

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062222\
 Data File : VL039323.D
 Acq On : 22 Jun 2022 17:01
 Operator : SY/AP
 Sample : N3214-14 L00 0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 23 07:26:46 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	5.67	49	1167100	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3385464	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3096376	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2370826	9.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.60%

Target Compounds				Ovalue
2) Dichlorodifluoromethane	3.05	85	105162	0.513 ppbv 94
3) Chlorodifluoromethane	2.99	51	84452	0.569 ppbv 96
4) Chloromethane	3.14	50	27370	0.359 ppbv 100
5) Vinyl Chloride	3.26	62	38491	0.540 ppbv 99
6) Bromomethane	3.47	94	9680	0.276 ppbv # 76
7) Chloroethane	3.56	64	11961	0.481 ppbv # 78
8) Dichlorotetrafluoroethane	3.19	85	91962	0.491 ppbv # 81
9) Propene	3.01	41	38433	0.594 ppbv 99
10) Heptane	8.12	43	78500	0.520 ppbv 96
11) Trichlorofluoromethane	3.95	101	97498	0.525 ppbv 95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	75380	0.614 ppbv 97
13) Ethanol	3.61	45	937	0.265 ppbv # 100
14) Bromoethene	3.74	108	26895	0.488 ppbv # 82
15) Acetone	3.86	43	75432	0.620 ppbv 93
16) 1,3-Butadiene	3.33	39	39766	0.608 ppbv 95
17) tert-Butyl alcohol	4.30	59	34663	0.368 ppbv # 65
18) 1,1-Dichloroethene	4.29	96	15724	0.286 ppbv 93
20) Methylene Chloride	4.35	84	46314	0.904 ppbv # 85
21) Allvl Chloride	4.41	41	46319	0.565 ppbv 88
23) Vinyl Acetate	5.08	43	39703	0.395 ppbv # 92
24) 1,1-Dichloroethane	5.01	63	69259	0.503 ppbv 97
25) Ethyl Acetate	5.68	43	153837	0.561 ppbv 98
26) Hexane	5.69	57	39921	0.332 ppbv # 1
27) Carbon Disulfide	4.55	76	58961	0.472 ppbv # 83
28) Methyl tert-Butyl Ether	5.05	73	53618	0.403 ppbv # 86
29) Chloroform	5.75	83	97278	0.480 ppbv 99
30) Cyclohexane	7.13	84	30488	0.301 ppbv # 33
31) cis-1,2-Dichloroethene	5.55	61	59708	0.486 ppbv 94
32) 1,1,1-Trichloroethane	6.51	97	62549	0.315 ppbv # 52
34) 2-Butanone	5.26	43	81282	0.442 ppbv # 90
35) Carbon Tetrachloride	7.01	117	97927	0.396 ppbv 95
36) Benzene	6.89	78	124570	0.453 ppbv # 91
37) 1,2-Dichloroethane	6.30	62	73254	0.405 ppbv # 94
38) Trichloroethene	7.83	130	64770	0.513 ppbv 93
39) 1,2-Dichloropropane	7.61	63	49714	0.455 ppbv 97
41) Tetrahydrofuran	6.08	42	39745	0.359 ppbv # 86
42) Bromodichloromethane	7.79	83	96058	0.383 ppbv # 97
43) Methyl Methacrylate	8.02	69	36455	0.341 ppbv # 67
44) 2,2,4-Trimethylpentane	7.87	57	229258	0.477 ppbv 97
45) t-1,3-Dichloropropene	9.28	75	10156	0.091 ppbv 95
47) 1,1,2-Trichloroethane	9.47	97	53036	0.465 ppbv 93

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

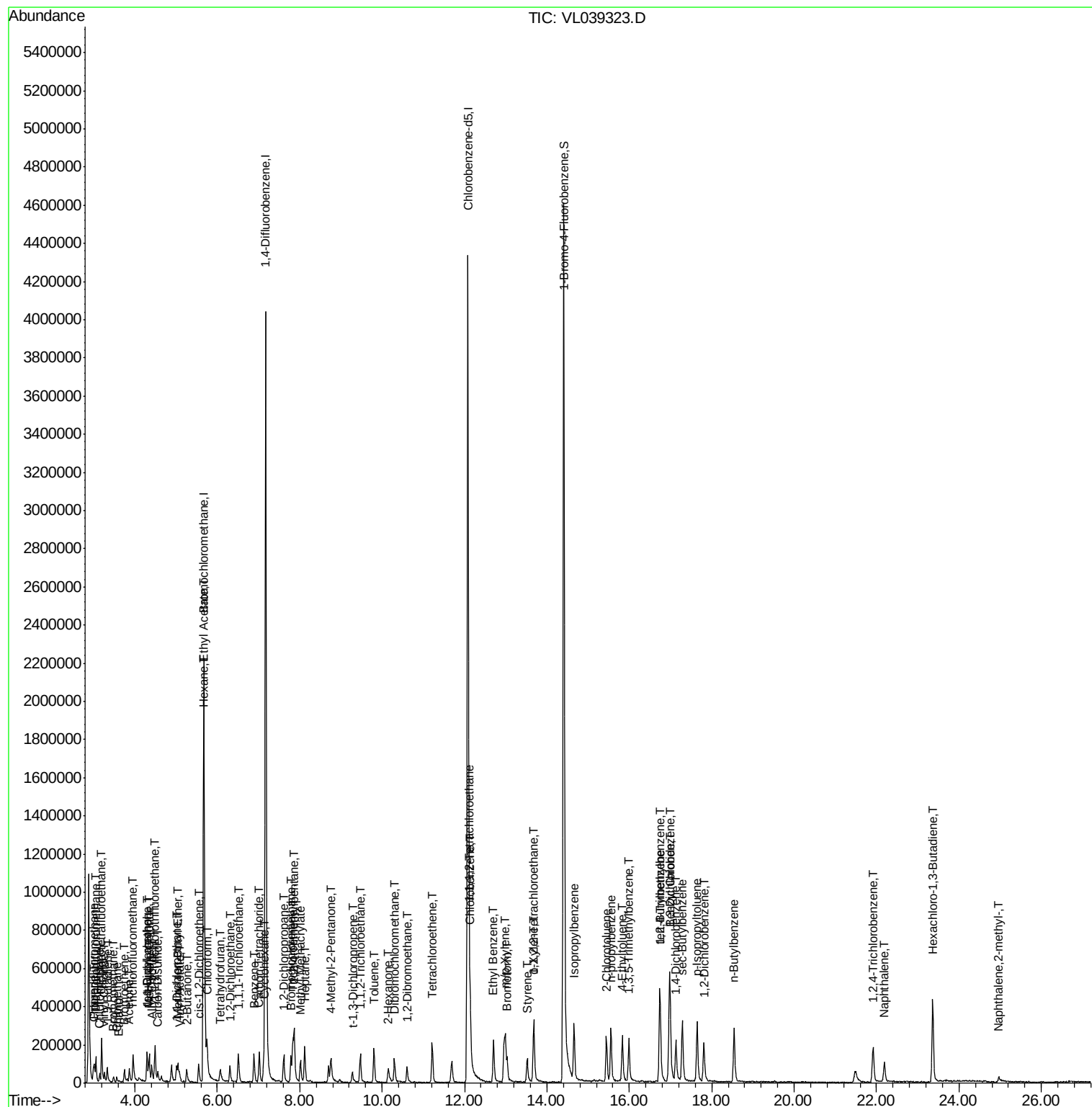
48) Dibromochloromethane	10.30	129	39674	0.195	ppbv #	19
49) Bromoform	13.03	173	50693	0.299	ppbv	93
50) 4-Methyl-2-Pentanone	8.75	43	44661	0.162	ppbv #	39
51) 2-Hexanone	10.15	43	62902	0.294	ppbv #	81
52) Tetrachloroethene	11.21	164	25877	0.241	ppbv #	89
53) Toluene	9.80	91	77086	0.244	ppbv #	28
54) 1,2-Dibromoethane	10.60	107	34984	0.228	ppbv	86
56) 1,1,1,2-Tetrachloroethane	12.13	131	40461	0.276	ppbv #	27
57) Chlorobenzene	12.14	112	66491	0.285	ppbv #	63
58) Ethyl Benzene	12.71	91	198917	0.466	ppbv	99
59) m/p-Xylene	12.98	91	46820	0.125	ppbv #	1
60) o-Xylene	13.68	91	171393	0.486	ppbv	99
61) Styrene	13.52	104	74692	0.395	ppbv	98
62) Isopropylbenzene	14.66	105	273466	0.521	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	86726	0.438	ppbv	96
64) n-propylbenzene	15.56	120	61420	0.476	ppbv	86
65) tert-Butylbenzene	16.74	119	241204	0.503	ppbv	99
66) Benzyl Chloride	16.98	91	5602	0.090	ppbv #	1
67) sec-Butylbenzene	17.28	105	318200	0.486	ppbv	100
69) p-Isopropyltoluene	17.65	119	255463	0.463	ppbv	99
70) n-Butylbenzene	18.54	91	128668	0.227	ppbv #	33
71) 2-Chlorotoluene	15.44	91	186366	0.466	ppbv	97
72) 4-Ethyltoluene	15.83	105	186821	0.452	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	167379	0.449	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	90933	0.218	ppbv	92
75) 1,3-Dichlorobenzene	16.99	146	112467	0.477	ppbv	89
76) 1,4-Dichlorobenzene	17.13	146	106209	0.452	ppbv	89
77) 1,2-Dichlorobenzene	17.81	146	107236	0.452	ppbv	91
78) Hexachloro-1,3-Butadiene	23.36	225	64076	0.295	ppbv #	33
79) Naphthalene	22.19	128	129530	0.404	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	17691	0.149	ppbv #	79
81) 1,2,4-Trichlorobenzene	21.91	180	37423	0.184	ppbv #	100

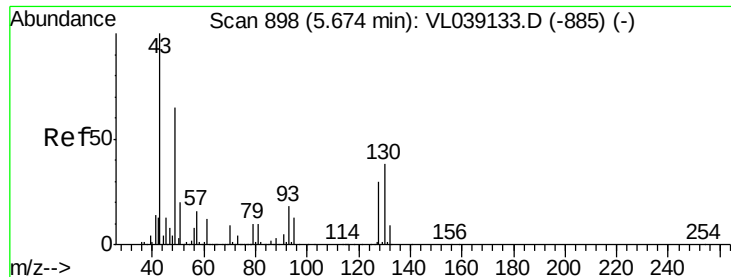
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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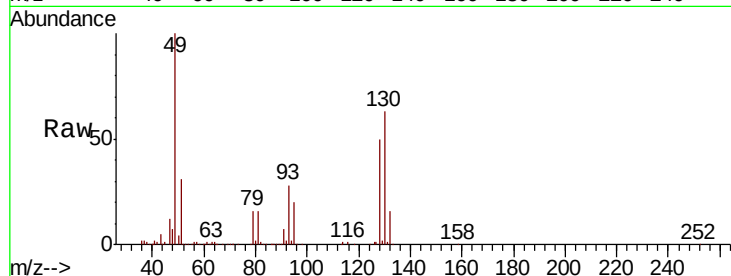
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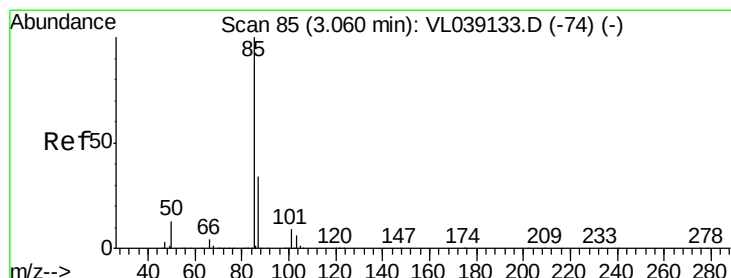
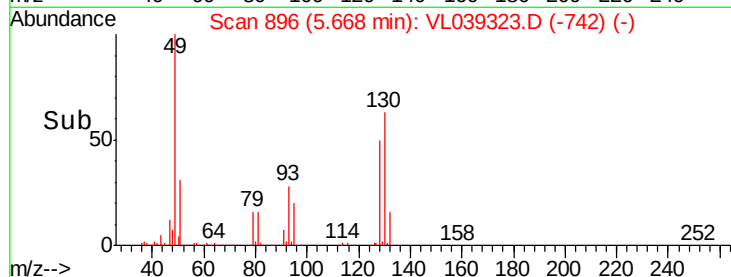
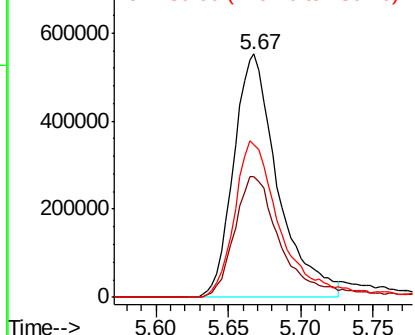


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 22 Jun 2022 17:01

Tot Ion: 49 Resp: 1167100
 Ion Ratio Lower Upper
 49 100
 128 55.3 24.7 74.1
 130 69.9 31.4 94.0

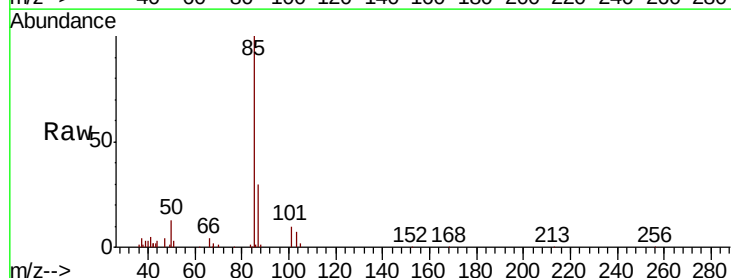


Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V

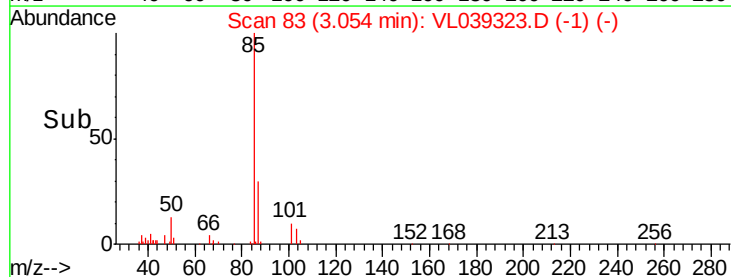
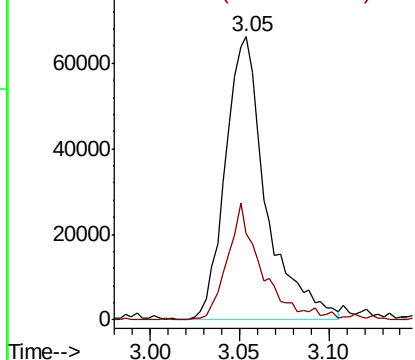


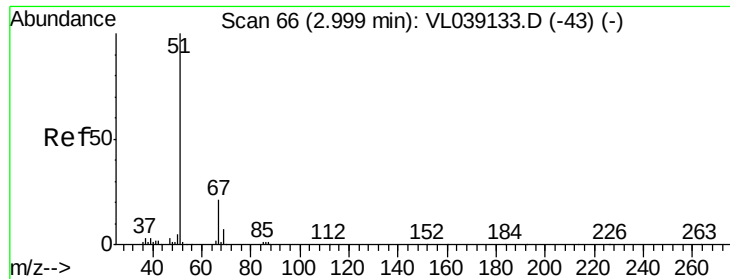
#2
 Dichlorodifluoromethane
 Concen: 0.513 ppbv
 RT: 3.05 min Scan# 83
 Delta R.T. -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion: 85 Resp: 105162
 Ion Ratio Lower Upper
 85 100
 87 30.3 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: 0.569 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOQ-AIR-02-OT2-2022

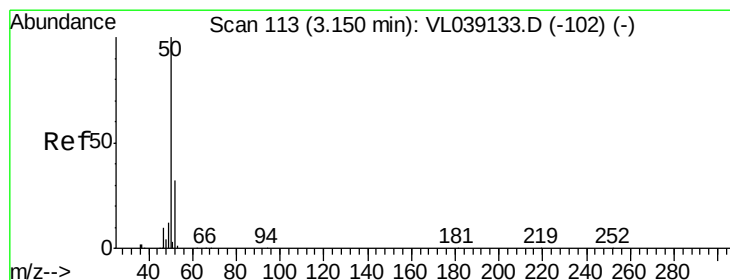
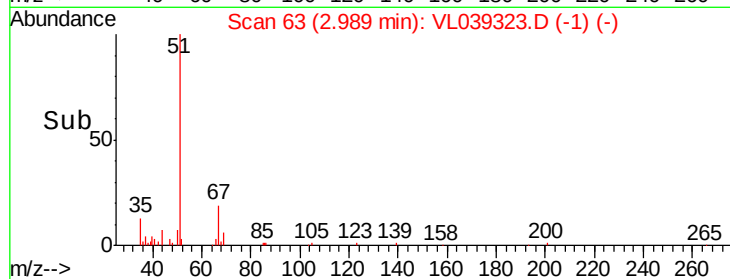
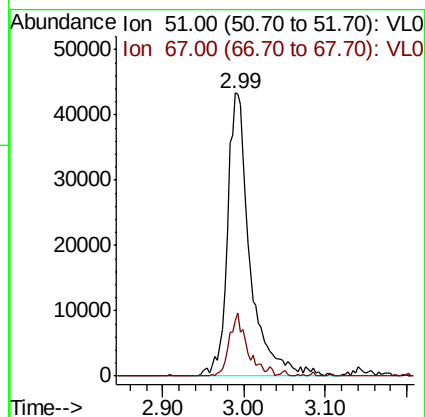
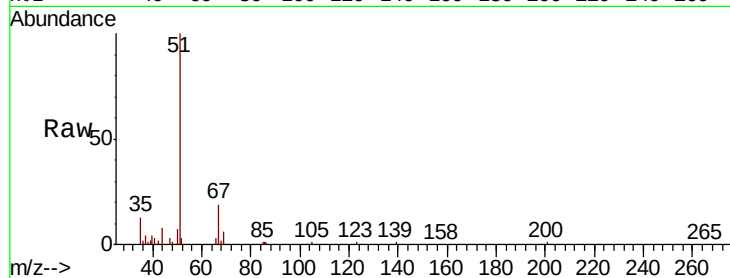
Acq: 22 Jun 2022 17:01

Tot Ion: 51 Resp: 84452

Ion Ratio Lower Upper

51 100

67 18.5 16.2 24.4



#4

Chloromethane

Concen: 0.359 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039323.D

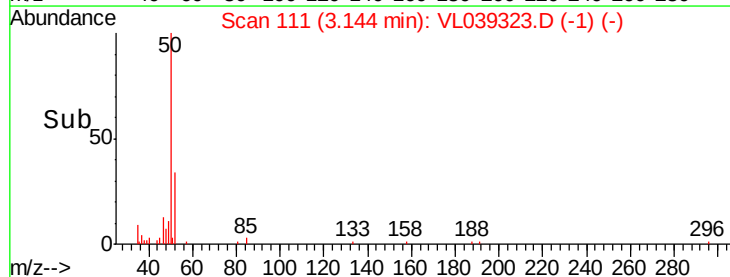
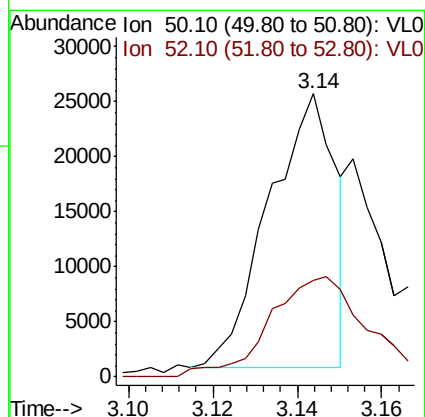
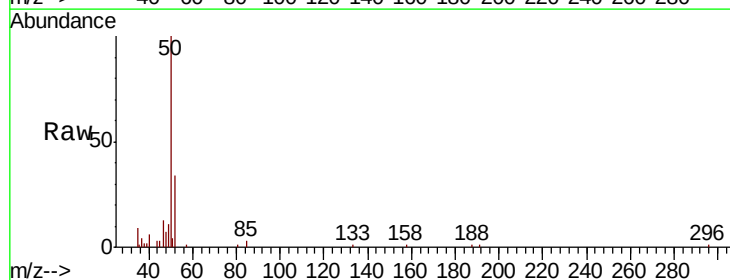
Acq: 22 Jun 2022 17:01

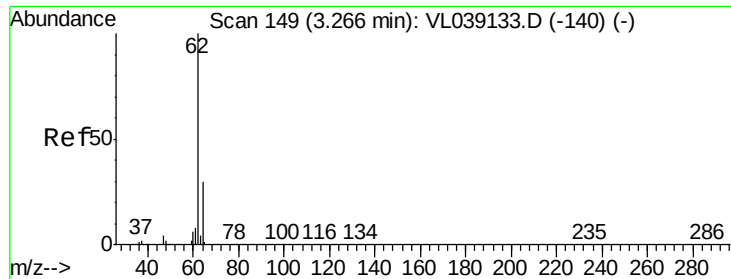
Tgt Ion: 50 Resp: 27370

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9





#5

Vinyl Chloride

Concen: 0.540 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

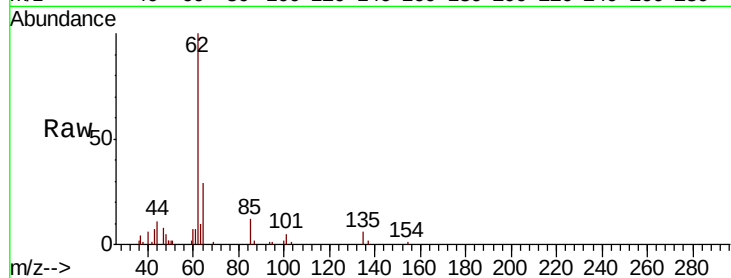
Acq: 22 Jun 2022 17:01

Tot Ion: 62 Resp: 38491

Ion Ratio Lower Upper

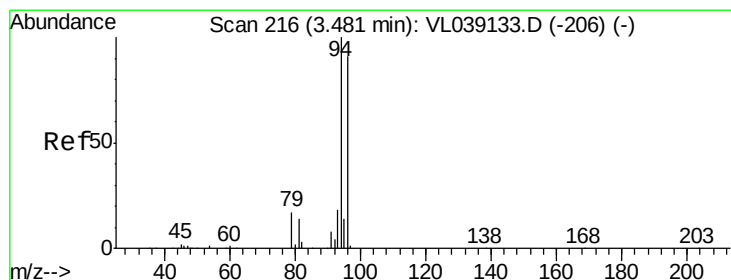
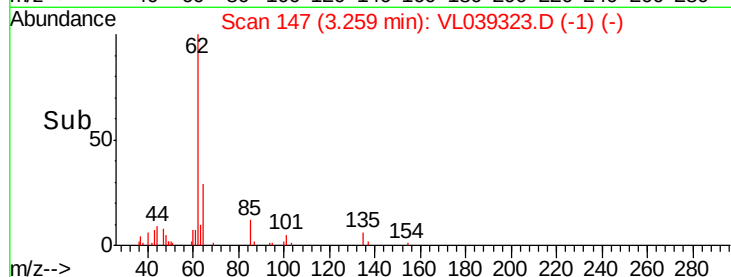
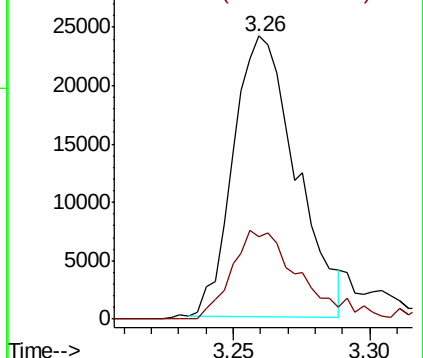
62 100

64 29.6 24.2 36.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.276 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.01 min

Lab File: VL039323.D

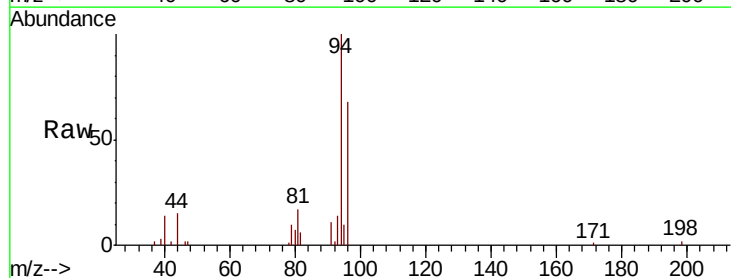
Acq: 22 Jun 2022 17:01

Tgt Ion: 94 Resp: 9680

Ion Ratio Lower Upper

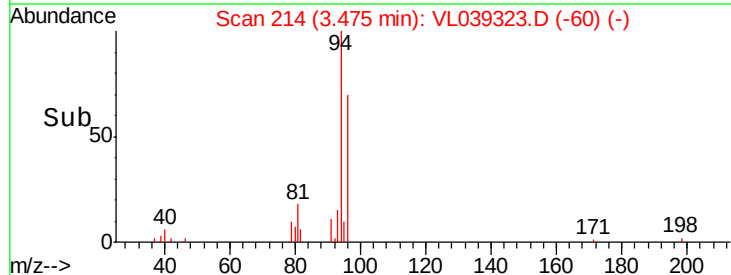
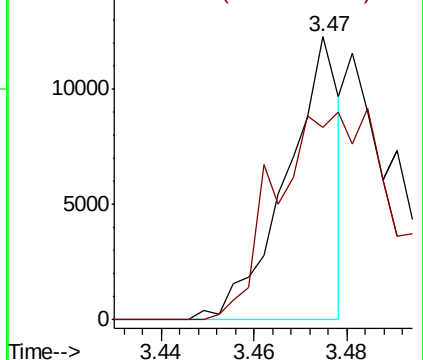
94 100

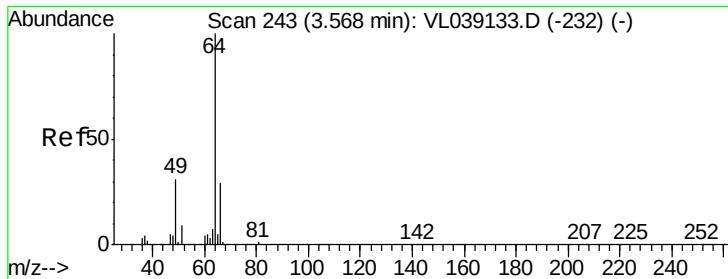
96 68.1 73.0 109.4#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.481 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

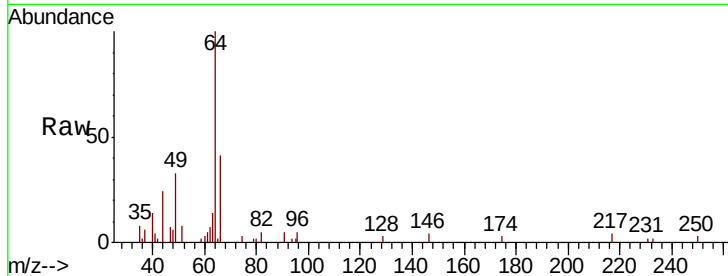
Acq: 22 Jun 2022 17:01

Tot Ion: 64 Resp: 11961

Ion Ratio Lower Upper

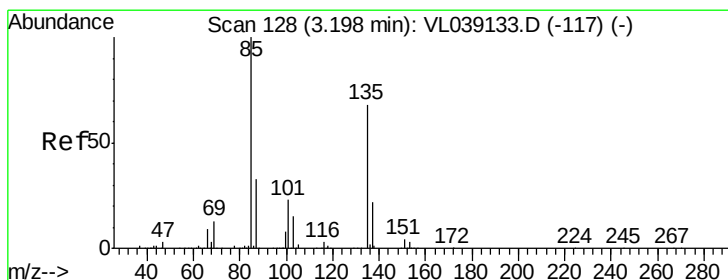
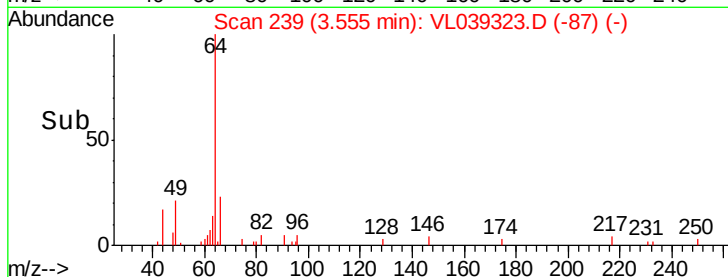
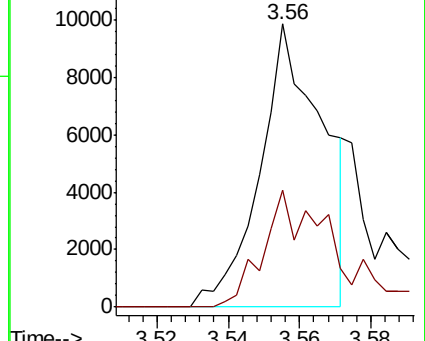
64 100

66 41.4 23.6 35.4#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.491 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.01 min

Lab File: VL039323.D

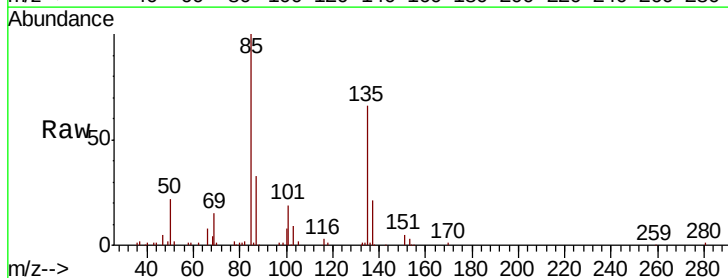
Acq: 22 Jun 2022 17:01

Tgt Ion: 85 Resp: 91962

Ion Ratio Lower Upper

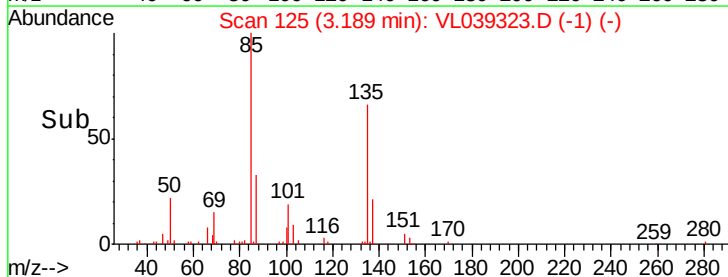
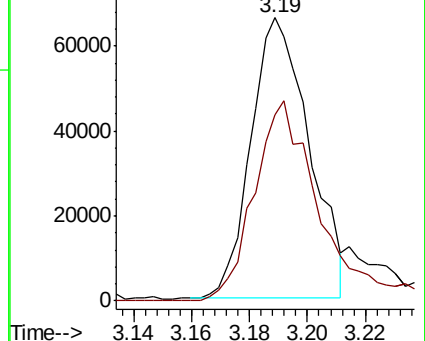
85 100

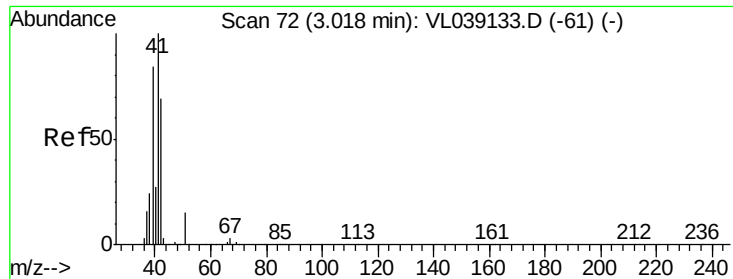
135 83.9 55.0 82.4#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.594 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

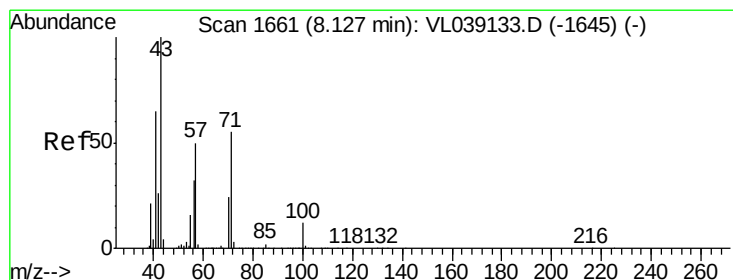
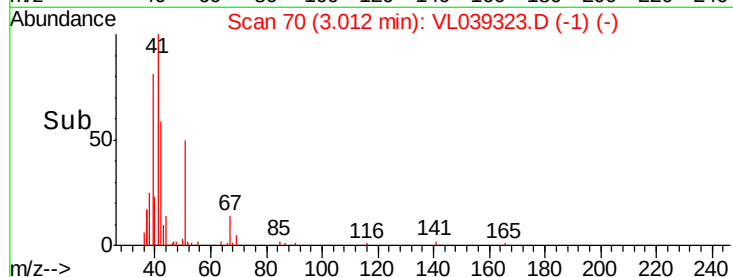
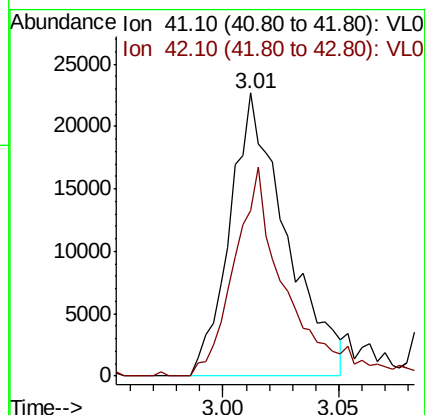
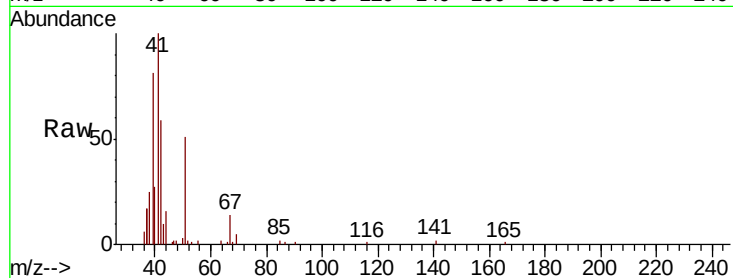
Acq: 22 Jun 2022 17:01

Tot Ion: 41 Resp: 38433

Ion Ratio Lower Upper

41 100

42 69.8 55.4 83.2



#10

Heptane

Concen: 0.520 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL039323.D

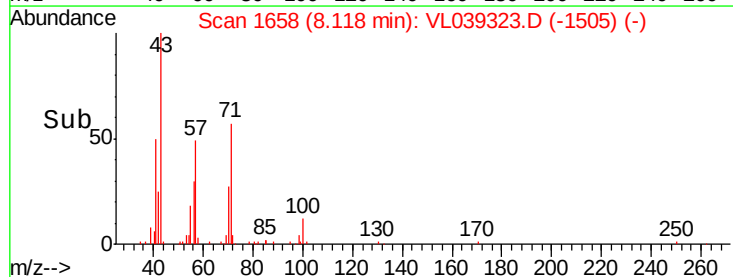
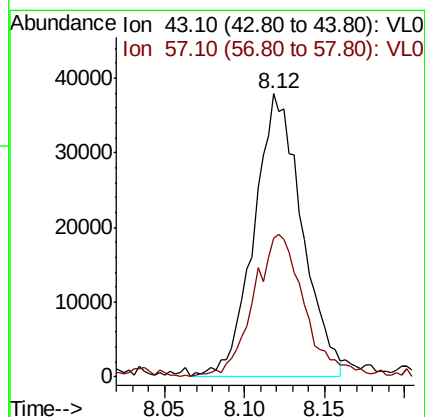
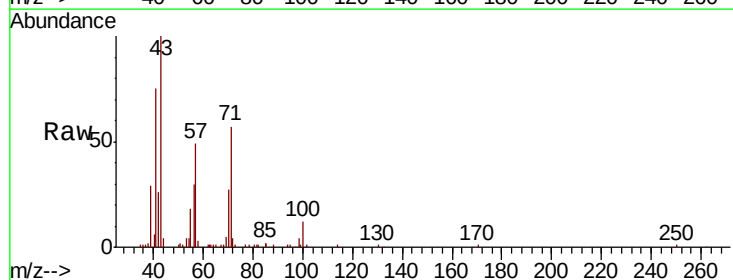
Acq: 22 Jun 2022 17:01

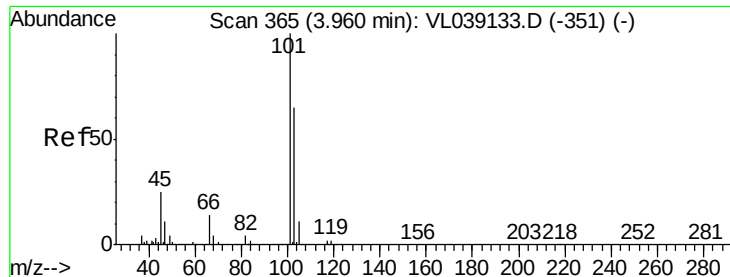
Tgt Ion: 43 Resp: 78500

Ion Ratio Lower Upper

43 100

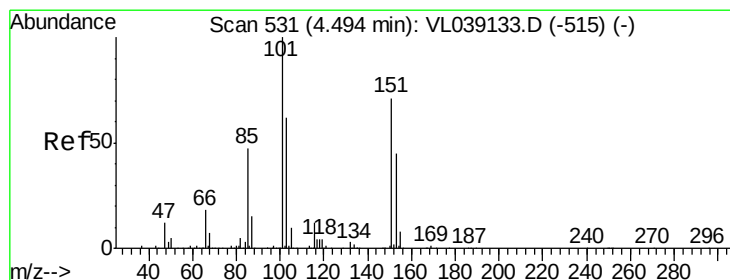
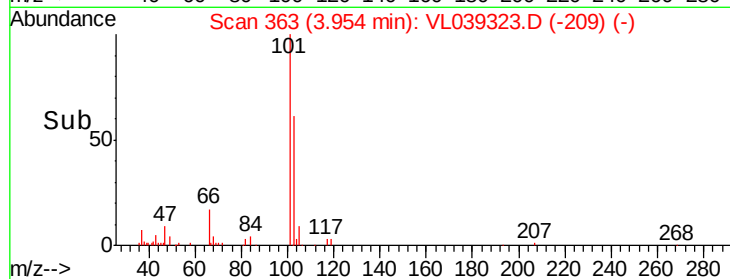
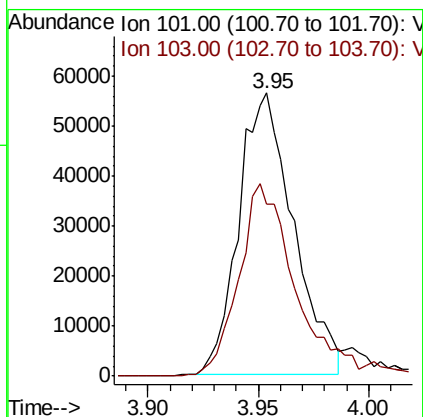
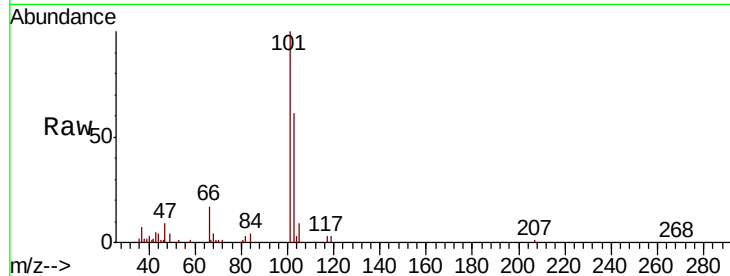
57 54.6 41.4 62.2





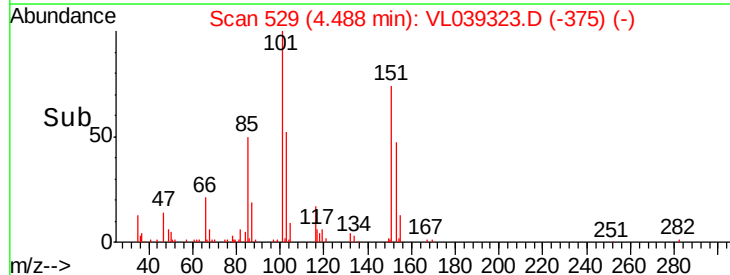
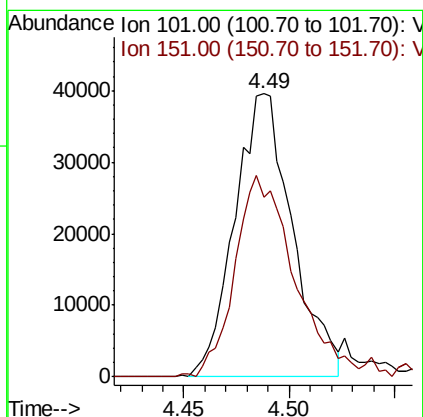
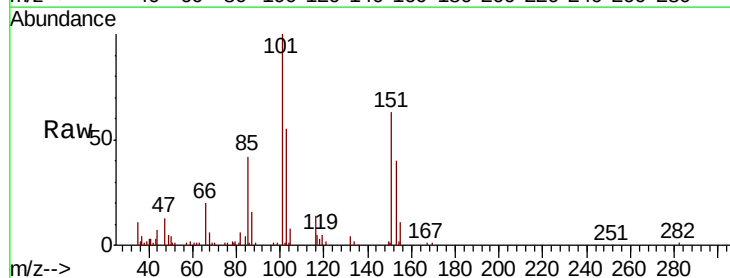
#11
 Trichlorofluoromethane
 Concen: 0.525 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 22 Jun 2022 17:01

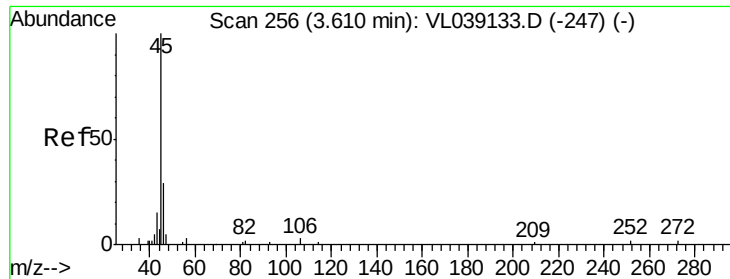
Tot Ion:101 Resp: 97498
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.614 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion:101 Resp: 75380
 Ion Ratio Lower Upper
 101 100
 151 77.1 59.4 89.0





#13

Ethanol

Concen: 0.265 ppbv

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

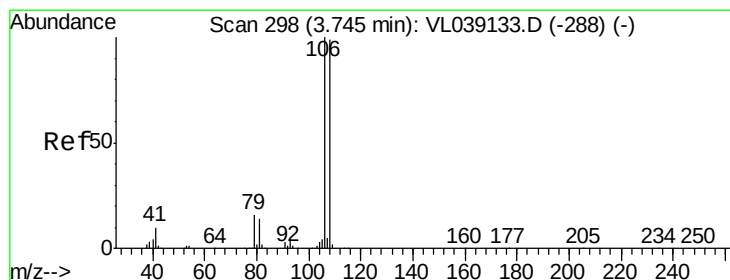
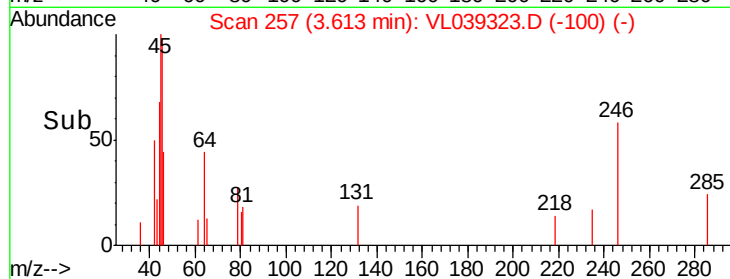
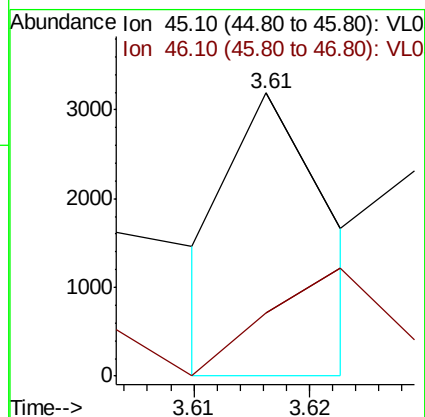
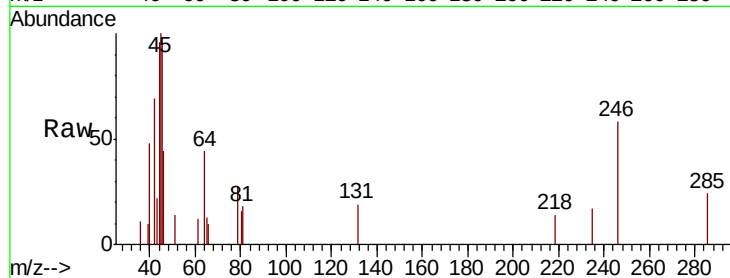
Acq: 22 Jun 2022 17:01

Tot Ion: 45 Resp: 937

Ion Ratio Lower Upper

45 100

46 0.0 0.0 0.0



#14

Bromoethene

Concen: 0.488 ppbv

RT: 3.74 min Scan# 297

Delta R.T. -0.00 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

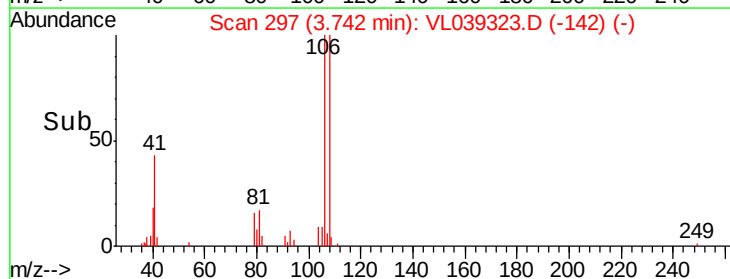
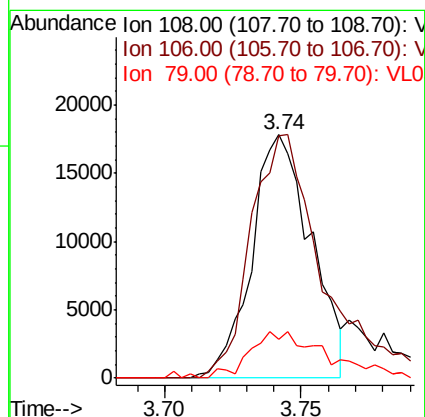
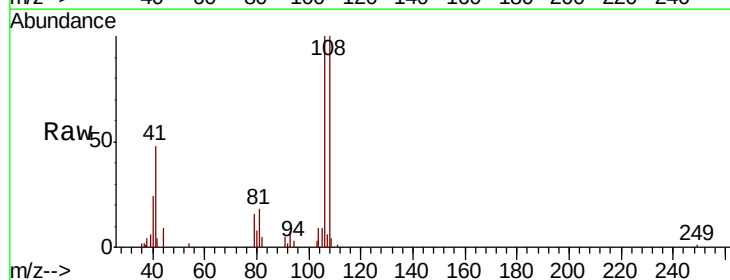
Tgt Ion: 108 Resp: 26895

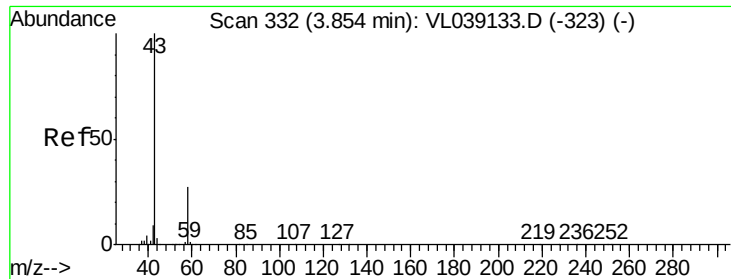
Ion Ratio Lower Upper

108 100

106 128.8 88.4 132.6

79 25.2 13.4 20.2#





#15

Acetone

Concen: 0.620 ppbv

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

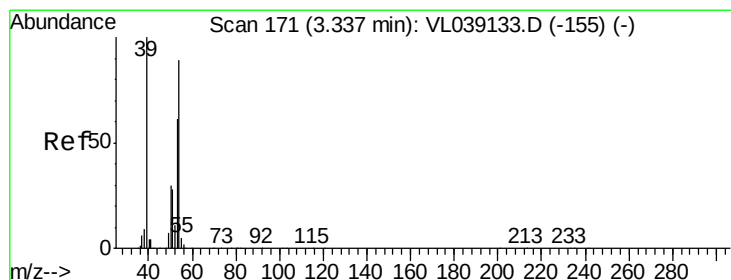
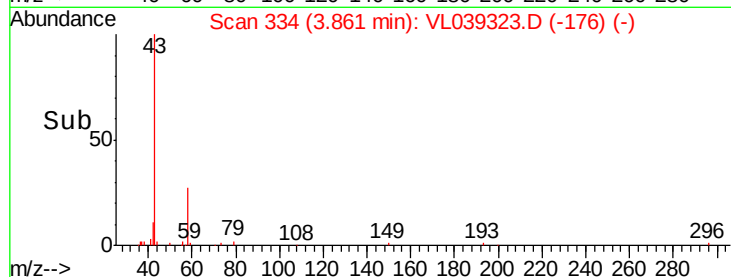
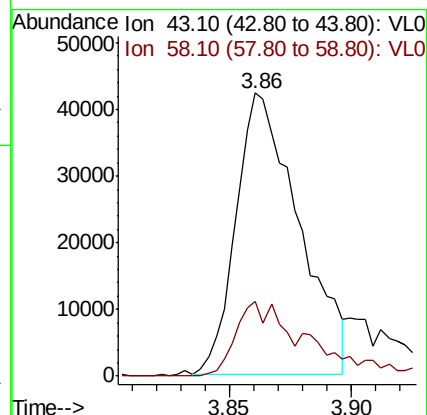
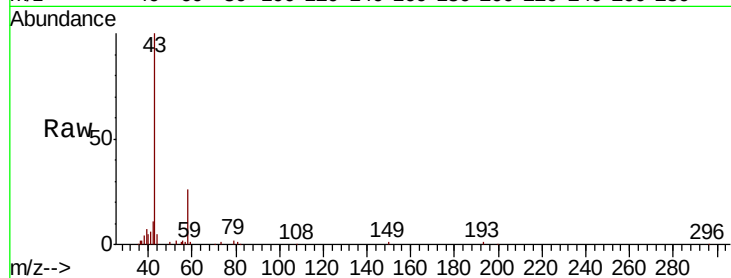
Acq: 22 Jun 2022 17:01

Tot Ion: 43 Resp: 75432

Ion Ratio Lower Upper

43 100

58 31.9 22.5 33.7



#16

1,3-Butadiene

Concen: 0.608 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.01 min

Lab File: VL039323.D

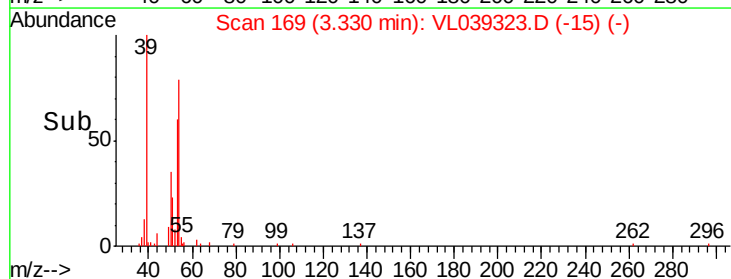
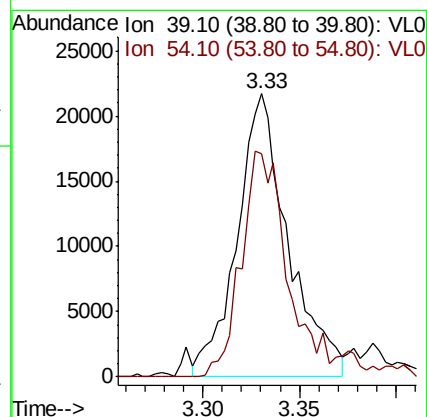
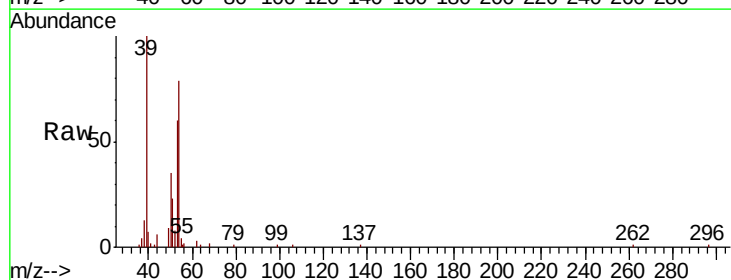
Acq: 22 Jun 2022 17:01

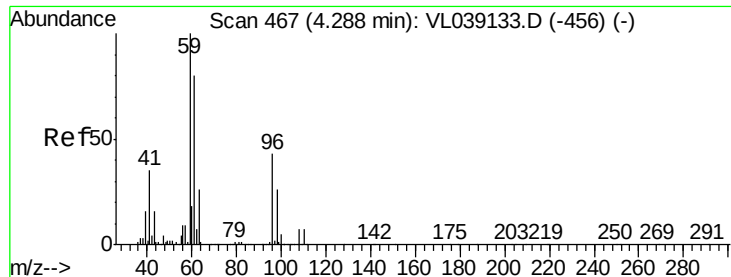
Tgt Ion: 39 Resp: 39766

Ion Ratio Lower Upper

39 100

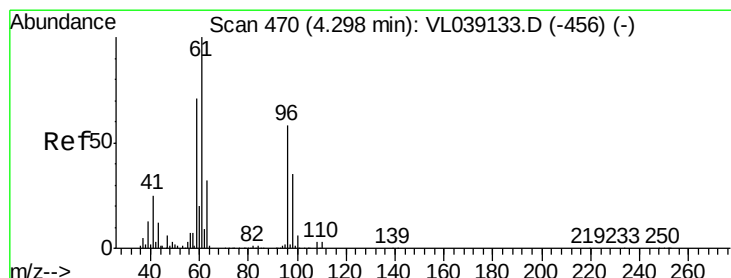
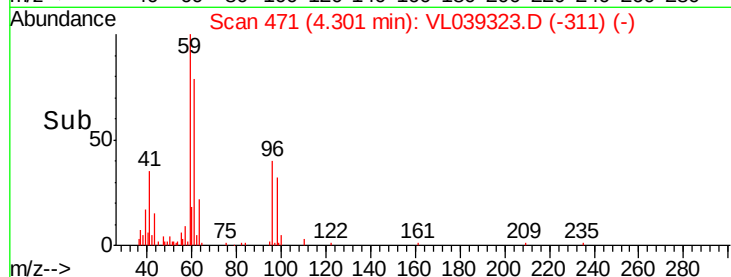
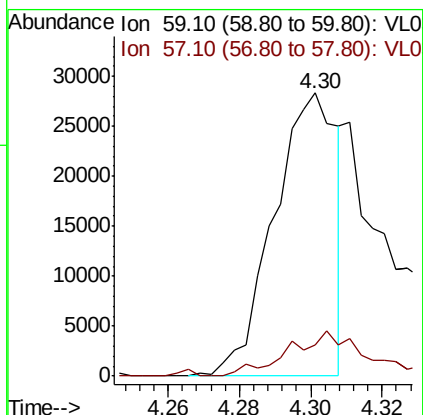
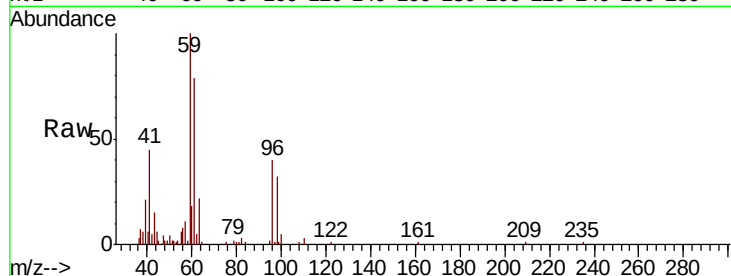
54 77.6 65.8 98.6





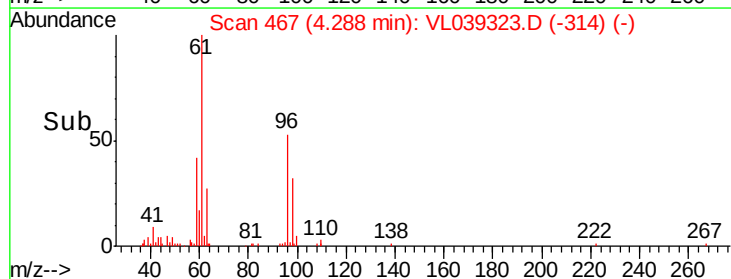
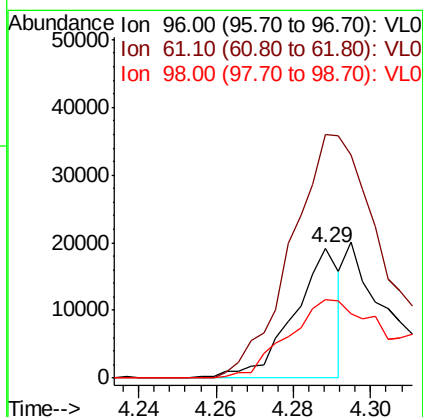
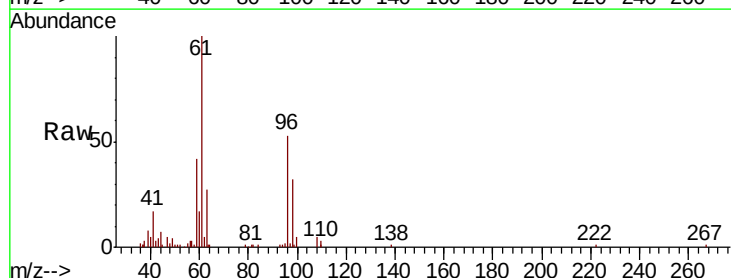
#17
 tert-Butyl alcohol
 Concen: 0.368 ppbv
 RT: 4.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 22 Jun 2022 17:01

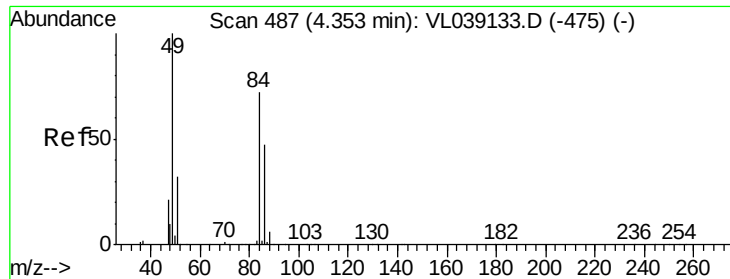
Tot Ion: 59 Resp: 34663
 Ion Ratio Lower Upper
 59 100
 57 24.8 9.1 13.7#



#18
 1,1-Dichloroethene
 Concen: 0.286 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T.: -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

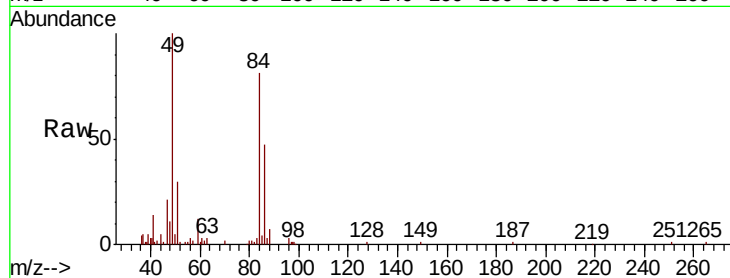
Tgt Ion: 96 Resp: 15724
 Ion Ratio Lower Upper
 96 100
 61 186.1 138.4 207.6
 98 60.0 47.8 71.8



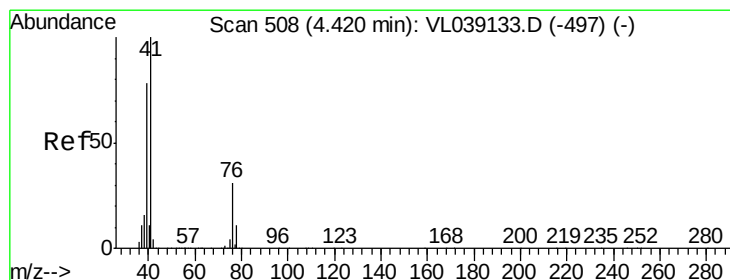
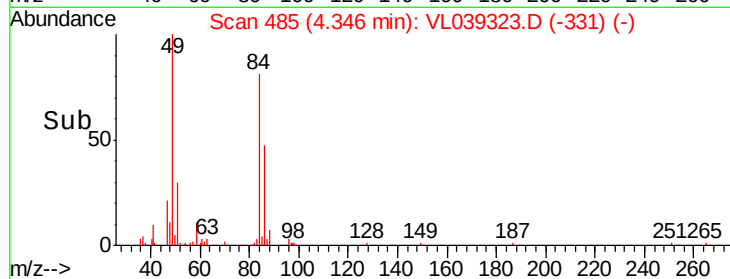
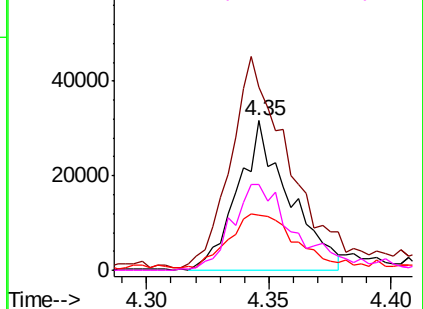


#20
Methylene Chloride
Concen: 0.904 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Jun 2022 17:01

Tot Ion: 84 Resp: 46314
Ion Ratio Lower Upper
84 100
49 119.0 111.1 166.7
51 34.9 35.3 52.9#
86 56.0 51.9 77.9

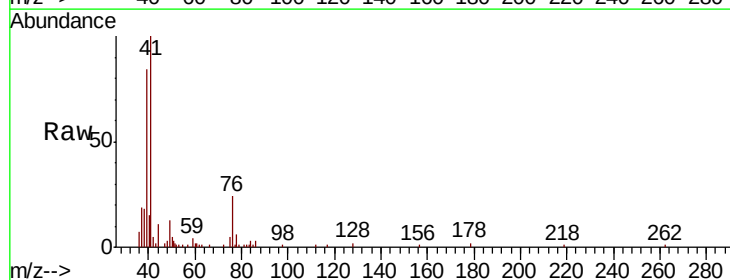


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

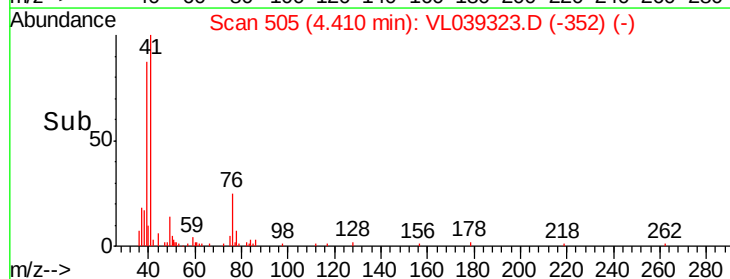
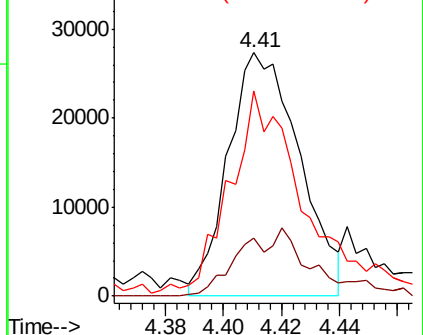


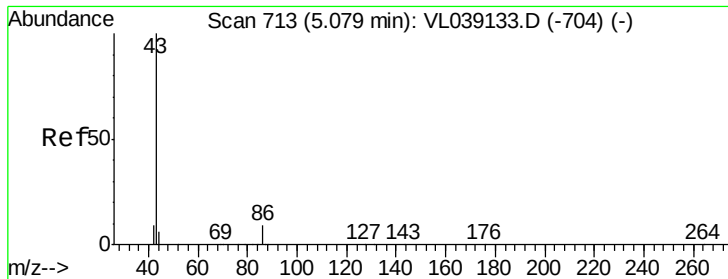
#21
Allyl Chloride
Concen: 0.565 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.01 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion: 41 Resp: 46319
Ion Ratio Lower Upper
41 100
76 28.9 24.2 36.2
39 91.6 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





#23

Vinyl Acetate

Concen: 0.395 ppbv

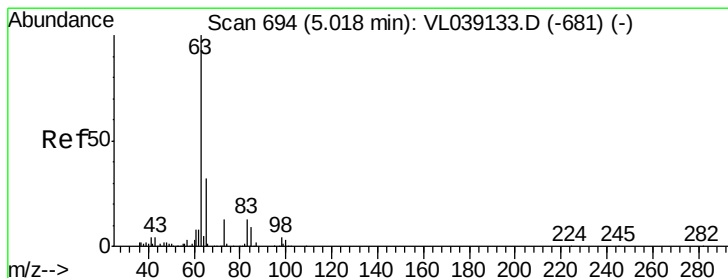
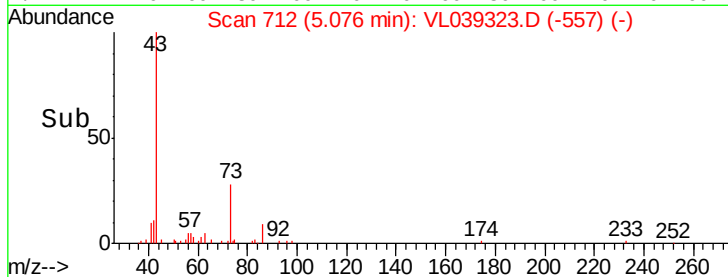
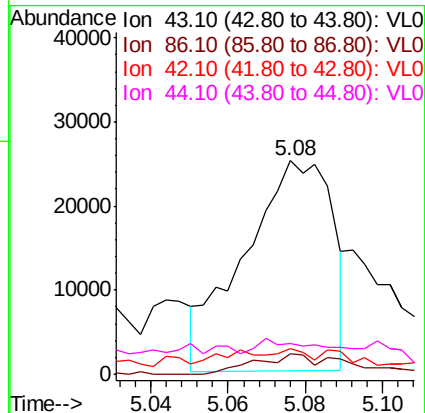
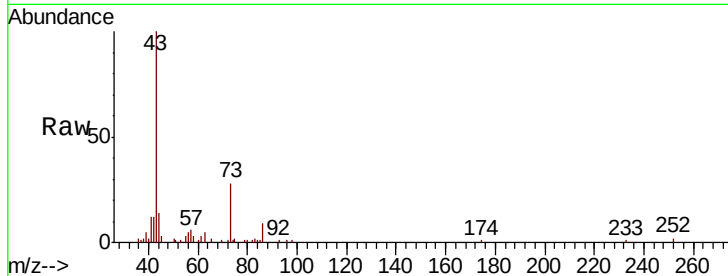
RT: 5.08 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 22 Jun 2022 17:01

Tot Ion:	43	Resp:	39703
Ion	Ratio	Lower	Upper
43	100		
86	13.8	6.0	9.0#
42	10.6	8.2	12.4
44	2.3	4.3	6.5#



#24

1,1-Dichloroethane

Concen: 0.503 ppbv

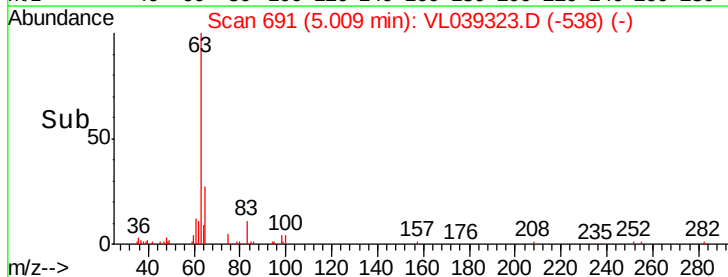
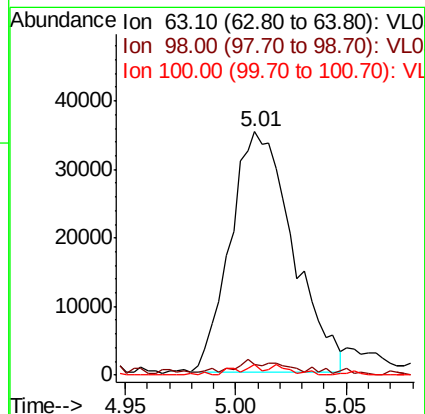
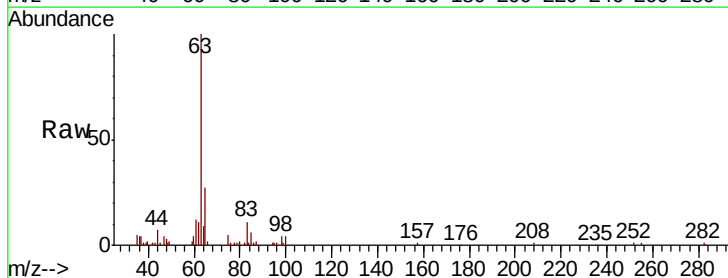
RT: 5.01 min Scan# 691

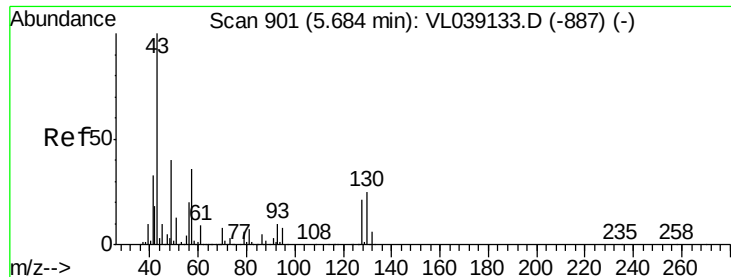
Delta R.T. -0.01 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

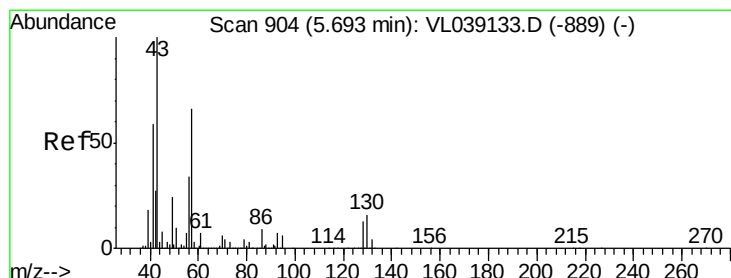
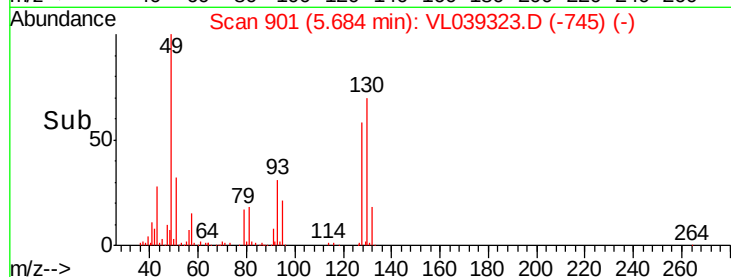
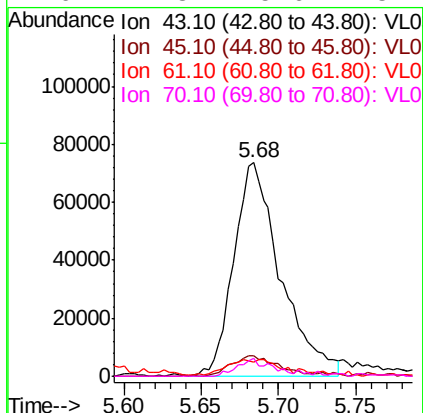
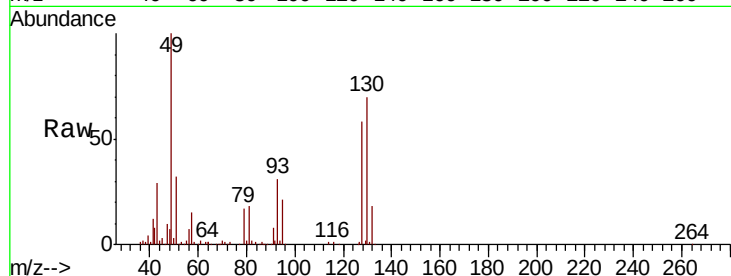
Tgt Ion:	63	Resp:	69259
Ion	Ratio	Lower	Upper
63	100		
98	3.2	2.1	6.2
100	3.9	1.5	4.5





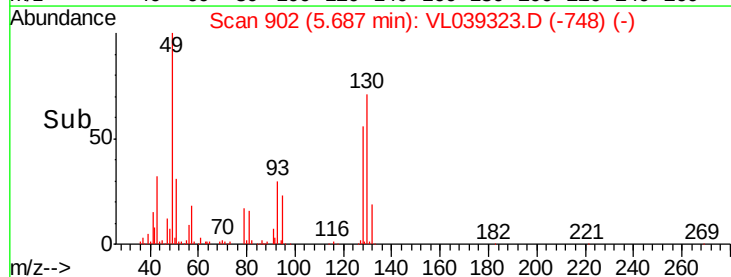
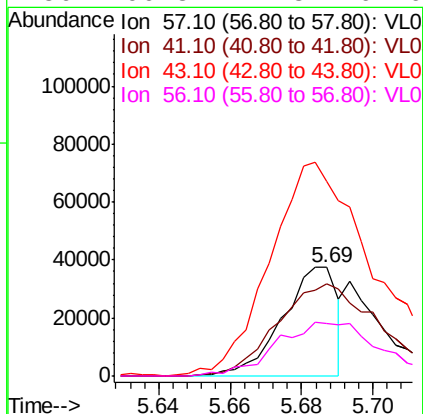
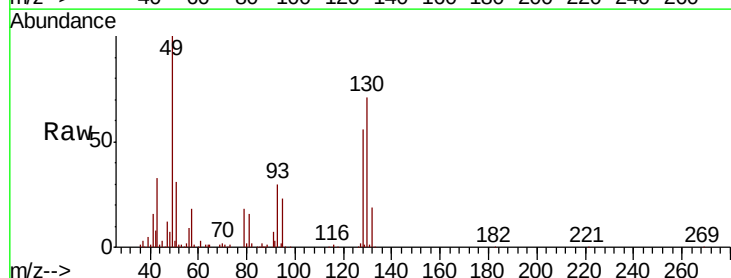
#25
Ethyl Acetate
Concen: 0.561 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Jun 2022 17:01

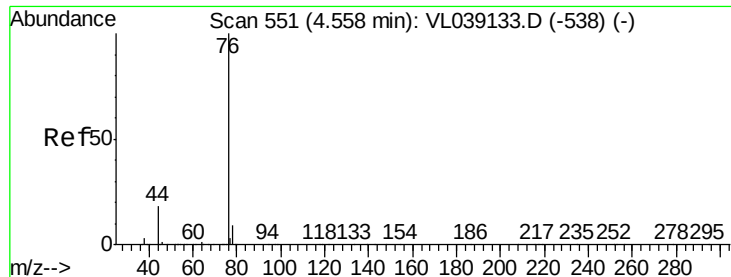
Tot Ion:	43	Resp:	153837
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	11.5	8.4	12.6
70	7.8	5.6	8.4



#26
Hexane
Concen: 0.332 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

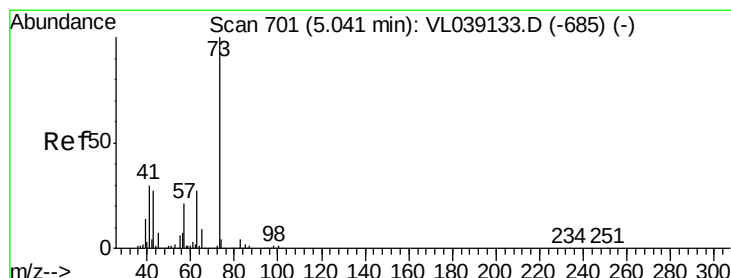
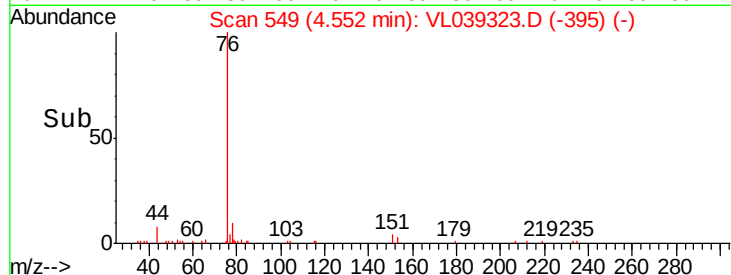
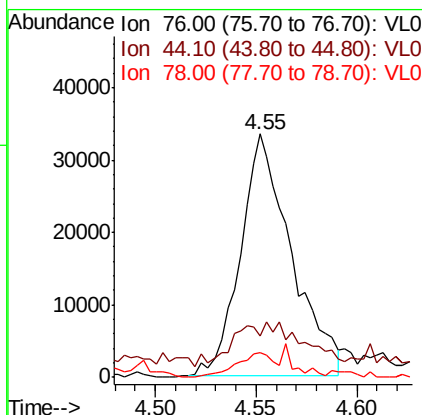
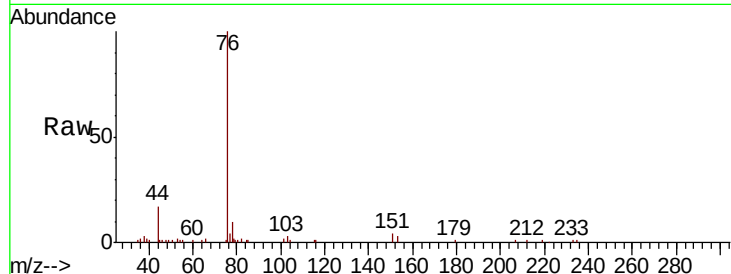
Tgt Ion:	57	Resp:	39921
Ion	Ratio	Lower	Upper
57	100		
41	175.2	72.4	108.6#
43	422.1	187.0	280.6#
56	100.3	41.8	62.6#





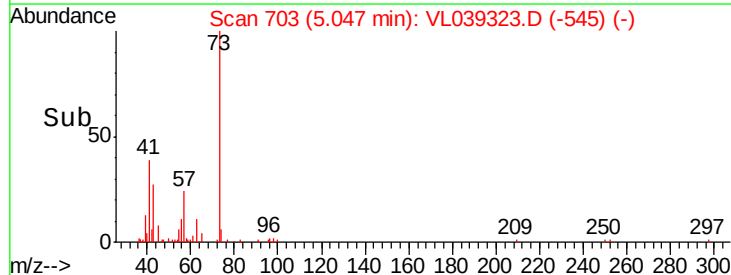
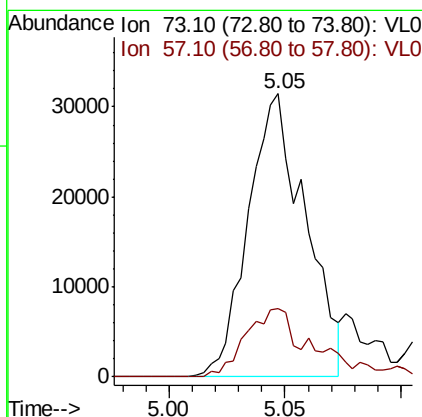
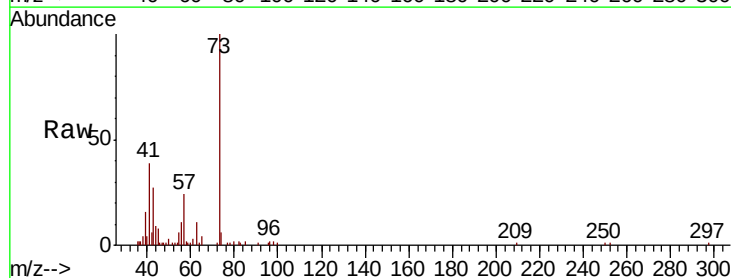
#27
Carbon Disulfide
Concen: 0.472 ppbv
RT: 4.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Jun 2022 17:01

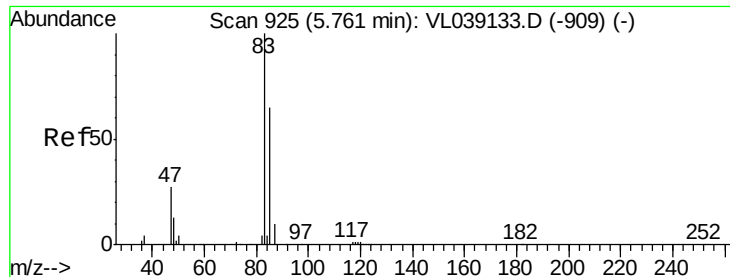
Tot Ion	Ratio	Lower	Upper
76	100		
44	28.1	14.4	21.6#
78	12.1	7.7	11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.403 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	30.2	18.6	27.8#





#29

Chloroform

Concen: 0.480 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

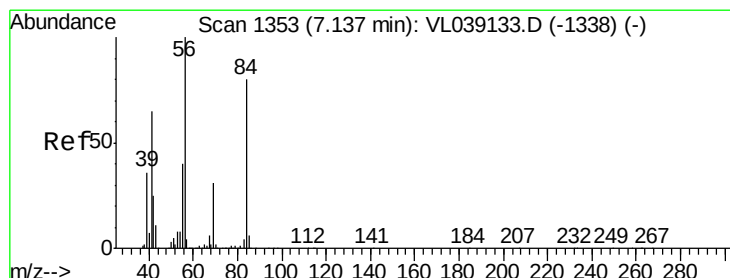
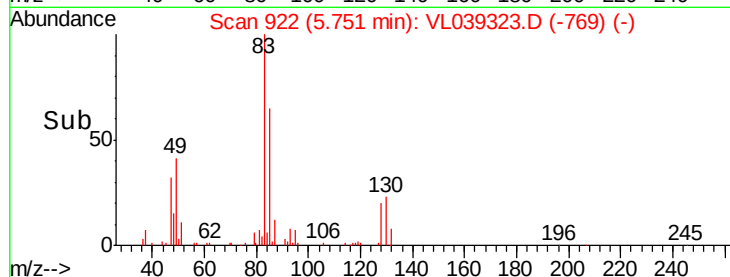
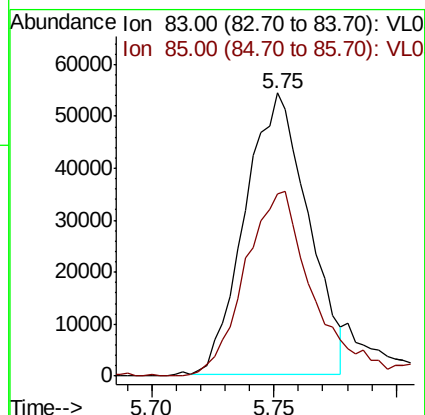
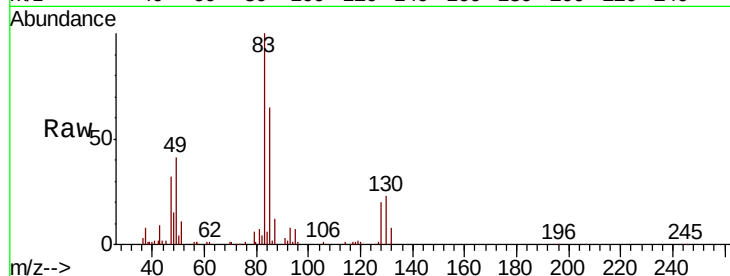
Acq: 22 Jun 2022 17:01

Tot Ion: 83 Resp: 97278

Ion Ratio Lower Upper

83 100

85 64.4 52.4 78.6



#30

Cyclohexane

Concen: 0.301 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

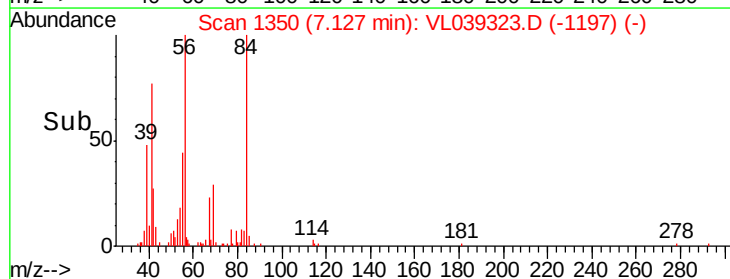
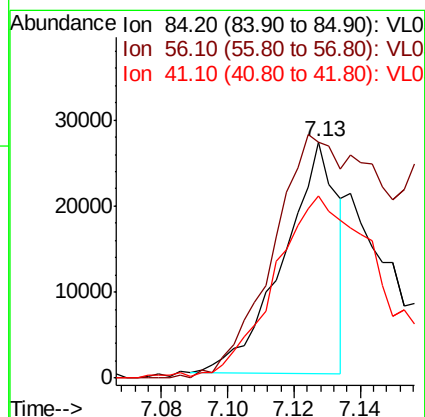
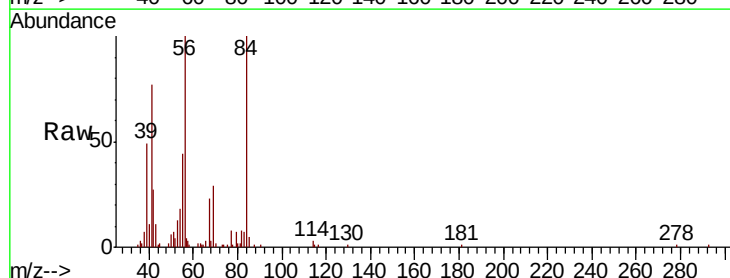
Tgt Ion: 84 Resp: 30488

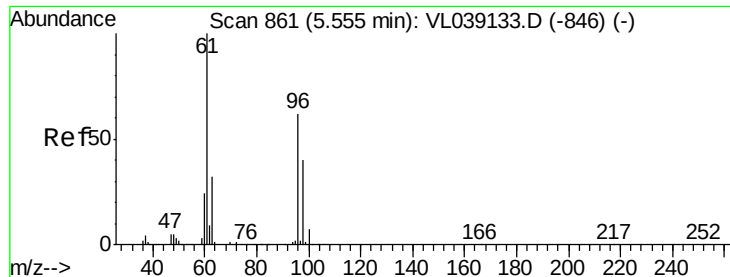
Ion Ratio Lower Upper

84 100

56 204.4 110.6 165.8#

41 165.8 68.9 103.3#





#31

cis-1,2-Dichloroethene

Concen: 0.486 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOQ-AIR-02-OT2-2022

Acq: 22 Jun 2022 17:01

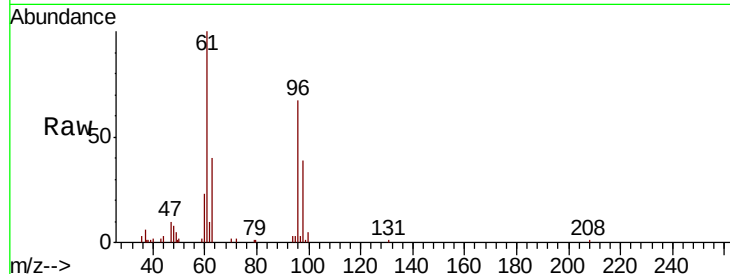
Tot Ion: 61 Resp: 59708

Ion Ratio Lower Upper

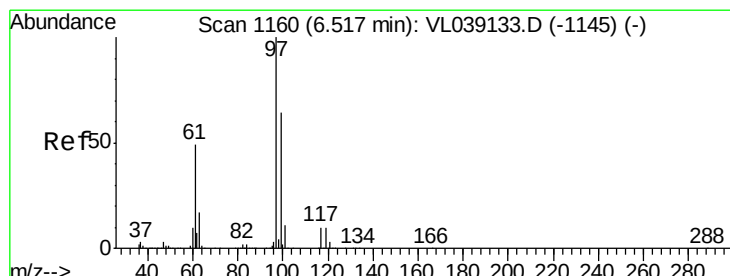
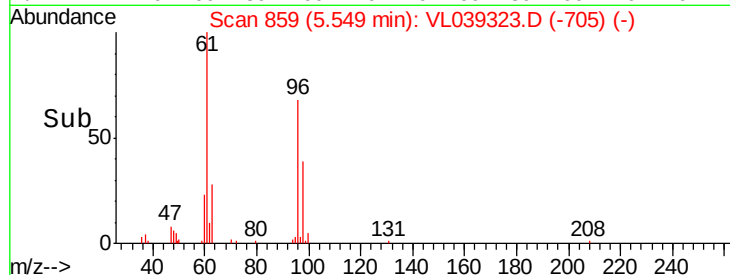
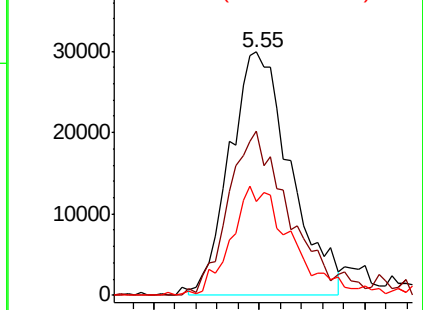
61 100

96 59.6 49.9 74.9

98 34.2 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: 0.315 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

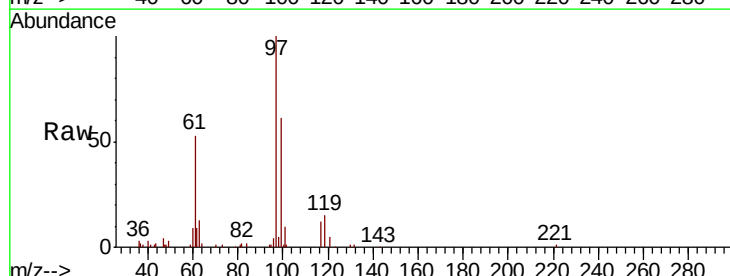
Tgt Ion: 97 Resp: 62549

Ion Ratio Lower Upper

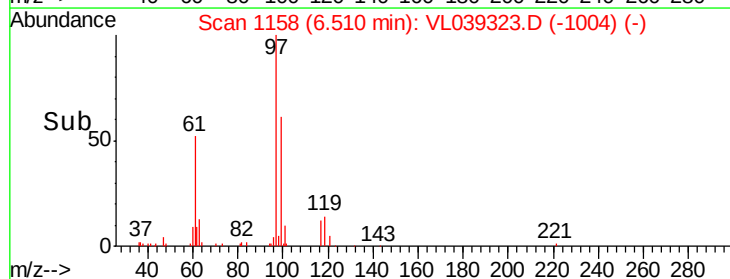
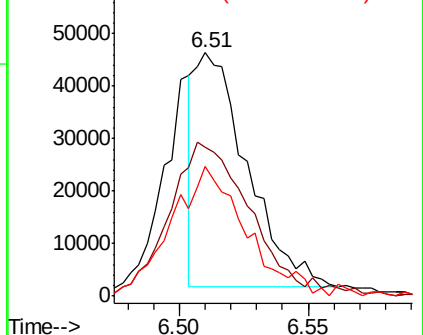
97 100

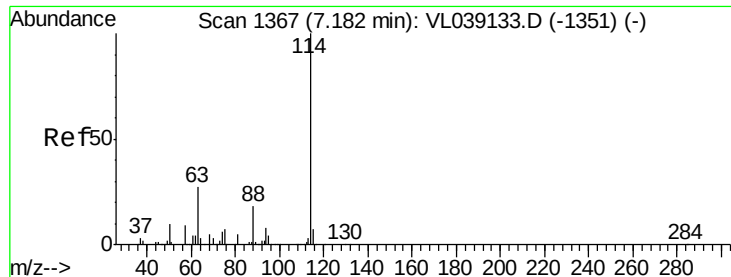
99 104.6 52.1 78.1#

61 81.2 40.0 60.0#



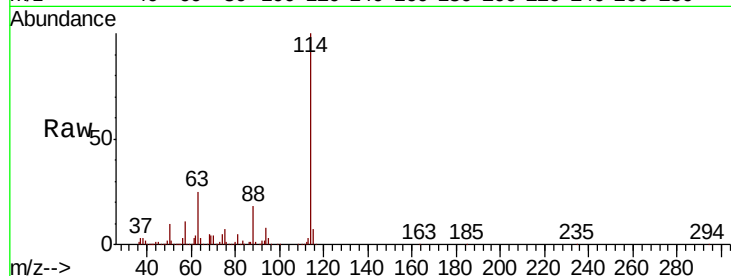
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



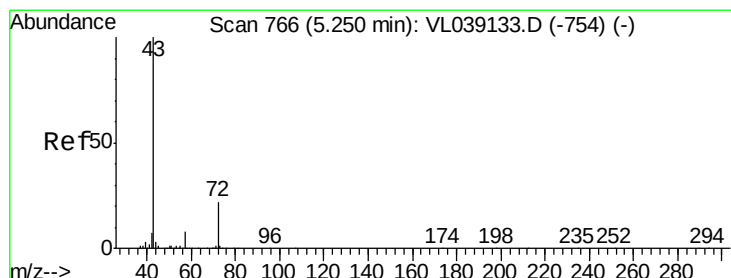
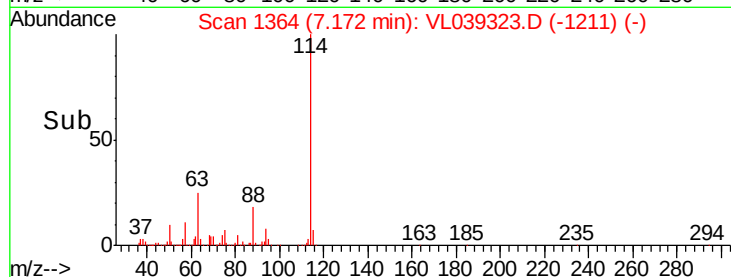
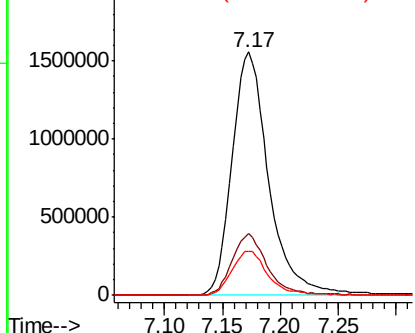


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 17:01

Tot Ion:114 Resp: 3385464
 Ion Ratio Lower Upper
 114 100
 63 25.0 21.7 32.5
 88 18.5 14.8 22.2

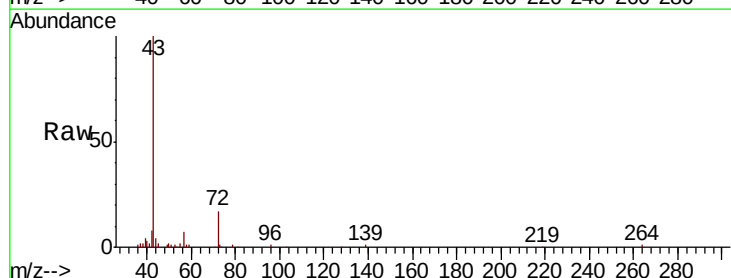


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

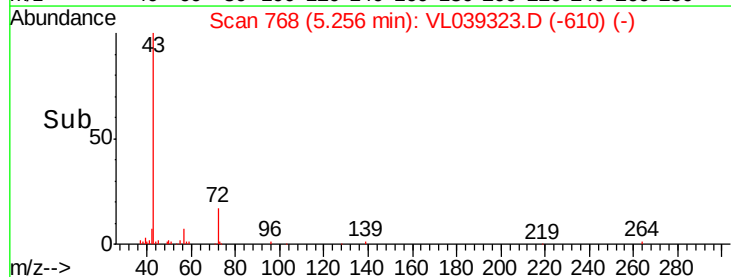
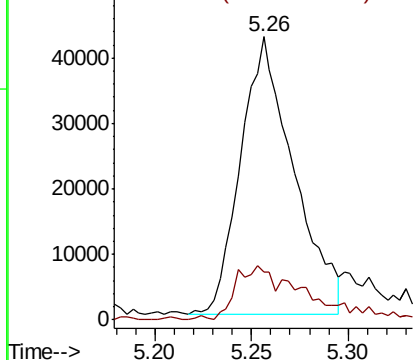


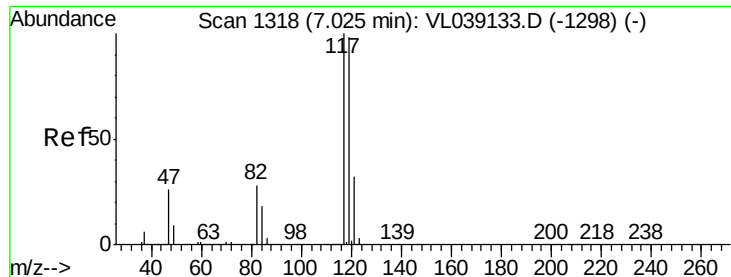
#34
 2-Butanone
 Concen: 0.442 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion: 43 Resp: 81282
 Ion Ratio Lower Upper
 43 100
 72 27.5 18.2 27.2#



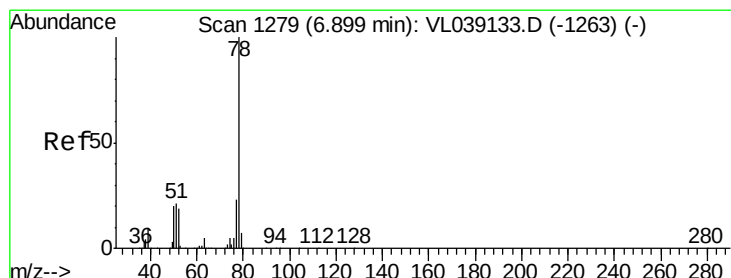
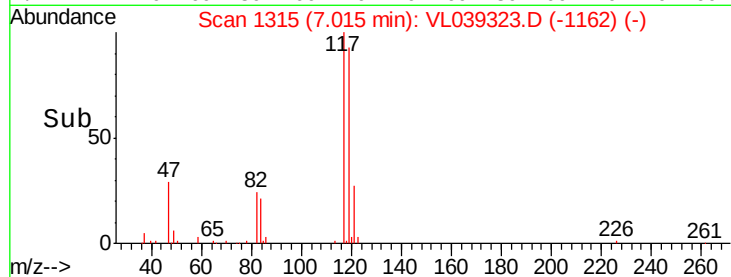
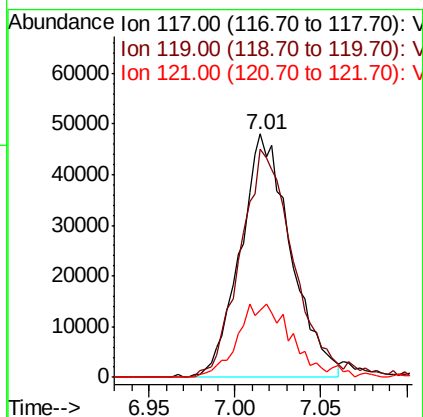
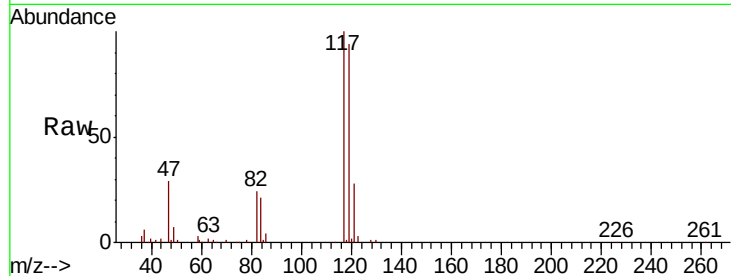
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





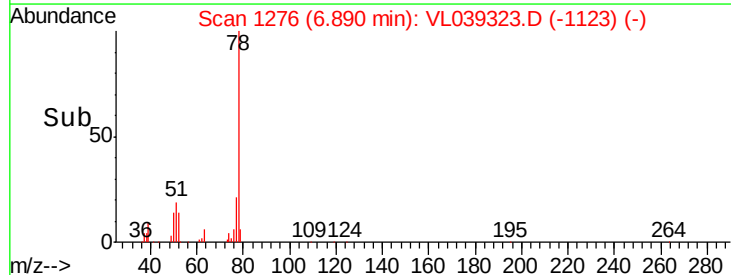
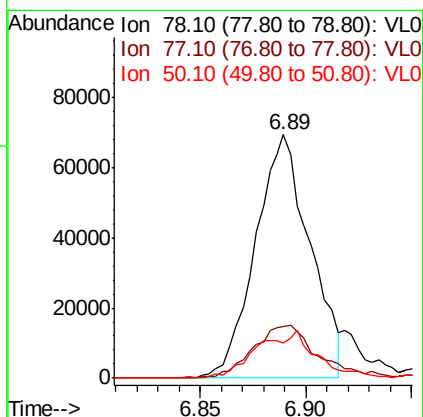
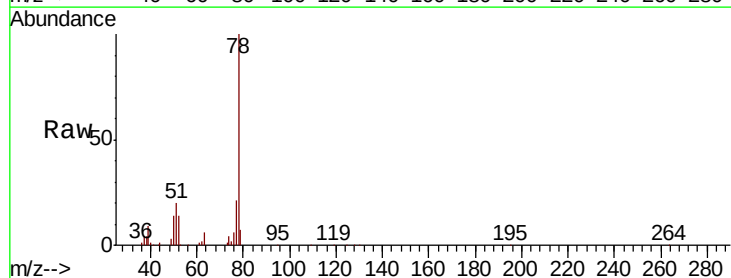
#35
Carbon Tetrachloride
Concen: 0.396 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 22 Jun 2022 17:01

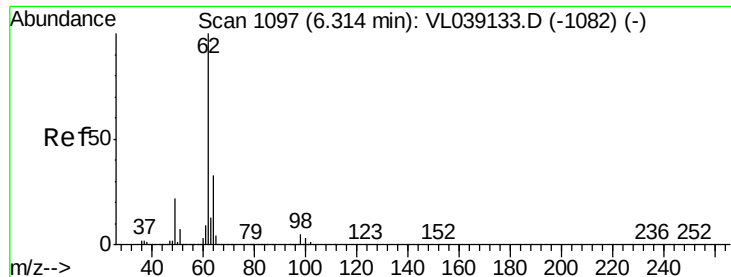
Tot Ion: 117 Resp: 97927
Ion Ratio Lower Upper
117 100
119 93.5 78.6 118.0
121 27.6 25.4 38.0



#36
Benzene
Concen: 0.453 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

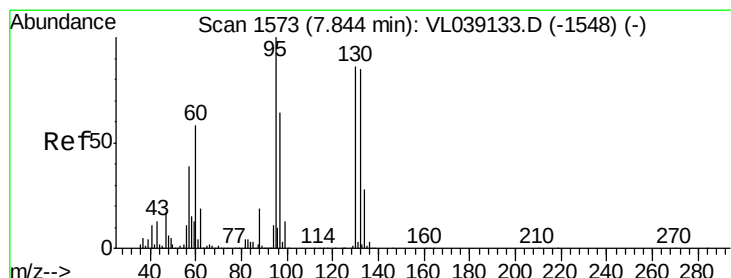
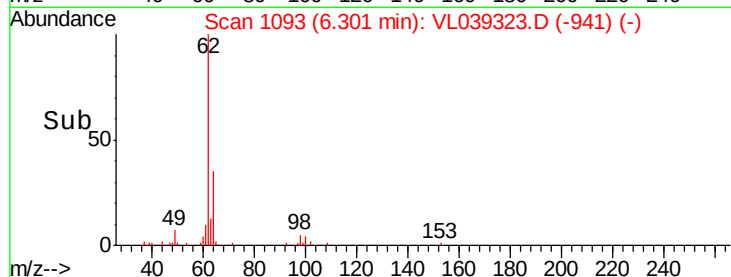
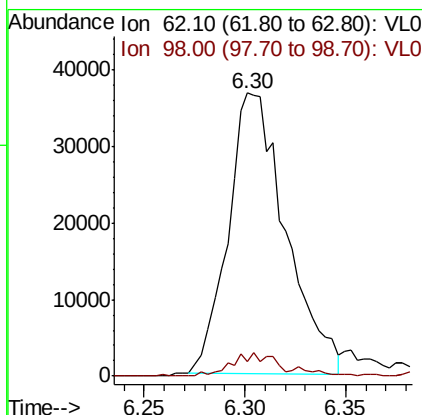
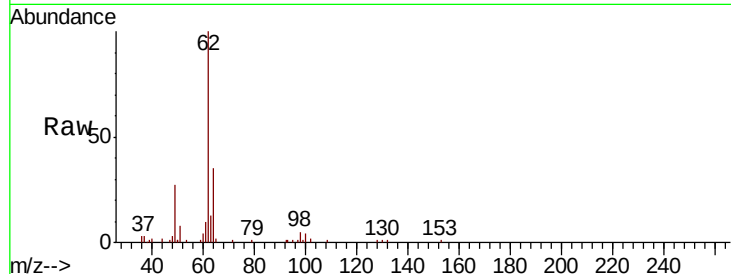
Tgt Ion: 78 Resp: 124570
Ion Ratio Lower Upper
78 100
77 21.2 18.6 27.8
50 13.3 15.8 23.8#





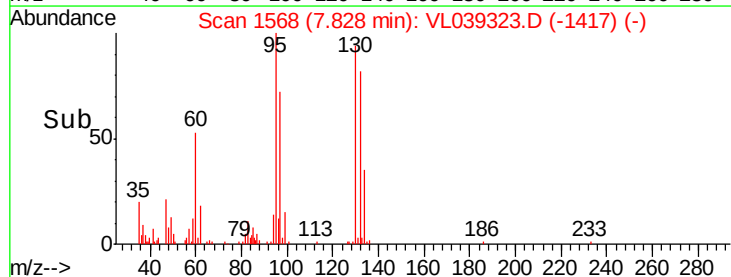
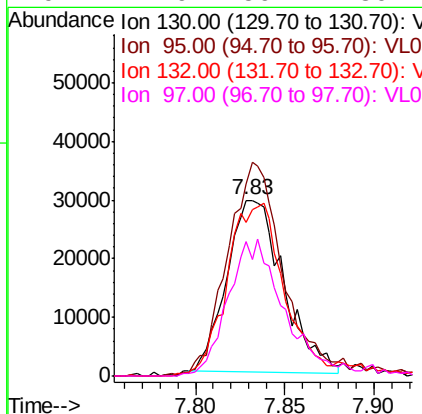
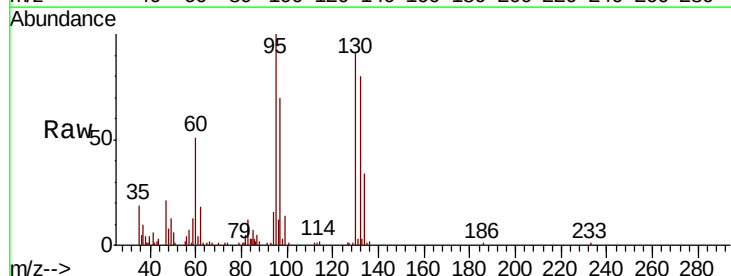
#37
 1,2-Dichloroethane
 Concen: 0.405 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 17:01

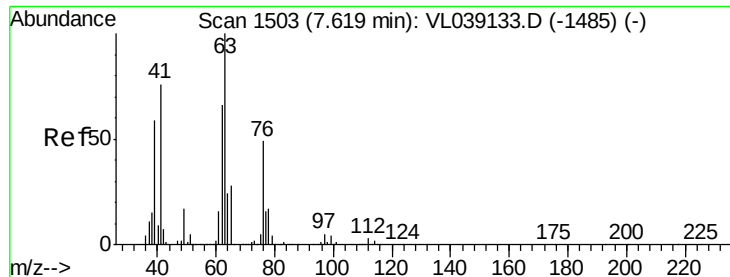
Tot Ion: 62 Resp: 73254
 Ion Ratio Lower Upper
 62 100
 98 7.3 4.3 6.5#



#38
 Trichloroethene
 Concen: 0.513 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion: 130 Resp: 64770
 Ion Ratio Lower Upper
 130 100
 95 111.3 93.3 139.9
 132 88.1 79.0 118.4
 97 77.9 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.455 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 17:01

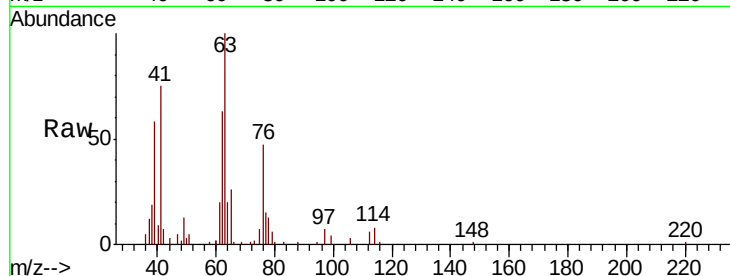
Tot Ion: 63 Resp: 49714

Ion Ratio Lower Upper

63 100

41 74.7 60.8 91.2

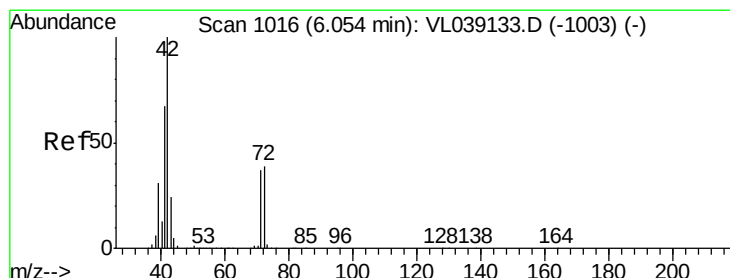
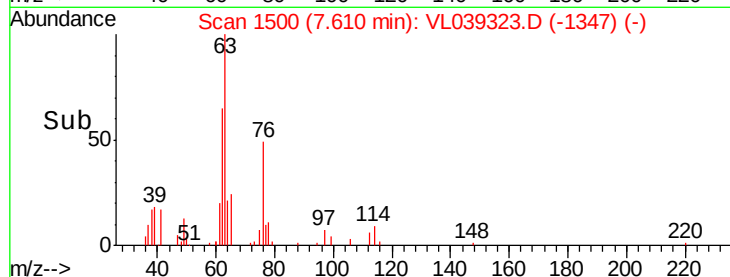
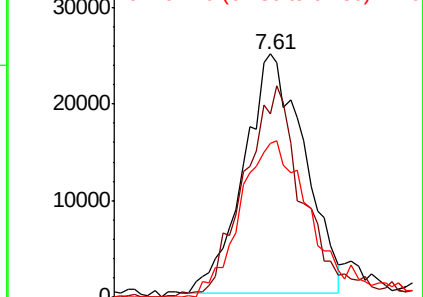
62 61.9 52.9 79.3



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.359 ppbv

RT: 6.08 min Scan# 1023

Delta R.T. 0.02 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

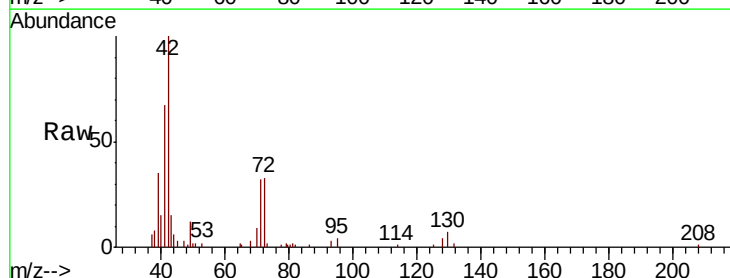
Tgt Ion: 42 Resp: 39745

Ion Ratio Lower Upper

42 100

72 49.9 32.0 48.0#

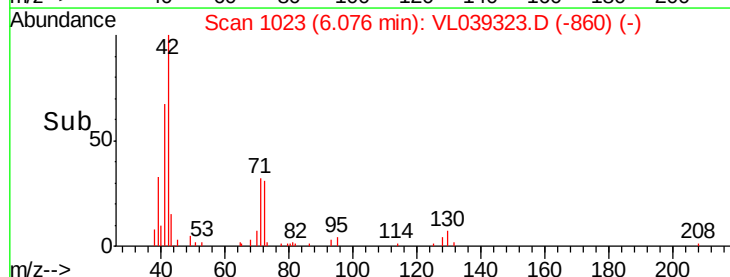
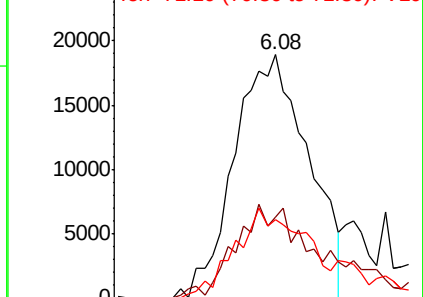
71 46.0 31.1 46.7

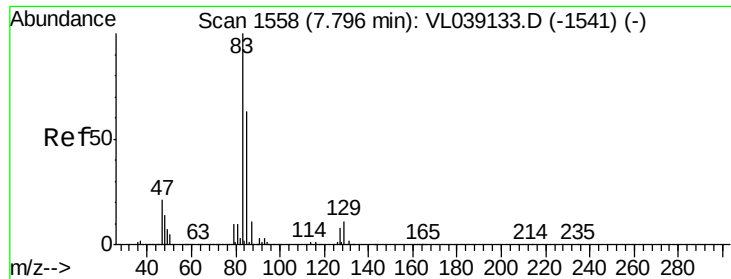


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.383 ppbv

RT: 7.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 17:01

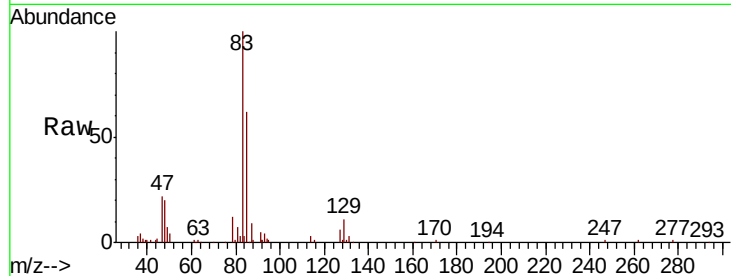
Tot Ion: 83 Resp: 96058

Ion Ratio Lower Upper

83 100

85 61.1 50.2 75.4

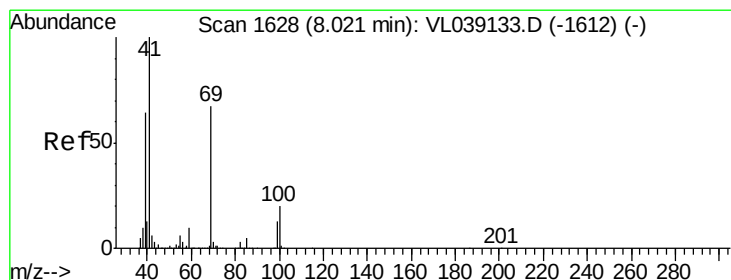
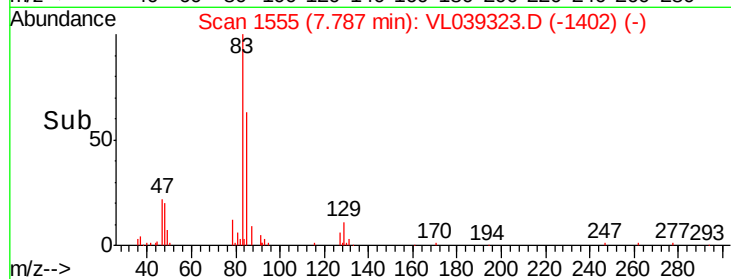
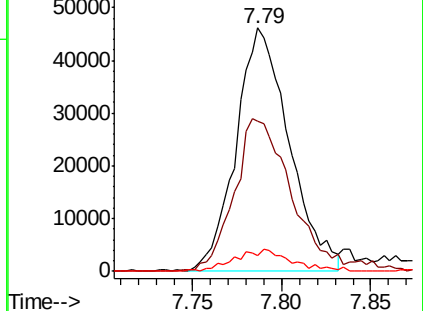
127 5.6 6.6 9.8#



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): VL0



#43

Methyl Methacrylate

Concen: 0.341 ppbv

RT: 8.02 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

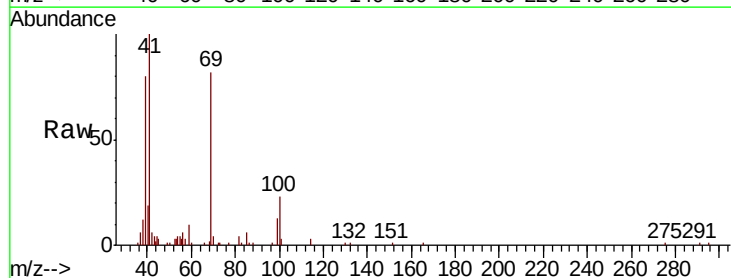
Tgt Ion: 69 Resp: 36455

Ion Ratio Lower Upper

69 100

41 195.4 121.9 182.9#

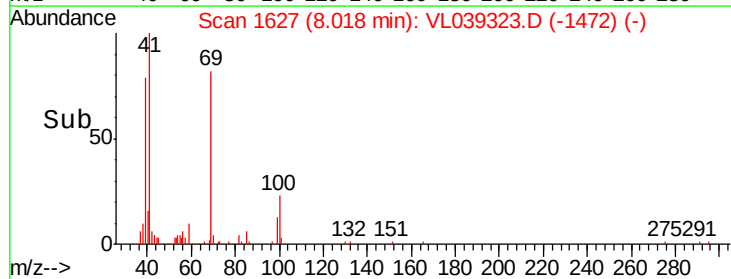
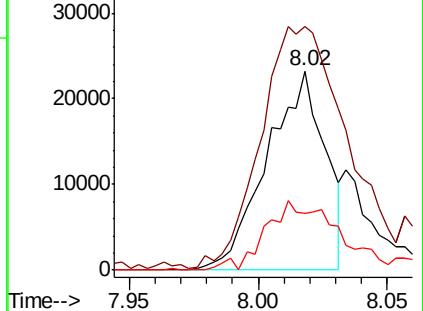
100 46.2 24.1 36.1#

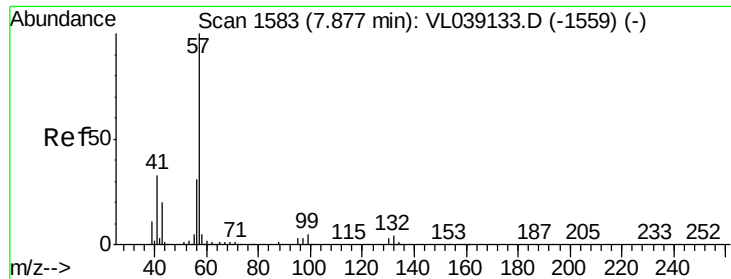


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

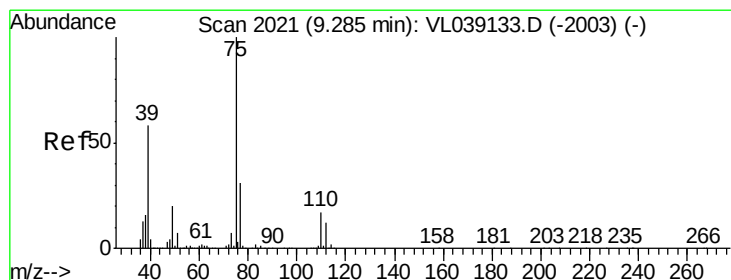
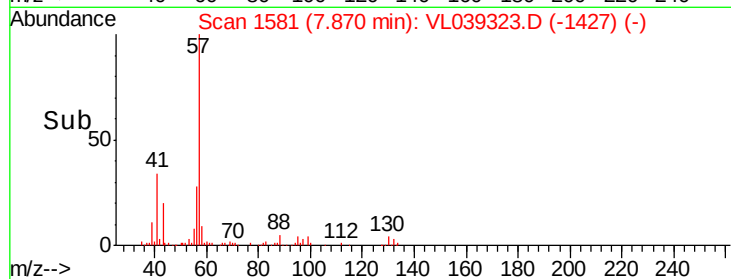
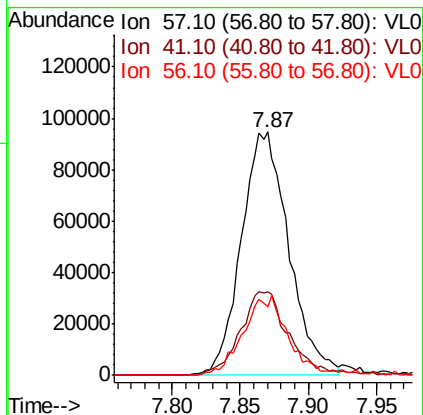
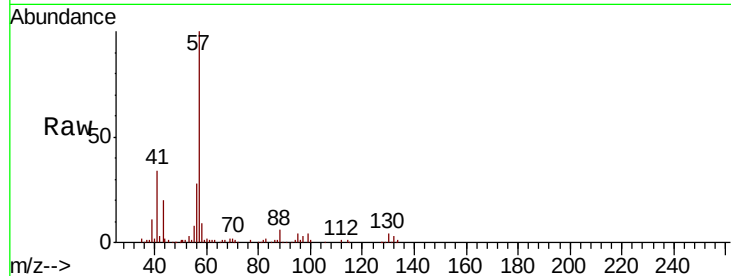
Ion 100.10 (99.80 to 100.80): VL0





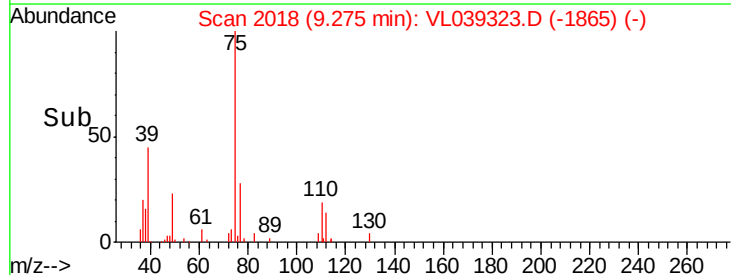
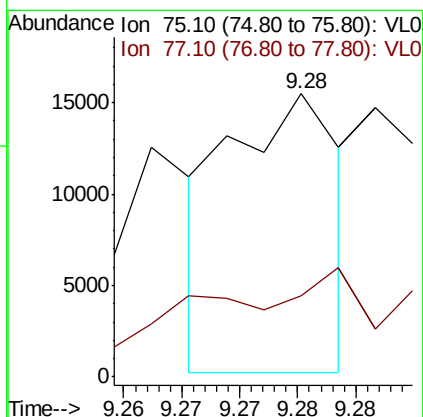
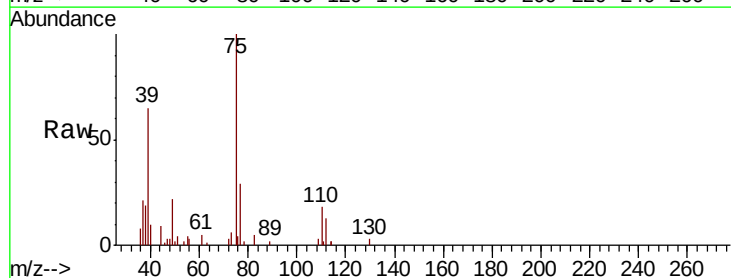
#44
 2,2,4-Trimethylpentane
 Concen: 0.477 ppbv
 RT: 7.87
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 17:01

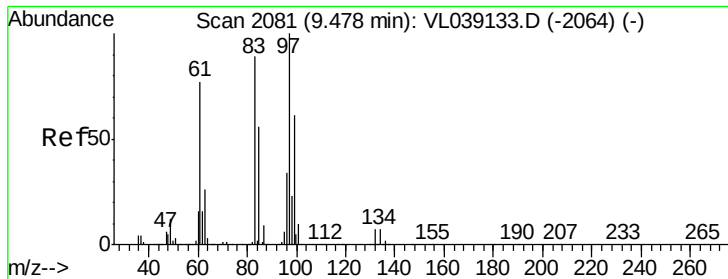
Tot Ion: 57 Resp: 229258
 Ion Ratio Lower Upper
 57 100
 41 35.8 26.2 39.4
 56 31.3 24.7 37.1



#45
 t-1,3-Dichloropropene
 Concen: 0.091 ppbv
 RT: 9.28 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

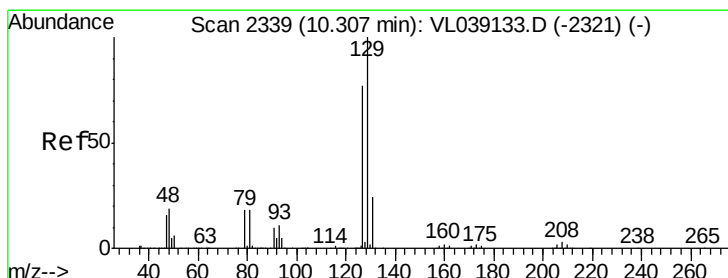
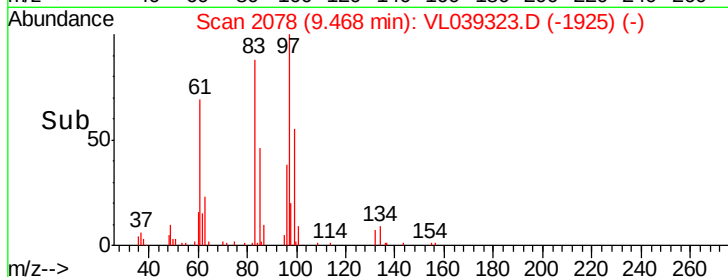
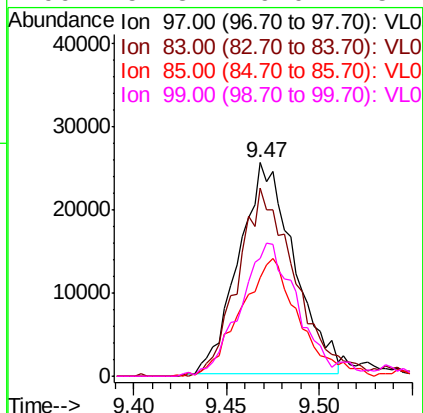
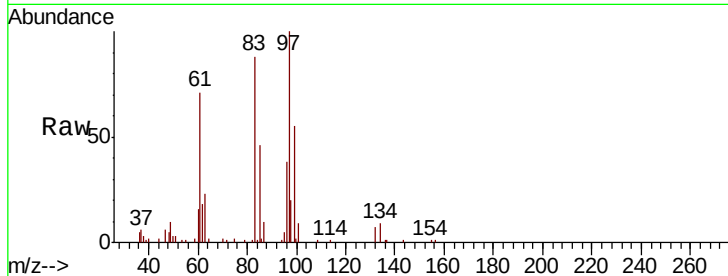
Tgt Ion: 75 Resp: 10156
 Ion Ratio Lower Upper
 75 100
 77 27.6 24.4 36.6





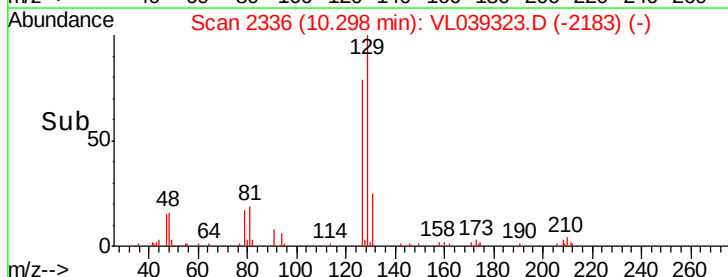
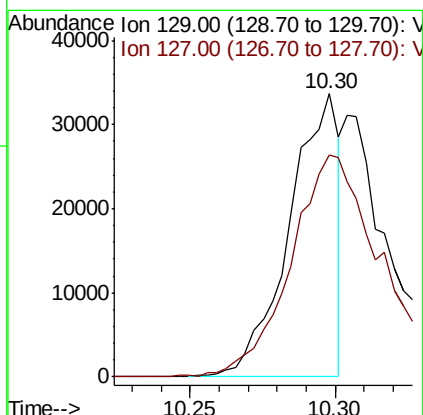
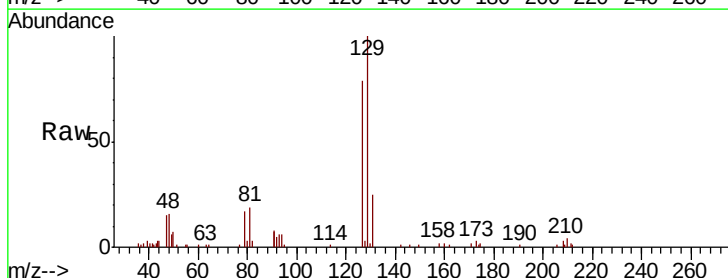
#47
 1,1,2-Trichloroethane
 Concen: 0.465 ppbv
 RT: 9.47
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 17:01

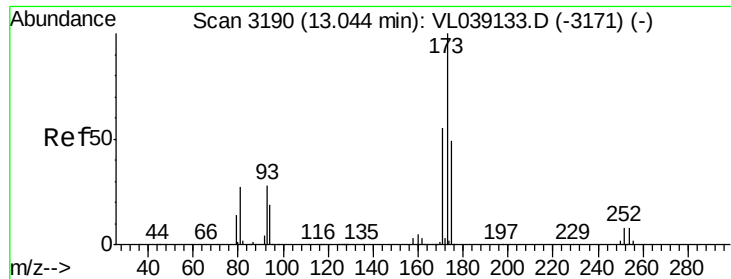
Tot Ion:	97	Resp:	53036
Ion	Ratio	Lower	Upper
97	100		
83	90.1	71.6	107.4
85	45.3	44.8	67.2
99	54.3	49.0	73.4



#48
 Dibromochloromethane
 Concen: 0.195 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion:	129	Resp:	39674
Ion	Ratio	Lower	Upper
129	100		
127	151.1	40.0	119.9#





#49

Bromoform

Concen: 0.299 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 17:01

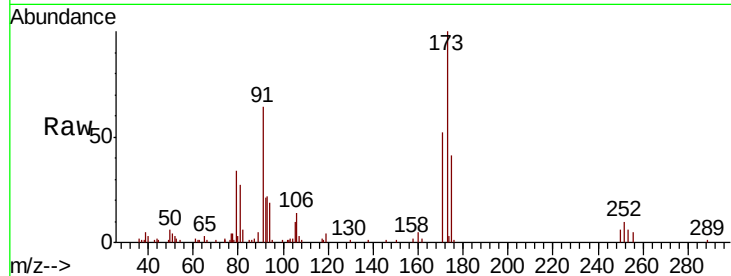
Tot Ion: 173 Resp: 50693

Ion Ratio Lower Upper

173 100

175 57.9 40.2 60.2

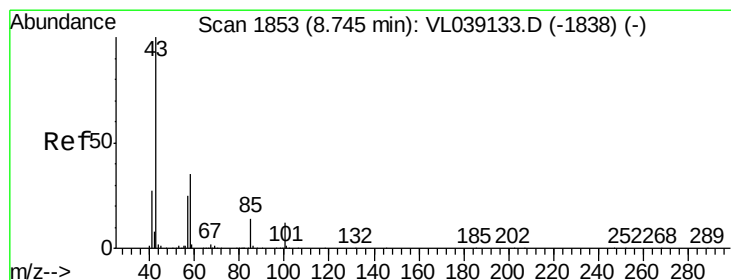
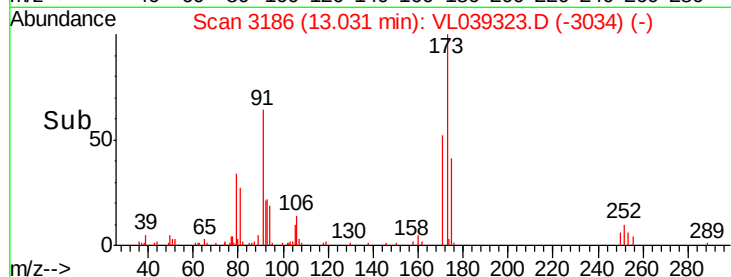
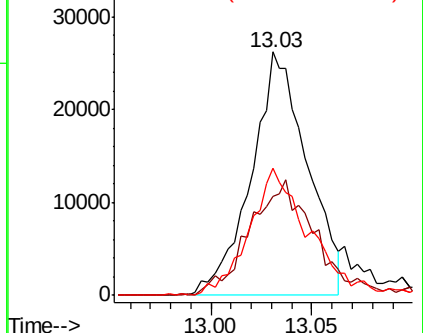
171 56.6 43.9 65.9



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: 0.162 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL039323.D

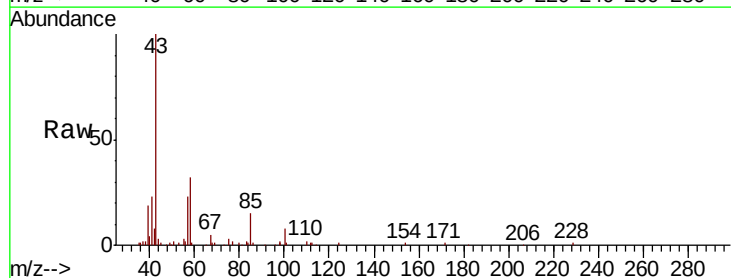
Acq: 22 Jun 2022 17:01

Tgt Ion: 43 Resp: 44661

Ion Ratio Lower Upper

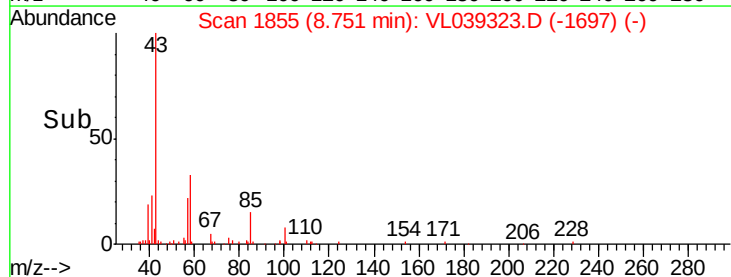
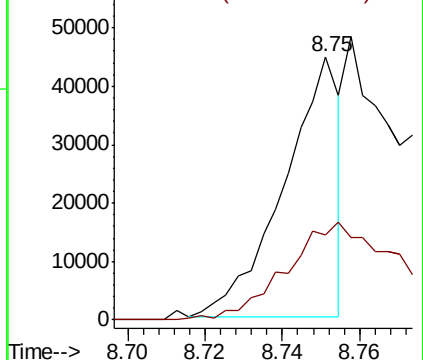
43 100

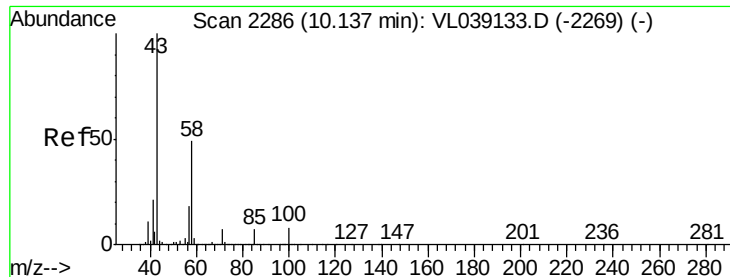
58 0.0 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 0.294 ppbv

RT: 10.15

Delta R.T. MSVOA_L

Lab File:

Acq: 22 Jun 2022 17:01

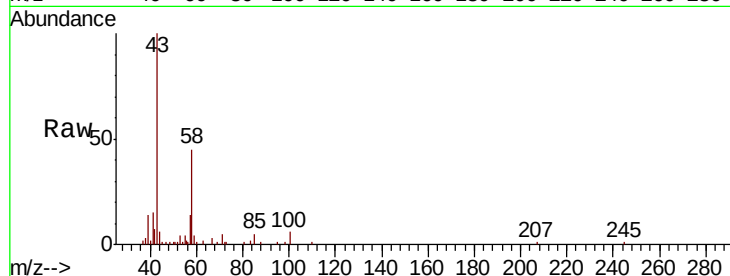
Tot Ion: 43 Resp: 62902

Ion Ratio Lower Upper

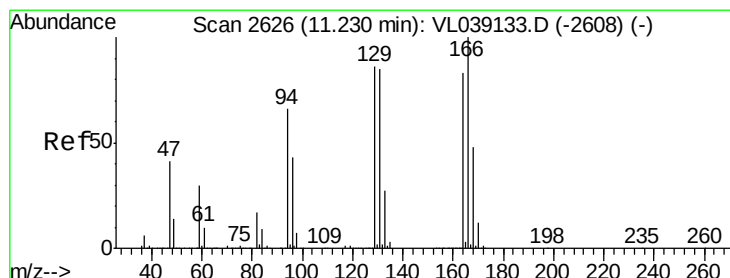
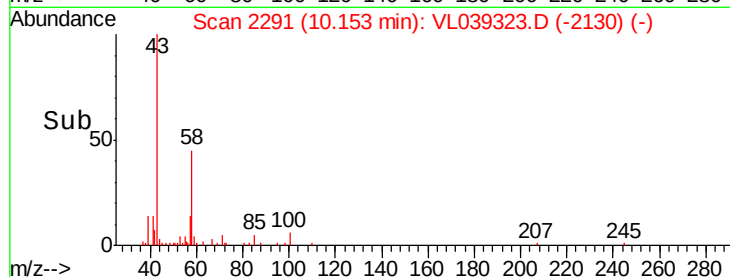
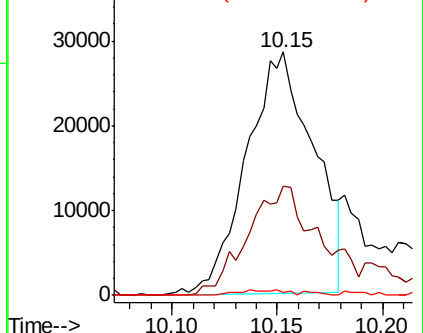
43 100

58 63.5 40.0 60.0#

98 2.0 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 0.241 ppbv

RT: 11.21 min Scan# 2621

Delta R.T. -0.02 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Tgt Ion: 164 Resp: 25877

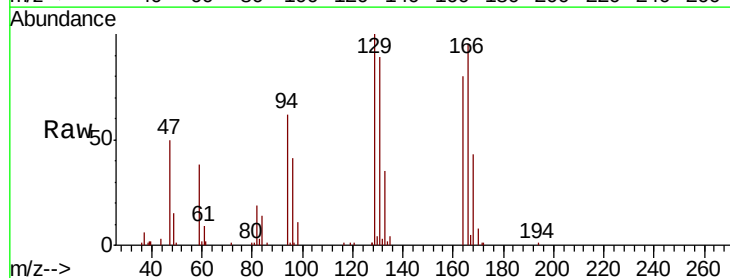
Ion Ratio Lower Upper

164 100

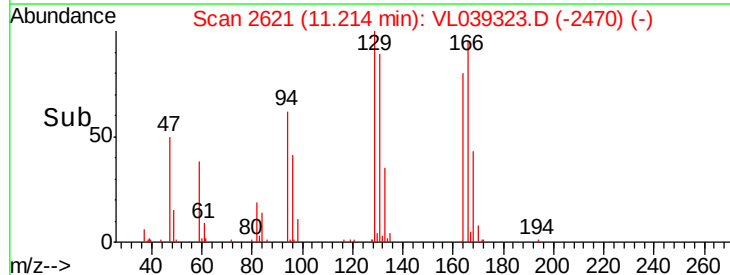
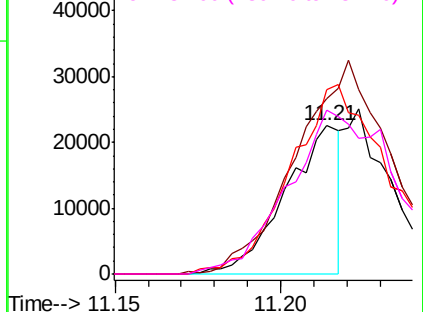
166 116.7 96.3 144.5

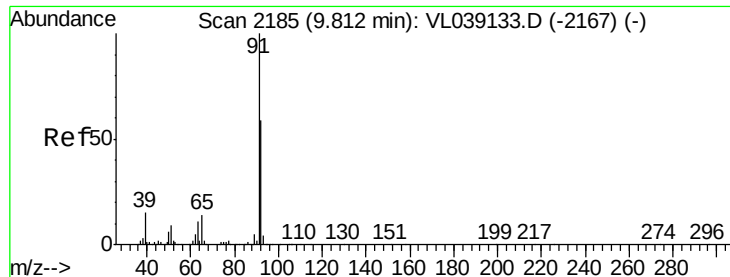
129 124.5 82.5 123.7#

131 111.2 82.1 123.1



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.244 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

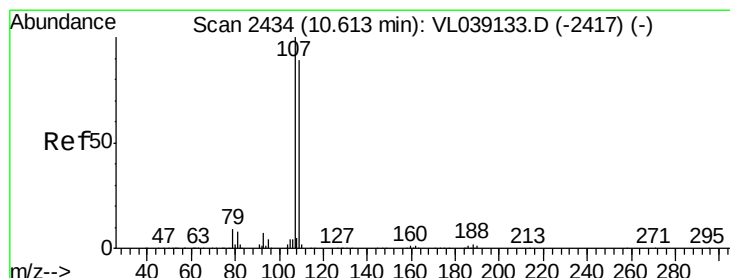
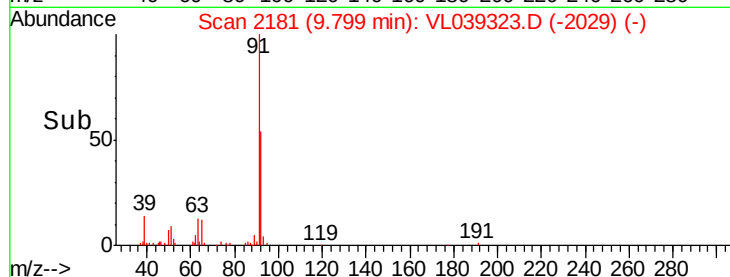
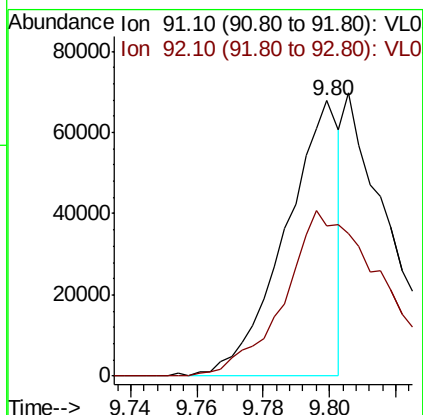
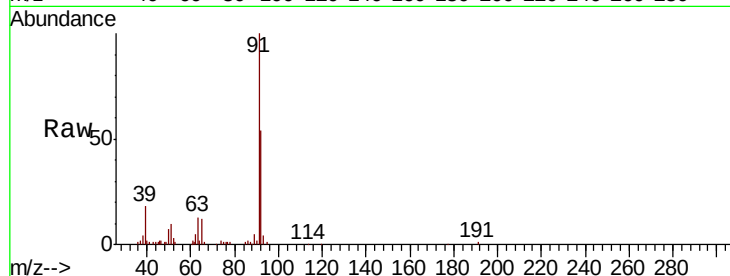
Acq: 22 Jun 2022 17:01

Tot Ion: 91 Resp: 77086

Ion Ratio Lower Upper

91 100

92 114.5 48.1 72.1#



#54

1,2-Dibromoethane

Concen: 0.228 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL039323.D

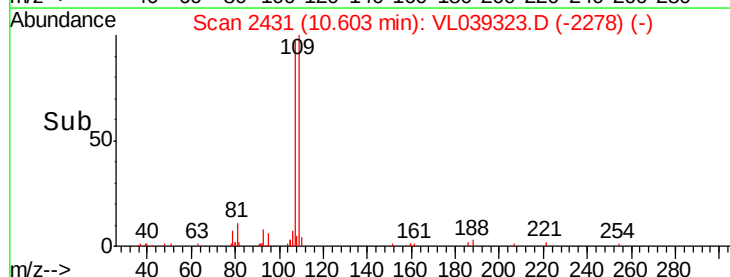
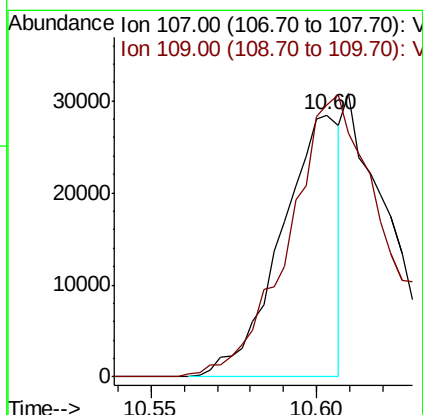
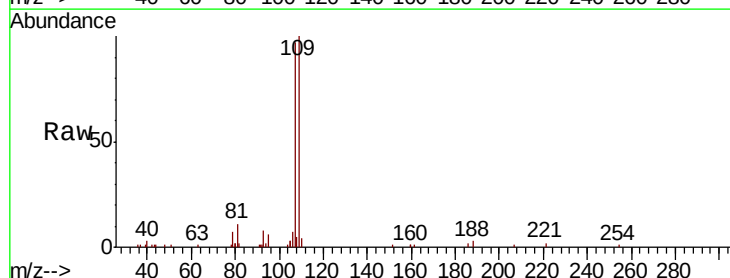
Acq: 22 Jun 2022 17:01

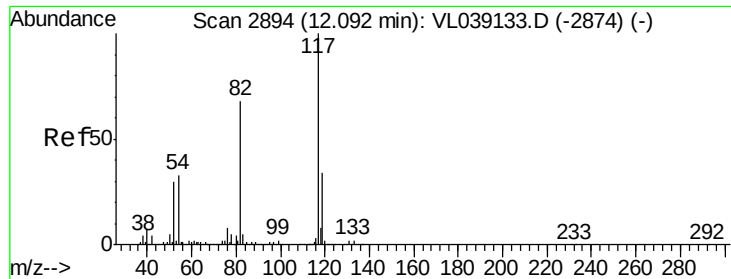
Tgt Ion: 107 Resp: 34984

Ion Ratio Lower Upper

107 100

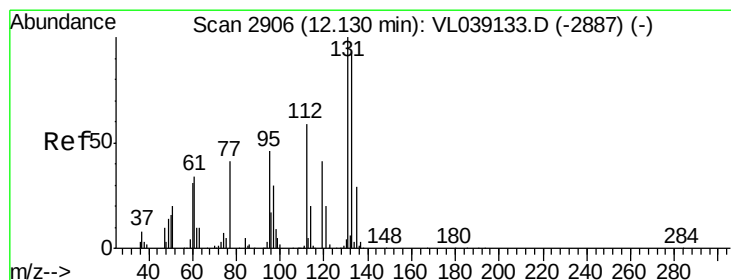
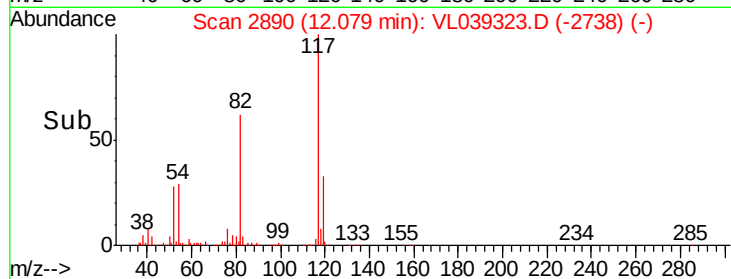
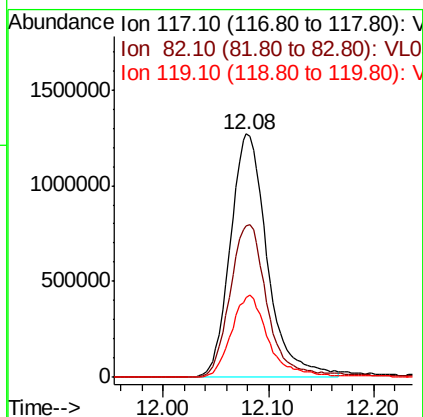
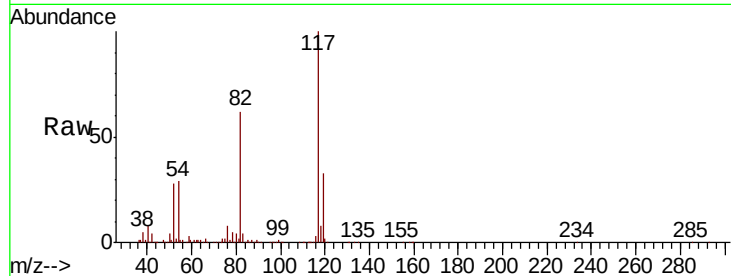
109 102.2 71.4 107.0





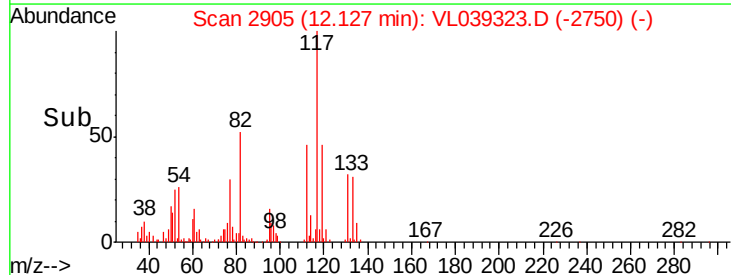
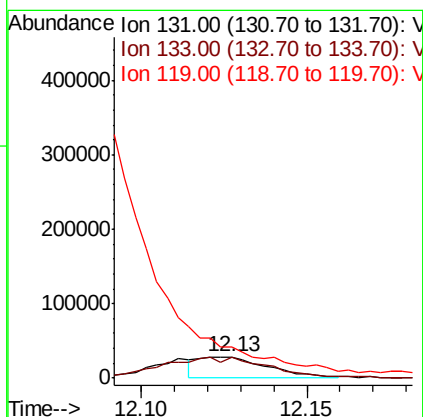
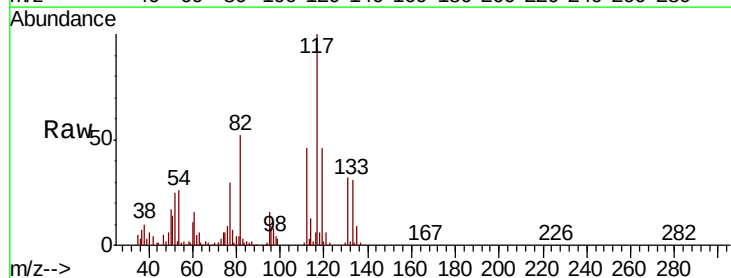
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 22 Jun 2022 17:01

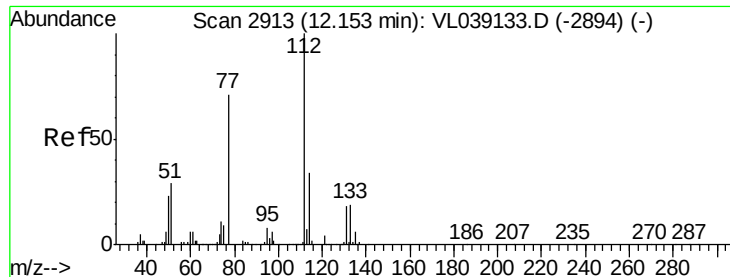
Tot Ion:117 Resp: 3096376
 Ion Ratio Lower Upper
 117 100
 82 65.1 55.1 82.7
 119 34.7 24.7 37.1



#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.276 ppbv
 RT: 12.13 min Scan# 2905
 Delta R.T.: -0.00 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

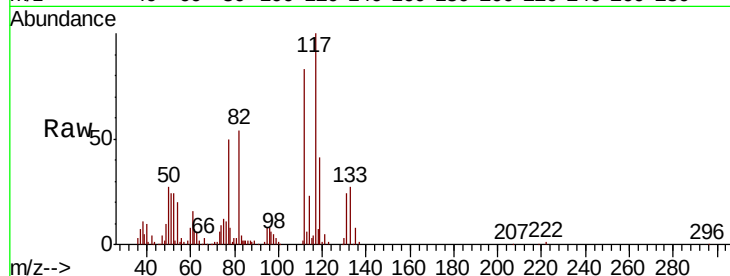
Tgt Ion:131 Resp: 40461
 Ion Ratio Lower Upper
 131 100
 133 164.4 78.6 117.8#
 119 0.0 51.7 77.5#



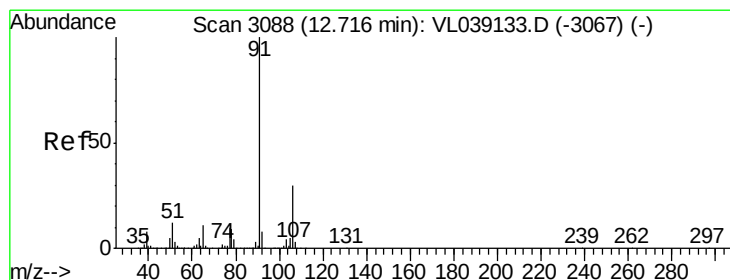
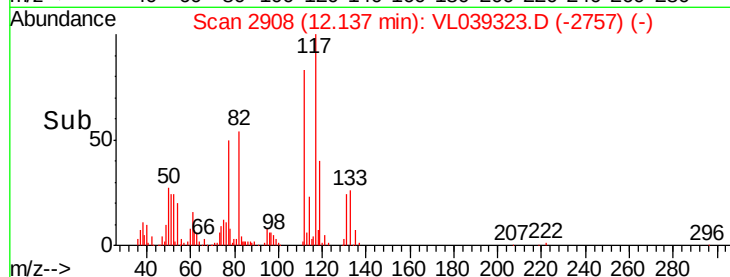
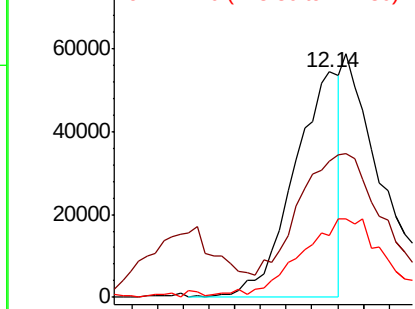


#57
Chlorobenzene
Concen: 0.285 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 22 Jun 2022 17:01

Tot Ion: 112 Resp: 66491
Ion Ratio Lower Upper
112 100
77 32.1 56.5 84.7#
114 24.4 30.3 37.1#

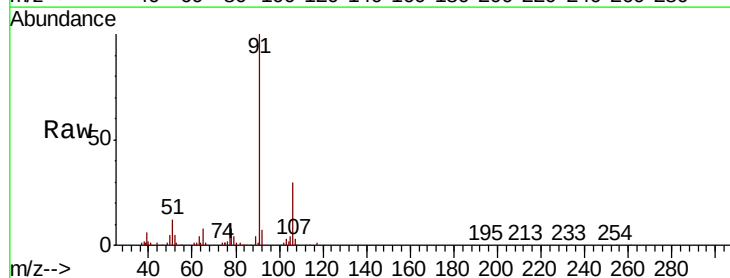


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

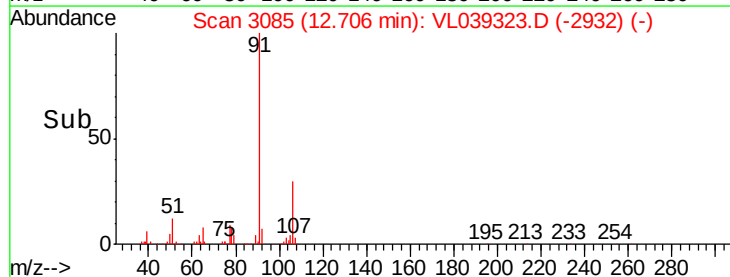
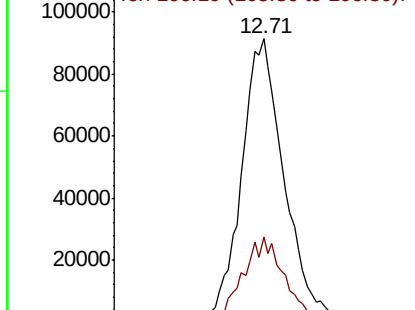


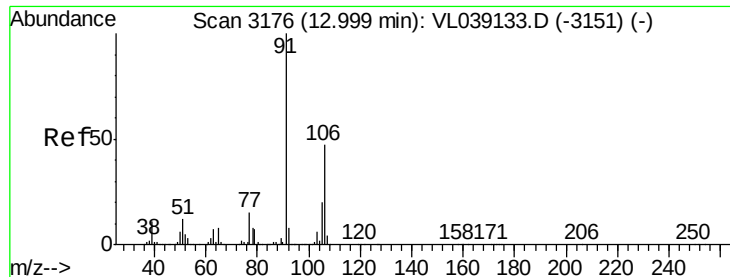
#58
Ethyl Benzene
Concen: 0.466 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: -0.01 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion: 91 Resp: 198917
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



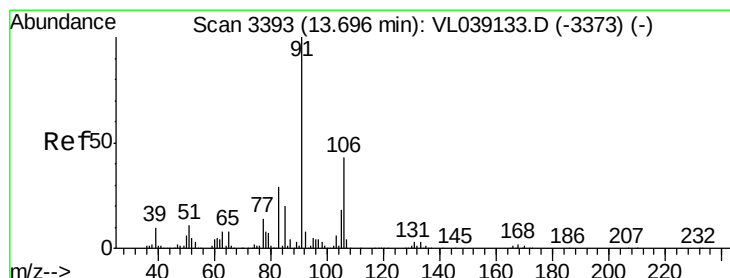
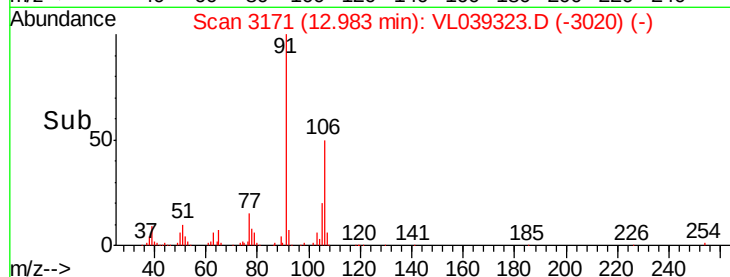
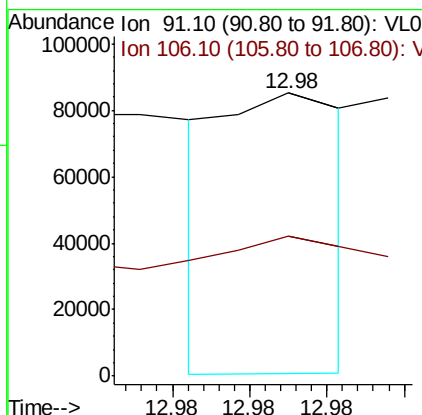
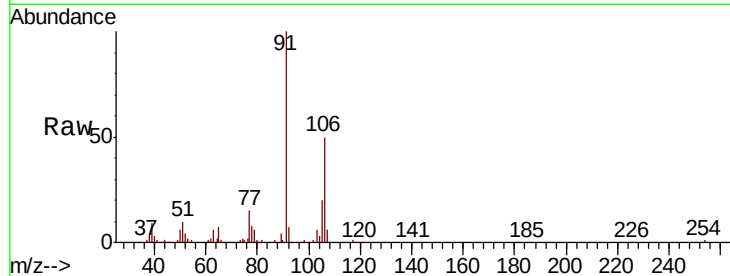
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





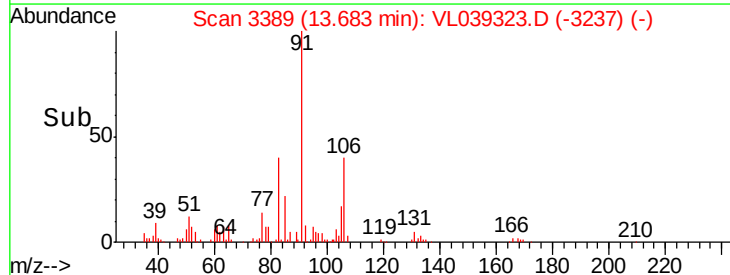
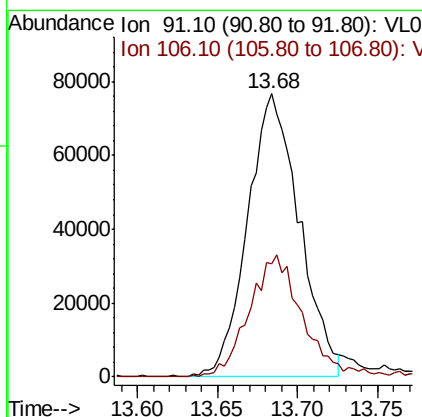
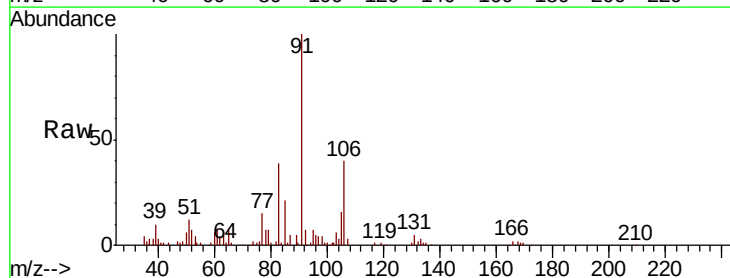
#59
m/p-Xylene
Concen: 0.125 ppbv
RT: 12.98 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 22 Jun 2022 17:01

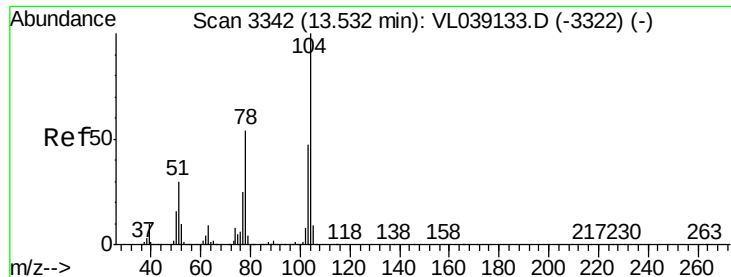
Tot Ion: 91 Resp: 46820
Ion Ratio Lower Upper
91 100
106 317.2 34.3 51.5#



#60
o-Xylene
Concen: 0.486 ppbv
RT: 13.68 min Scan# 3389
Delta R.T.: -0.01 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion: 91 Resp: 171393
Ion Ratio Lower Upper
91 100
106 45.4 22.3 66.9





#61

Stvrene

Concen: 0.395 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 17:01

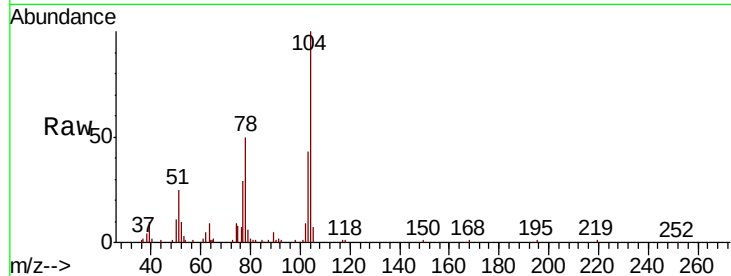
Tot Ion:104 Resp: 74692

Ion Ratio Lower Upper

104 100

78 58.4 45.7 68.5

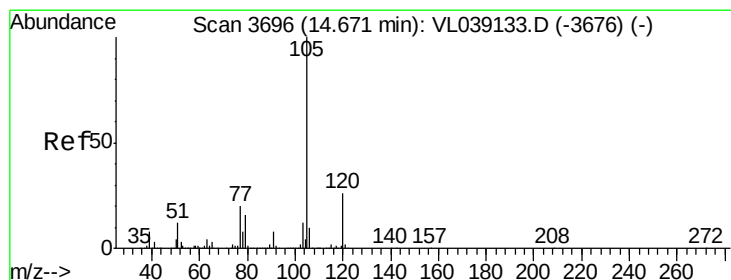
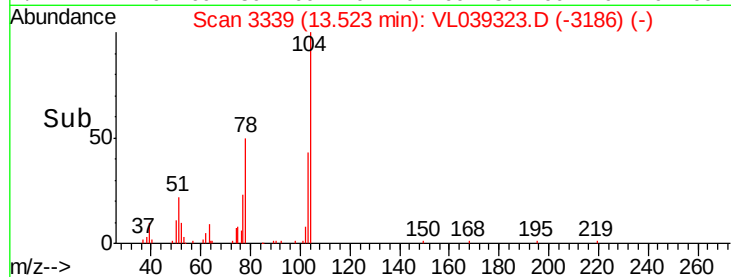
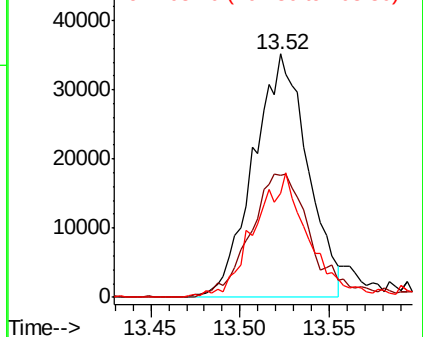
103 51.4 39.6 59.4



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: 0.521 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.01 min

Lab File: VL039323.D

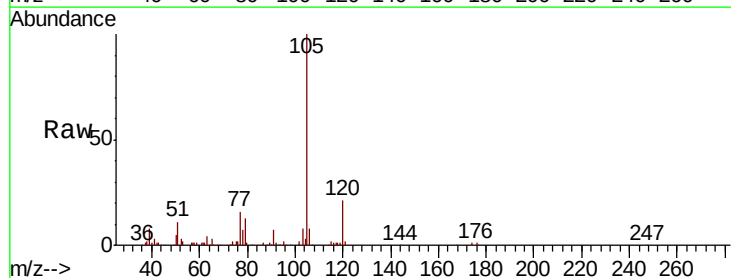
Acq: 22 Jun 2022 17:01

Tgt Ion:105 Resp: 273466

Ion Ratio Lower Upper

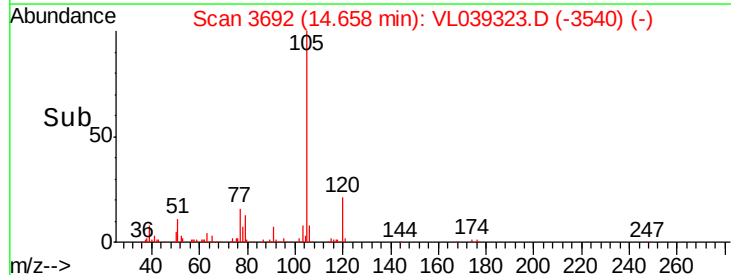
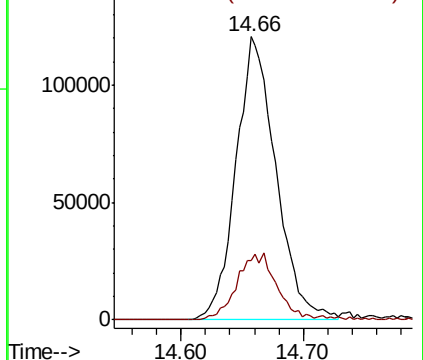
105 100

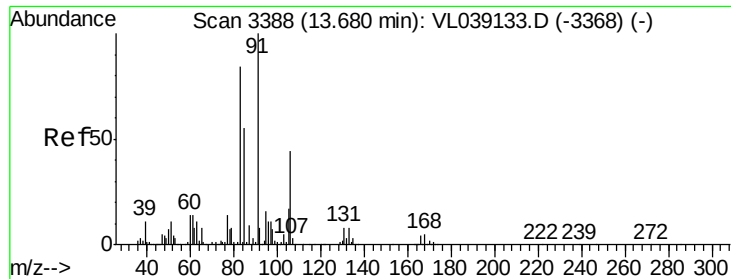
120 24.2 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

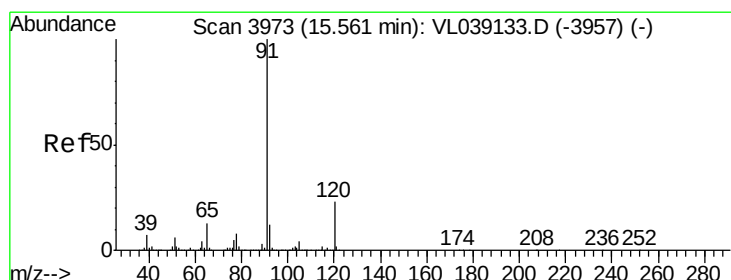
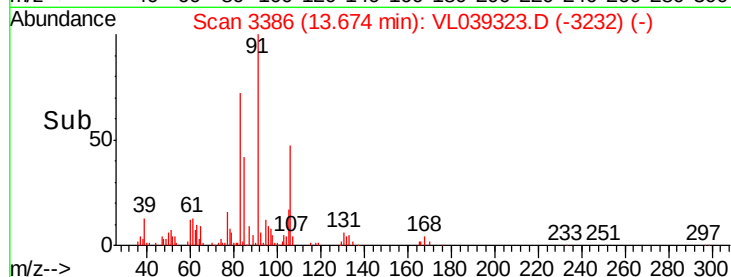
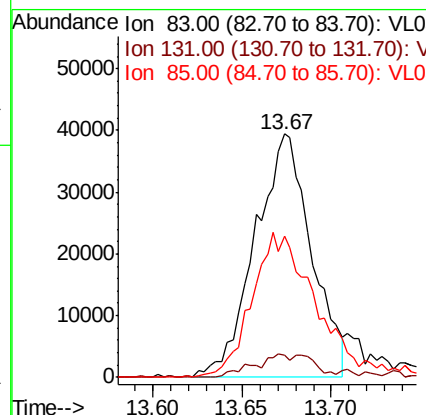
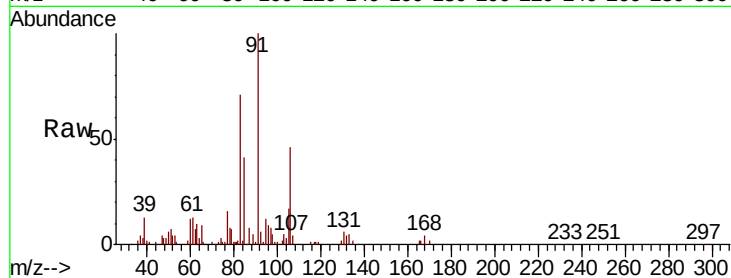
Ion 120.20 (119.90 to 120.90): V





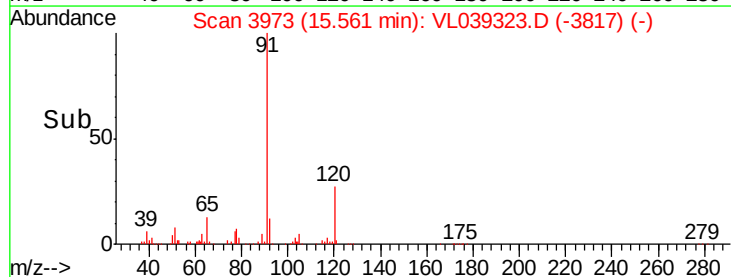
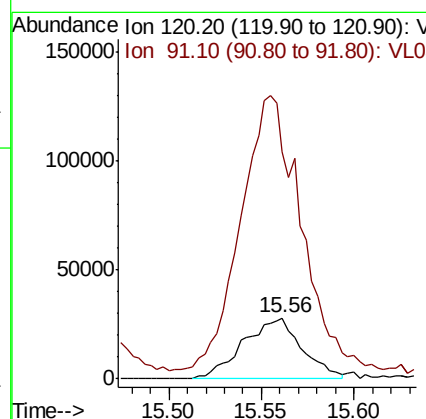
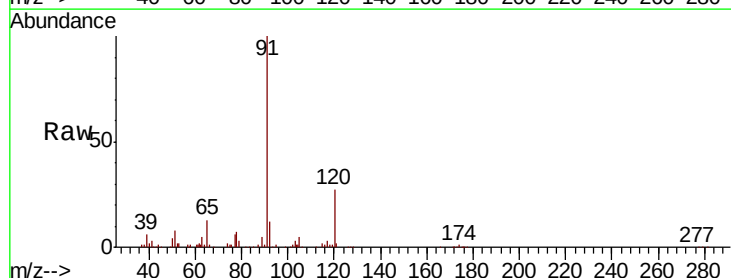
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.438 ppbv
 RT: 13.67 min
 Delta R.T. 0.00 min
 Lab File: VL039133.D
 Acq: 22 Jun 2022 17:01

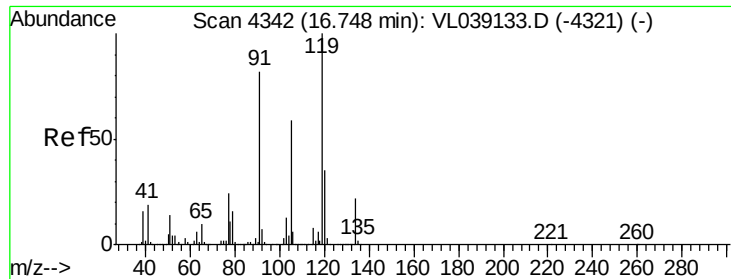
Tot Ion:	83	Resp:	86726
Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.3
85	69.0	33.0	99.0



#64
 n-propylbenzene
 Concen: 0.476 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

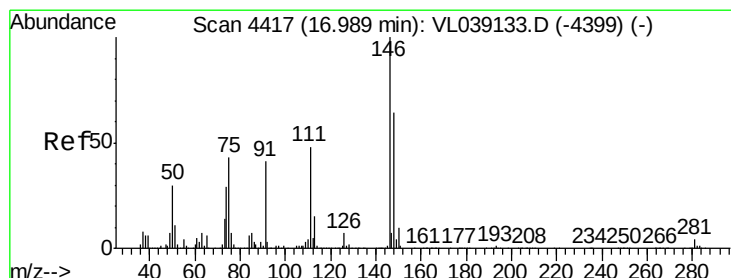
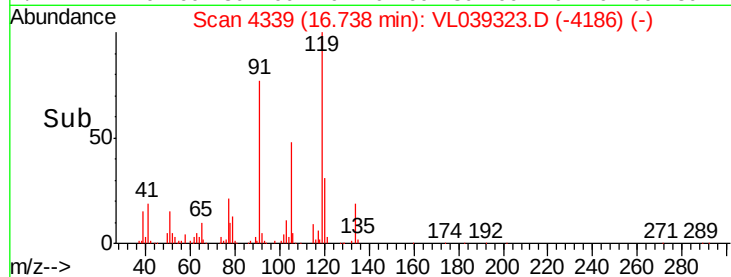
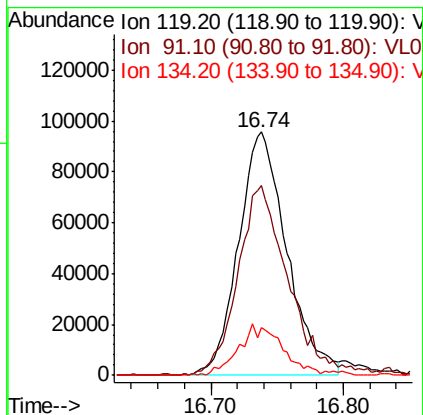
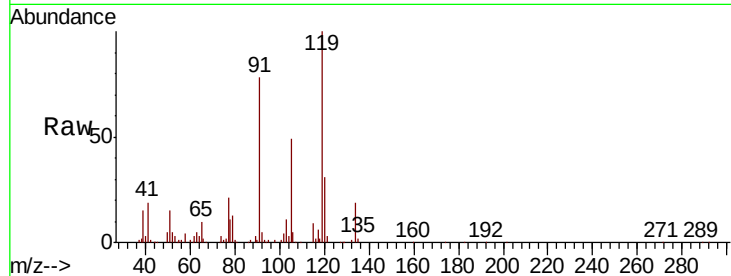
Tgt Ion:	120	Resp:	61420
Ion	Ratio	Lower	Upper
120	100		
91	523.6	388.4	582.6





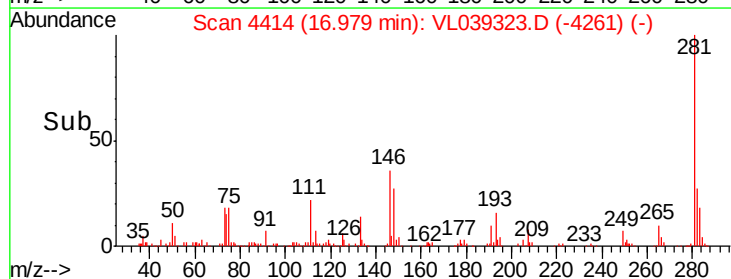
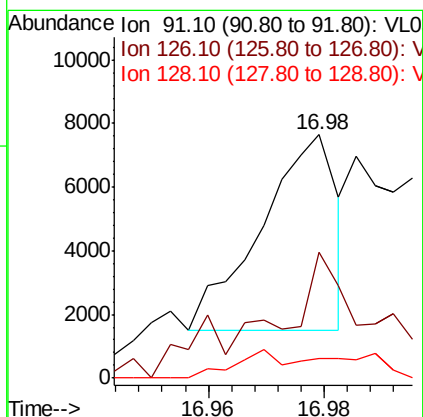
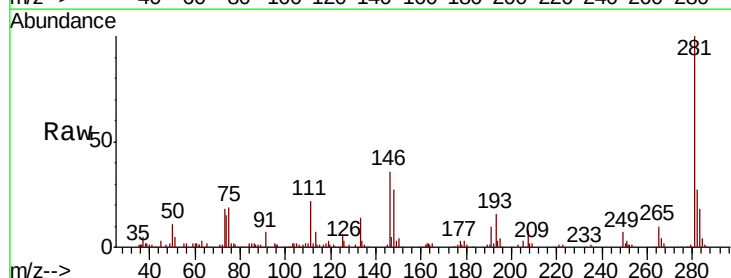
#65
 tert-Butylbenzene
 Concen: 0.503 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: LOQ-AIR-02-QT2-2022
 Acq: 22 Jun 2022 17:01

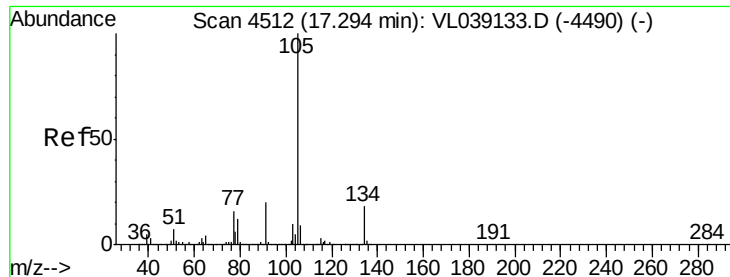
Tot Ion: 119 Resp: 241204
 Ion Ratio Lower Upper
 119 100
 91 83.0 67.1 100.7
 134 20.1 15.8 23.8



#66
 Benzyl Chloride
 Concen: 0.090 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T.: -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

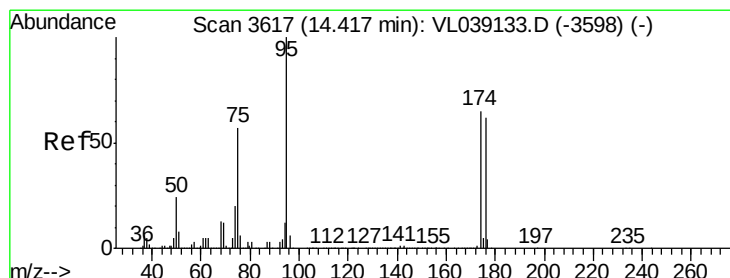
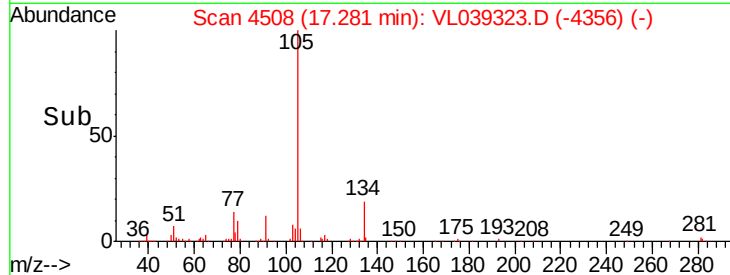
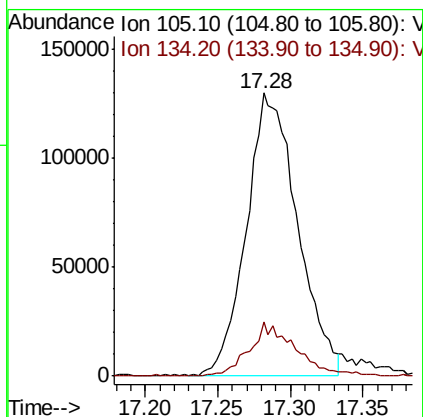
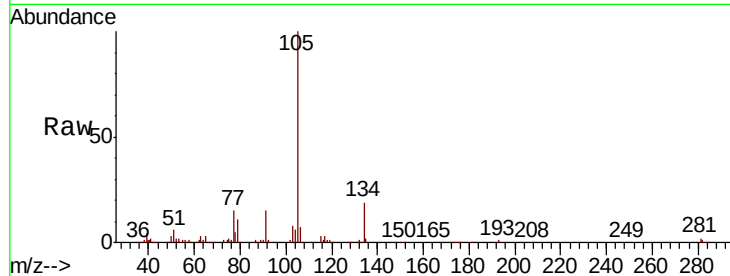
Tgt Ion: 91 Resp: 5602
 Ion Ratio Lower Upper
 91 100
 126 116.9 13.4 20.0#
 128 20.0 4.1 6.1#





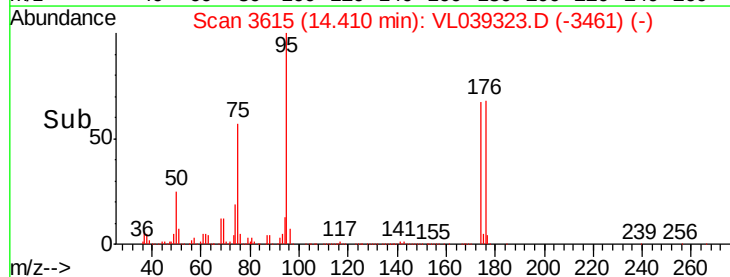
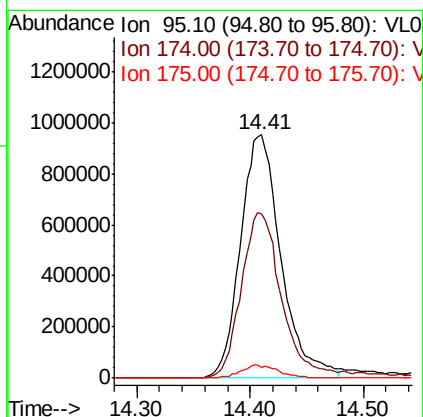
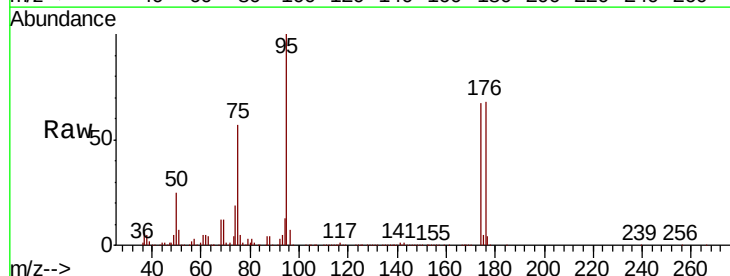
#67
 sec-Butylbenzene
 Concen: 0.486 ppbv
 RT: 17.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 22 Jun 2022 17:01

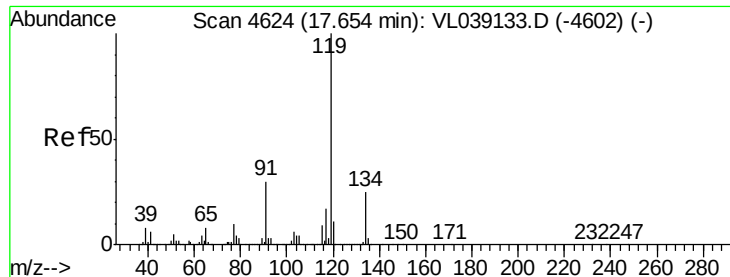
Tot Ion: 105 Resp: 318200
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.261 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

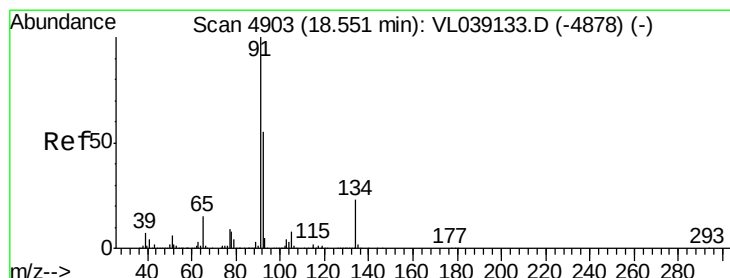
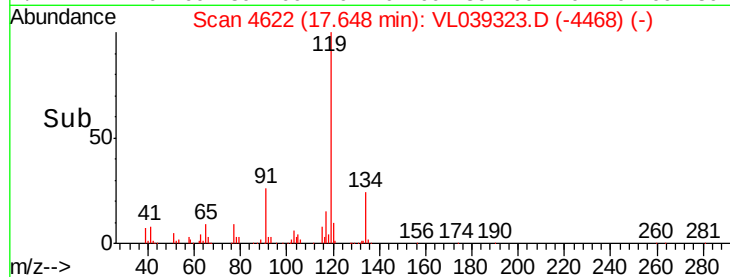
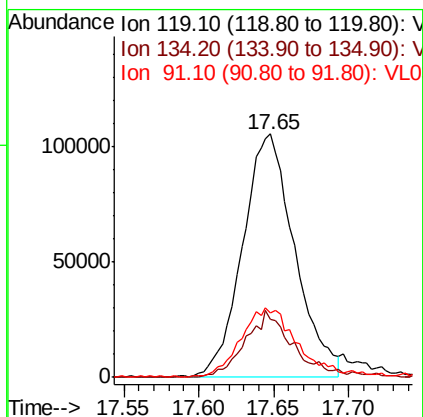
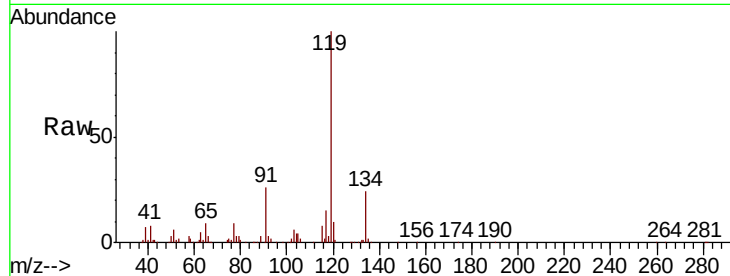
Tgt Ion: 95 Resp: 2370826
 Ion Ratio Lower Upper
 95 100
 174 71.3 53.8 80.8
 175 5.2 4.1 6.1





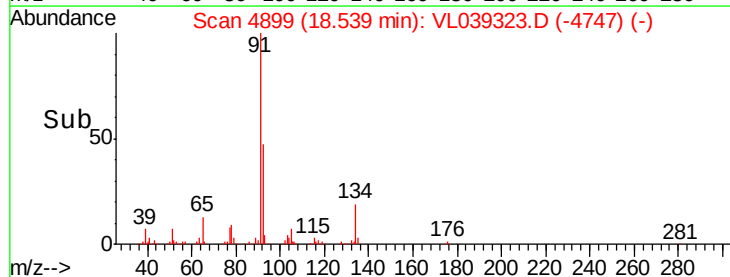
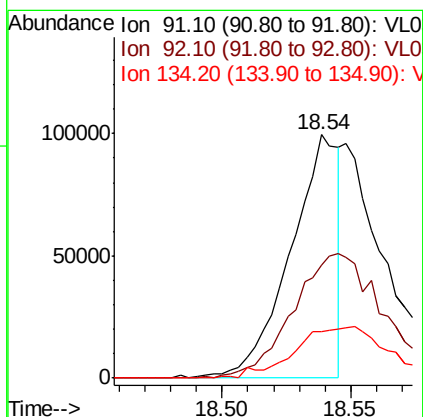
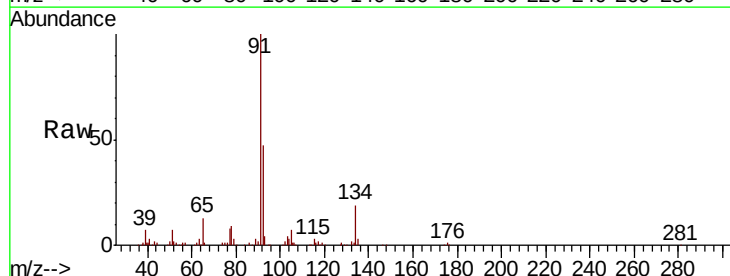
#69
 p-Isopropyltoluene
 Concen: 0.463 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 17:01

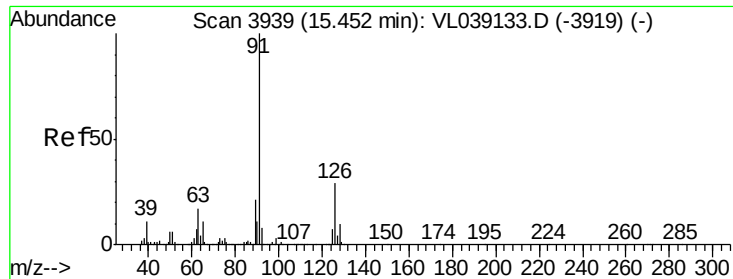
Tot Ion:	119	Resp:	255463
Ion Ratio	Lower	Upper	
119	100		
134	25.9	20.4	30.6
91	31.0	24.2	36.4



#70
 n-Butylbenzene
 Concen: 0.227 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

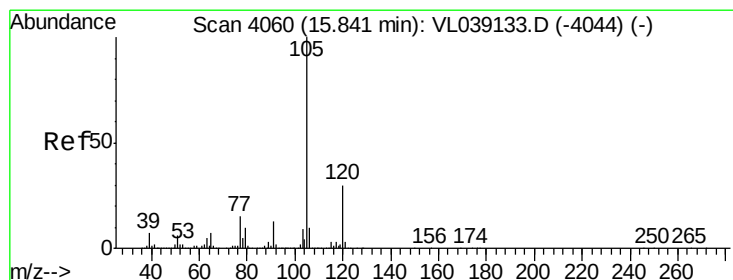
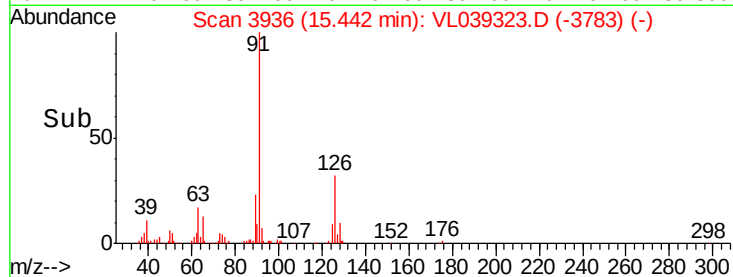
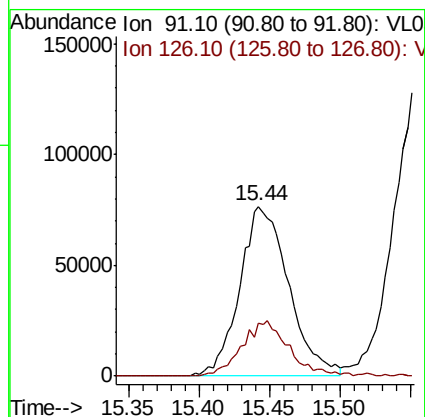
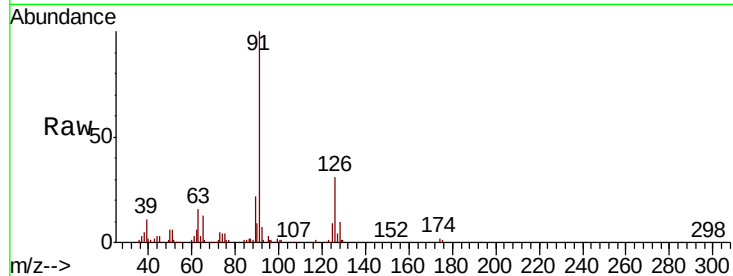
Tgt Ion:	91	Resp:	128668
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.6	65.4#
134	0.0	17.7	26.5#





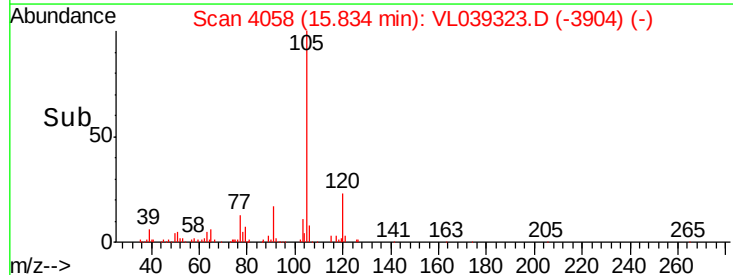
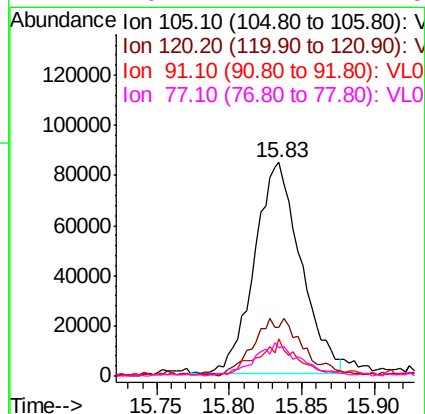
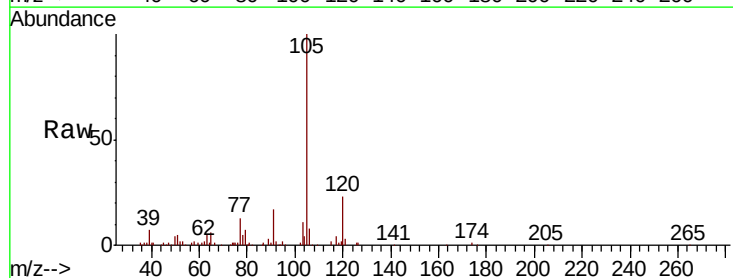
#71
 2-Chlorotoluene
 Concen: 0.466 ppbv
 RT: 15.44
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 17:01

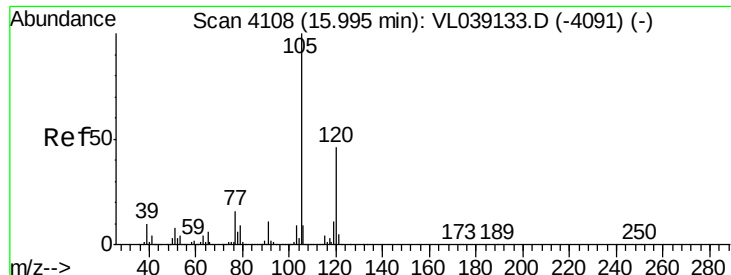
Tot Ion: 91 Resp: 186366
 Ion Ratio Lower Upper
 91 100
 126 31.9 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 0.452 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion:105 Resp: 186821
 Ion Ratio Lower Upper
 105 100
 120 29.2 23.9 35.9
 91 14.7 10.6 16.0
 77 16.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.449 ppbv

RT: 15.99 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

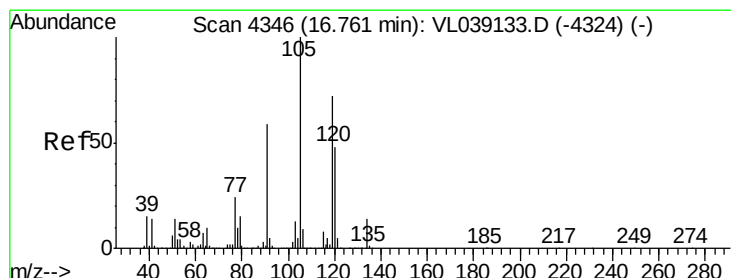
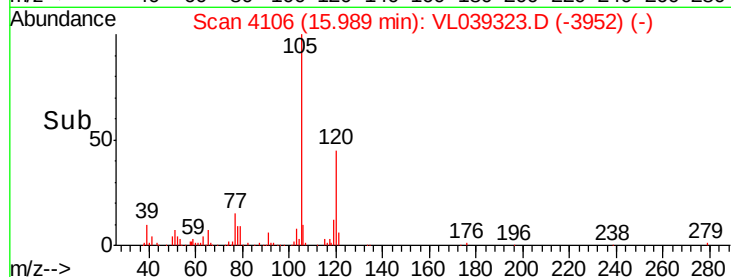
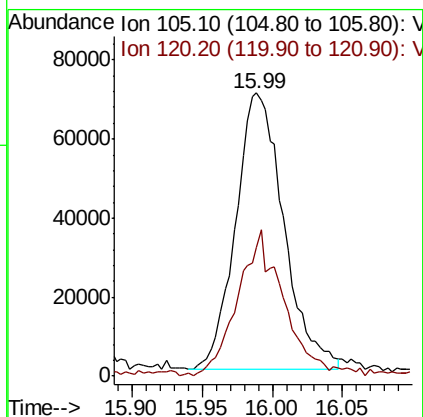
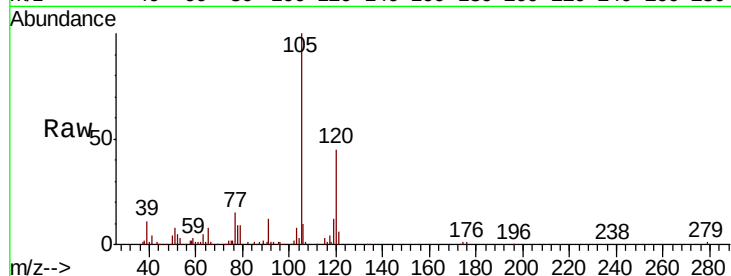
Acq: 22 Jun 2022 17:01

Tot Ion:105 Resp: 167379

Ion Ratio Lower Upper

105 100

120 45.5 36.7 55.1



#74

1,2,4-Trimethylbenzene

Concen: 0.218 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.01 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Tgt Ion:105 Resp: 90933

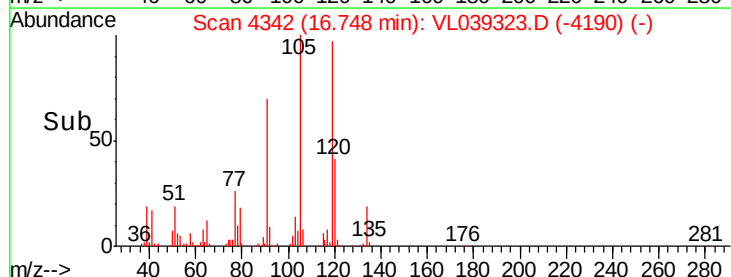
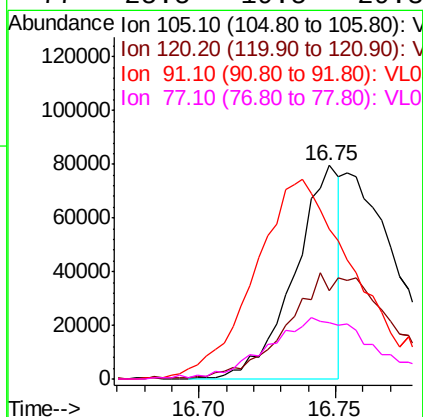
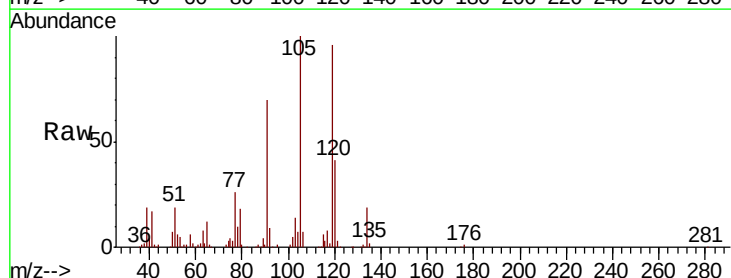
Ion Ratio Lower Upper

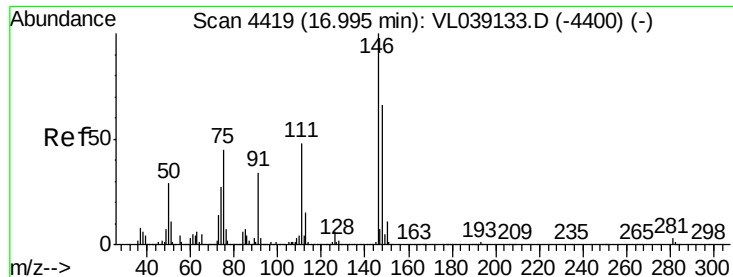
105 100

120 40.6 38.1 57.1

91 65.7 47.4 71.0

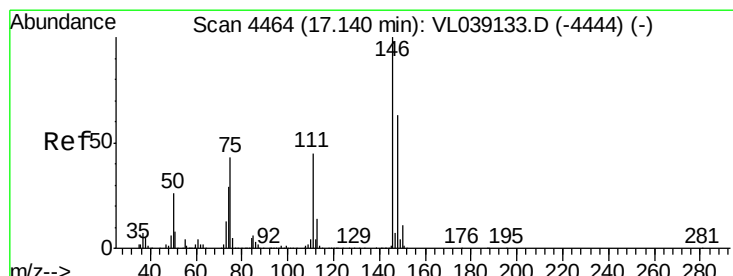
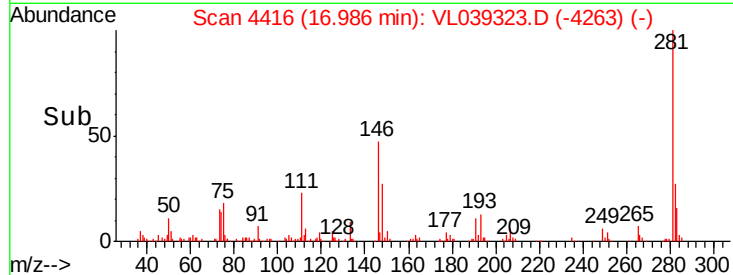
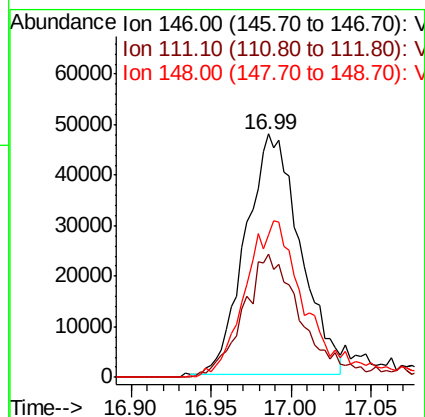
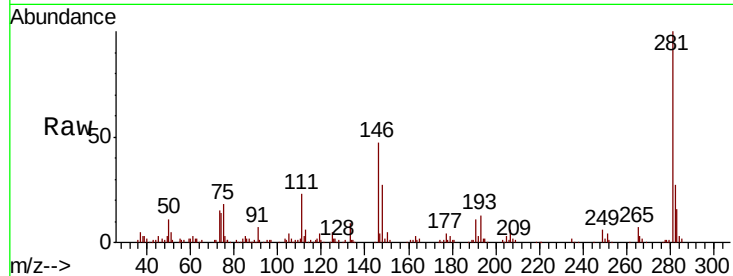
77 25.5 19.5 29.3





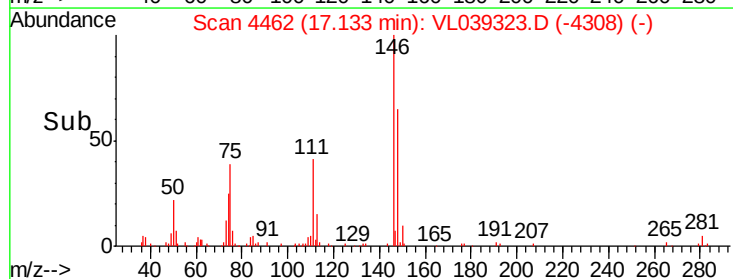
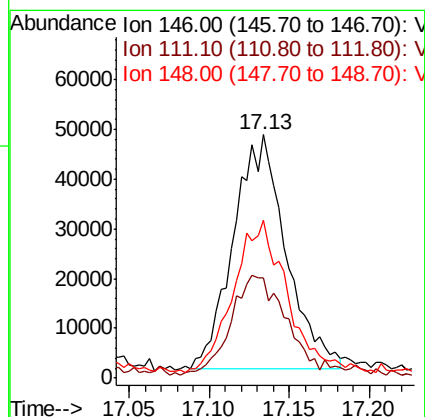
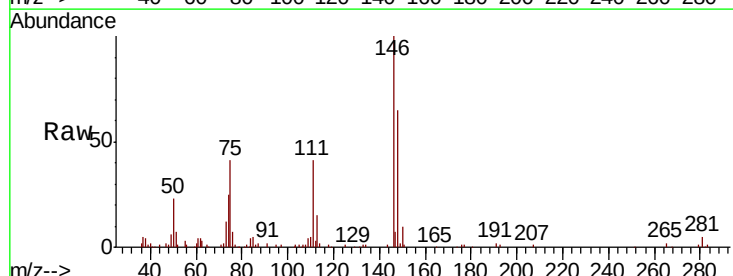
#75
 1,3-Dichlorobenzene
 Concen: 0.477 ppbv
 RT: 16.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 22 Jun 2022 17:01

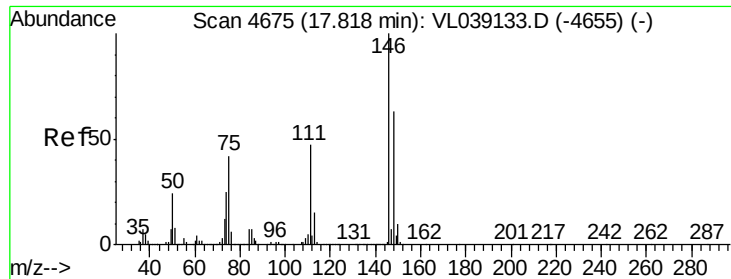
Tot Ion:146 Resp: 112467
 Ion Ratio Lower Upper
 146 100
 111 55.7 23.8 71.4
 148 73.3 32.4 97.0



#76
 1,4-Dichlorobenzene
 Concen: 0.452 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. -0.01 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion:146 Resp: 106209
 Ion Ratio Lower Upper
 146 100
 111 53.3 23.6 71.0
 148 76.7 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 0.452 ppbv

RT: 17.81 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 17:01

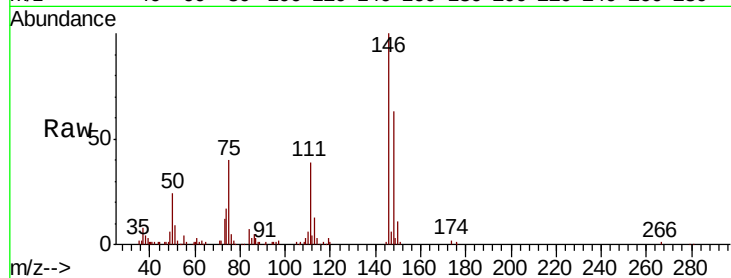
Tot Ion:146 Resp: 107236

Ion Ratio Lower Upper

146 100

111 53.5 24.4 73.4

148 72.2 32.1 96.5

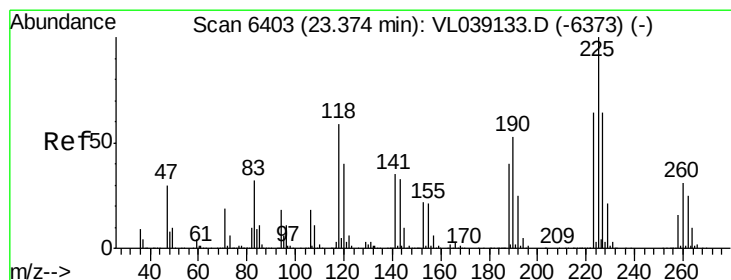
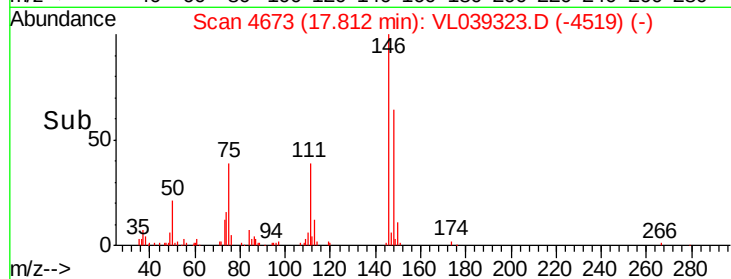
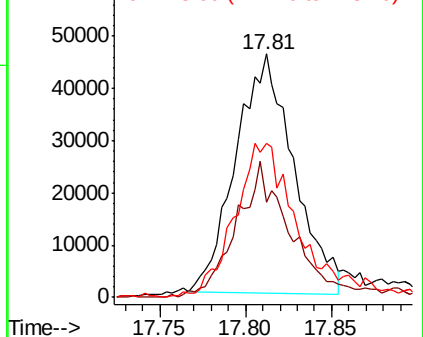


Abundance

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: 0.295 ppbv

RT: 23.36 min Scan# 6399

Delta R.T. -0.01 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

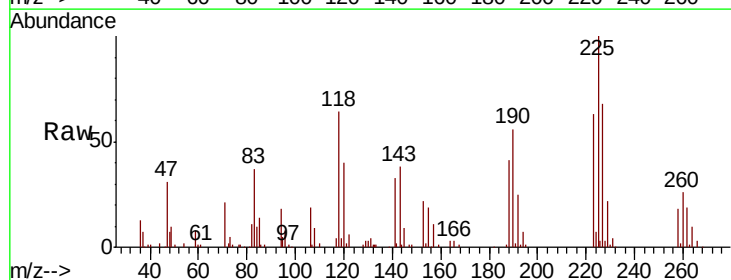
Tgt Ion:225 Resp: 64076

Ion Ratio Lower Upper

225 100

223 118.0 51.4 77.0#

227 114.7 50.6 75.8#

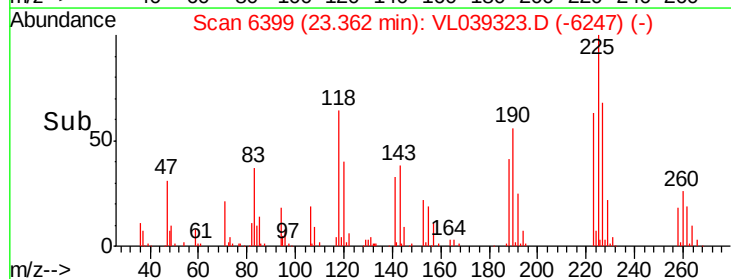
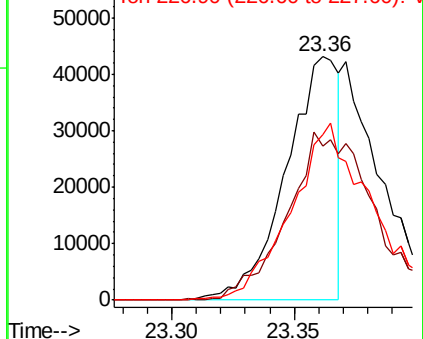


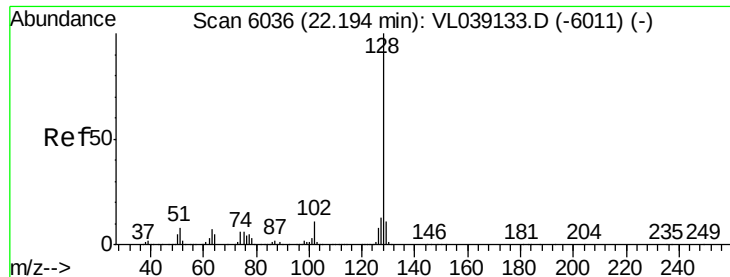
Abundance

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: 0.404 ppbv

RT: 22.19 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Jun 2022 17:01

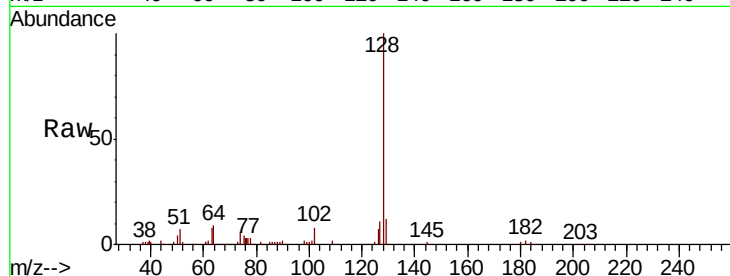
Tot Ion:128 Resp: 129530

Ion Ratio Lower Upper

128 100

127 11.3 10.4 15.6

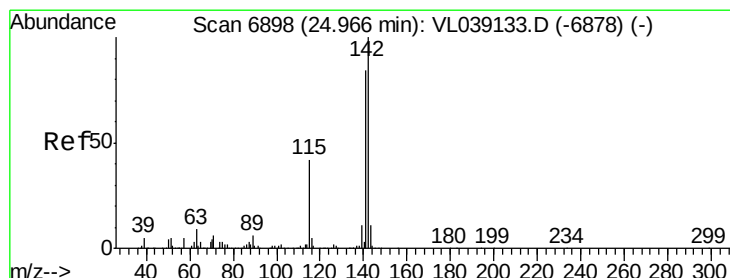
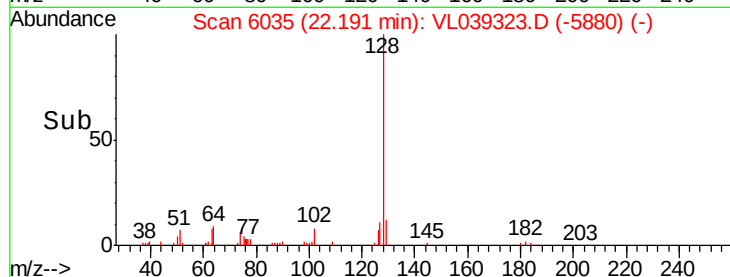
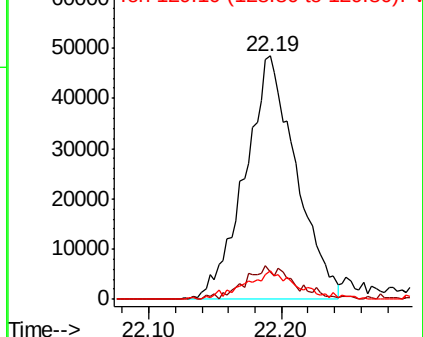
129 11.3 9.0 13.6



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: 0.149 ppbv

RT: 24.97 min Scan# 6900

Delta R.T. 0.01 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

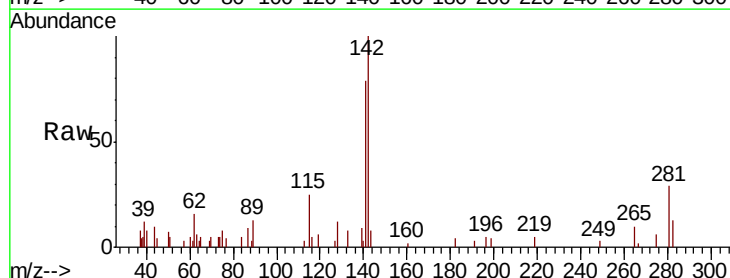
Tgt Ion:142 Resp: 17691

Ion Ratio Lower Upper

142 100

141 106.0 64.6 96.8#

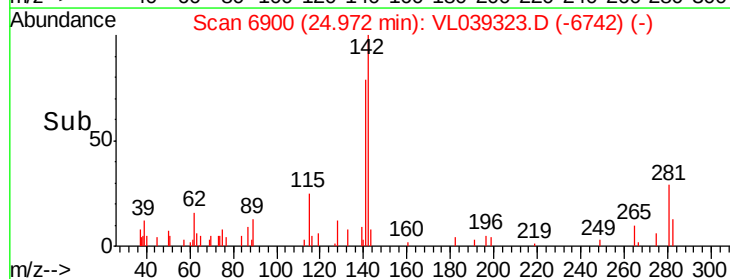
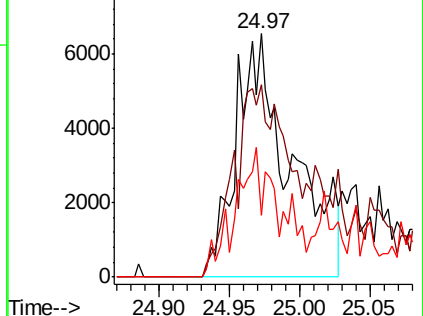
115 44.6 32.7 49.1

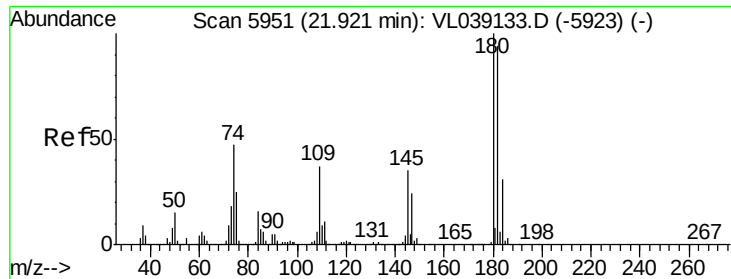


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

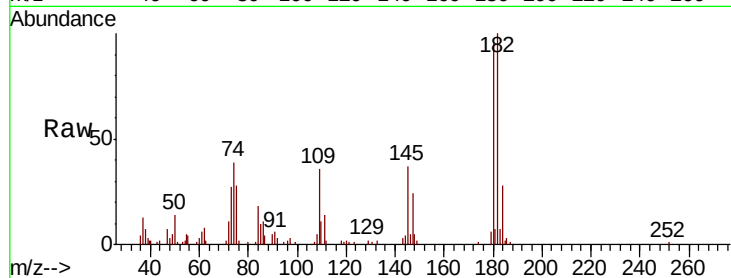
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.184 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Jun 2022 17:01

Tot Ion:	180	Resp:	37423
Ion Ratio	Lower	Upper	
180	100		
182	0.0	0.0	0.0
184	0.0	0.0	0.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

