

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039560.D
 Acq On : 18 Aug 2022 15:40
 Operator : SY/AP
 Sample : VL0818ABs01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 03:02:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.211	49	1058640	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2742371	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	3291507	10.000	ppbv	# 0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2069458	8.352	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.754	85	1147941	8.068	ppbv	97
3) Chlorodifluoromethane	2.700	51	1152108	9.080	ppbv	100
4) Chloromethane	2.838	50	682266	8.993	ppbv	96
5) Vinyl Chloride	2.944	62	611467	9.347	ppbv	99
6) Bromomethane	3.144	94	238080	8.888	ppbv	92
7) Chloroethane	3.224	64	220219	9.456	ppbv	100
8) Dichlorotetrafluoroethane	2.883	85	1429044	9.352	ppbv	98
9) Propene	2.719	41	533275	9.226	ppbv	99
10) Heptane	7.597	43	1353875	10.084	ppbv	99
11) Trichlorofluoromethane	3.587	101	1434814	9.180	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.089	101	1047659	9.074	ppbv	99
13) Ethanol	3.263	45	25297	6.081	ppbv	91
14) Bromoethene	3.391	108	445296	9.438	ppbv	99
15) Acetone	3.491	43	1079684	9.027	ppbv	99
16) 1,3-Butadiene	3.012	39	570406	9.183	ppbv	97
17) tert-Butyl alcohol	3.899	59	933266	9.138	ppbv	98
18) 1,1-Dichloroethene	3.906	96	468519	9.000	ppbv	98
19) Isopropyl Alcohol	3.597	45	583843	9.988	ppbv #	100
20) Methylene Chloride	3.957	84	404000	8.296	ppbv	96
21) Allyl Chloride	4.018	41	775451	9.978	ppbv	99
22) trans-1,2-Dichloroethene	4.465	96	480444	9.289	ppbv	98
23) Vinyl Acetate	4.645	43	546330	9.085	ppbv	97
24) 1,1-Dichloroethane	4.587	63	978228	9.244	ppbv	98
25) Ethyl Acetate	5.224	43	2370556	9.296	ppbv	99
26) Hexane	5.233	57	970693	9.282	ppbv	99
27) Carbon Disulfide	4.147	76	1181516	10.590	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	829603	9.022	ppbv	99
29) Chloroform	5.295	83	1513191	9.245	ppbv	93
30) Cyclohexane	6.619	84	816771	9.406	ppbv #	100
31) cis-1,2-Dichloroethene	5.098	61	956662	9.461	ppbv	100
32) 1,1,1-Trichloroethane	6.021	97	1465607	9.547	ppbv	99
34) 2-Butanone	4.809	43	1345238	9.757	ppbv	99
35) Carbon Tetrachloride	6.510	117	1546196	10.022	ppbv	99
36) Benzene	6.388	78	2066493	9.887	ppbv	98
37) 1,2-Dichloroethane	5.825	62	1138777	9.807	ppbv	99
38) Trichloroethene	7.304	130	1160388	10.220	ppbv	97
39) 1,2-Dichloropropane	7.089	63	793335	10.128	ppbv	97
40) 1,4-Dioxane	7.307	88	316716	10.191	ppbv	94
41) Tetrahydrofuran	5.578	42	848209	10.457	ppbv	99
42) Bromodichloromethane	7.266	83	1614998	10.177	ppbv	98
43) Methyl Methacrylate	7.491	69	819011	10.822	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3485014	9.897	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	804613	12.089	ppbv	100

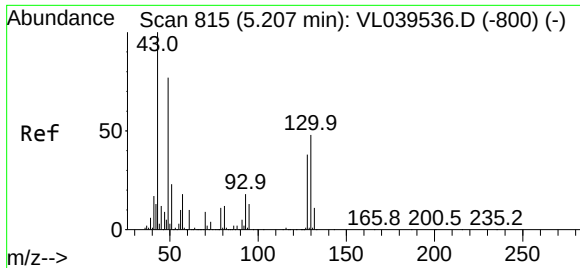
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Quant Time: Aug 19 03:02:15 2022
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 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	1075352	11.741	ppbv	99
47) 1,1,2-Trichloroethane	8.912	97	862254	9.606	ppbv	98
48) Dibromochloromethane	9.722	129	1435709	10.758	ppbv	99
49) Bromoform	12.416	173	1193850	10.813	ppbv #	100
50) 4-Methyl-2-Pentanone	8.198	43	2239301	10.556	ppbv	100
51) 2-Hexanone	9.565	43	1710552	10.940	ppbv #	99
52) Tetrachloroethene	10.629	164	785380	9.593	ppbv	99
53) Toluene	9.233	91	2459072	10.501	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1035292	10.111	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.519	131	1034645	7.637	ppbv	96
57) Chlorobenzene	11.539	112	1868695	7.551	ppbv	98
58) Ethyl Benzene	12.101	91	3225955	8.464	ppbv	98
59) m/p-Xylene	12.388	91	2944426	8.592	ppbv #	100
60) o-Xylene	13.072	91	2633175	8.014	ppbv	99
61) Styrene	12.912	104	1580610	9.017	ppbv	99
62) Isopropylbenzene	14.040	105	3816236	7.675	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.063	83	1077939	6.524	ppbv	100
64) n-propylbenzene	14.928	120	976423	7.531	ppbv	97
65) tert-Butylbenzene	16.104	119	3350271	7.557	ppbv	100
66) Benzyl Chloride	16.336	91	305776	8.038	ppbv #	91
67) sec-Butylbenzene	16.648	105	4642892	7.416	ppbv	100
69) p-Isopropyltoluene	17.008	119	3922381	7.521	ppbv	99
70) n-Butylbenzene	17.899	91	3897533	7.527	ppbv	100
71) 2-Chlorotoluene	14.815	91	2794547	7.756	ppbv	99
72) 4-Ethyltoluene	15.204	105	3107555	8.050	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.365	105	2736212	7.761	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	2953356	7.513	ppbv	96
75) 1,3-Dichlorobenzene	16.342	146	1749420	7.326	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1723282	7.206	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	1666601	7.123	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	629323	3.386	ppbv #	100
79) Naphthalene	21.394	128	2883918	10.304	ppbv	100
80) Naphthalene,2-methyl-	24.384	142	965970	8.734	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.152	180	1606093	8.609	ppbv #	100

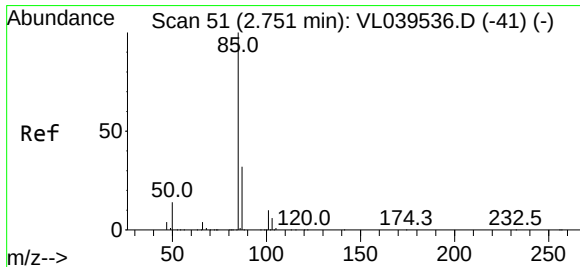
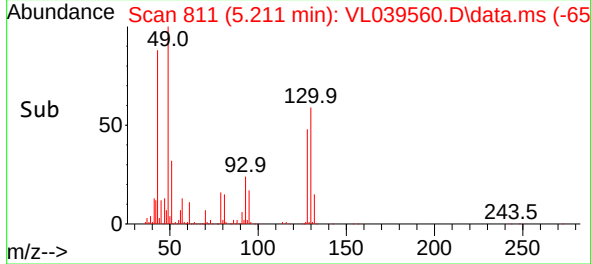
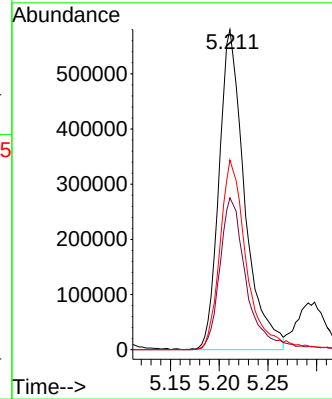
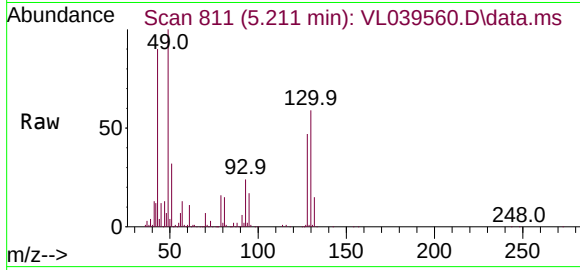
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

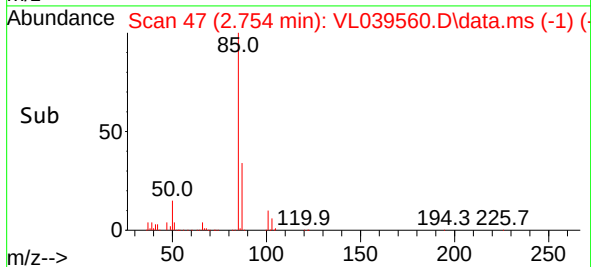
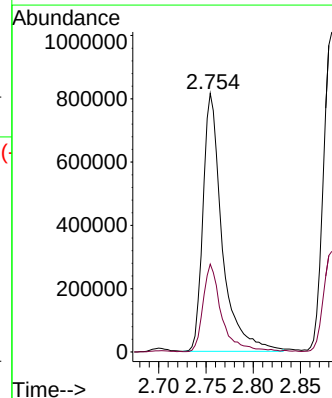
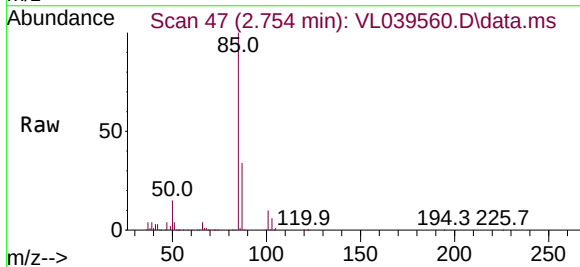
Instrument :
 MSVOA_L
 ClientSampleId :

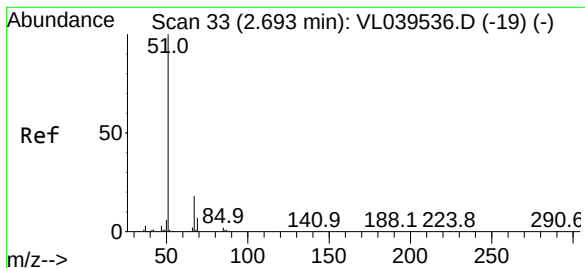
Tgt Ion: 49 Resp: 1058640
 Ion Ratio Lower Upper
 49 100
 128 49.7 25.7 77.0
 130 63.0 31.6 95.0



#2
 Dichlorodifluoromethane
 Concen: 8.068 ppbv
 RT: 2.754 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Tgt Ion: 85 Resp: 1147941
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.9 38.9





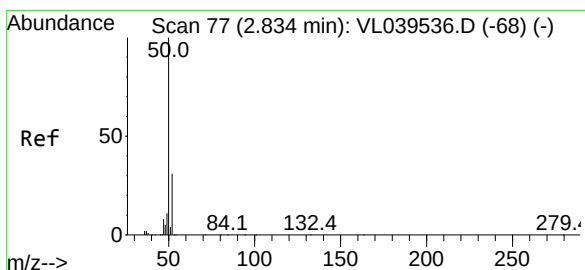
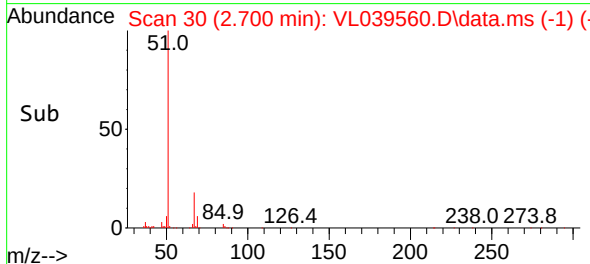
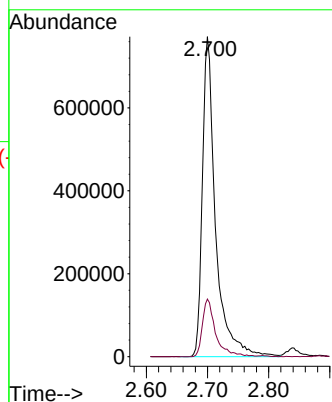
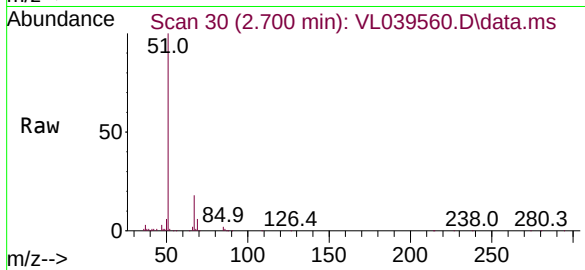
#3
Chlorodifluoromethane
Concen: 9.080 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

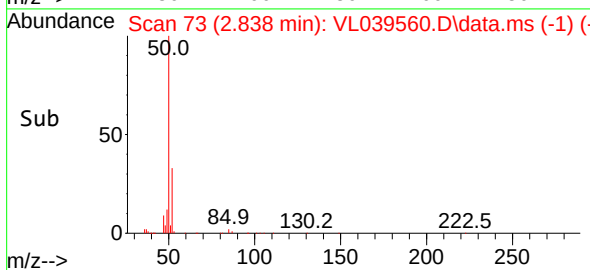
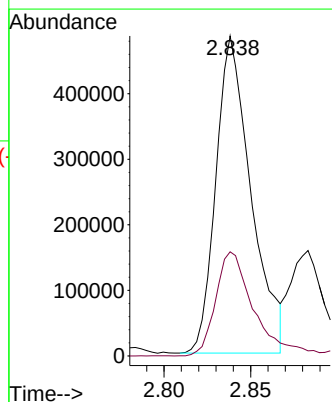
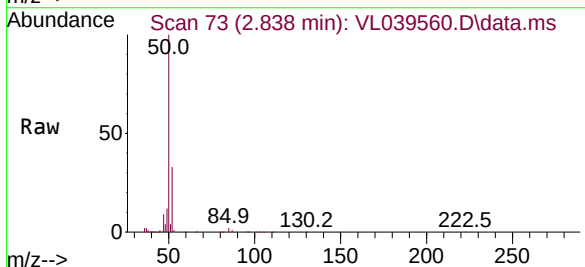
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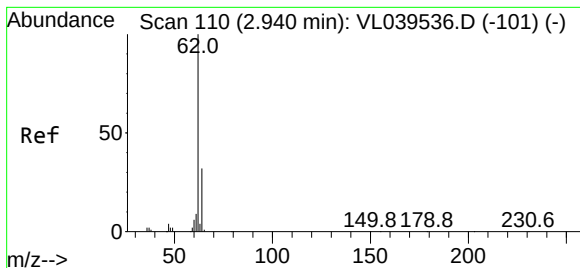
Tgt Ion: 51 Resp: 1152108
Ion Ratio Lower Upper
51 100
67 18.5 14.7 22.1



#4
Chloromethane
Concen: 8.993 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 50 Resp: 682266
Ion Ratio Lower Upper
50 100
52 32.8 24.3 36.5

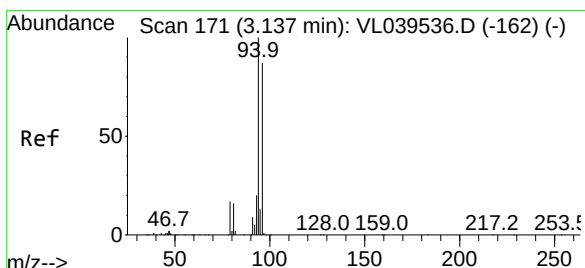
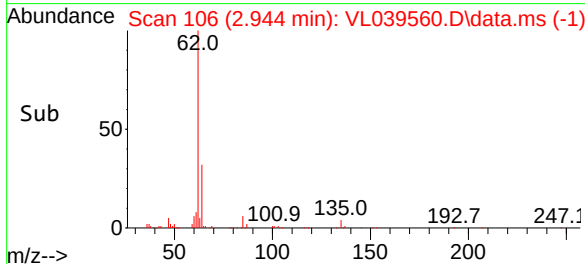
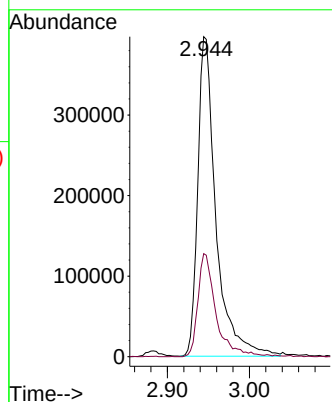
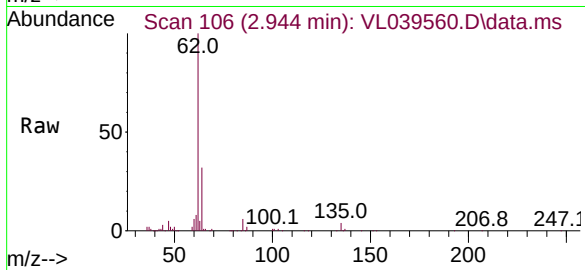




#5
 Vinyl Chloride
 Concen: 9.347 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

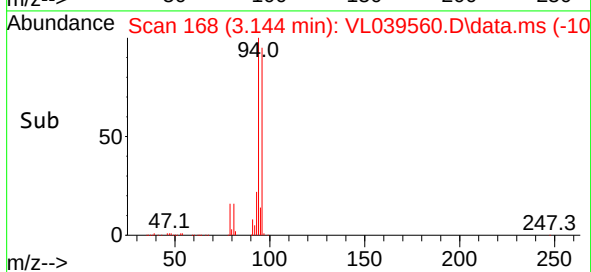
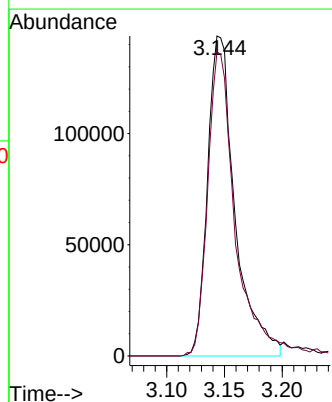
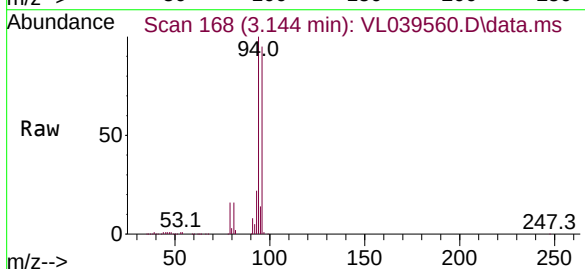
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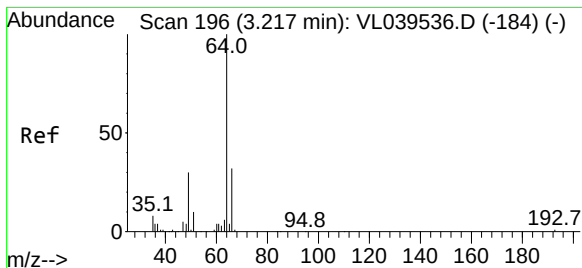
Tgt Ion: 62 Resp: 611467
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.5 38.3



#6
 Bromomethane
 Concen: 8.888 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Tgt Ion: 94 Resp: 238080
 Ion Ratio Lower Upper
 94 100
 96 95.1 69.8 104.6

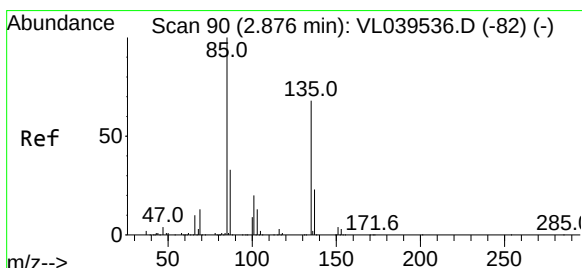
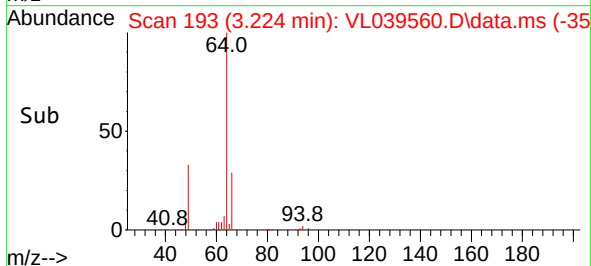
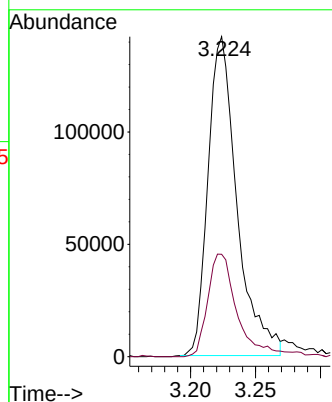
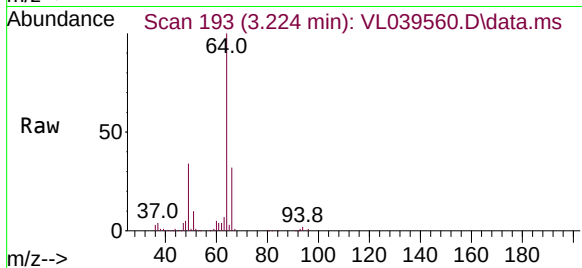




#7
Chloroethane
Concen: 9.456 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

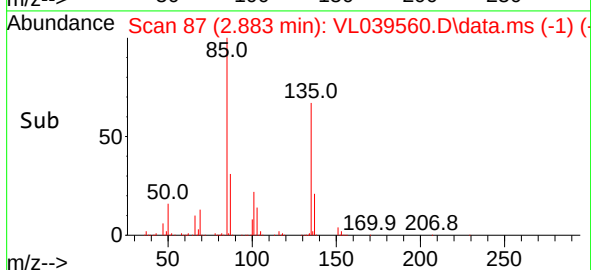
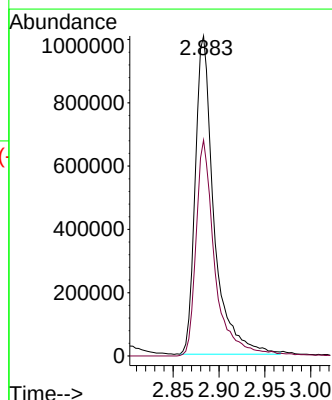
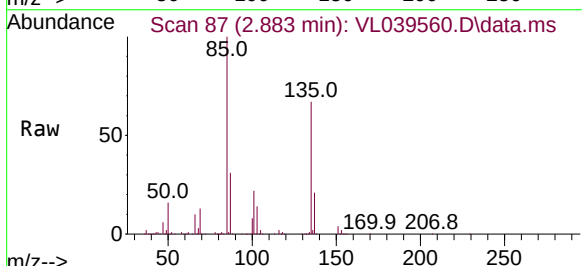
Instrument :
MSVOA_L
ClientSampleId :

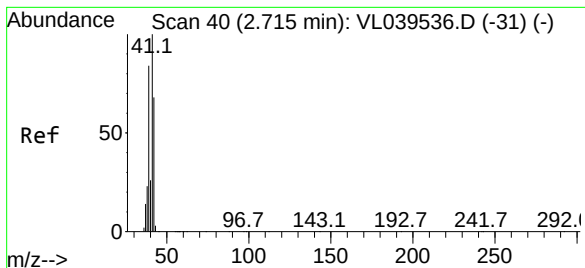
Tgt Ion: 64 Resp: 220219
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.352 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 85 Resp: 1429044
Ion Ratio Lower Upper
85 100
135 69.1 56.3 84.5





#9

Propene

Concen: 9.226 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.004 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

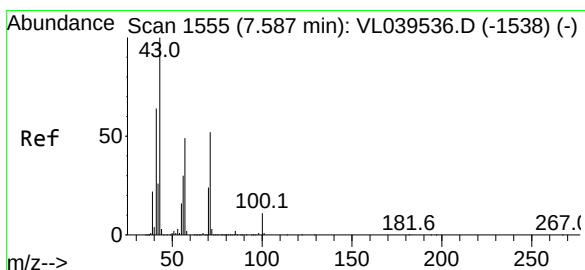
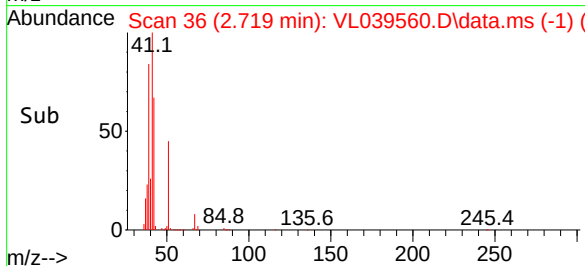
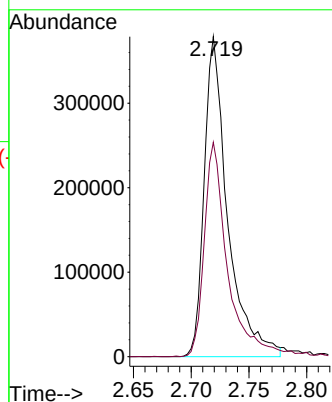
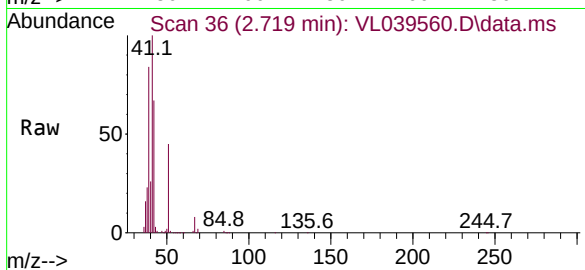
ClientSampleId :

Tgt Ion: 41 Resp: 533275

Ion Ratio Lower Upper

41 100

42 68.0 55.4 83.0



#10

Heptane

Concen: 10.084 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.010 min

Lab File: VL039560.D

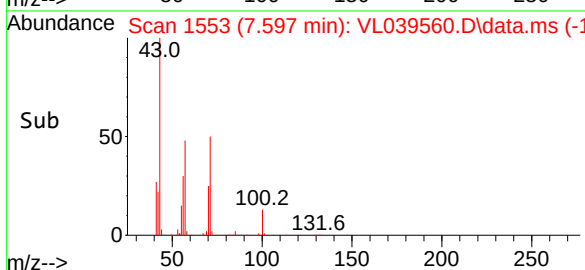
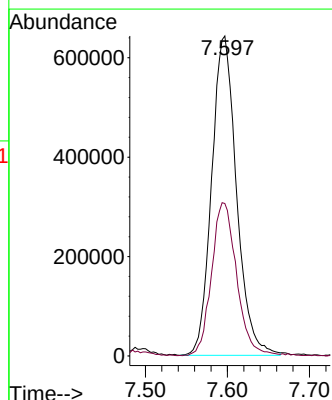
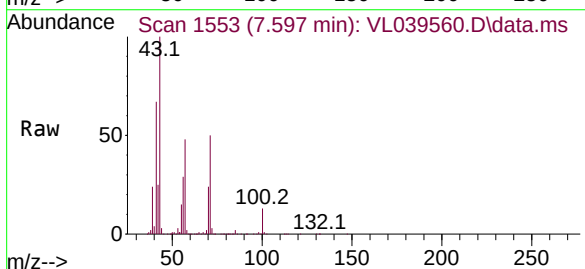
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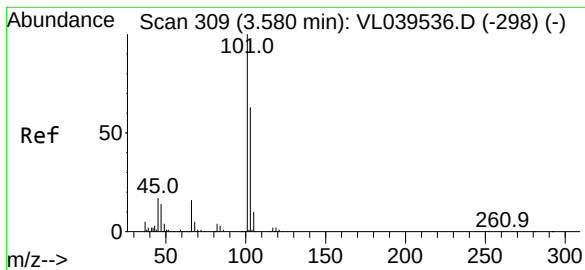
Tgt Ion: 43 Resp: 1353875

Ion Ratio Lower Upper

43 100

57 49.0 39.8 59.6

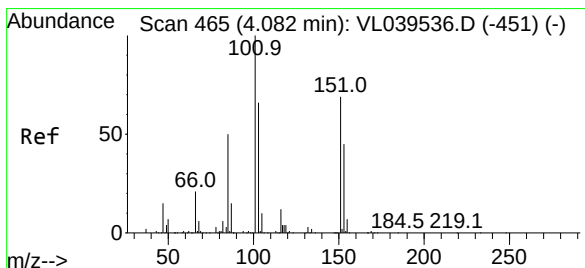
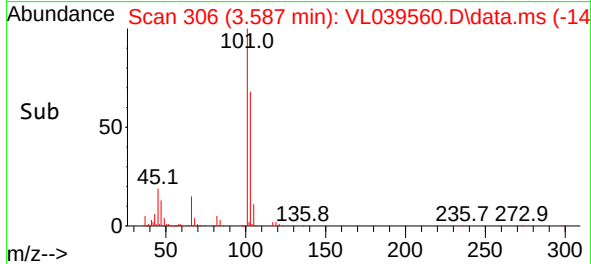
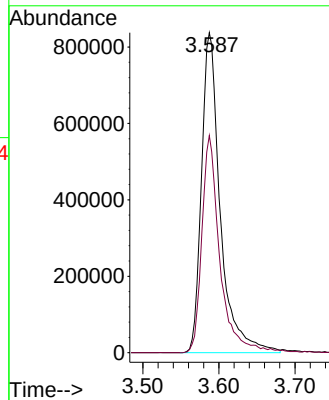
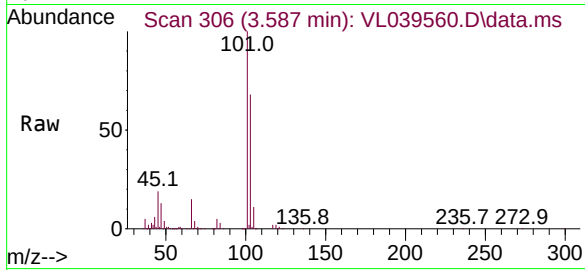




#11
Trichlorofluoromethane
Concen: 9.180 ppbv
RT: 3.587 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

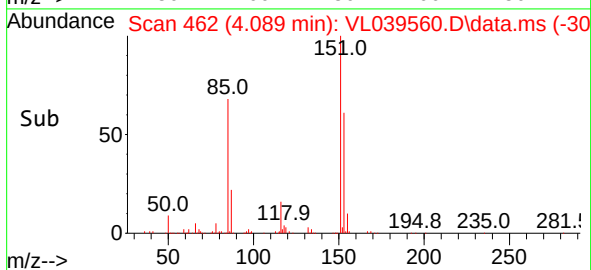
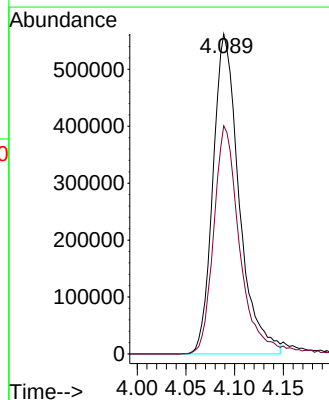
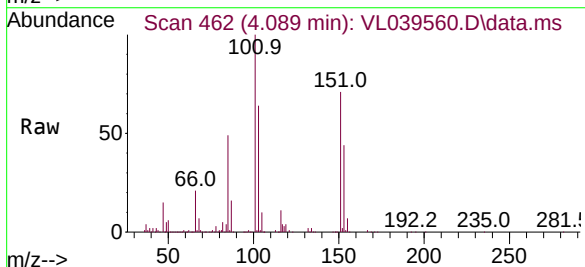
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MSVOA_L
ClientSampleId :

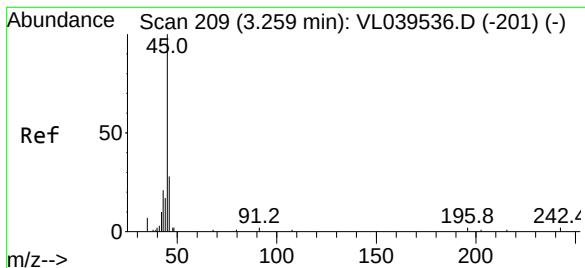
Tgt Ion:101 Resp: 1434814
Ion Ratio Lower Upper
101 100
103 67.9 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.074 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion:101 Resp: 1047659
Ion Ratio Lower Upper
101 100
151 72.3 58.6 87.8

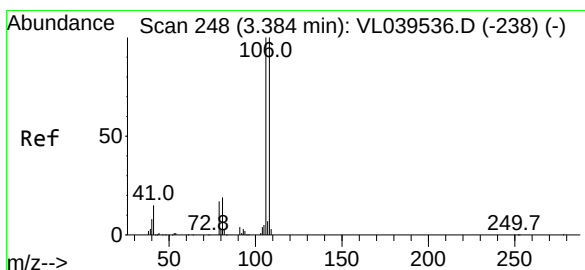
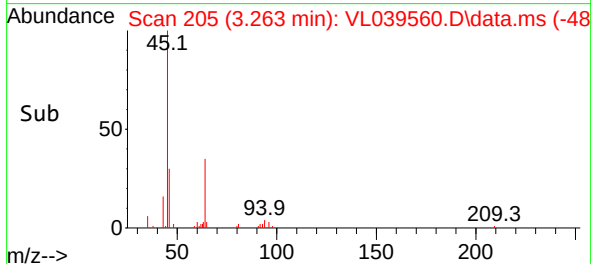
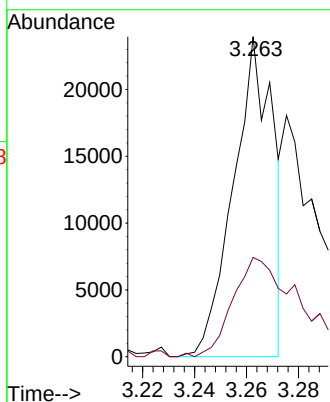
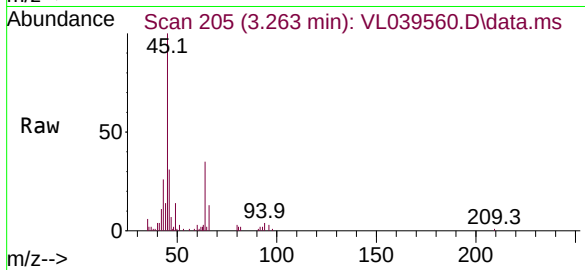




#13
Ethanol
Concen: 6.081 ppbv
RT: 3.263 min Scan# 209
Delta R.T. 0.004 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

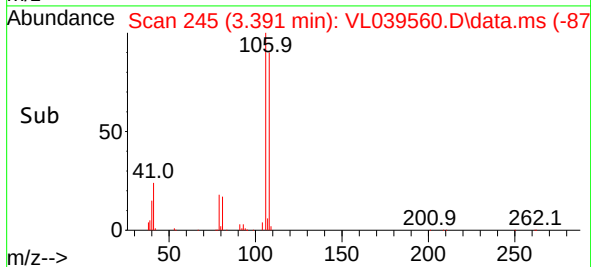
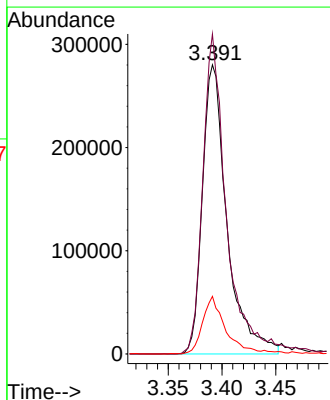
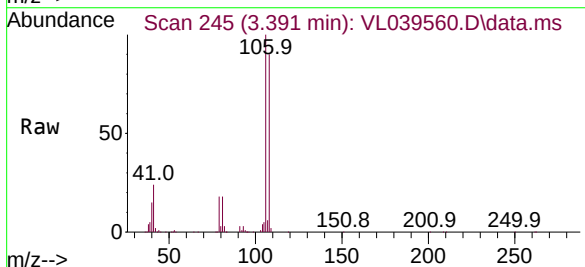
Instrument :
MSVOA_L
ClientSampleId :

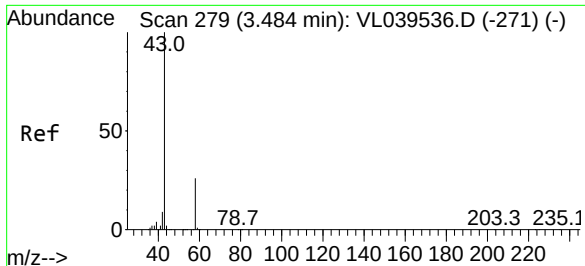
Tgt Ion: 45 Resp: 25297
Ion Ratio Lower Upper
45 100
46 54.0 19.3 77.1



#14
Bromoethene
Concen: 9.438 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 108 Resp: 445296
Ion Ratio Lower Upper
108 100
106 109.1 86.6 130.0
79 19.6 15.1 22.7

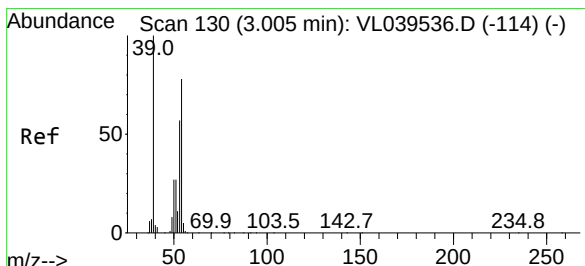
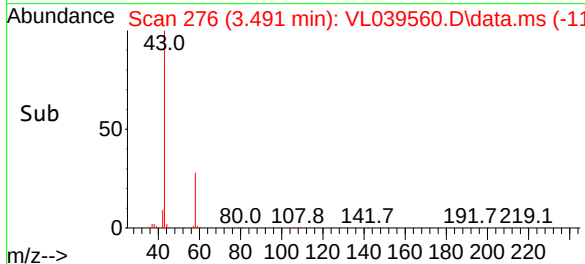
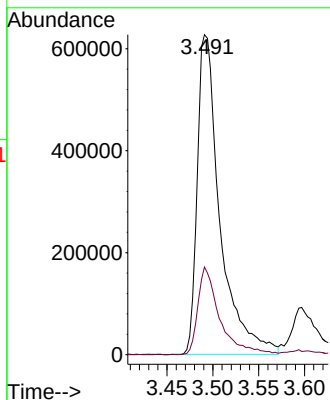
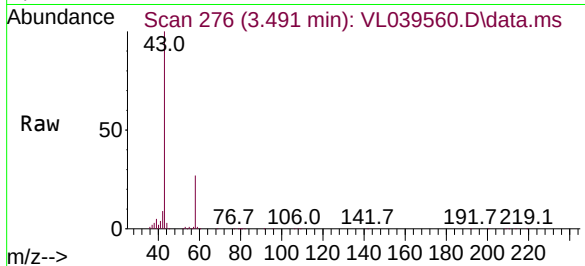




#15
Acetone
Concen: 9.027 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

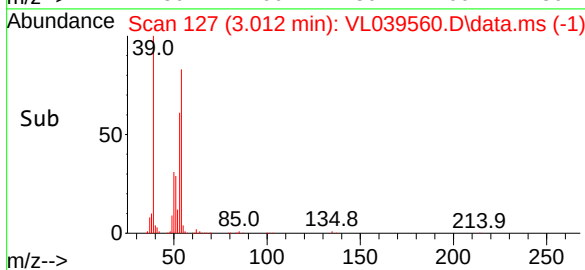
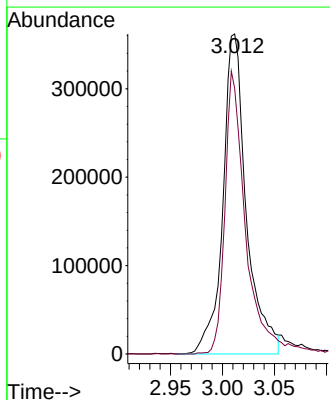
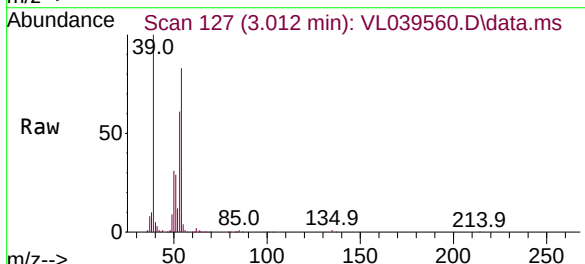
Instrument :
MSVOA_L
ClientSampleId :

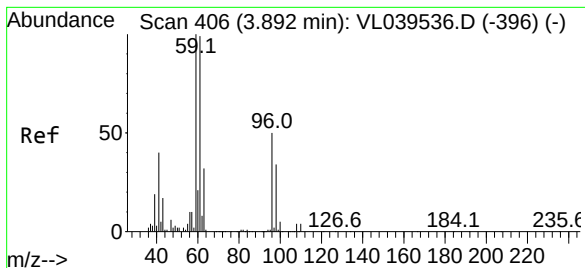
Tgt Ion: 43 Resp: 1079684
Ion Ratio Lower Upper
43 100
58 26.3 20.7 31.1



#16
1,3-Butadiene
Concen: 9.183 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 39 Resp: 570406
Ion Ratio Lower Upper
39 100
54 79.7 61.8 92.8

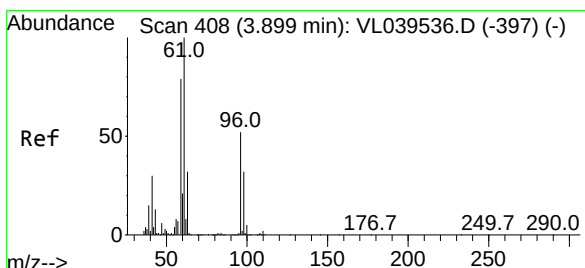
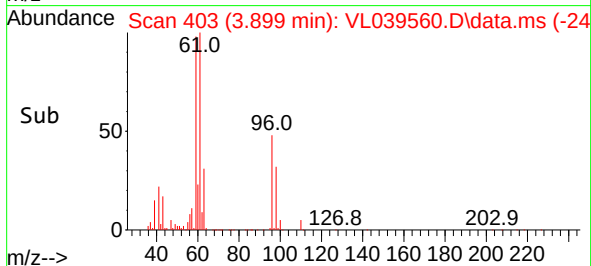
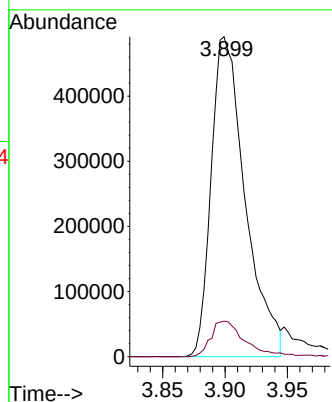
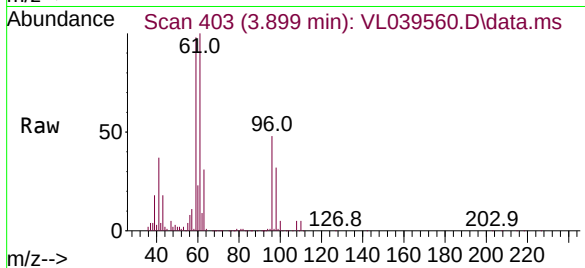




#17
tert-Butyl alcohol
Concen: 9.138 ppbv
RT: 3.899 min Scan# 406
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

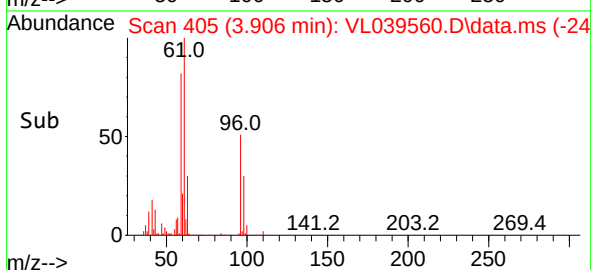
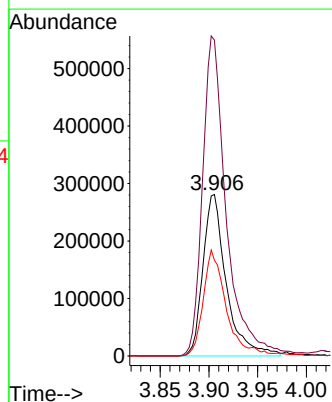
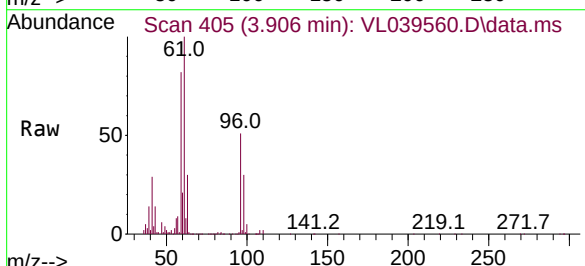
Instrument :
MSVOA_L
ClientSampleId :

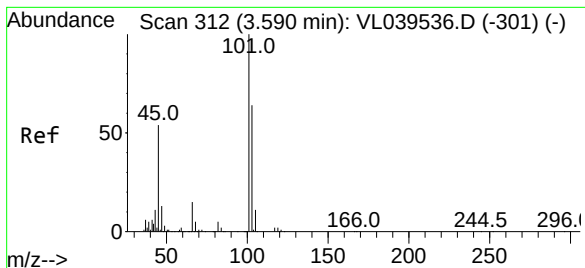
Tgt Ion: 59 Resp: 933266
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8



#18
1,1-Dichloroethene
Concen: 9.000 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 96 Resp: 468519
Ion Ratio Lower Upper
96 100
61 195.6 153.8 230.6
98 59.3 48.6 73.0

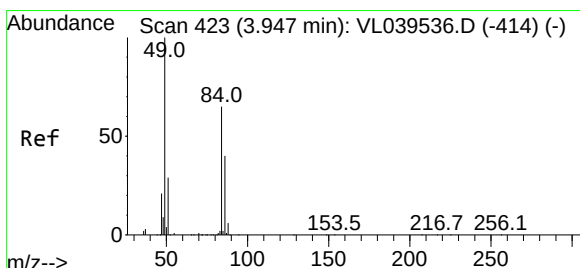
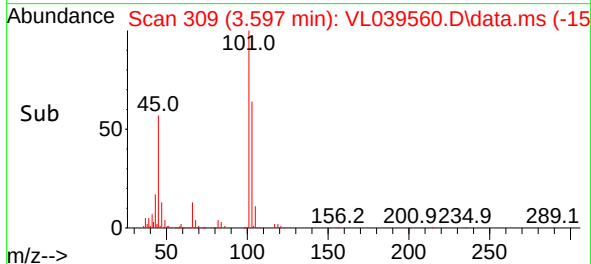
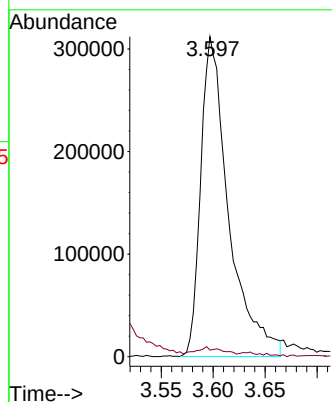
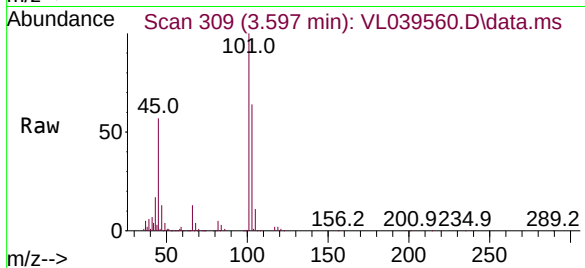




#19
Isopropyl Alcohol
Concen: 9.988 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

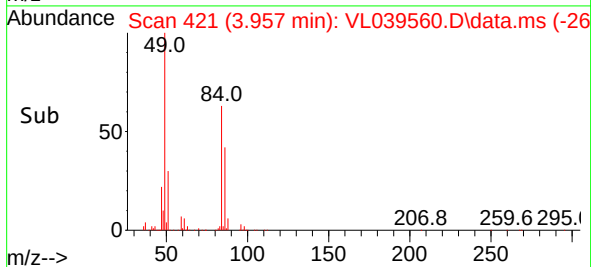
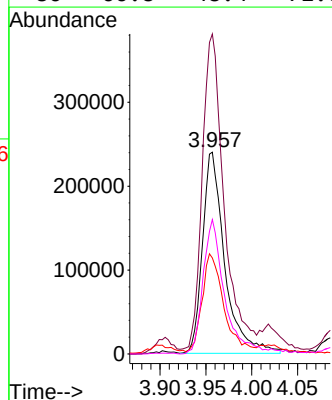
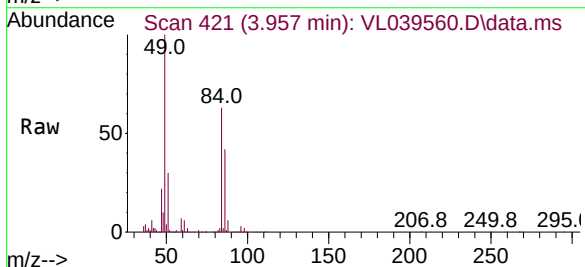
Instrument :
MSVOA_L
ClientSampleId :

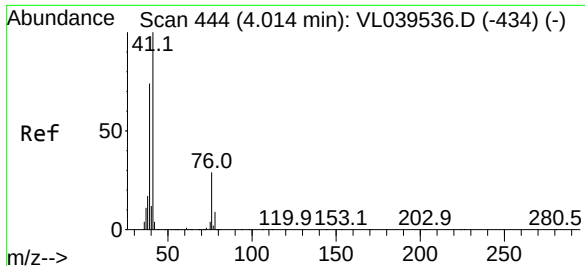
Tgt Ion: 45 Resp: 583843
Ion Ratio Lower Upper
45 100
58 4.5 0.0 0.0#



#20
Methylene Chloride
Concen: 8.296 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 84 Resp: 404000
Ion Ratio Lower Upper
84 100
49 156.7 122.2 183.4
51 46.1 35.8 53.6
86 66.8 48.4 72.6

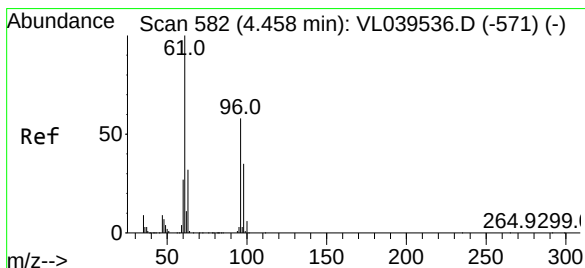
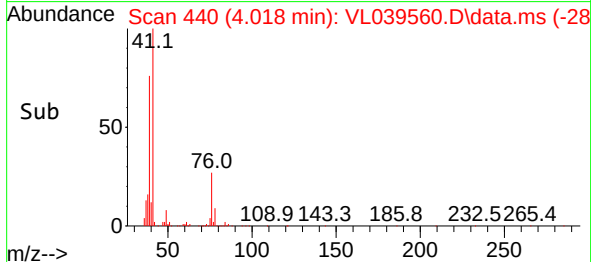
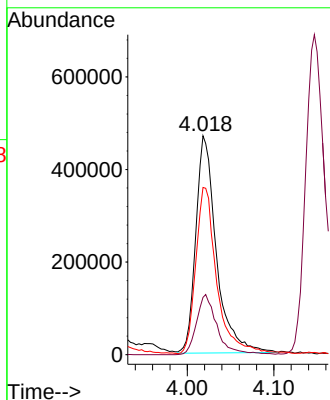
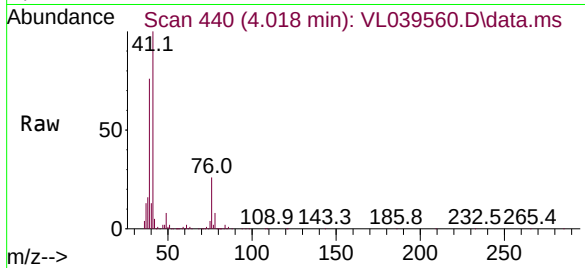




#21
 Allyl Chloride
 Concen: 9.978 ppbv
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

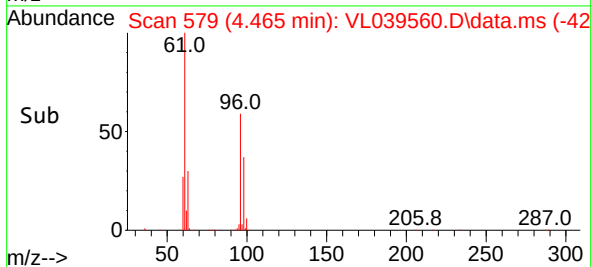
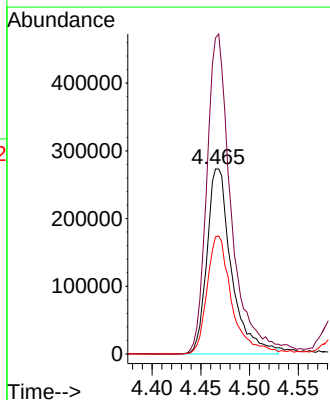
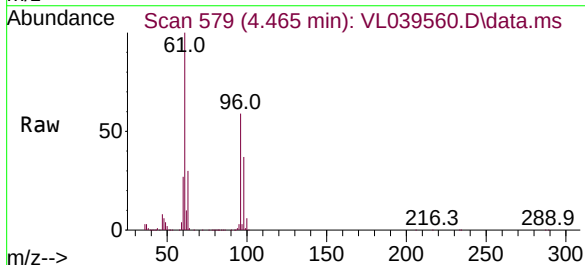
Instrument :
 MSVOA_L
 ClientSampleId :

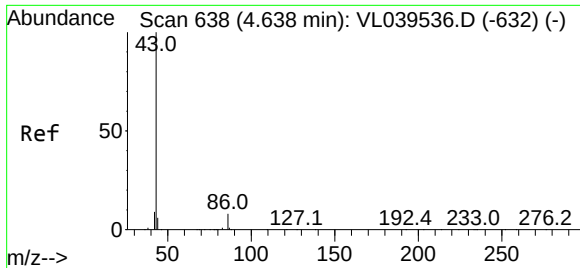
Tgt Ion: 41 Resp: 775451
 Ion Ratio Lower Upper
 41 100
 76 27.7 23.1 34.7
 39 79.6 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.289 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Tgt Ion: 96 Resp: 480444
 Ion Ratio Lower Upper
 96 100
 61 170.8 138.1 207.1
 98 63.3 48.8 73.2





#23

Vinyl Acetate

Concen: 9.085 ppbv

RT: 4.645 min Scan# 61

Delta R.T. 0.007 min

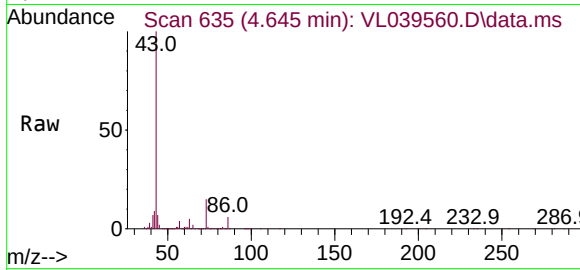
Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 546330

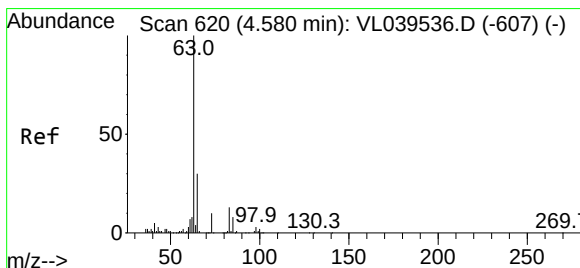
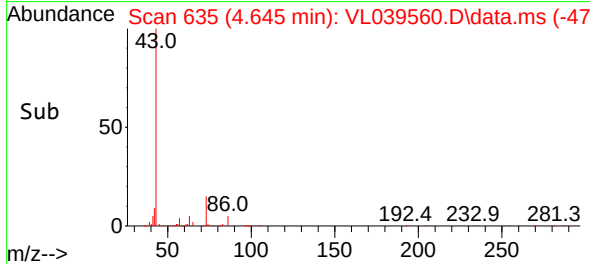
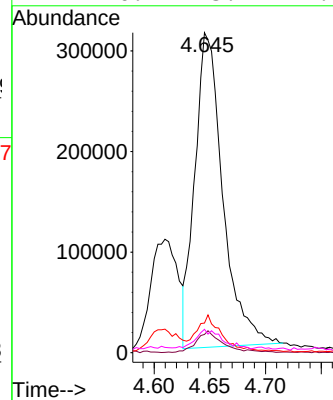
Ion Ratio Lower Upper

43 100

86 5.9 5.3 7.9

42 9.1 8.7 13.1

44 6.1 5.1 7.7



#24

1,1-Dichloroethane

Concen: 9.244 ppbv

RT: 4.587 min Scan# 617

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

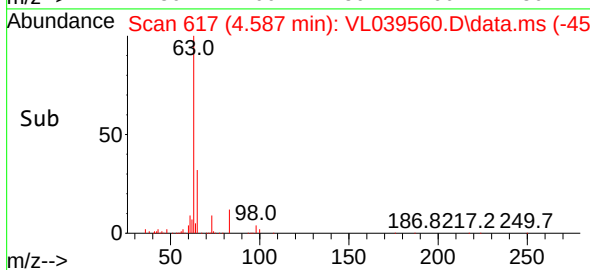
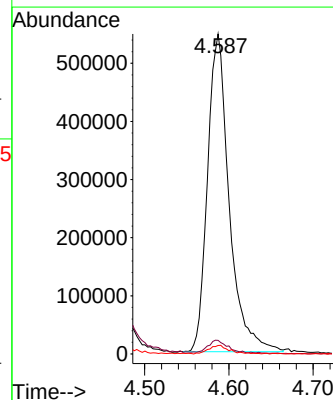
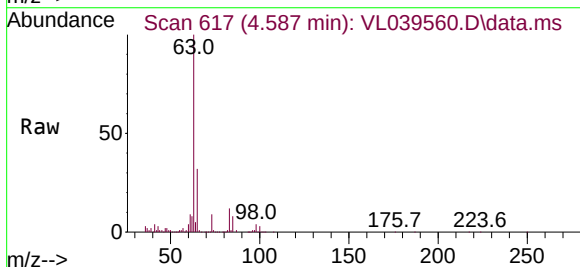
Tgt Ion: 63 Resp: 978228

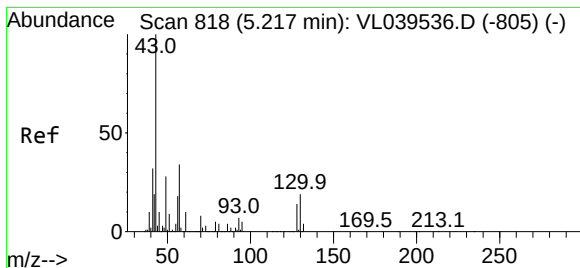
Ion Ratio Lower Upper

63 100

98 4.1 1.7 5.0

100 2.6 1.1 3.3





#25

Ethyl Acetate

Concen: 9.296 ppbv

RT: 5.224 min Scan# 815

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2370556

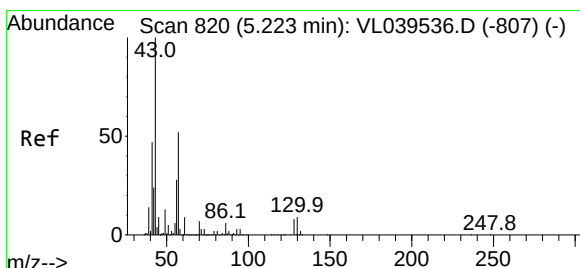
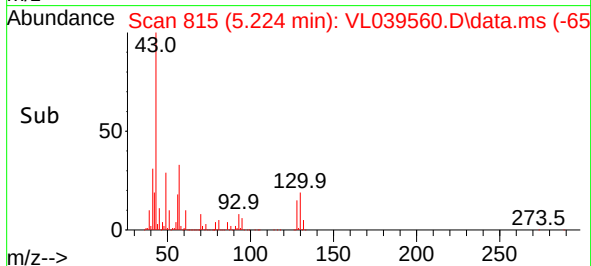
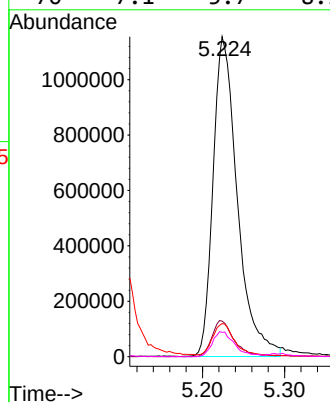
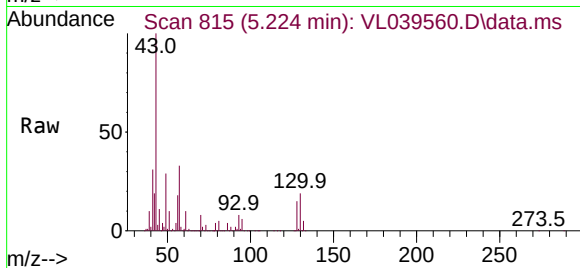
Ion Ratio Lower Upper

43 100

45 10.8 8.2 12.4

61 10.4 8.6 12.8

70 7.1 5.7 8.5



#26

Hexane

Concen: 9.282 ppbv

RT: 5.233 min Scan# 818

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Tgt Ion: 57 Resp: 970693

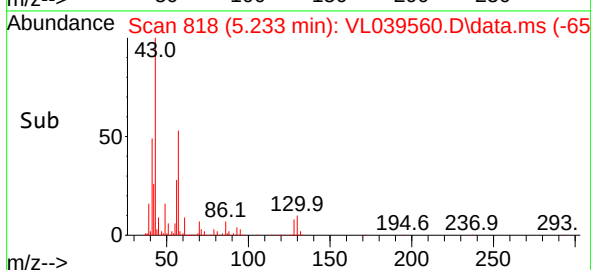
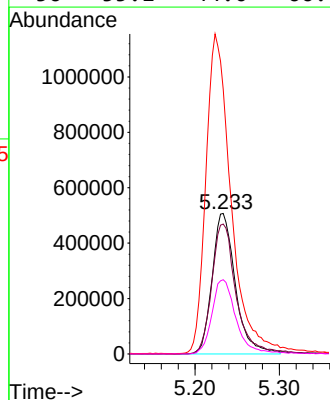
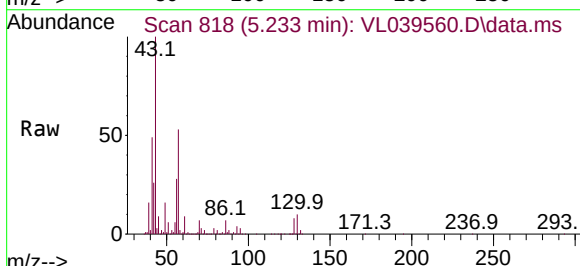
Ion Ratio Lower Upper

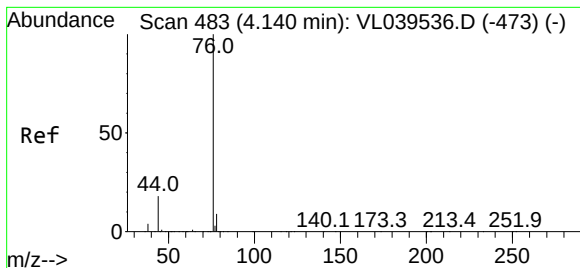
57 100

41 97.6 79.4 119.2

43 249.8 199.7 299.5

56 55.1 44.0 66.0





#27

Carbon Disulfide

Concen: 10.590 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

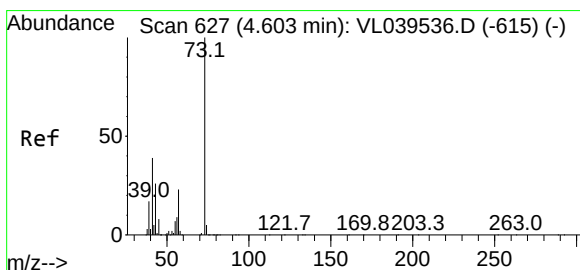
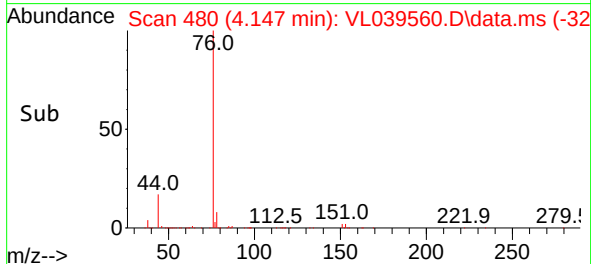
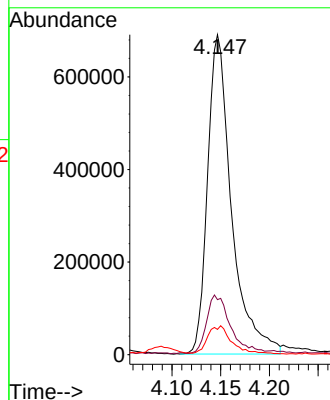
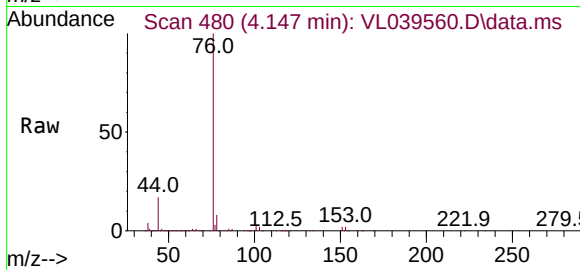
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 1181516

Ion	Ratio	Lower	Upper
76	100		
44	19.5	16.3	24.5
78	9.7	7.8	11.6



#28

Methyl tert-Butyl Ether

Concen: 9.022 ppbv

RT: 4.610 min Scan# 624

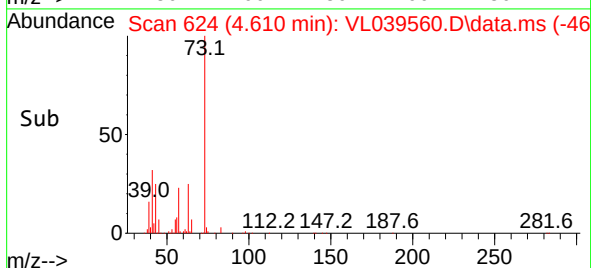
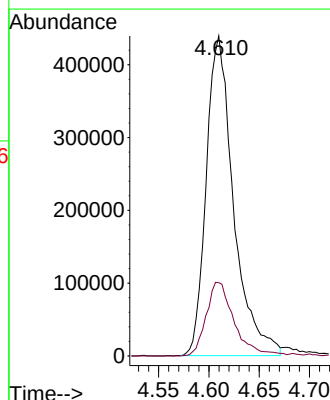
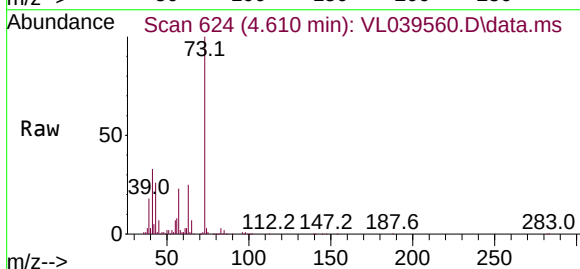
Delta R.T. 0.007 min

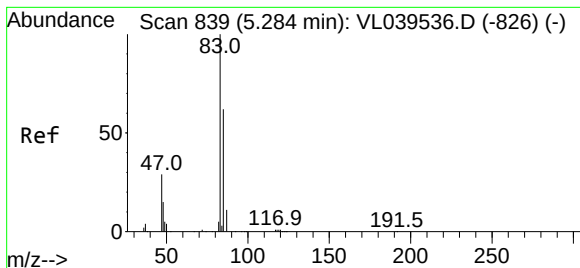
Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Tgt Ion: 73 Resp: 829603

Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.8	29.6





#29

Chloroform

Concen: 9.245 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

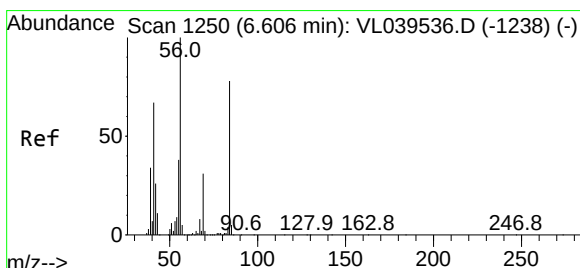
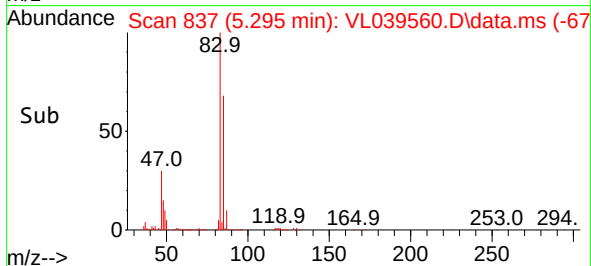
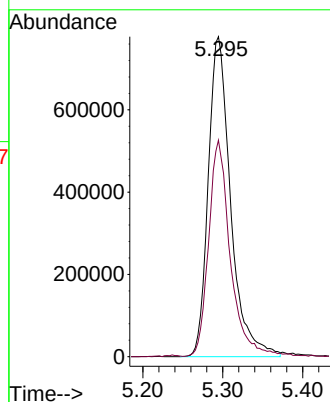
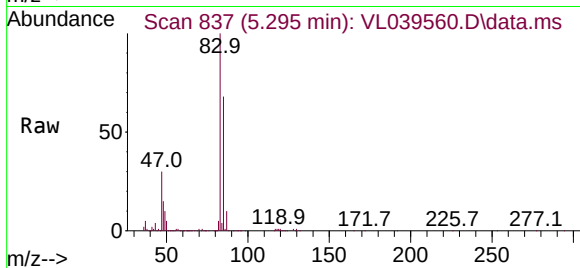
ClientSampleId :

Tgt Ion: 83 Resp: 1513191

Ion Ratio Lower Upper

83 100

85 67.5 49.8 74.8



#30

Cyclohexane

Concen: 9.406 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.013 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

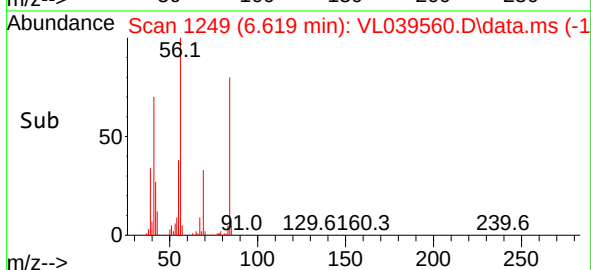
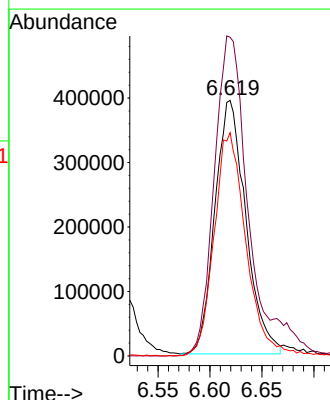
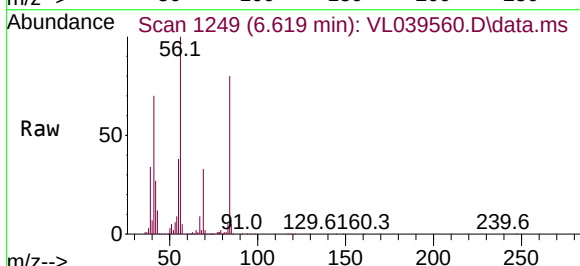
Tgt Ion: 84 Resp: 816771

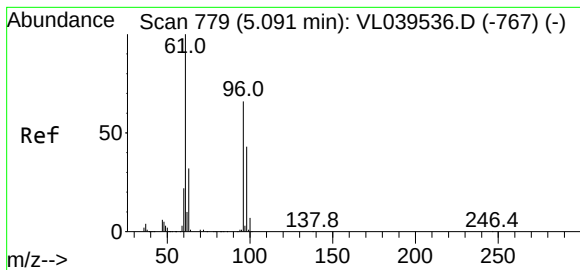
Ion Ratio Lower Upper

84 100

56 141.9 0.0 0.0#

41 91.1 0.0 0.0#

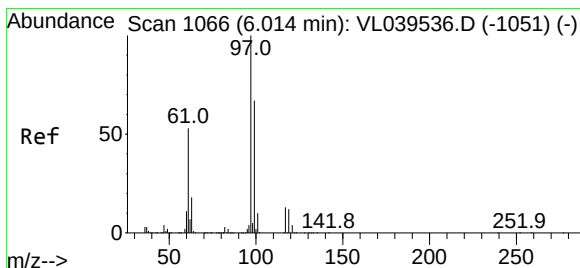
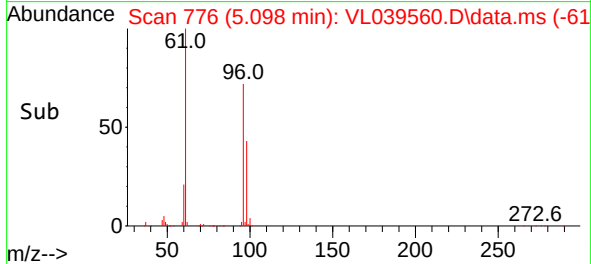
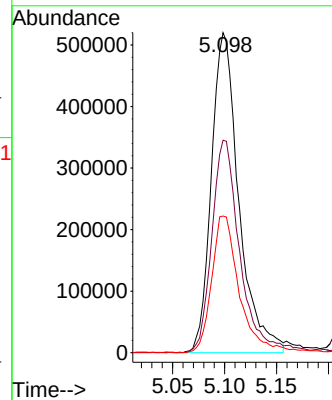
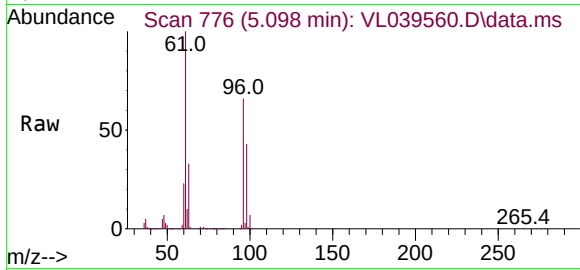




#31
 cis-1,2-Dichloroethene
 Concen: 9.461 ppbv
 RT: 5.098 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

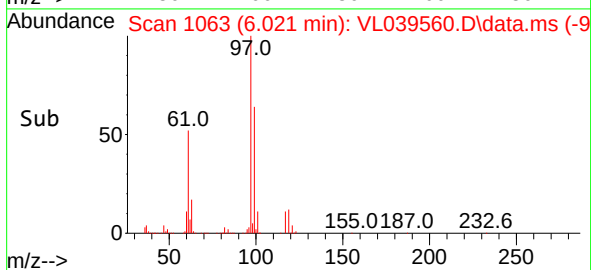
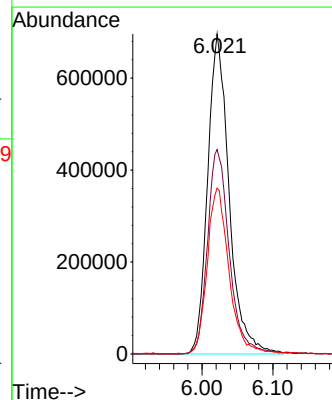
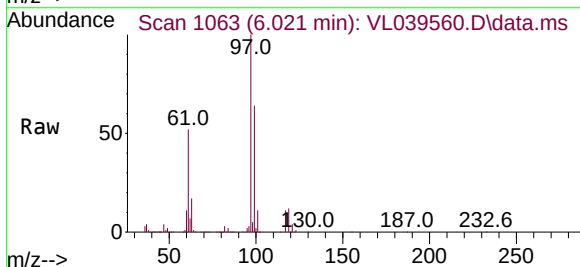
Instrument :
 MSVOA_L
 ClientSampleId :

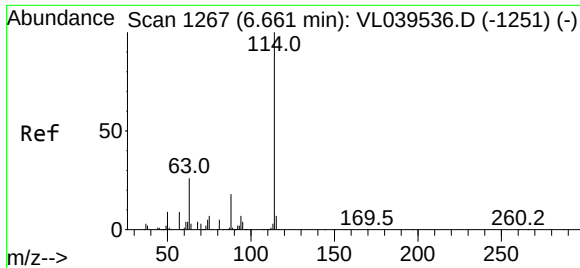
Tgt Ion: 61 Resp: 956662
 Ion Ratio Lower Upper
 61 100
 96 66.4 52.9 79.3
 98 42.7 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 9.547 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.007 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Tgt Ion: 97 Resp: 1465607
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.4 78.6
 61 53.1 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

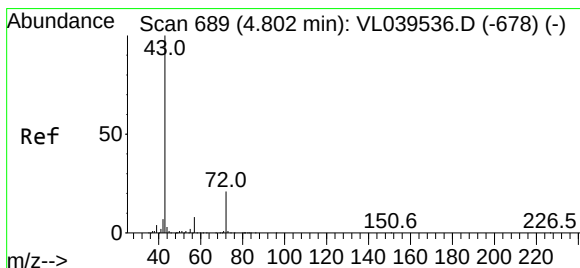
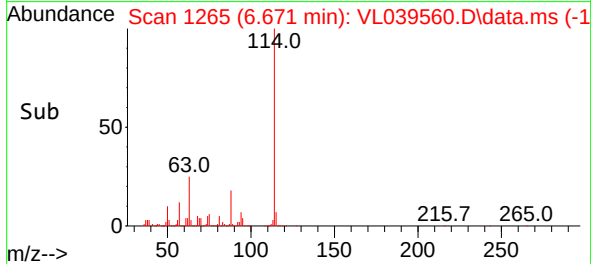
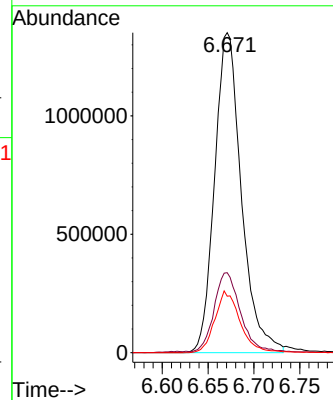
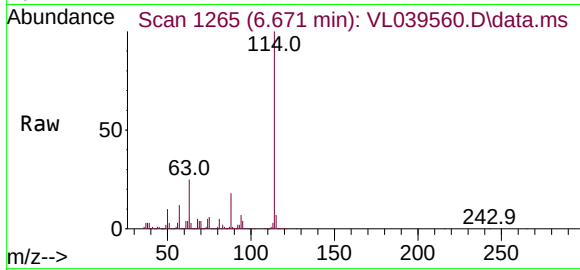
Tgt Ion:114 Resp: 2742371

Ion Ratio Lower Upper

114 100

63 25.5 20.6 31.0

88 18.4 14.6 22.0



#34

2-Butanone

Concen: 9.757 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.007 min

Lab File: VL039560.D

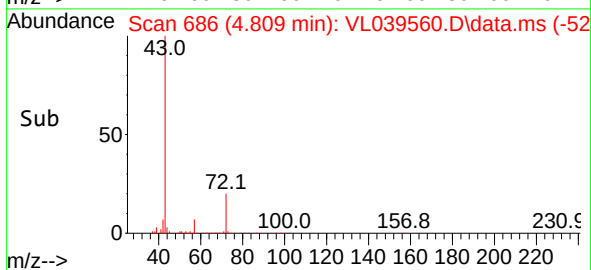
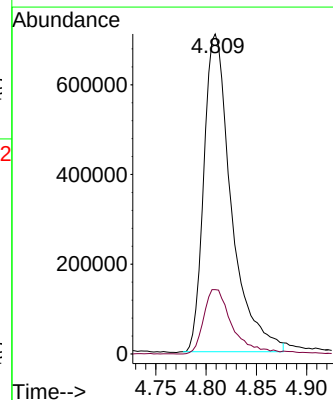
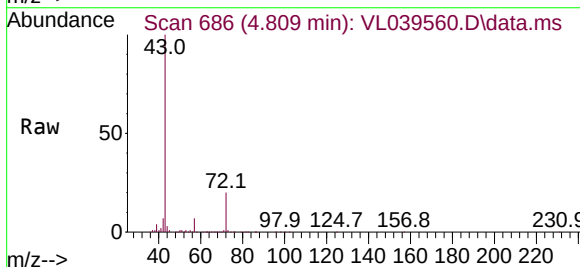
Acq: 18 Aug 2022 15:40

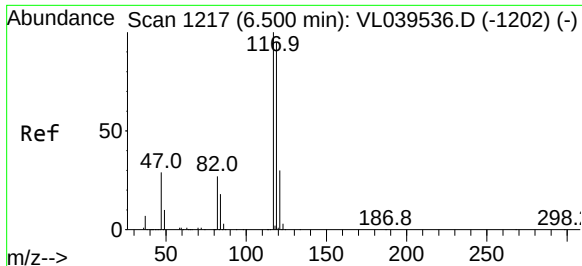
Tgt Ion: 43 Resp: 1345238

Ion Ratio Lower Upper

43 100

72 22.0 17.4 26.0

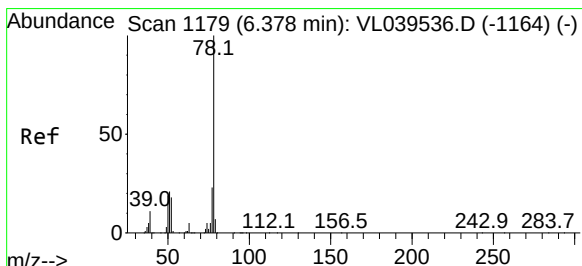
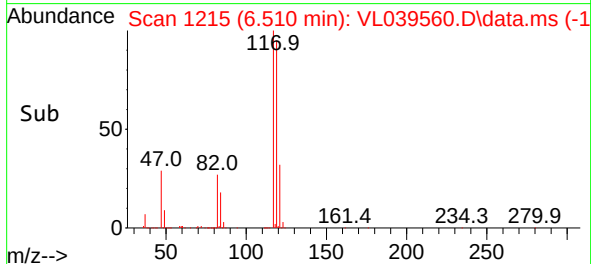
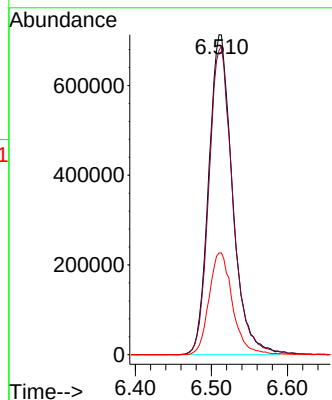
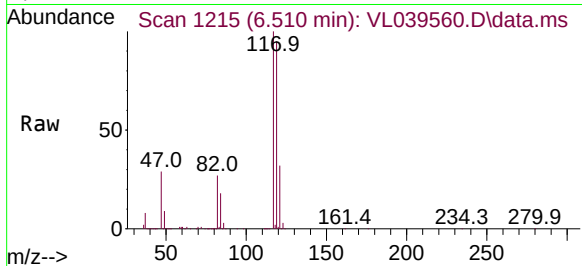




#35
Carbon Tetrachloride
Concen: 10.022 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

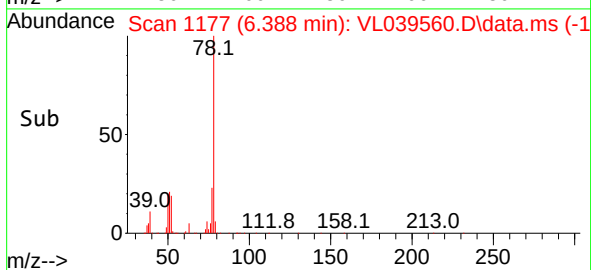
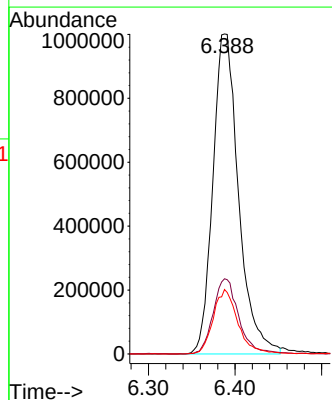
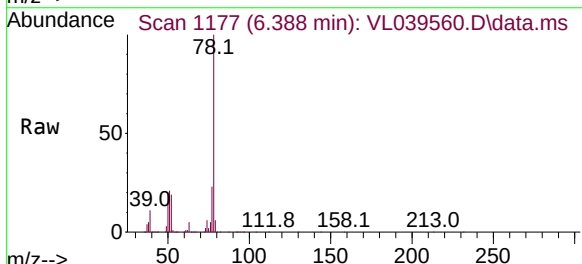
Instrument :
MSVOA_L
ClientSampleId :

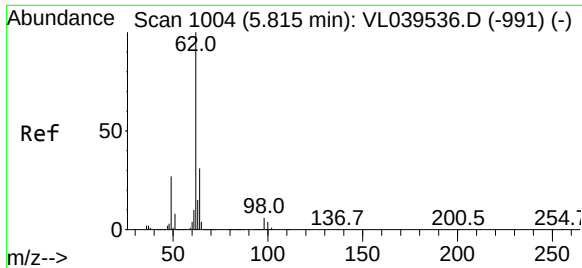
Tgt Ion:117 Resp: 1546196
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4
121 31.8 24.4 36.6



#36
Benzene
Concen: 9.887 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 78 Resp: 2066493
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8
50 20.1 15.0 22.4

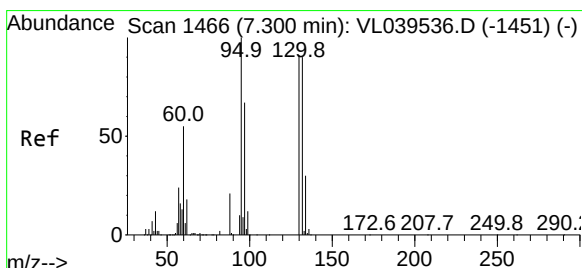
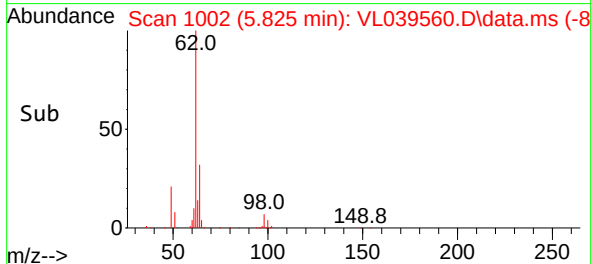
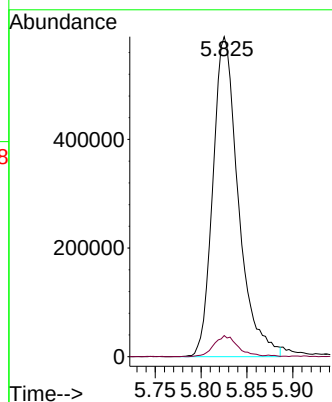
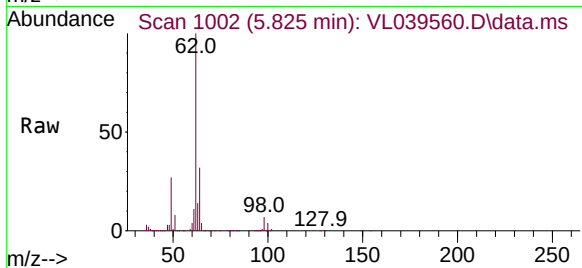




#37
1,2-Dichloroethane
Concen: 9.807 ppbv
RT: 5.825 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

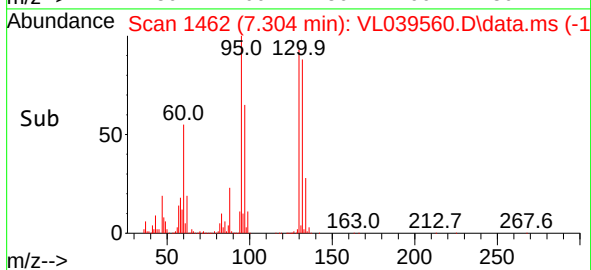
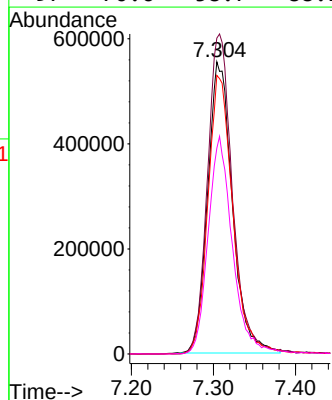
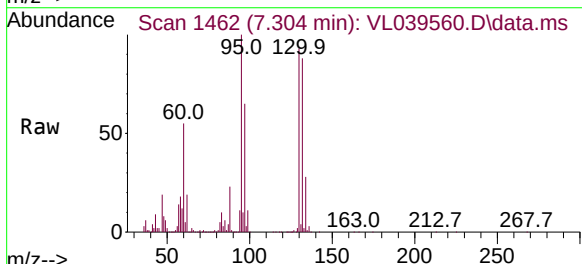
Instrument :
MSVOA_L
ClientSampleId :

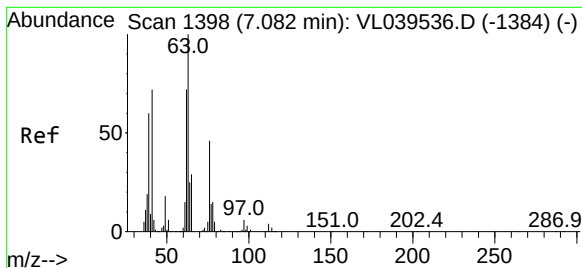
Tgt Ion: 62 Resp: 1138777
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.2



#38
Trichloroethene
Concen: 10.220 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion:130 Resp: 1160388
Ion Ratio Lower Upper
130 100
95 108.5 88.0 132.0
132 95.5 79.1 118.7
97 70.6 58.7 88.1

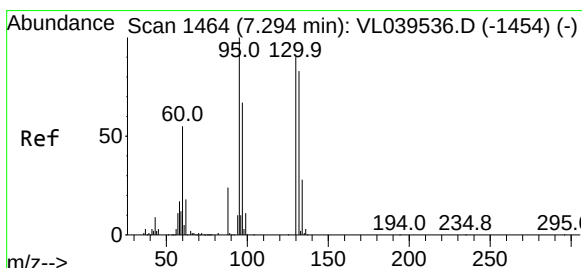
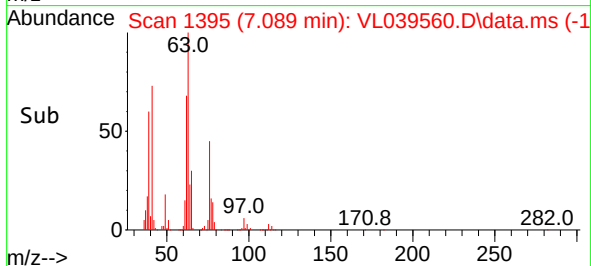
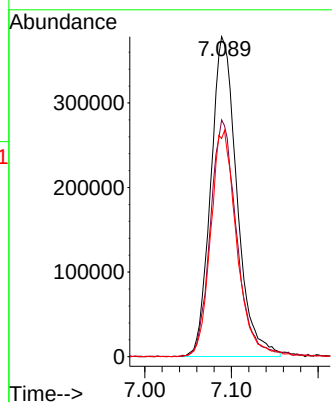
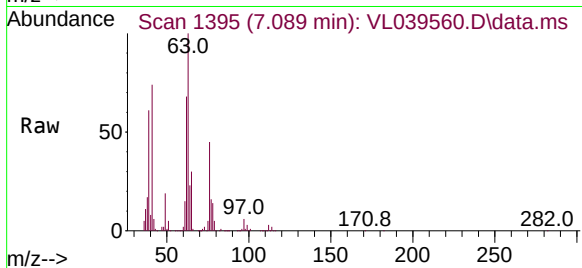




#39
1,2-Dichloropropane
Concen: 10.128 ppbv
RT: 7.089 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

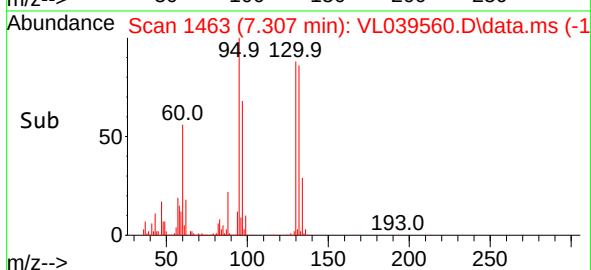
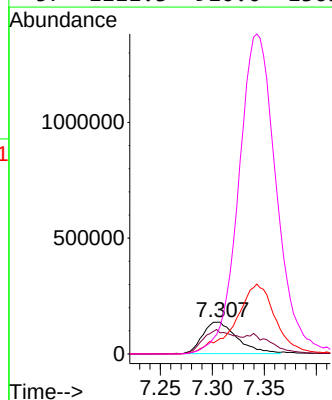
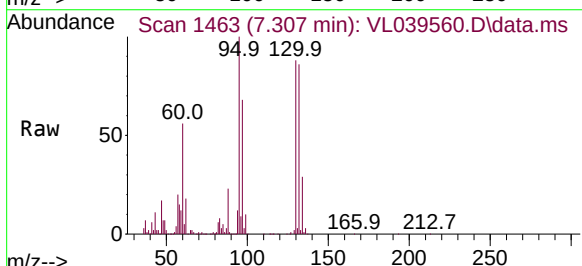
Instrument :
MSVOA_L
ClientSampleId :

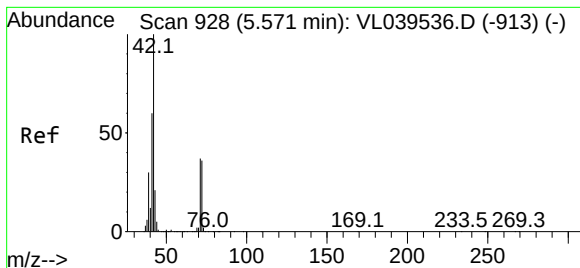
Tgt Ion: 63 Resp: 793335
Ion Ratio Lower Upper
63 100
41 73.9 58.0 87.0
62 68.0 57.8 86.8



#40
1,4-Dioxane
Concen: 10.191 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 88 Resp: 316716
Ion Ratio Lower Upper
88 100
58 122.6 102.8 154.2
43 256.7 216.2 324.2
57 1111.3 910.0 1365.0

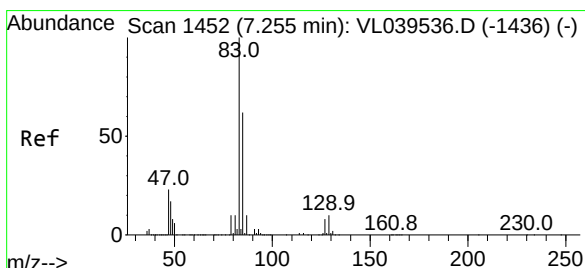
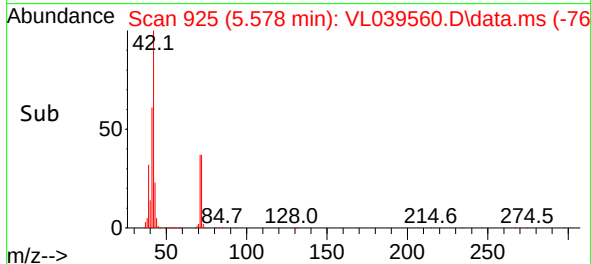
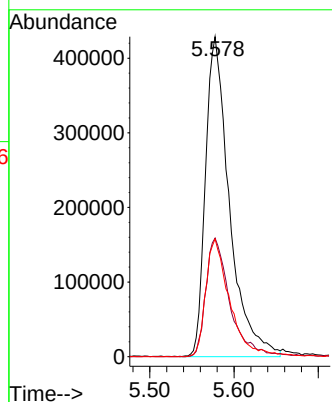
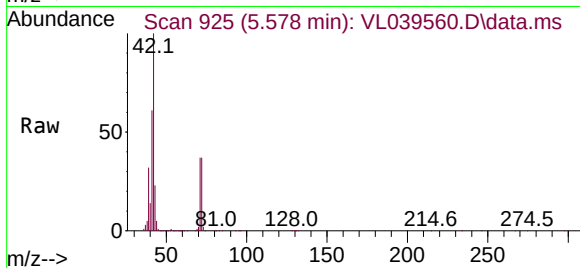




#41
Tetrahydrofuran
Concen: 10.457 ppbv
RT: 5.578 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

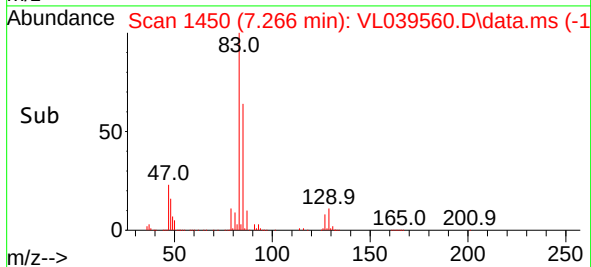
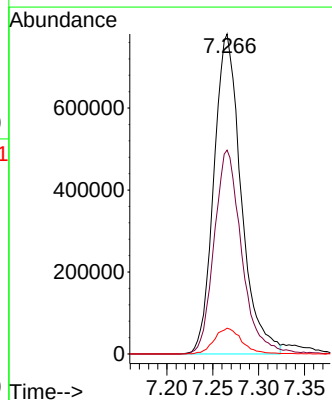
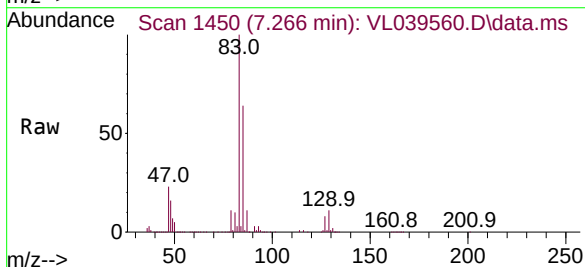
Instrument :
MSVOA_L
ClientSampleId :

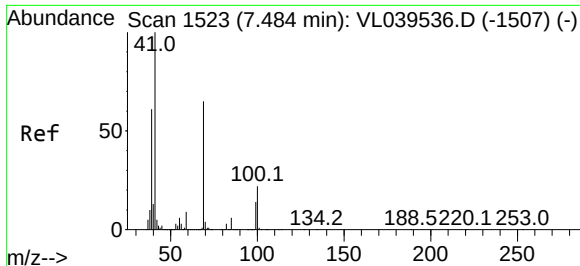
Tgt Ion: 42 Resp: 848209
Ion Ratio Lower Upper
42 100
72 38.1 30.6 45.8
71 37.2 30.7 46.1



#42
Bromodichloromethane
Concen: 10.177 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.010 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 83 Resp: 1614998
Ion Ratio Lower Upper
83 100
85 63.7 49.9 74.9
127 8.0 6.7 10.1

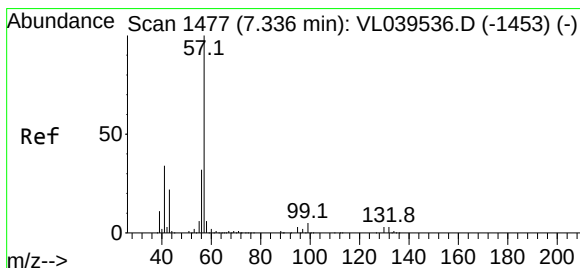
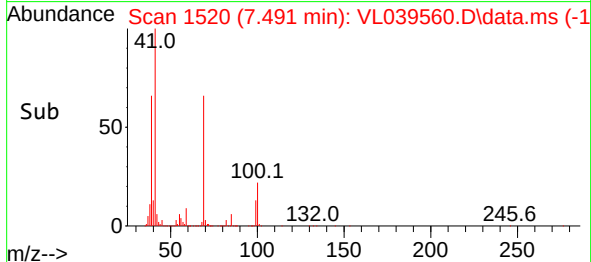
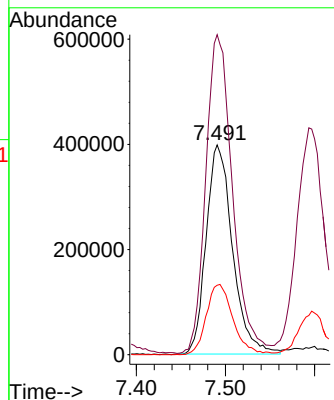
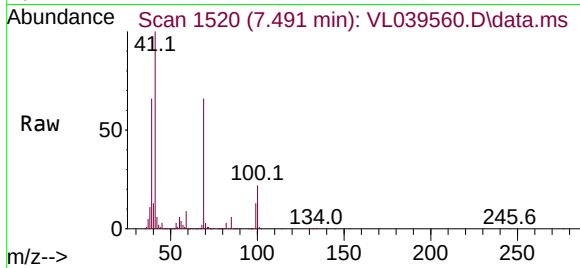




#43
Methyl Methacrylate
Concen: 10.822 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

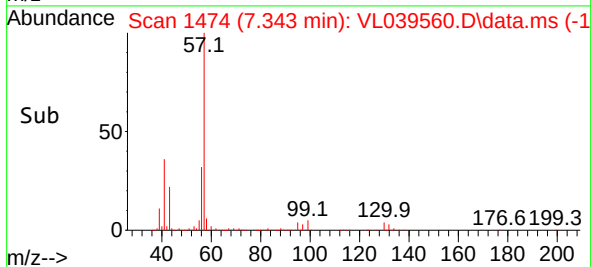
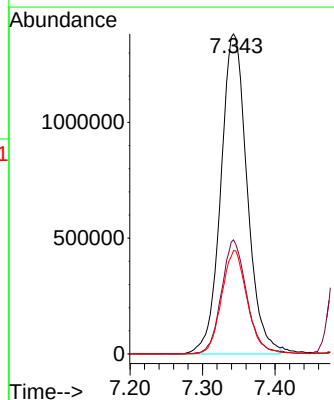
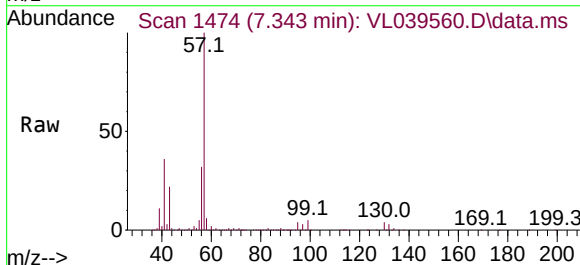
Instrument :
MSVOA_L
ClientSampleId :

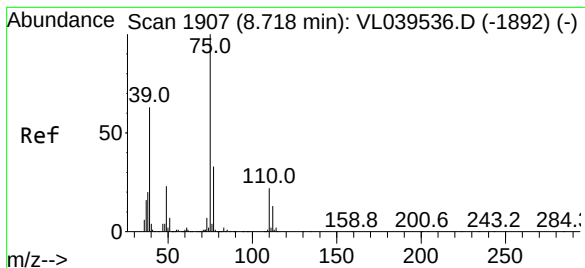
Tgt Ion: 69 Resp: 819011
Ion Ratio Lower Upper
69 100
41 155.8 123.0 184.6
100 34.1 27.4 41.2



#44
2,2,4-Trimethylpentane
Concen: 9.897 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion: 57 Resp: 3485014
Ion Ratio Lower Upper
57 100
41 34.4 27.8 41.6
56 31.6 25.5 38.3

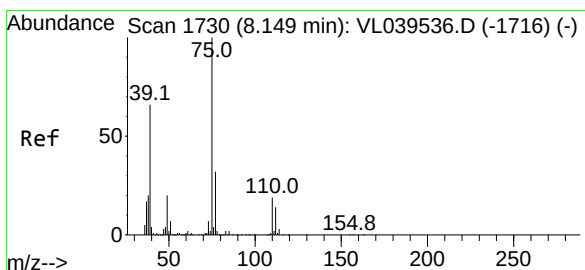
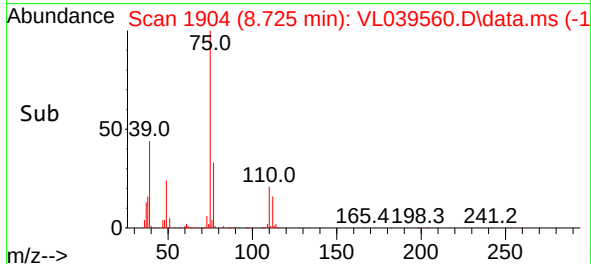
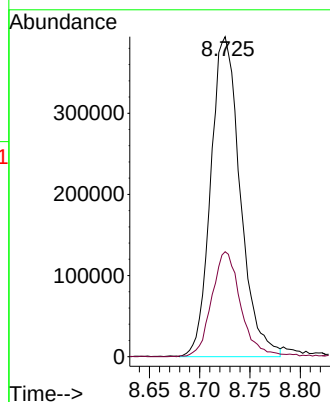
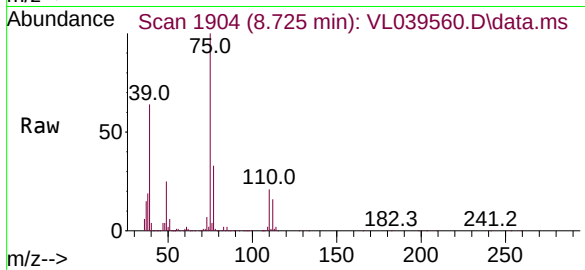




#45
 t-1,3-Dichloropropene
 Concen: 12.089 ppbv
 RT: 8.725 min Scan# 1907
 Delta R.T. 0.007 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

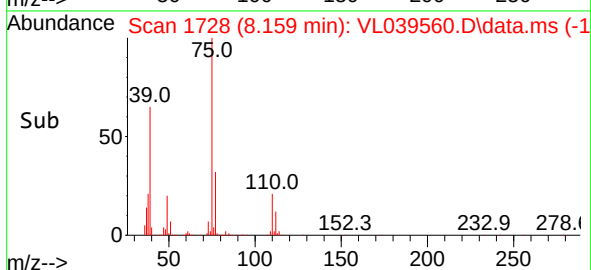
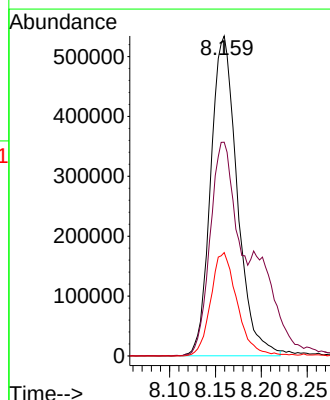
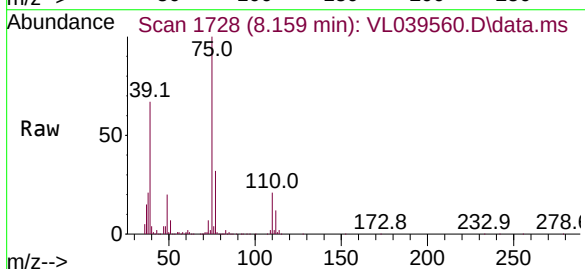
Instrument :
 MSVOA_L
 ClientSampleId :

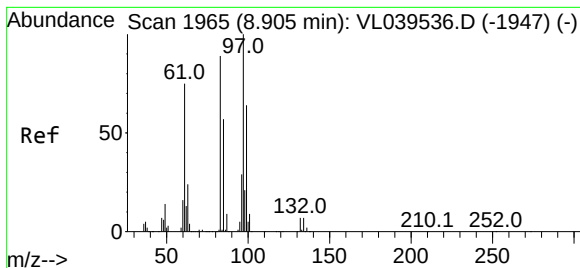
Tgt Ion: 75 Resp: 804613
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.2



#46
 cis-1,3-Dichloropropene
 Concen: 11.741 ppbv
 RT: 8.159 min Scan# 1728
 Delta R.T. 0.010 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Tgt Ion: 75 Resp: 1075352
 Ion Ratio Lower Upper
 75 100
 39 66.8 52.8 79.2
 77 32.3 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.606 ppbv

RT: 8.912 min Scan# 1965

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 862254

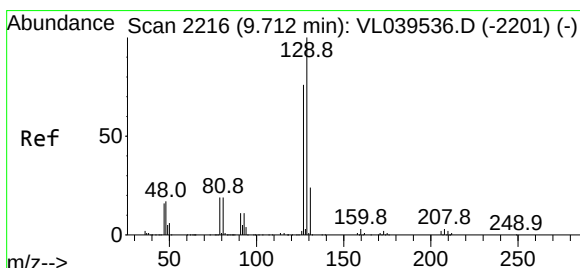
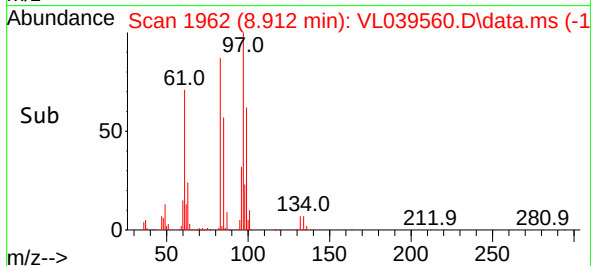
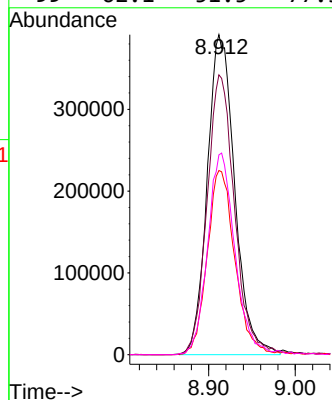
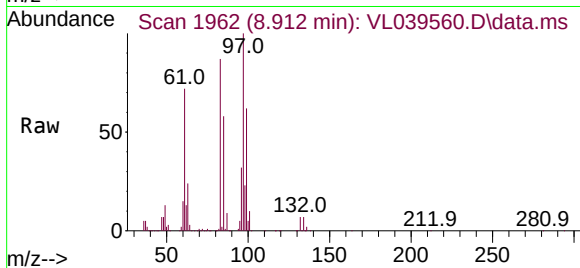
Ion Ratio Lower Upper

97 100

83 87.2 70.8 106.2

85 57.4 45.4 68.2

99 62.1 51.5 77.3



#48

Dibromochloromethane

Concen: 10.758 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.010 min

Lab File: VL039560.D

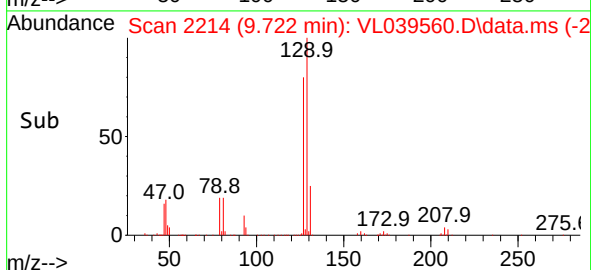
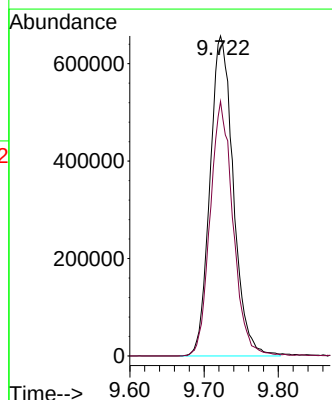
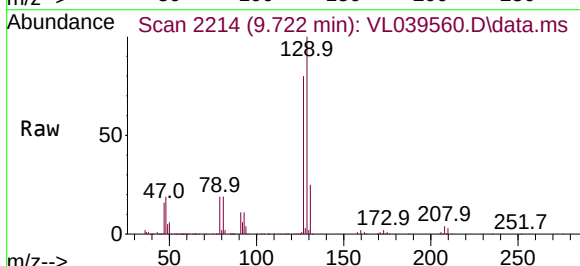
Acq: 18 Aug 2022 15:40

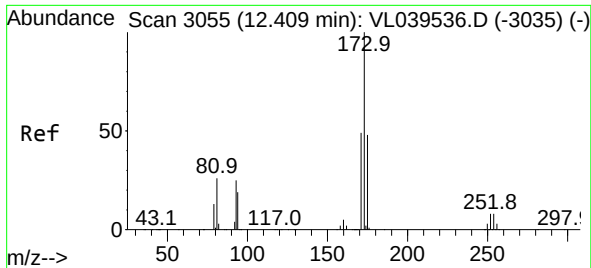
Tgt Ion: 129 Resp: 1435709

Ion Ratio Lower Upper

129 100

127 78.1 38.8 116.3





#49

Bromoform

Concen: 10.813 ppbv

RT: 12.416 min Scan# 3055

Delta R.T. 0.007 min

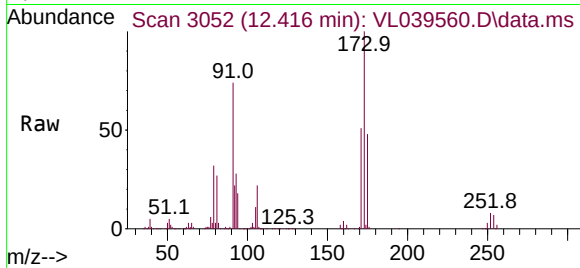
Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :



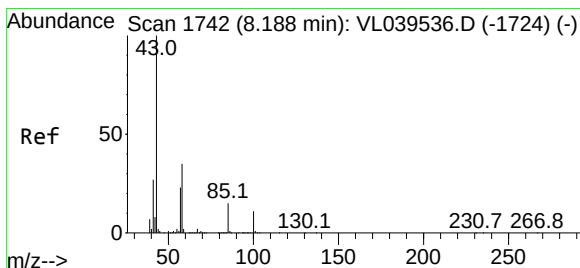
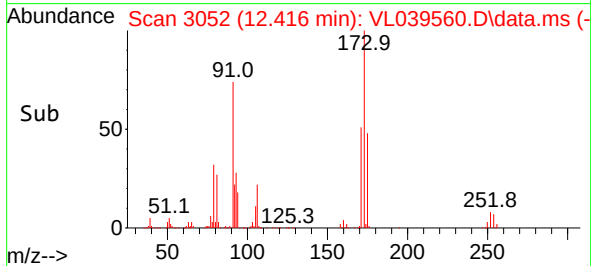
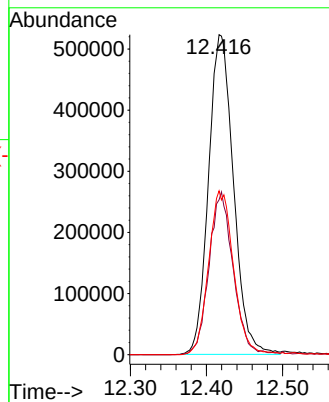
Tgt Ion:173 Resp: 1193850

Ion Ratio Lower Upper

173 100

175 49.8 0.0 0.0#

171 51.4 0.0 0.0#



#50

4-Methyl-2-Pentanone

Concen: 10.556 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.010 min

Lab File: VL039560.D

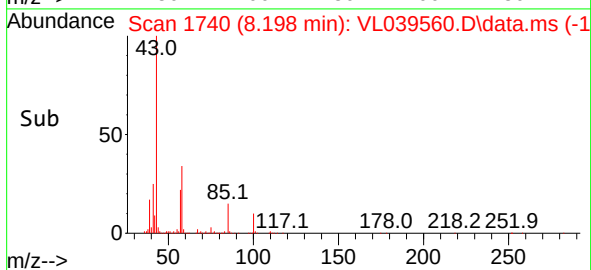
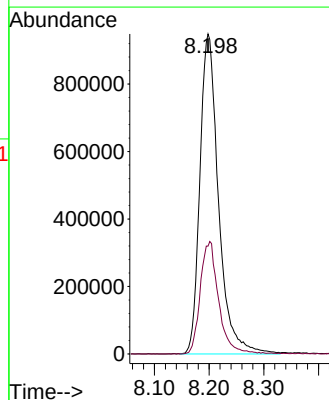
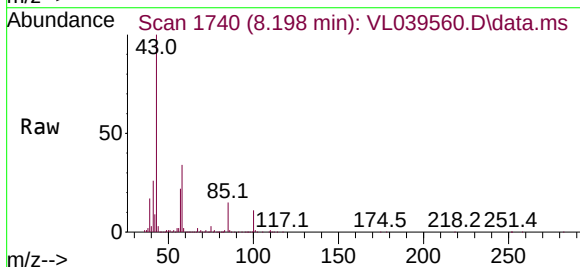
Acq: 18 Aug 2022 15:40

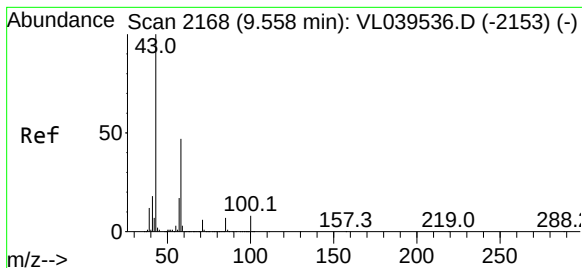
Tgt Ion: 43 Resp: 2239301

Ion Ratio Lower Upper

43 100

58 34.8 28.0 42.0

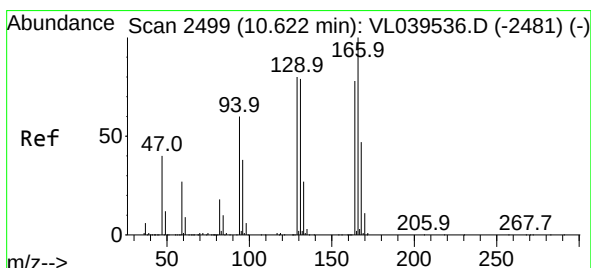
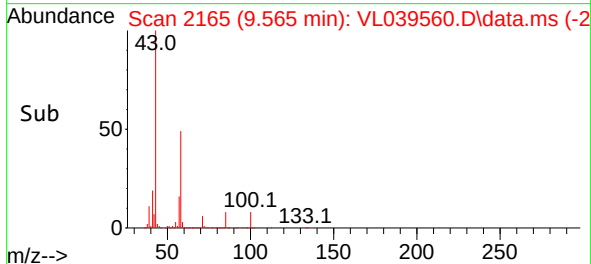
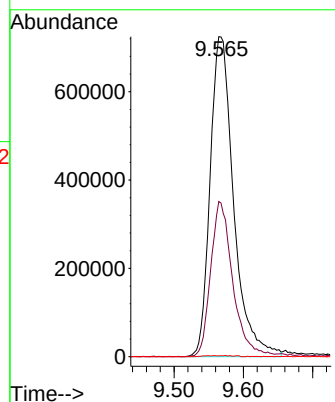
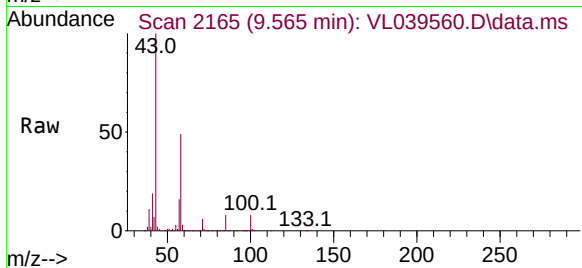




#51
2-Hexanone
Concen: 10.940 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

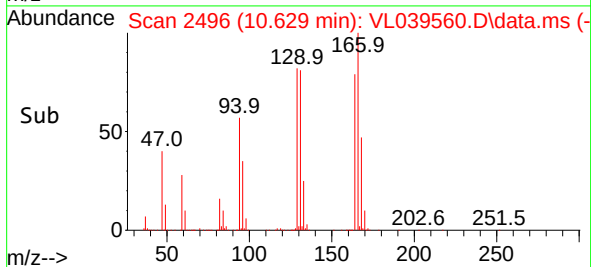
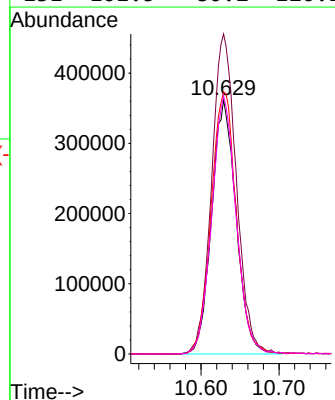
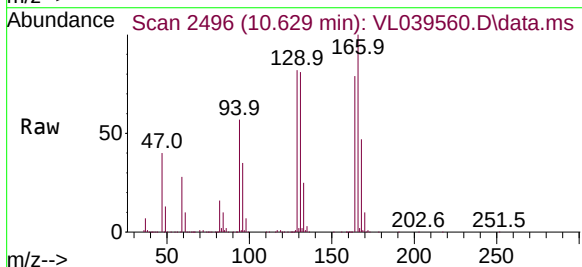
Instrument :
MSVOA_L
ClientSampleId :

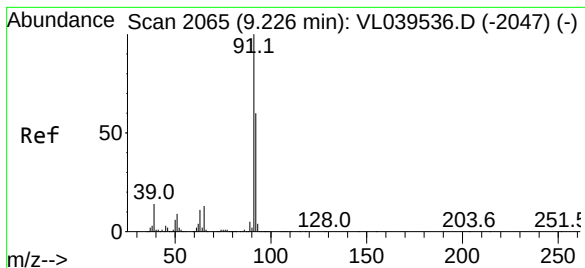
Tgt Ion: 43 Resp: 1710552
Ion Ratio Lower Upper
43 100
58 46.3 37.5 56.3
98 0.5 0.5 0.7#



#52
Tetrachloroethene
Concen: 9.593 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion:164 Resp: 785380
Ion Ratio Lower Upper
164 100
166 125.8 102.0 153.0
129 103.0 81.7 122.5
131 101.5 80.2 120.2





#53

Toluene

Concen: 10.501 ppbv

RT: 9.233 min Scan# 2062

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

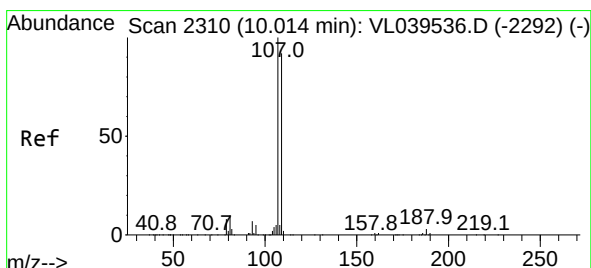
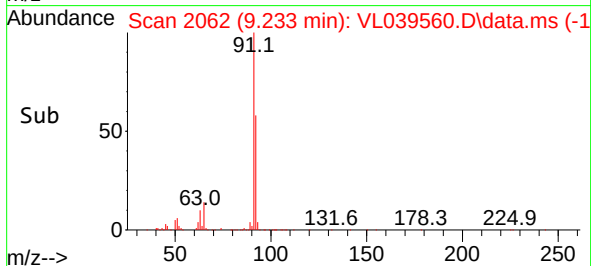
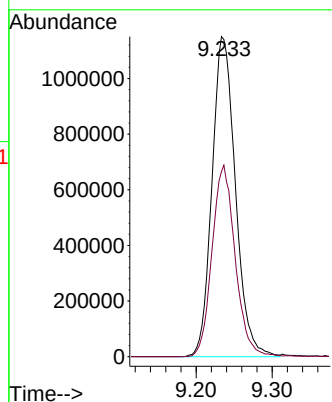
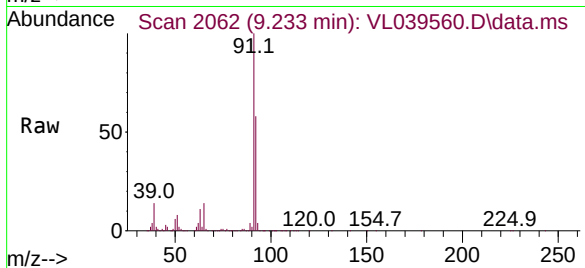
ClientSampleId :

Tgt Ion: 91 Resp: 2459072

Ion Ratio Lower Upper

91 100

92 59.3 47.9 71.9



#54

1,2-Dibromoethane

Concen: 10.111 ppbv

RT: 10.021 min Scan# 2307

Delta R.T. 0.007 min

Lab File: VL039560.D

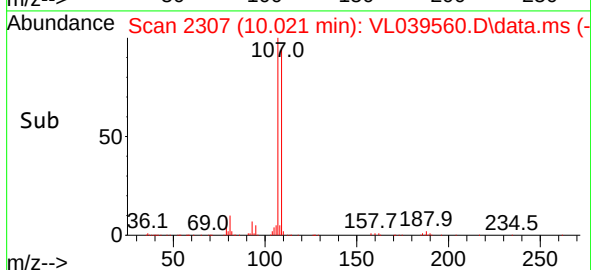
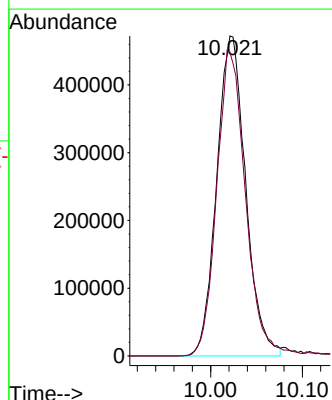
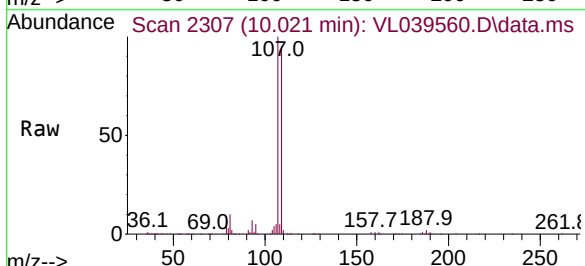
Acq: 18 Aug 2022 15:40

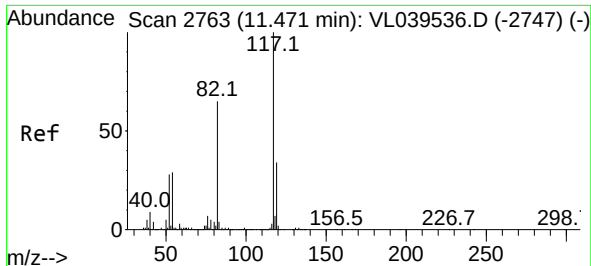
Tgt Ion: 107 Resp: 1035292

Ion Ratio Lower Upper

107 100

109 94.8 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2763

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

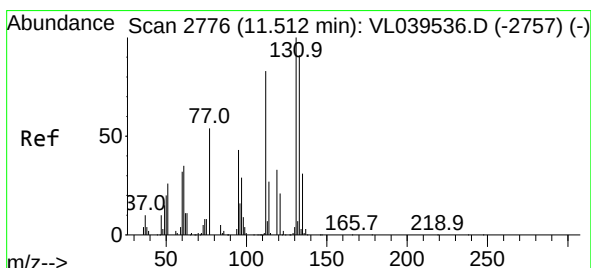
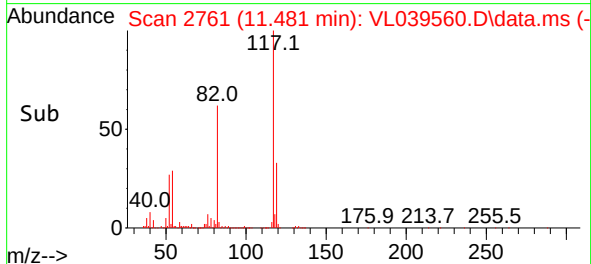
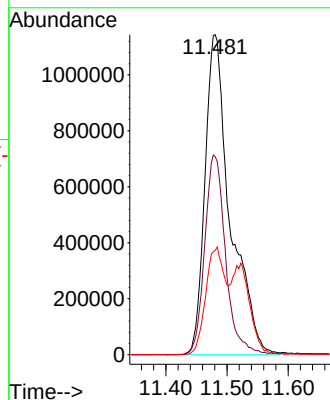
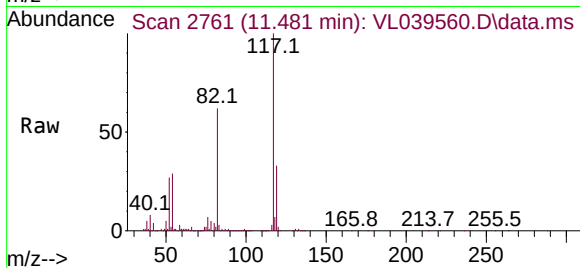
Tgt Ion:117 Resp: 3291507

Ion Ratio Lower Upper

117 100

82 51.5 49.1 73.7

119 24.8 25.9 38.9#



#56

1,1,1,2-Tetrachloroethane

Concen: 7.637 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

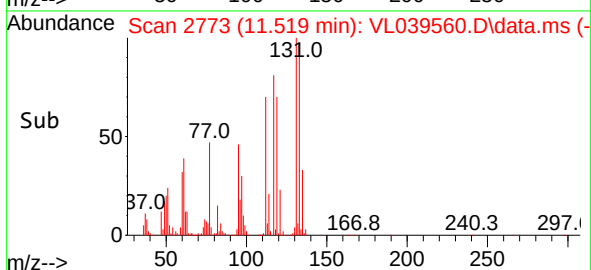
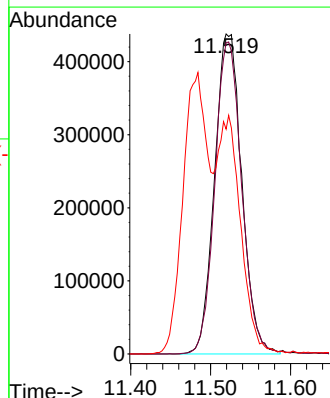
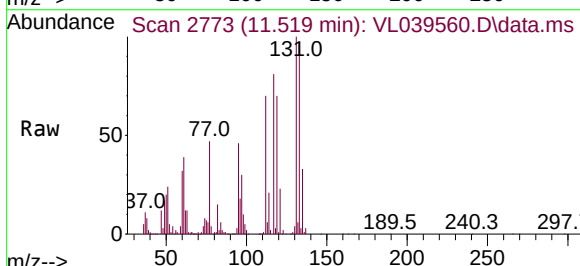
Tgt Ion:131 Resp: 1034645

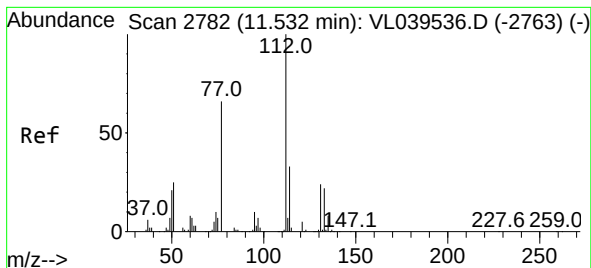
Ion Ratio Lower Upper

131 100

133 96.5 75.4 113.2

119 64.1 47.4 71.2





#57

Chlorobenzene

Concen: 7.551 ppbv

RT: 11.539 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

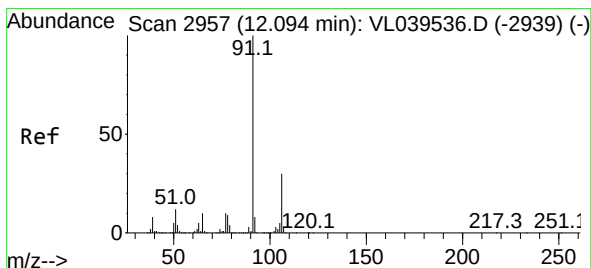
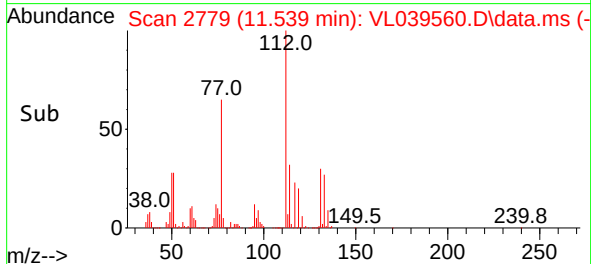
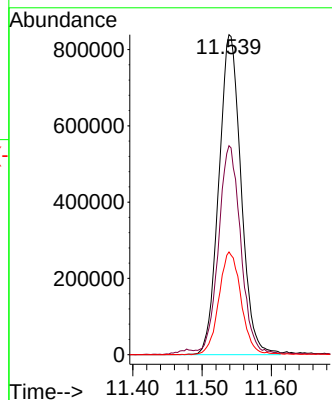
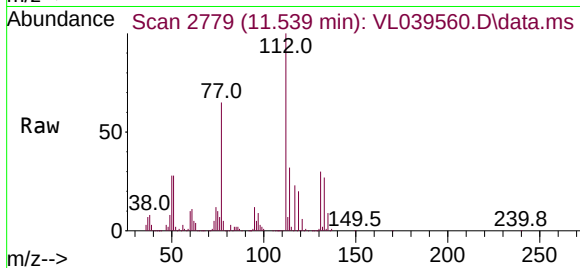
Tgt Ion:112 Resp: 1868695

Ion Ratio Lower Upper

112 100

77 64.8 53.4 80.0

114 32.0 29.5 36.1



#58

Ethyl Benzene

Concen: 8.464 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. 0.007 min

Lab File: VL039560.D

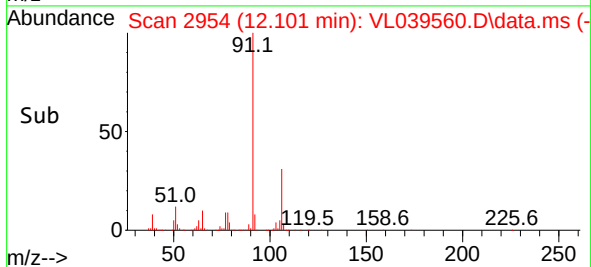
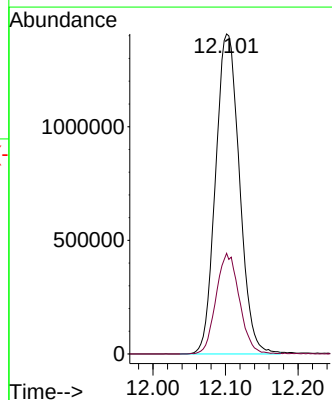
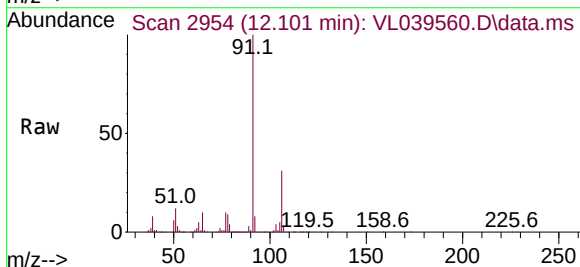
Acq: 18 Aug 2022 15:40

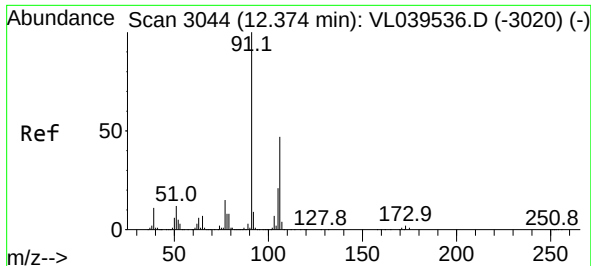
Tgt Ion: 91 Resp: 3225955

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.4





#59

m/p-Xylene

Concen: 8.592 ppbv

RT: 12.388 min Scan# 3044

Delta R.T. 0.013 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

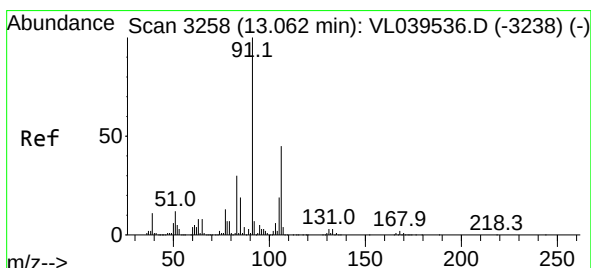
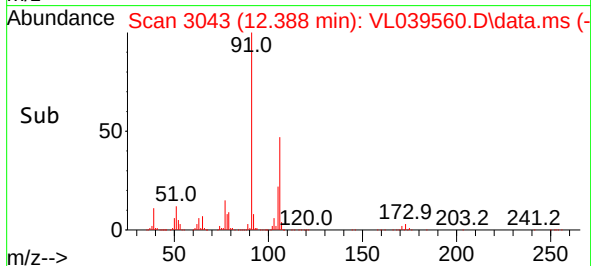
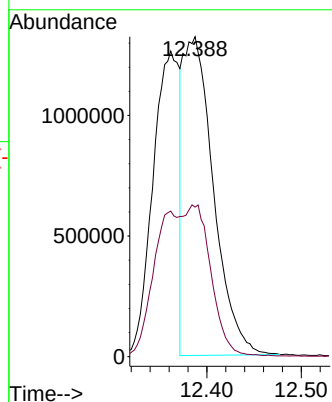
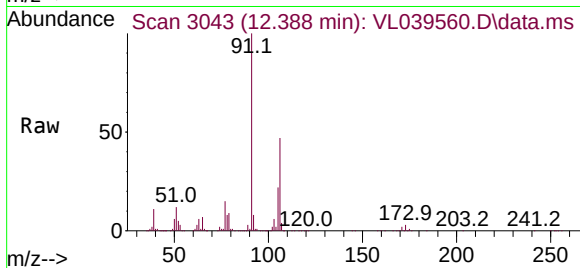
ClientSampleId :

Tgt Ion: 91 Resp: 2944426

Ion Ratio Lower Upper

91 100

106 83.8 0.0 0.0#



#60

o-Xylene

Concen: 8.014 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039560.D

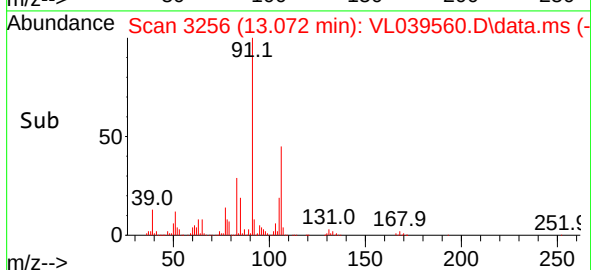
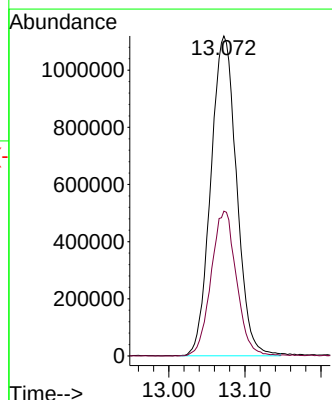
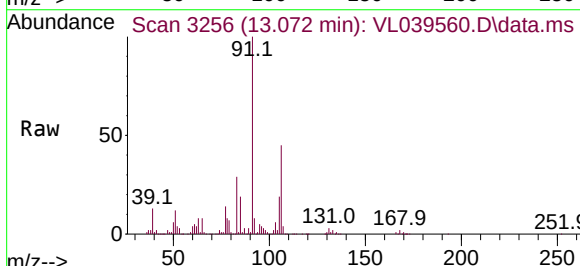
Acq: 18 Aug 2022 15:40

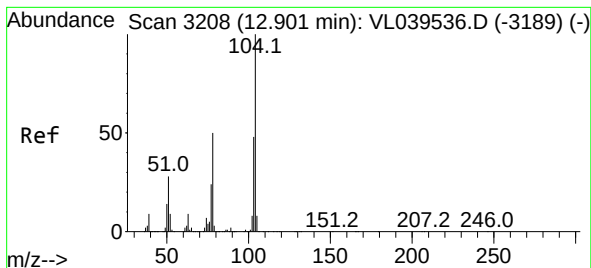
Tgt Ion: 91 Resp: 2633175

Ion Ratio Lower Upper

91 100

106 44.9 22.7 68.0





#61

Styrene

Concen: 9.017 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

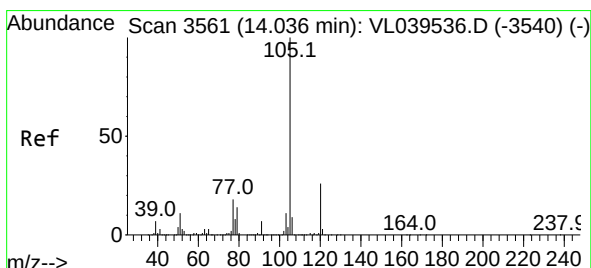
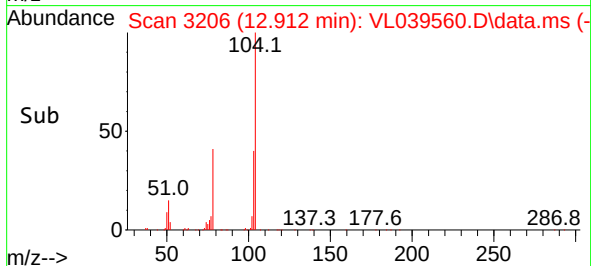
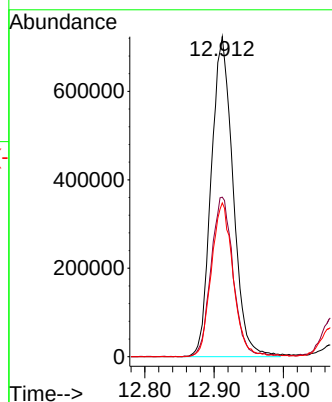
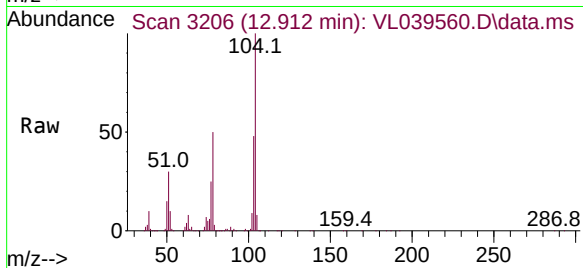
Tgt Ion:104 Resp: 1580610

Ion Ratio Lower Upper

104 100

78 51.0 40.0 60.0

103 48.4 38.2 57.2



#62

Isopropylbenzene

Concen: 7.675 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.004 min

Lab File: VL039560.D

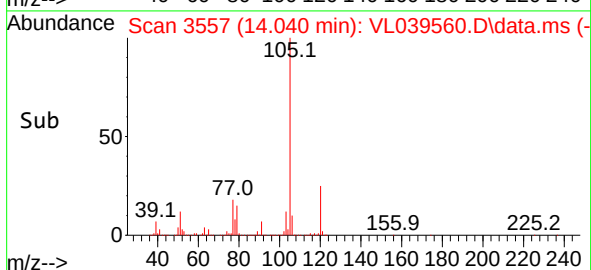
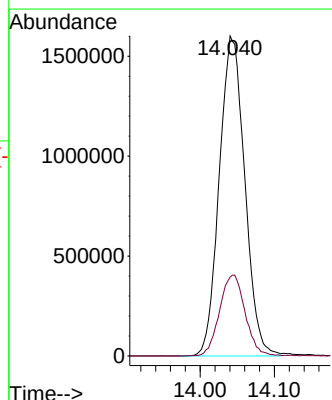
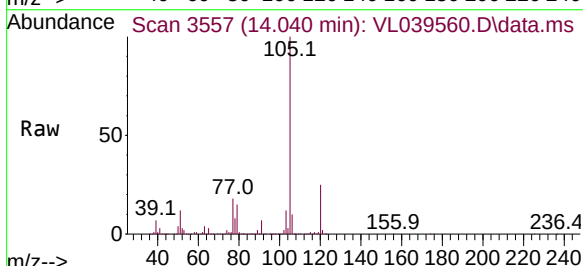
Acq: 18 Aug 2022 15:40

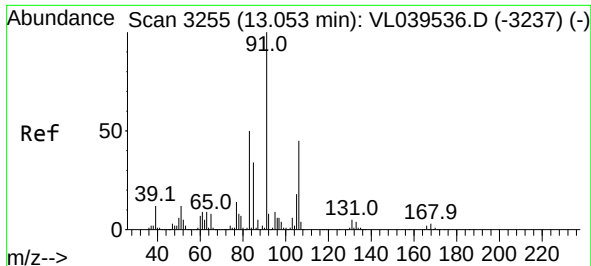
Tgt Ion:105 Resp: 3816236

Ion Ratio Lower Upper

105 100

120 25.6 20.6 30.8

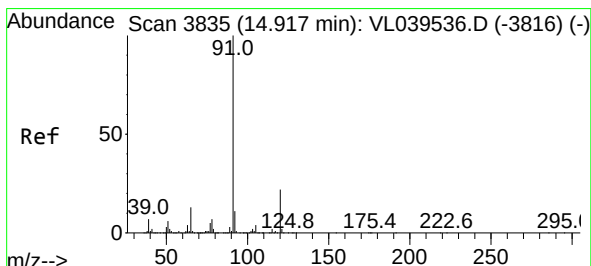
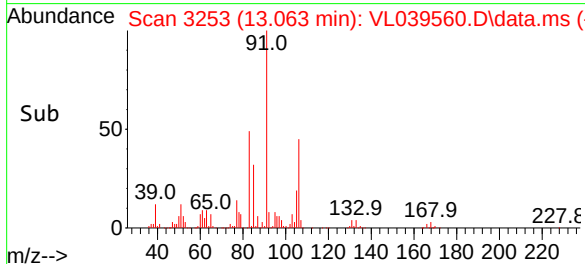
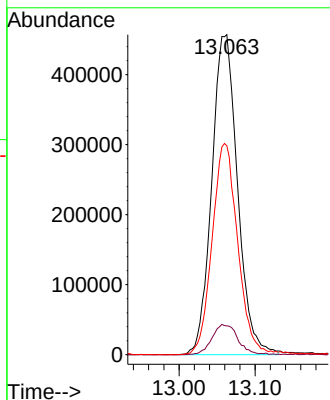
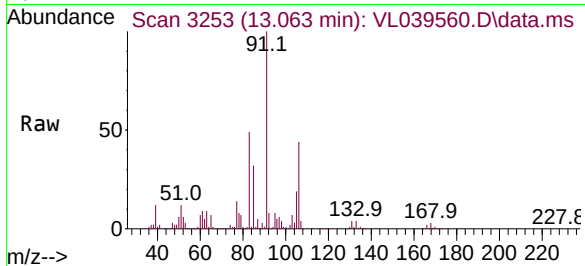




#63
1,1,2,2-Tetrachloroethane
Concen: 6.524 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

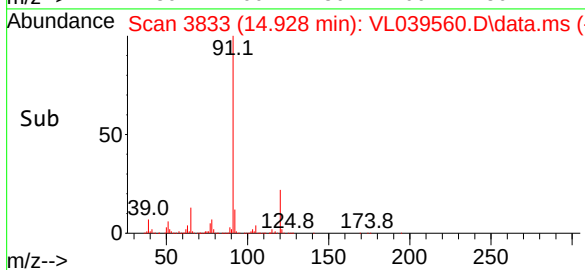
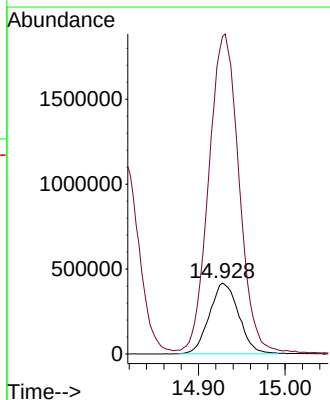
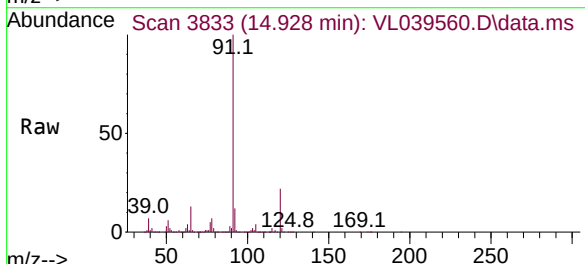
Instrument :
MSVOA_L
ClientSampleId :

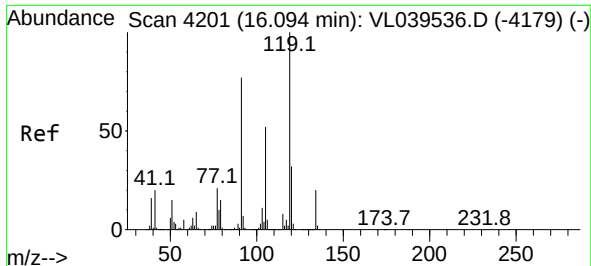
Tgt Ion: 83 Resp: 1077939
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 66.2 33.2 99.6



#64
n-propylbenzene
Concen: 7.531 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

Tgt Ion:120 Resp: 976423
Ion Ratio Lower Upper
120 100
91 473.8 372.6 559.0

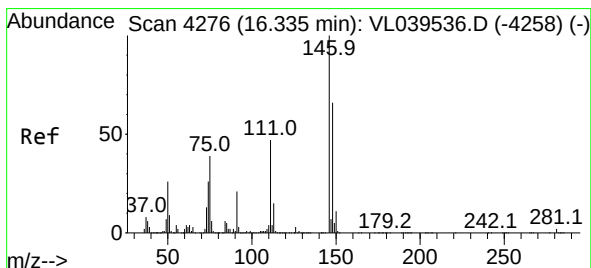
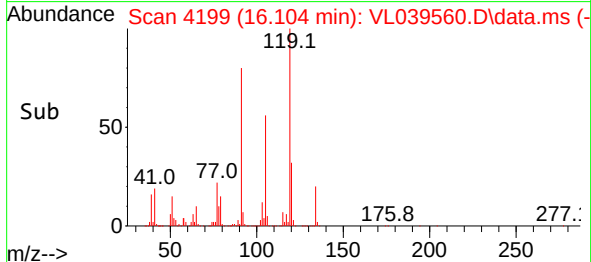
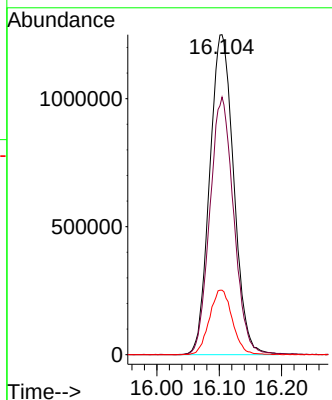
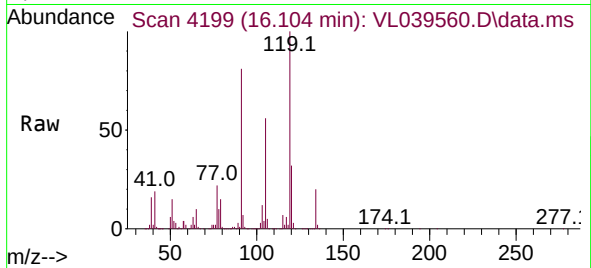




#65
 tert-Butylbenzene
 Concen: 7.557 ppbv
 RT: 16.104 min Scan# 4179
 Delta R.T. 0.010 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

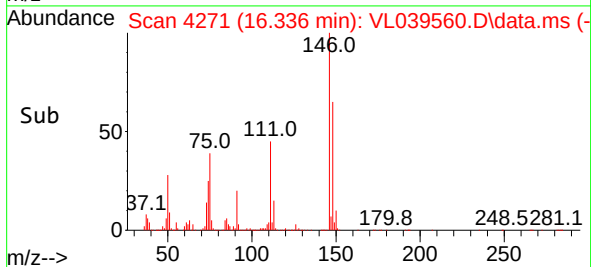
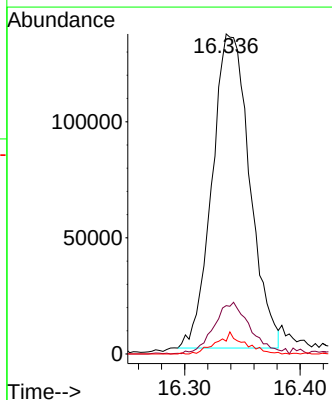
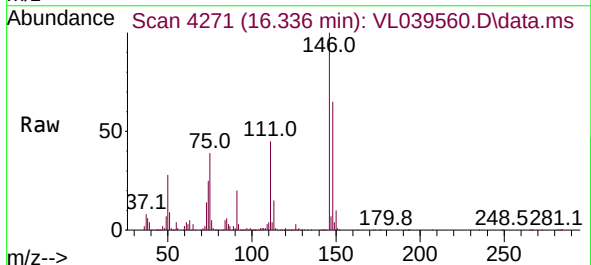
Instrument :
 MSVOA_L
 ClientSampleId :

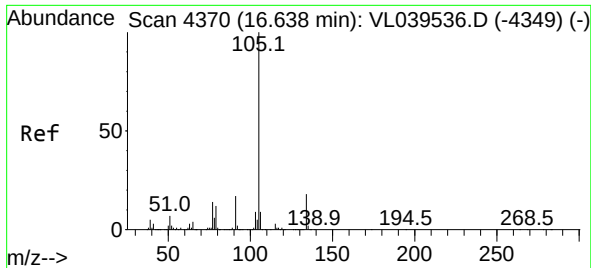
Tgt Ion:119 Resp: 3350271
 Ion Ratio Lower Upper
 119 100
 91 79.7 63.8 95.8
 134 19.3 15.4 23.2



#66
 Benzyl Chloride
 Concen: 8.038 ppbv
 RT: 16.336 min Scan# 4271
 Delta R.T. 0.001 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Tgt Ion: 91 Resp: 305776
 Ion Ratio Lower Upper
 91 100
 126 16.0 0.0 0.0#
 128 5.2 1.5 2.3#

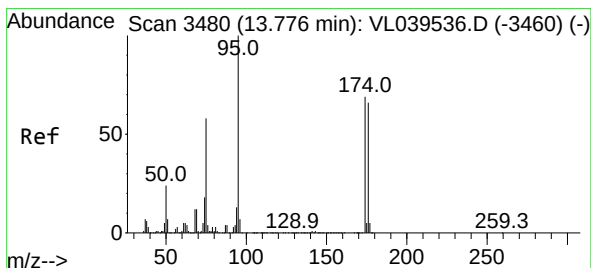
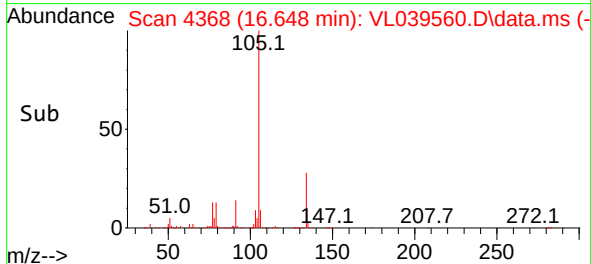
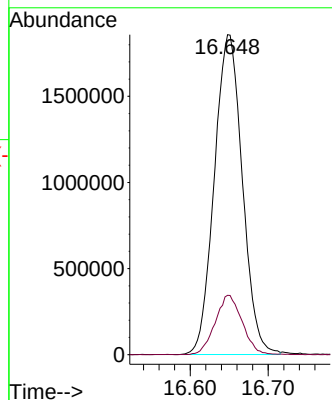
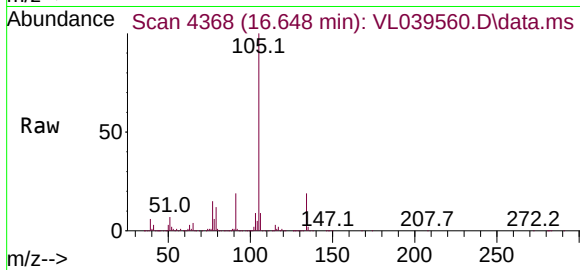




#67
 sec-Butylbenzene
 Concen: 7.416 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

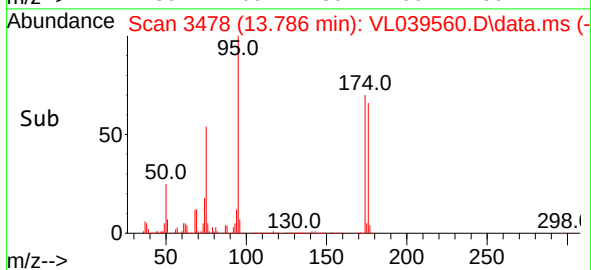
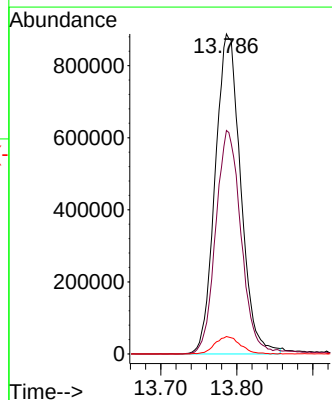
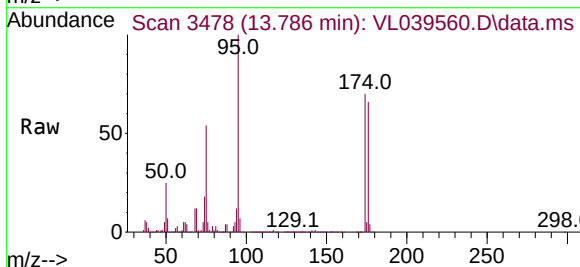
Instrument :
 MSVOA_L
 ClientSampleId :

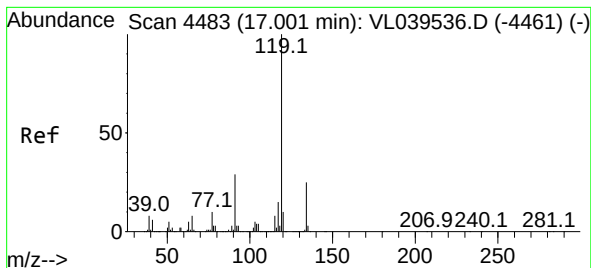
Tgt Ion:105 Resp: 4642892
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.352 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Tgt Ion: 95 Resp: 2069458
 Ion Ratio Lower Upper
 95 100
 174 70.7 56.3 84.5
 175 5.5 4.3 6.5





#69

p-Isopropyltoluene

Concen: 7.521 ppbv

RT: 17.008 min Scan# 44

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

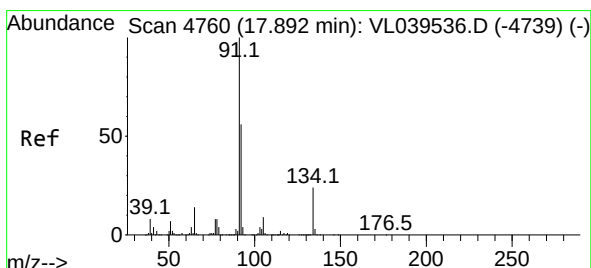
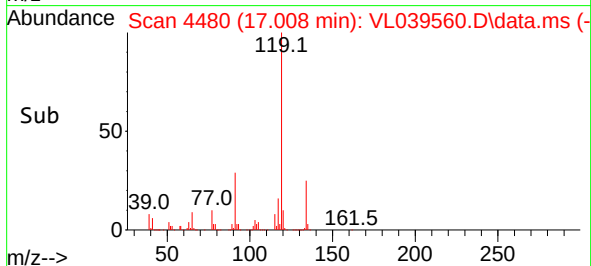
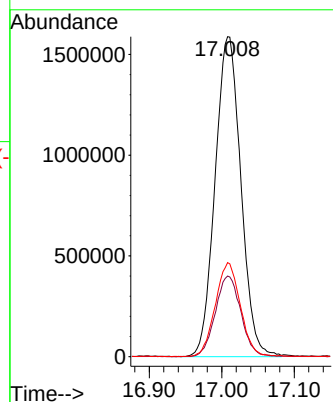
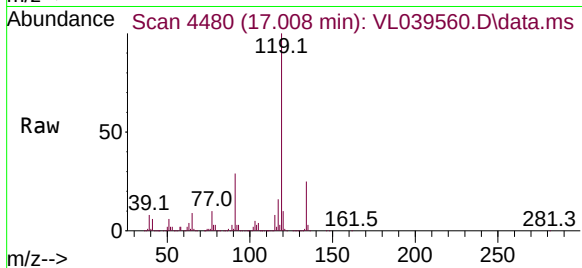
Tgt Ion:119 Resp: 3922381

Ion Ratio Lower Upper

119 100

134 25.0 19.8 29.6

91 28.7 22.6 33.8



#70

n-Butylbenzene

Concen: 7.527 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

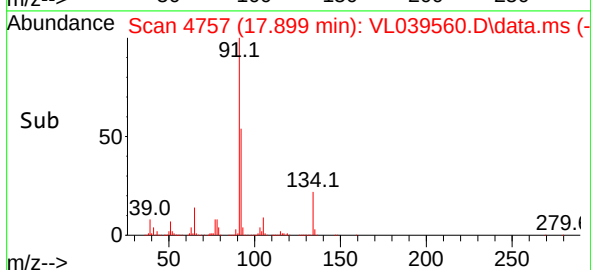
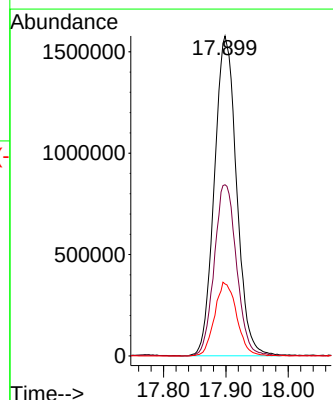
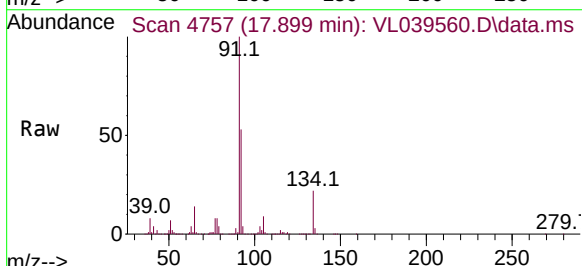
Tgt Ion: 91 Resp: 3897533

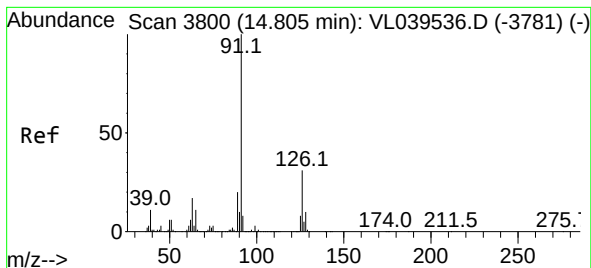
Ion Ratio Lower Upper

91 100

92 53.9 43.0 64.6

134 23.0 18.1 27.1





#71

2-Chlorotoluene

Concen: 7.756 ppbv

RT: 14.815 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

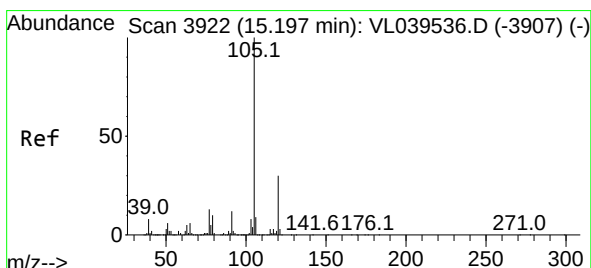
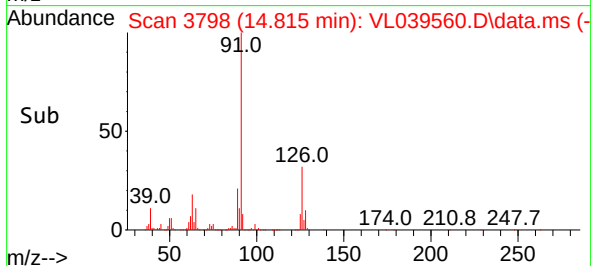
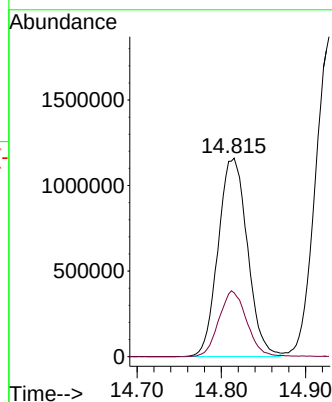
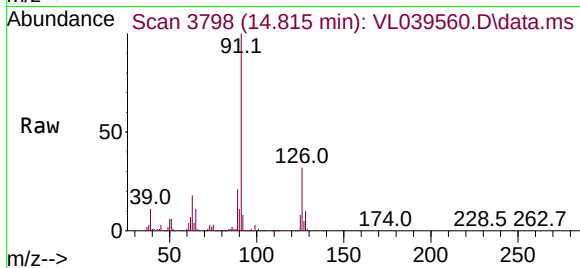
ClientSampleId :

Tgt Ion: 91 Resp: 2794547

Ion Ratio Lower Upper

91 100

126 31.9 12.9 51.5



#72

4-Ethyltoluene

Concen: 8.050 ppbv

RT: 15.204 min Scan# 3919

Delta R.T. 0.007 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Tgt Ion: 105 Resp: 3107555

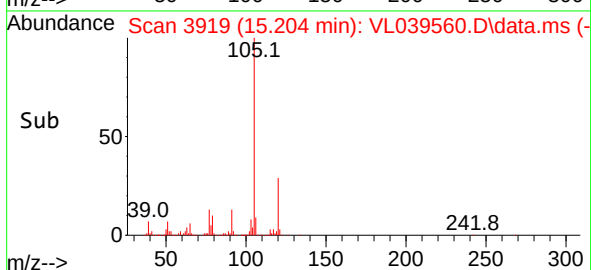
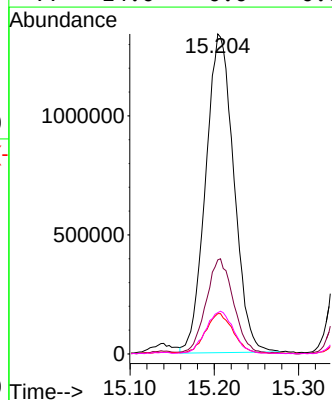
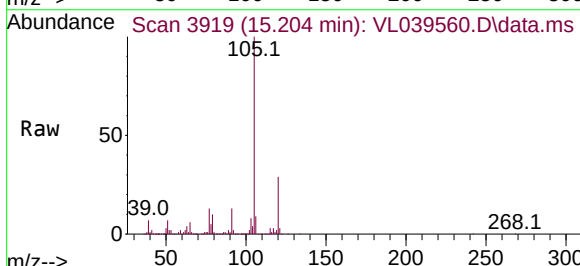
Ion Ratio Lower Upper

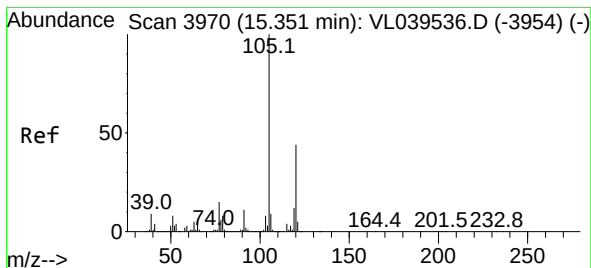
105 100

120 30.4 0.0 0.0#

91 12.7 0.0 0.0#

77 14.0 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 7.761 ppbv

RT: 15.365 min Scan# 3970

Delta R.T. 0.013 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

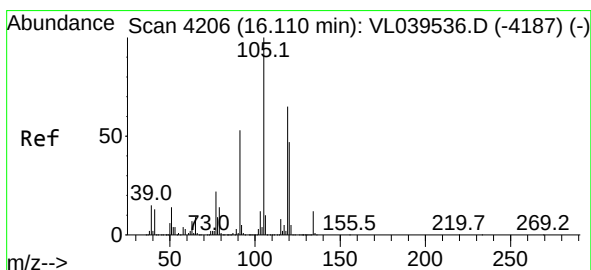
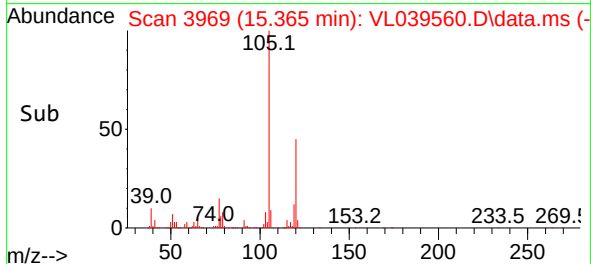
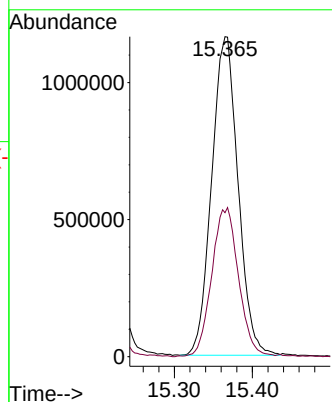
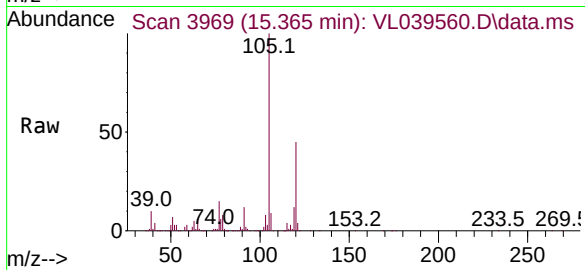
ClientSampleId :

Tgt Ion:105 Resp: 2736212

Ion Ratio Lower Upper

105 100

120 45.0 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 7.513 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Tgt Ion:105 Resp: 2953356

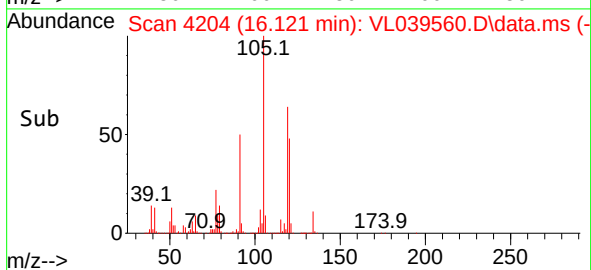
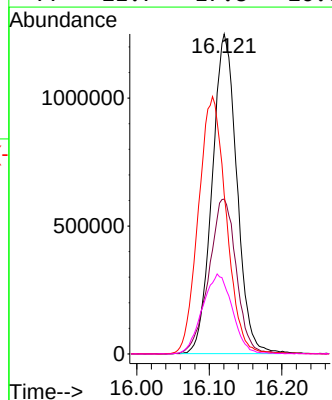
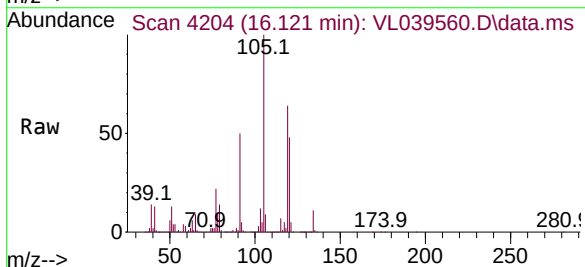
Ion Ratio Lower Upper

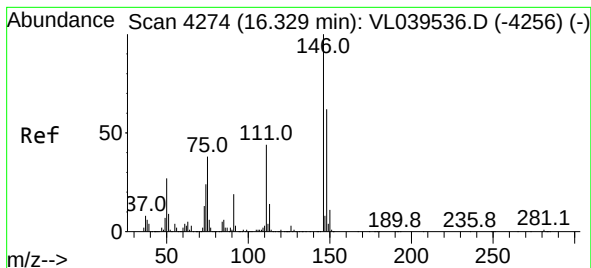
105 100

120 48.1 37.8 56.8

91 49.5 43.8 65.6

77 21.7 17.8 26.6





#75

1,3-Dichlorobenzene

Concen: 7.326 ppbv

RT: 16.342 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

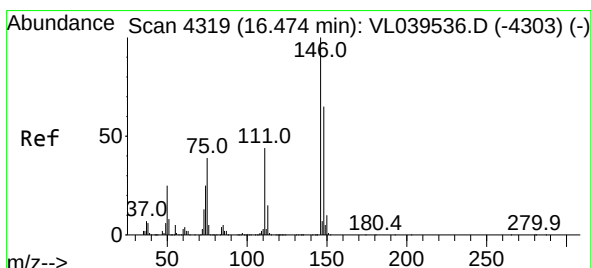
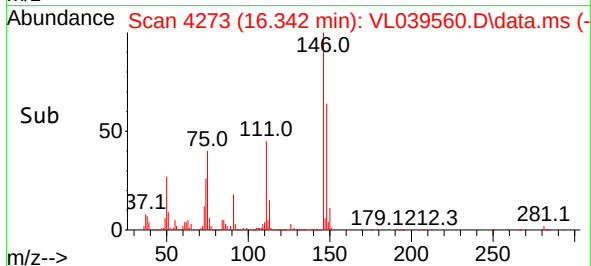
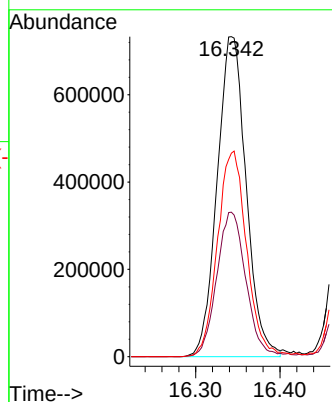
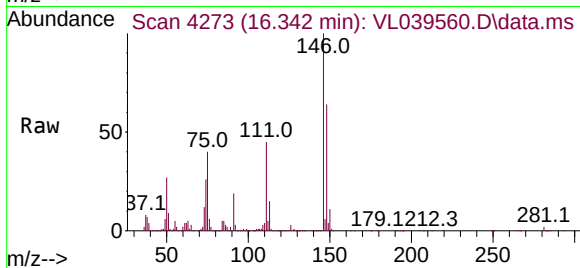
Tgt Ion:146 Resp: 1749420

Ion Ratio Lower Upper

146 100

111 45.5 22.9 68.5

148 65.0 32.4 97.0



#76

1,4-Dichlorobenzene

Concen: 7.206 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.013 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

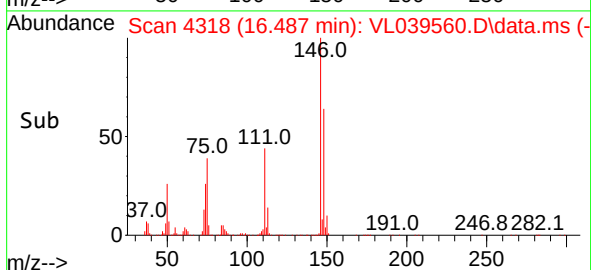
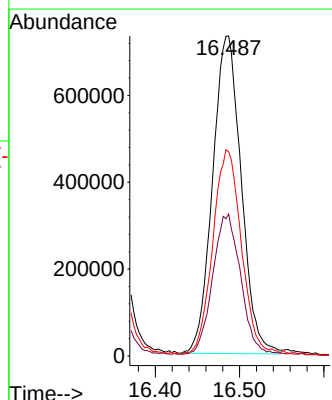
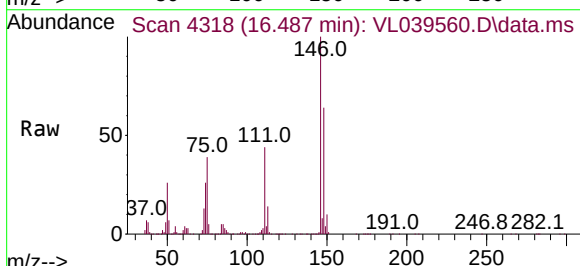
Tgt Ion:146 Resp: 1723282

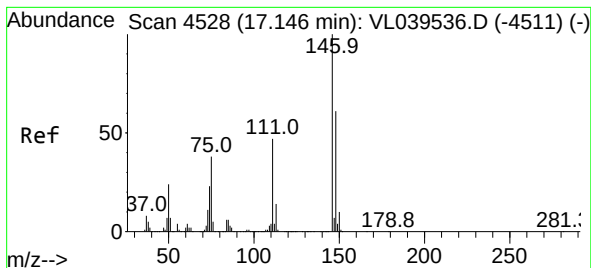
Ion Ratio Lower Upper

146 100

111 45.0 22.3 66.8

148 65.9 31.5 94.5





#77

1,2-Dichlorobenzene

Concen: 7.123 ppbv

RT: 17.156 min Scan# 4

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

Instrument :

MSVOA_L

ClientSampleId :

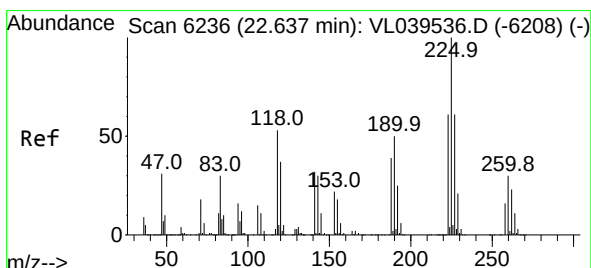
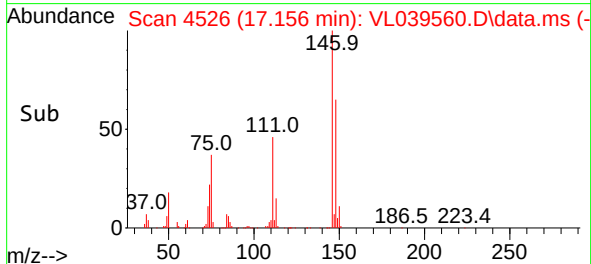
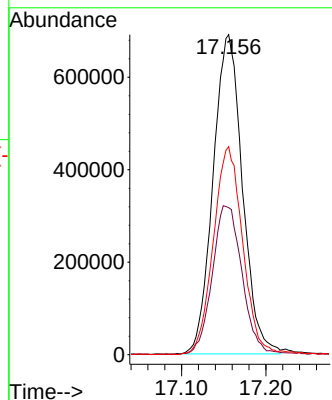
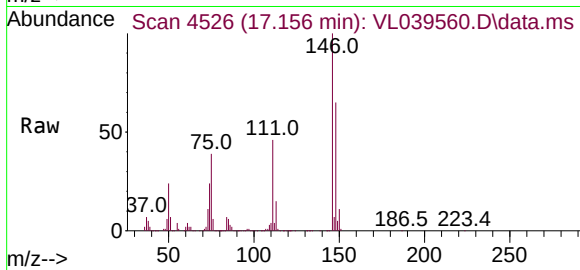
Tgt Ion:146 Resp: 1666601

Ion Ratio Lower Upper

146 100

111 47.9 23.9 71.8

148 65.7 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 3.386 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.010 min

Lab File: VL039560.D

Acq: 18 Aug 2022 15:40

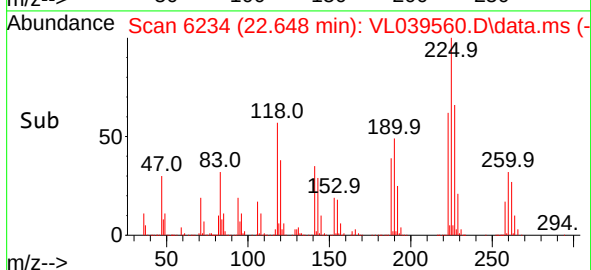
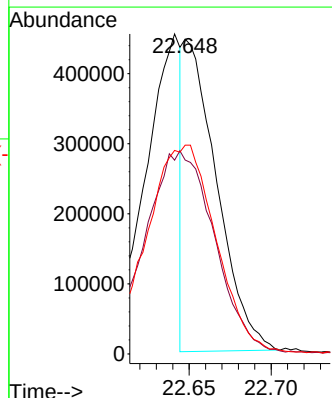
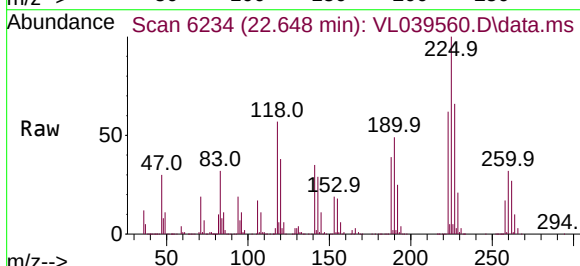
Tgt Ion:225 Resp: 629323

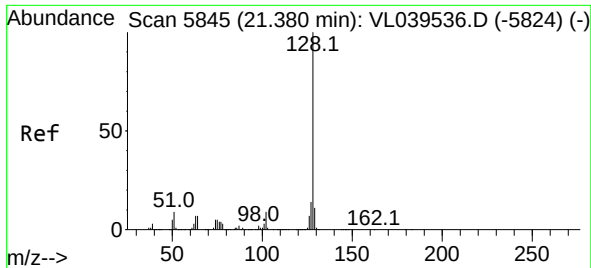
Ion Ratio Lower Upper

225 100

223 139.8 0.0 0.0#

227 142.0 0.0 0.0#

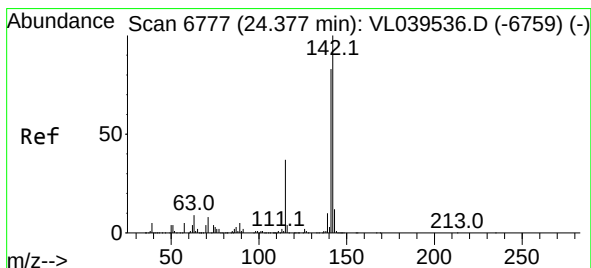
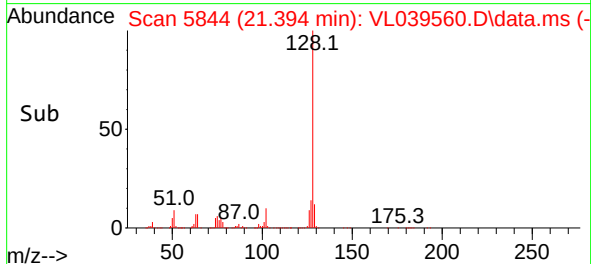
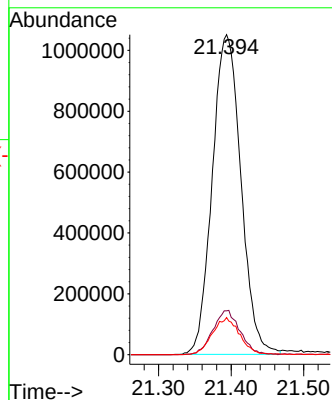
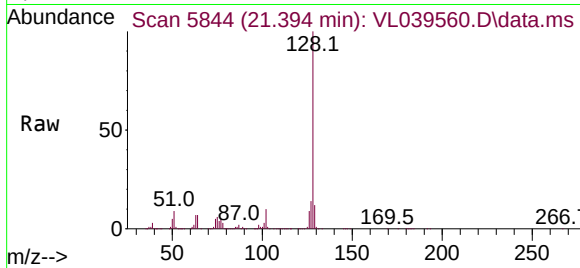




#79
Naphthalene
Concen: 10.304 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.013 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

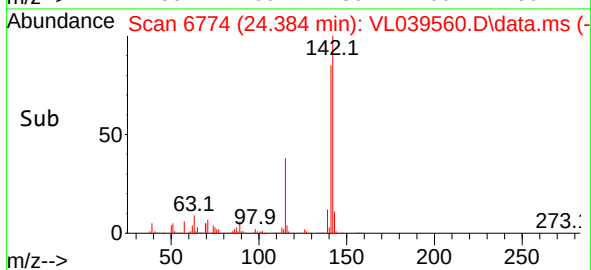
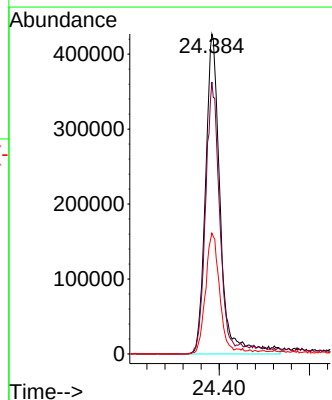
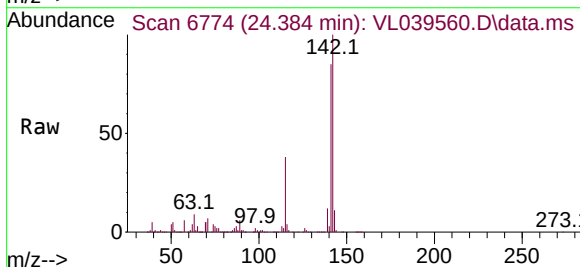
Instrument :
MSVOA_L
ClientSampleId :

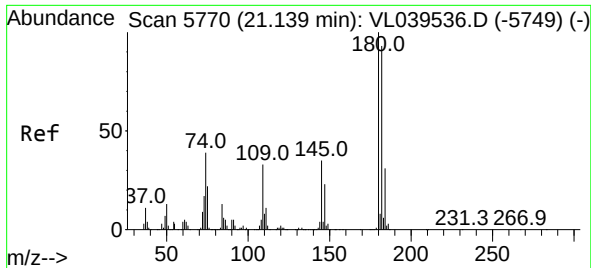
Tgt Ion:128 Resp: 2883918
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.6 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 8.734 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039560.D
Acq: 18 Aug 2022 15:40

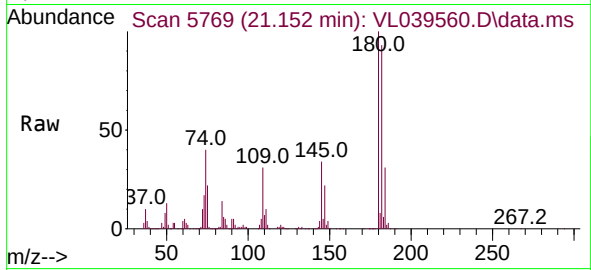
Tgt Ion:142 Resp: 965970
Ion Ratio Lower Upper
142 100
141 82.0 0.0 0.0#
115 37.4 0.0 0.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 8.609 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL039560.D
 Acq: 18 Aug 2022 15:40

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1606093
 Ion Ratio Lower Upper
 180 100
 182 97.0 0.0 0.0#
 184 30.4 0.0 0.0#

