

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061522\
 Data File : VL039302.D
 Acq On : 15 Jun 2022 19:14
 Operator : SY/AP
 Sample : N3326-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: Jun 16 04:35:08 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	5.65	49	1176631	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3281690	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2971429	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2335637	9.51	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

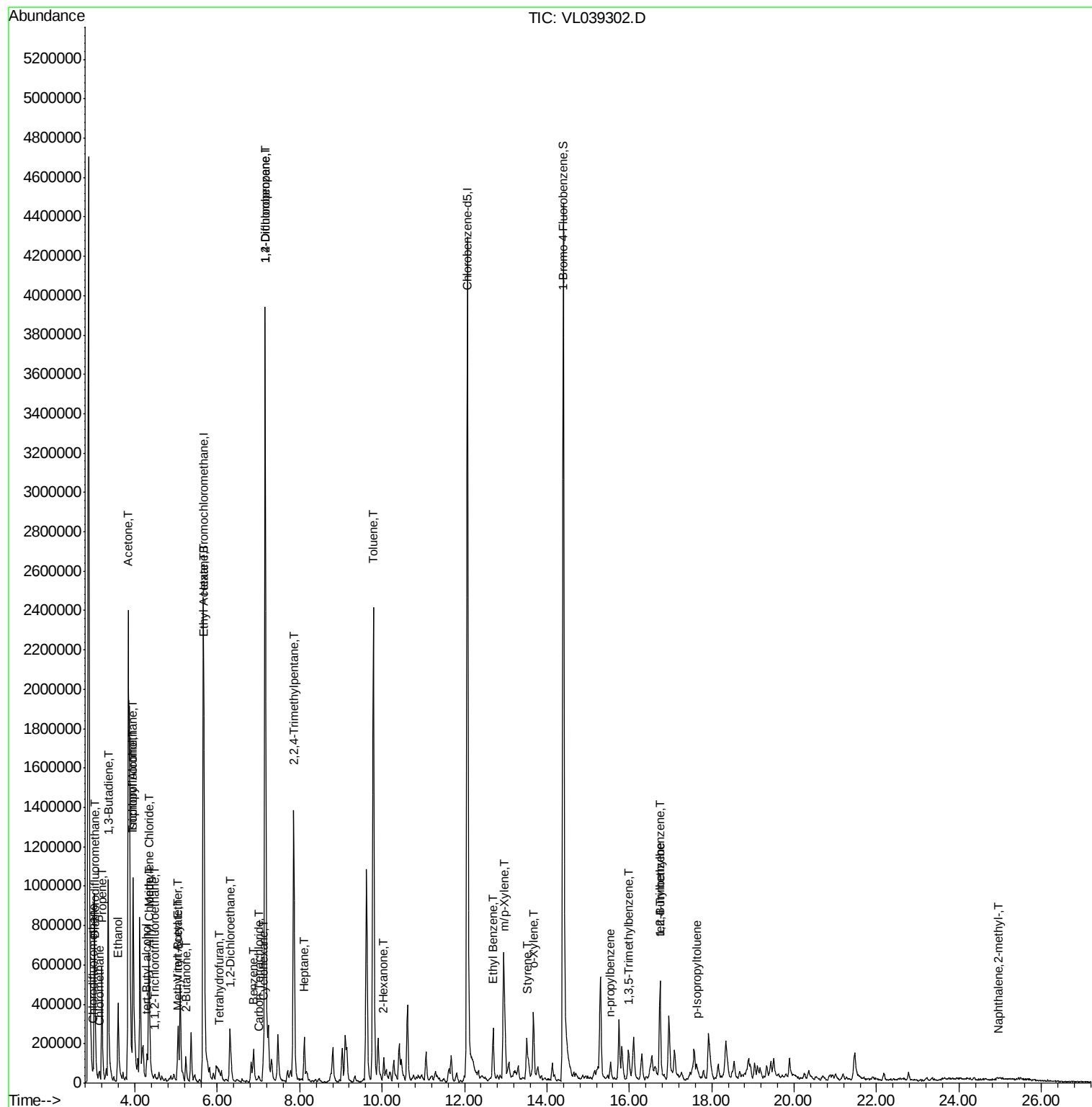
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	50068	0.242	ppbv	93
3) Chlorodifluoromethane	2.98	51	61428	0.410	ppbv #	90
4) Chloromethane	3.14	50	44719	0.582	ppbv	95
9) Propene	3.20	41	187177	2.867	ppbv	98
10) Heptane	8.11	43	89472	0.588	ppbv	96
11) Trichlorofluoromethane	3.94	101	42340	0.226	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.48	101	8753	0.071	ppbv #	80
13) Ethanol	3.59	45	520849	146.302	ppbv #	100
15) Acetone	3.83	43	3558870	29.036	ppbv	91
16) 1,3-Butadiene	3.35	39	139374	2.115	ppbv #	13
17) tert-Butyl alcohol	4.28	59	25977	0.273	ppbv #	70
19) Isopropyl Alcohol	3.95	45	1221061	21.241	ppbv #	97
20) Methylene Chloride	4.34	84	248804	4.817	ppbv	92
21) Allyl Chloride	4.36	41	30334	0.367	ppbv #	23
23) Vinyl Acetate	5.05	43	56506	0.557	ppbv #	1
25) Ethyl Acetate	5.68	43	309164	1.119	ppbv #	79
26) Hexane	5.68	57	407578	3.357	ppbv #	39
28) Methyl tert-Butyl Ether	5.02	73	9297	0.069	ppbv #	1
30) Cyclohexane	7.12	84	27530	0.270	ppbv #	59
34) 2-Butanone	5.24	43	146402	0.821	ppbv	95
35) Carbon Tetrachloride	7.01	117	11305	0.047	ppbv #	64
36) Benzene	6.88	78	135675	0.509	ppbv	96
37) 1,2-Dichloroethane	6.29	62	33043	0.188	ppbv #	94
39) 1,2-Dichloropropane	7.16	63	796410	7.515	ppbv #	24
41) Tetrahydrofuran	6.04	42	6593	0.061	ppbv #	1
44) 2,2,4-Trimethylpentane	7.85	57	1386892	2.976	ppbv	96
51) 2-Hexanone	10.05	43	9661	0.047	ppbv #	47
53) Toluene	9.79	91	925922	3.018	ppbv	99
58) Ethyl Benzene	12.69	91	226806	0.554	ppbv	97
59) m/p-Xylene	12.97	91	226794	0.629	ppbv #	33
60) o-Xylene	13.67	91	271117	0.800	ppbv	99
61) Styrene	13.51	104	63345	0.349	ppbv #	41
64) n-propylbenzene	15.54	120	6119	0.049	ppbv #	1
65) tert-Butylbenzene	16.74	119	23255	0.051	ppbv #	1
69) p-Isopropyltoluene	17.63	119	19503	0.037	ppbv #	47
73) 1,3,5-Trimethylbenzene	15.98	105	110062	0.307	ppbv	96
74) 1,2,4-Trimethylbenzene	16.74	105	208002	0.521	ppbv #	66
80) Naphthalene,2-methyl-	24.96	142	3730	0.033	ppbv #	81

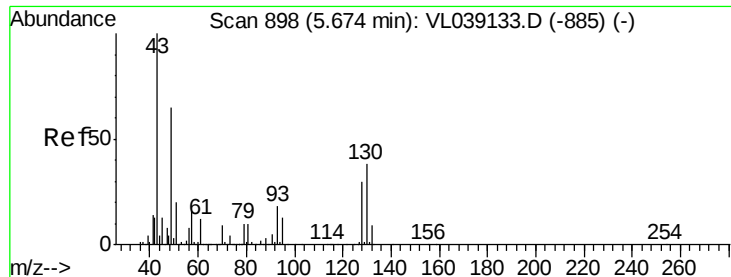
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 15 Jun 2022 19:14

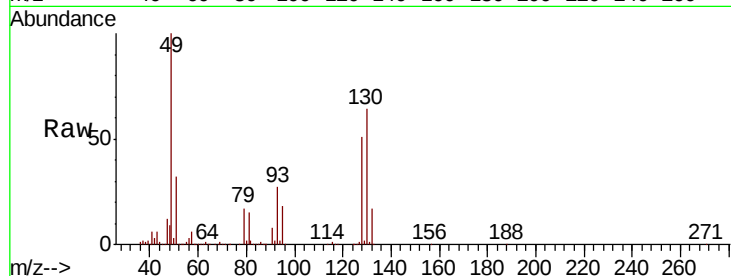
Tot Ion: 49 Resp: 1176631

Ion Ratio Lower Upper

49 100

128 52.8 24.7 74.1

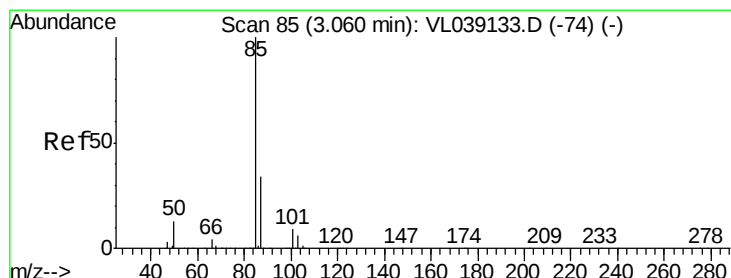
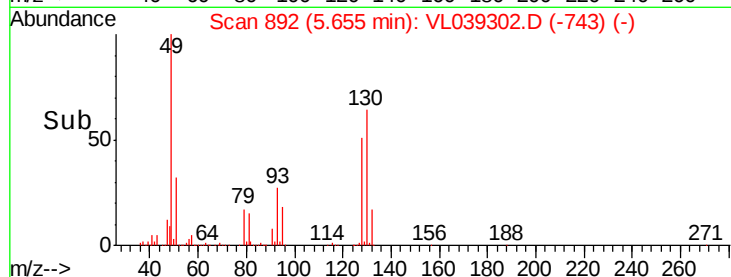
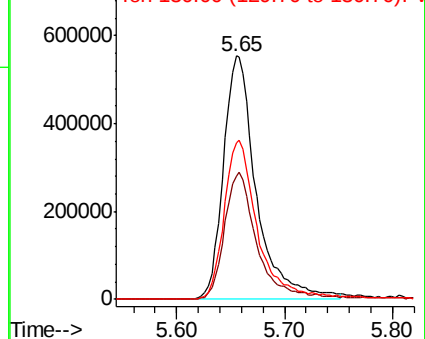
130 68.2 31.4 94.0



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: 0.242 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.02 min

Lab File: VL039302.D

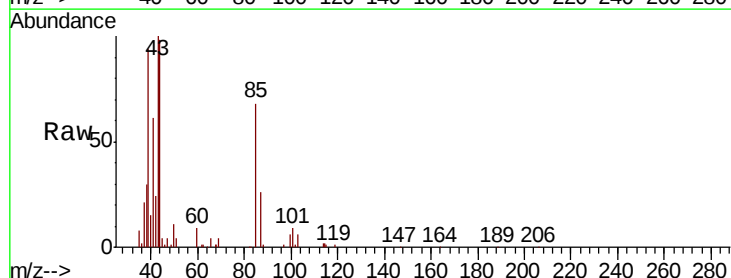
Acq: 15 Jun 2022 19:14

Tgt Ion: 85 Resp: 50068

Ion Ratio Lower Upper

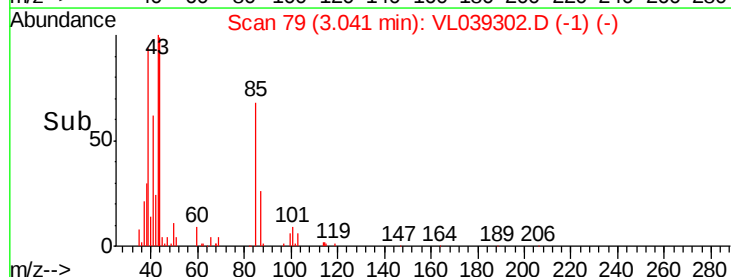
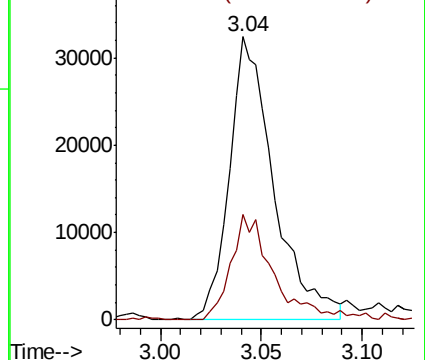
85 100

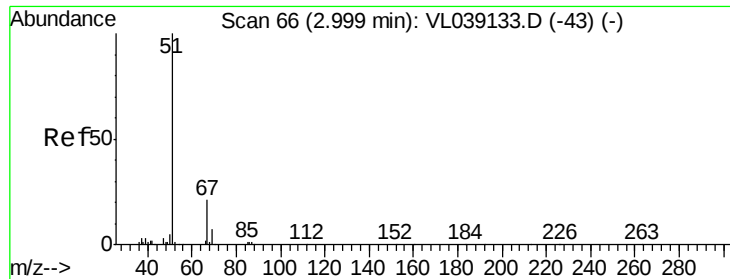
87 37.4 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

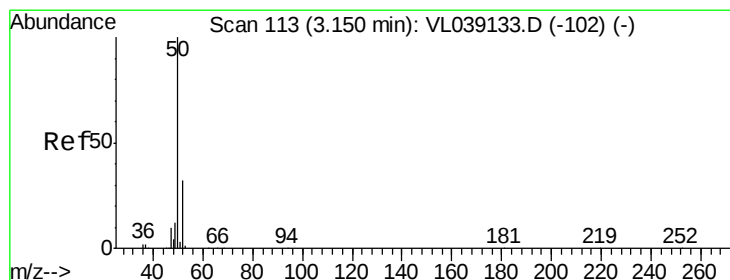
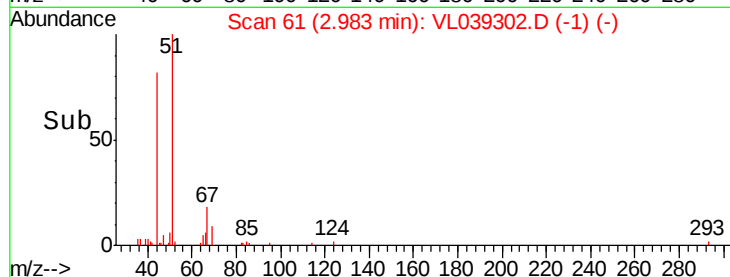
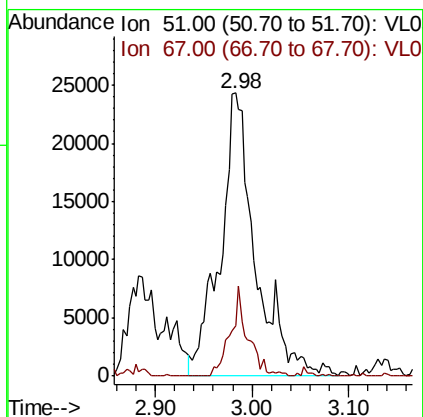
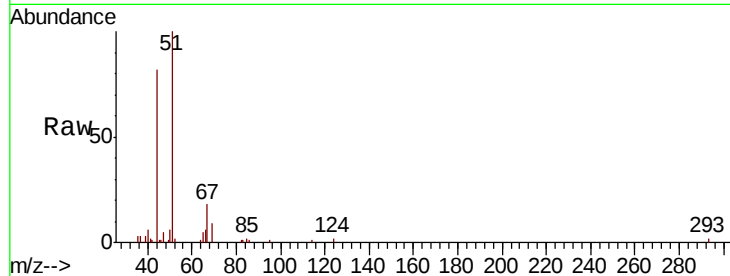
Ion 87.00 (86.70 to 87.70): VL0





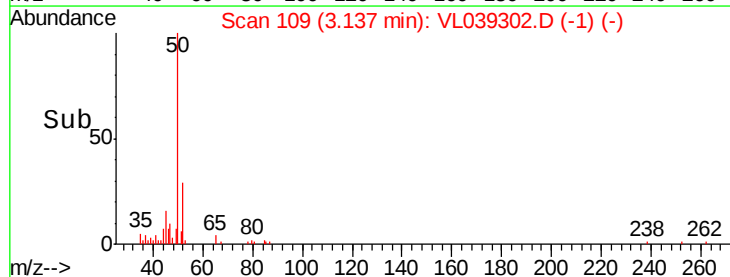
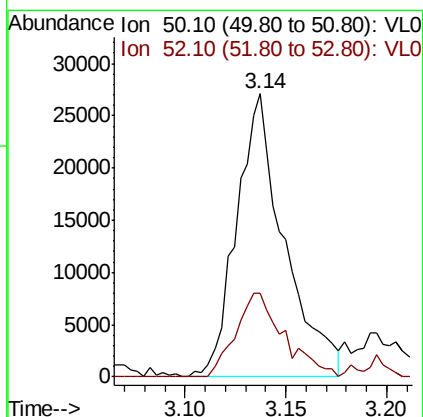
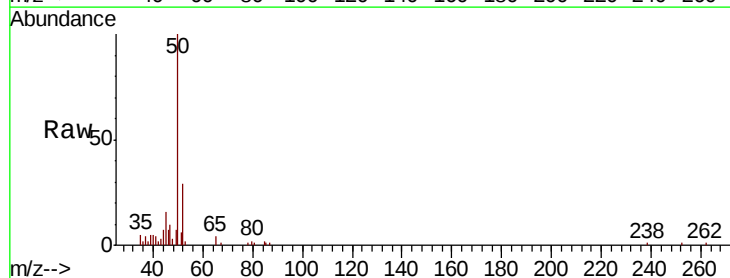
#3
Chlorodifluoromethane
Concen: 0.410 ppbv
RT: 2.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 15 Jun 2022 19:14

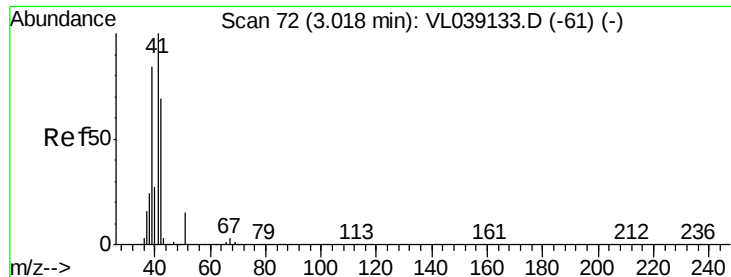
Tot Ion: 51 Resp: 61428
Ion Ratio Lower Upper
51 100
67 15.8 16.2 24.4#



#4
Chloromethane
Concen: 0.582 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL039302.D
Acq: 15 Jun 2022 19:14

Tgt Ion: 50 Resp: 44719
Ion Ratio Lower Upper
50 100
52 29.4 25.9 38.9





#9

Propene

Concen: 2.867 ppbv

RT: 3.20 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

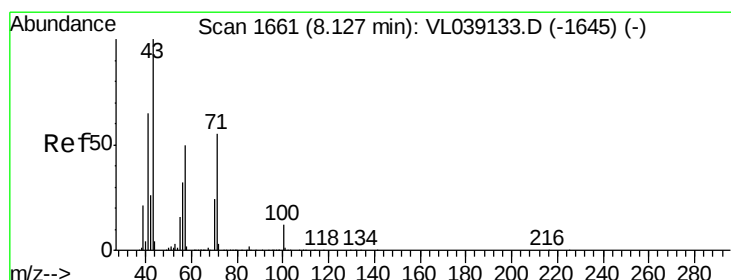
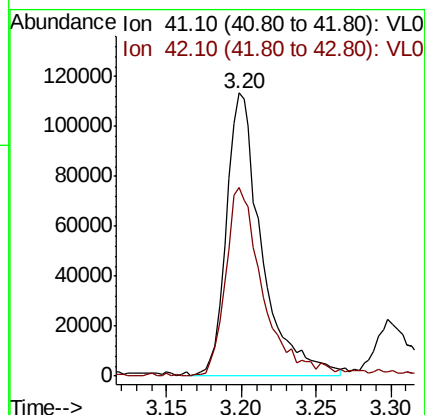
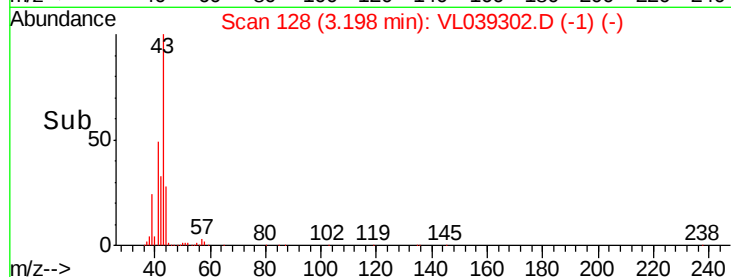
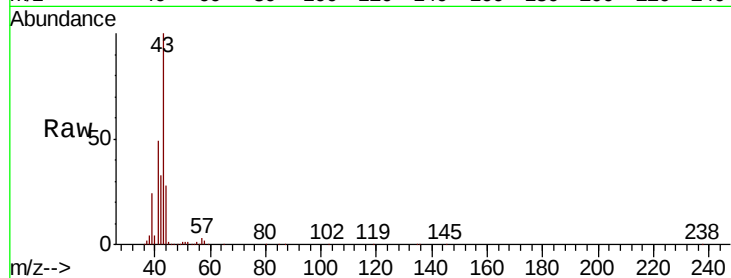
Acq: 15 Jun 2022 19:14

Tot Ion: 41 Resp: 187177

Ion Ratio Lower Upper

41 100

42 71.1 55.4 83.2



#10

Heptane

Concen: 0.588 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VL039302.D

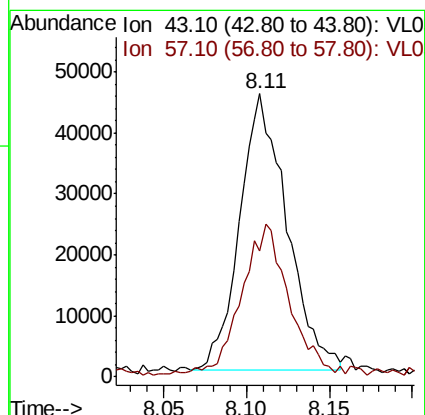
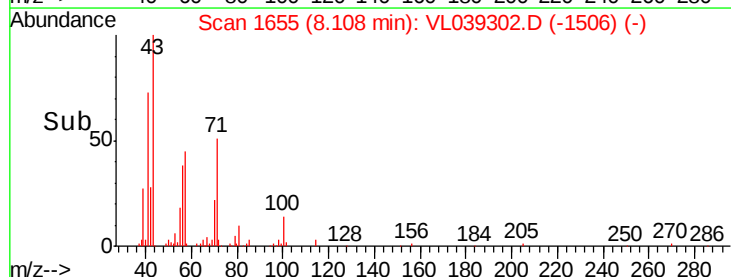
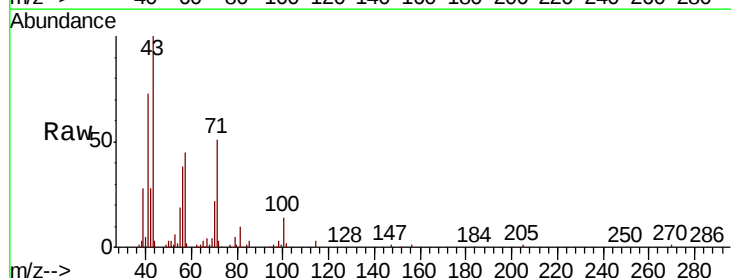
Acq: 15 Jun 2022 19:14

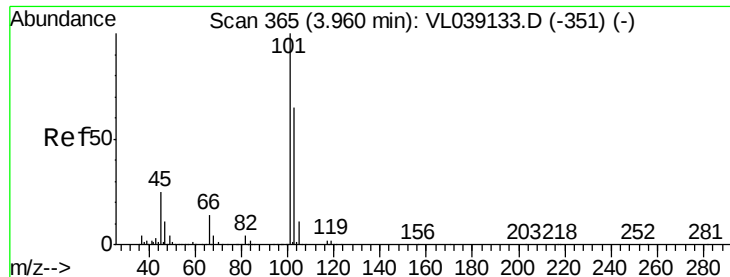
Tgt Ion: 43 Resp: 89472

Ion Ratio Lower Upper

43 100

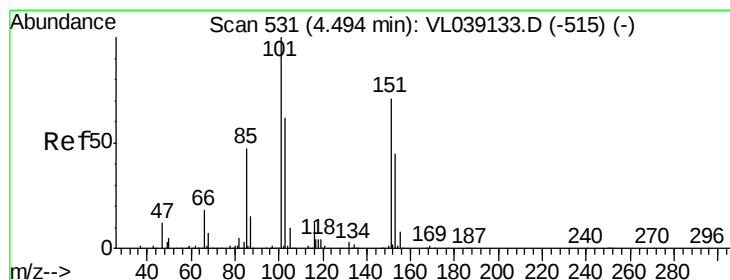
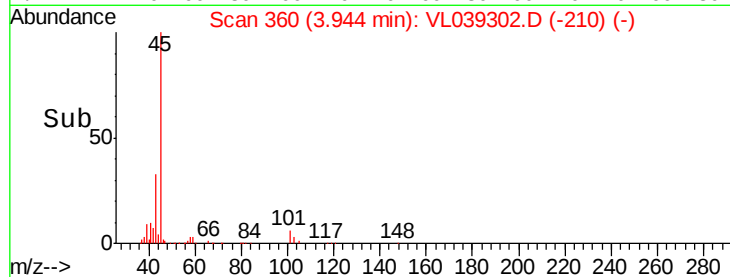
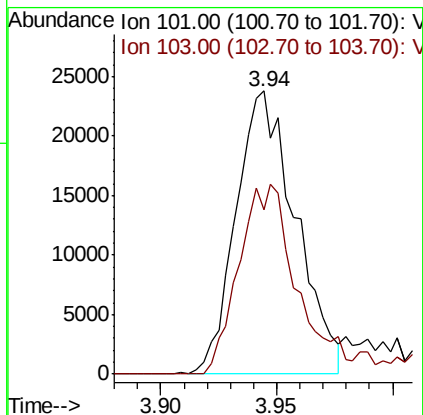
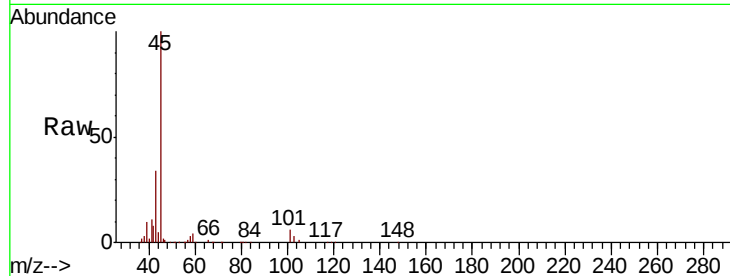
57 54.9 41.4 62.2





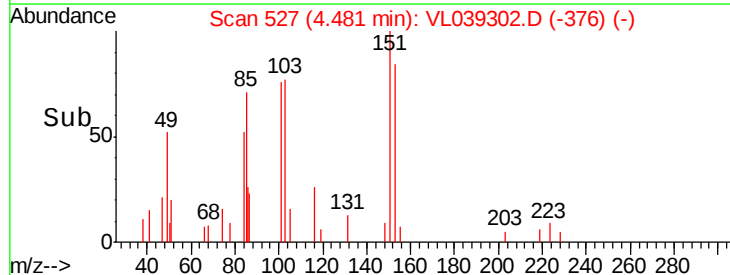
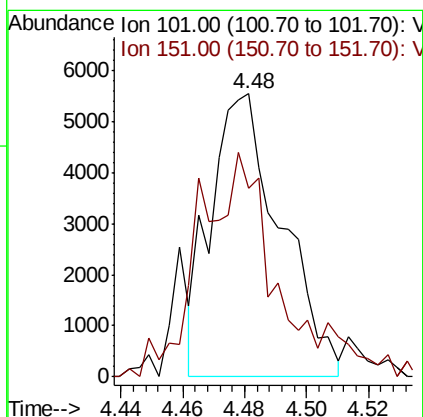
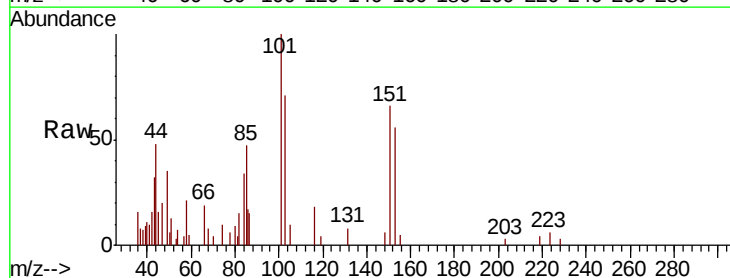
#11
 Trichlorofluoromethane
 Concen: 0.226 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Jun 2022 19:14

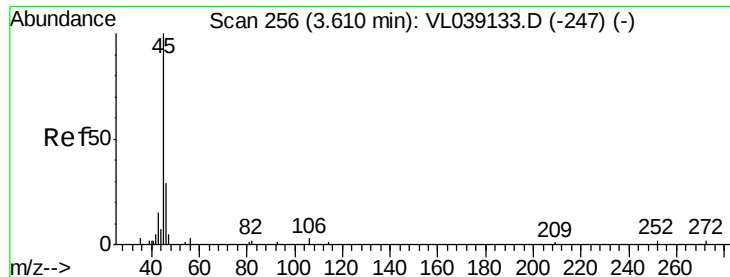
Tot Ion:101 Resp: 42340
 Ion Ratio Lower Upper
 101 100
 103 58.3 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.071 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VL039302.D
 Acq: 15 Jun 2022 19:14

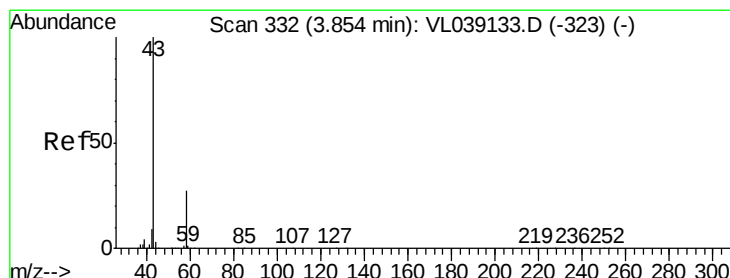
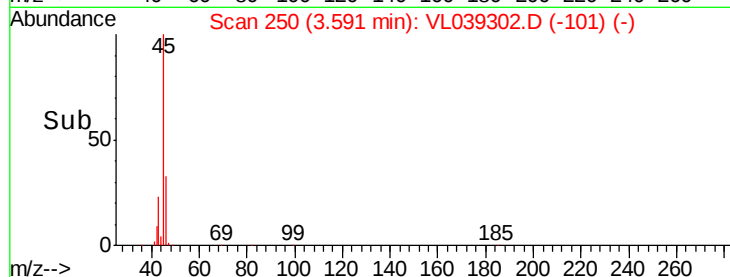
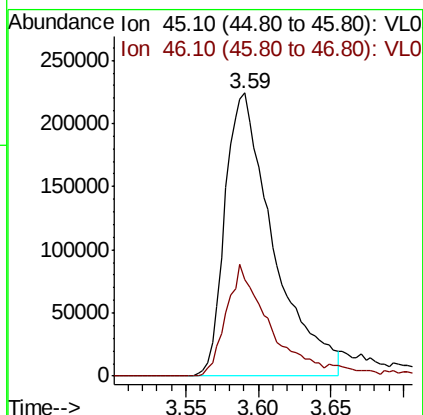
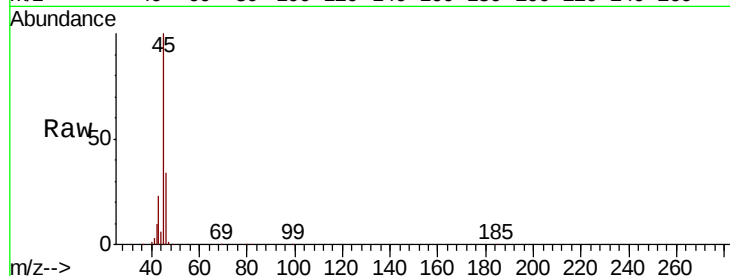
Tgt Ion:101 Resp: 8753
 Ion Ratio Lower Upper
 101 100
 151 91.5 59.4 89.0#





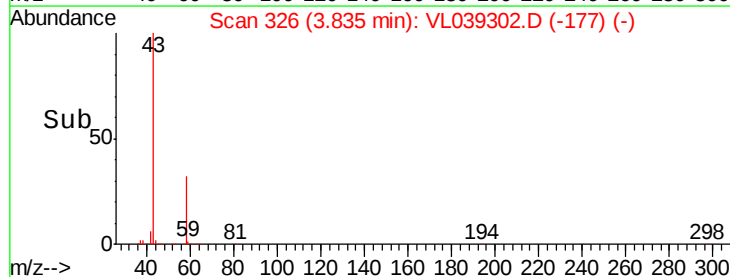
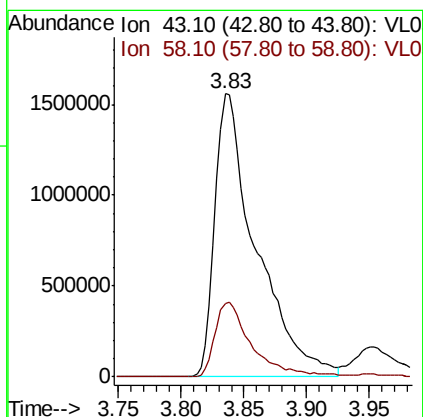
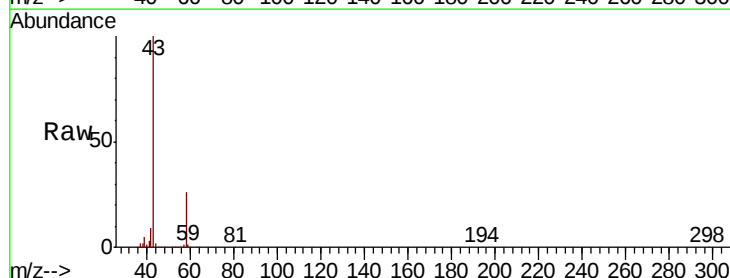
#13
Ethanol
Concen: 146.302 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 15 Jun 2022 19:14

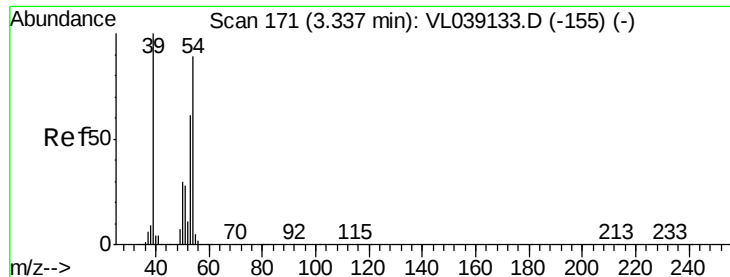
Tot Ion: 45 Resp: 520849
Ion Ratio Lower Upper
45 100
46 38.9 0.0 0.0#



#15
Acetone
Concen: 29.036 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL039302.D
Acq: 15 Jun 2022 19:14

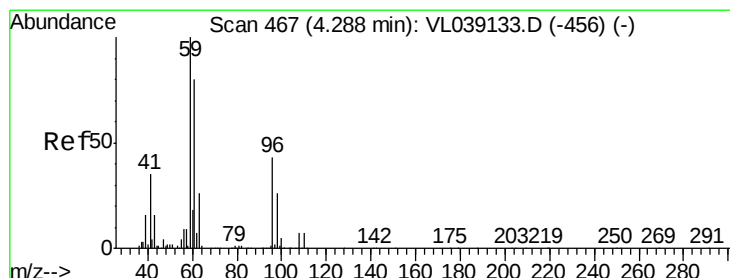
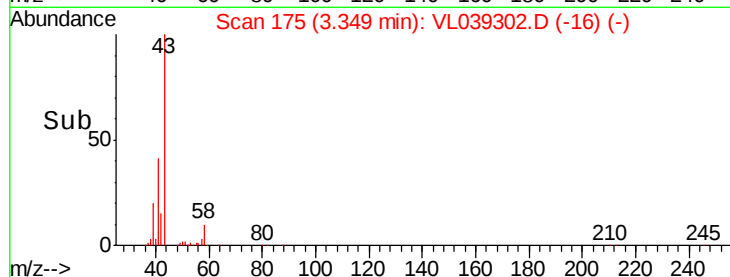
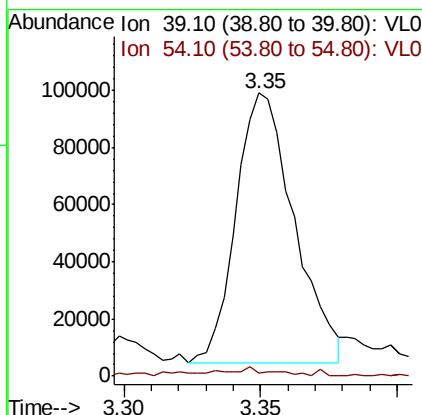
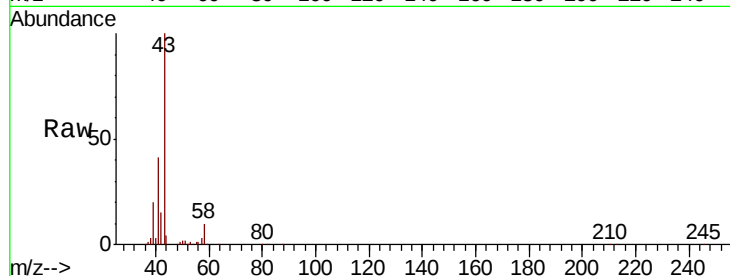
Tgt Ion: 43 Resp: 3558870
Ion Ratio Lower Upper
43 100
58 23.5 22.5 33.7





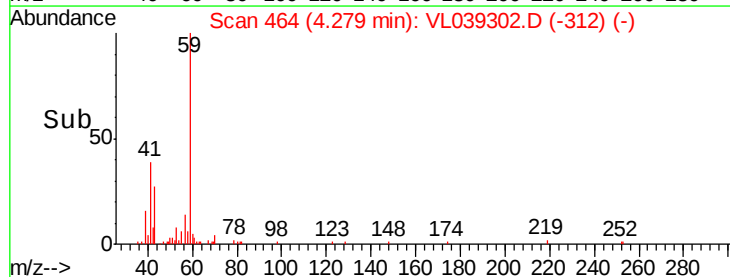
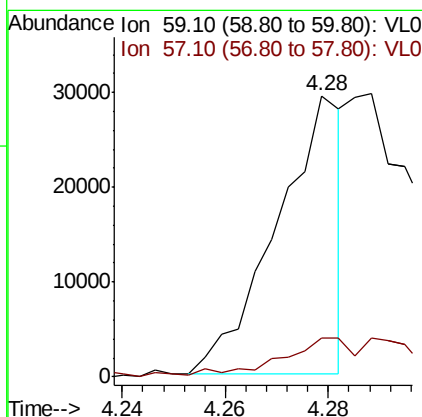
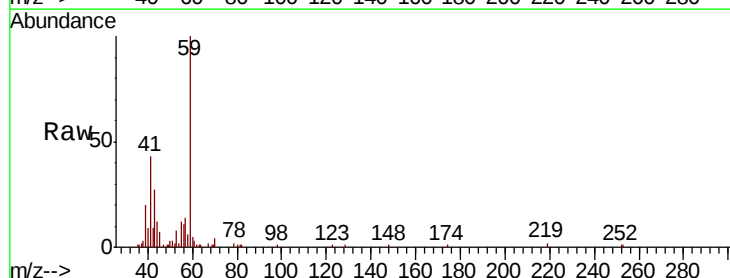
#16
 1,3-Butadiene
 Concen: 2.115 ppbv
 RT: 3.35
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Jun 2022 19:14

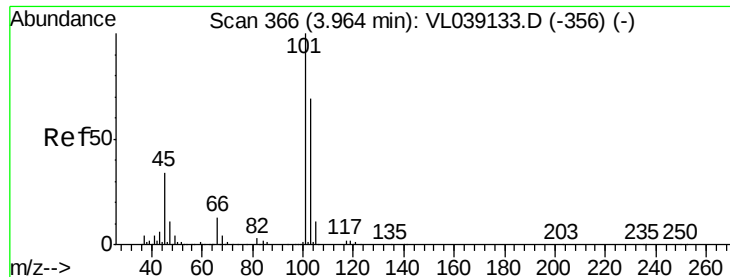
Tot Ion: 39 Resp: 139374
 Ion Ratio Lower Upper
 39 100
 54 4.7 65.8 98.6#



#17
 tert-Butyl alcohol
 Concen: 0.273 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: VL039302.D
 Acq: 15 Jun 2022 19:14

Tgt Ion: 59 Resp: 25977
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7#





#19

Isopropyl Alcohol

Concen: 21.241 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

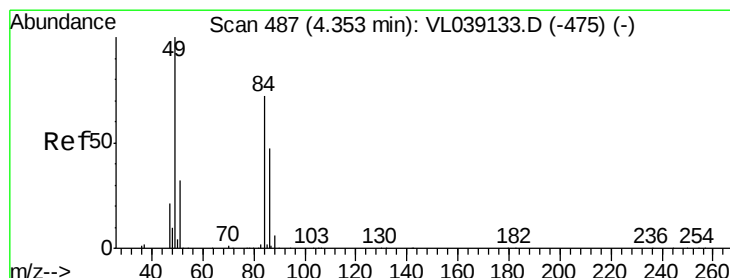
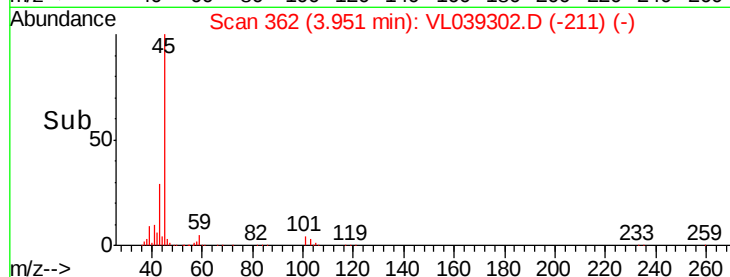
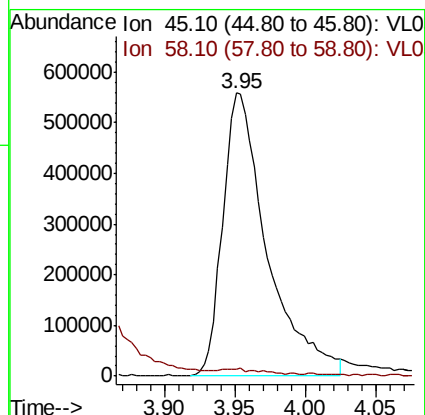
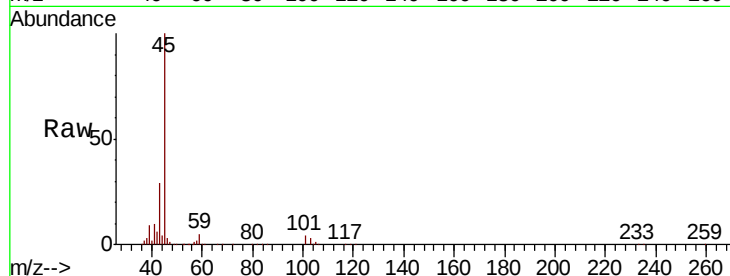
Acq: 15 Jun 2022 19:14

Tot Ion: 45 Resp: 1221061

Ion Ratio Lower Upper

45 100

58 3.5 1.8 2.8#



#20

Methylene Chloride

Concen: 4.817 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.02 min

Lab File: VL039302.D

Acq: 15 Jun 2022 19:14

Tgt Ion: 84 Resp: 248804

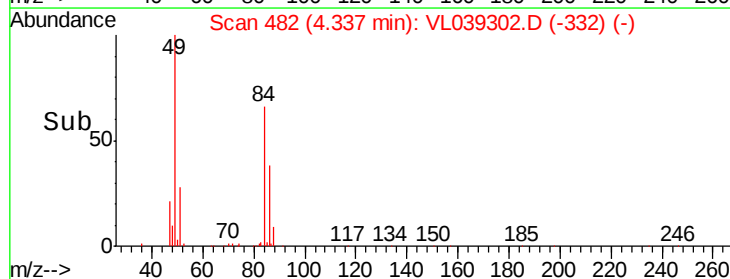
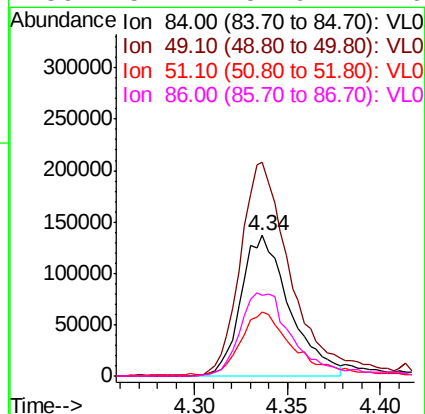
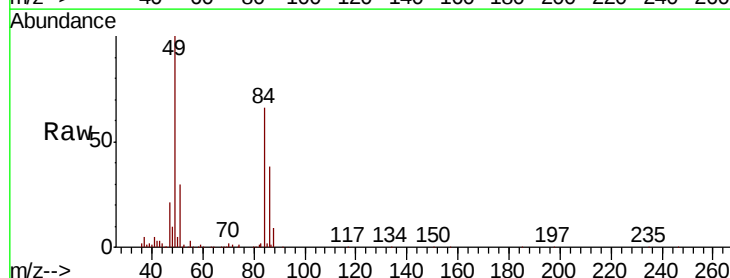
Ion Ratio Lower Upper

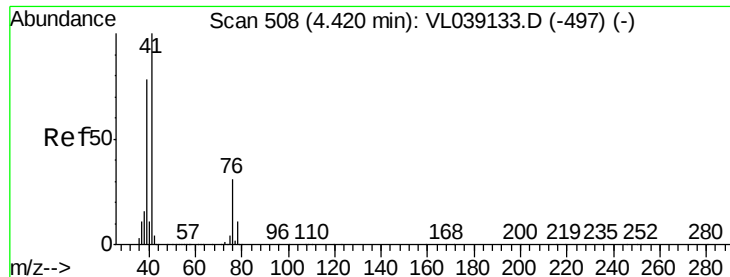
84 100

49 151.0 111.1 166.7

51 44.0 35.3 52.9

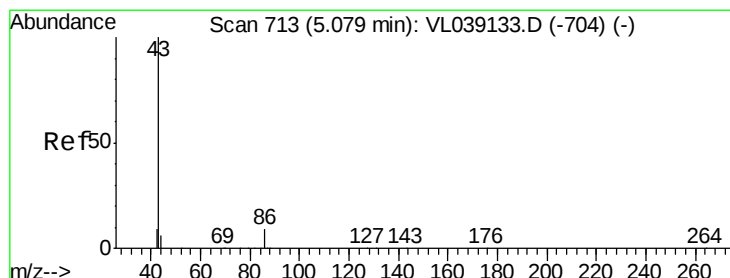
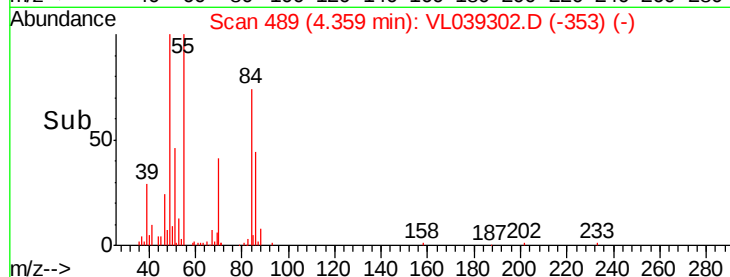
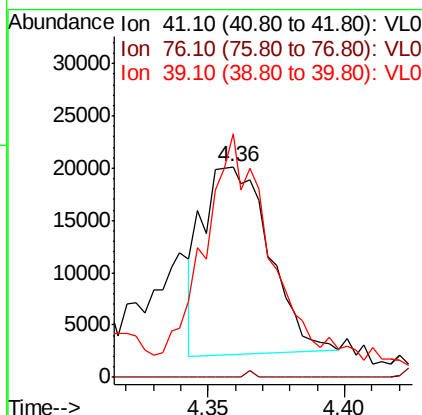
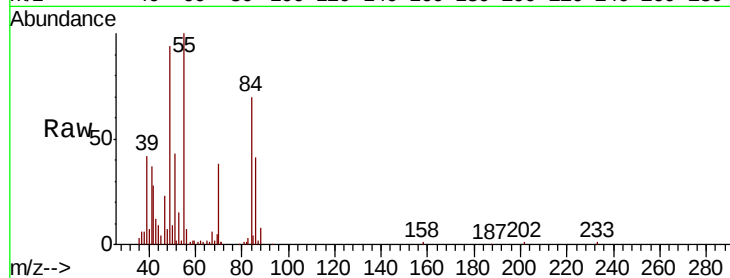
86 57.4 51.9 77.9





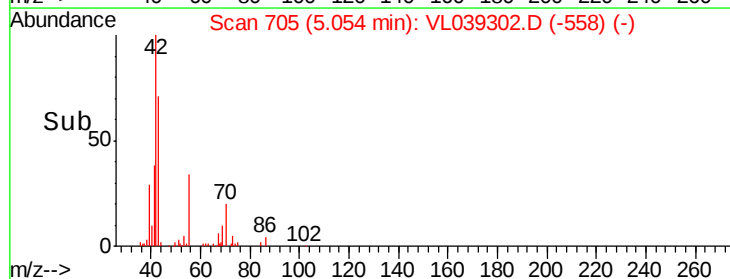
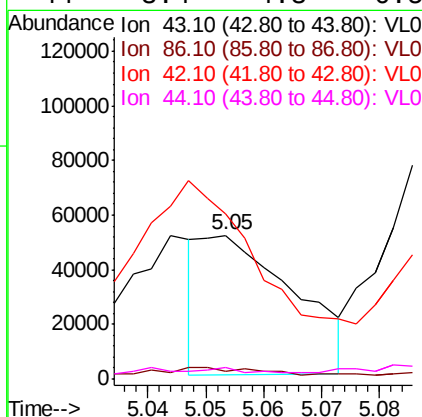
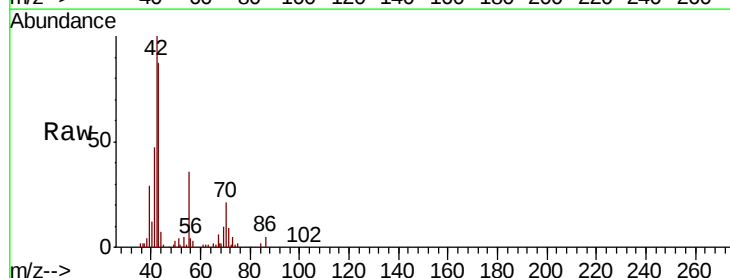
#21
Allvl Chloride
Concen: 0.367 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 15 Jun 2022 19:14

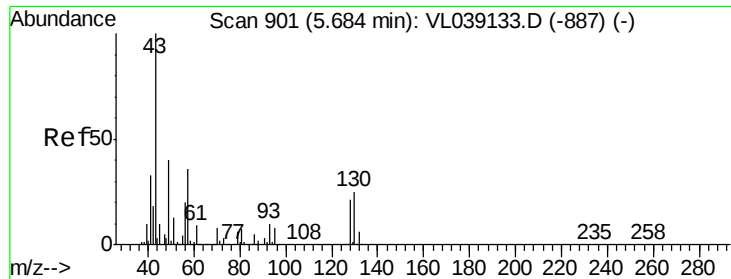
Tot Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	151.5	62.2	93.2#



#23
Vinyl Acetate
Concen: 0.557 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.03 min
Lab File: VL039302.D
Acq: 15 Jun 2022 19:14

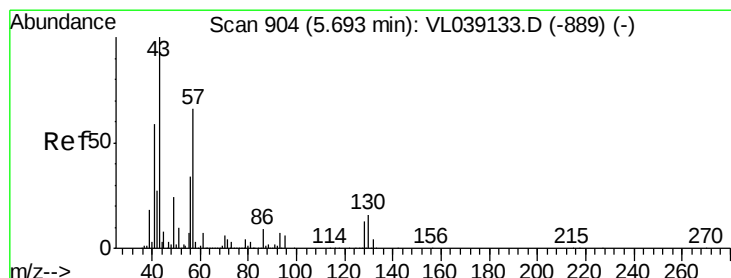
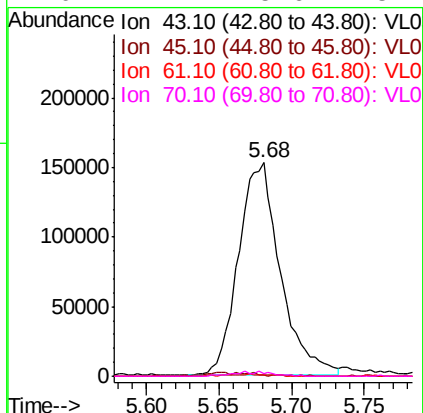
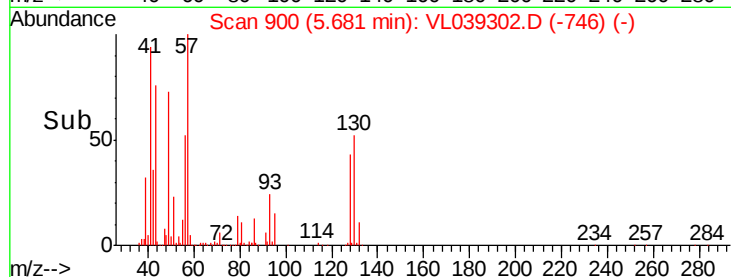
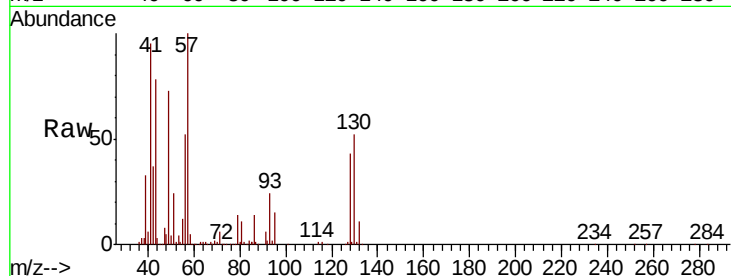
Tgt Ion	Ratio	Lower	Upper
43	100		
86	2.3	6.0	9.0#
42	127.2	8.2	12.4#
44	3.4	4.3	6.5#





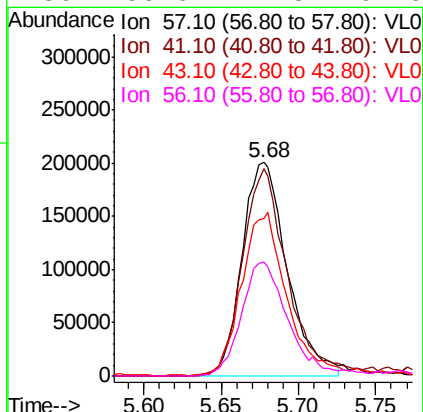
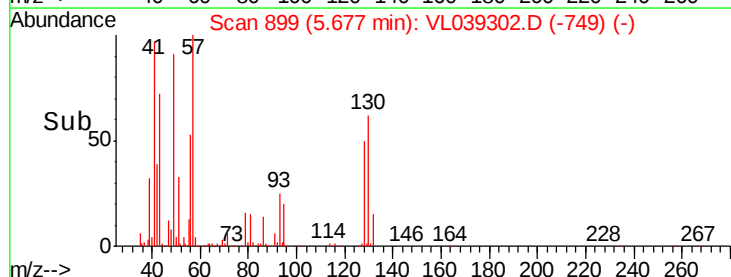
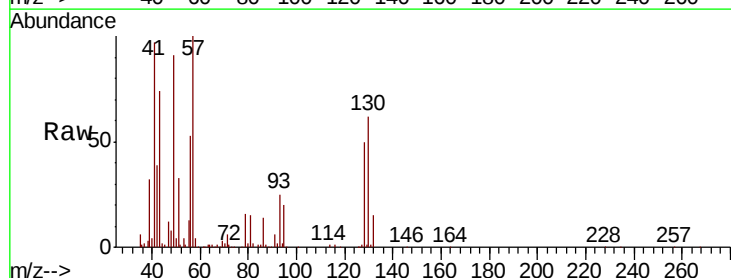
#25
Ethyl Acetate
Concen: 1.119 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 15 Jun 2022 19:14

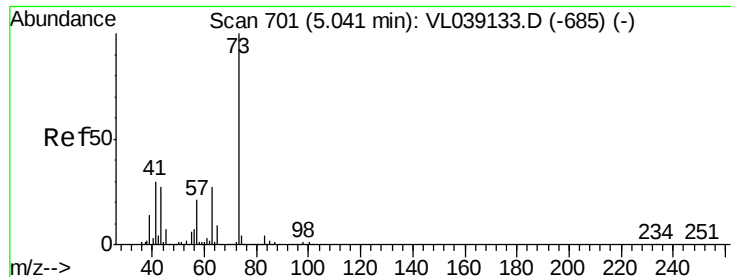
Tot Ion:	43	Resp:	309164
Ion	Ratio	Lower	Upper
43	100		
45	2.3	8.2	12.2#
61	0.9	8.4	12.6#
70	2.2	5.6	8.4#



#26
Hexane
Concen: 3.357 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL039302.D
Acq: 15 Jun 2022 19:14

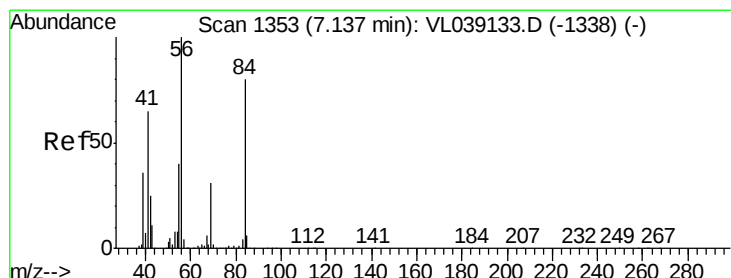
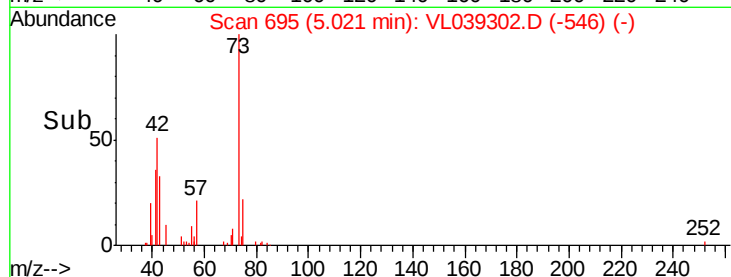
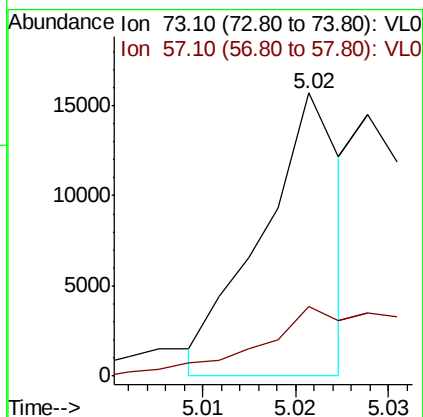
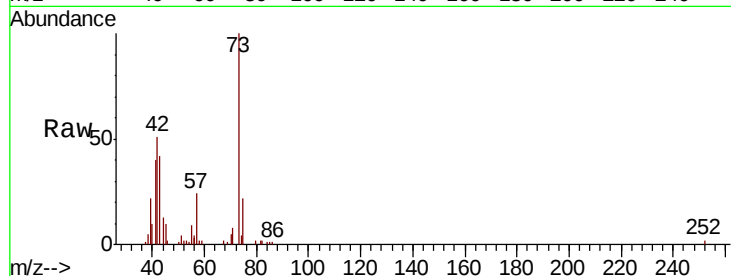
Tgt Ion:	57	Resp:	407578
Ion	Ratio	Lower	Upper
57	100		
41	101.1	72.4	108.6
43	77.8	187.0	280.6#
56	55.6	41.8	62.6





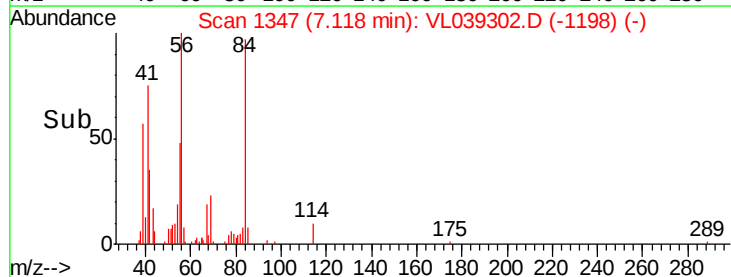
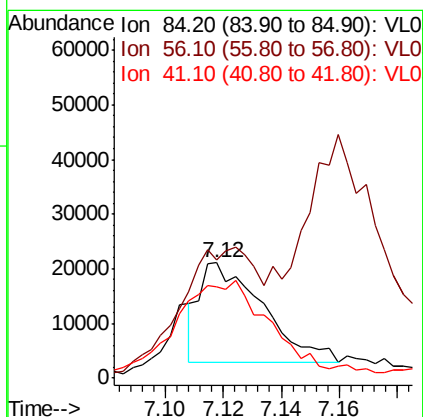
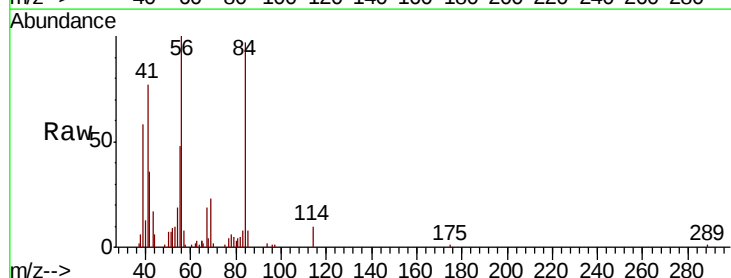
#28
Methvl tert-Butvl Ether
Concen: 0.069 ppbv
RT: 5.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 15 Jun 2022 19:14

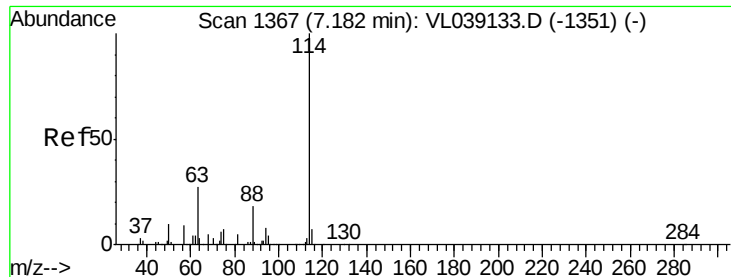
Tot Ion: 73 Resp: 9297
Ion Ratio Lower Upper
73 100
57 87.6 18.6 27.8#



#30
Cyclohexane
Concen: 0.270 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL039302.D
Acq: 15 Jun 2022 19:14

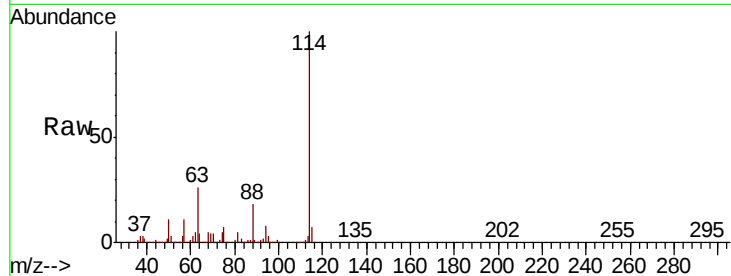
Tgt Ion: 84 Resp: 27530
Ion Ratio Lower Upper
84 100
56 166.7 110.6 165.8#
41 149.2 68.9 103.3#



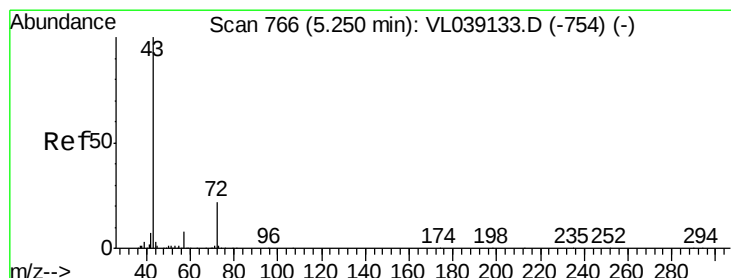
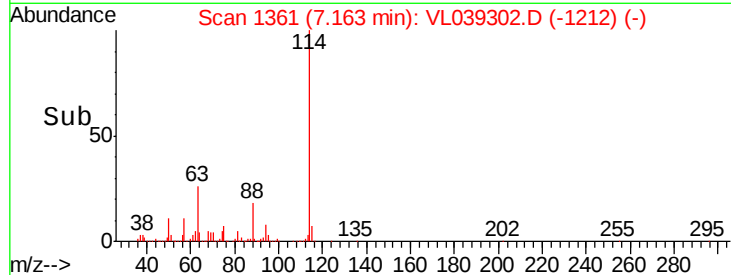
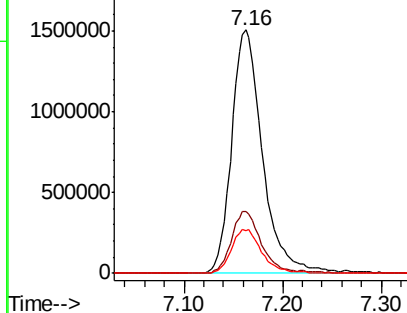


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Jun 2022 19:14

Tot Ion:114 Resp: 3281690
 Ion Ratio Lower Upper
 114 100
 63 25.3 21.7 32.5
 88 18.2 14.8 22.2

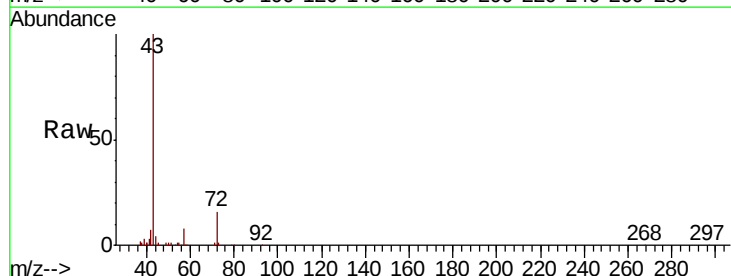


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

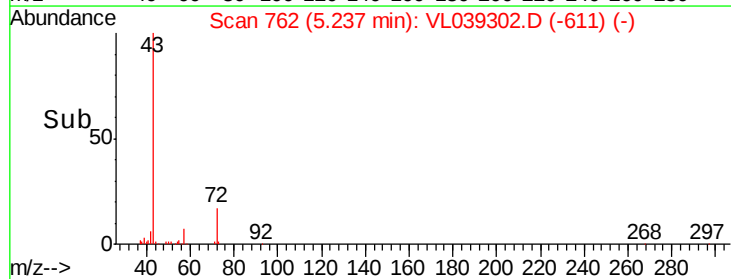
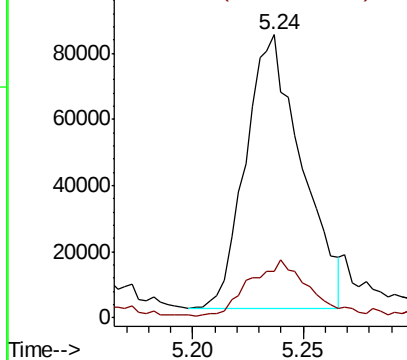


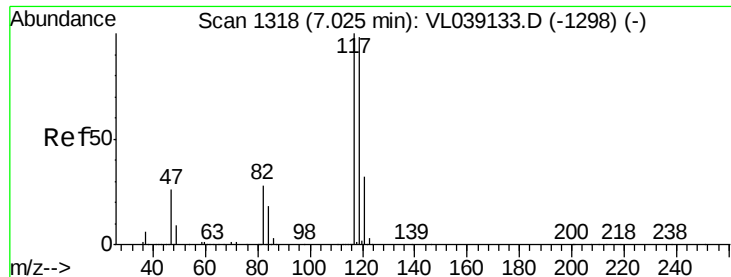
#34
 2-Butanone
 Concen: 0.821 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL039302.D
 Acq: 15 Jun 2022 19:14

Tgt Ion: 43 Resp: 146402
 Ion Ratio Lower Upper
 43 100
 72 25.1 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: 0.047 ppbv

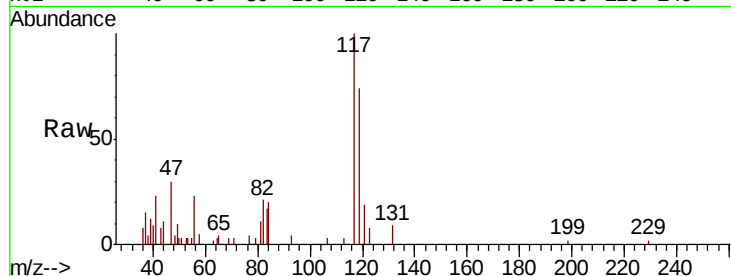
RT: 7.01 Instrument:

Delta R.T. MSVOA_L

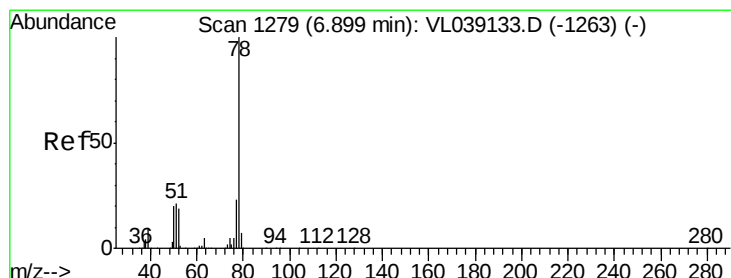
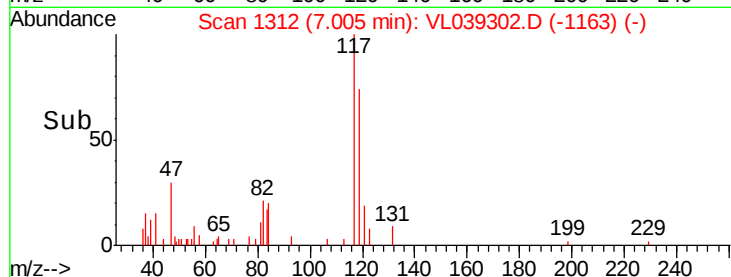
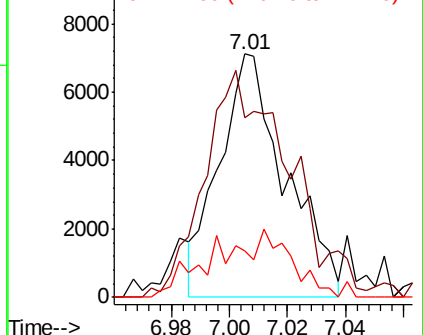
Lab File: ClientSampleId:

Acq: 15 Jun 2022 19:14

Tot Ion:117	Resp:	11305
Ion Ratio	Lower	Upper
117	100	
119	58.3	78.6 118.0#
121	20.3	25.4 38.0#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.509 ppbv

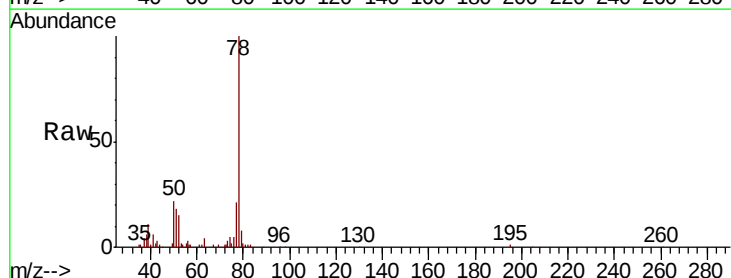
RT: 6.88 min Scan# 1272

Delta R.T. -0.02 min

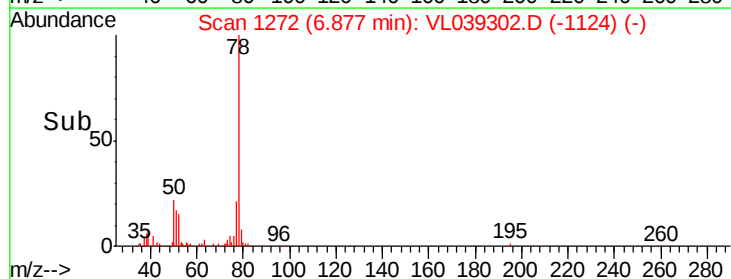
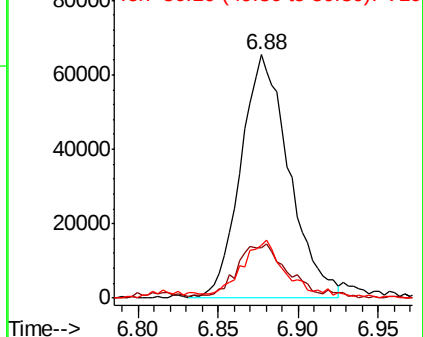
Lab File: VL039302.D

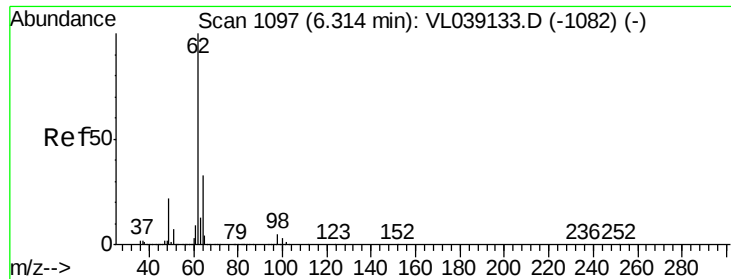
Acq: 15 Jun 2022 19:14

Tgt Ion: 78	Resp:	135675
Ion Ratio	Lower	Upper
78	100	
77	20.0	18.6 27.8
50	19.6	15.8 23.8



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 0.188 ppbv

RT: 6.29 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: IA1

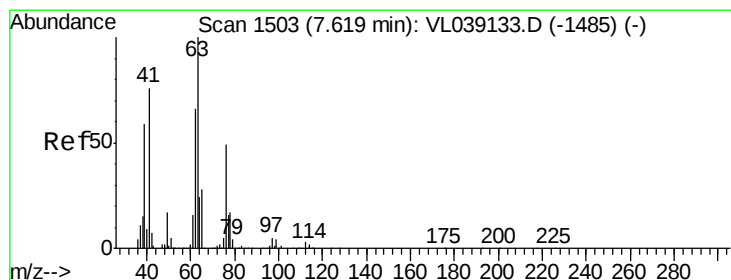
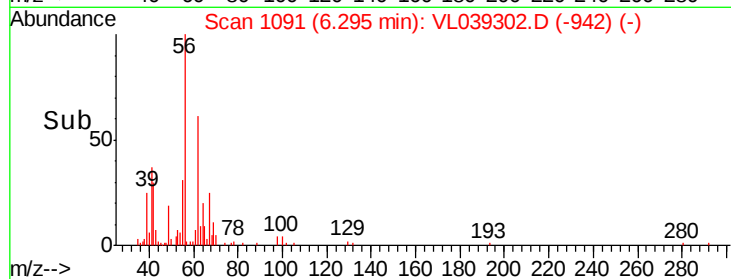
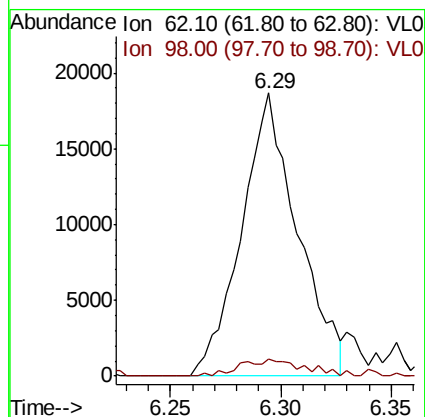
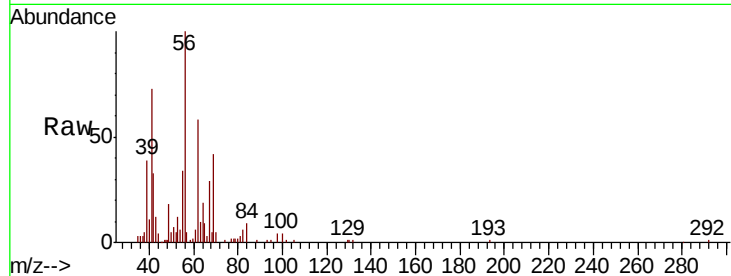
Acq: 15 Jun 2022 19:14

Tot Ion: 62 Resp: 33043

Ion Ratio Lower Upper

62 100

98 7.4 4.3 6.5#



#39

1,2-Dichloropropane

Concen: 7.515 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.46 min

Lab File: VL039302.D

Acq: 15 Jun 2022 19:14

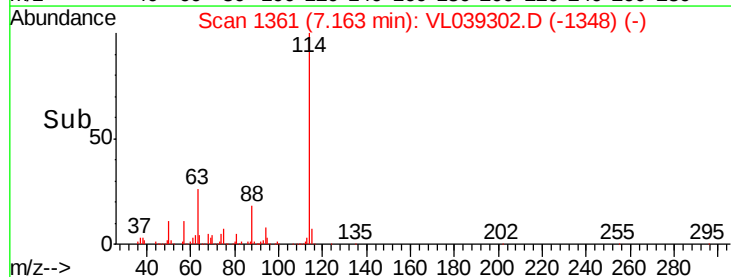
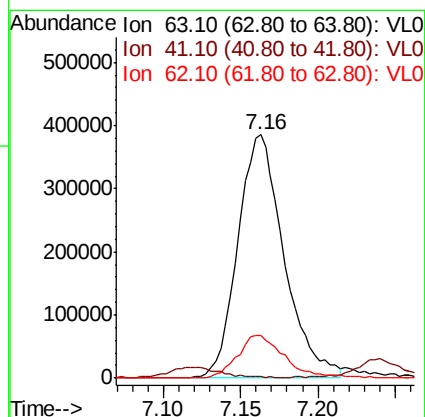
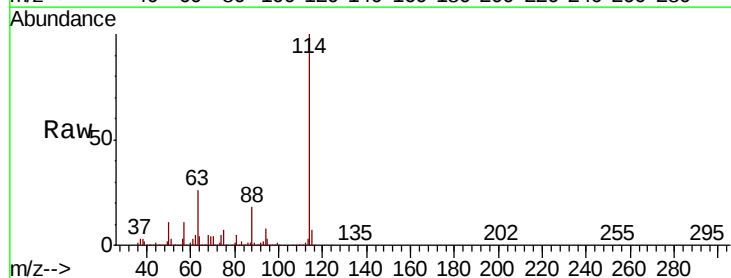
Tgt Ion: 63 Resp: 796410

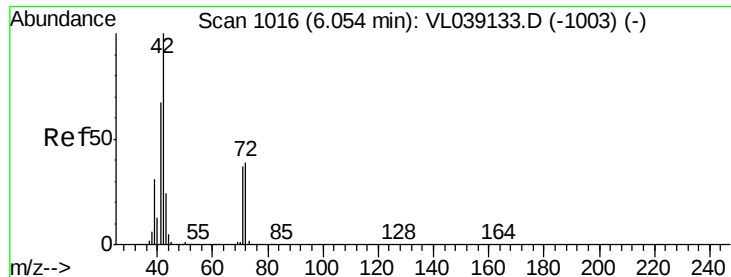
Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

62 17.5 52.9 79.3#





#41

Tetrahydrofuran

Concen: 0.061 ppbv

RT: 6.04 Instrument:

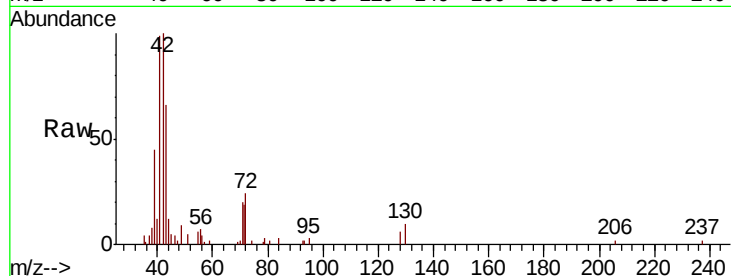
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

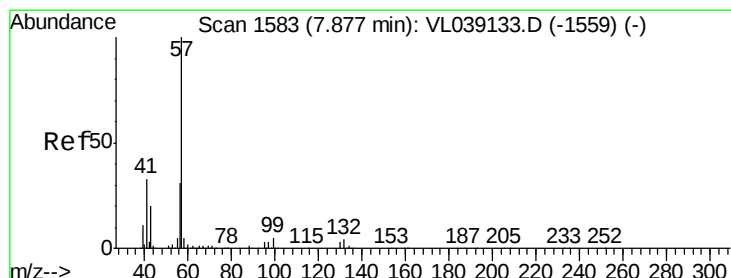
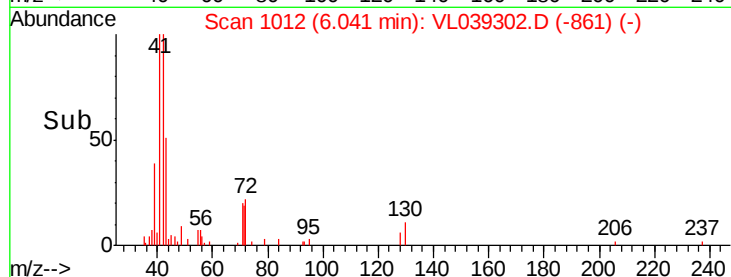
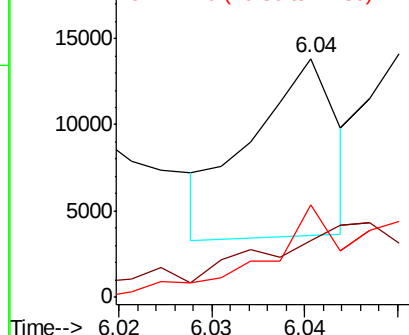
Acq: 15 Jun 2022 19:14

Tot Ion: 42 Resp: 6593

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	156.1	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



#44

2,2,4-Trimethylpentane

Concen: 2.976 ppbv

RT: 7.85 min Scan# 1576

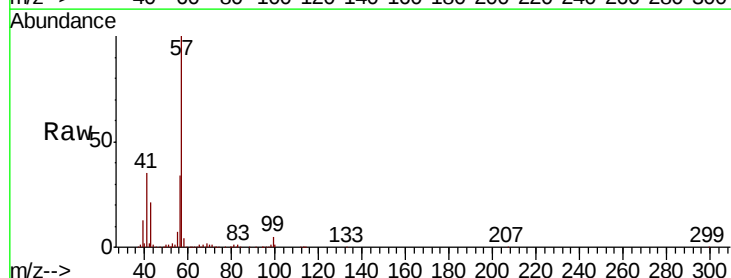
Delta R.T. -0.02 min

Lab File: VL039302.D

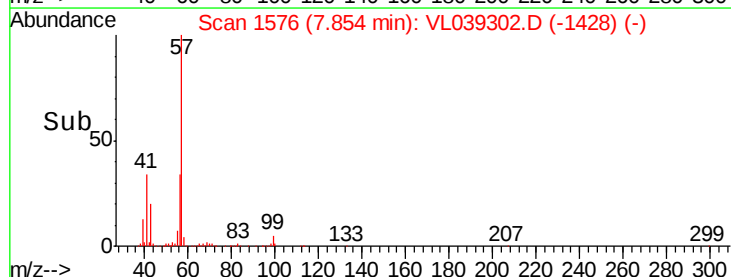
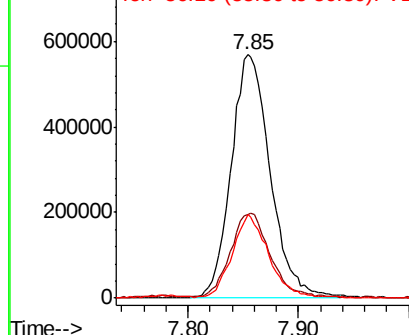
Acq: 15 Jun 2022 19:14

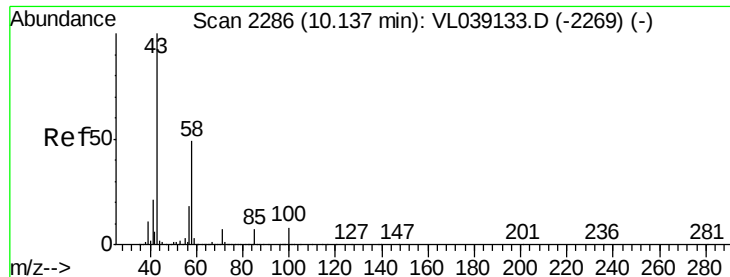
Tgt Ion: 57 Resp: 1386892

Ion	Ratio	Lower	Upper
57	100		
41	35.3	26.2	39.4
56	32.5	24.7	37.1



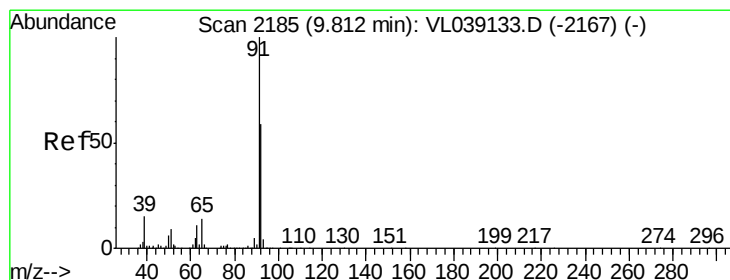
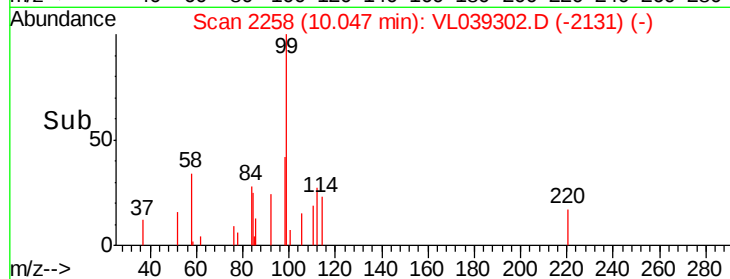
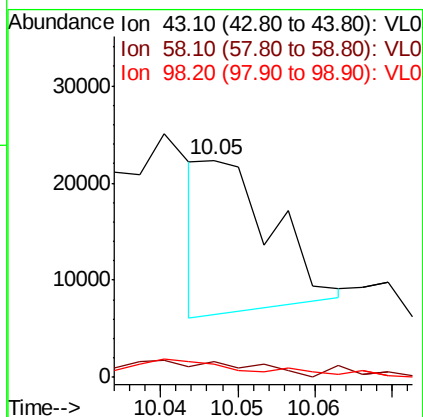
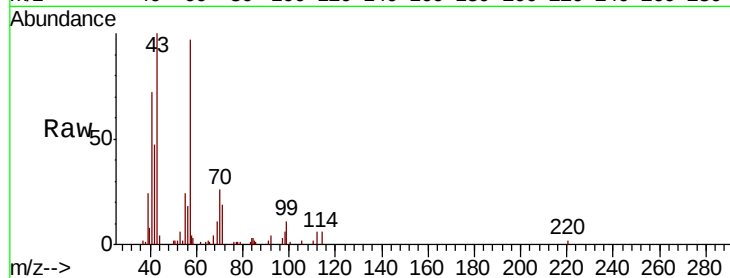
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





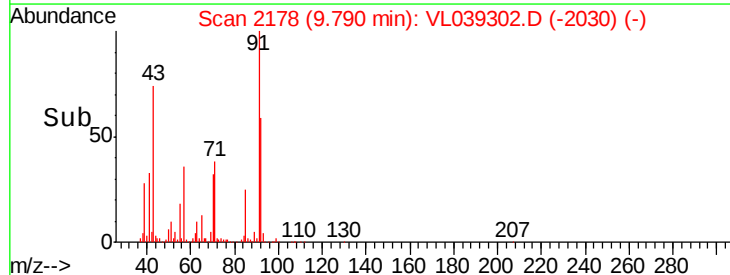
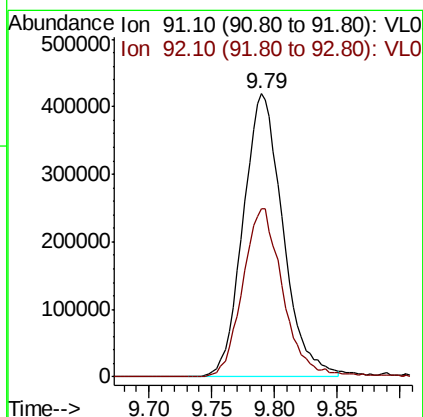
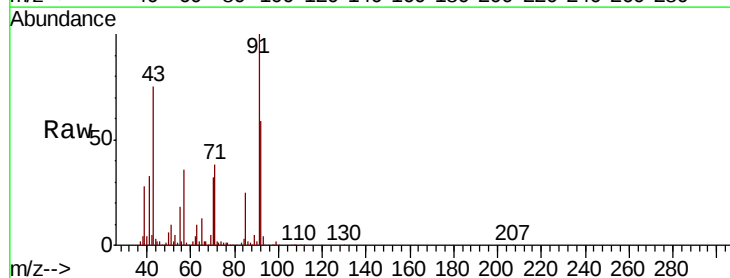
#51
 2-Hexanone
 Concen: 0.047 ppbv
 RT: 10.05
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Jun 2022 19:14

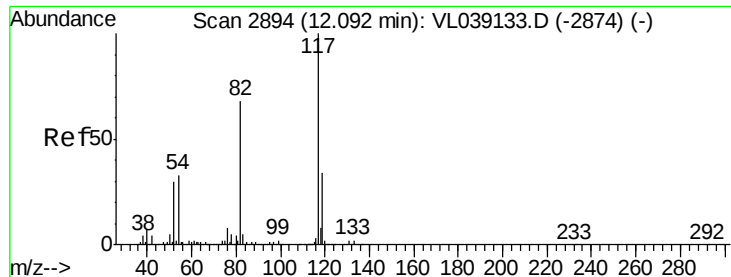
Tot Ion:	43	Resp:	9661
Ion	Ratio	Lower	Upper
43	100		
58	86.3	40.0	60.0#
98	1.6	0.1	0.1#



#53
 Toluene
 Concen: 3.018 ppbv
 RT: 9.79 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: VL039302.D
 Acq: 15 Jun 2022 19:14

Tgt Ion:	91	Resp:	925922
Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.1	72.1

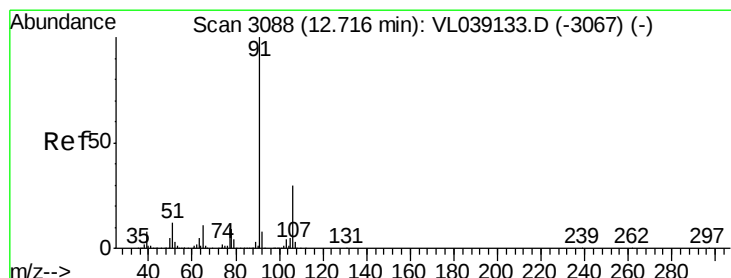
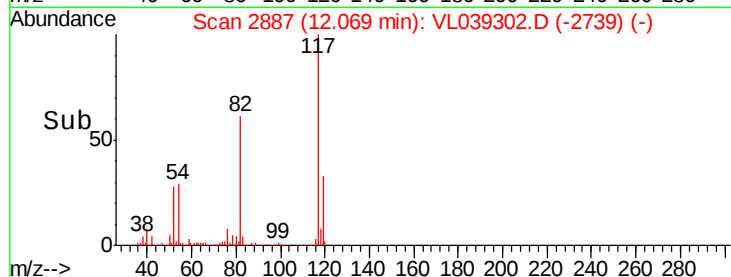
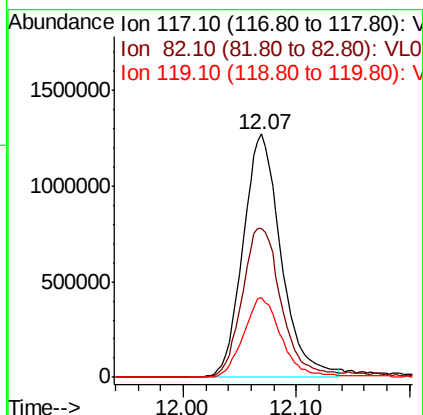
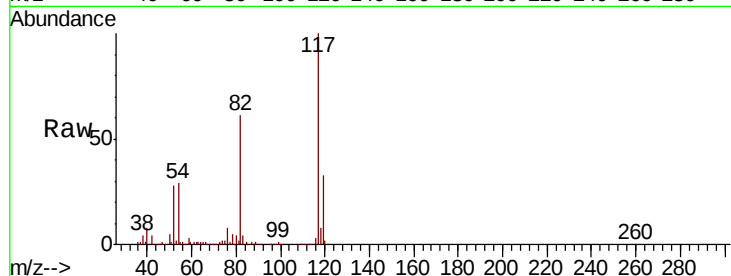




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 15 Jun 2022 19:14

Tot Ion: 117 Resp: 2971429

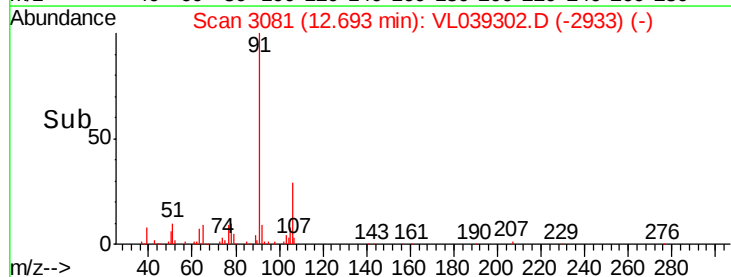
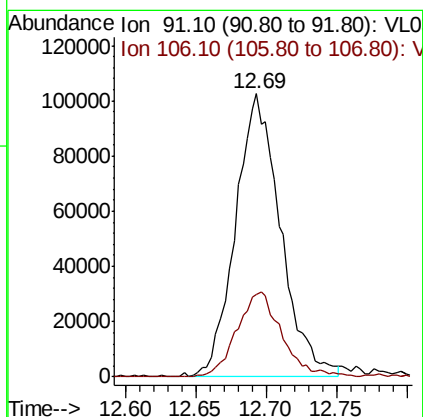
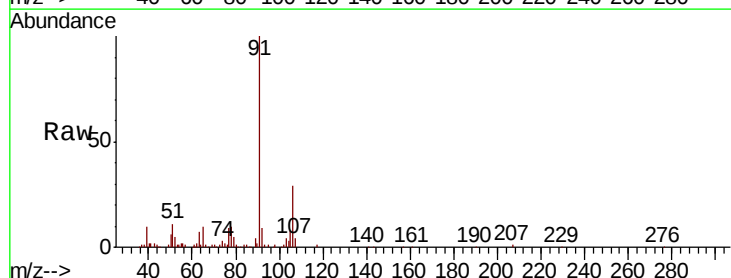
Ion	Ratio	Lower	Upper
117	100		
82	66.8	55.1	82.7
119	34.1	24.7	37.1

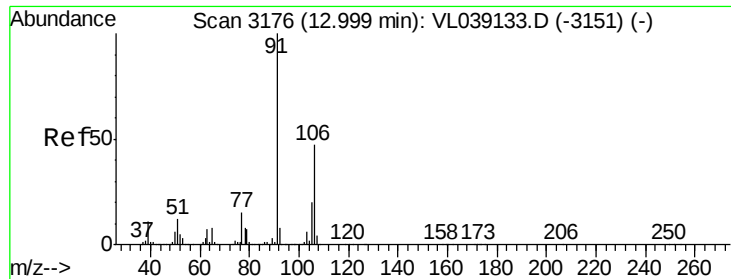


#58
Ethyl Benzene
Concen: 0.554 ppbv
RT: 12.69 min Scan# 3081
Delta R.T.: -0.02 min
Lab File: VL039302.D
Acq: 15 Jun 2022 19:14

Tgt Ion: 91 Resp: 226806

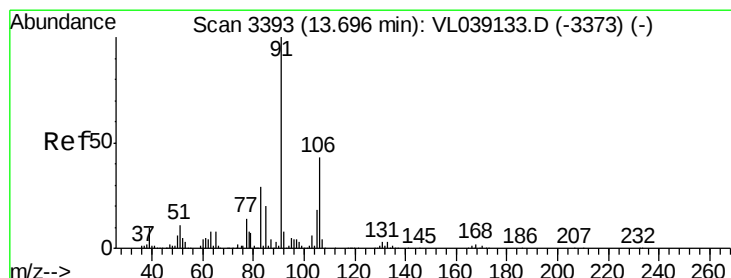
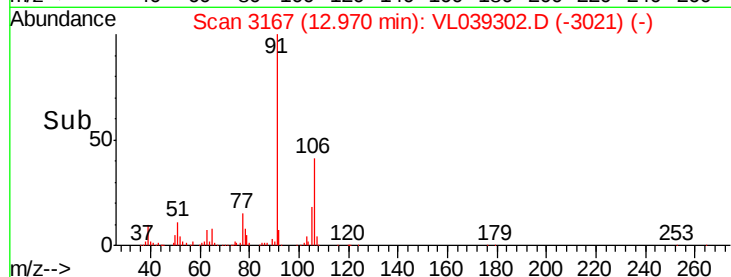
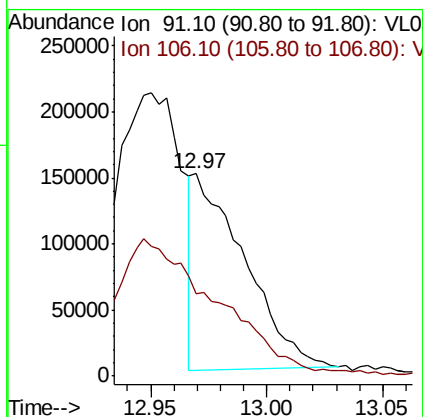
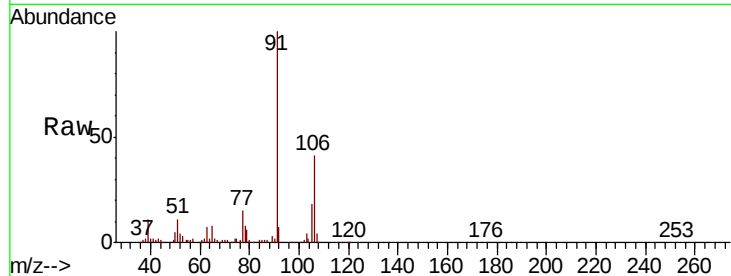
Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.2	36.4





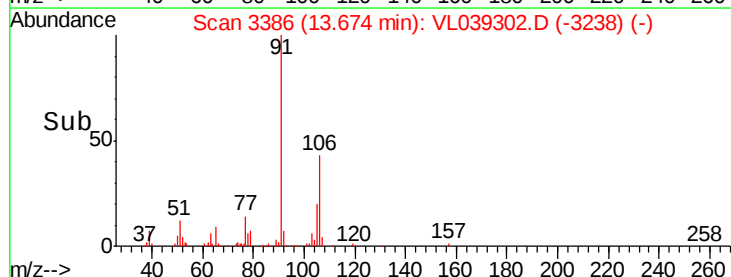
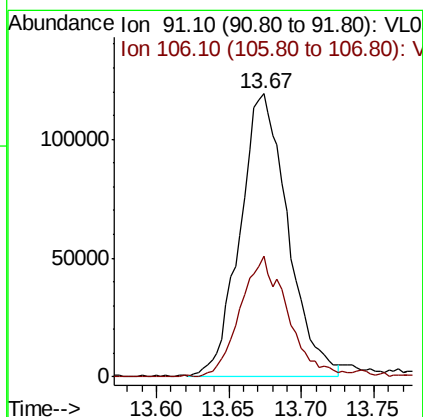
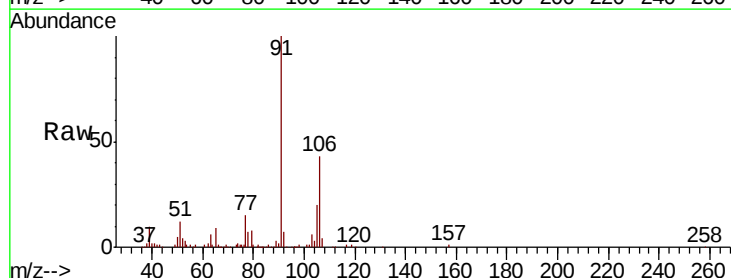
#59
m/p-Xylene
Concen: 0.629 ppbv
RT: 12.97
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 15 Jun 2022 19:14

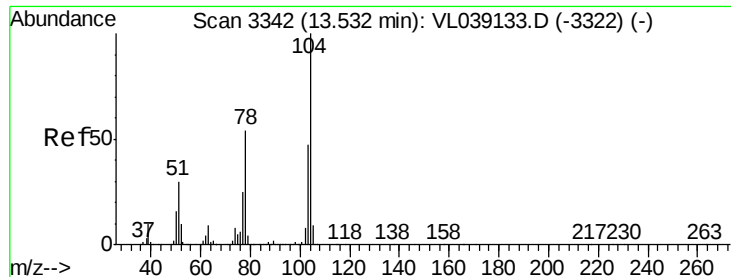
Tot Ion: 91 Resp: 226794
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 0.800 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.02 min
Lab File: VL039302.D
Acq: 15 Jun 2022 19:14

Tgt Ion: 91 Resp: 271117
Ion Ratio Lower Upper
91 100
106 44.0 22.3 66.9





#61

Stvrene

Concen: 0.349 ppbv

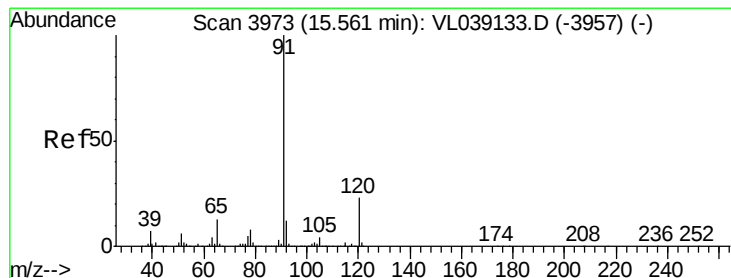
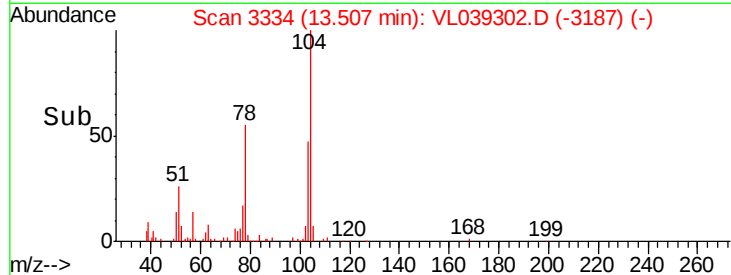
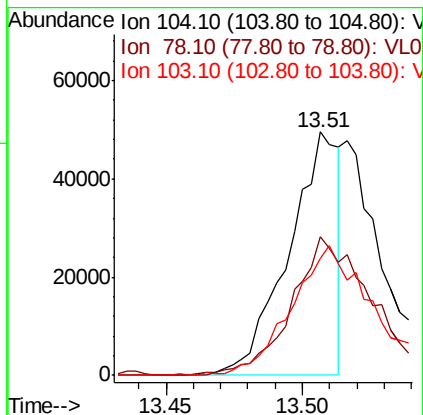
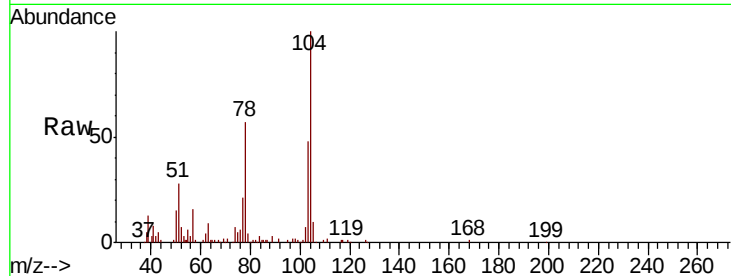
RT: 13.51

Delta R.T. MSVOA_L

Lab File:

Acq: 15 Jun 2022 19:14

Tot Ion:	104	Resp:	63345
Ion	Ratio	Lower	Upper
104	100		
78	96.2	45.7	68.5#
103	94.7	39.6	59.4#



#64

n-propylbenzene

Concen: 0.049 ppbv

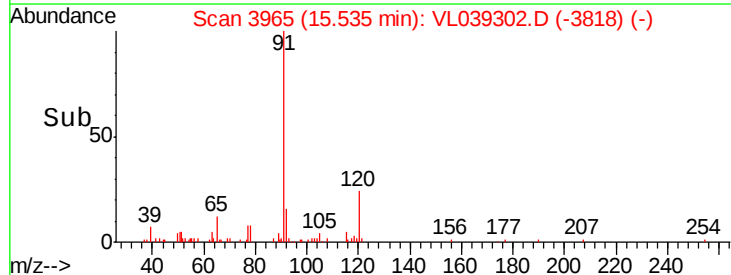
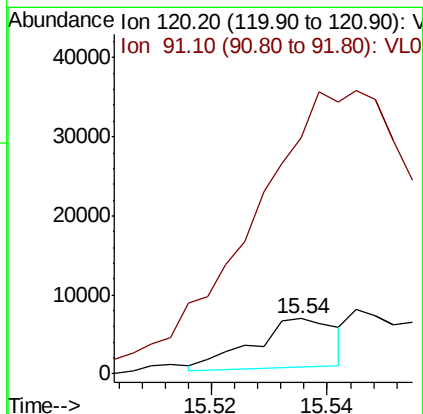
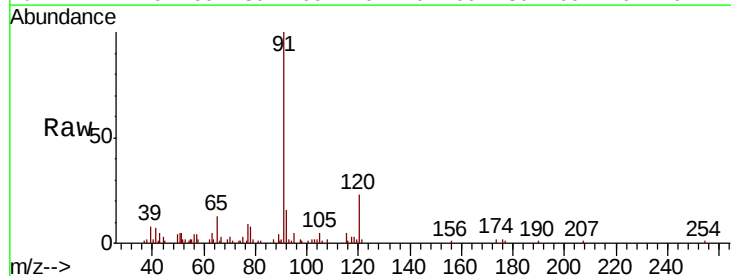
RT: 15.54 min Scan# 3965

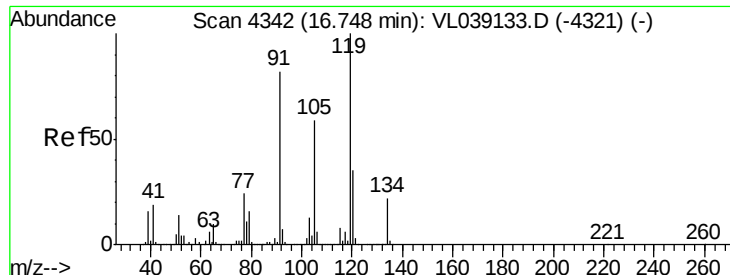
Delta R.T. -0.03 min

Lab File: VL039302.D

Acq: 15 Jun 2022 19:14

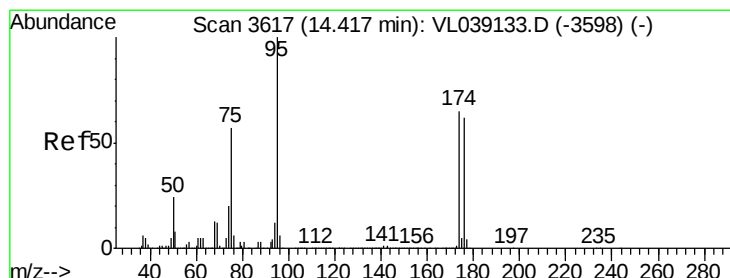
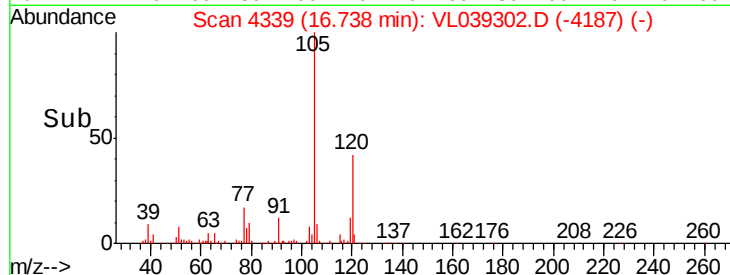
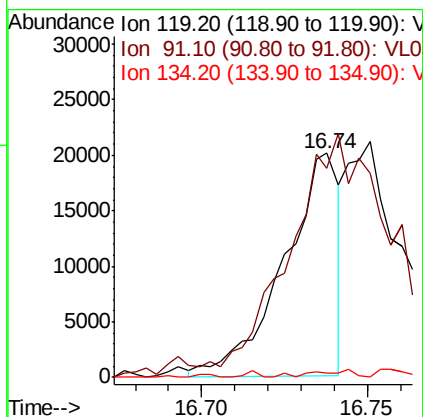
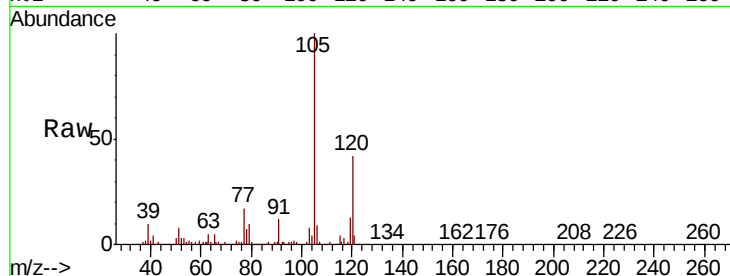
Tgt Ion:	120	Resp:	6119
Ion	Ratio	Lower	Upper
120	100		
91	0.0	388.4	582.6#





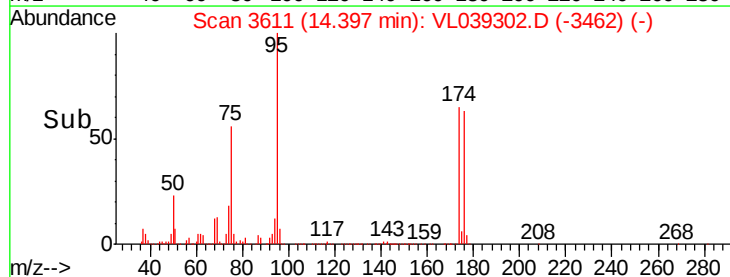
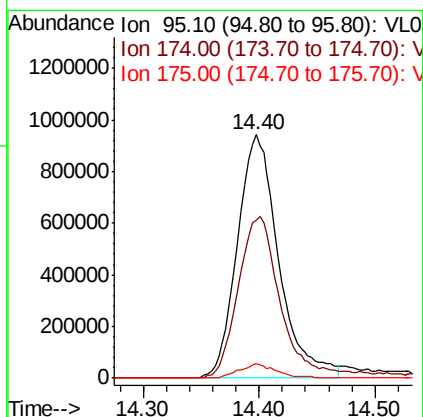
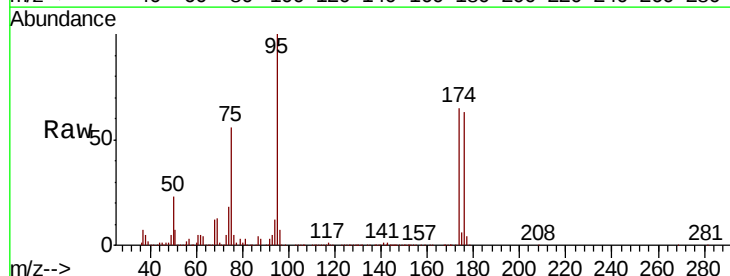
#65
 tert-Butylbenzene
 Concen: 0.051 ppbv
 RT: 16.74 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Jun 2022 19:14

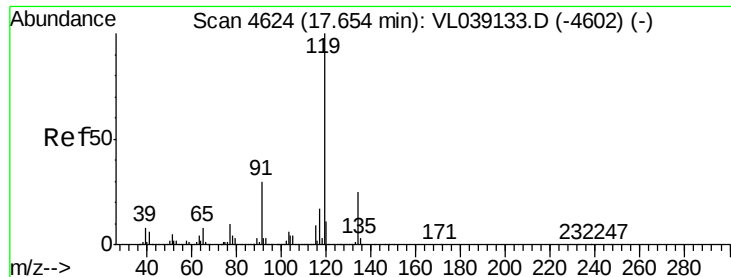
Tot Ion: 119 Resp: 23255
 Ion Ratio Lower Upper
 119 100
 91 222.5 67.1 100.7#
 134 1.2 15.8 23.8#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.508 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T.: -0.02 min
 Lab File: VL039302.D
 Acq: 15 Jun 2022 19:14

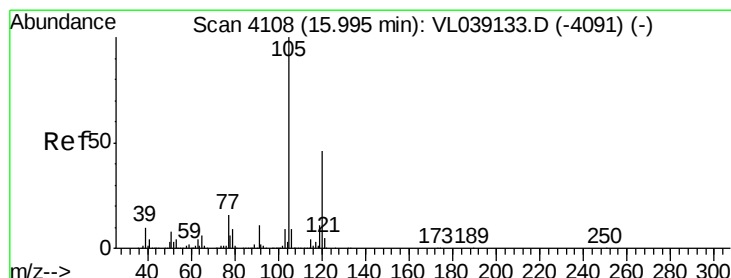
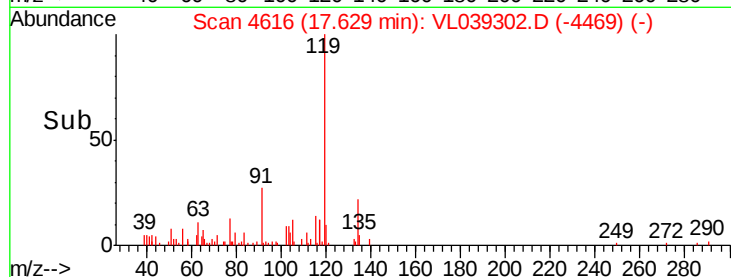
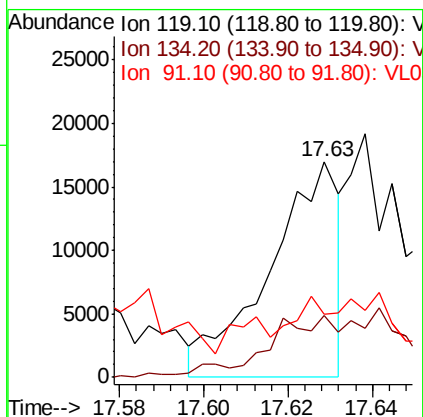
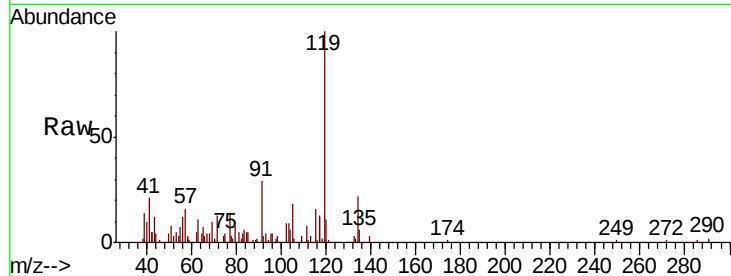
Tgt Ion: 95 Resp: 2335637
 Ion Ratio Lower Upper
 95 100
 174 71.8 53.8 80.8
 175 5.5 4.1 6.1





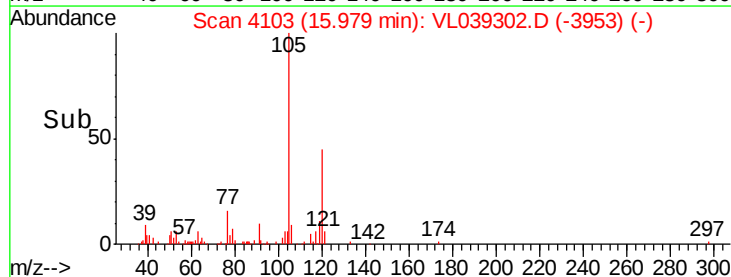
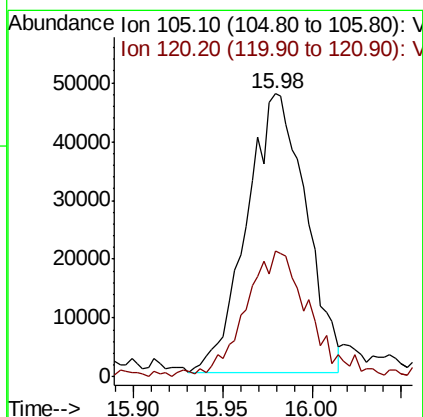
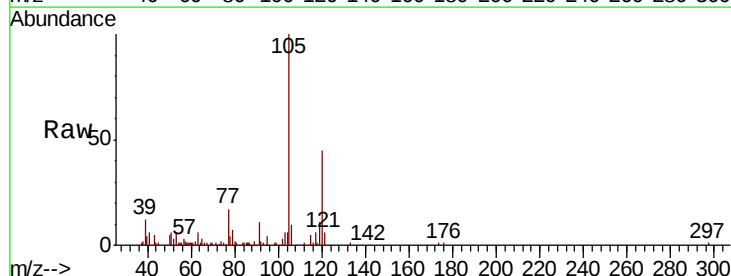
#69
 p-Isopropyltoluene
 Concen: 0.037 ppbv
 RT: 17.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Jun 2022 19:14

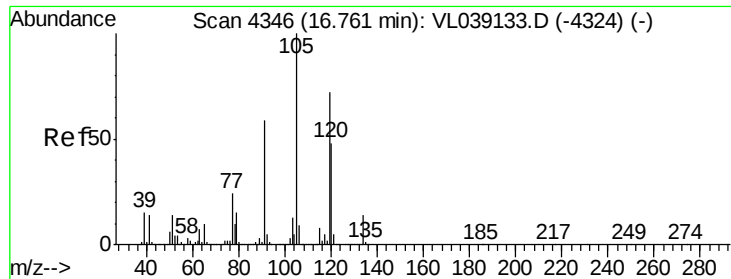
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	0.0	24.2	36.4#



#73
 1,3,5-Trimethylbenzene
 Concen: 0.307 ppbv
 RT: 15.98 min Scan# 4103
 Delta R.T. -0.02 min
 Lab File: VL039302.D
 Acq: 15 Jun 2022 19:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	36.7	55.1





#74

1,2,4-Trimethylbenzene

Concen: 0.521 ppbv

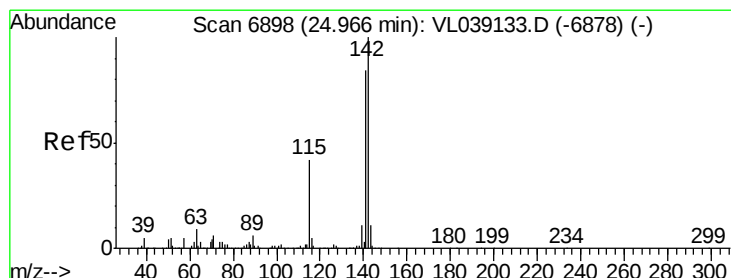
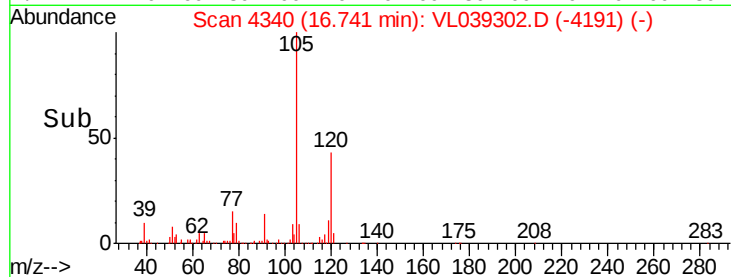
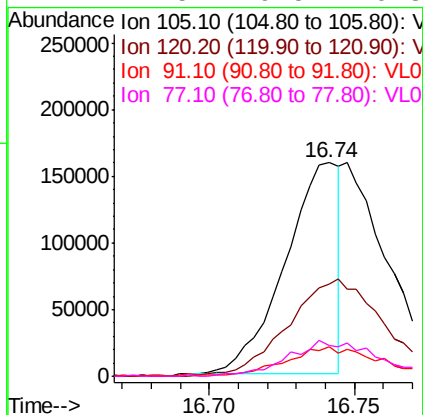
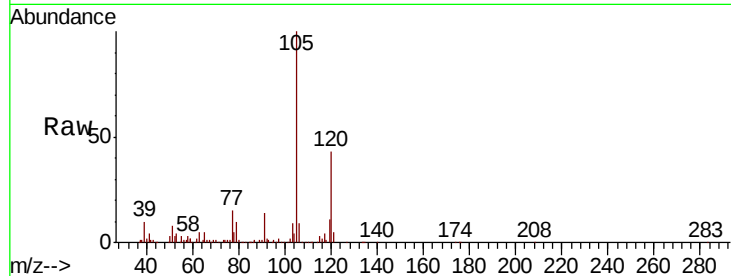
RT: 16.74

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Jun 2022 19:14

Tot Ion:	105	Resp:	208002
Ion Ratio	Lower	Upper	
105	100		
120	43.8	38.1	57.1
91	12.6	47.4	71.0#
77	14.5	19.5	29.3#



#80

Naphthalene, 2-methyl-

Concen: 0.033 ppbv

RT: 24.96 min Scan# 6895

Delta R.T. -0.01 min

Lab File: VL039302.D

Acq: 15 Jun 2022 19:14

Tgt Ion:	142	Resp:	3730
Ion Ratio	Lower	Upper	
142	100		
141	82.2	64.6	96.8
115	73.6	32.7	49.1#

