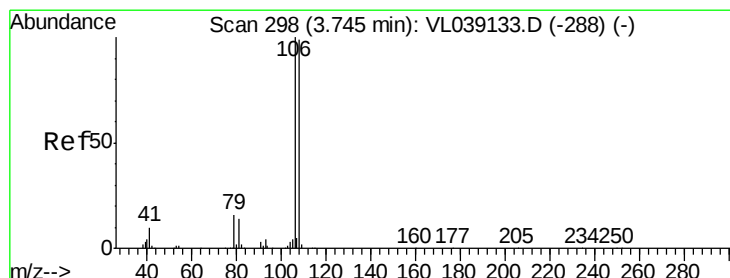
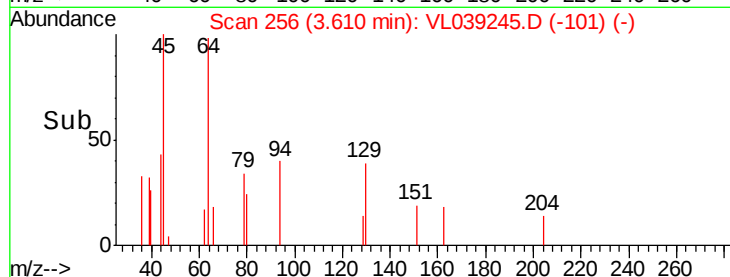
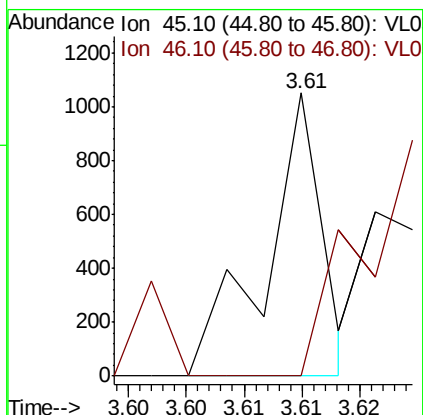
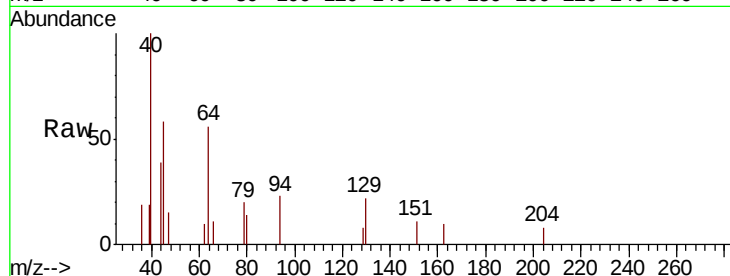
Tgt Ion:101 Resp: 82458
 Ion Ratio Lower Upper
 101 100
 151 67.8 59.4 89.0





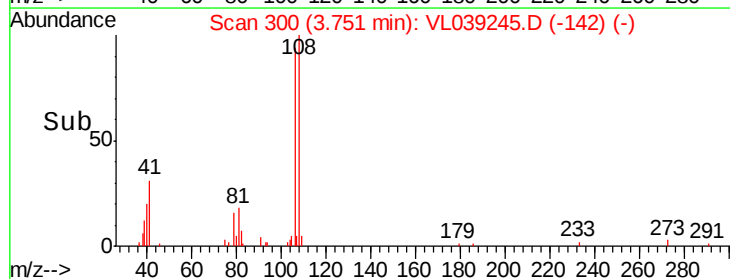
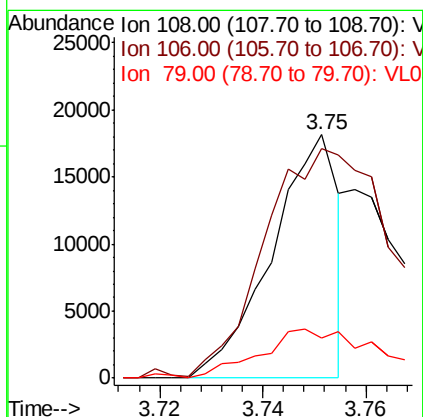
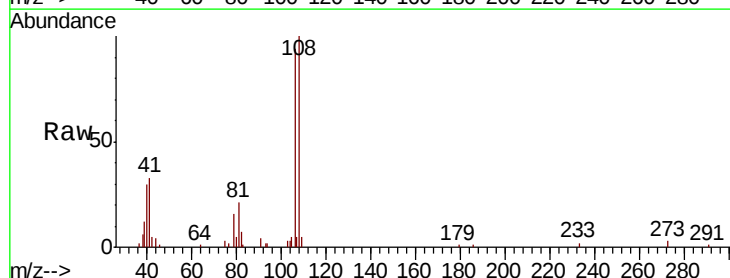
#13
 Ethanol
 Concen: 0.123 ppbv
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

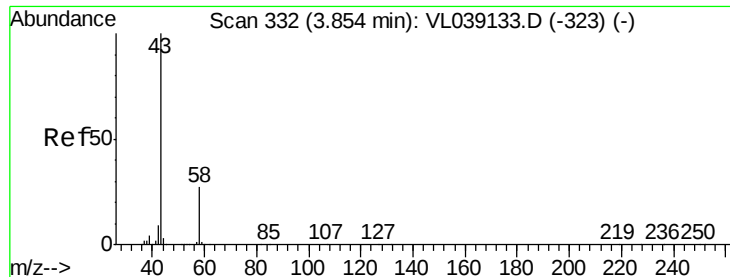
Tot Ion: 45 Resp: 354
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0



#14
 Bromoethene
 Concen: 0.362 ppbv
 RT: 3.75 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

Tgt Ion: 108 Resp: 16252
 Ion Ratio Lower Upper
 108 100
 106 220.0 88.4 132.6#
 79 47.3 13.4 20.2#





#15

Acetone

Concen: 0.705 ppbv

RT: 3.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

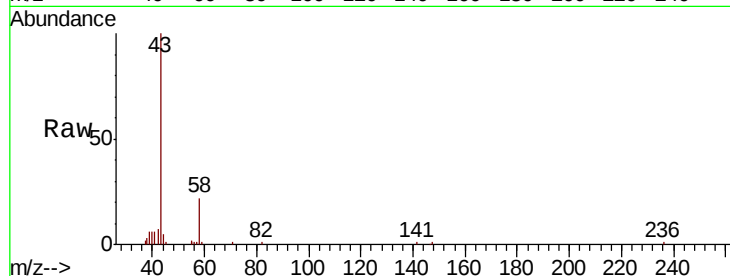
Acq: 8 Jun 2022 21:44

Tot Ion: 43 Resp: 69748

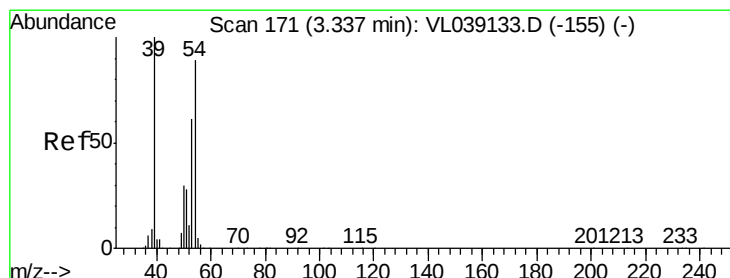
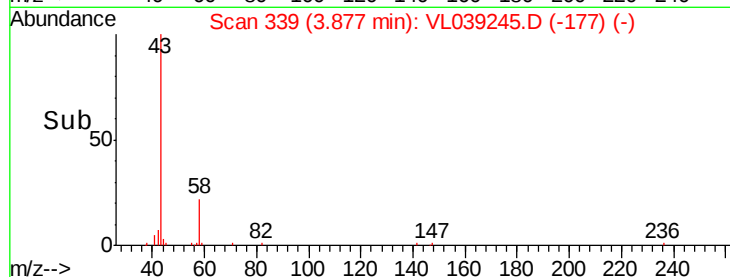
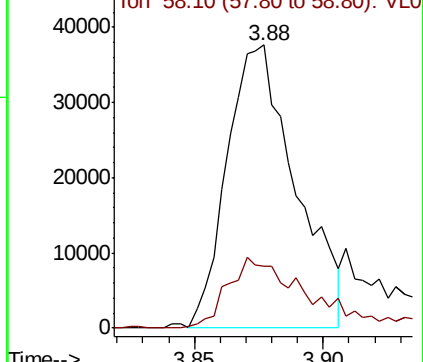
Ion Ratio Lower Upper

43 100

58 31.2 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0



#16

1,3-Butadiene

Concen: 0.509 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.00 min

Lab File: VL039245.D

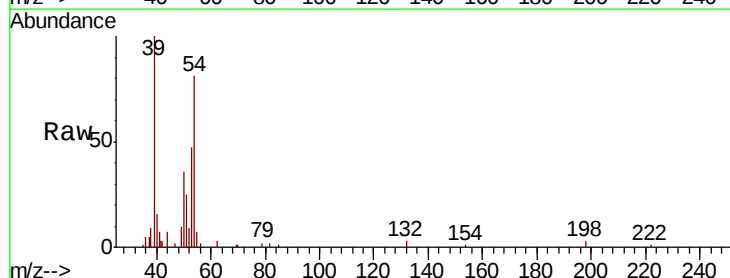
Acq: 8 Jun 2022 21:44

Tgt Ion: 39 Resp: 27059

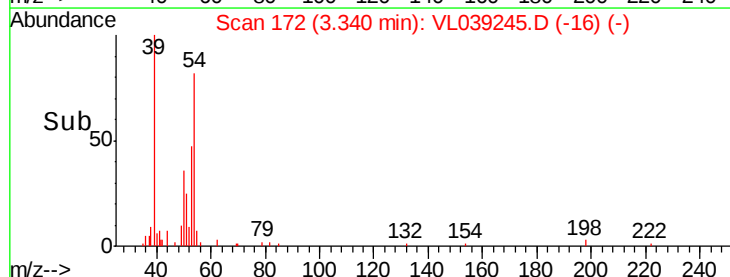
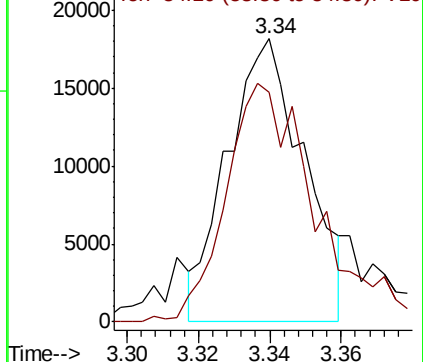
Ion Ratio Lower Upper

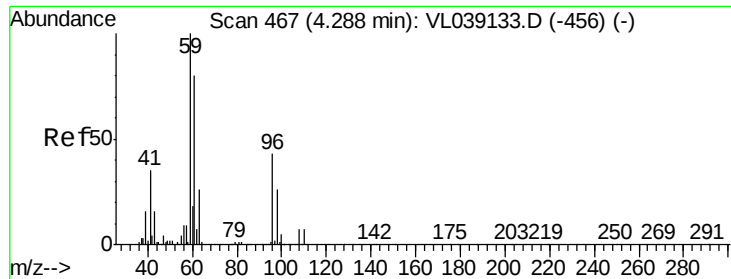
39 100

54 101.4 65.8 98.6#



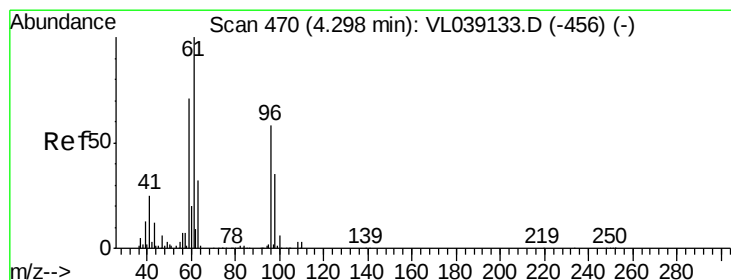
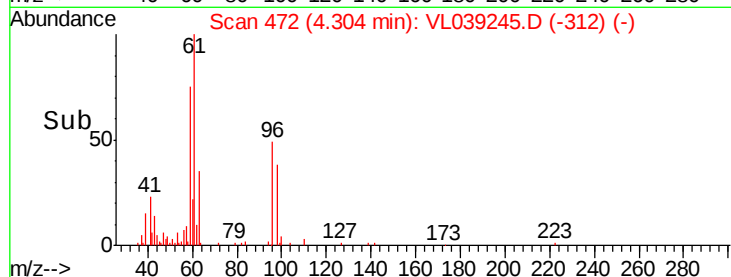
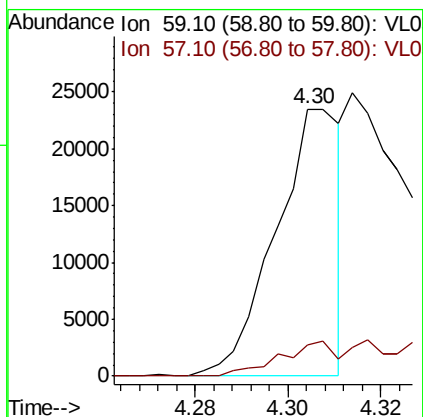
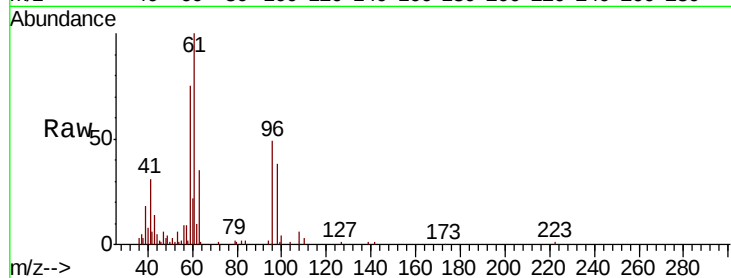
Abundance Ion 39.10 (38.80 to 39.80): VL0





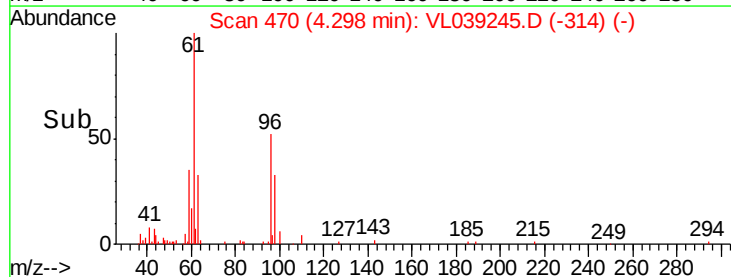
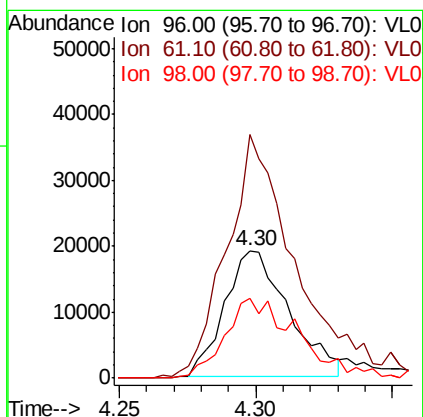
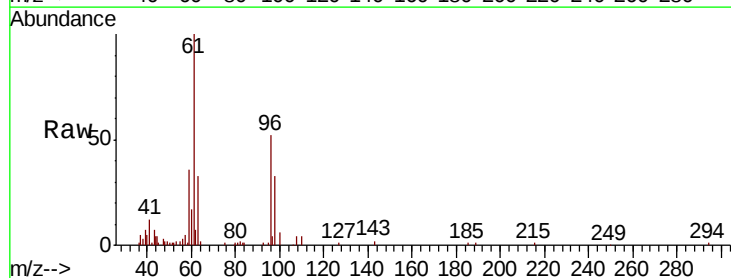
#17
 tert-Butyl alcohol
 Concen: 0.297 ppbv
 RT: 4.30 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

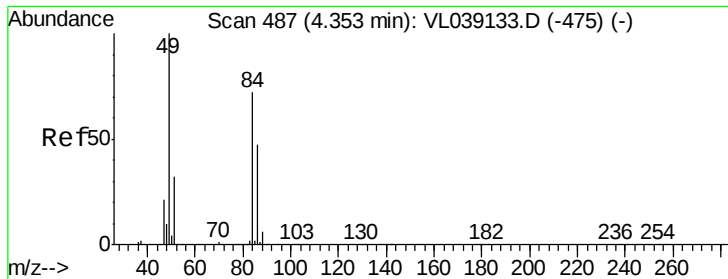
Tot Ion: 59 Resp: 22770
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7#



#18
 1,1-Dichloroethene
 Concen: 0.692 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

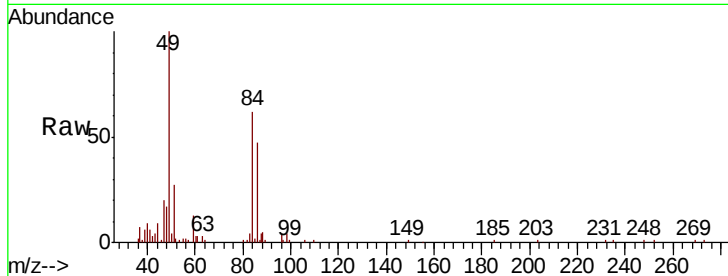
Tgt Ion: 96 Resp: 31019
 Ion Ratio Lower Upper
 96 100
 61 184.4 138.4 207.6
 98 60.9 47.8 71.8



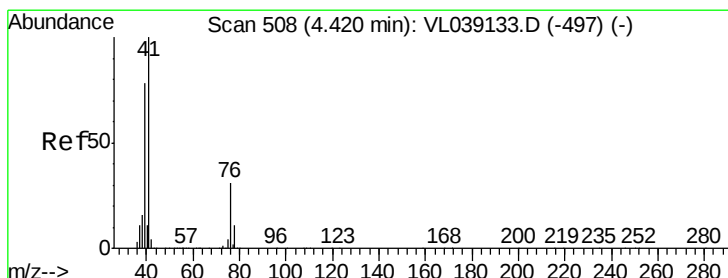
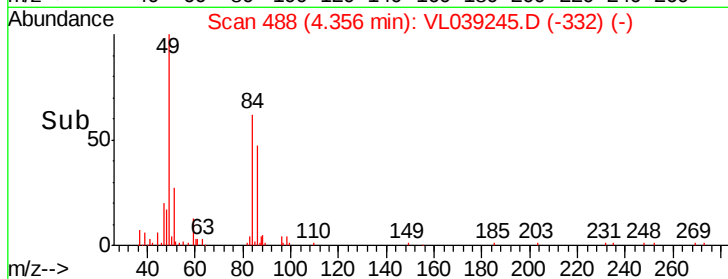
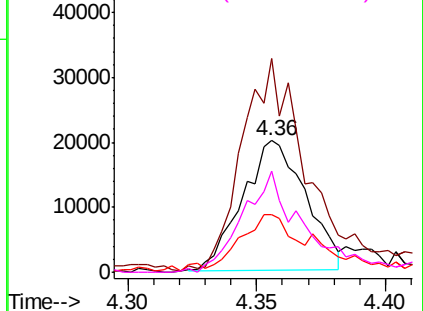


#20
Methylene Chloride
Concen: 0.825 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Jun 2022 21:44

Tot Ion:	84	Resp:	34381
Ion	Ratio	Lower	Upper
84	100		
49	155.1	111.1	166.7
51	40.4	35.3	52.9
86	72.7	51.9	77.9

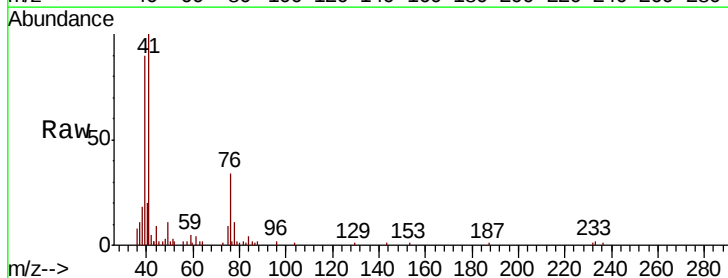


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

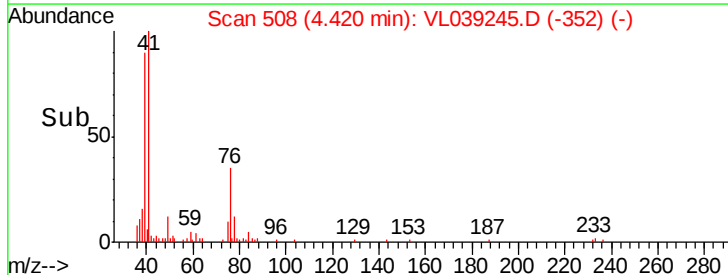
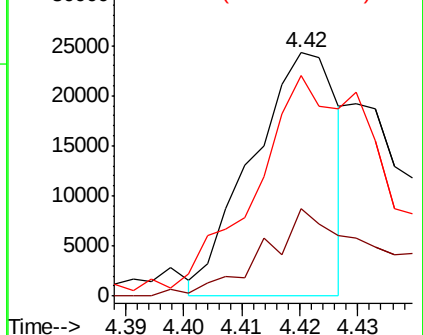


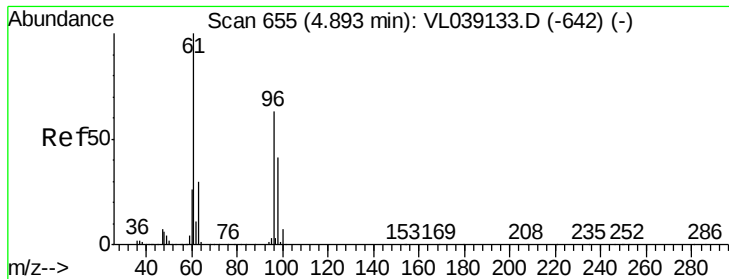
#21
Allyl Chloride
Concen: 0.370 ppbv
RT: 4.42 min Scan# 508
Delta R.T. -0.00 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion:	41	Resp:	24711
Ion	Ratio	Lower	Upper
41	100		
76	57.8	24.2	36.2#
39	168.8	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: 0.733 ppbv

RT: 4.90

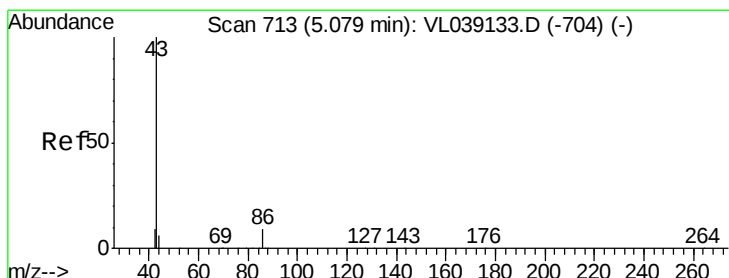
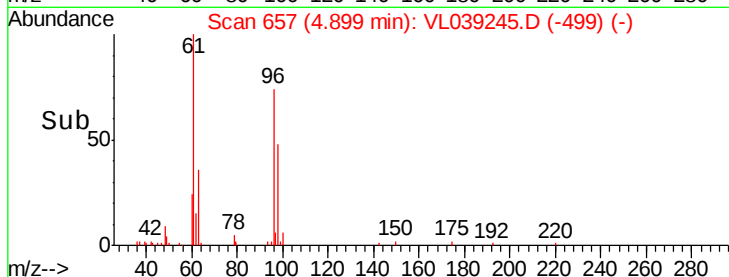
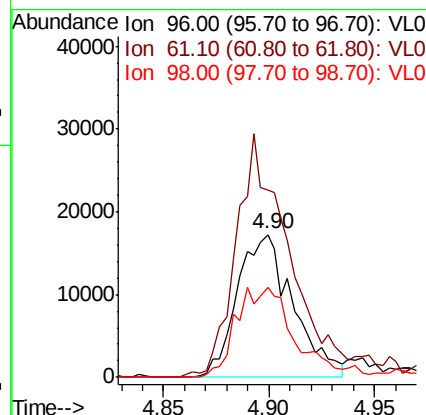
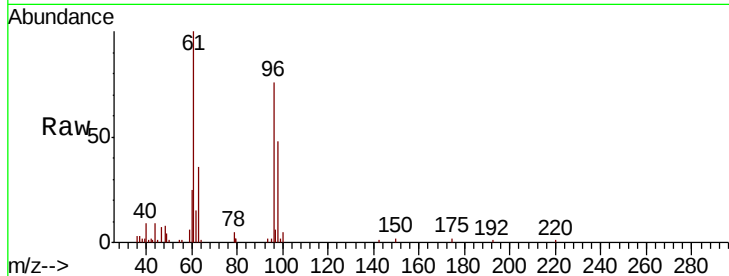
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Jun 2022 21:44

Tot Ion: 96 Resp: 31588

Ion	Ratio	Lower	Upper
96	100		
61	127.8	126.6	190.0
98	63.1	52.5	78.7



#23

Vinyl Acetate

Concen: 0.465 ppbv

RT: 5.09 min Scan# 716

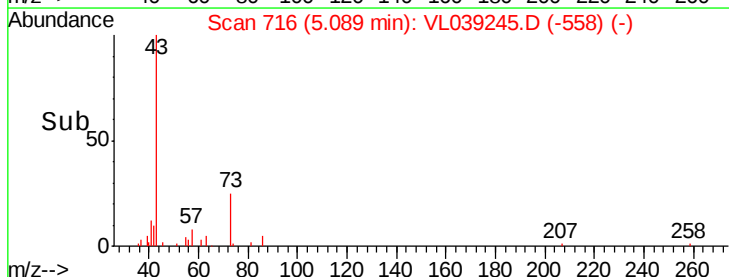
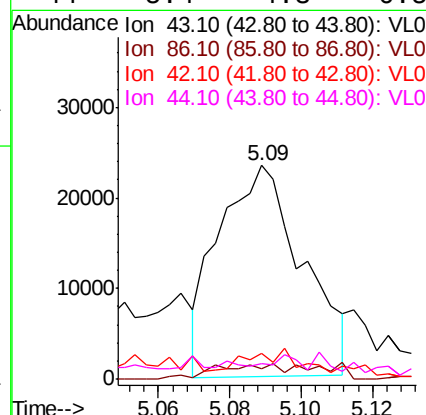
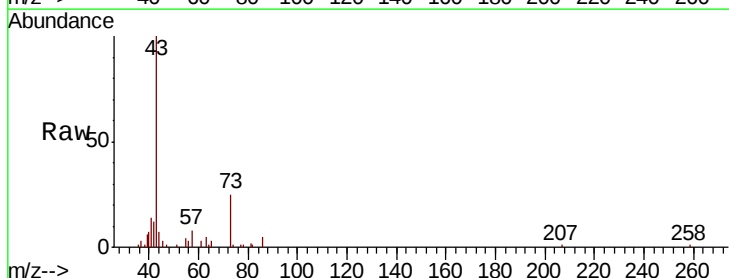
Delta R.T. 0.01 min

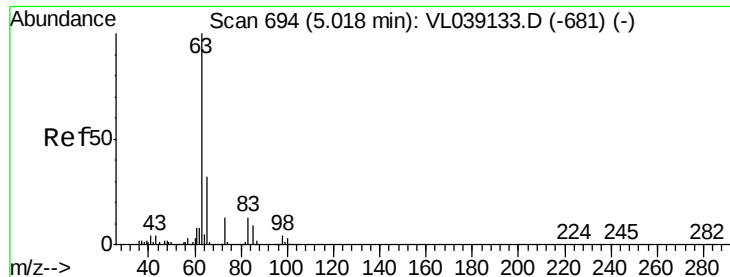
Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion: 43 Resp: 38041

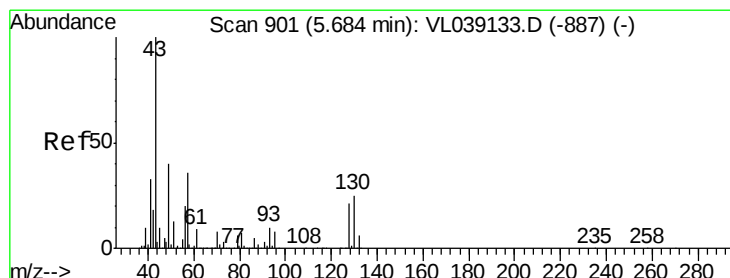
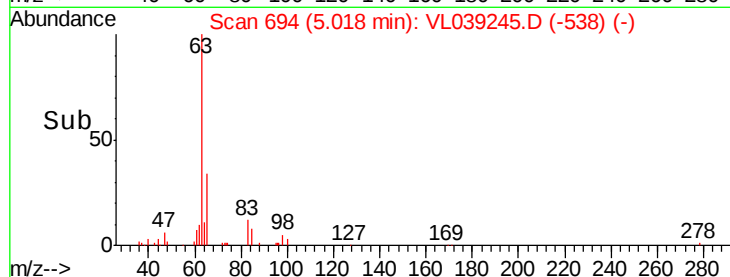
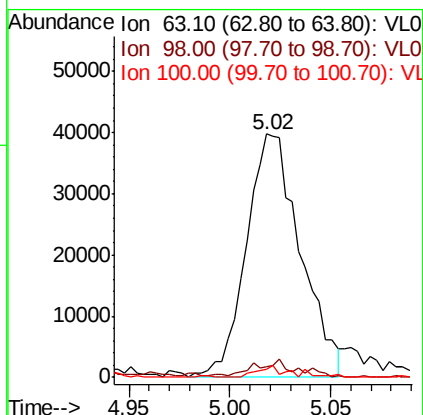
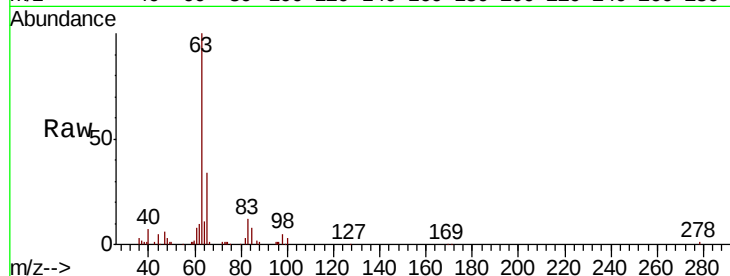
Ion	Ratio	Lower	Upper
43	100		
86	6.2	6.0	9.0
42	8.8	8.2	12.4
44	5.4	4.3	6.5





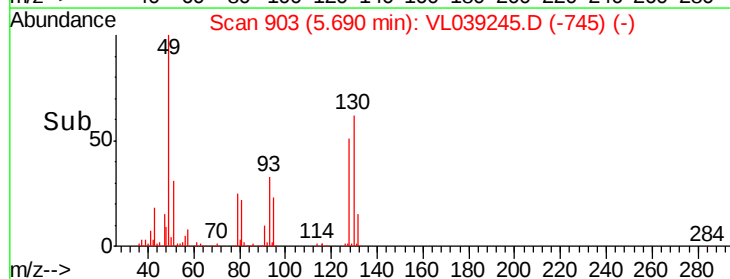
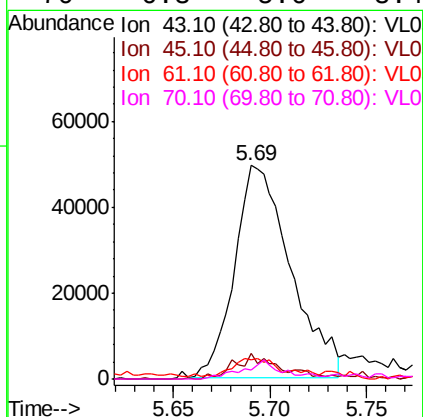
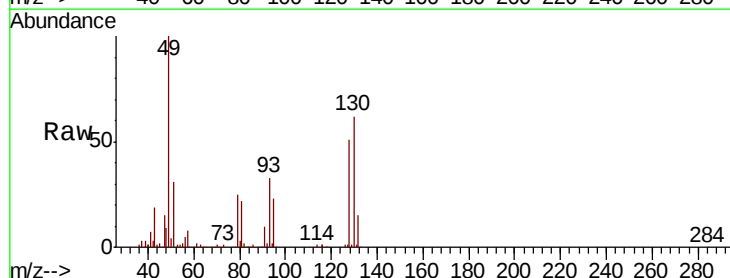
#24
 1,1-Dichloroethane
 Concen: 0.663 ppbv
 RT: 5.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

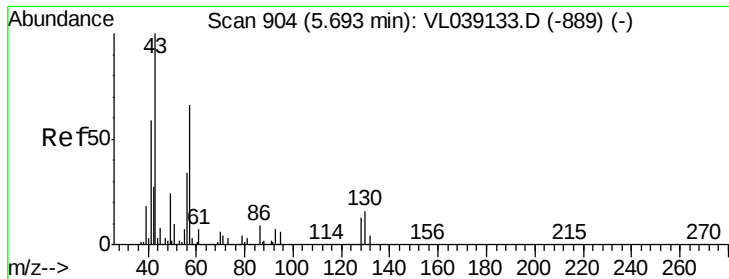
Tot Ion: 63 Resp: 74390
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 3.1 1.5 4.5



#25
 Ethyl Acetate
 Concen: 0.451 ppbv
 RT: 5.69 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

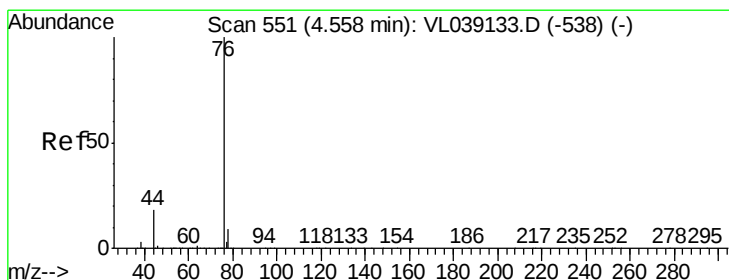
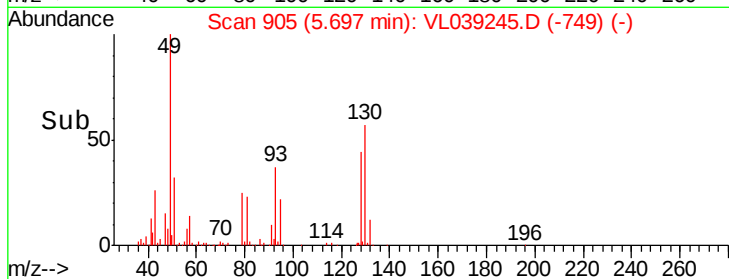
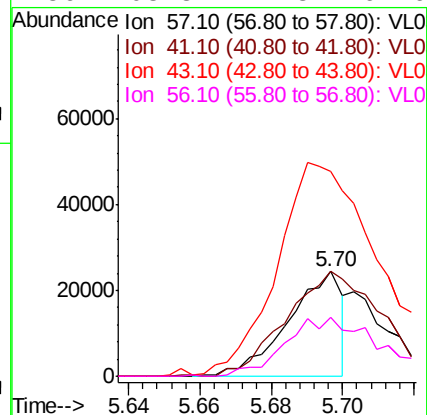
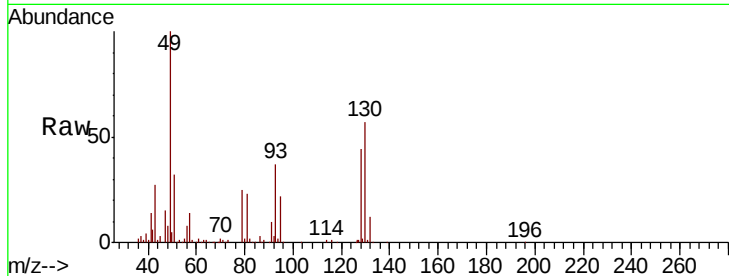
Tgt Ion: 43 Resp: 100477
 Ion Ratio Lower Upper
 43 100
 45 10.6 8.2 12.2
 61 11.3 8.4 12.6
 70 6.3 5.6 8.4





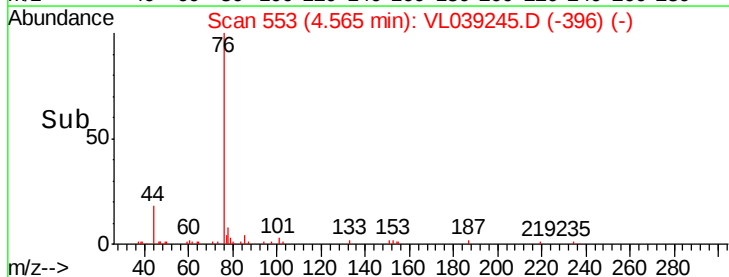
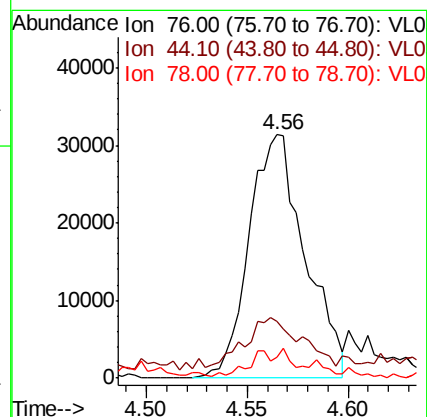
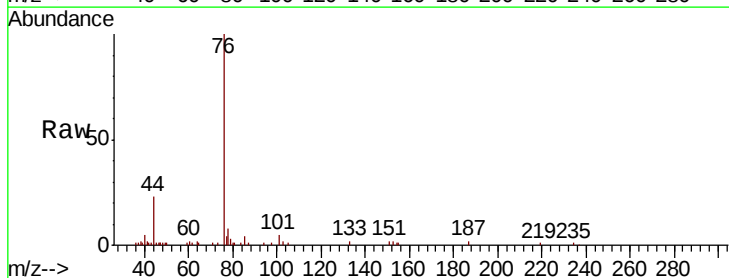
#26
Hexane
Concen: 0.261 ppbv
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 8 Jun 2022 21:44

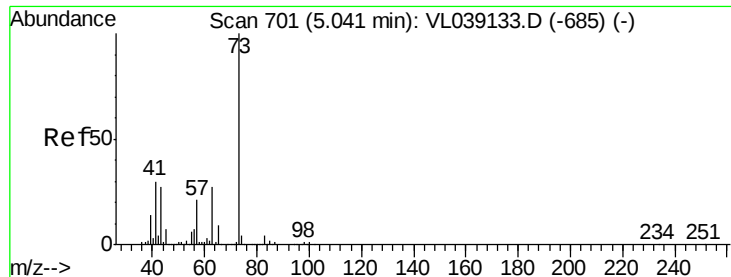
Tot Ion:	57	Resp:	25528
Ion	Ratio	Lower	Upper
57	100		
41	201.8	72.4	108.6#
43	459.0	187.0	280.6#
56	103.3	41.8	62.6#



#27
Carbon Disulfide
Concen: 0.600 ppbv
RT: 4.56 min Scan# 553
Delta R.T. 0.01 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

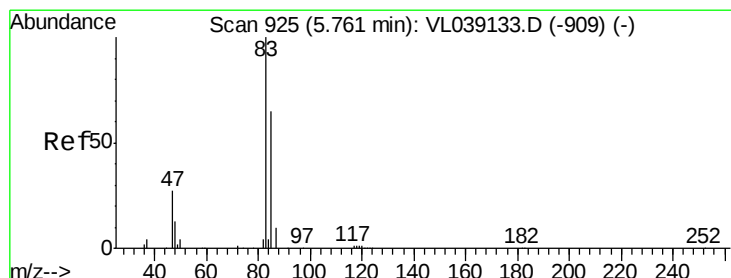
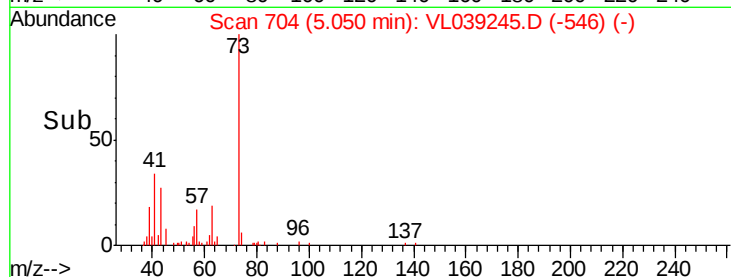
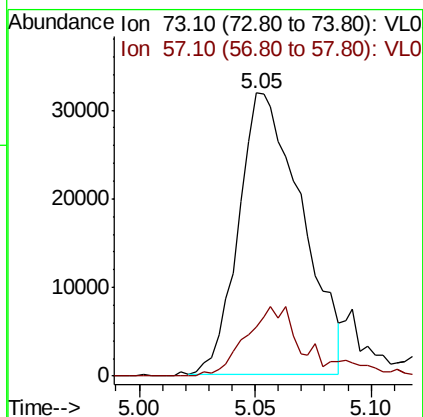
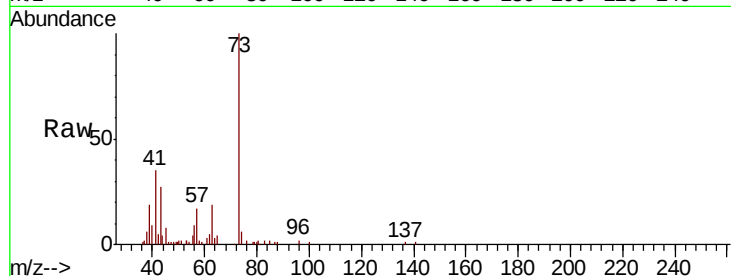
Tgt Ion:	76	Resp:	60919
Ion	Ratio	Lower	Upper
76	100		
44	24.8	14.4	21.6#
78	12.3	7.7	11.5#





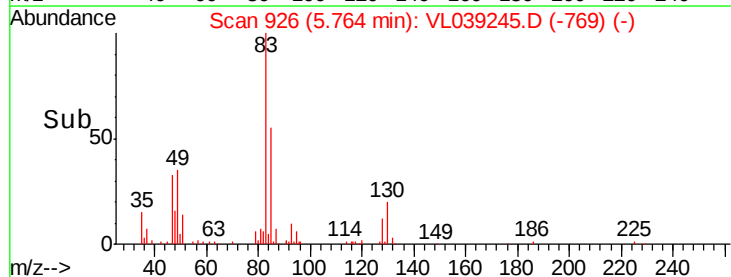
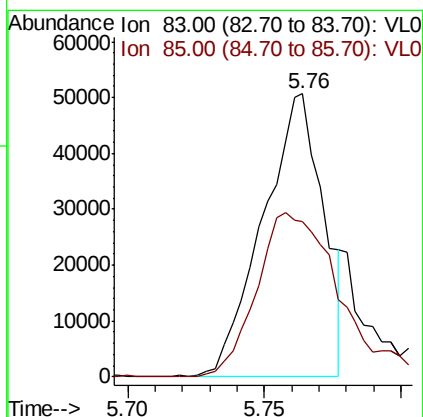
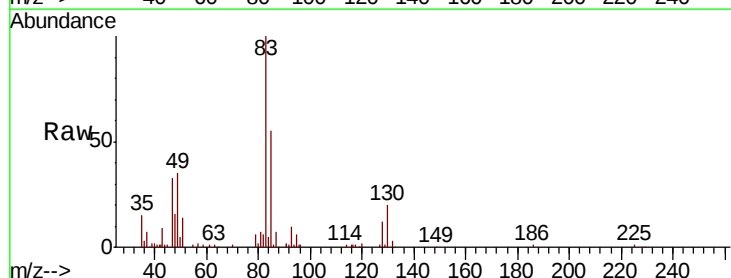
#28
Methvl tert-Butvl Ether
Concen: 0.556 ppbv
RT: 5.05
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Jun 2022 21:44

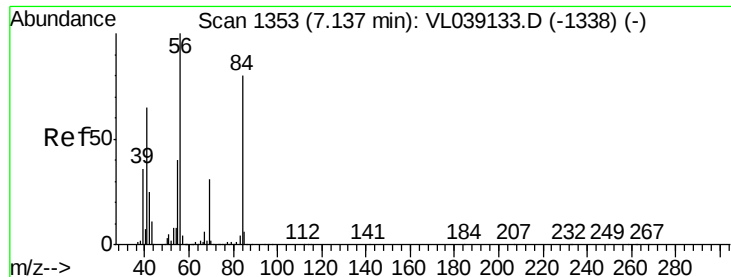
Tot Ion: 73 Resp: 60141
Ion Ratio Lower Upper
73 100
57 25.2 18.6 27.8



#29
Chloroform
Concen: 0.473 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.00 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

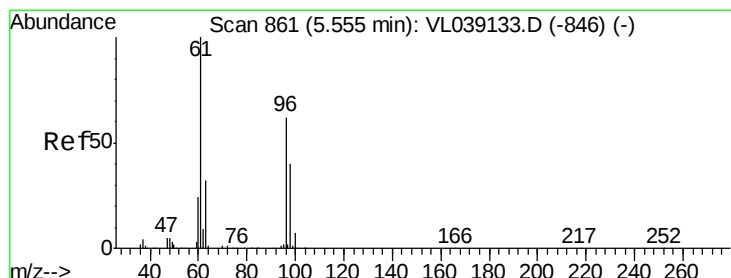
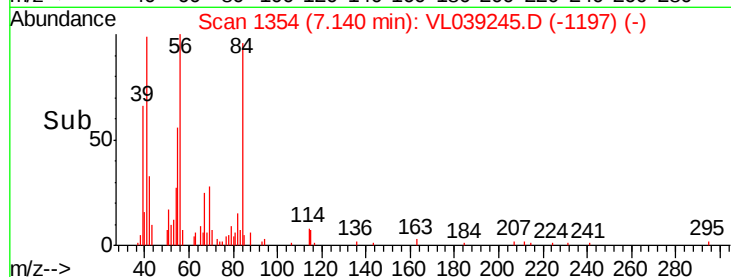
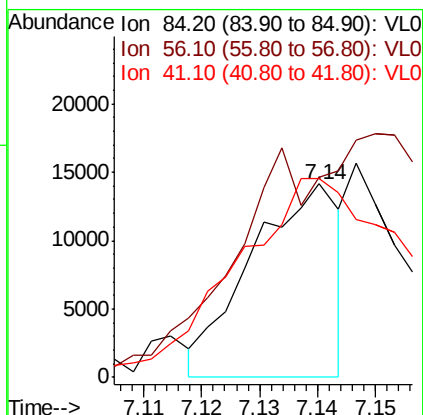
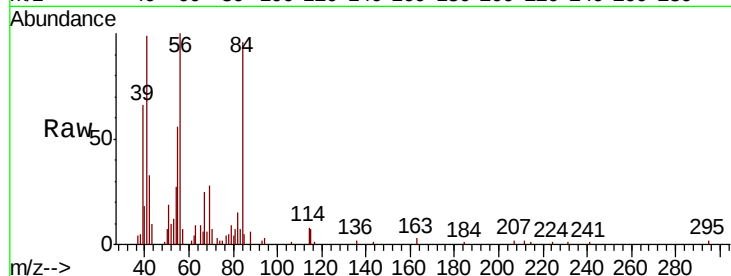
Tgt Ion: 83 Resp: 77996
Ion Ratio Lower Upper
83 100
85 55.3 52.4 78.6





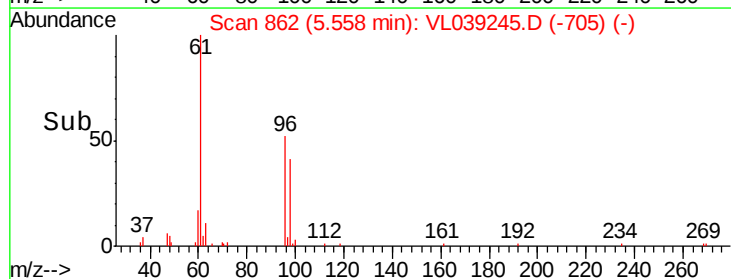
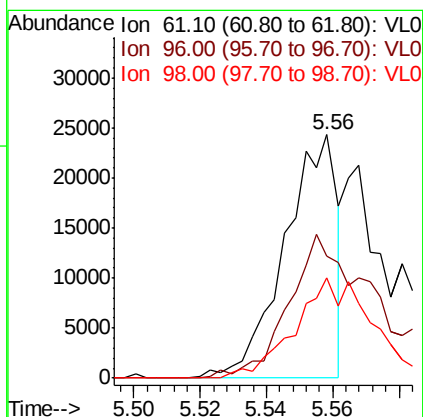
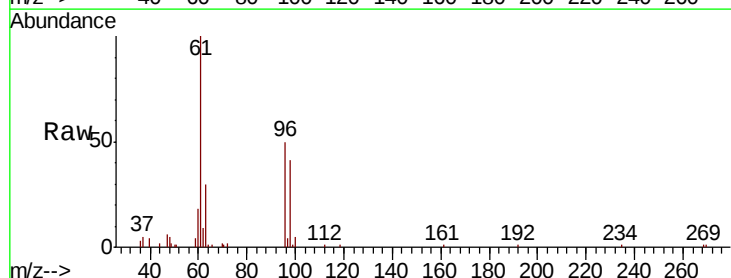
#30
Cvclohexane
Concen: 0.182 ppbv
RT: 7.14
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Jun 2022 21:44

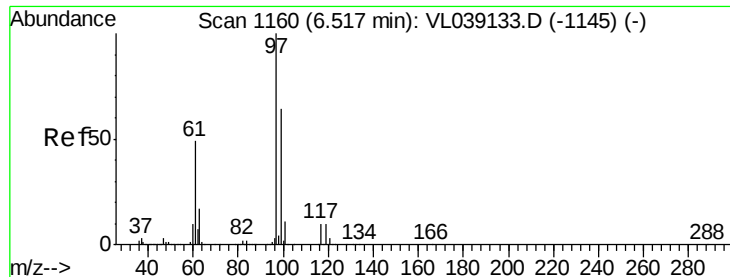
Tot Ion: 84 Resp: 14960
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 226.9 68.9 103.3#



#31
cis-1,2-Dichloroethene
Concen: 0.268 ppbv
RT: 5.56 min Scan# 862
Delta R.T. 0.00 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion: 61 Resp: 26790
Ion Ratio Lower Upper
61 100
96 53.9 49.9 74.9
98 41.0 32.0 48.0





#32

1,1,1-Trichloroethane

Concen: 0.558 ppbv

RT: 6.52 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44 LOQ-AIR-02-OT2-2022

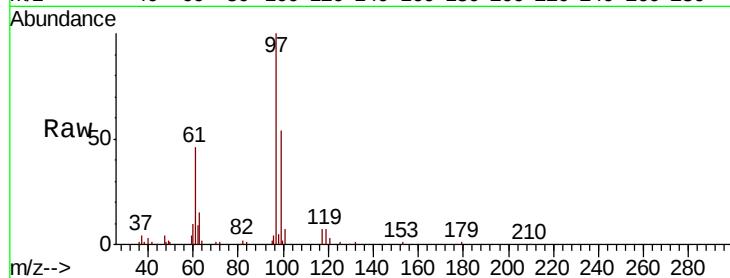
Tot Ion: 97 Resp: 90115

Ion Ratio Lower Upper

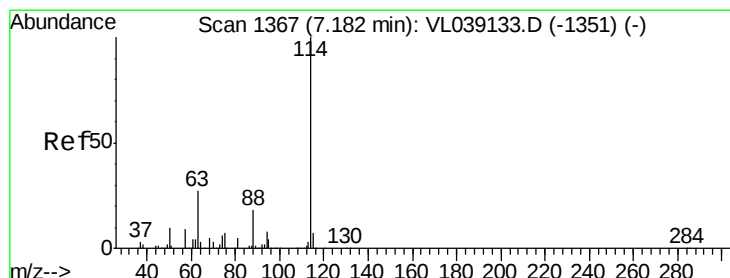
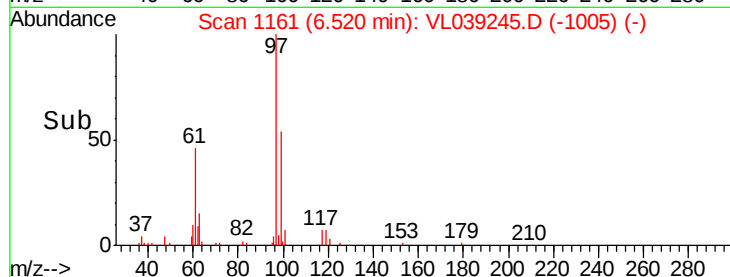
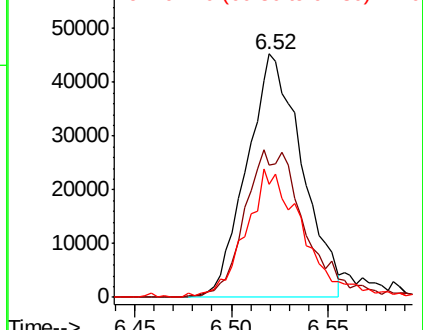
97 100

99 66.6 52.1 78.1

61 55.0 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: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

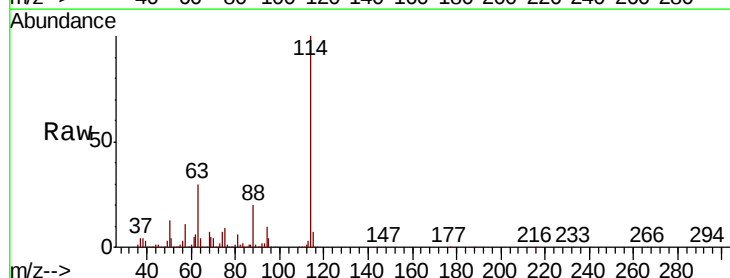
Tgt Ion: 114 Resp: 2201061

Ion Ratio Lower Upper

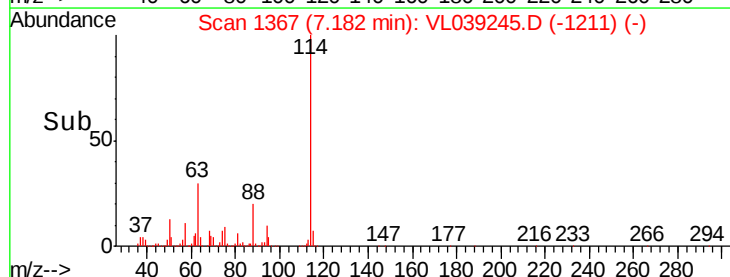
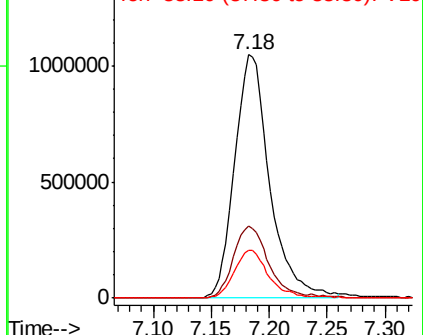
114 100

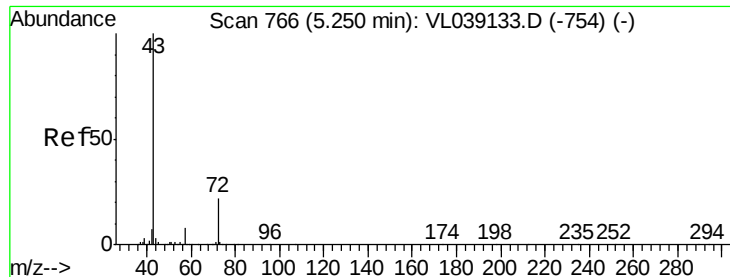
63 30.4 21.7 32.5

88 19.6 14.8 22.2



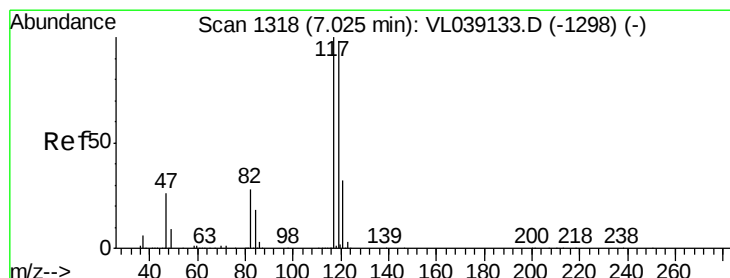
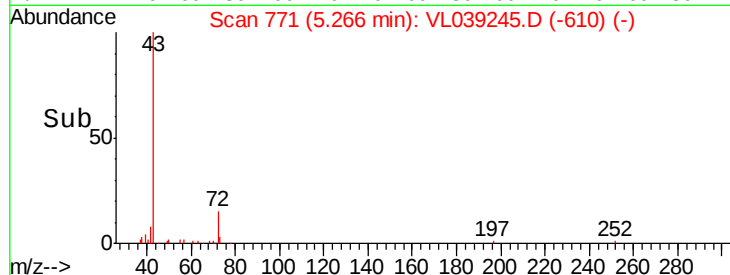
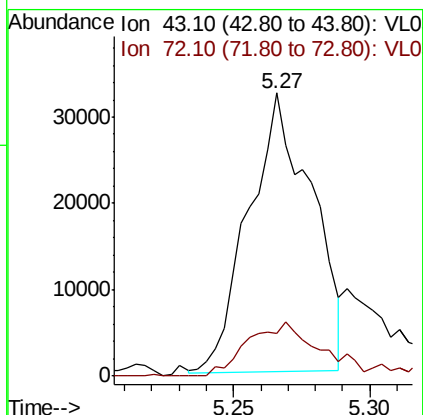
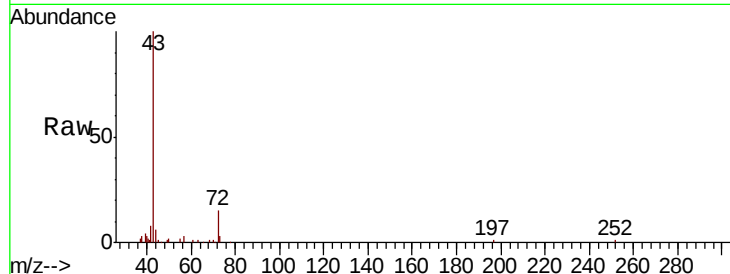
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





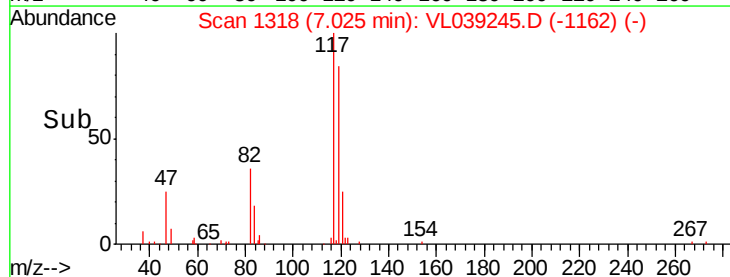
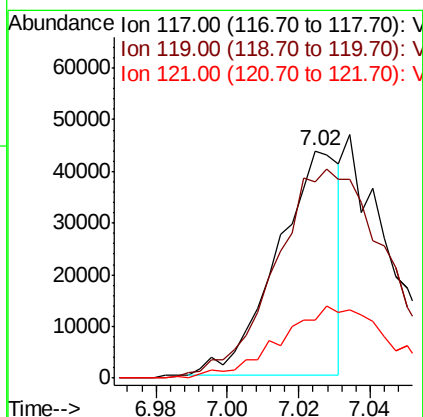
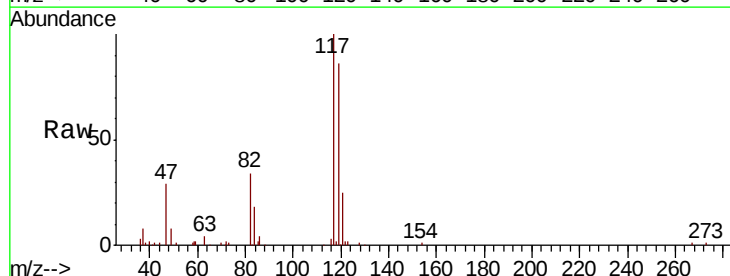
#34
 2-Butanone
 Concen: 0.435 ppbv
 RT: 5.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

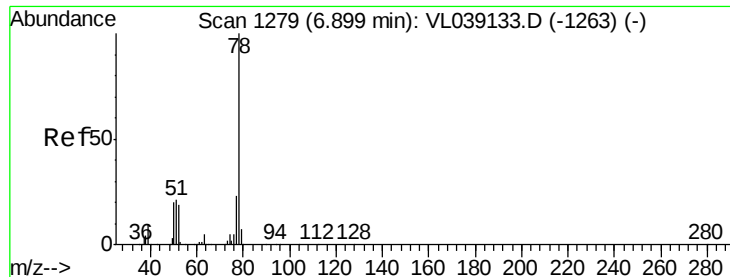
Tot Ion: 43 Resp: 52073
 Ion Ratio Lower Upper
 43 100
 72 22.9 18.2 27.2



#35
 Carbon Tetrachloride
 Concen: 0.327 ppbv
 RT: 7.02 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

Tgt Ion: 117 Resp: 52487
 Ion Ratio Lower Upper
 117 100
 119 85.4 78.6 118.0
 121 25.3 25.4 38.0#





#36

Benzene

Concen: 0.269 ppbv

RT: 6.91 Instrument:

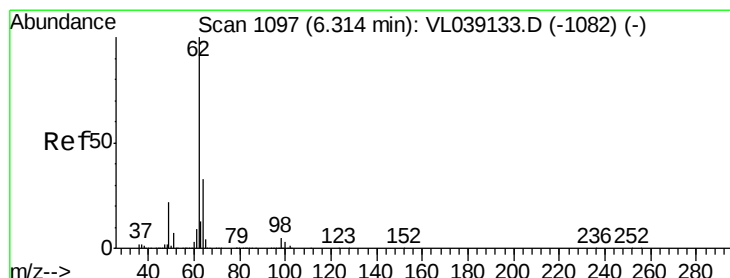
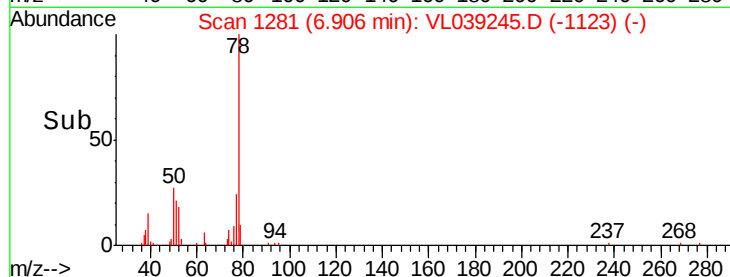
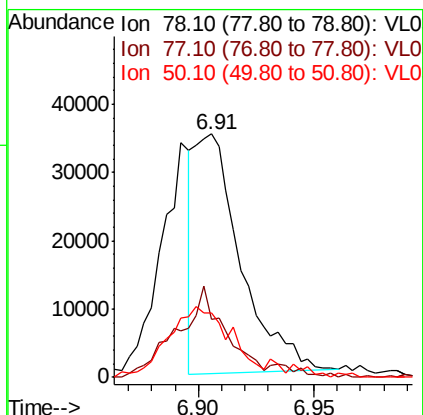
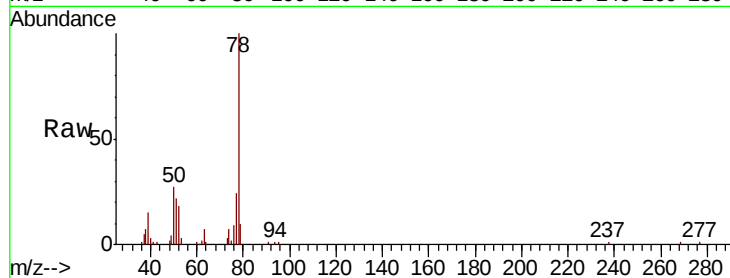
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

Tot Ion: 78 Resp: 48019

Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.6	27.8
50	26.0	15.8	23.8



#37

1,2-Dichloroethane

Concen: 0.582 ppbv

RT: 6.31 min Scan# 1097

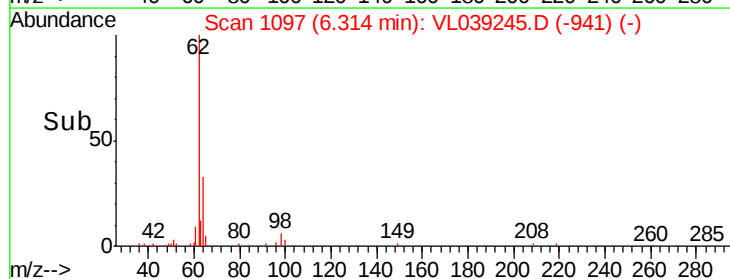
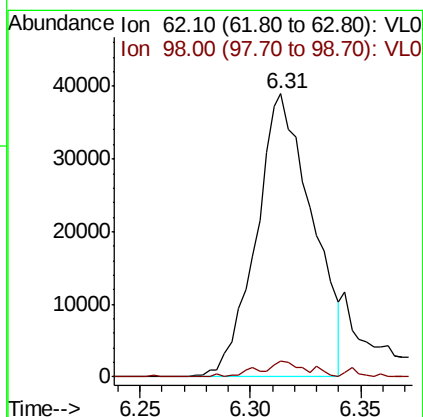
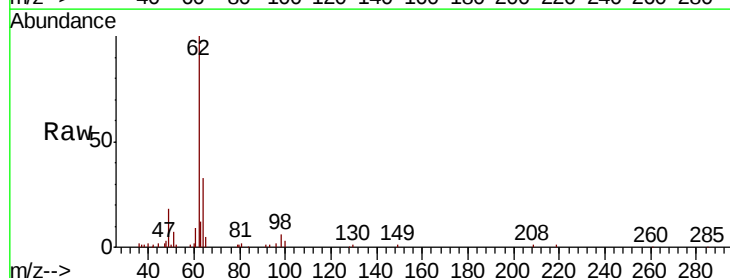
Delta R.T. -0.00 min

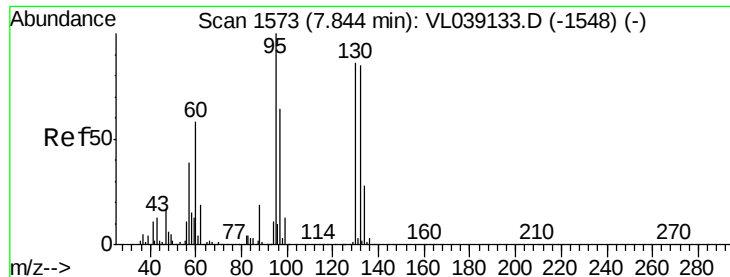
Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion: 62 Resp: 68422

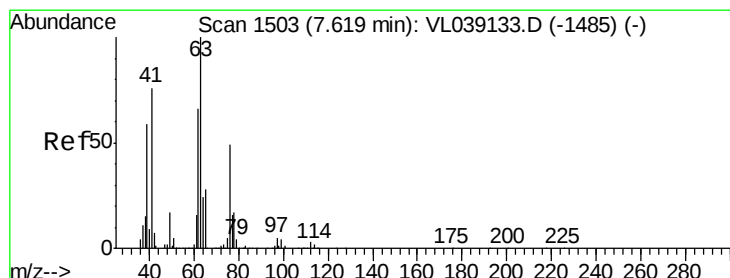
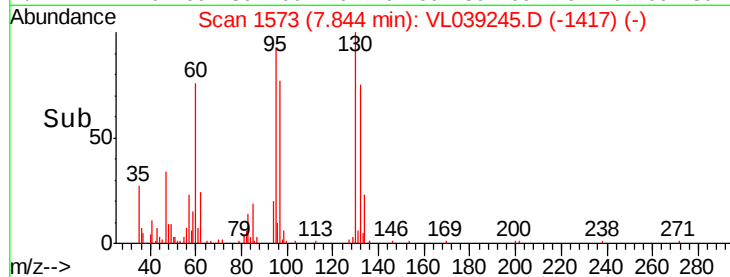
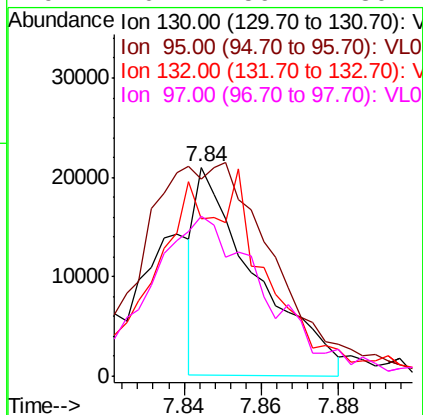
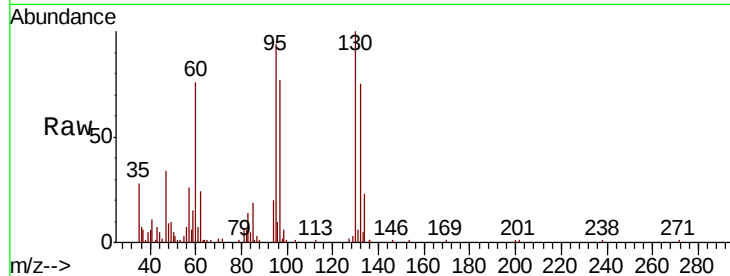
Ion	Ratio	Lower	Upper
62	100		
98	5.4	4.3	6.5





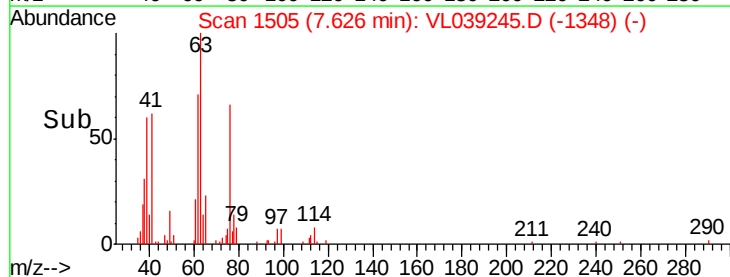
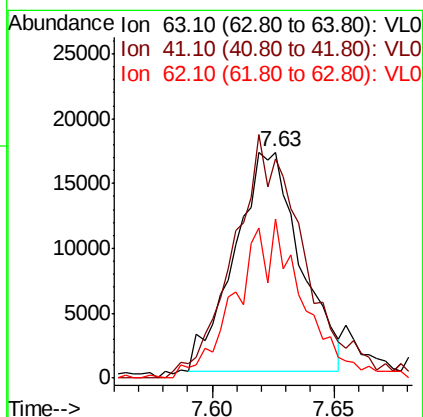
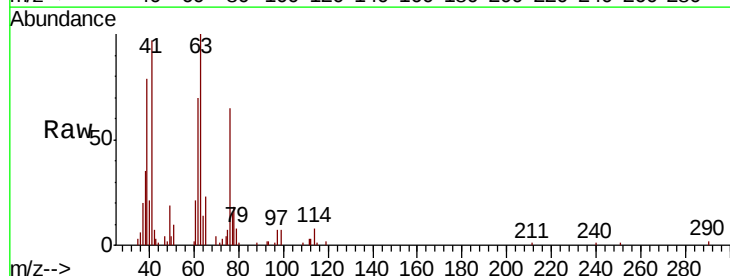
#38
 Trichloroethene
 Concen: 0.272 ppbv
 RT: 7.84
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

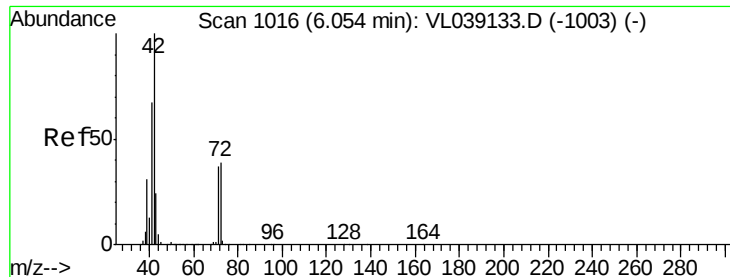
Tot Ion:130	Resp:	22305
Ion Ratio	Lower	Upper
130	100	
95	85.6	93.3 139.9#
132	68.4	79.0 118.4#
97	70.7	59.4 89.2



#39
 1,2-Dichloropropane
 Concen: 0.444 ppbv
 RT: 7.63 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

Tgt Ion: 63	Resp:	31555
Ion Ratio	Lower	Upper
63	100	
41	97.4	60.8 91.2#
62	70.6	52.9 79.3





#41

Tetrahydrofuran

Concen: 0.308 ppbv

RT: 6.09 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

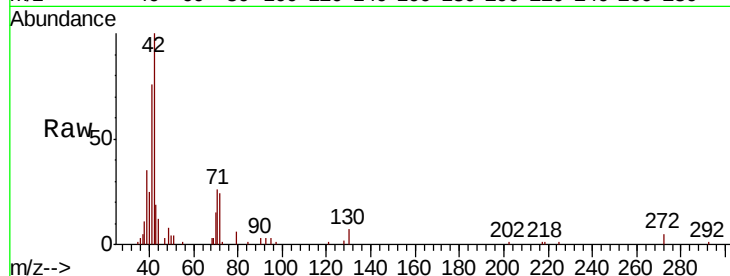
Tot Ion: 42 Resp: 22165

Ion Ratio Lower Upper

42 100

72 54.3 32.0 48.0#

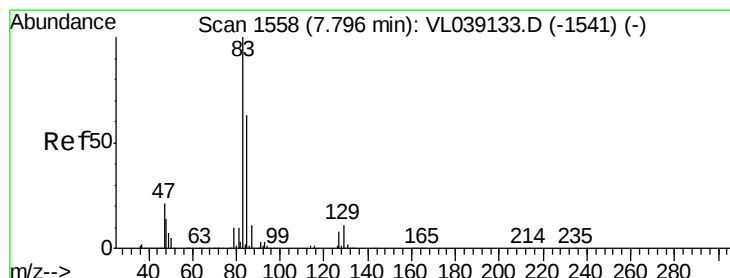
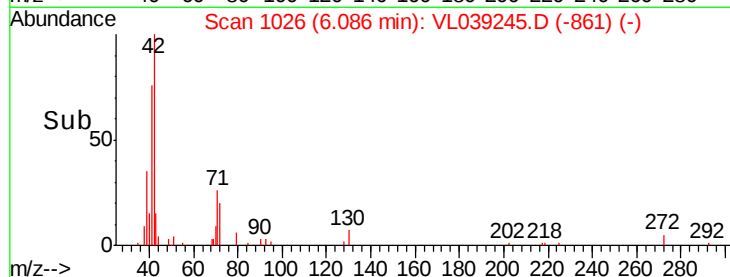
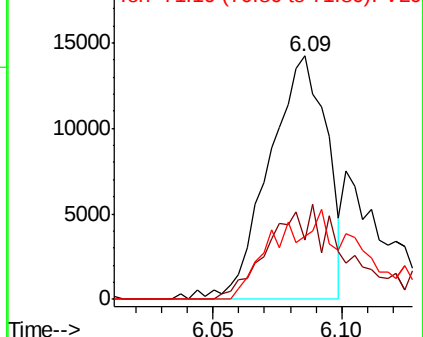
71 62.4 31.1 46.7#



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 0.519 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

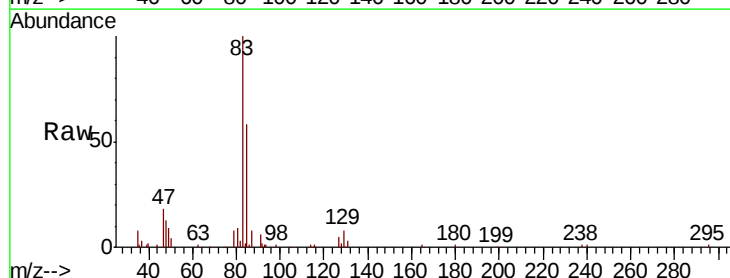
Tgt Ion: 83 Resp: 84717

Ion Ratio Lower Upper

83 100

85 57.7 50.2 75.4

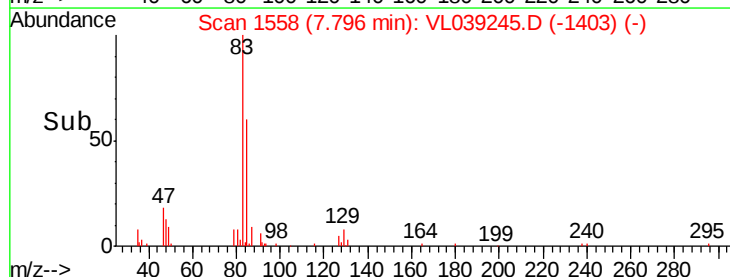
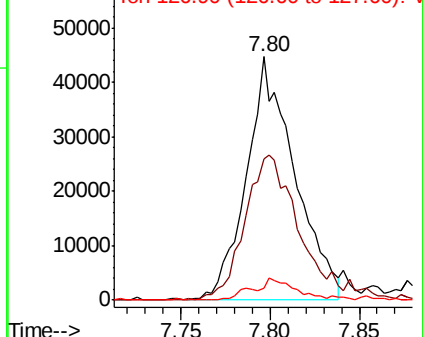
127 4.7 6.6 9.8#

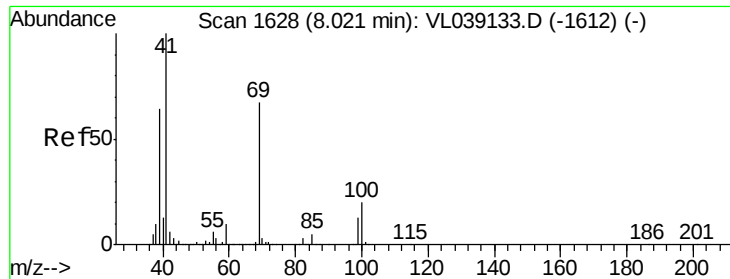


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 0.118 ppbv

RT: 8.02

Instrument: MSVOA_1

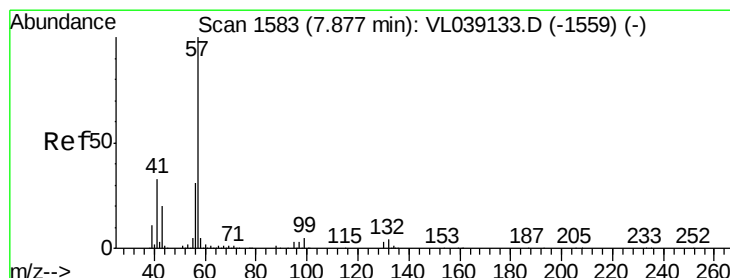
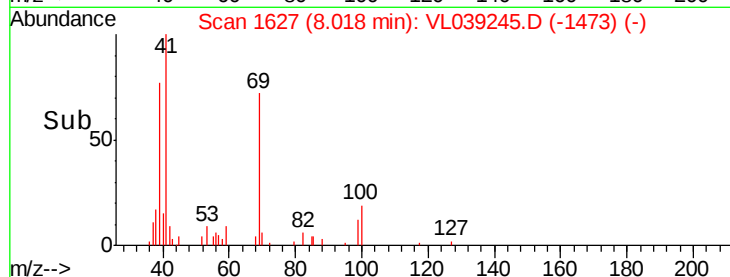
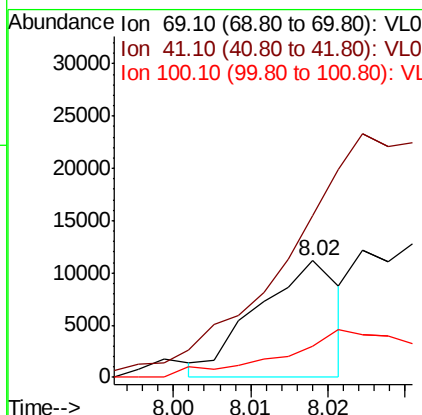
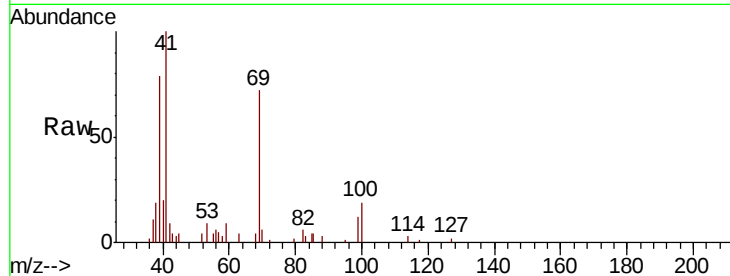
Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

Tot Ion: 69 Resp: 8246

Ion	Ratio	Lower	Upper
69	100		
41	616.8	121.9	182.9#
100	117.0	24.1	36.1#



#44

2,2,4-Trimethylpentane

Concen: 0.448 ppbv

RT: 7.88 min Scan# 1584

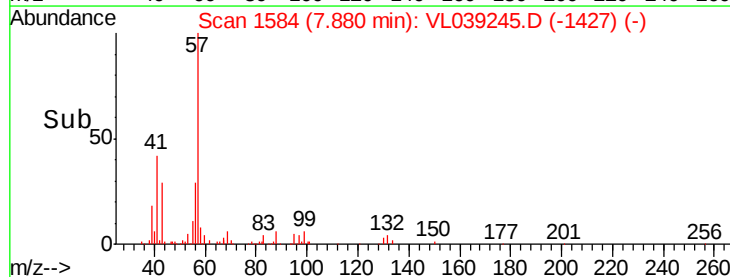
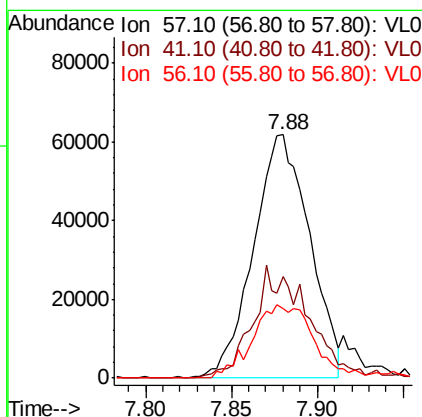
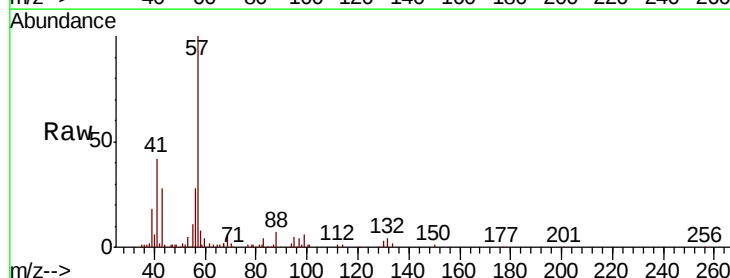
Delta R.T. 0.00 min

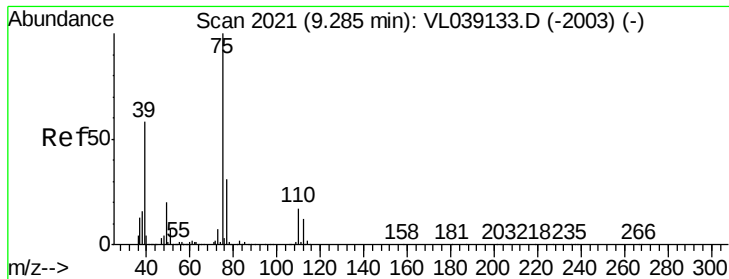
Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion: 57 Resp: 139949

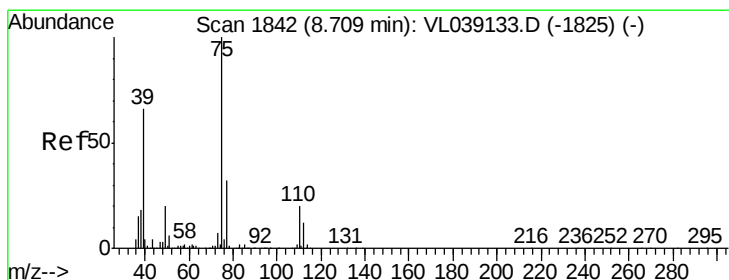
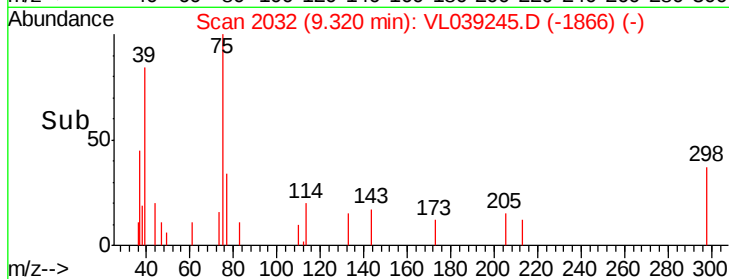
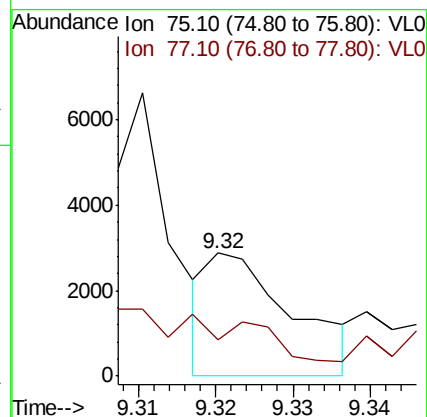
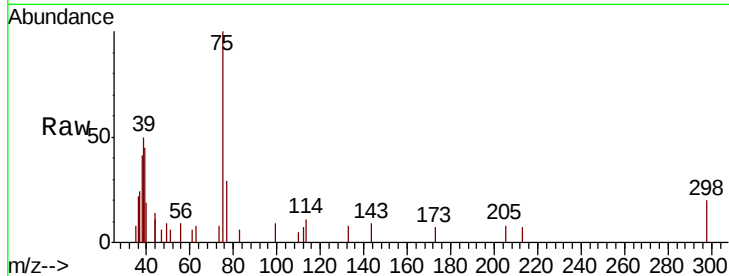
Ion	Ratio	Lower	Upper
57	100		
41	46.2	26.2	39.4#
56	34.3	24.7	37.1





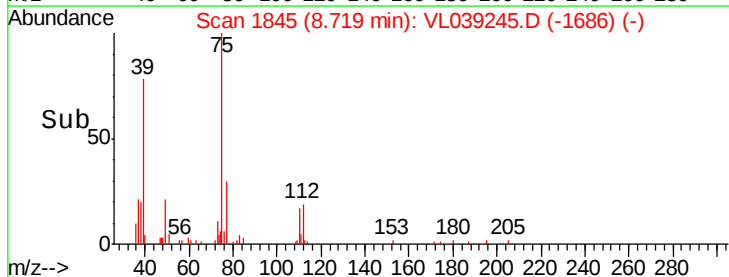
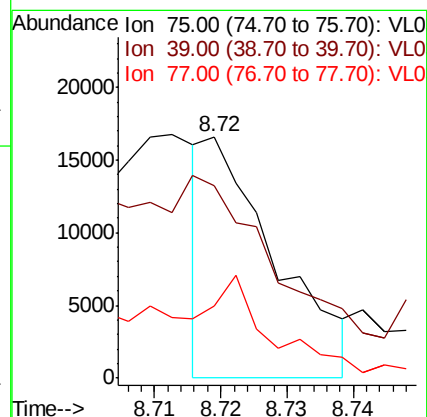
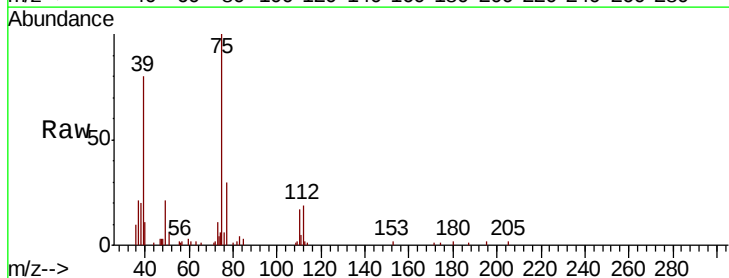
#45
t-1,3-Dichloropropene
Concen: 0.030 ppbv
RT: 9.32 Instrument : MSVOA_1
Delta R.T. ClientSampleId :
Lab File: LOQ-AIR-02-OT2-2022
Acq: 8 Jun 2022 21:44

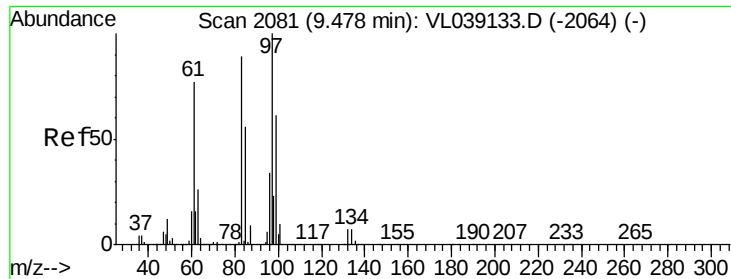
Tot Ion: 75 Resp: 2191
Ion Ratio Lower Upper
75 100
77 29.4 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 0.129 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

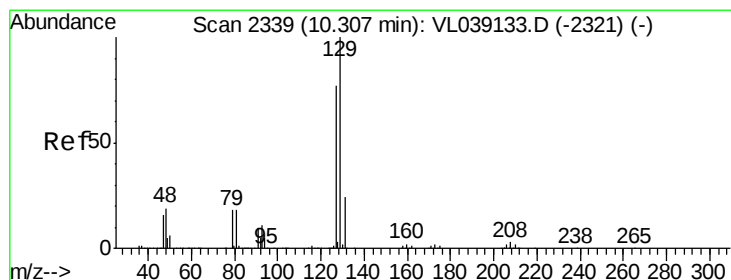
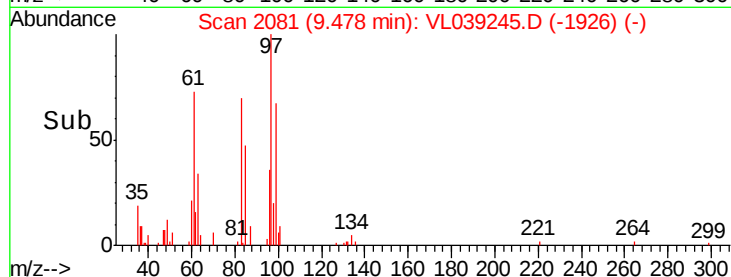
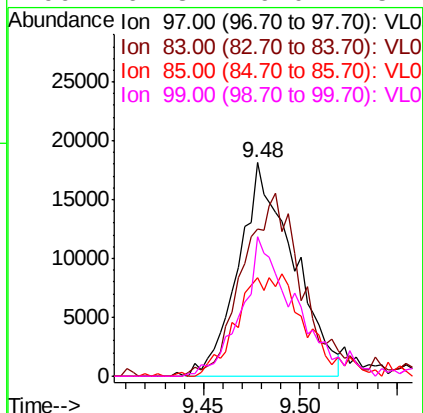
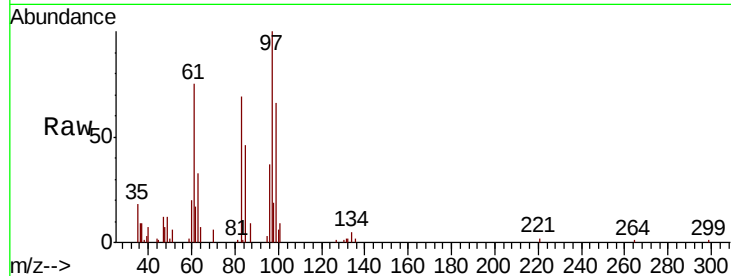
Tgt Ion: 75 Resp: 12324
Ion Ratio Lower Upper
75 100
39 67.7 52.4 78.6
77 27.8 25.5 38.3





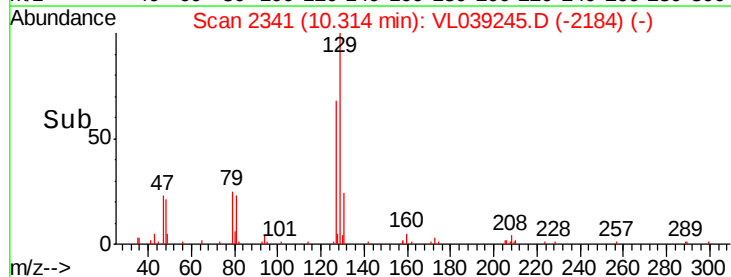
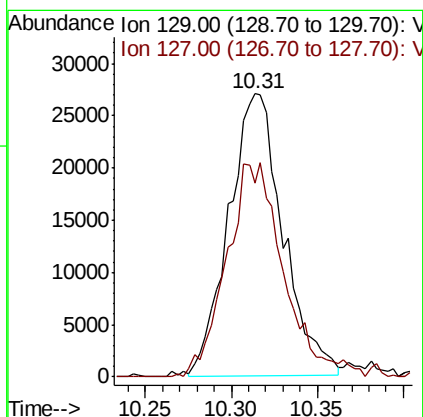
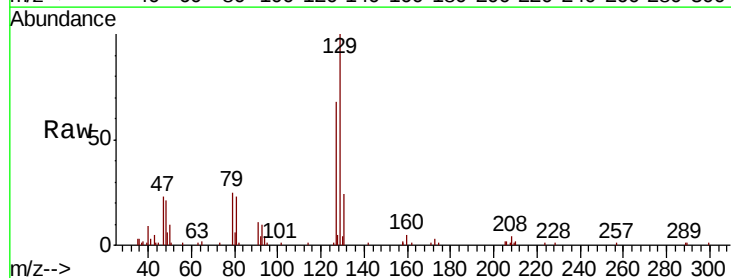
#47
 1,1,2-Trichloroethane
 Concen: 0.482 ppbv
 RT: 9.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

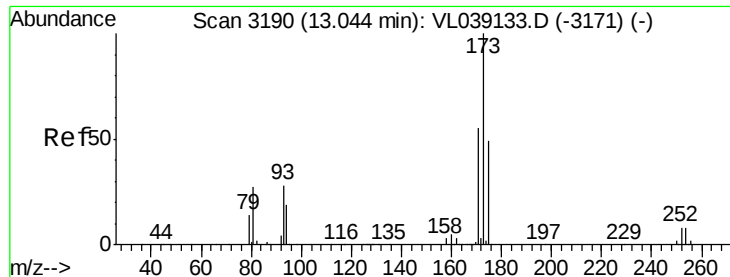
Tot Ion: 97 Resp: 35712
 Ion Ratio Lower Upper
 97 100
 83 67.1 71.6 107.4#
 85 45.9 44.8 67.2
 99 64.3 49.0 73.4



#48
 Dibromochloromethane
 Concen: 0.449 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

Tgt Ion: 129 Resp: 59473
 Ion Ratio Lower Upper
 129 100
 127 81.7 40.0 119.9





#49

Bromoform

Concen: 0.097 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

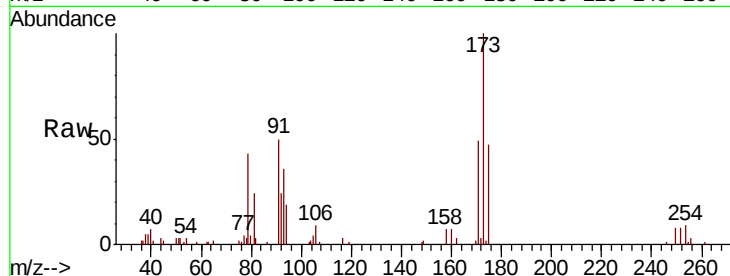
Tot Ion: 173 Resp: 10678

Ion Ratio Lower Upper

173 100

175 0.0 40.2 60.2#

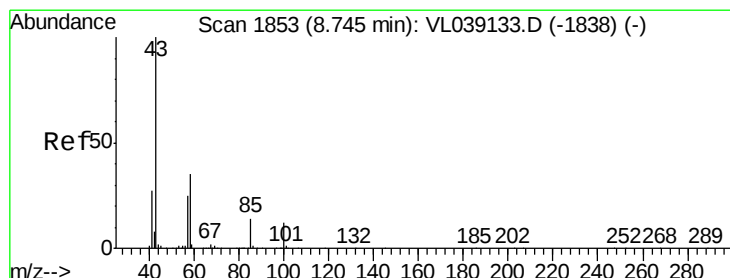
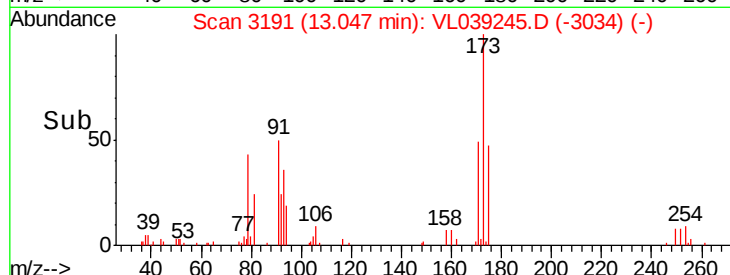
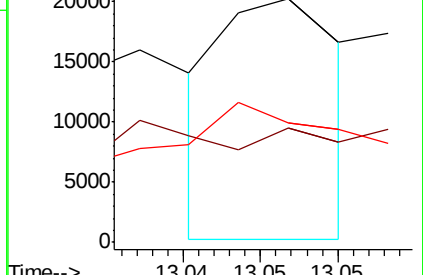
171 230.7 43.9 65.9#



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



#50

4-Methyl-2-Pentanone

Concen: 0.147 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL039245.D

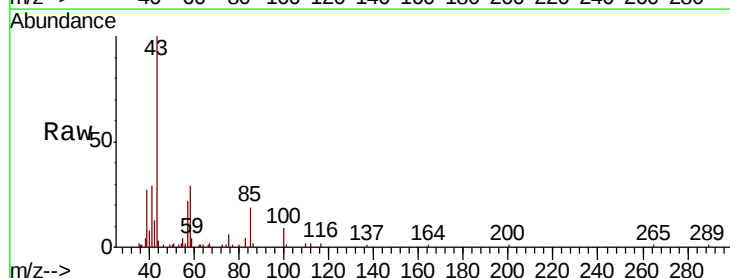
Acq: 8 Jun 2022 21:44

Tgt Ion: 43 Resp: 26375

Ion Ratio Lower Upper

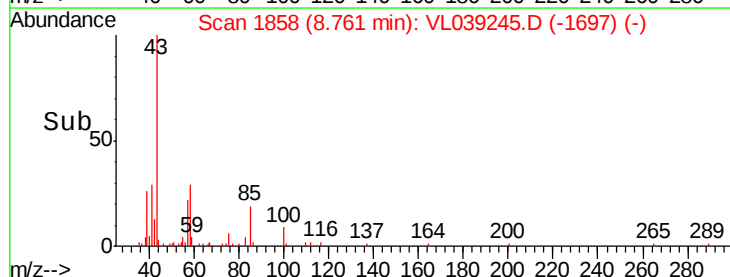
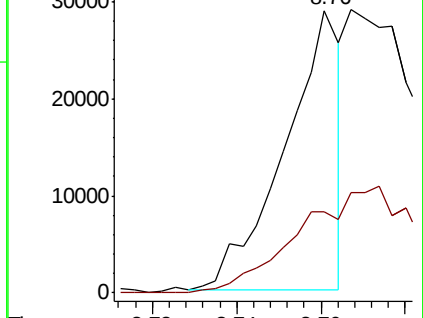
43 100

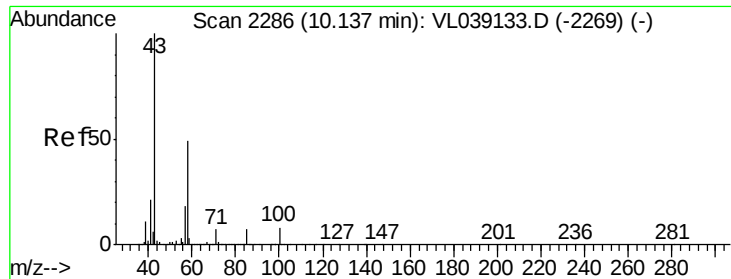
58 0.0 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

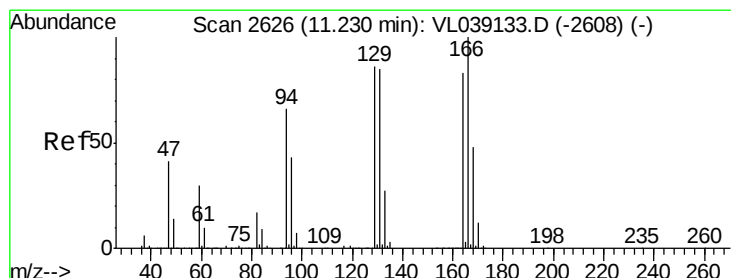
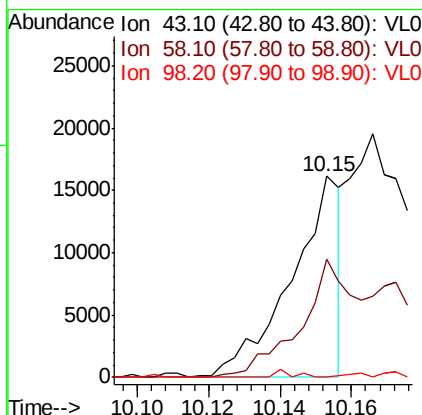
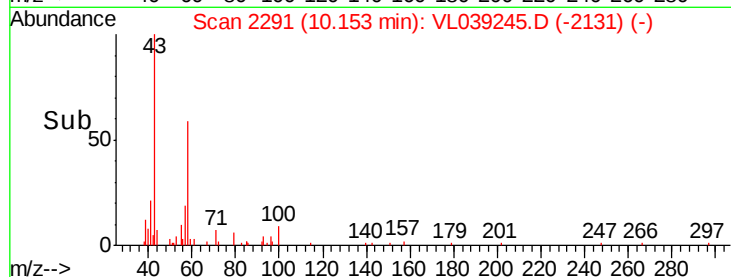
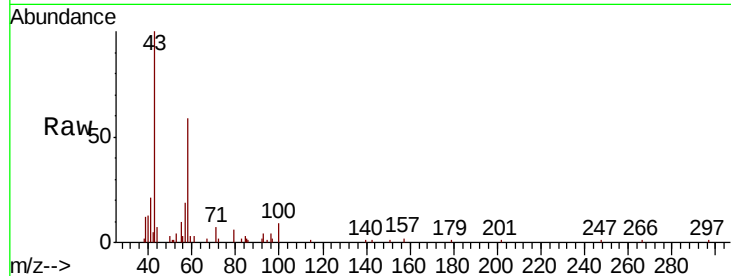
Ion 58.10 (57.80 to 58.80): VL0





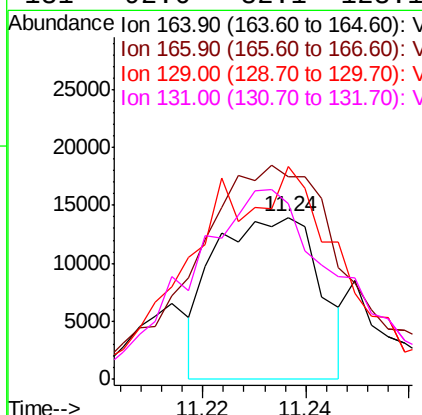
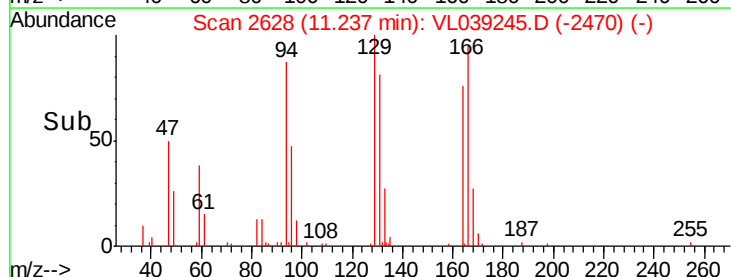
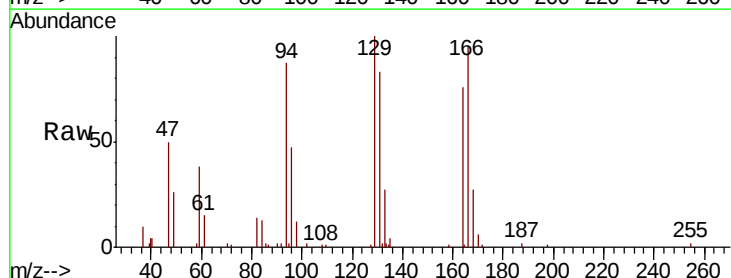
#51
2-Hexanone
Concen: 0.112 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 8 Jun 2022 21:44

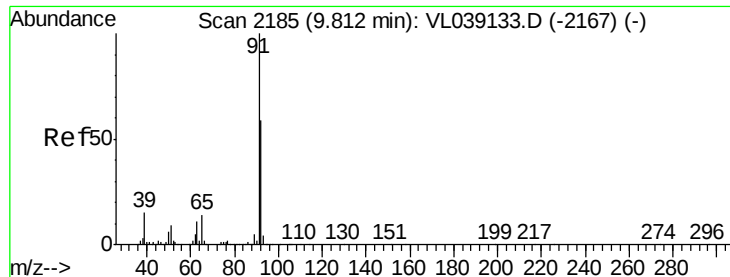
Tot Ion: 43 Resp: 15551
Ion Ratio Lower Upper
43 100
58 160.6 40.0 60.0#
98 3.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.280 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.01 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion: 164 Resp: 19558
Ion Ratio Lower Upper
164 100
166 106.5 96.3 144.5
129 96.9 82.5 123.7
131 92.6 82.1 123.1





#53

Toluene

Concen: 0.409 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

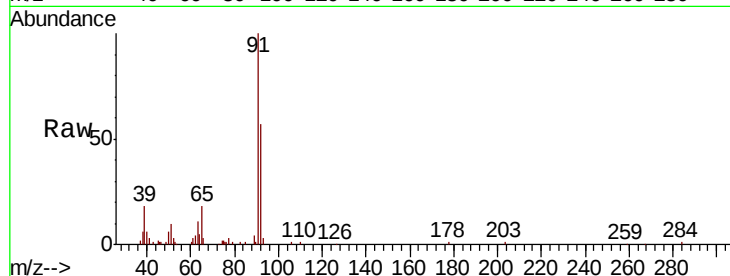
Acq: 8 Jun 2022 21:44

Tot Ion: 91 Resp: 84056

Ion Ratio Lower Upper

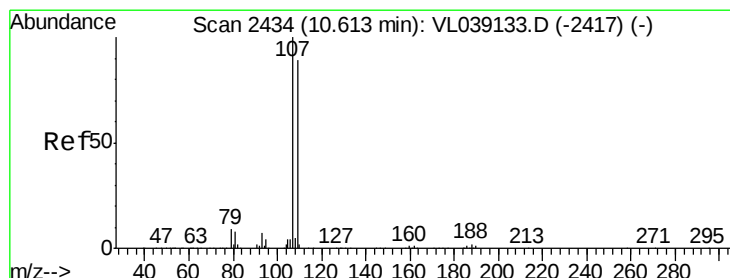
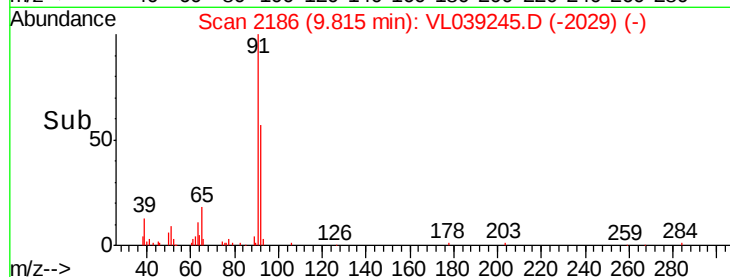
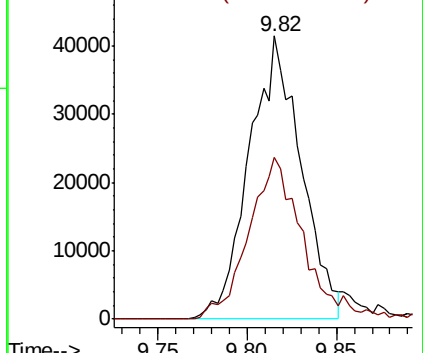
91 100

92 60.0 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 0.479 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VL039245.D

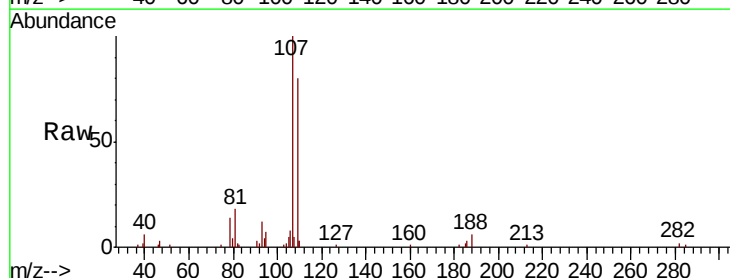
Acq: 8 Jun 2022 21:44

Tgt Ion: 107 Resp: 47690

Ion Ratio Lower Upper

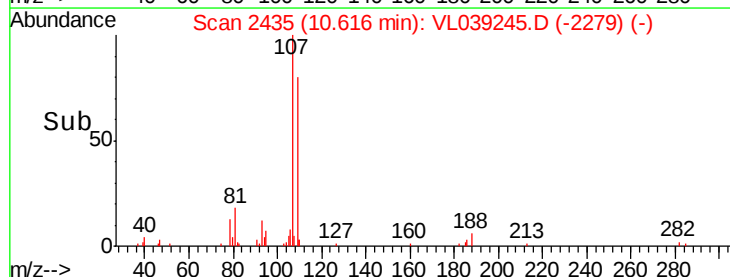
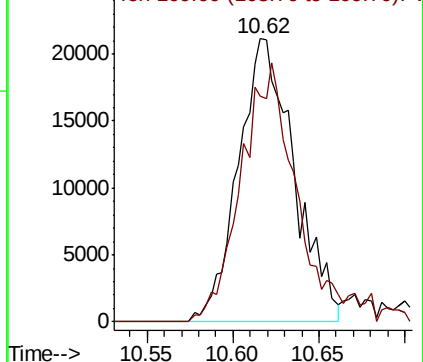
107 100

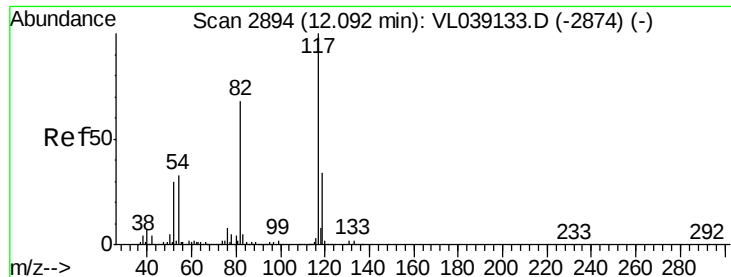
109 79.7 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

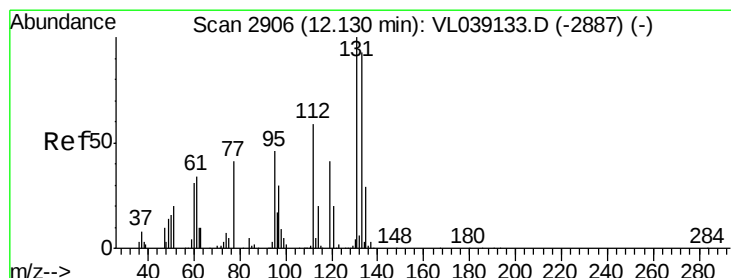
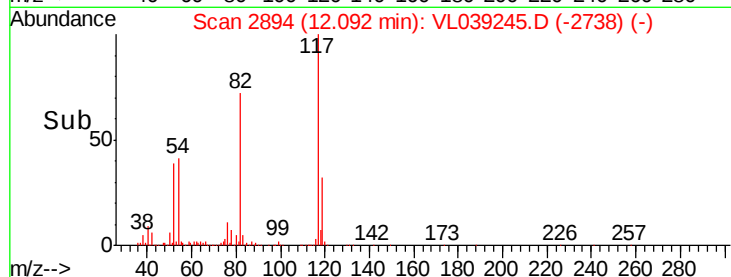
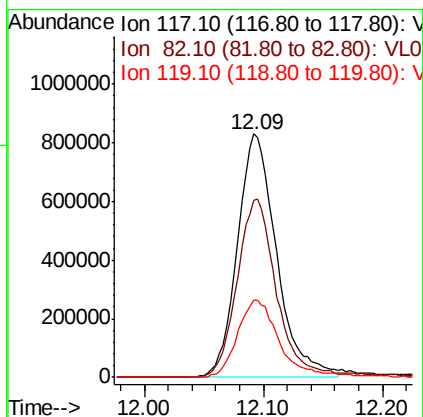
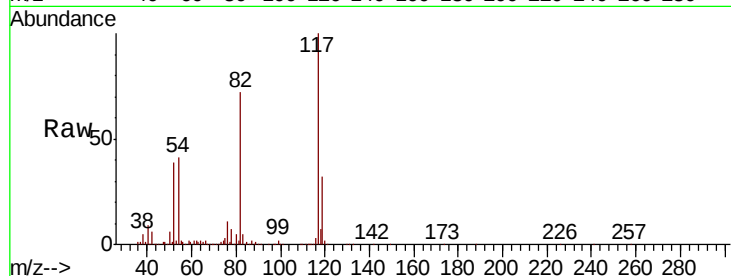




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Jun 2022 21:44

Tot Ion:117 Resp: 1894785

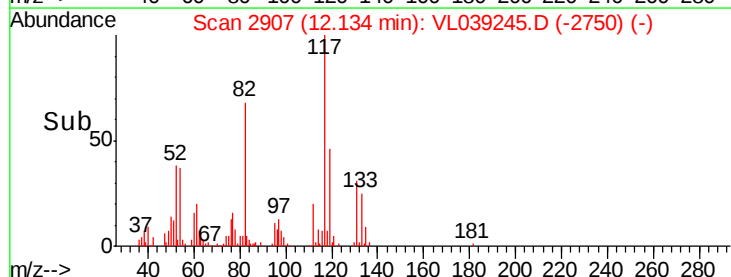
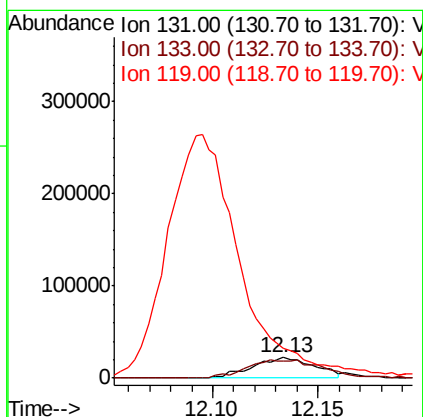
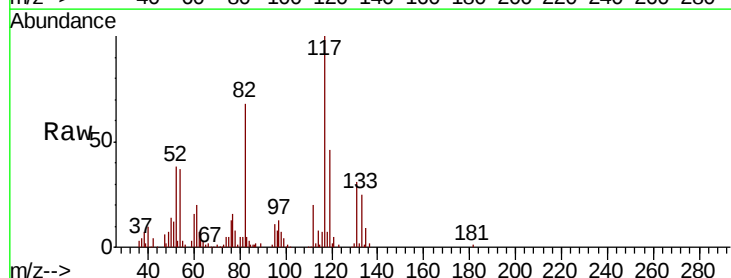
Ion	Ratio	Lower	Upper
117	100		
82	75.5	55.1	82.7
119	34.6	24.7	37.1

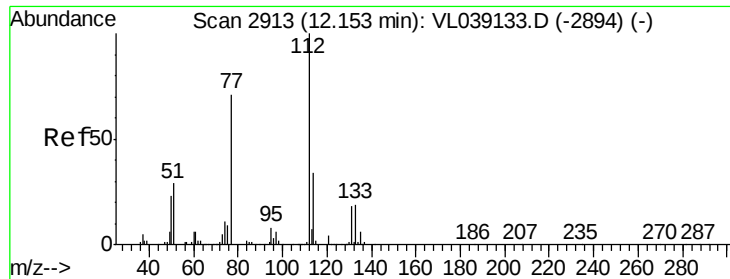


#56
1,1,1,2-Tetrachloroethane
Concen: 0.504 ppbv
RT: 12.13 min Scan# 2907
Delta R.T.: 0.00 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion:131 Resp: 45160

Ion	Ratio	Lower	Upper
131	100		
133	110.7	78.6	117.8
119	1450.0	51.7	77.5#





#57

Chlorobenzene

Concen: 0.522 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

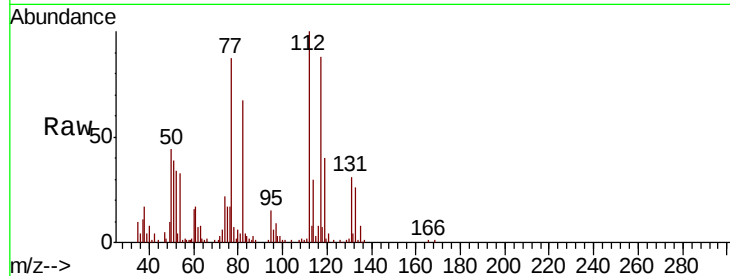
Tot Ion: 112 Resp: 74426

Ion Ratio Lower Upper

112 100

77 83.7 56.5 84.7

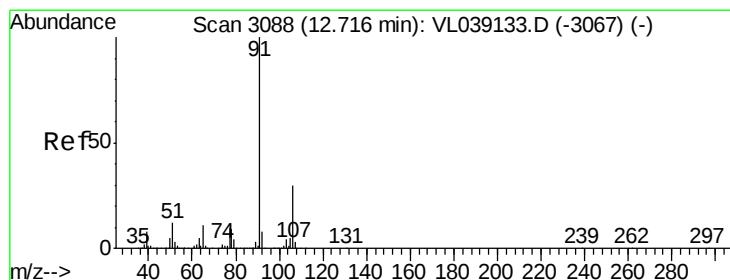
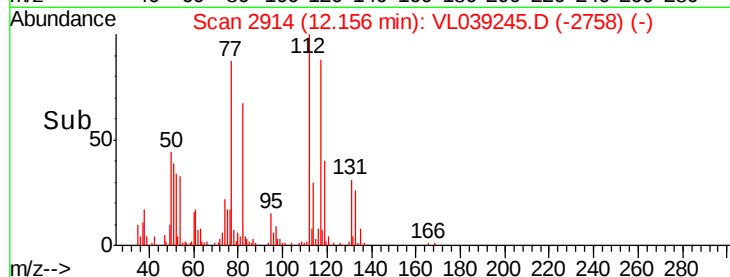
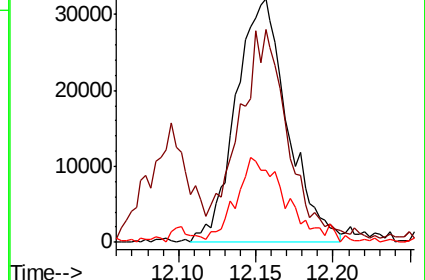
114 30.0 30.3 37.1#



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: 0.247 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VL039245.D

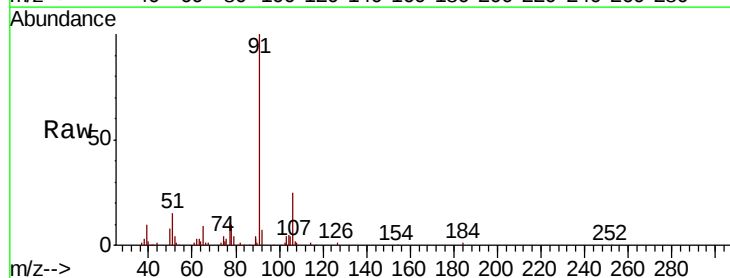
Acq: 8 Jun 2022 21:44

Tgt Ion: 91 Resp: 64536

Ion Ratio Lower Upper

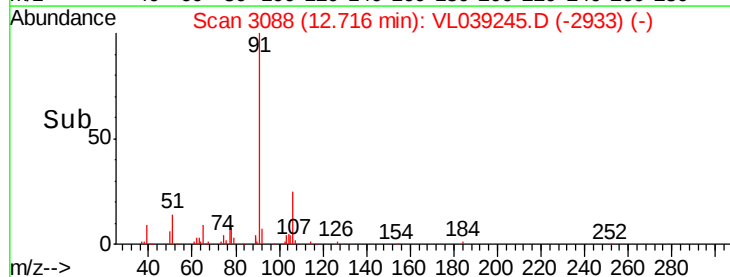
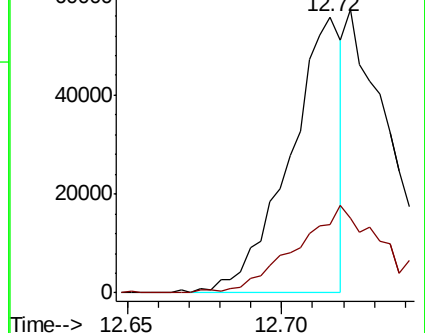
91 100

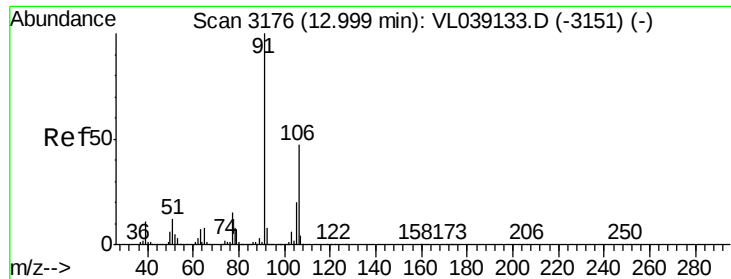
106 25.0 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

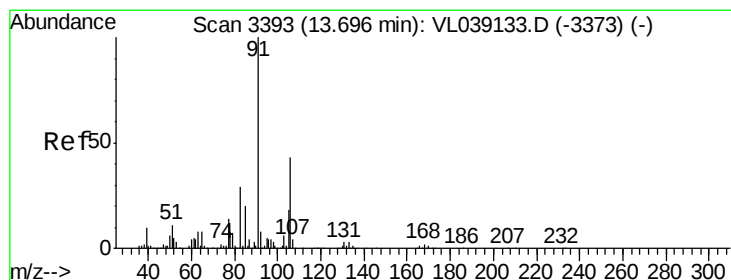
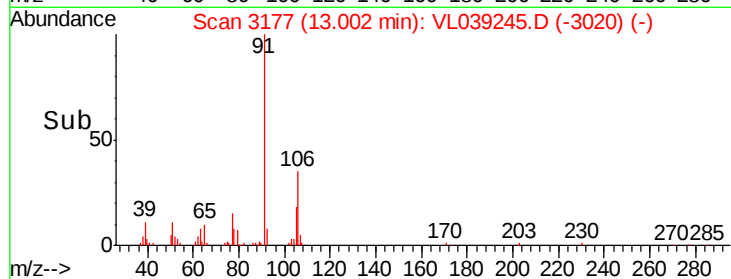
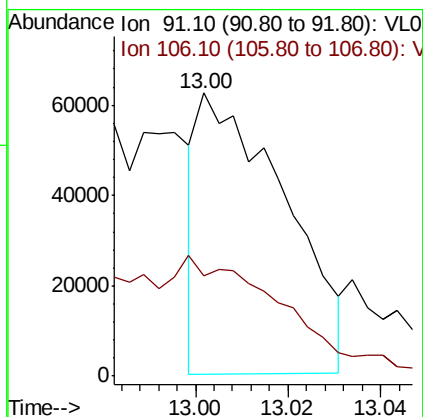
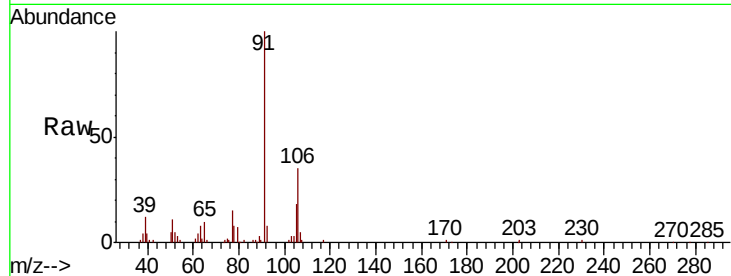
Ion 106.10 (105.80 to 106.80): V





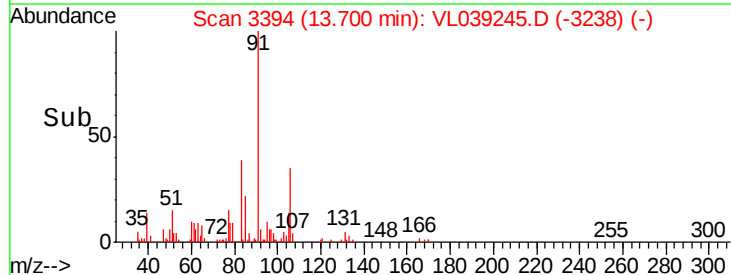
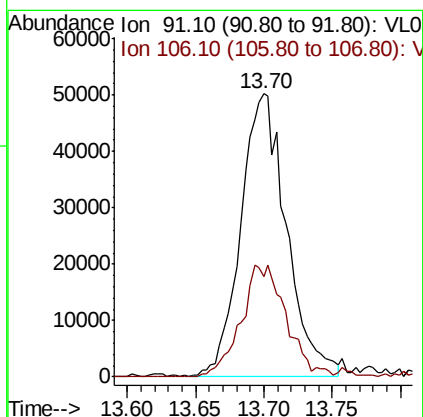
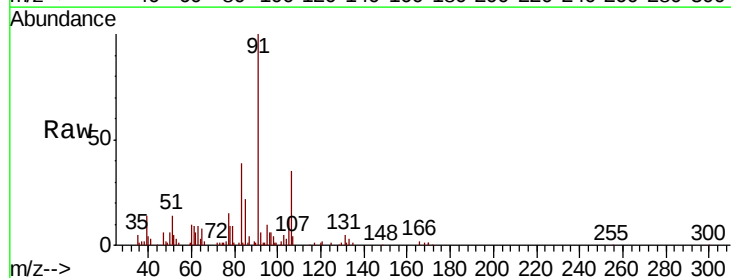
#59
m/p-Xylene
Concen: 0.351 ppbv
RT: 13.00 min
Delta R.T. 0.00 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

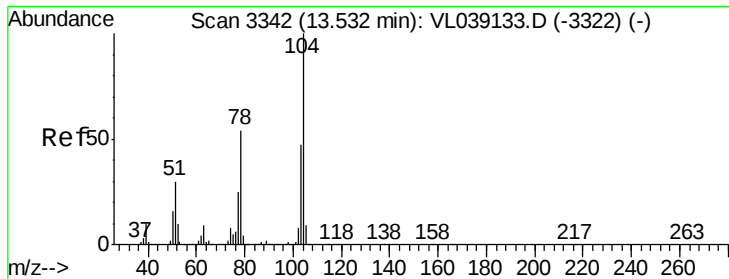
Tot Ion: 91 Resp: 80740
Ion Ratio Lower Upper
91 100
106 113.8 34.3 51.5#



#60
o-Xylene
Concen: 0.543 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion: 91 Resp: 117197
Ion Ratio Lower Upper
91 100
106 40.1 22.3 66.9





#61

Stvrene

Concen: 0.238 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

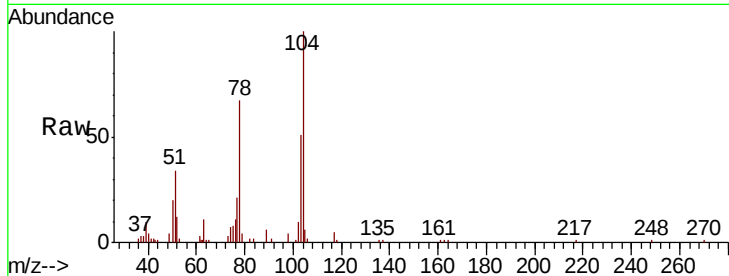
Tot Ion:104 Resp: 27486

Ion Ratio Lower Upper

104 100

78 121.2 45.7 68.5#

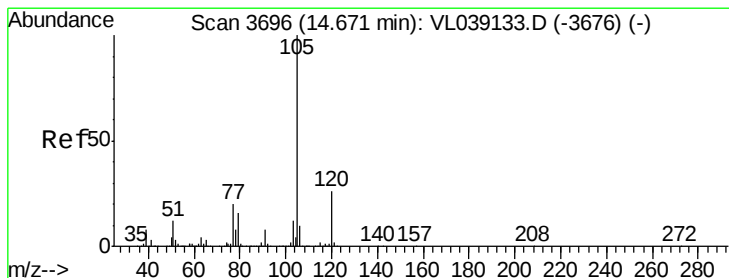
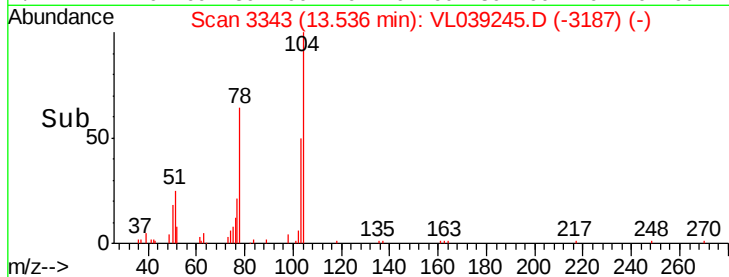
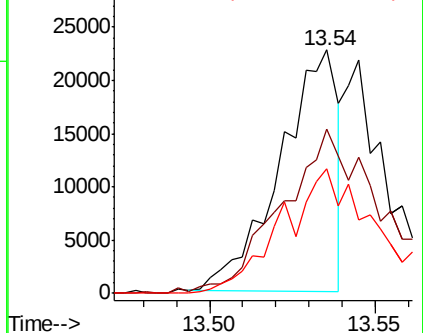
103 87.2 39.6 59.4#



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: 0.508 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VL039245.D

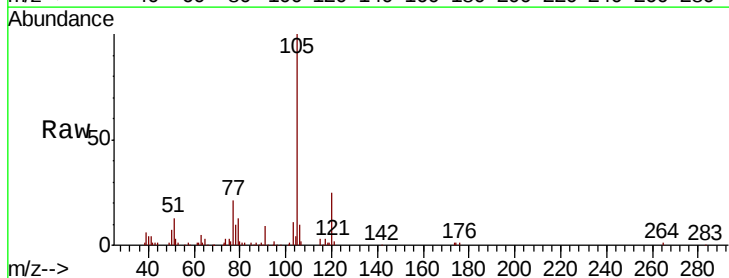
Acq: 8 Jun 2022 21:44

Tgt Ion:105 Resp: 162968

Ion Ratio Lower Upper

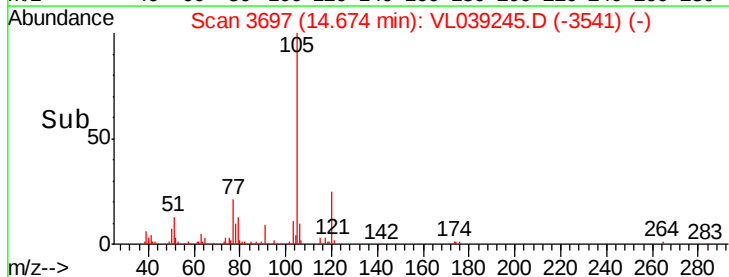
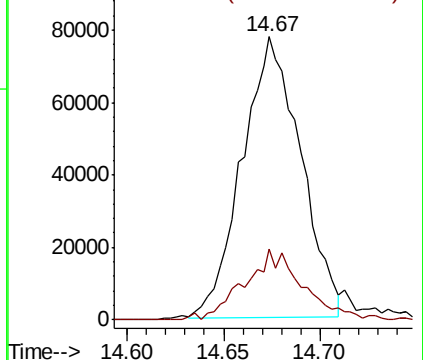
105 100

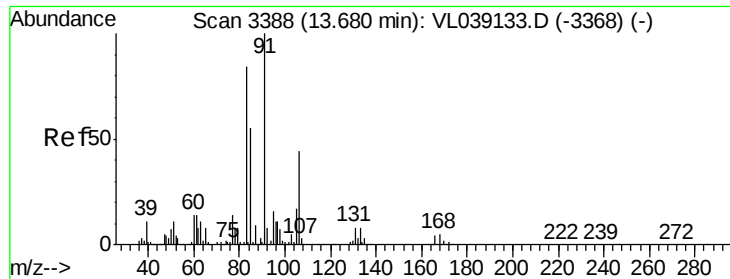
120 25.2 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

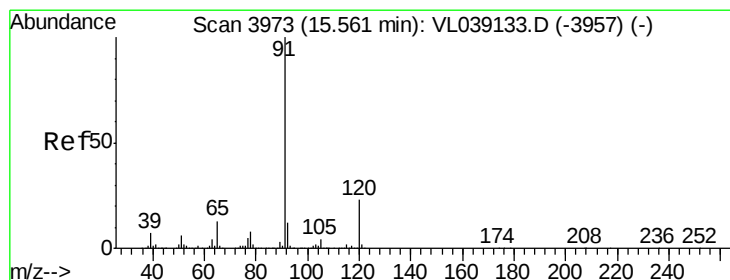
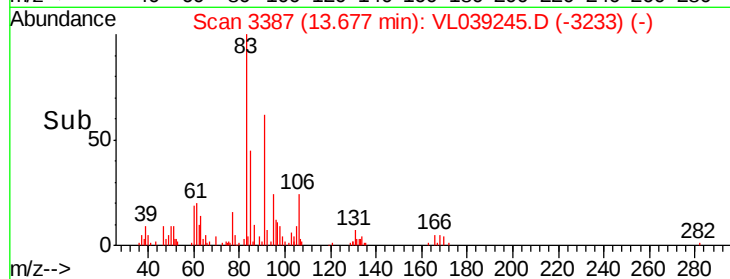
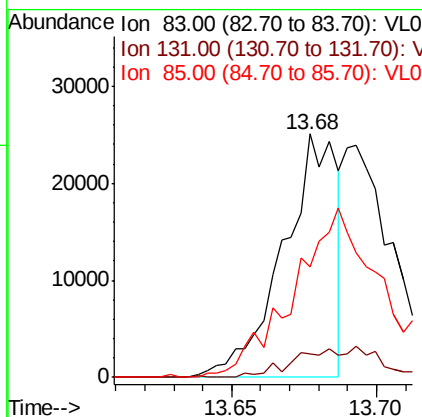
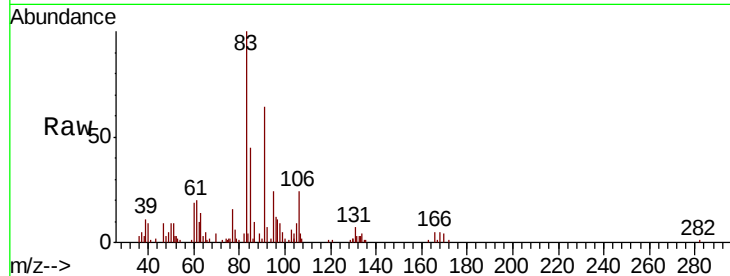
Ion 120.20 (119.90 to 120.90): V





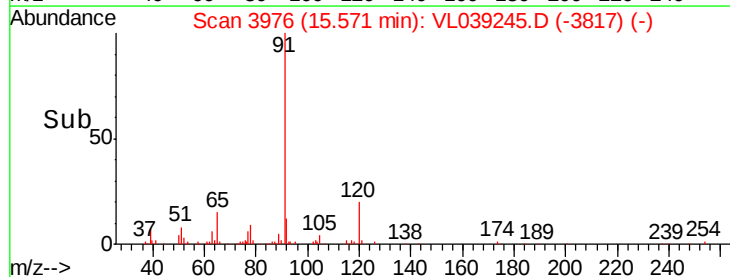
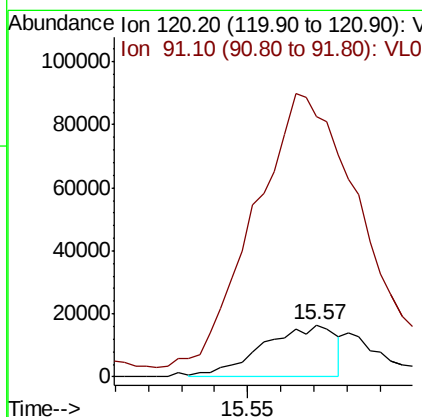
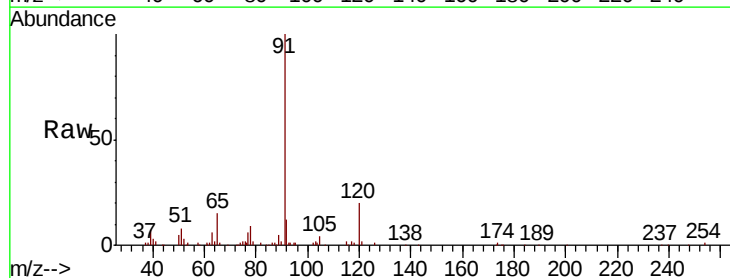
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.268 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

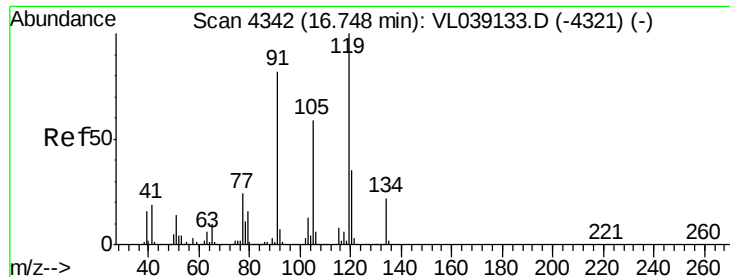
Tot Ion: 83 Resp: 32444
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.8 14.3#
 85 0.0 33.0 99.0#



#64
 n-propylbenzene
 Concen: 0.319 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T. 0.01 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

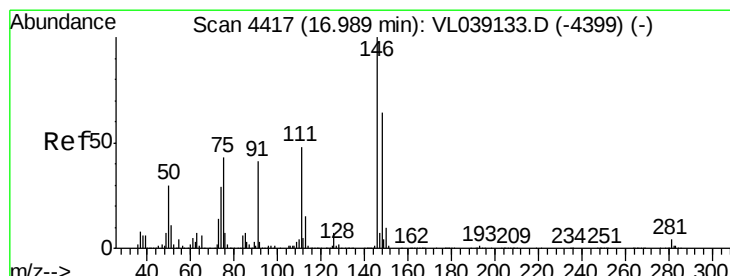
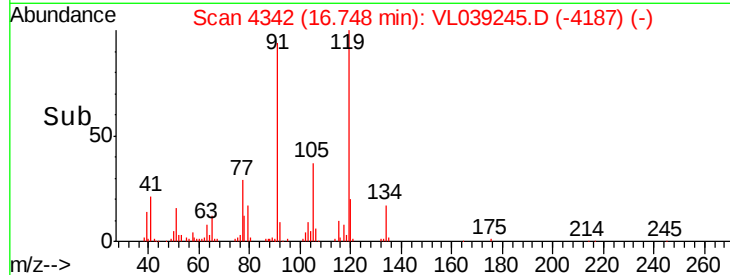
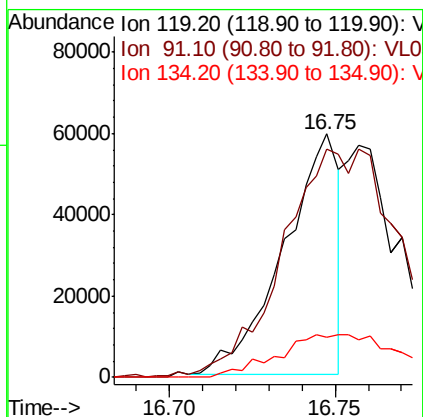
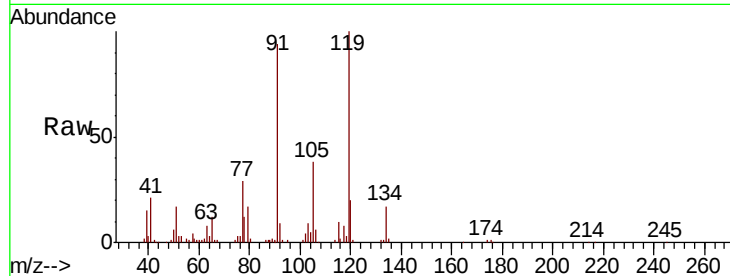
Tgt Ion:120 Resp: 25136
 Ion Ratio Lower Upper
 120 100
 91 894.6 388.4 582.6#





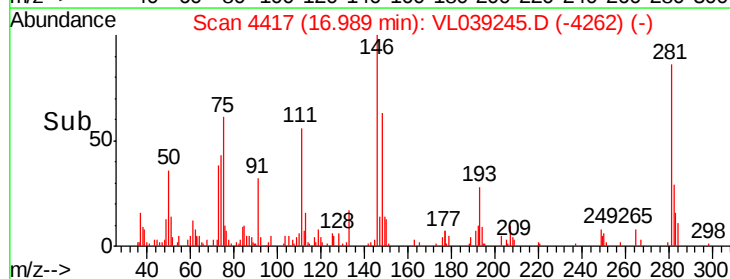
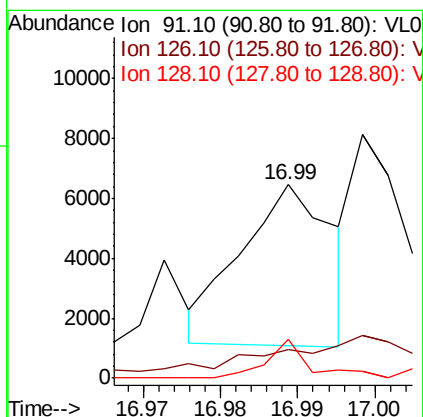
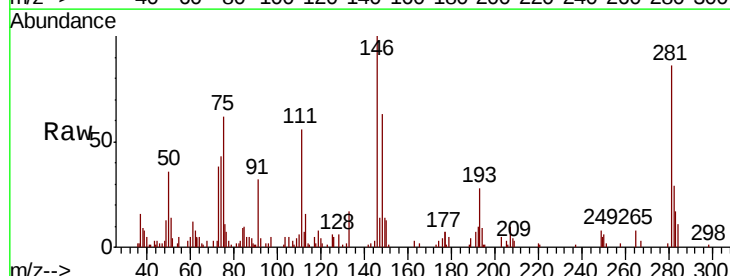
#65
 tert-Butylbenzene
 Concen: 0.232 ppbv
 RT: 16.75
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 8 Jun 2022 21:44

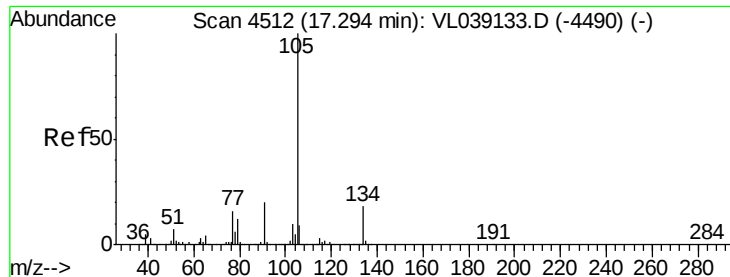
Tot Ion: 119 Resp: 68224
 Ion Ratio Lower Upper
 119 100
 91 228.6 67.1 100.7#
 134 0.0 15.8 23.8#



#66
 Benzyl Chloride
 Concen: 0.116 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. -0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

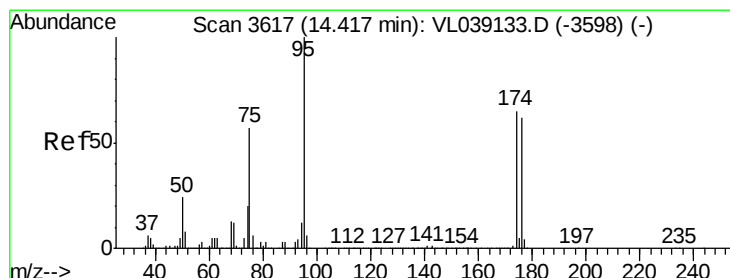
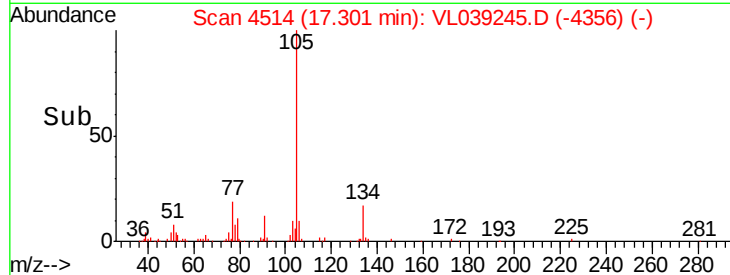
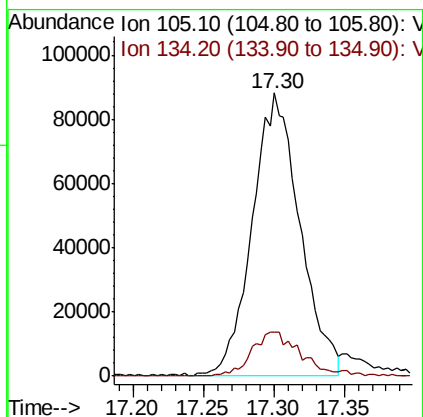
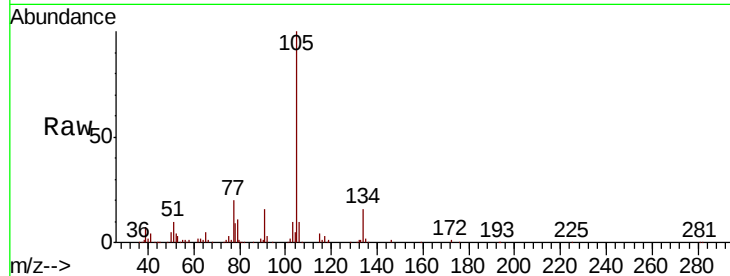
Tgt Ion: 91 Resp: 4414
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.4 20.0#
 128 13.7 4.1 6.1#





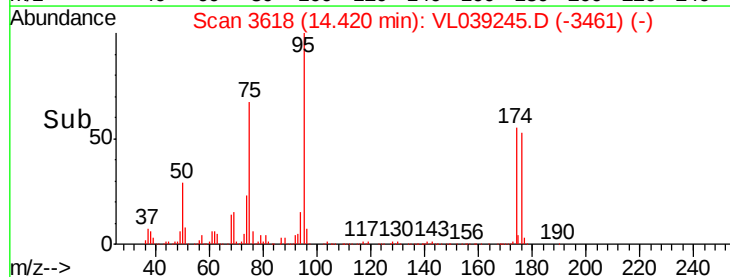
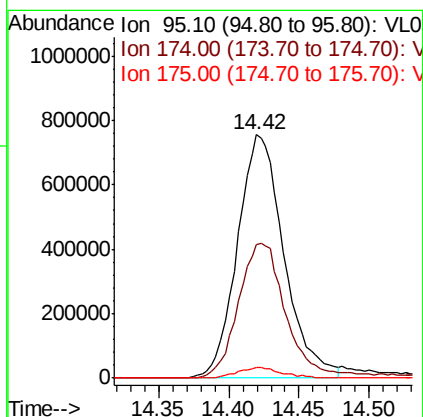
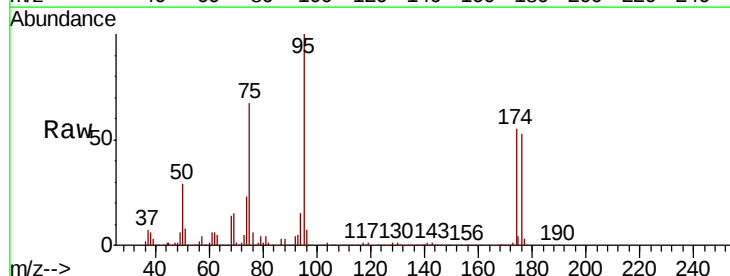
#67
 sec-Butylbenzene
 Concen: 0.514 ppbv
 RT: 17.30 min
 Delta R.T.: 0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

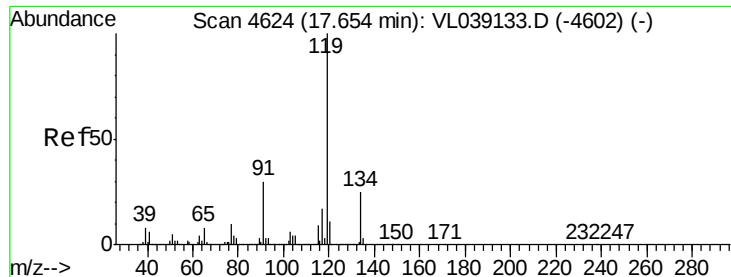
Tot Ion: 105 Resp: 205801
 Ion Ratio Lower Upper
 105 100
 134 16.8 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.086 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T.: 0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

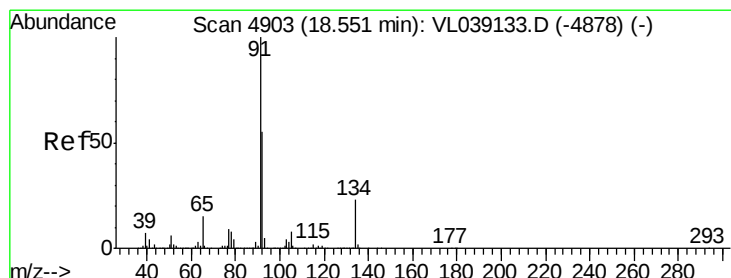
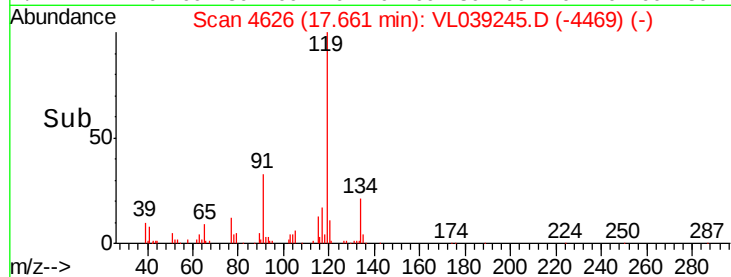
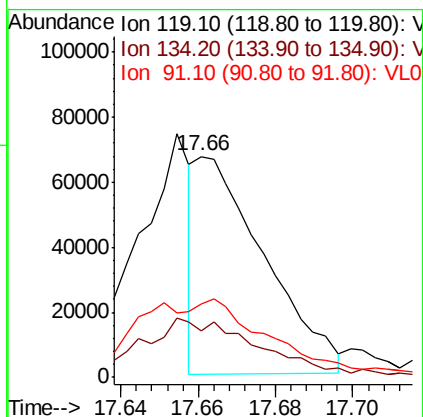
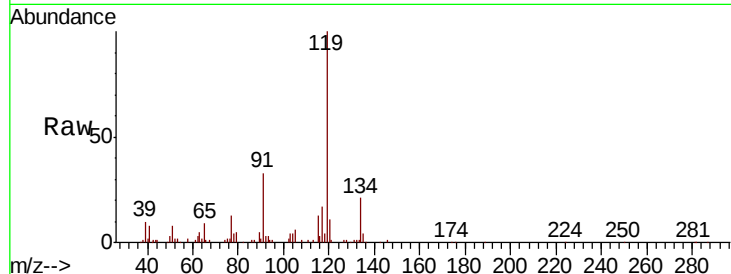
Tgt Ion: 95 Resp: 1736534
 Ion Ratio Lower Upper
 95 100
 174 59.6 53.8 80.8
 175 4.5 4.1 6.1





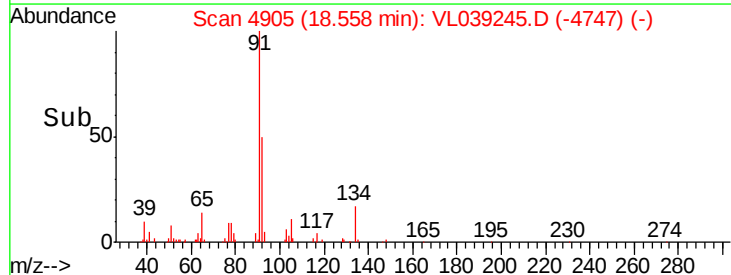
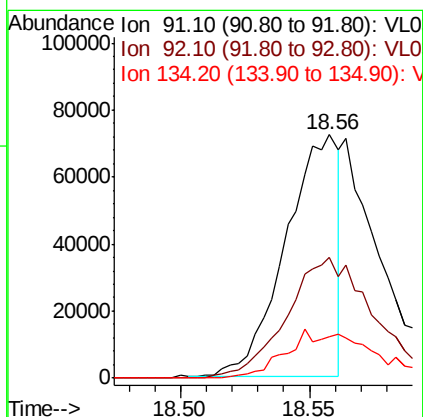
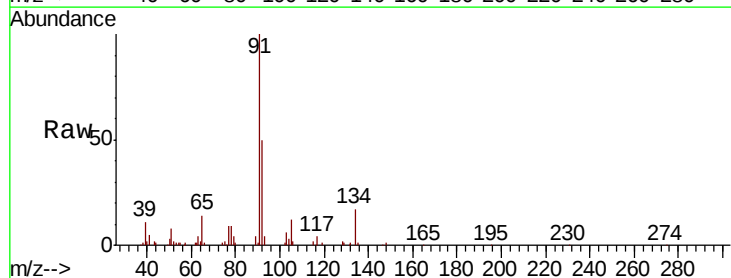
#69
 p-Isopropyltoluene
 Concen: 0.242 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

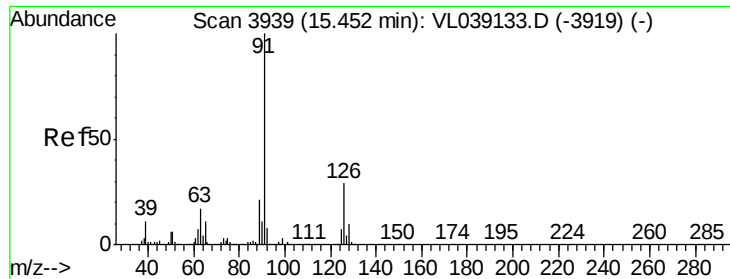
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	78.8	24.2	36.4#



#70
 n-Butylbenzene
 Concen: 0.299 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.01 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

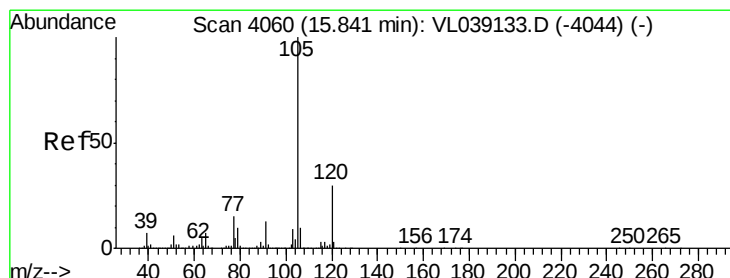
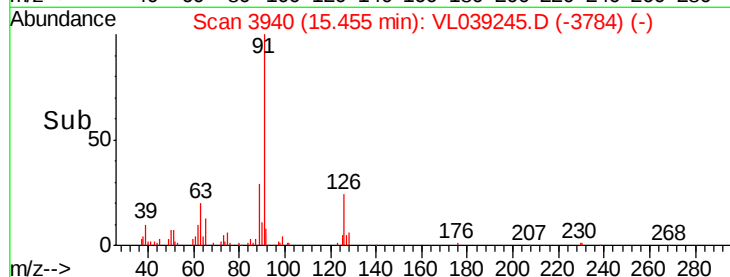
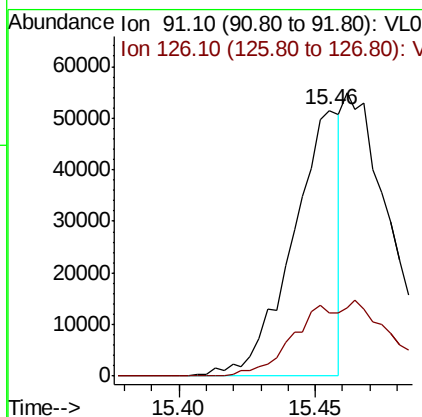
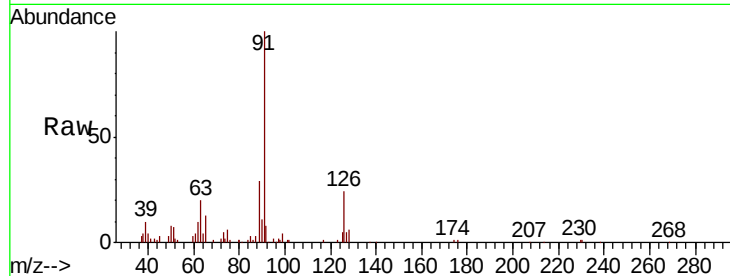
Tgt Ion	Ratio	Lower	Upper
91	100		
92	87.0	43.6	65.4#
134	33.4	17.7	26.5#





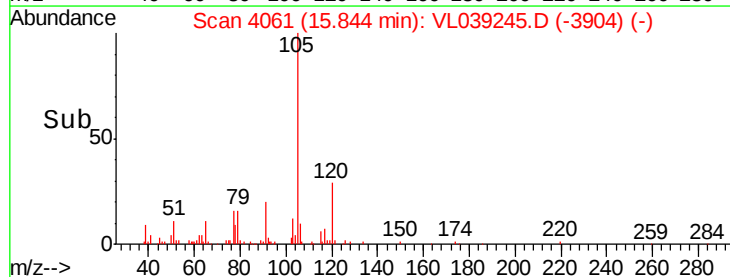
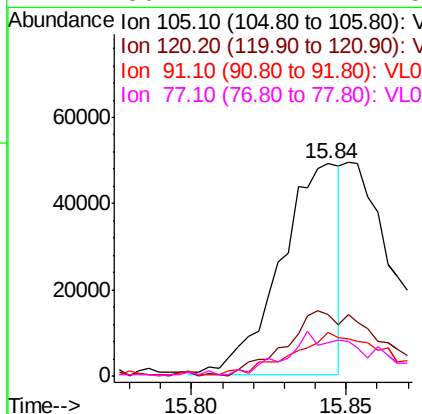
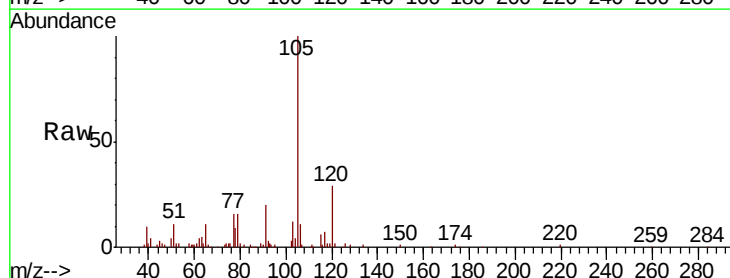
#71
 2-Chlorotoluene
 Concen: 0.253 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

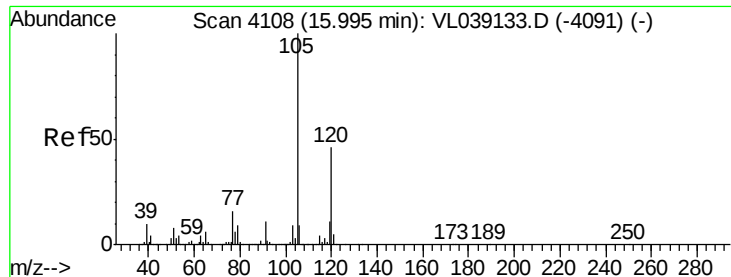
Tot Ion: 91 Resp: 61985
 Ion Ratio Lower Upper
 91 100
 126 0.0 12.2 48.6#



#72
 4-Ethyltoluene
 Concen: 0.257 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. 0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

Tgt Ion:105 Resp: 65150
 Ion Ratio Lower Upper
 105 100
 120 53.6 23.9 35.9#
 91 34.0 10.6 16.0#
 77 30.4 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.514 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

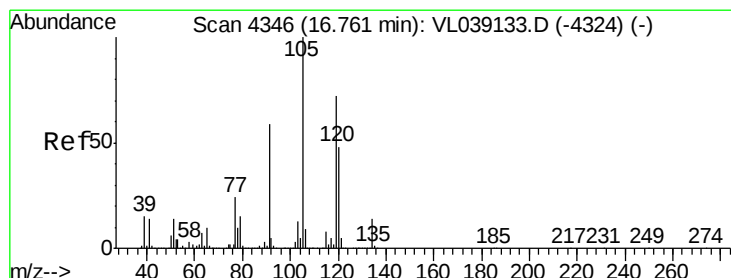
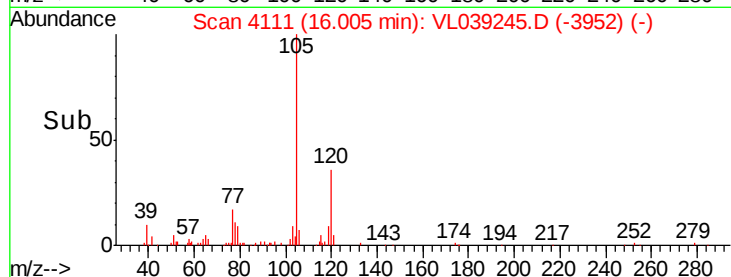
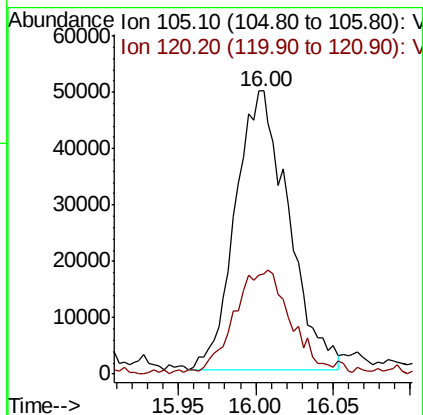
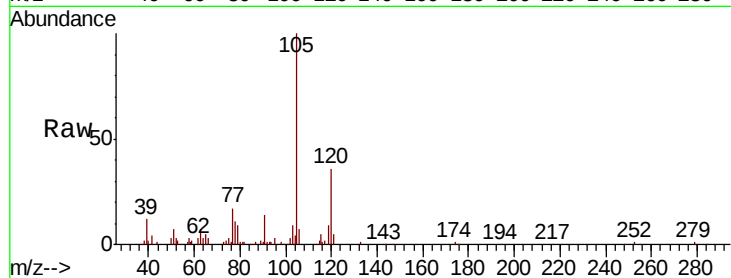
Acq: 8 Jun 2022 21:44

Tot Ion:105 Resp: 117237

Ion Ratio Lower Upper

105 100

120 34.7 36.7 55.1#



#74

1,2,4-Trimethylbenzene

Concen: 0.516 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion:105 Resp: 131496

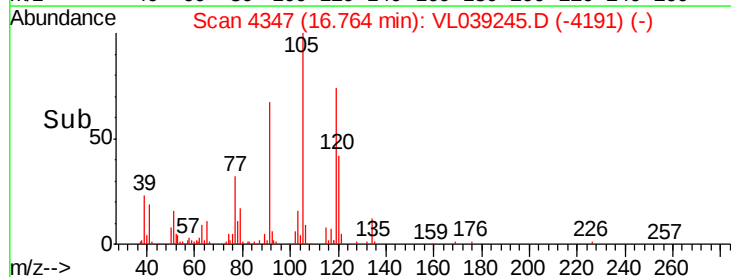
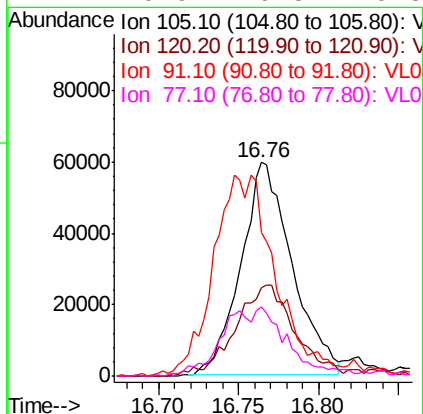
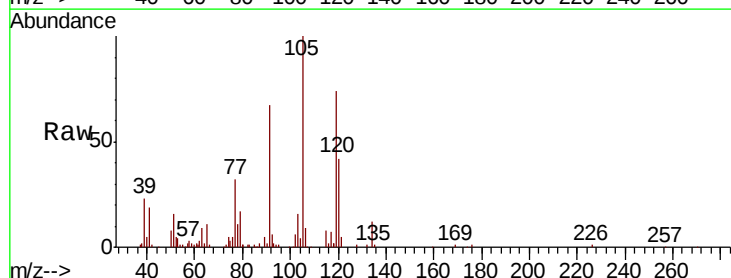
Ion Ratio Lower Upper

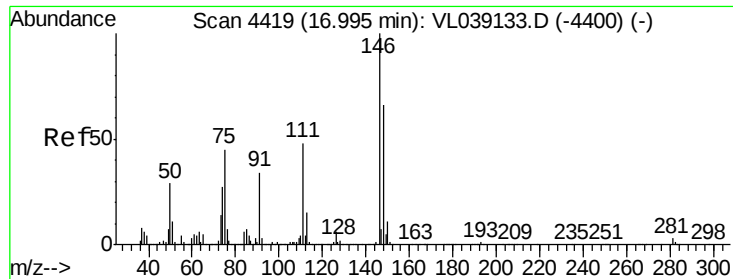
105 100

120 40.1 38.1 57.1

91 63.0 47.4 71.0

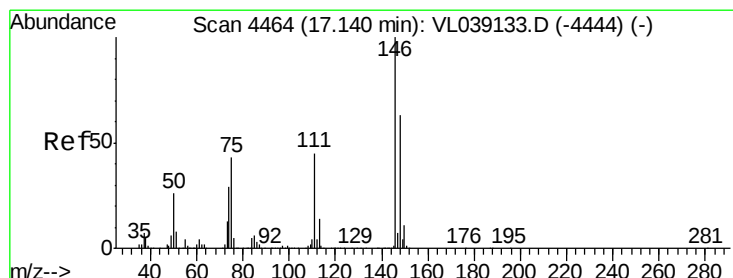
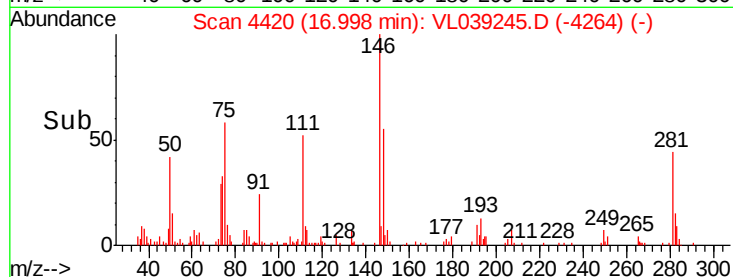
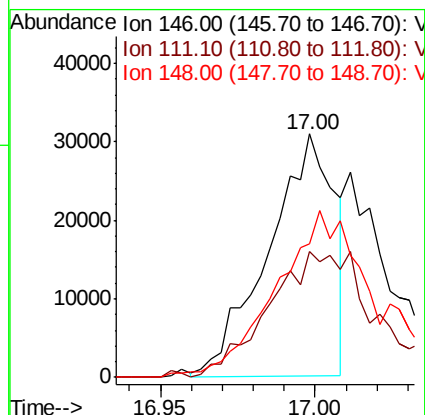
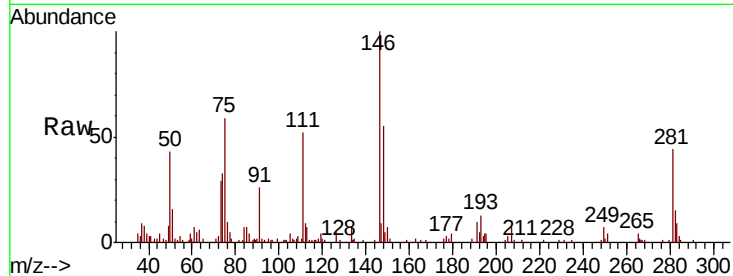
77 29.9 19.5 29.3#





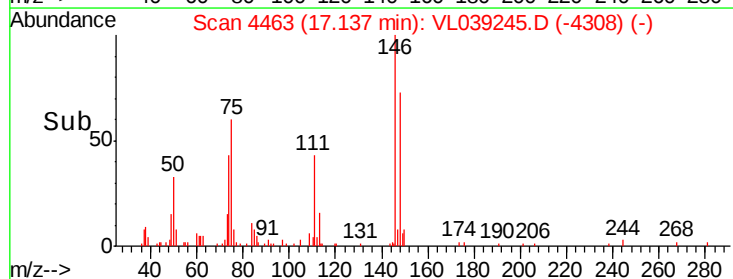
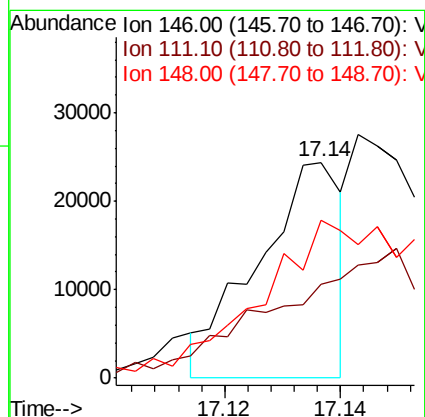
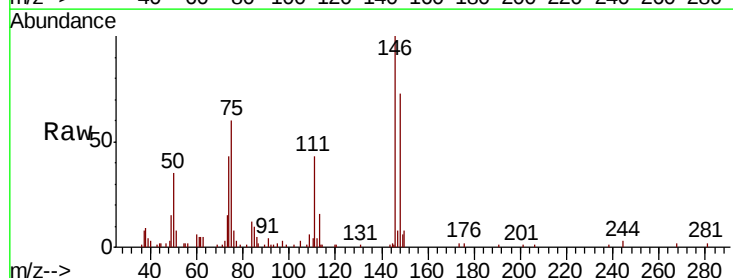
#75
 1,3-Dichlorobenzene
 Concen: 0.318 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 8 Jun 2022 21:44

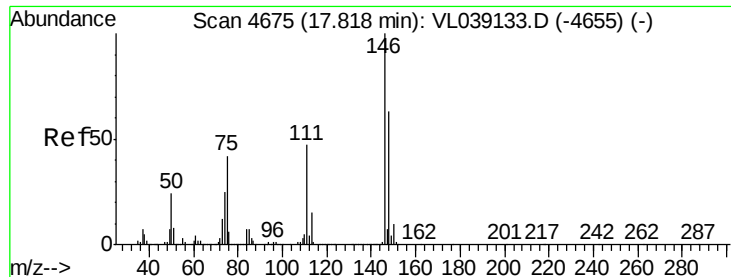
Tot Ion:146 Resp: 45814
 Ion Ratio Lower Upper
 146 100
 111 89.4 23.8 71.4#
 148 107.4 32.4 97.0#



#76
 1,4-Dichlorobenzene
 Concen: 0.170 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. -0.00 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

Tgt Ion:146 Resp: 24501
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.6 71.0#
 148 194.1 33.7 101.0#





#77

1,2-Dichlorobenzene

Concen: 0.467 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

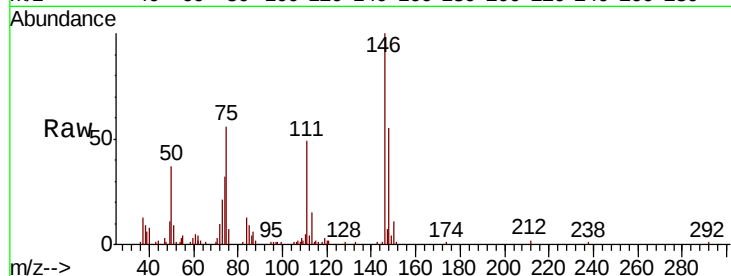
Tot Ion:146 Resp: 67862

Ion Ratio Lower Upper

146 100

111 57.2 24.4 73.4

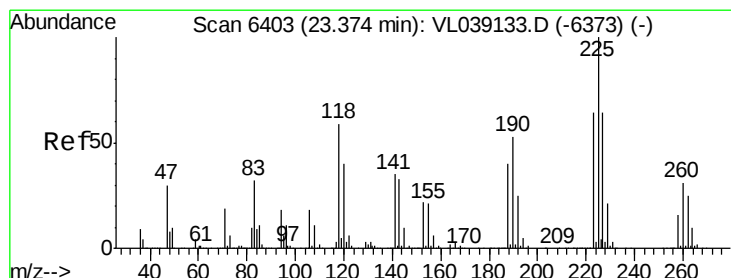
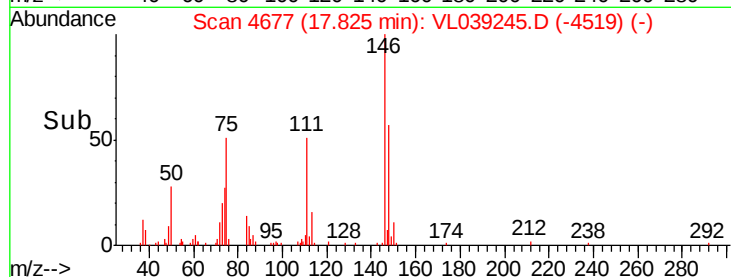
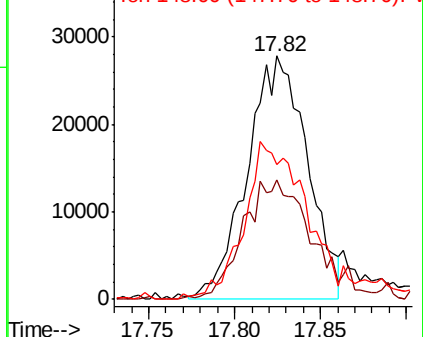
148 73.6 32.1 96.5



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



#78

Hexachloro-1,3-Butadiene

Concen: 0.320 ppbv

RT: 23.38 min Scan# 6404

Delta R.T. 0.00 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

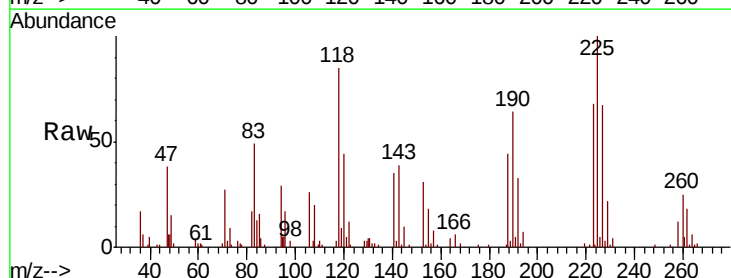
Tgt Ion:225 Resp: 42561

Ion Ratio Lower Upper

225 100

223 112.8 51.4 77.0#

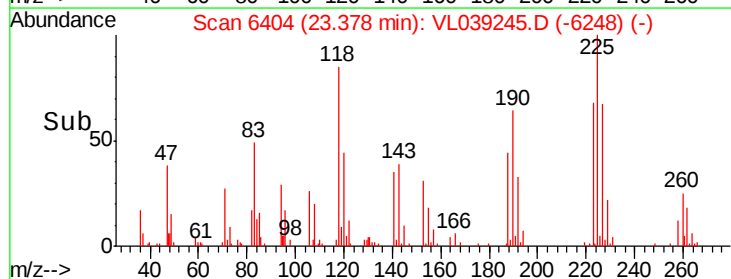
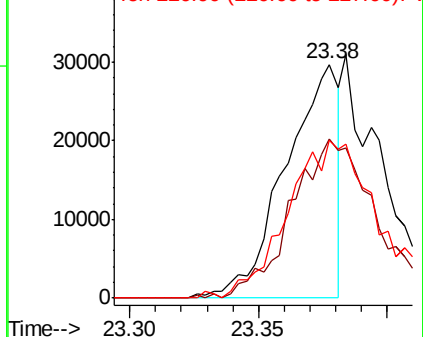
227 116.1 50.6 75.8#

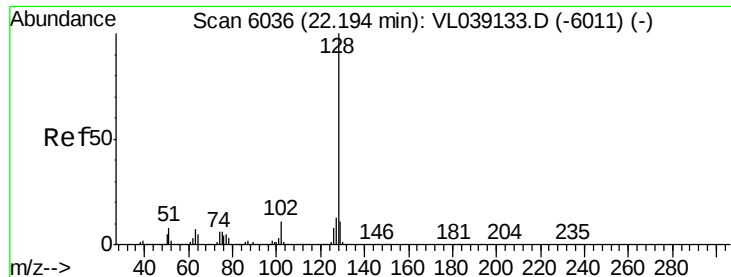


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.076 ppbv

RT: 22.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Jun 2022 21:44

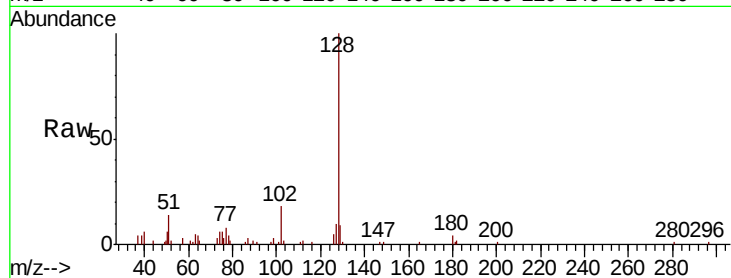
Tot Ion:128 Resp: 14982

Ion Ratio Lower Upper

128 100

127 2.1 10.4 15.6#

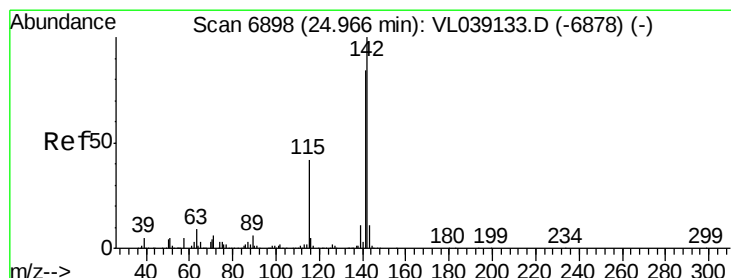
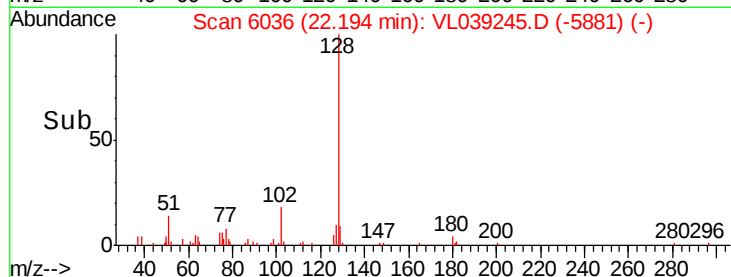
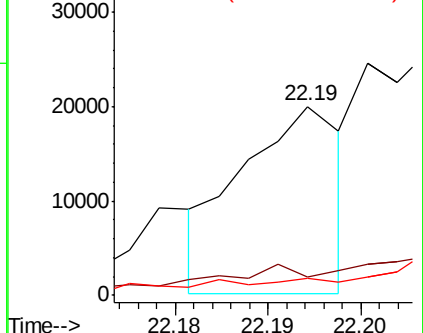
129 8.6 9.0 13.6#



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: 0.100 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. 0.00 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

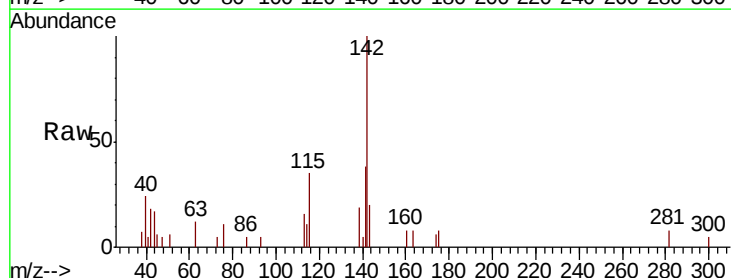
Tgt Ion:142 Resp: 7317

Ion Ratio Lower Upper

142 100

141 64.0 64.6 96.8#

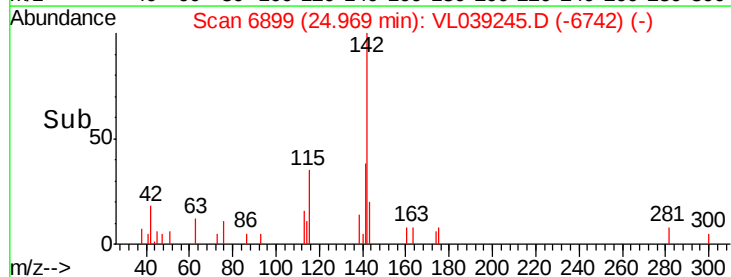
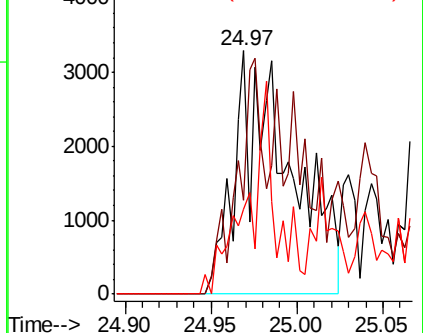
115 45.0 32.7 49.1

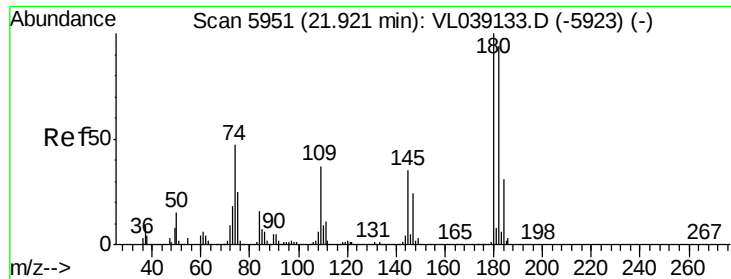


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.148 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Jun 2022 21:44

Tot Ion:180 Resp: 18402
 Ion Ratio Lower Upper
 180 100
 182 265.5 0.0 0.0#
 184 0.0 0.0 0.0

