

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039558.D
 Acq On : 18 Aug 2022 14:06
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 03:01:21 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	1089951	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2834970	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	3334571	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2096132	8.350	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	1289736	8.804	ppbv	99
3) Chlorodifluoromethane	2.703	51	1186058	9.079	ppbv	98
4) Chloromethane	2.841	50	709132	9.078	ppbv	96
5) Vinyl Chloride	2.947	62	607770	9.023	ppbv	99
6) Bromomethane	3.147	94	240872	8.734	ppbv	93
7) Chloroethane	3.224	64	225722	9.413	ppbv	96
8) Dichlorotetrafluoroethane	2.883	85	1487537	9.456	ppbv	98
9) Propene	2.719	41	561244	9.431	ppbv	100
10) Heptane	7.597	43	1370464	9.915	ppbv	100
11) Trichlorofluoromethane	3.587	101	1441810	8.960	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.089	101	1056154	8.885	ppbv	100
13) Ethanol	3.266	45	38408	8.968	ppbv	97
14) Bromoethene	3.391	108	449751	9.258	ppbv	96
15) Acetone	3.491	43	1102123	8.950	ppbv	98
16) 1,3-Butadiene	3.012	39	620173	9.698	ppbv	100
17) tert-Butyl alcohol	3.899	59	1068677	10.163	ppbv	99
18) 1,1-Dichloroethene	3.902	96	495357	9.242	ppbv	98
19) Isopropyl Alcohol	3.597	45	623195	10.355	ppbv #	100
20) Methylene Chloride	3.957	84	410620	8.190	ppbv	97
21) Allyl Chloride	4.021	41	777984	9.723	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	493667	9.271	ppbv	98
23) Vinyl Acetate	4.648	43	560107	9.047	ppbv	96
24) 1,1-Dichloroethane	4.584	63	1003290	9.208	ppbv	99
25) Ethyl Acetate	5.224	43	2479021	9.442	ppbv	99
26) Hexane	5.234	57	1013521	9.413	ppbv	99
27) Carbon Disulfide	4.147	76	1202806	10.471	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	890106	9.402	ppbv	100
29) Chloroform	5.295	83	1534026	9.103	ppbv	96
30) Cyclohexane	6.623	84	844737	9.448	ppbv #	100
31) cis-1,2-Dichloroethene	5.098	61	1012172	9.722	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1470145	9.301	ppbv	99
34) 2-Butanone	4.809	43	1428332	10.022	ppbv	100
35) Carbon Tetrachloride	6.510	117	1556636	9.760	ppbv	100
36) Benzene	6.388	78	2133296	9.873	ppbv	100
37) 1,2-Dichloroethane	5.825	62	1137251	9.474	ppbv	100
38) Trichloroethene	7.307	130	1178624	10.042	ppbv	97
39) 1,2-Dichloropropane	7.089	63	816960	10.089	ppbv	96
40) 1,4-Dioxane	7.301	88	314762	9.797	ppbv	99
41) Tetrahydrofuran	5.578	42	887483	10.584	ppbv	98
42) Bromodichloromethane	7.262	83	1640554	10.001	ppbv	97
43) Methyl Methacrylate	7.491	69	847614	10.834	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3546878	9.744	ppbv	100
45) t-1,3-Dichloropropene	8.725	75	814890	11.843	ppbv	94

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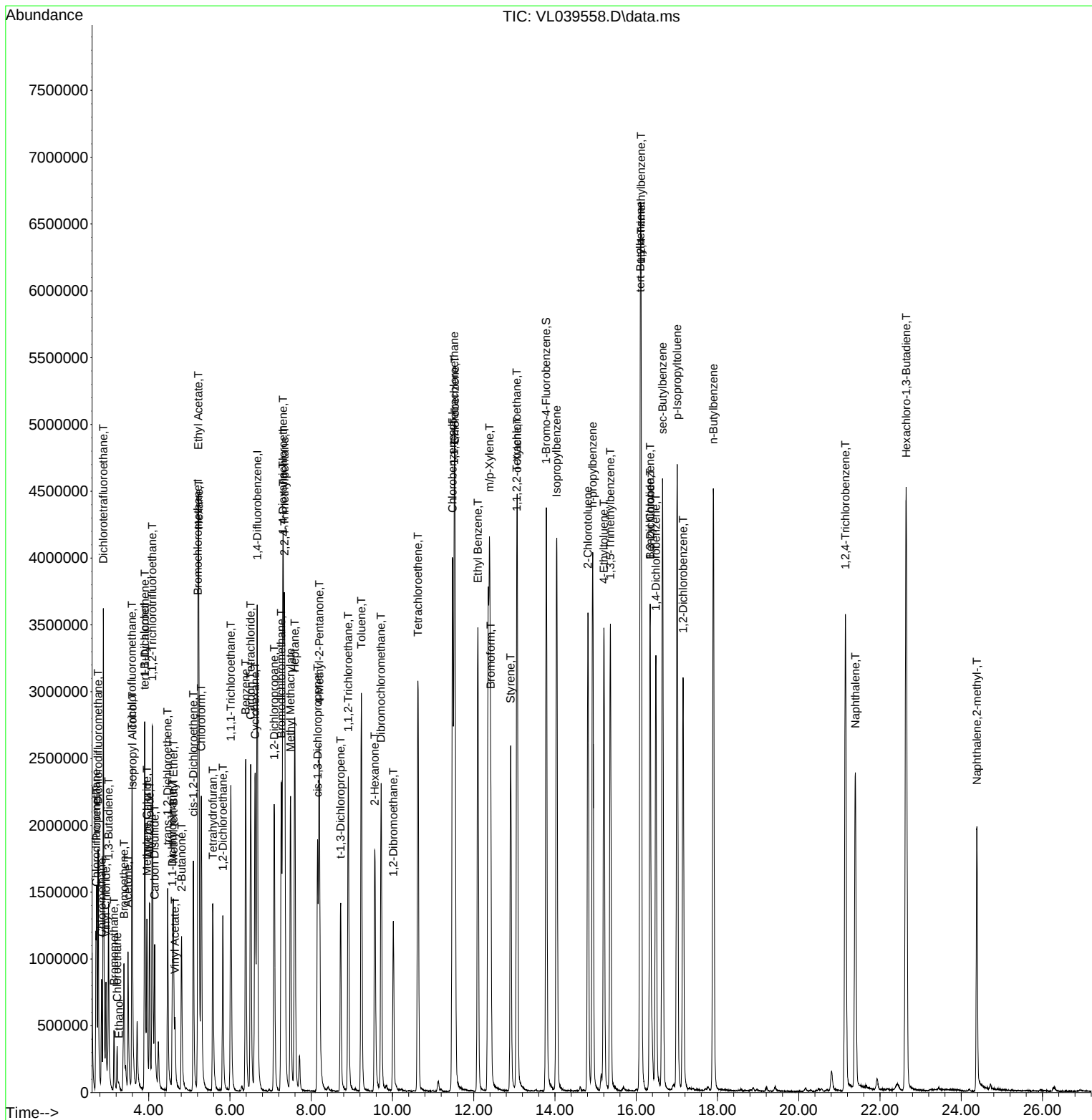
Instrument :
 MSVOA_L
 ClientSampleId :

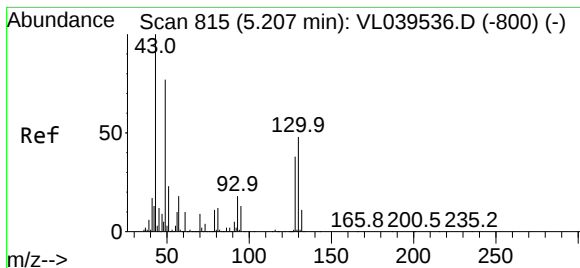
Quant Time: Aug 19 03:01:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	1107764	11.700	ppbv	99
47) 1,1,2-Trichloroethane	8.912	97	867919	9.353	ppbv	99
48) Dibromochloromethane	9.719	129	1412736	10.240	ppbv	98
49) Bromoform	12.417	173	1172155	10.270	ppbv #	100
50) 4-Methyl-2-Pentanone	8.198	43	2249903	10.260	ppbv	100
51) 2-Hexanone	9.565	43	1737251	10.748	ppbv #	100
52) Tetrachloroethene	10.626	164	810192	9.573	ppbv	98
53) Toluene	9.233	91	2502304	10.337	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1055249	9.969	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.519	131	1057989	7.708	ppbv	96
57) Chlorobenzene	11.539	112	1868881	7.454	ppbv	98
58) Ethyl Benzene	12.101	91	3270197	8.469	ppbv	97
59) m/p-Xylene	12.388	91	2869031	8.264	ppbv #	100
60) o-Xylene	13.072	91	2648979	7.958	ppbv	100
61) Styrene	12.908	104	1615392	9.097	ppbv	100
62) Isopropylbenzene	14.040	105	3851463	7.646	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	1085077	6.482	ppbv	98
64) n-propylbenzene	14.931	120	1001997	7.628	ppbv	99
65) tert-Butylbenzene	16.104	119	3330261	7.415	ppbv	99
66) Benzyl Chloride	16.342	91	318005	8.252	ppbv #	92
67) sec-Butylbenzene	16.648	105	4718693	7.440	ppbv	100
69) p-Isopropyltoluene	17.008	119	3946802	7.470	ppbv	99
70) n-Butylbenzene	17.899	91	3918421	7.470	ppbv	100
71) 2-Chlorotoluene	14.812	91	2849846	7.807	ppbv	99
72) 4-Ethyltoluene	15.204	105	3105959	7.942	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.365	105	2757039	7.719	ppbv	96
74) 1,2,4-Trimethylbenzene	16.121	105	2955742	7.422	ppbv	96
75) 1,3-Dichlorobenzene	16.342	146	1765109	7.296	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	1707591	7.048	ppbv	97
77) 1,2-Dichlorobenzene	17.153	146	1694443	7.148	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1384858	7.354	ppbv #	100
79) Naphthalene	21.394	128	2920413	10.299	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	1290323	11.516	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.149	180	1625211	8.599	ppbv #	100

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

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QLast Update : Wed Aug 17 12:06:24 2022
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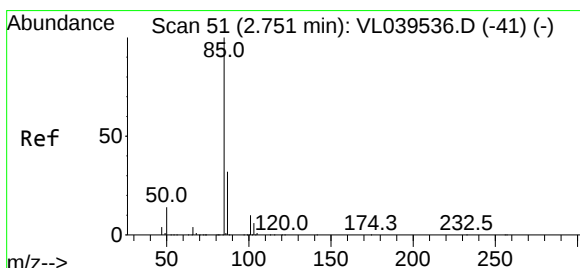
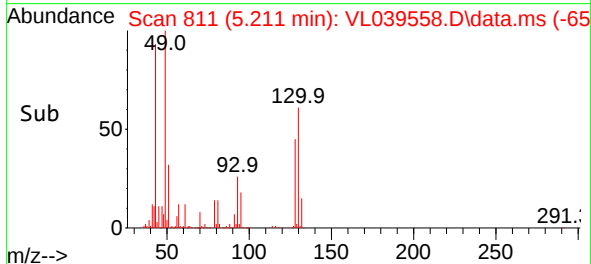
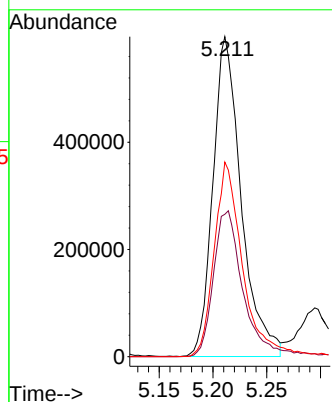
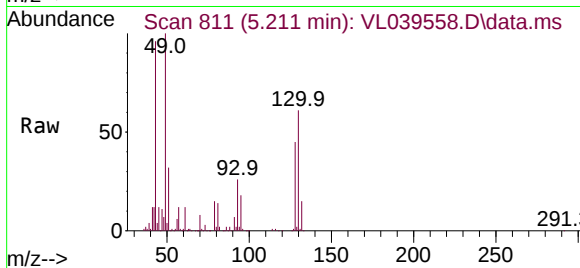




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

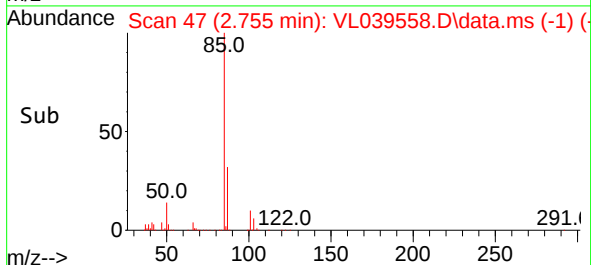
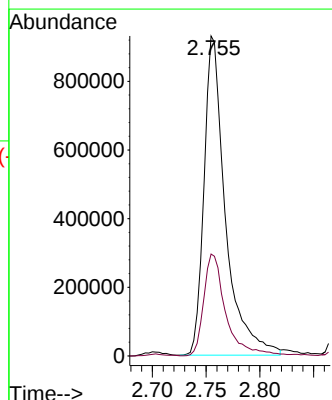
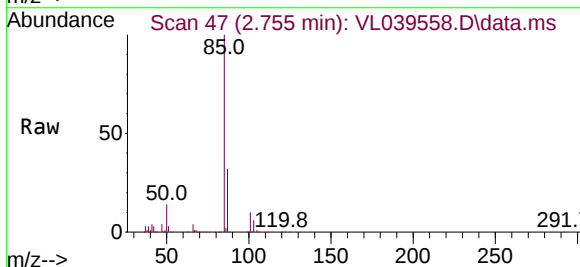
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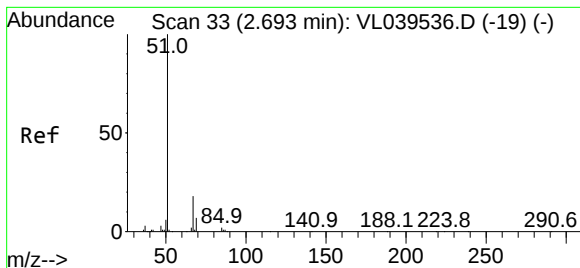
Tgt Ion: 49 Resp: 1089951
 Ion Ratio Lower Upper
 49 100
 128 48.8 25.7 77.0
 130 62.4 31.6 95.0



#2
 Dichlorodifluoromethane
 Concen: 8.804 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion: 85 Resp: 1289736
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9

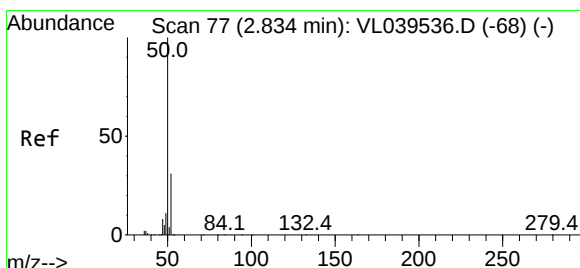
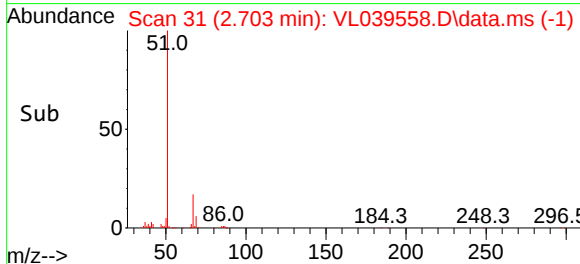
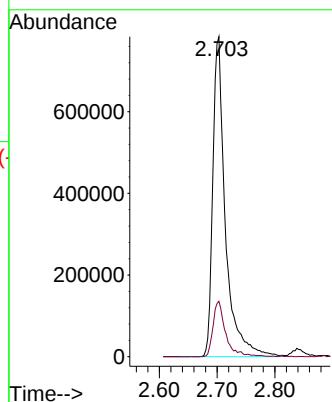
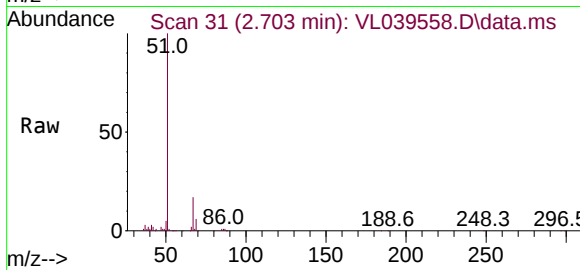




#3
Chlorodifluoromethane
Concen: 9.079 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

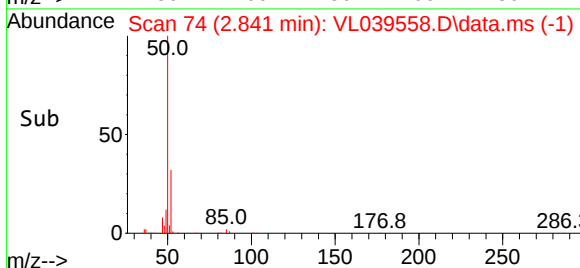
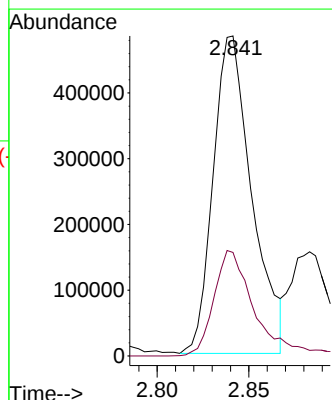
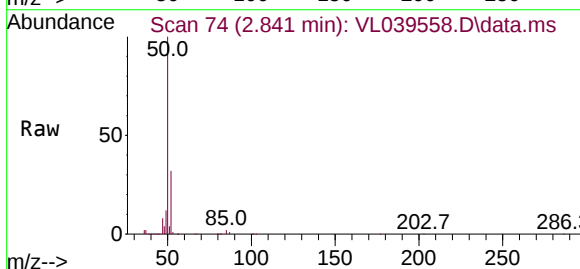
Instrument :
MSVOA_L
ClientSampleId :

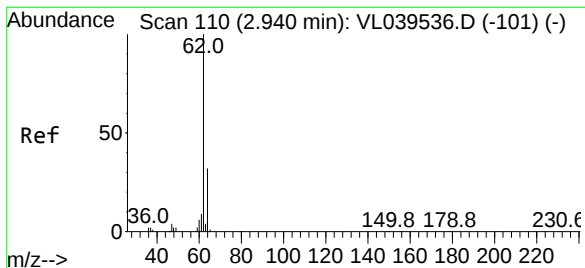
Tgt Ion: 51 Resp: 1186058
Ion Ratio Lower Upper
51 100
67 17.6 14.7 22.1



#4
Chloromethane
Concen: 9.078 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 50 Resp: 709132
Ion Ratio Lower Upper
50 100
52 32.5 24.3 36.5

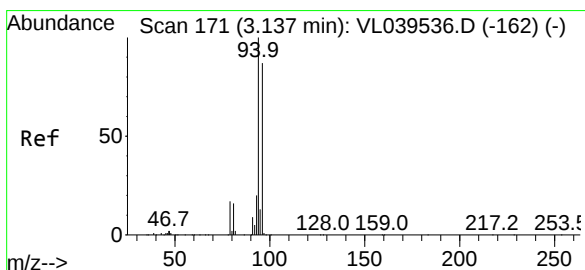
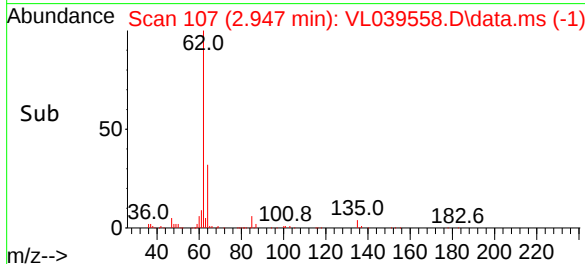
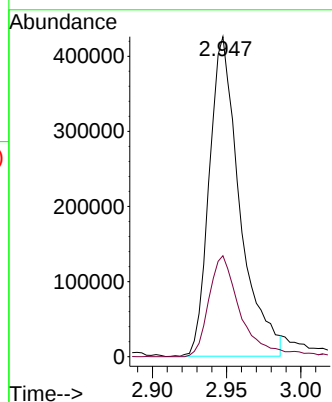
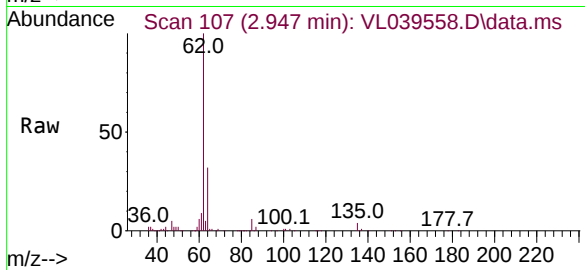




#5
 Vinyl Chloride
 Concen: 9.023 ppbv
 RT: 2.947 min Scan# 107
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

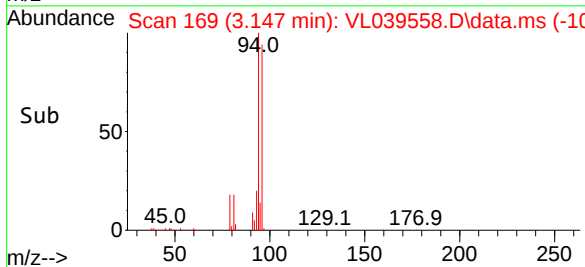
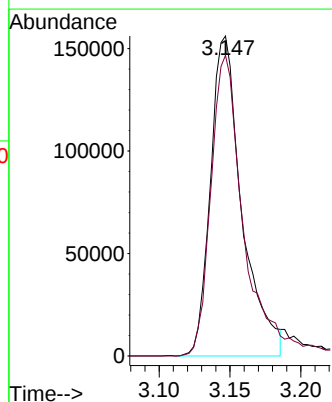
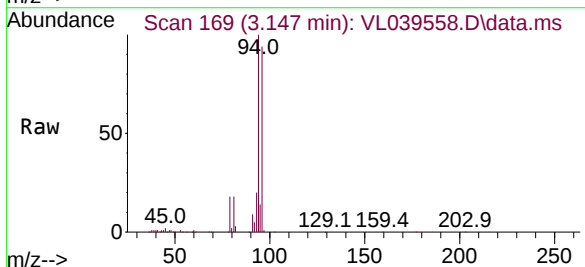
Instrument :
 MSVOA_L
 ClientSampleId :

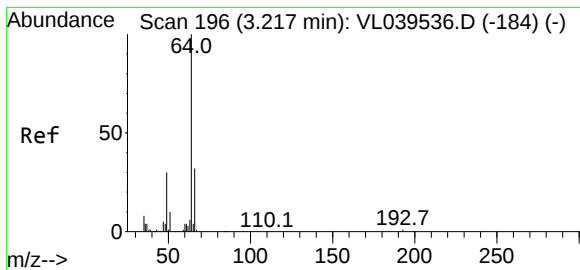
Tgt Ion: 62 Resp: 607770
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.5 38.3



#6
 Bromomethane
 Concen: 8.734 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.010 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion: 94 Resp: 240872
 Ion Ratio Lower Upper
 94 100
 96 93.9 69.8 104.6

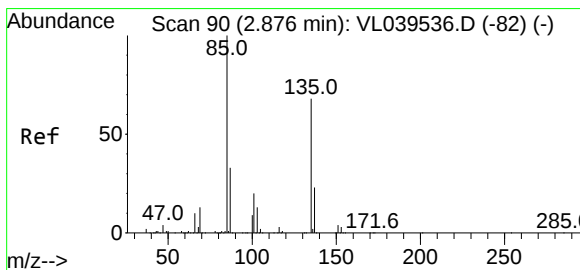
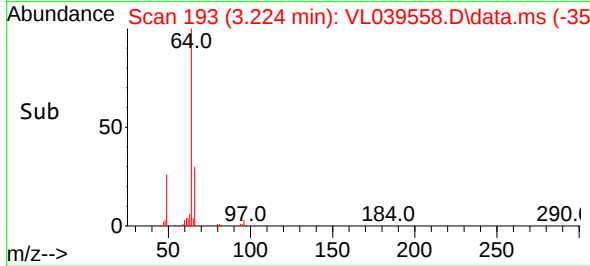
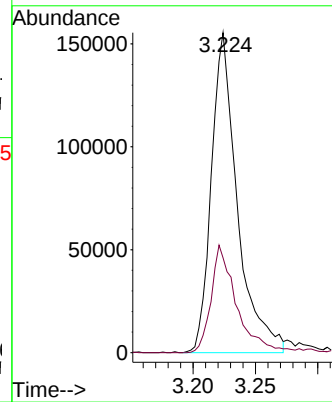
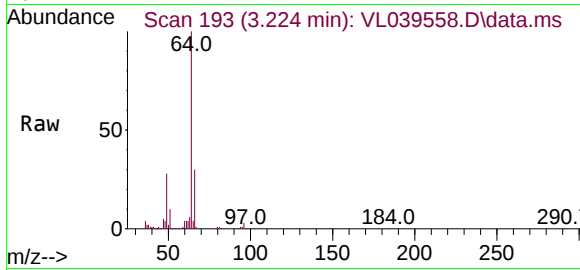




#7
Chloroethane
Concen: 9.413 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

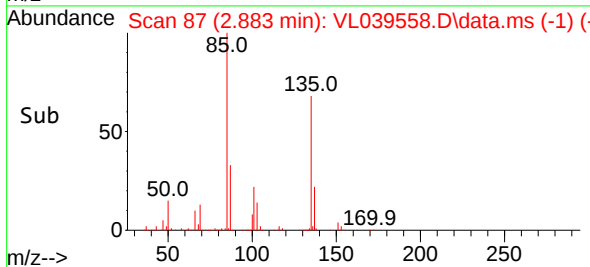
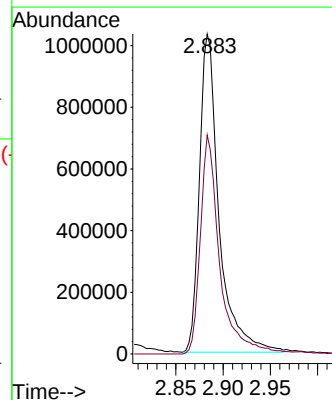
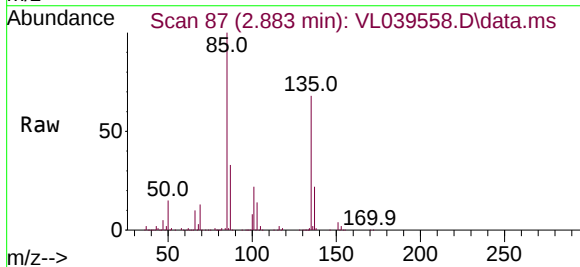
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 225722
Ion Ratio Lower Upper
64 100
66 29.7 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.456 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 85 Resp: 1487537
Ion Ratio Lower Upper
85 100
135 68.8 56.3 84.5





#9

Propene

Concen: 9.431 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.004 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

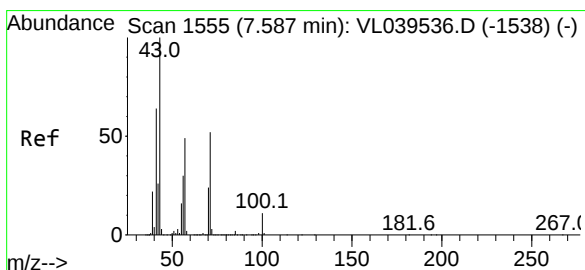
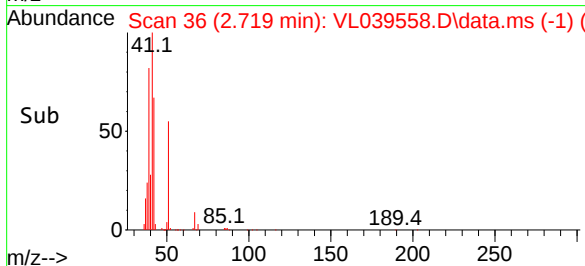
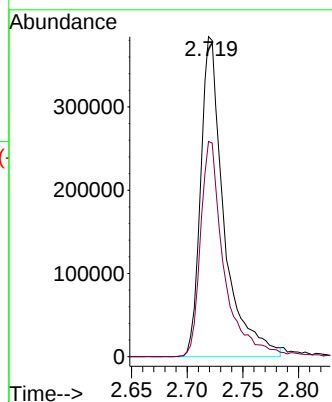
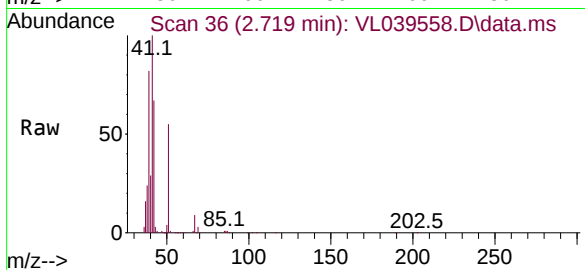
ClientSampleId :

Tgt Ion: 41 Resp: 561244

Ion Ratio Lower Upper

41 100

42 68.9 55.4 83.0



#10

Heptane

Concen: 9.915 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.010 min

Lab File: VL039558.D

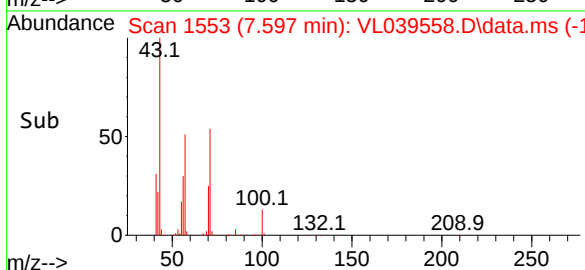
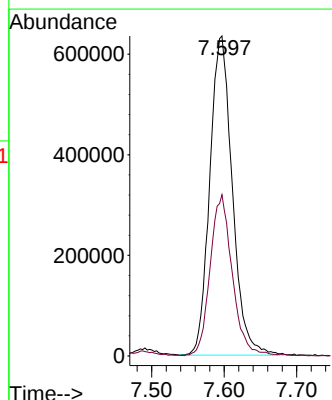
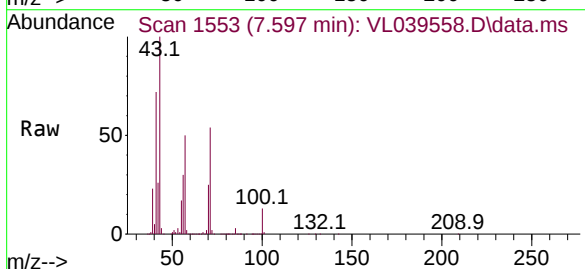
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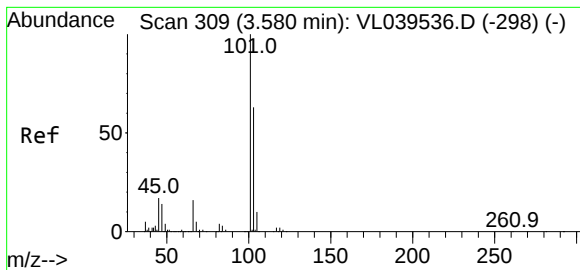
Tgt Ion: 43 Resp: 1370464

Ion Ratio Lower Upper

43 100

57 49.7 39.8 59.6

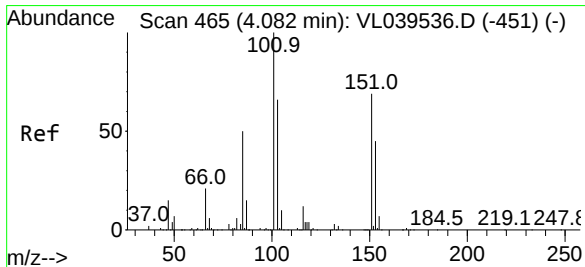
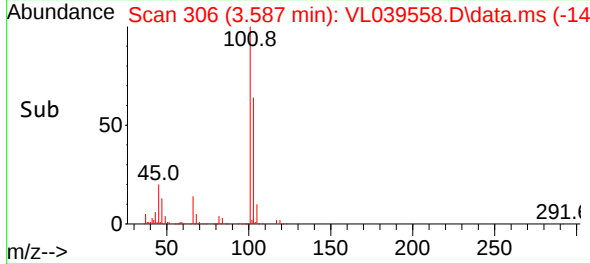
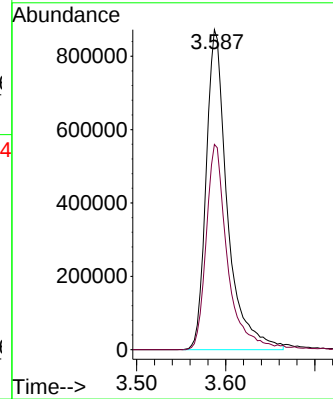
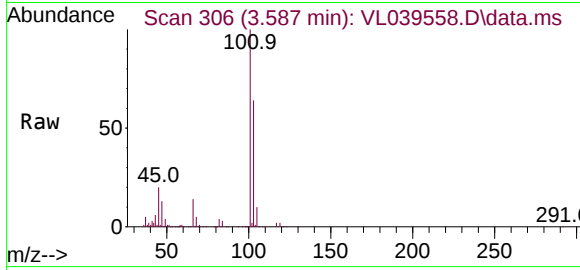




#11
 Trichlorofluoromethane
 Concen: 8.960 ppbv
 RT: 3.587 min Scan# 309
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

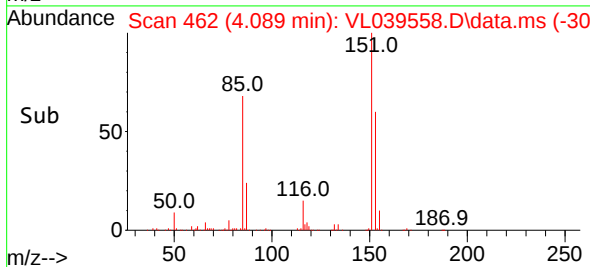
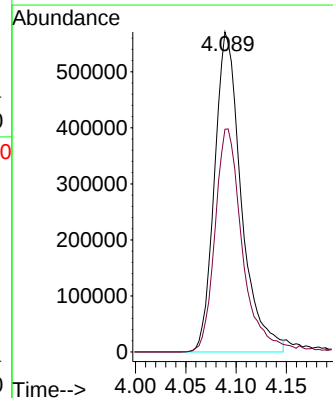
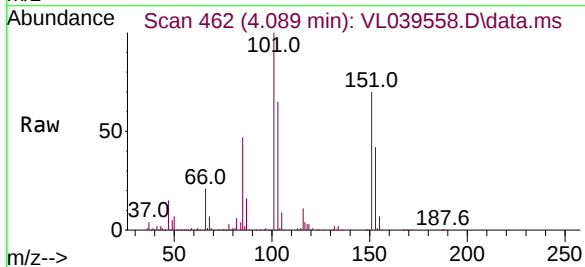
Instrument :
 MSVOA_L
 ClientSampleId :

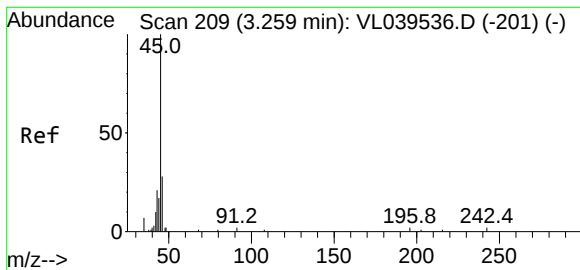
Tgt Ion:101 Resp: 1441810
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.885 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion:101 Resp: 1056154
 Ion Ratio Lower Upper
 101 100
 151 73.0 58.6 87.8

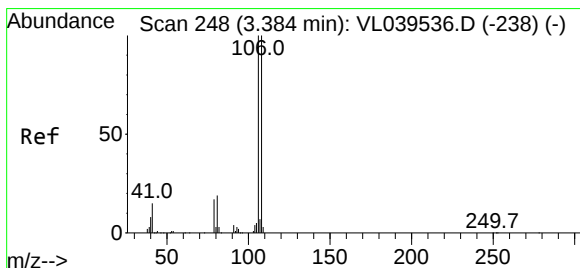
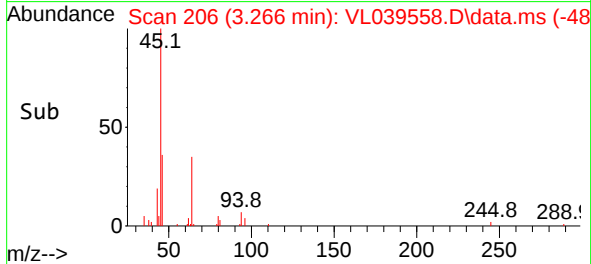
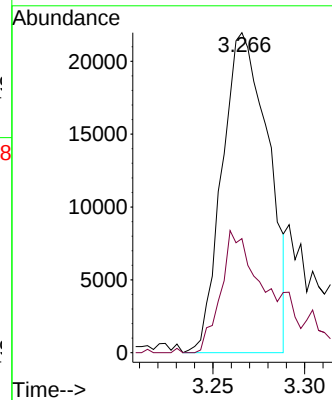
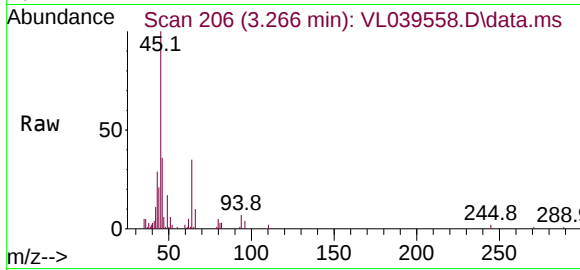




#13
 Ethanol
 Concen: 8.968 ppbv
 RT: 3.266 min Scan# 209
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

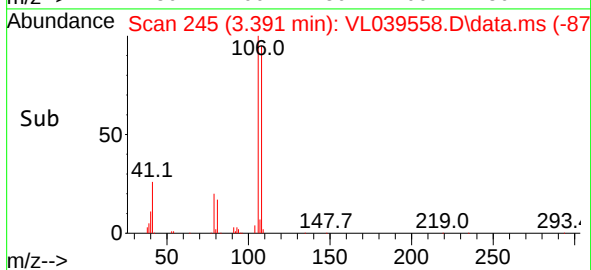
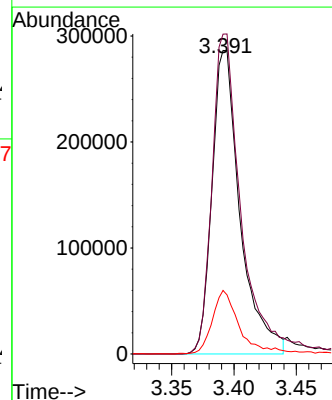
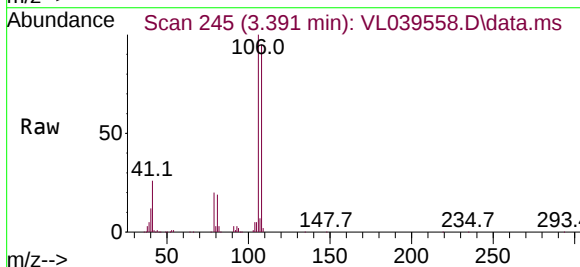
Instrument :
 MSVOA_L
 ClientSampleId :

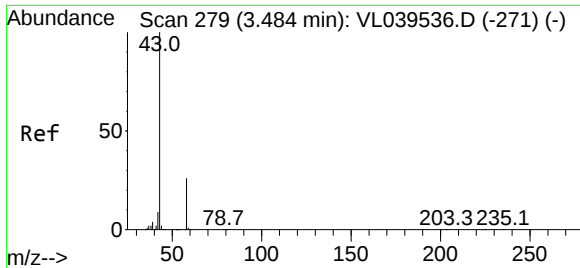
Tgt Ion: 45 Resp: 38408
 Ion Ratio Lower Upper
 45 100
 46 50.5 19.3 77.1



#14
 Bromoethene
 Concen: 9.258 ppbv
 RT: 3.391 min Scan# 245
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion: 108 Resp: 449751
 Ion Ratio Lower Upper
 108 100
 106 112.1 86.6 130.0
 79 21.1 15.1 22.7





#15

Acetone

Concen: 8.950 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

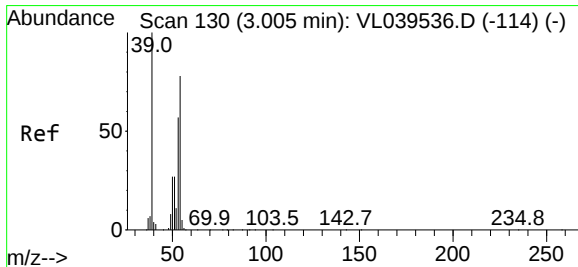
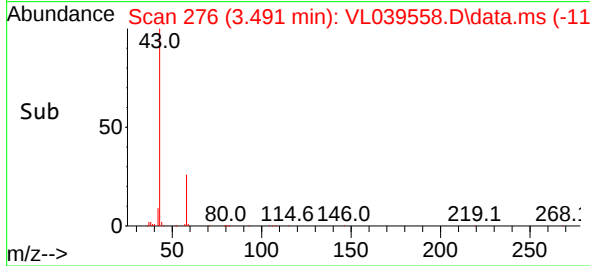
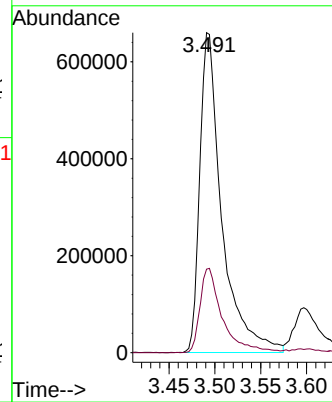
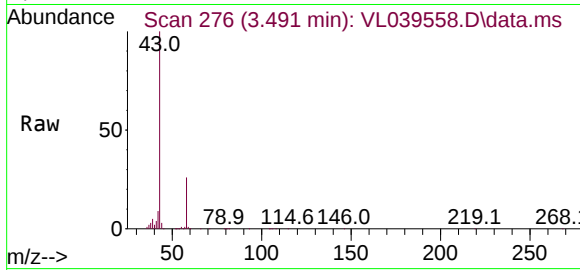
ClientSampleId :

Tgt Ion: 43 Resp: 1102123

Ion Ratio Lower Upper

43 100

58 26.8 20.7 31.1



#16

1,3-Butadiene

Concen: 9.698 ppbv

RT: 3.012 min Scan# 127

Delta R.T. 0.007 min

Lab File: VL039558.D

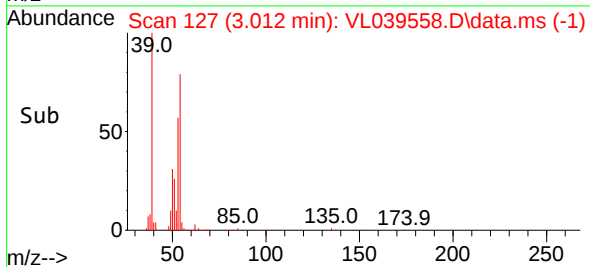
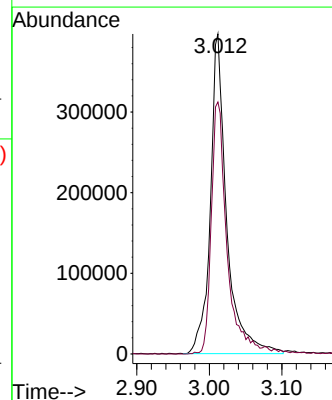
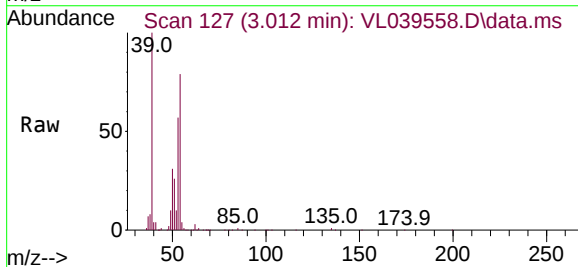
Acq: 18 Aug 2022 14:06

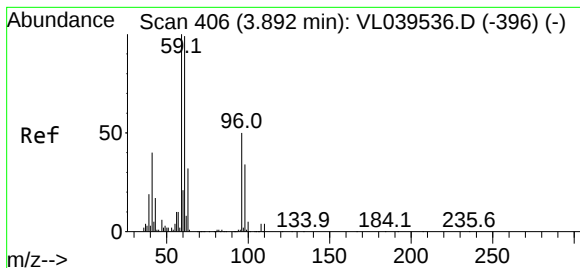
Tgt Ion: 39 Resp: 620173

Ion Ratio Lower Upper

39 100

54 77.2 61.8 92.8

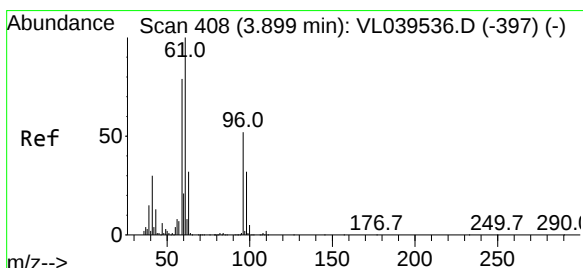
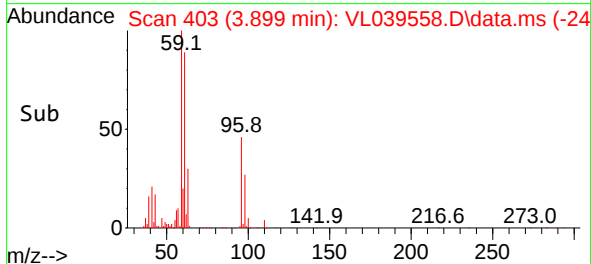
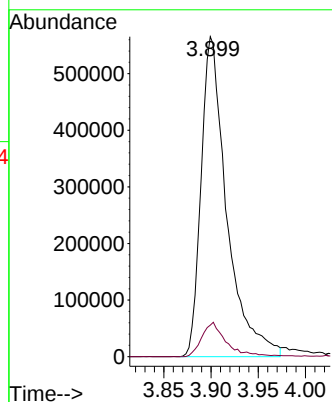
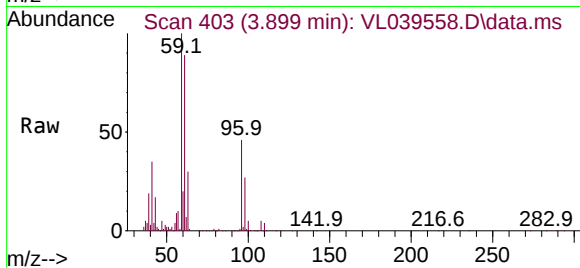




#17
tert-Butyl alcohol
Concen: 10.163 ppbv
RT: 3.899 min Scan# 40
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

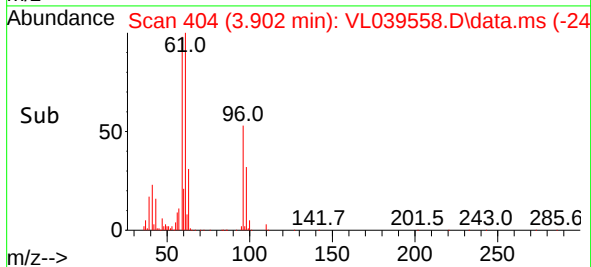
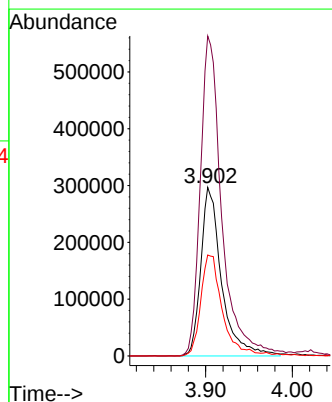
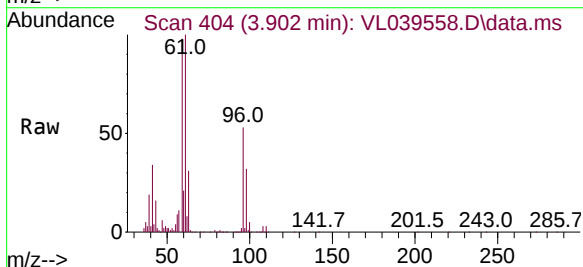
Instrument :
MSVOA_L
ClientSampleId :

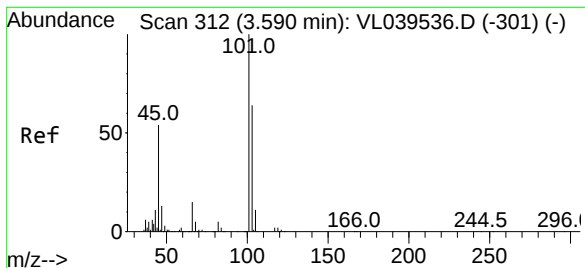
Tgt Ion: 59 Resp: 1068677
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#18
1,1-Dichloroethene
Concen: 9.242 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 96 Resp: 495357
Ion Ratio Lower Upper
96 100
61 189.7 153.8 230.6
98 59.8 48.6 73.0

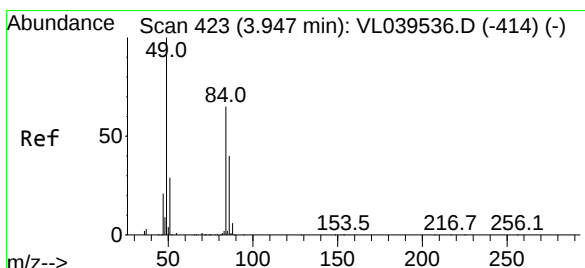
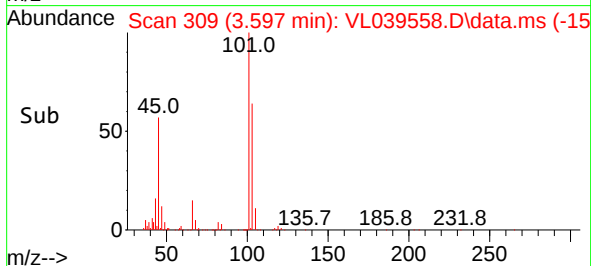
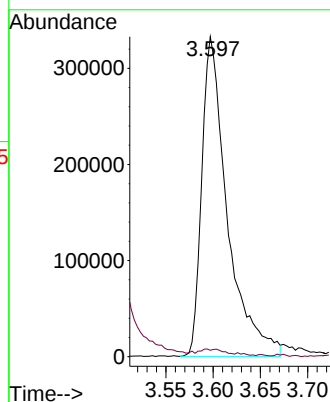
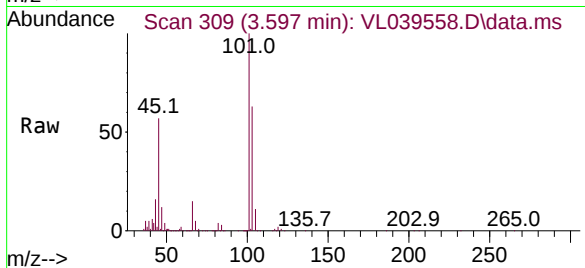




#19
Isopropyl Alcohol
Concen: 10.355 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

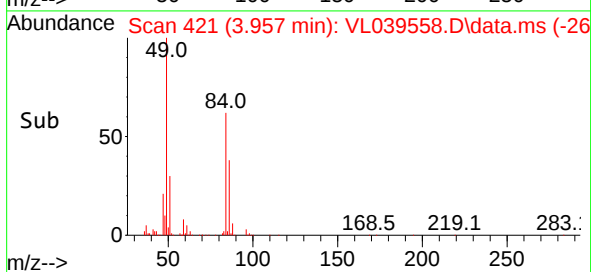
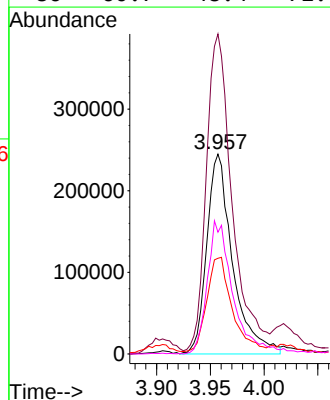
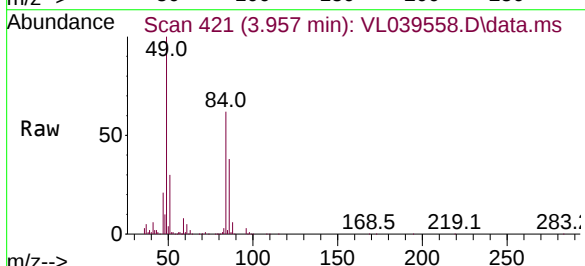
Instrument :
MSVOA_L
ClientSampleId :

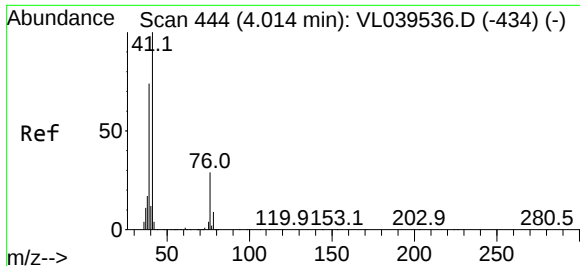
Tgt Ion: 45 Resp: 623195
Ion Ratio Lower Upper
45 100
58 3.5 0.0 0.0#



#20
Methylene Chloride
Concen: 8.190 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 84 Resp: 410620
Ion Ratio Lower Upper
84 100
49 157.6 122.2 183.4
51 46.6 35.8 53.6
86 60.7 48.4 72.6

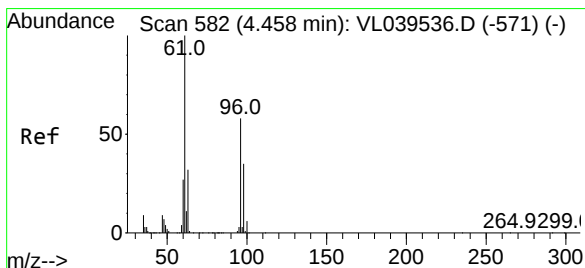
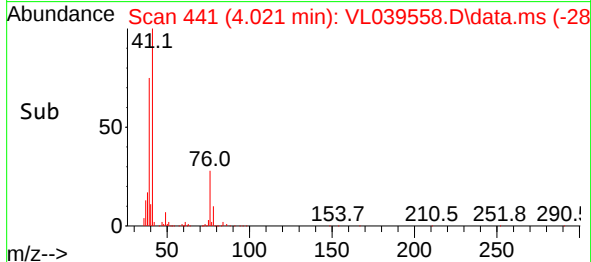
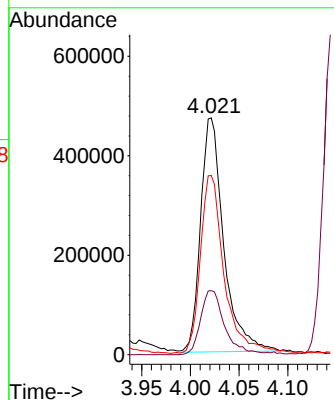
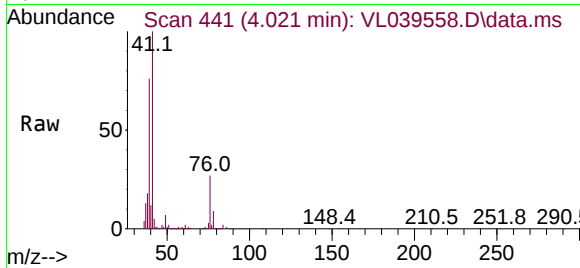




#21
 Allyl Chloride
 Concen: 9.723 ppbv
 RT: 4.021 min Scan# 441
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

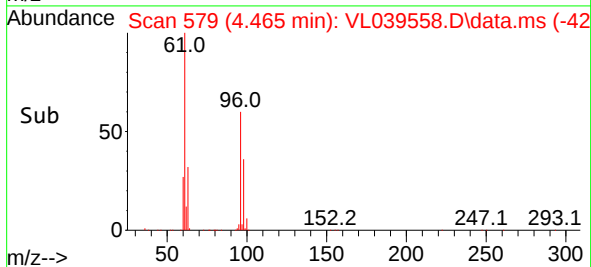
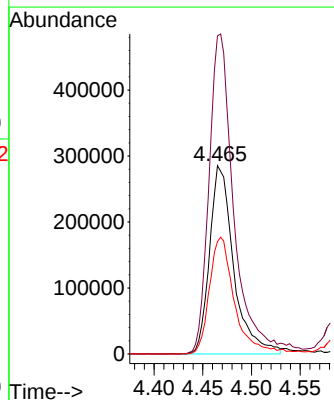
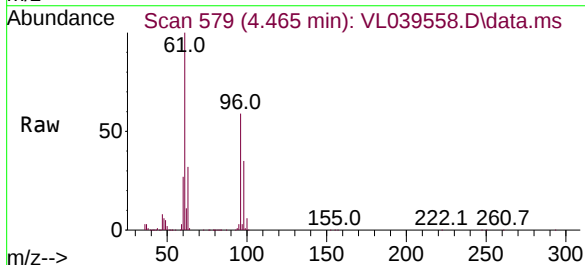
Instrument :
 MSVOA_L
 ClientSampleId :

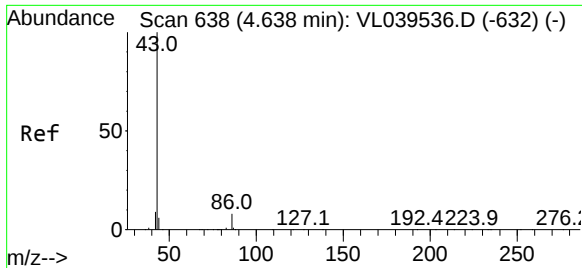
Tgt Ion: 41 Resp: 777984
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.1 34.7
 39 79.0 63.4 95.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.271 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion: 96 Resp: 493667
 Ion Ratio Lower Upper
 96 100
 61 168.9 138.1 207.1
 98 59.7 48.8 73.2





#23

Vinyl Acetate

Concen: 9.047 ppbv

RT: 4.648 min Scan# 61

Delta R.T. 0.010 min

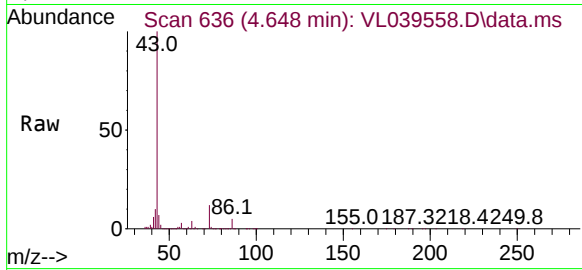
Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 560107

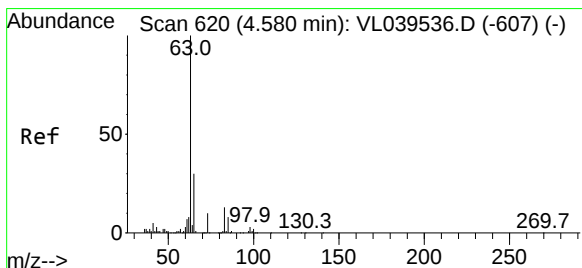
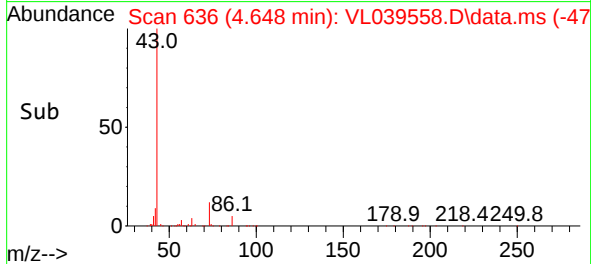
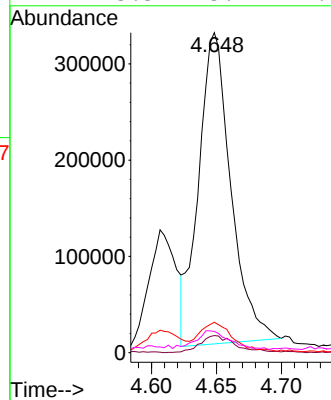
Ion Ratio Lower Upper

43 100

86 5.3 5.3 7.9

42 9.1 8.7 13.1

44 5.5 5.1 7.7



#24

1,1-Dichloroethane

Concen: 9.208 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.004 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

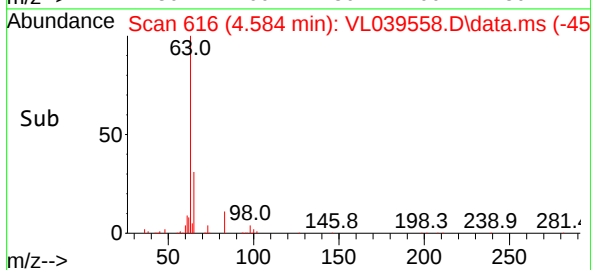
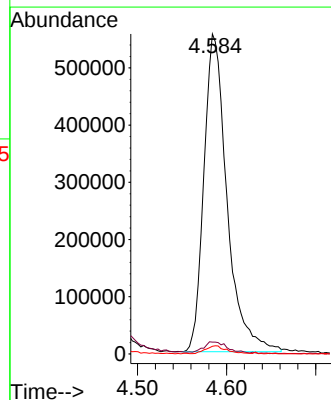
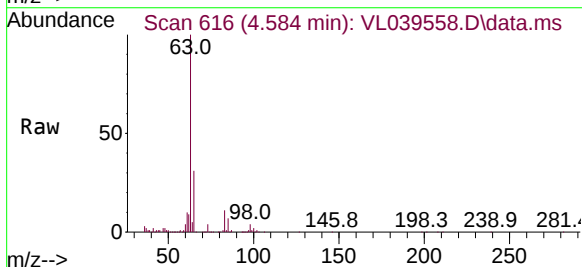
Tgt Ion: 63 Resp: 1003290

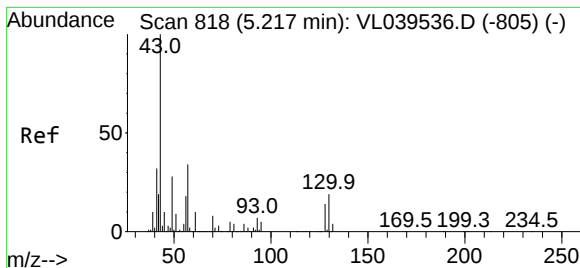
Ion Ratio Lower Upper

63 100

98 3.6 1.7 5.0

100 2.4 1.1 3.3





#25

Ethyl Acetate

Concen: 9.442 ppbv

RT: 5.224 min Scan# 818

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2479021

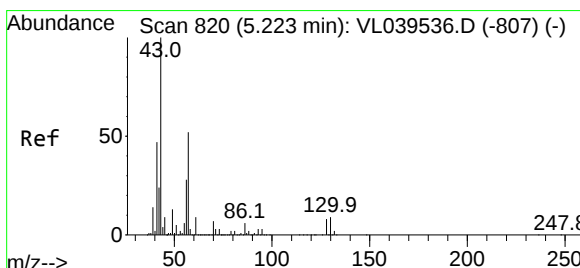
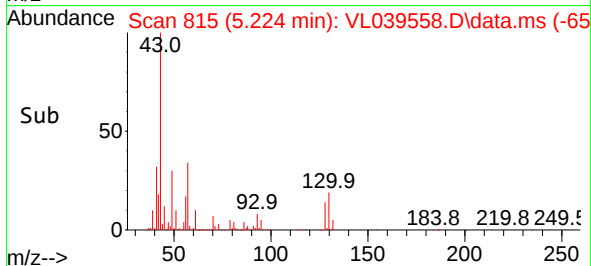
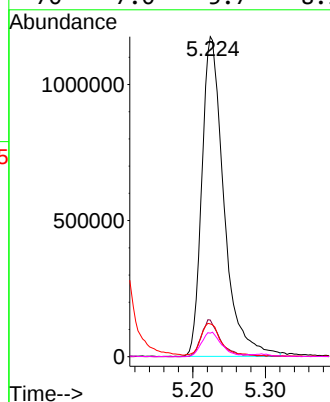
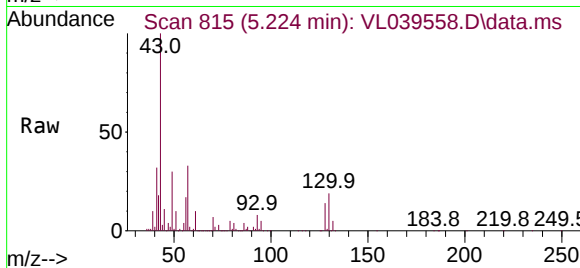
Ion Ratio Lower Upper

43 100

45 10.5 8.2 12.4

61 10.3 8.6 12.8

70 7.0 5.7 8.5



#26

Hexane

Concen: 9.413 ppbv

RT: 5.234 min Scan# 818

Delta R.T. 0.010 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Tgt Ion: 57 Resp: 1013521

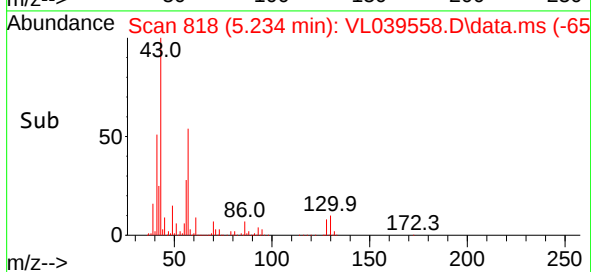
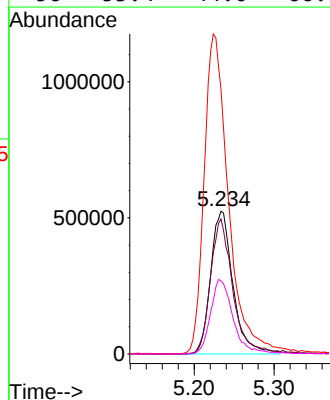
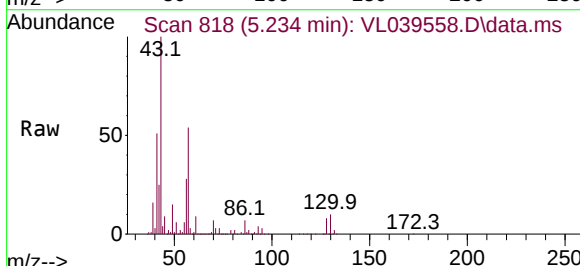
Ion Ratio Lower Upper

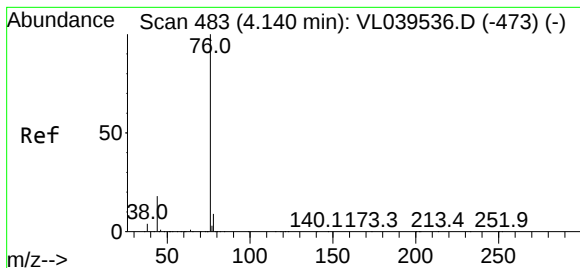
57 100

41 96.3 79.4 119.2

43 248.9 199.7 299.5

56 53.4 44.0 66.0





#27

Carbon Disulfide

Concen: 10.471 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

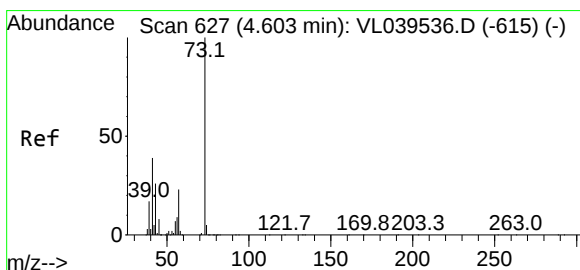
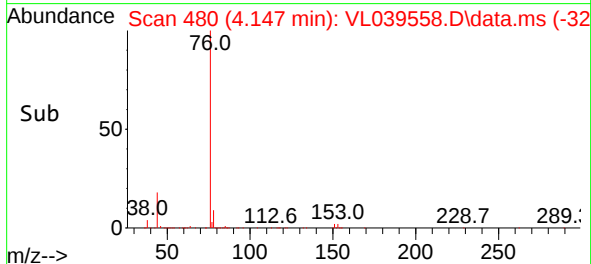
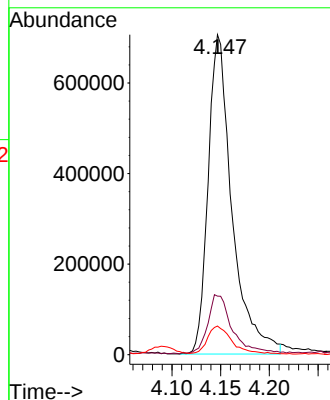
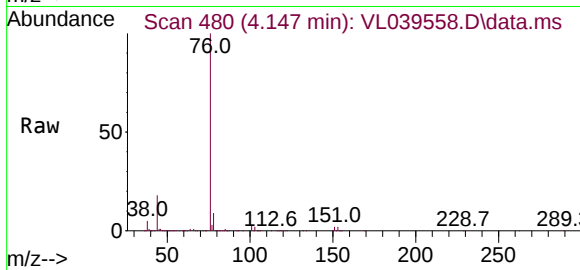
Tgt Ion: 76 Resp: 1202806

Ion Ratio Lower Upper

76 100

44 19.8 16.3 24.5

78 9.7 7.8 11.6



#28

Methyl tert-Butyl Ether

Concen: 9.402 ppbv

RT: 4.610 min Scan# 624

Delta R.T. 0.007 min

Lab File: VL039558.D

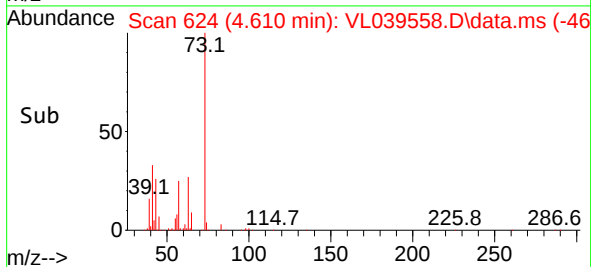
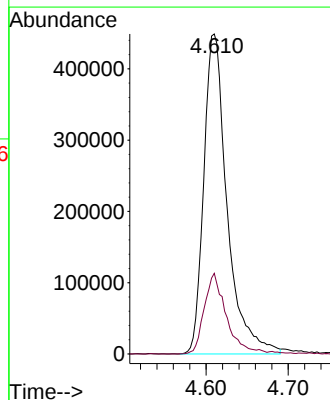
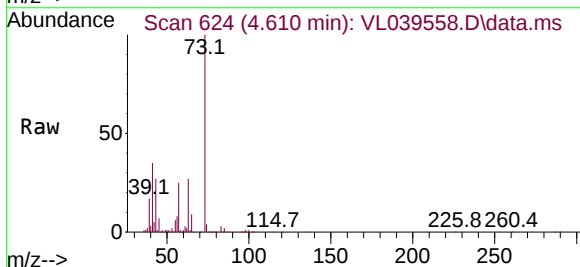
Acq: 18 Aug 2022 14:06

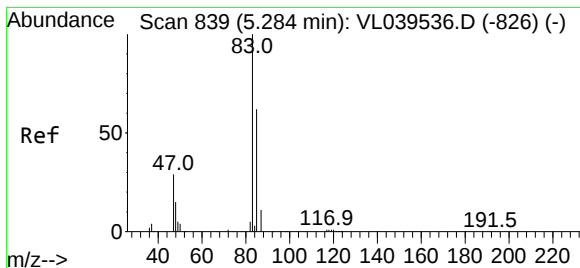
Tgt Ion: 73 Resp: 890106

Ion Ratio Lower Upper

73 100

57 24.5 19.8 29.6

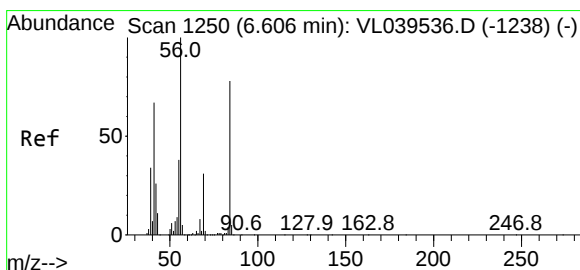
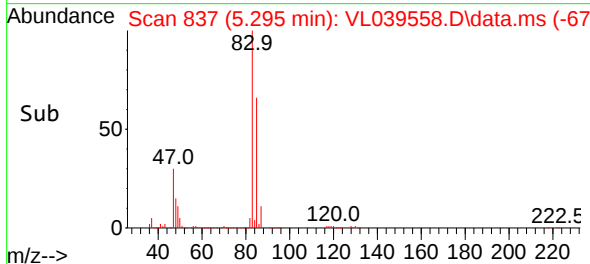
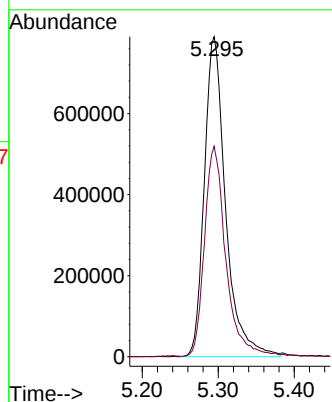
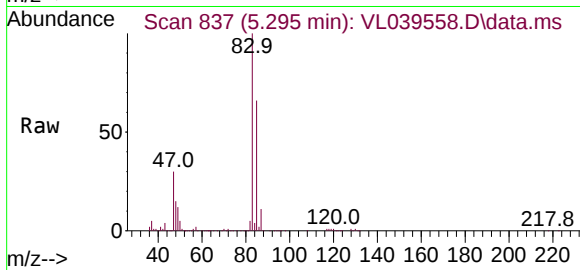




#29
Chloroform
Concen: 9.103 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

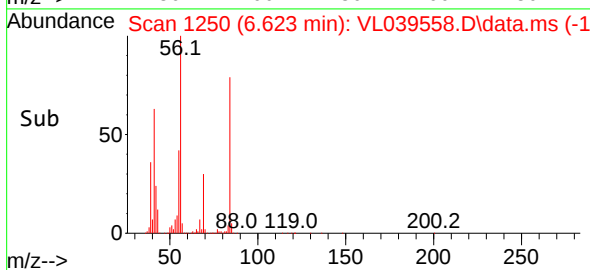
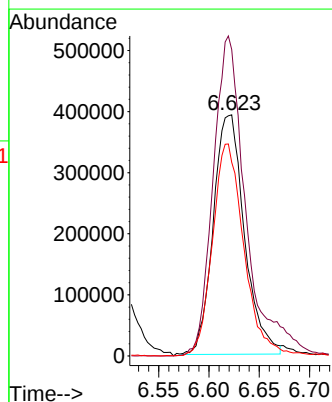
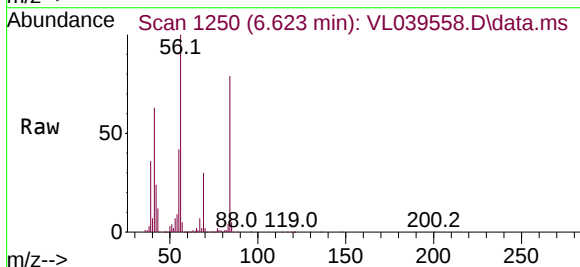
Instrument :
MSVOA_L
ClientSampleId :

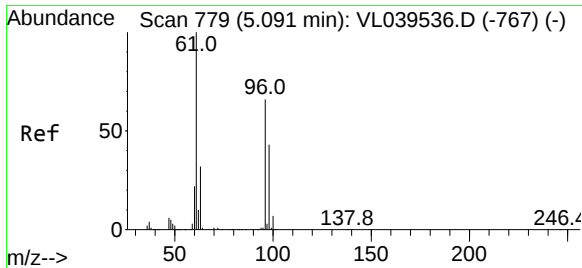
Tgt Ion: 83 Resp: 1534026
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.8



#30
Cyclohexane
Concen: 9.448 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.017 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 84 Resp: 844737
Ion Ratio Lower Upper
84 100
56 141.6 0.0 0.0#
41 90.6 0.0 0.0#

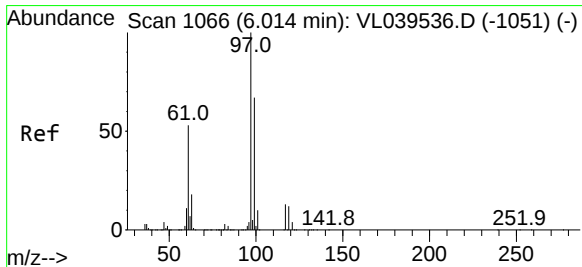
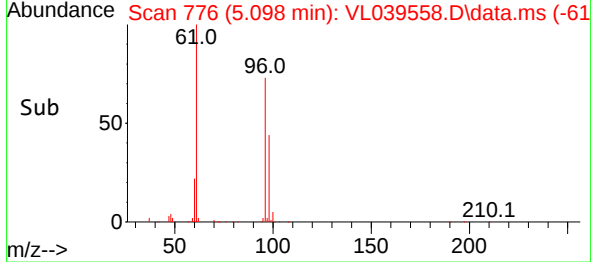
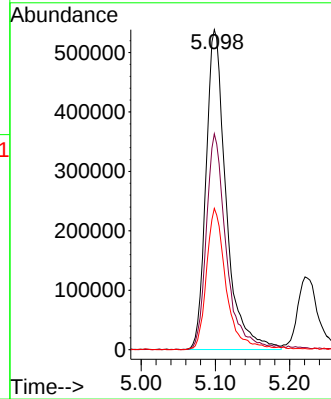
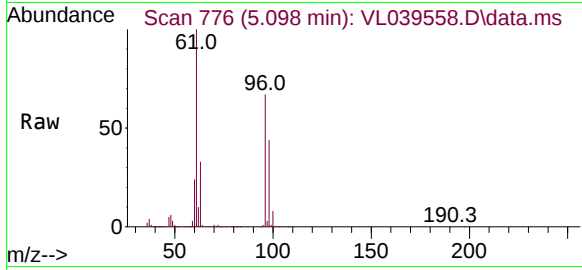




#31
 cis-1,2-Dichloroethene
 Concen: 9.722 ppbv
 RT: 5.098 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

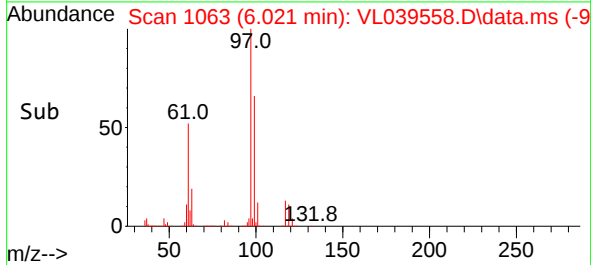
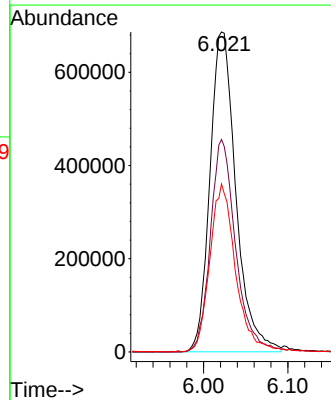
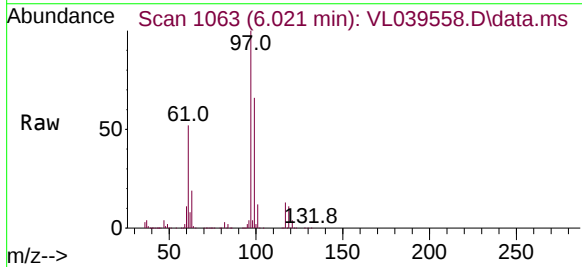
Instrument :
 MSVOA_L
 ClientSampleId :

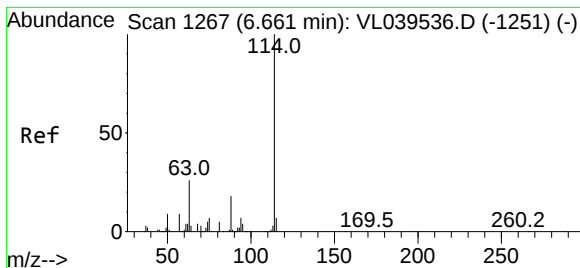
Tgt Ion: 61 Resp: 1012172
 Ion Ratio Lower Upper
 61 100
 96 67.5 52.9 79.3
 98 44.2 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 9.301 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.007 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion: 97 Resp: 1470145
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.4 78.6
 61 52.3 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

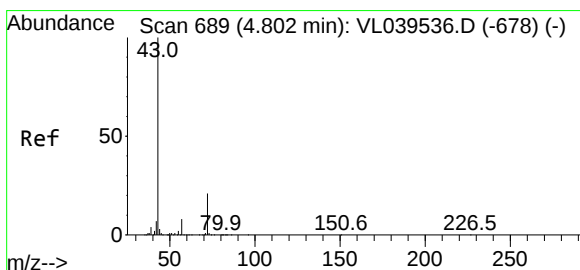
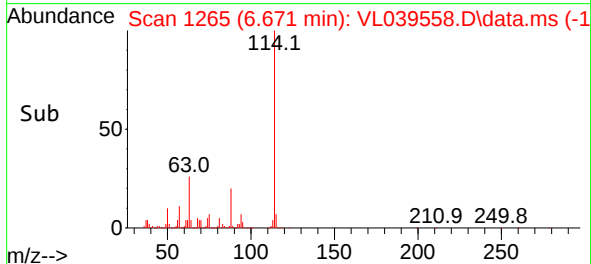
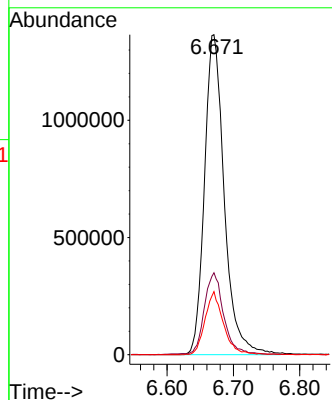
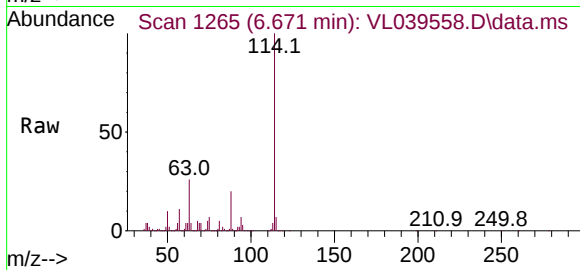
Tgt Ion:114 Resp: 2834970

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

88 18.5 14.6 22.0



#34

2-Butanone

Concen: 10.022 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.007 min

Lab File: VL039558.D

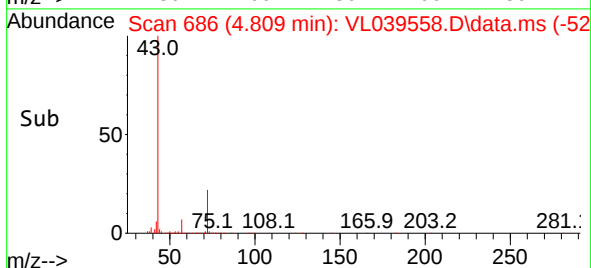
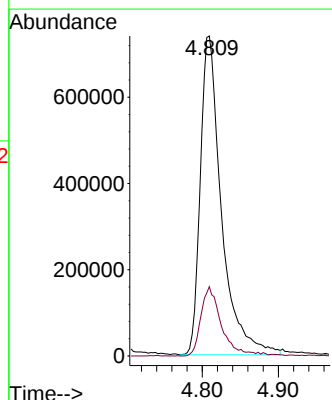
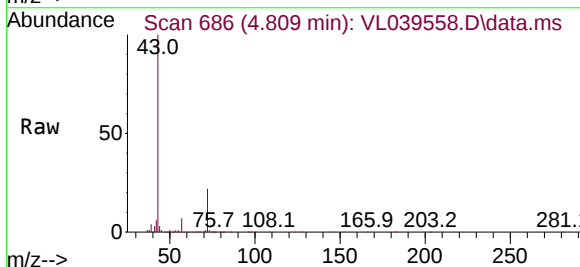
Acq: 18 Aug 2022 14:06

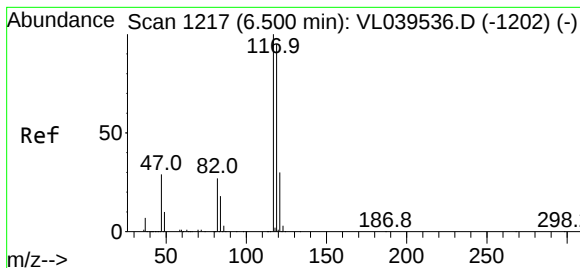
Tgt Ion: 43 Resp: 1428332

Ion Ratio Lower Upper

43 100

72 21.7 17.4 26.0





#35

Carbon Tetrachloride

Concen: 9.760 ppbv

RT: 6.510 min Scan# 117

Delta R.T. 0.010 min

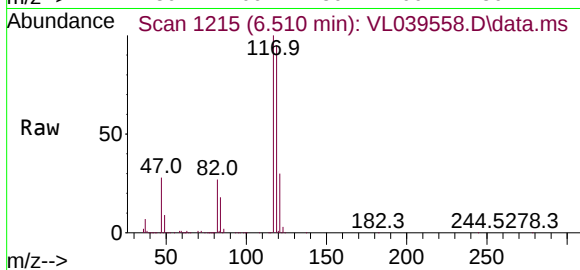
Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :



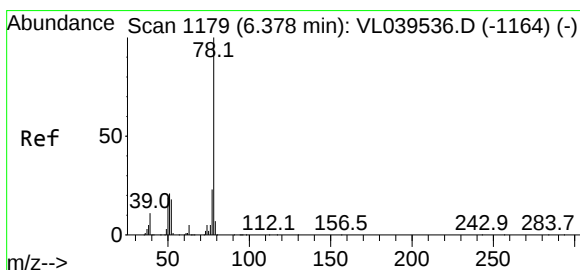
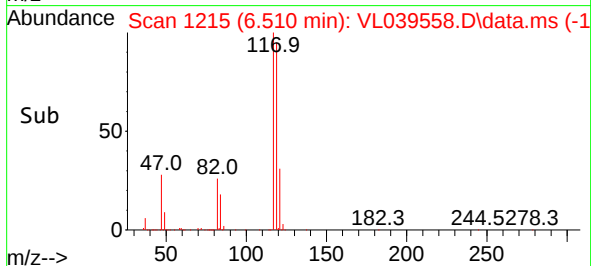
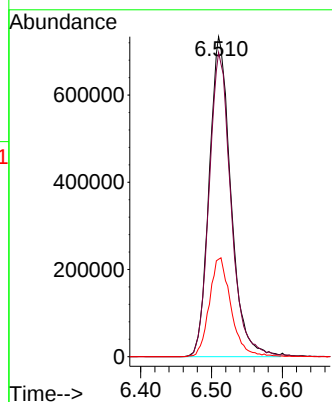
Tgt Ion:117 Resp: 1556636

Ion Ratio Lower Upper

117 100

119 95.1 76.2 114.4

121 30.5 24.4 36.6



#36

Benzene

Concen: 9.873 ppbv

RT: 6.388 min Scan# 1177

Delta R.T. 0.010 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

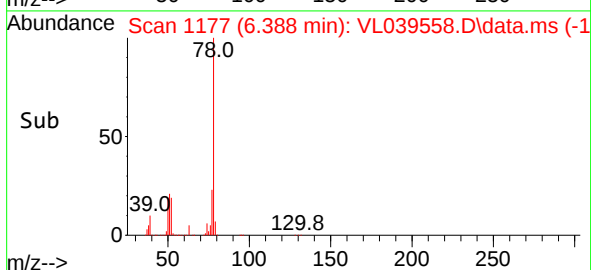
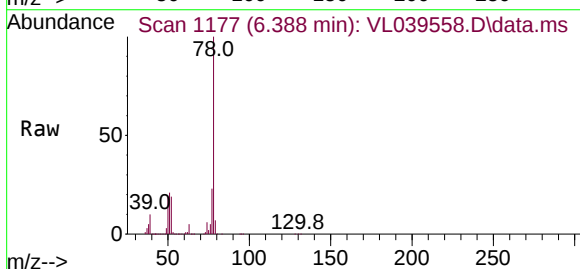
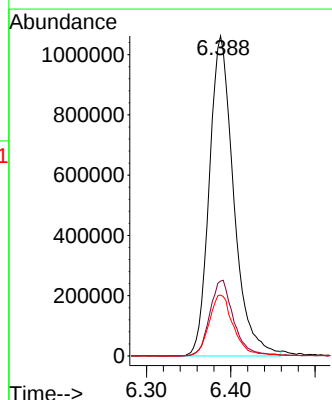
Tgt Ion: 78 Resp: 2133296

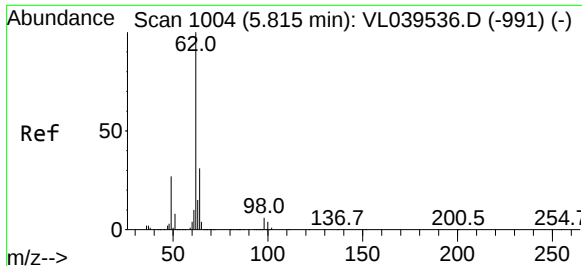
Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8

50 19.0 15.0 22.4

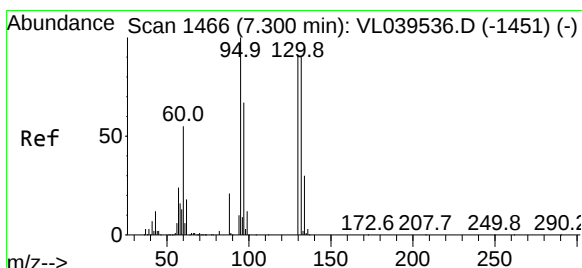
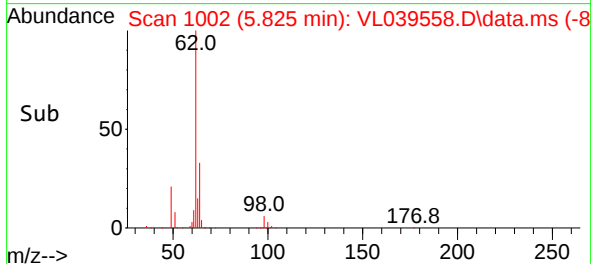
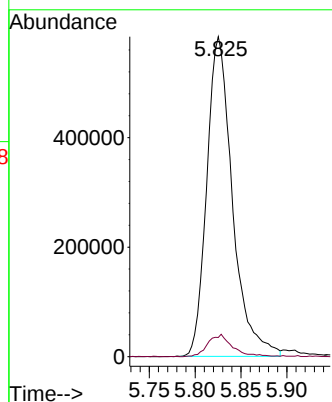
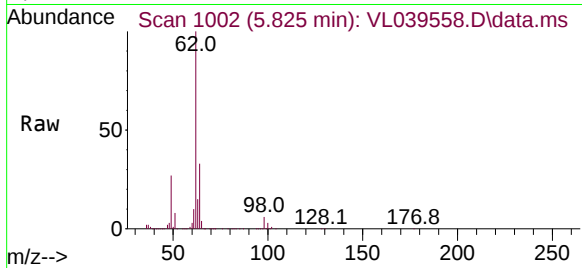




#37
1,2-Dichloroethane
Concen: 9.474 ppbv
RT: 5.825 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

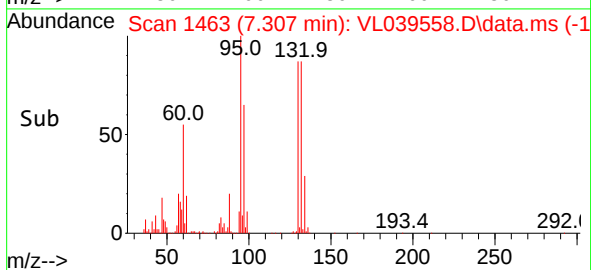
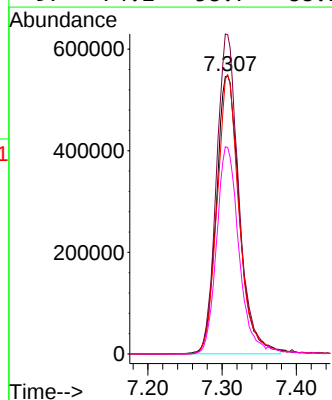
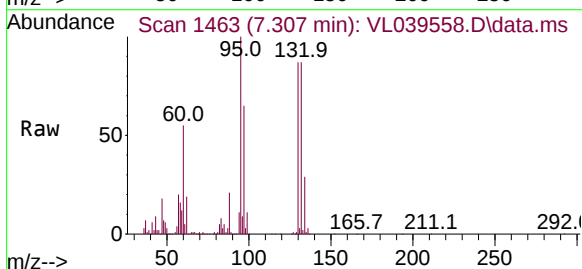
Instrument :
MSVOA_L
ClientSampleId :

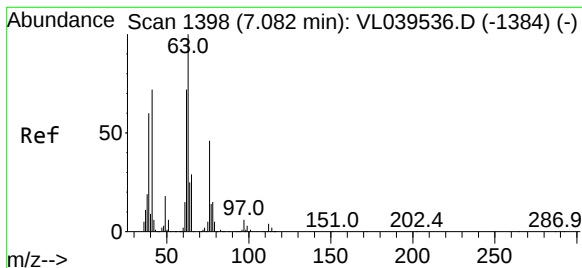
Tgt Ion: 62 Resp: 1137251
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.2



#38
Trichloroethene
Concen: 10.042 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion:130 Resp: 1178624
Ion Ratio Lower Upper
130 100
95 114.8 88.0 132.0
132 100.4 79.1 118.7
97 74.2 58.7 88.1

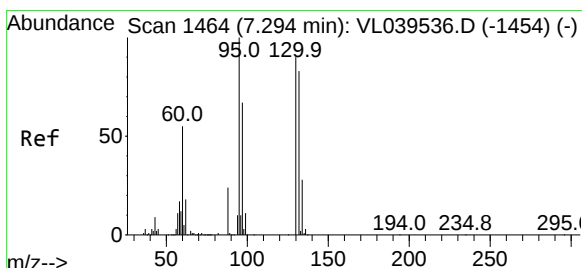
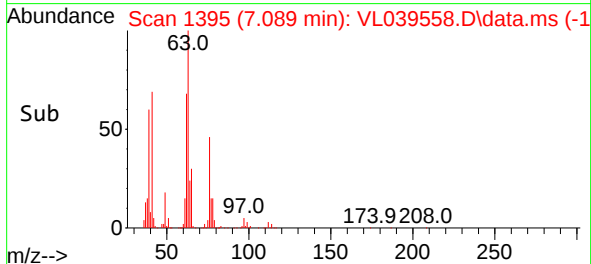
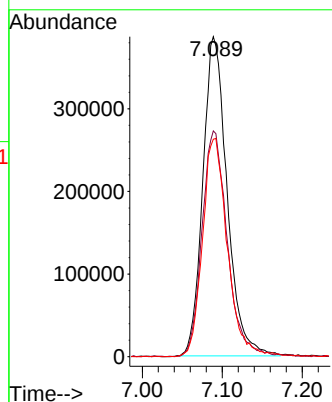
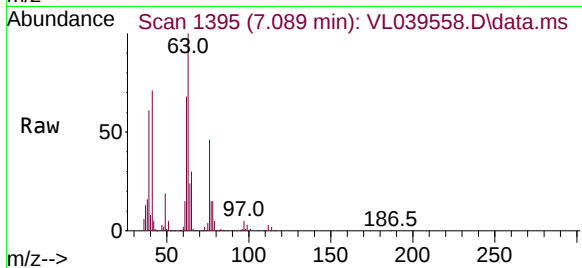




#39
1,2-Dichloropropane
Concen: 10.089 ppbv
RT: 7.089 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

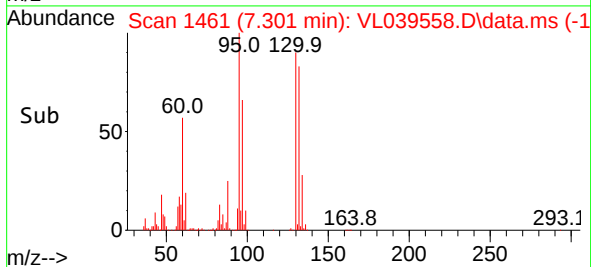
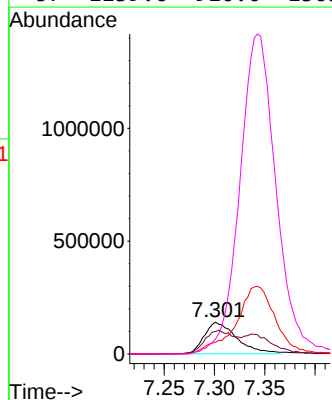
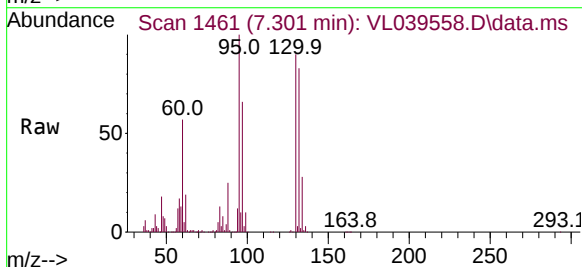
Instrument :
MSVOA_L
ClientSampleId :

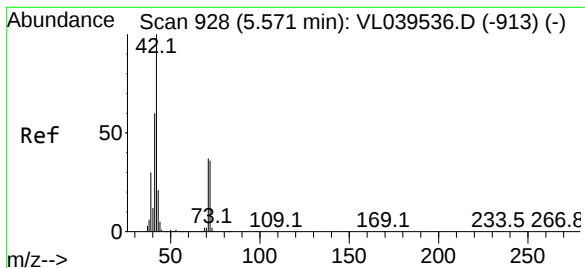
Tgt Ion: 63 Resp: 816960
Ion Ratio Lower Upper
63 100
41 70.6 58.0 87.0
62 67.8 57.8 86.8



#40
1,4-Dioxane
Concen: 9.797 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 88 Resp: 314762
Ion Ratio Lower Upper
88 100
58 127.4 102.8 154.2
43 263.4 216.2 324.2
57 1139.6 910.0 1365.0





#41

Tetrahydrofuran

Concen: 10.584 ppbv

RT: 5.578 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

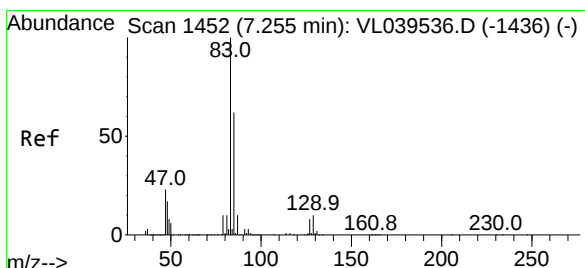
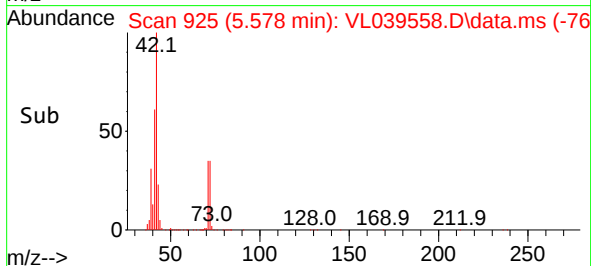
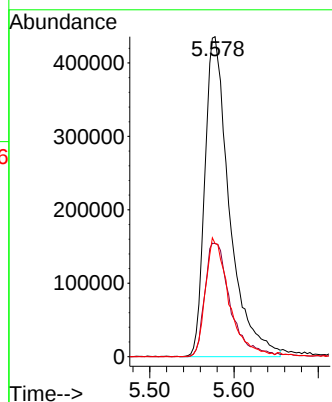
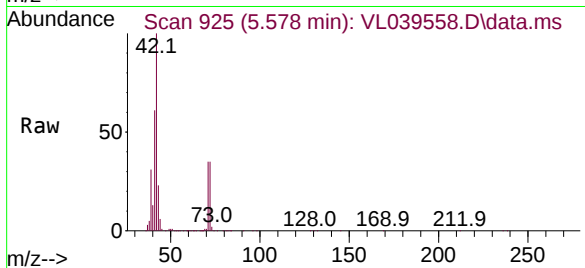
Tgt Ion: 42 Resp: 887483

Ion Ratio Lower Upper

42 100

72 37.2 30.6 45.8

71 36.6 30.7 46.1



#42

Bromodichloromethane

Concen: 10.001 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

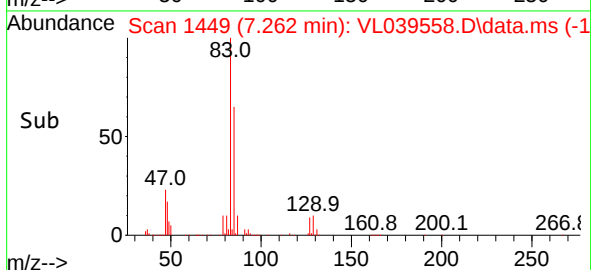
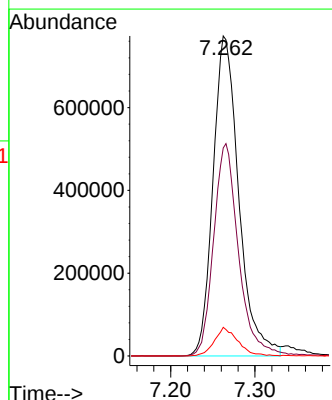
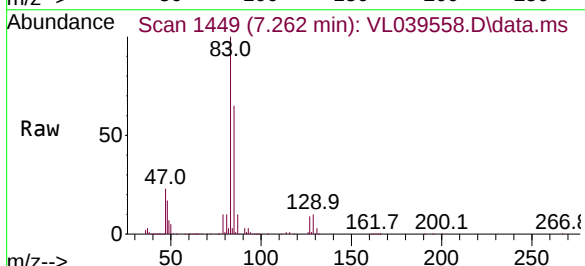
Tgt Ion: 83 Resp: 1640554

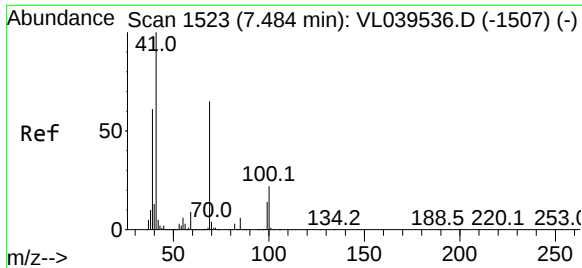
Ion Ratio Lower Upper

83 100

85 65.0 49.9 74.9

127 8.9 6.7 10.1

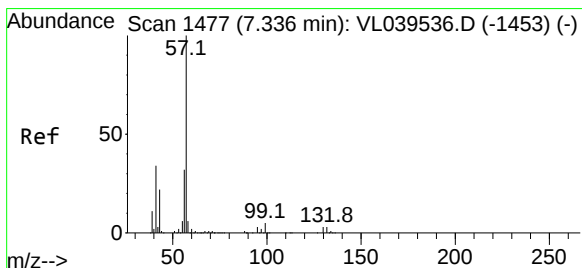
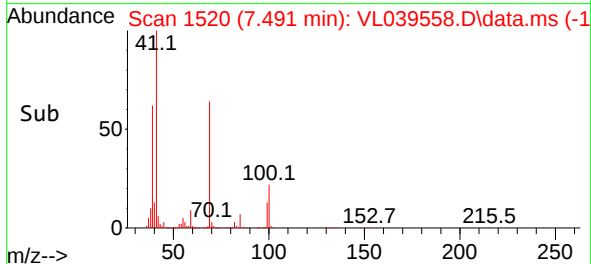
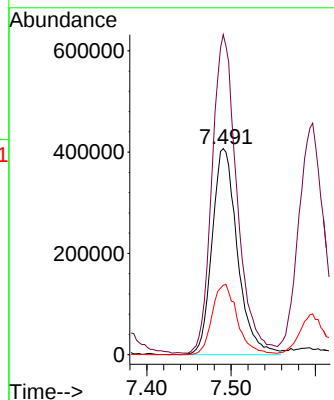
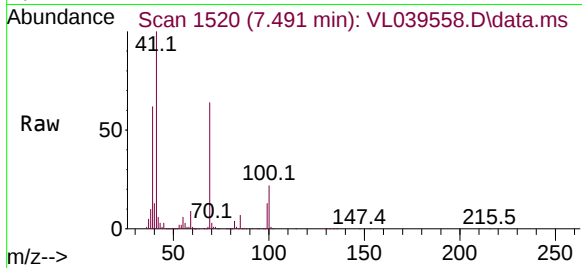




#43
Methyl Methacrylate
Concen: 10.834 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

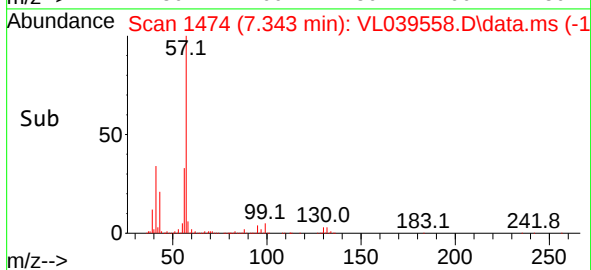
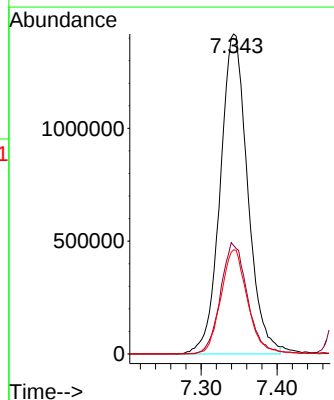
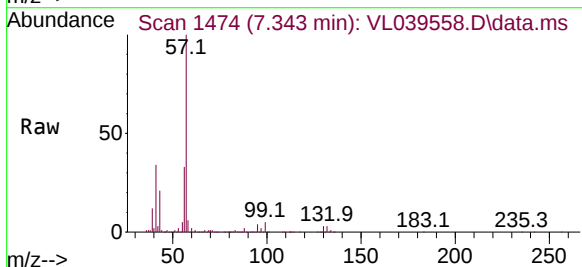
Instrument :
MSVOA_L
ClientSampleId :

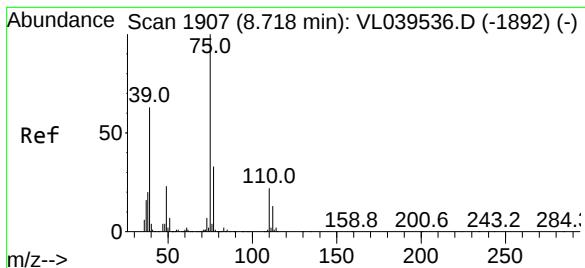
Tgt Ion: 69 Resp: 847614
Ion Ratio Lower Upper
69 100
41 154.6 123.0 184.6
100 34.1 27.4 41.2



#44
2,2,4-Trimethylpentane
Concen: 9.744 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 57 Resp: 3546878
Ion Ratio Lower Upper
57 100
41 34.3 27.8 41.6
56 31.8 25.5 38.3

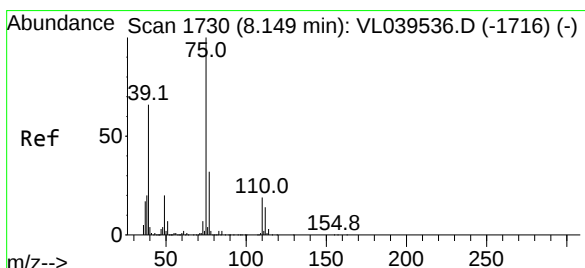
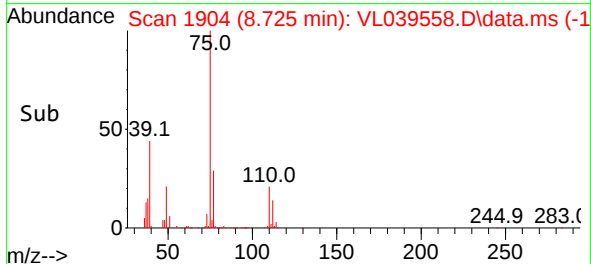
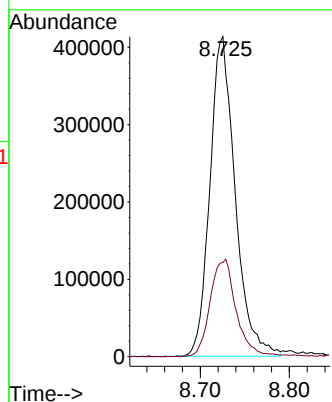
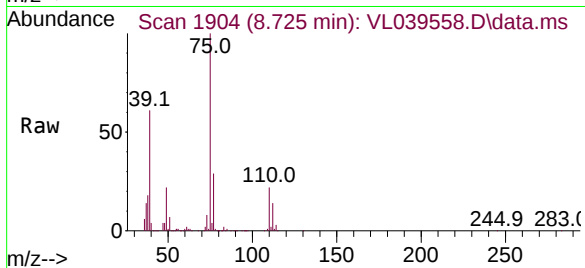




#45
t-1,3-Dichloropropene
Concen: 11.843 ppbv
RT: 8.725 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

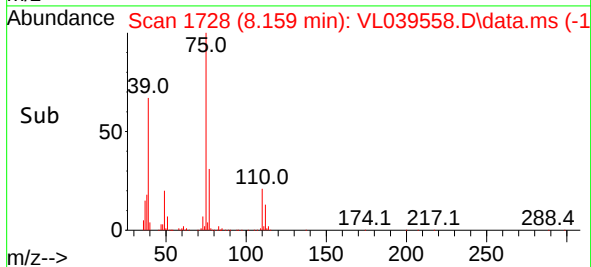
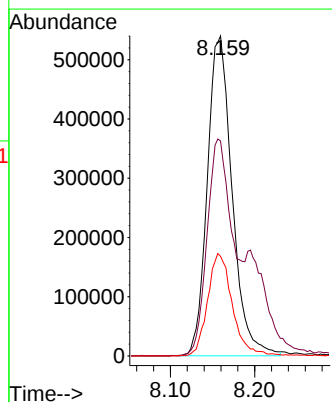
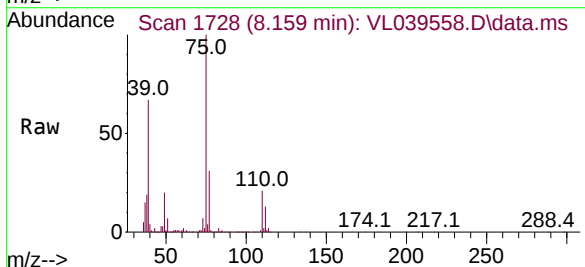
Instrument :
MSVOA_L
ClientSampleId :

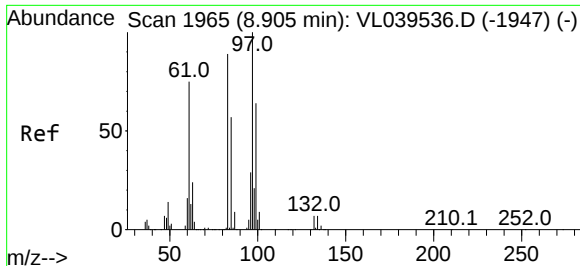
Tgt Ion: 75 Resp: 814890
Ion Ratio Lower Upper
75 100
77 29.5 26.2 39.2



#46
cis-1,3-Dichloropropene
Concen: 11.700 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.010 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 75 Resp: 1107764
Ion Ratio Lower Upper
75 100
39 67.0 52.8 79.2
77 31.1 25.3 37.9



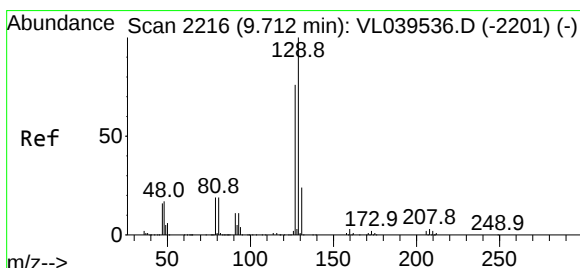
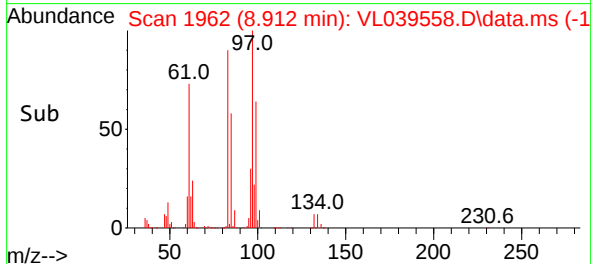
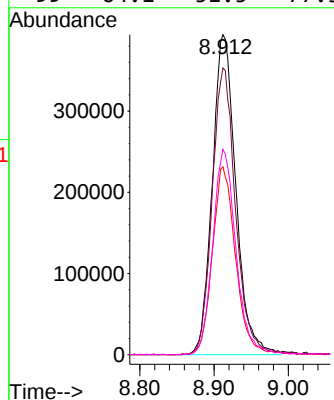
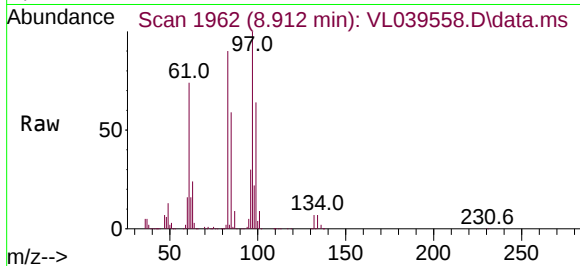


#47
1,1,2-Trichloroethane
Concen: 9.353 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 867919

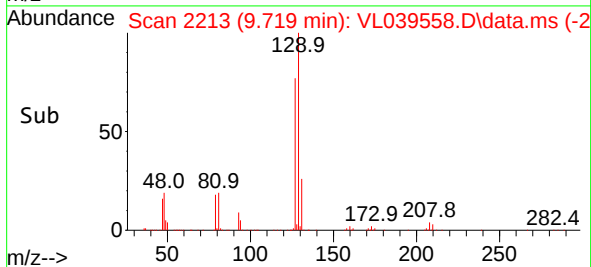
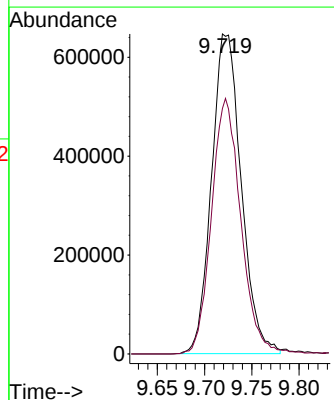
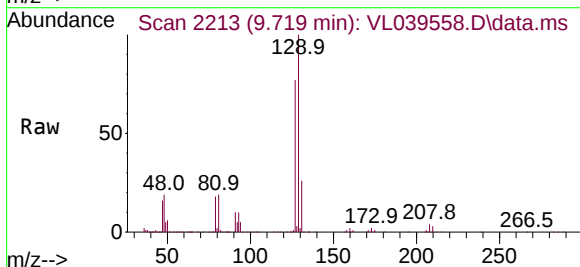
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.8	106.2
85	58.7	45.4	68.2
99	64.1	51.5	77.3

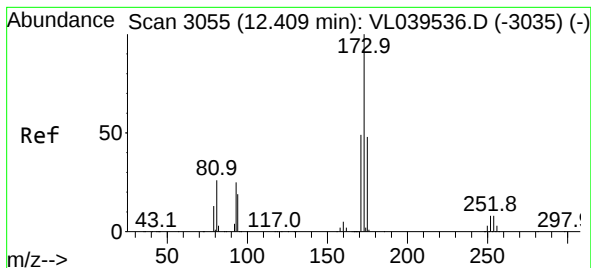


#48
Dibromochloromethane
Concen: 10.240 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 129 Resp: 1412736

Ion	Ratio	Lower	Upper
129	100		
127	79.1	38.8	116.3





#49

Bromoform

Concen: 10.270 ppbv

RT: 12.417 min Scan# 3055

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

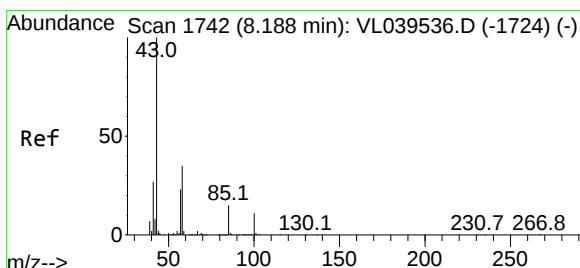
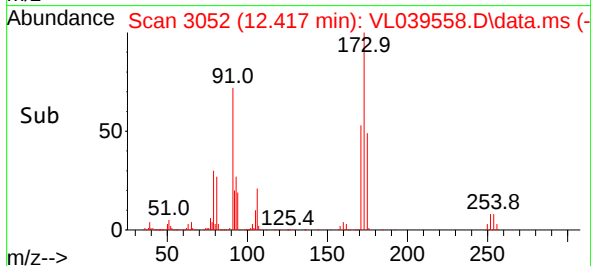
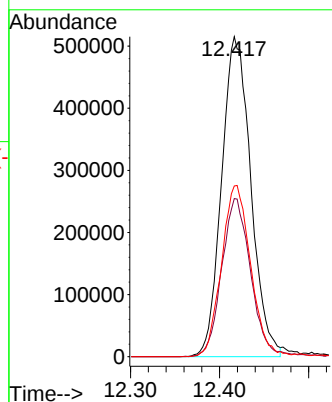
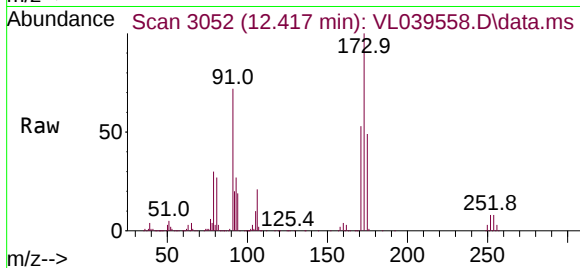
Tgt Ion:173 Resp: 1172155

Ion Ratio Lower Upper

173 100

175 49.5 0.0 0.0#

171 54.3 0.0 0.0#



#50

4-Methyl-2-Pentanone

Concen: 10.260 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.010 min

Lab File: VL039558.D

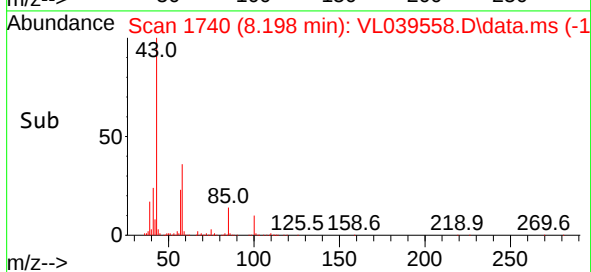
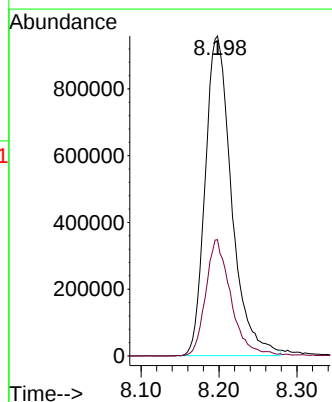
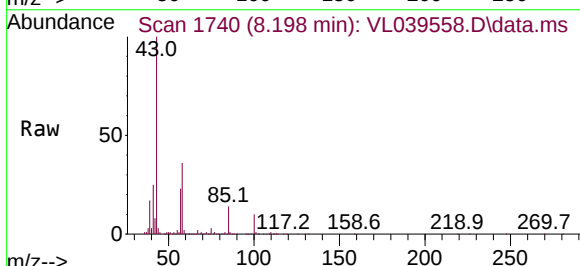
Acq: 18 Aug 2022 14:06

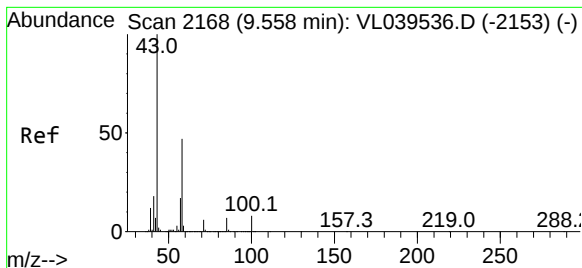
Tgt Ion: 43 Resp: 2249903

Ion Ratio Lower Upper

43 100

58 35.3 28.0 42.0

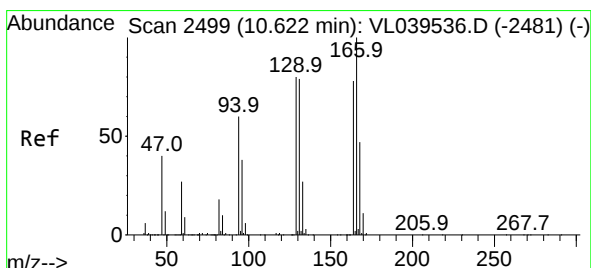
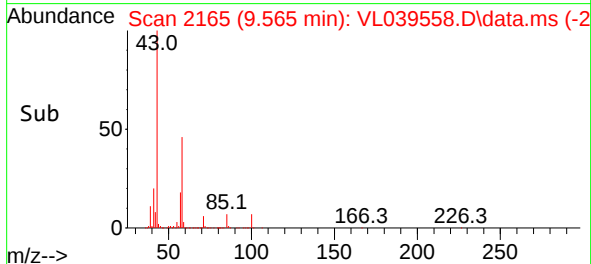
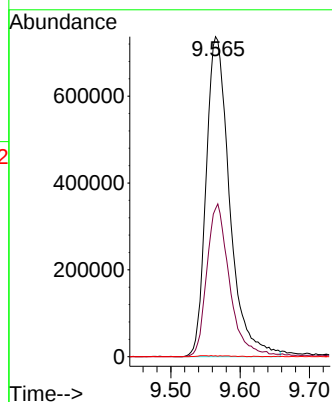
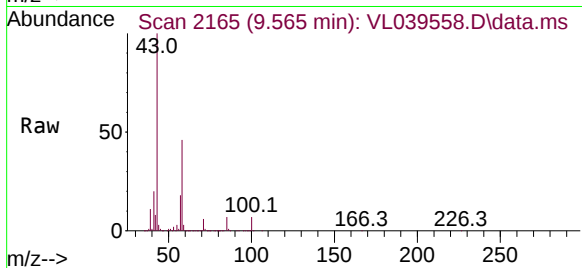




#51
2-Hexanone
Concen: 10.748 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

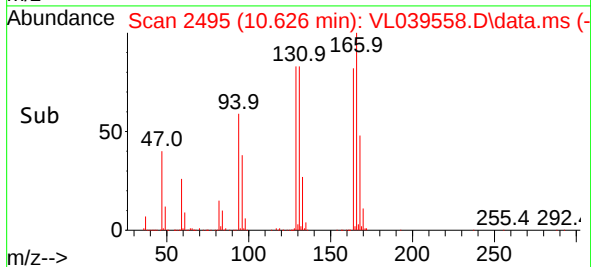
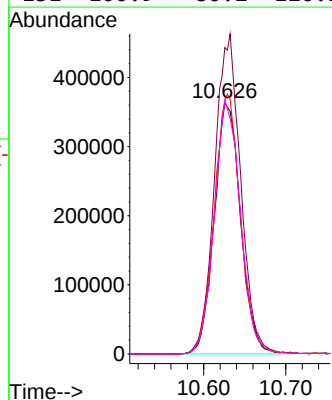
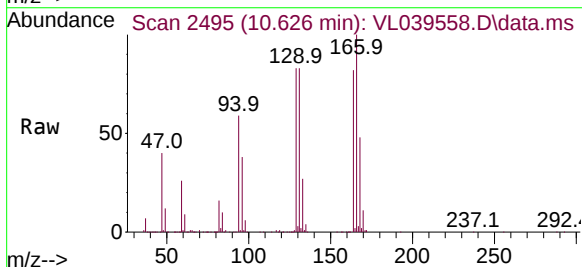
Instrument :
MSVOA_L
ClientSampleId :

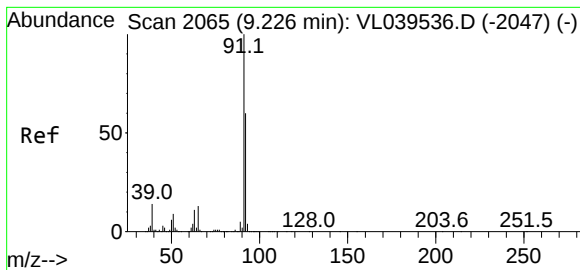
Tgt Ion: 43 Resp: 1737251
Ion Ratio Lower Upper
43 100
58 46.9 37.5 56.3
98 0.4 0.5 0.7#



#52
Tetrachloroethene
Concen: 9.573 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion:164 Resp: 810192
Ion Ratio Lower Upper
164 100
166 122.0 102.0 153.0
129 100.8 81.7 122.5
131 100.9 80.2 120.2





#53

Toluene

Concen: 10.337 ppbv

RT: 9.233 min Scan# 2062

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

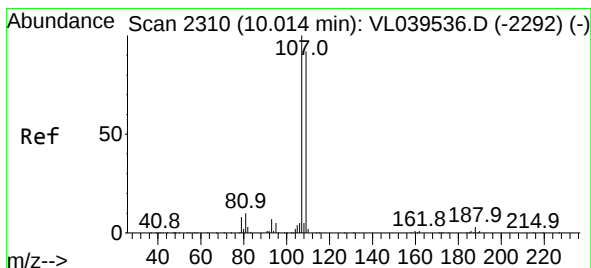
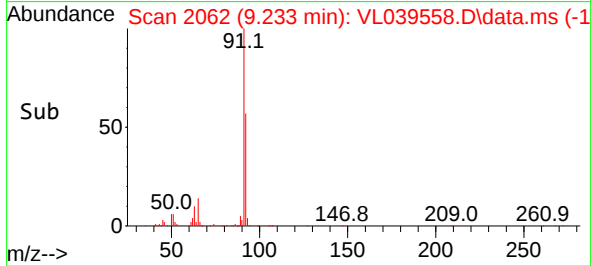
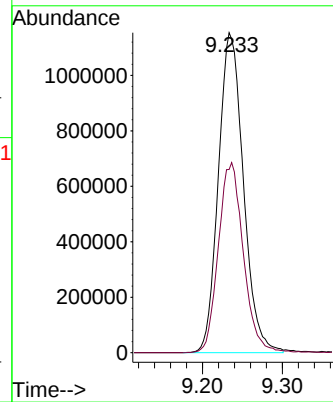
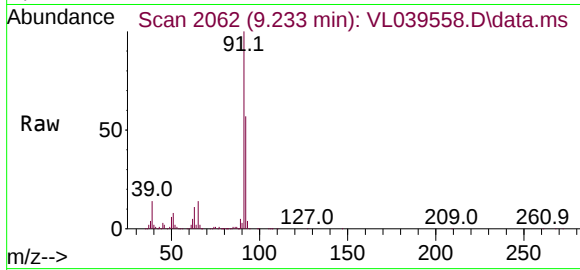
ClientSampleId :

Tgt Ion: 91 Resp: 2502304

Ion Ratio Lower Upper

91 100

92 59.6 47.9 71.9



#54

1,2-Dibromoethane

Concen: 9.969 ppbv

RT: 10.021 min Scan# 2307

Delta R.T. 0.007 min

Lab File: VL039558.D

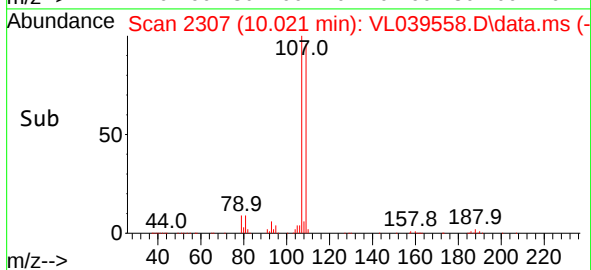
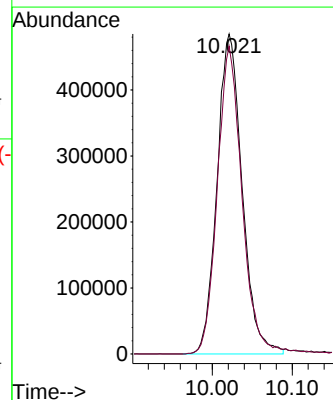
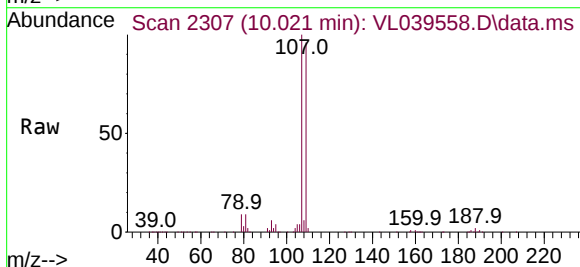
Acq: 18 Aug 2022 14:06

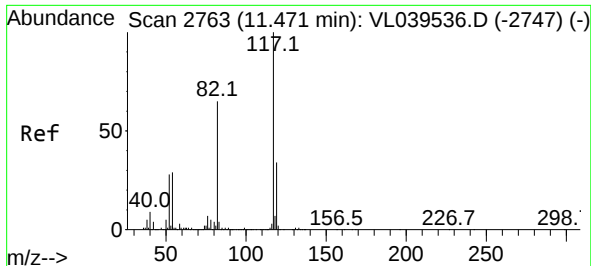
Tgt Ion: 107 Resp: 1055249

Ion Ratio Lower Upper

107 100

109 96.2 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.007 min

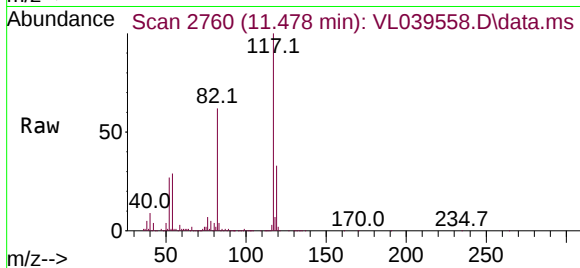
Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :



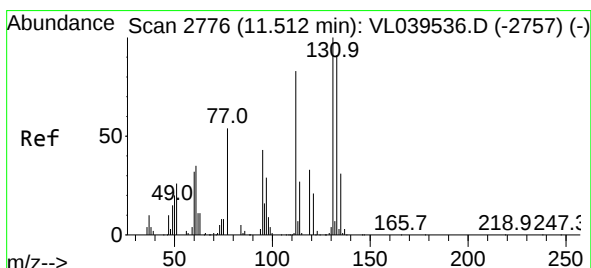
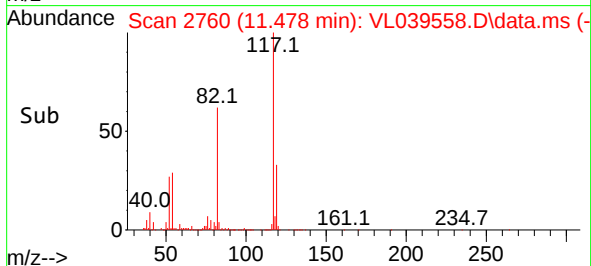
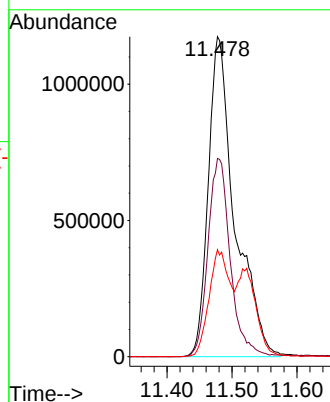
Tgt Ion:117 Resp: 3334571

Ion Ratio Lower Upper

117 100

82 52.5 49.1 73.7

119 25.1 25.9 38.9#



#56

1,1,1,2-Tetrachloroethane

Concen: 7.708 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

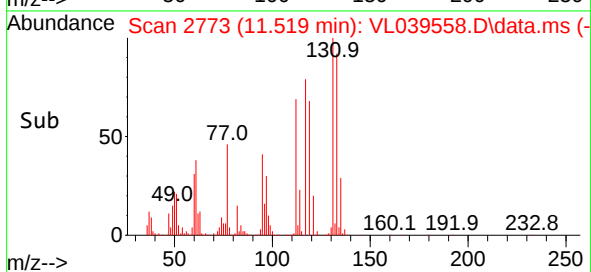
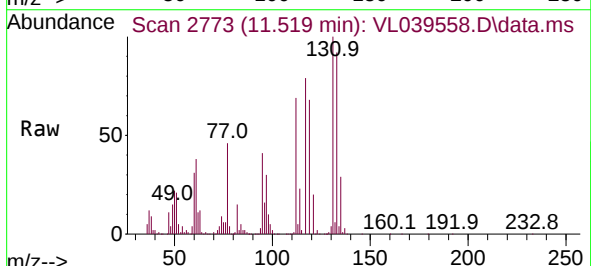
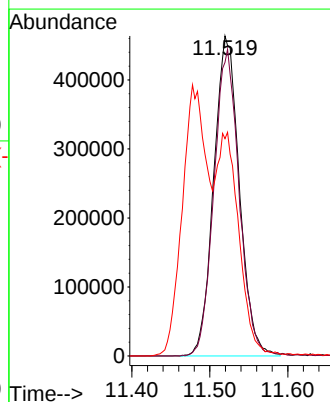
Tgt Ion:131 Resp: 1057989

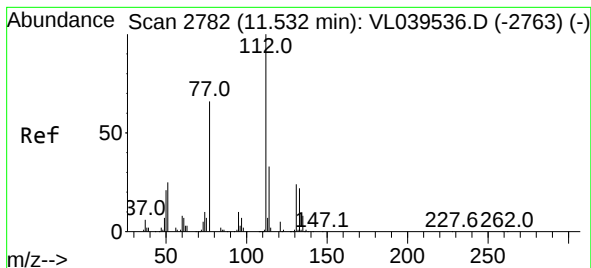
Ion Ratio Lower Upper

131 100

133 94.8 75.4 113.2

119 67.1 47.4 71.2





#57

Chlorobenzene

Concen: 7.454 ppbv

RT: 11.539 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

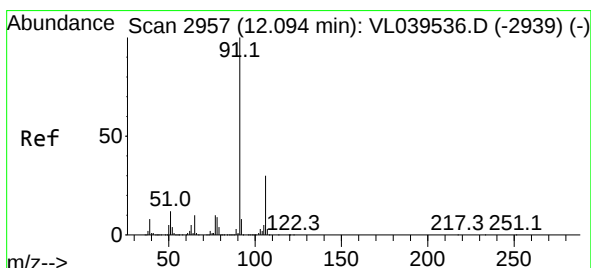
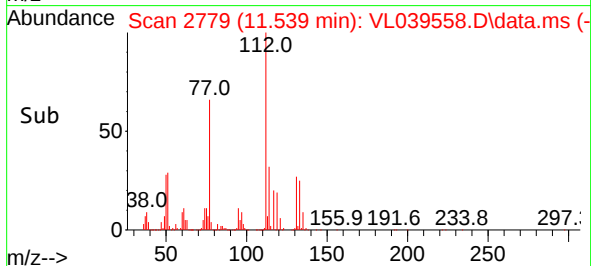
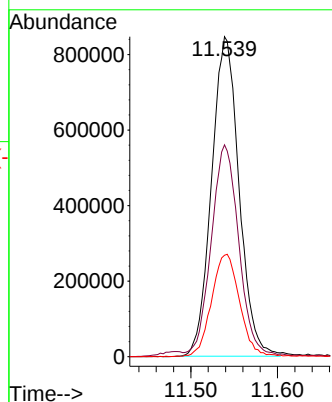
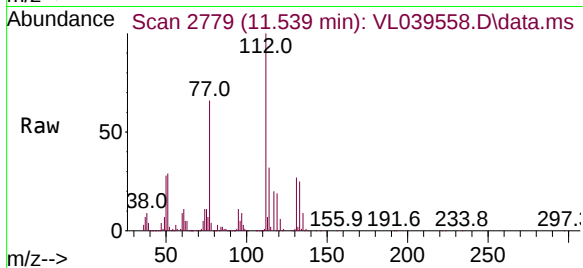
Tgt Ion:112 Resp: 1868881

Ion Ratio Lower Upper

112 100

77 65.5 53.4 80.0

114 31.6 29.5 36.1



#58

Ethyl Benzene

Concen: 8.469 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. 0.007 min

Lab File: VL039558.D

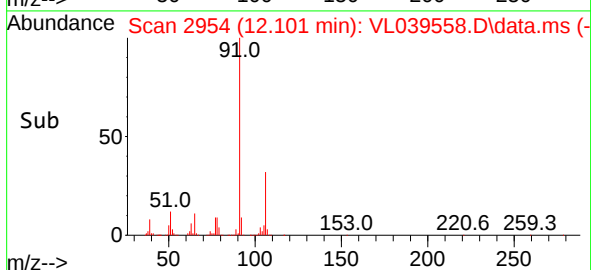
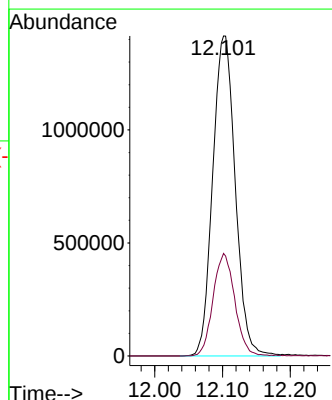
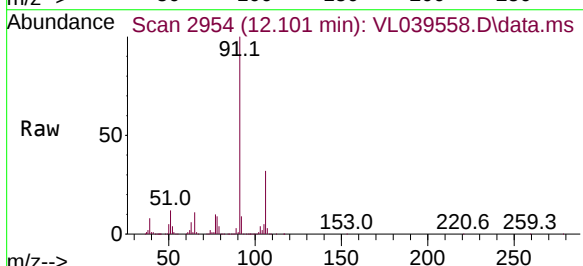
Acq: 18 Aug 2022 14:06

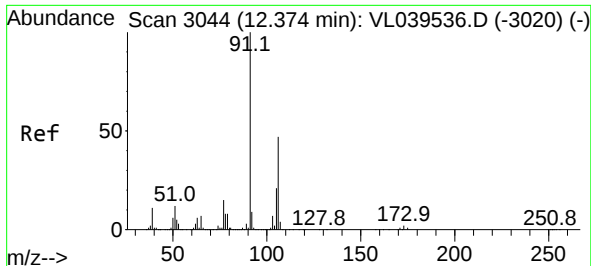
Tgt Ion: 91 Resp: 3270197

Ion Ratio Lower Upper

91 100

106 32.0 24.2 36.4





#59

m/p-Xylene

Concen: 8.264 ppbv

RT: 12.388 min Scan# 3044

Delta R.T. 0.013 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

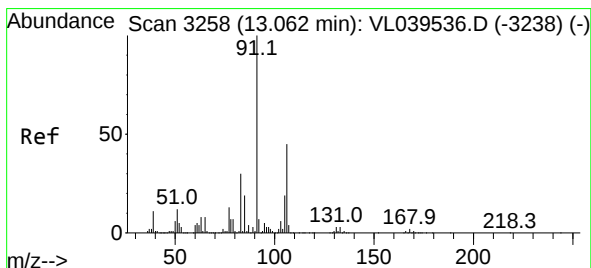
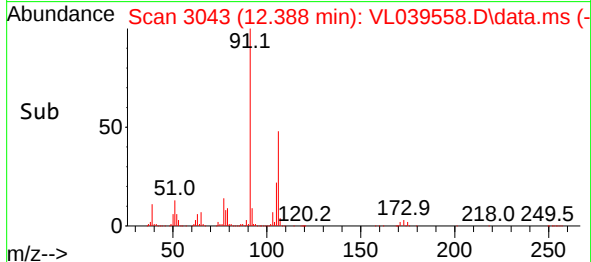
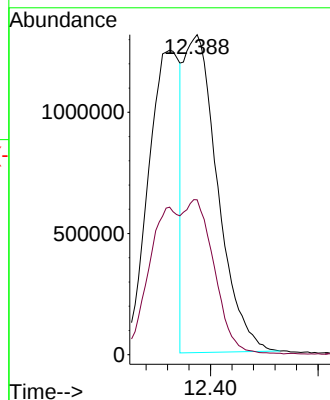
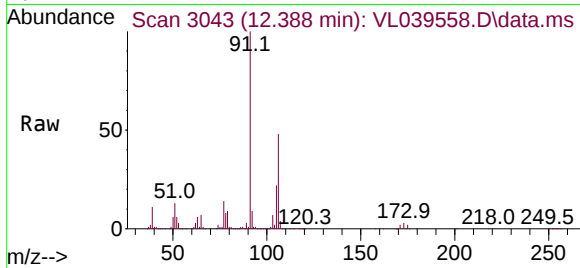
ClientSampleId :

Tgt Ion: 91 Resp: 2869031

Ion Ratio Lower Upper

91 100

106 86.9 0.0 0.0#



#60

o-Xylene

Concen: 7.958 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039558.D

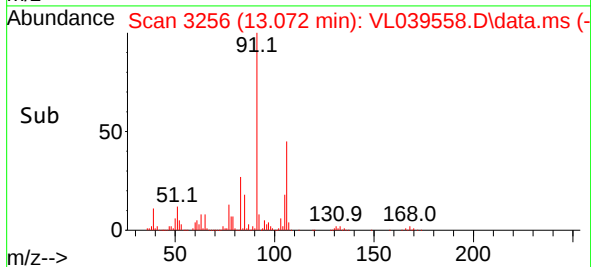
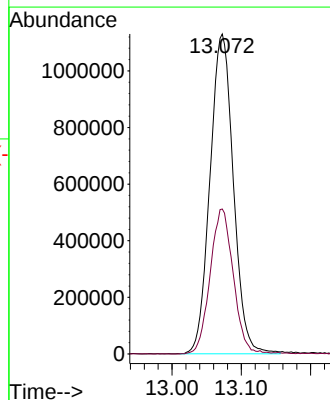
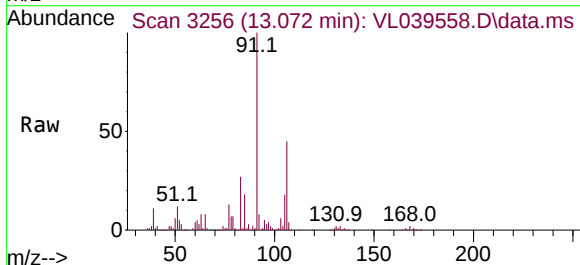
Acq: 18 Aug 2022 14:06

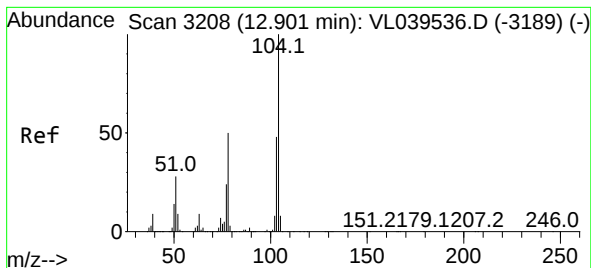
Tgt Ion: 91 Resp: 2648979

Ion Ratio Lower Upper

91 100

106 45.1 22.7 68.0





#61

Styrene

Concen: 9.097 ppbv

RT: 12.908 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

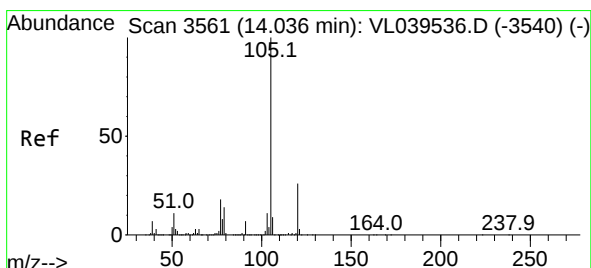
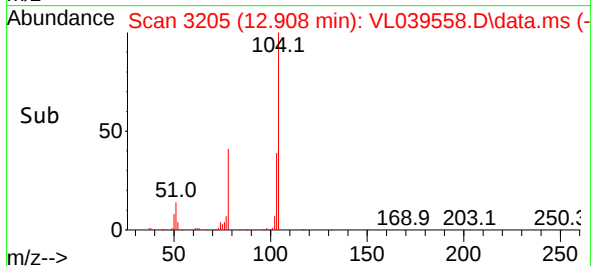
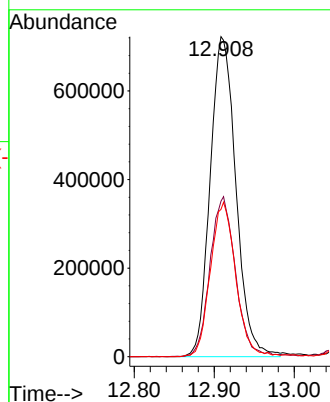
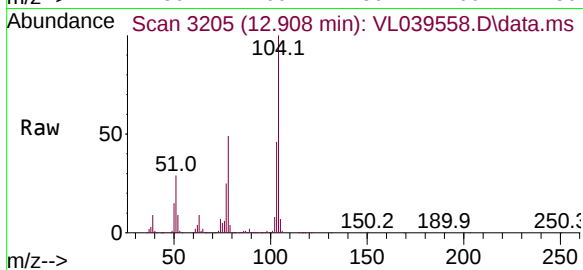
Tgt Ion:104 Resp: 1615392

Ion Ratio Lower Upper

104 100

78 49.9 40.0 60.0

103 47.7 38.2 57.2



#62

Isopropylbenzene

Concen: 7.646 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.004 min

Lab File: VL039558.D

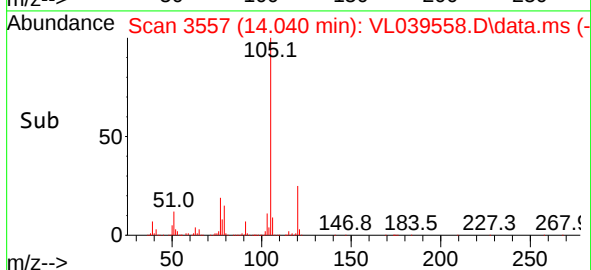
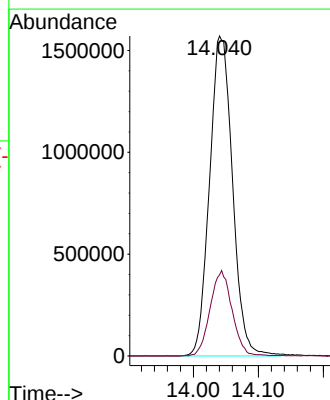
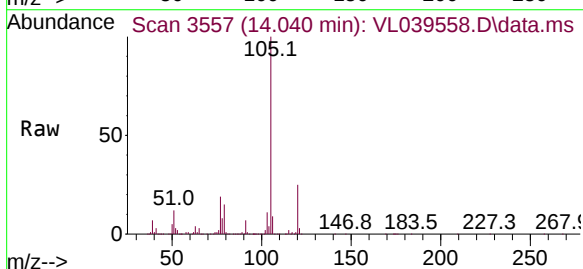
Acq: 18 Aug 2022 14:06

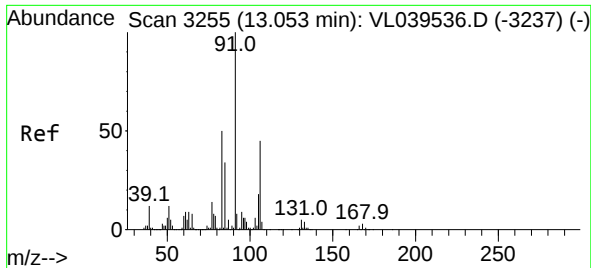
Tgt Ion:105 Resp: 3851463

Ion Ratio Lower Upper

105 100

120 25.6 20.6 30.8

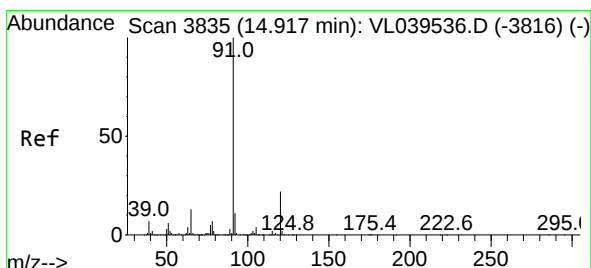
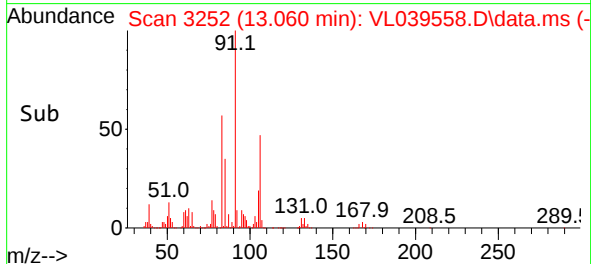
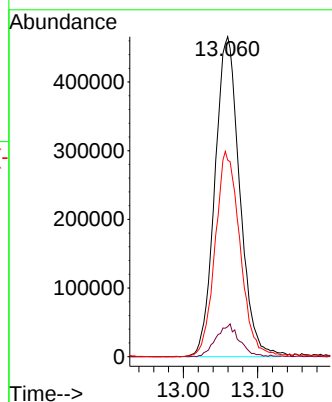
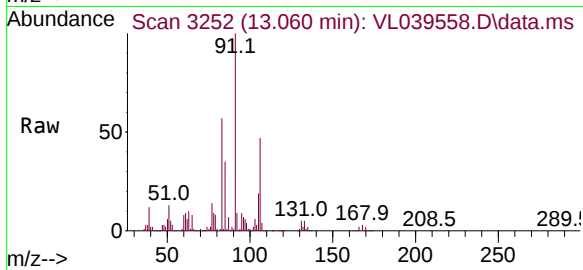




#63
1,1,2,2-Tetrachloroethane
Concen: 6.482 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

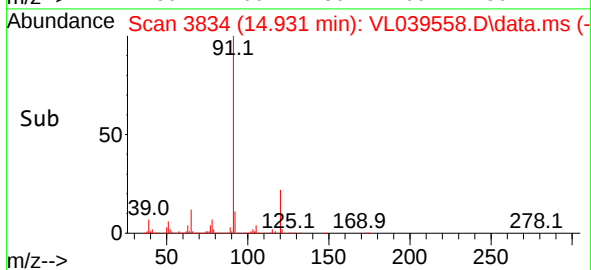
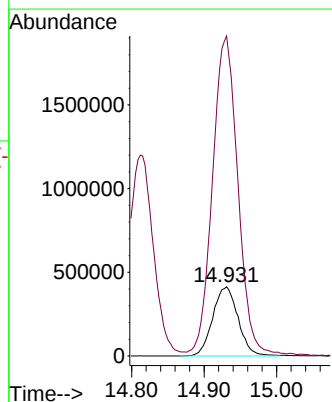
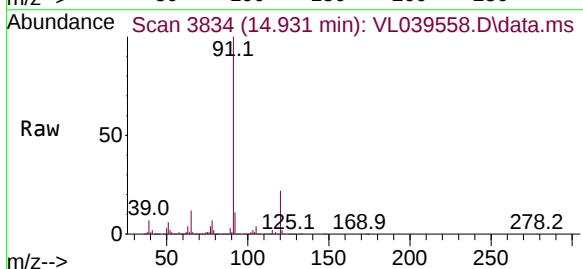
Instrument :
MSVOA_L
ClientSampleId :

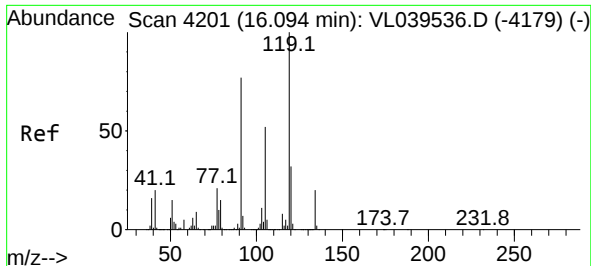
Tgt Ion: 83 Resp: 1085077
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 64.9 33.2 99.6



#64
n-propylbenzene
Concen: 7.628 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.013 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 120 Resp: 1001997
Ion Ratio Lower Upper
120 100
91 468.1 372.6 559.0

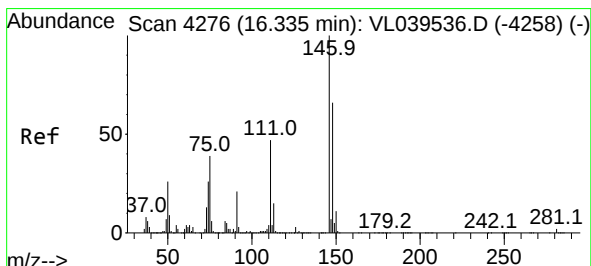
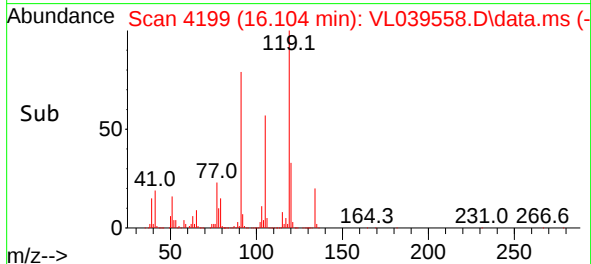
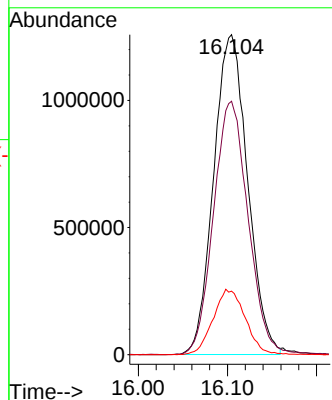
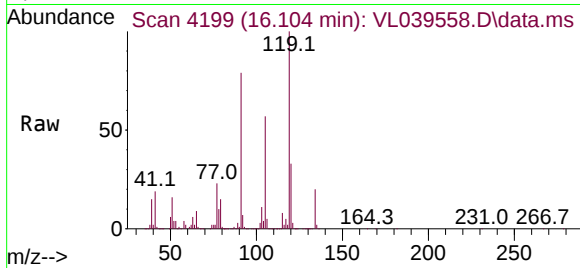




#65
tert-Butylbenzene
Concen: 7.415 ppbv
RT: 16.104 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

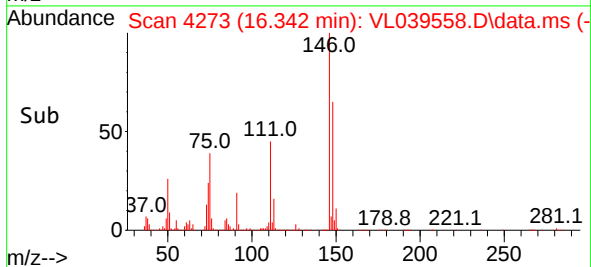
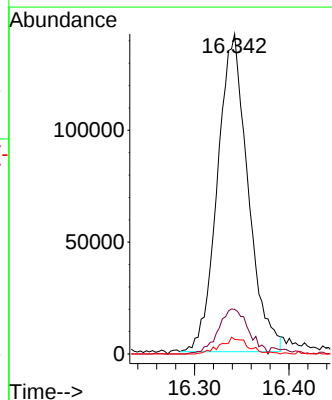
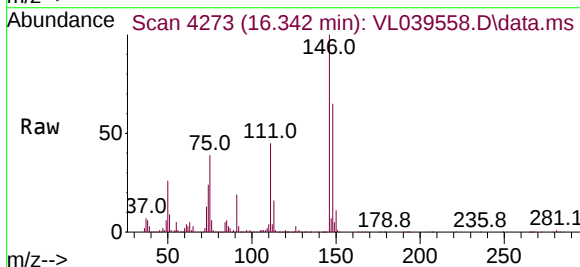
Instrument :
MSVOA_L
ClientSampleId :

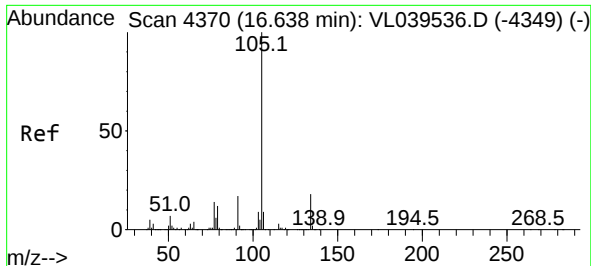
Tgt Ion:119 Resp: 3330261
Ion Ratio Lower Upper
119 100
91 81.0 63.8 95.8
134 19.5 15.4 23.2



#66
Benzyl Chloride
Concen: 8.252 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 91 Resp: 318005
Ion Ratio Lower Upper
91 100
126 15.3 0.0 0.0#
128 4.8 1.5 2.3#

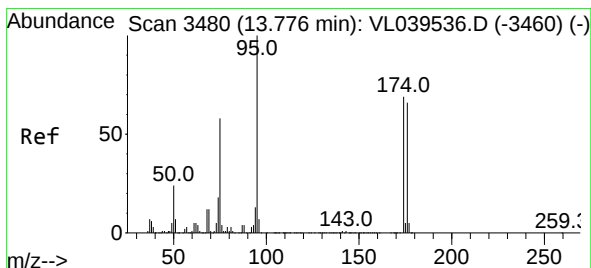
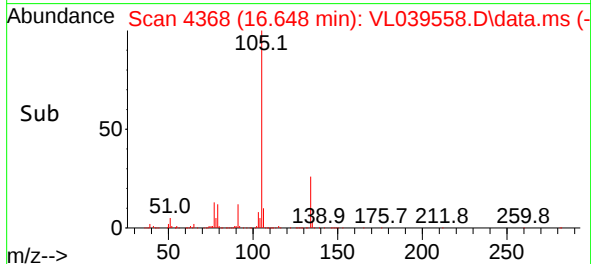
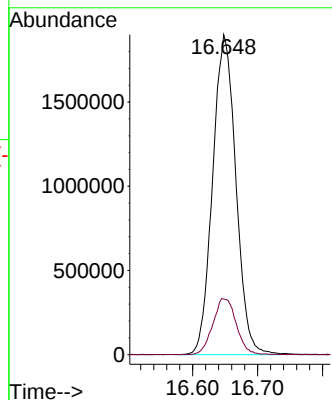
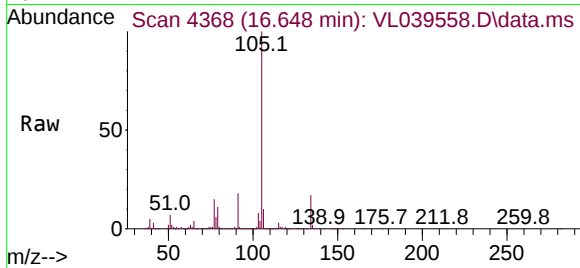




#67
 sec-Butylbenzene
 Concen: 7.440 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

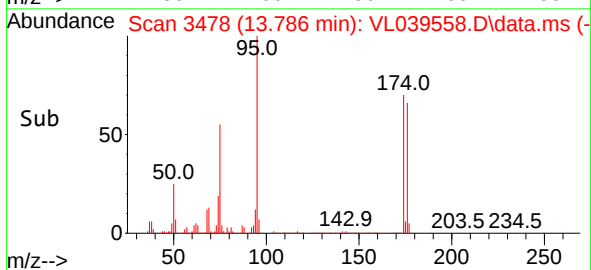
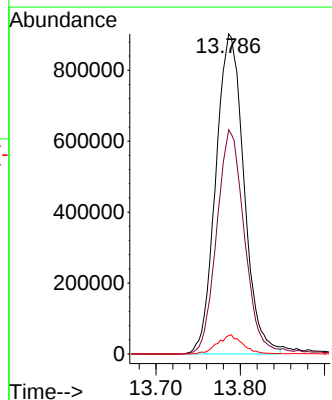
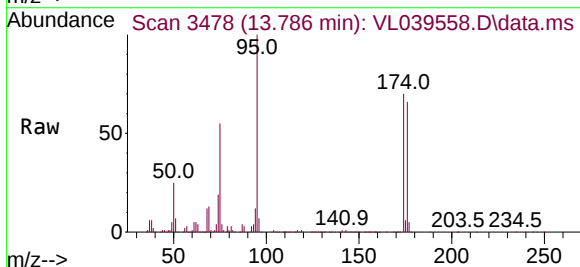
Instrument :
 MSVOA_L
 ClientSampleId :

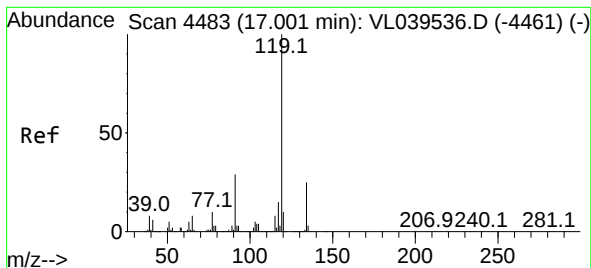
Tgt Ion:105 Resp: 4718693
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.350 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion: 95 Resp: 2096132
 Ion Ratio Lower Upper
 95 100
 174 70.2 56.3 84.5
 175 5.4 4.3 6.5





#69

p-Isopropyltoluene

Concen: 7.470 ppbv

RT: 17.008 min Scan# 44

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

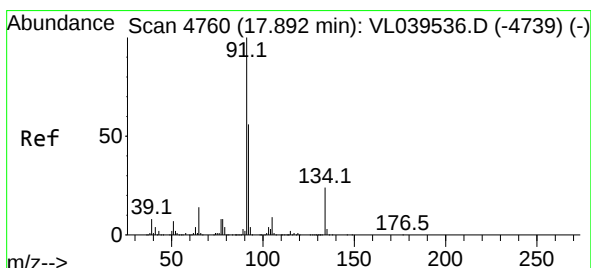
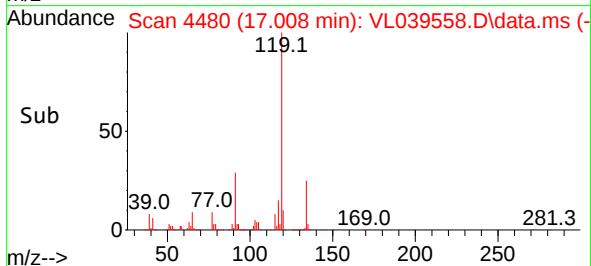
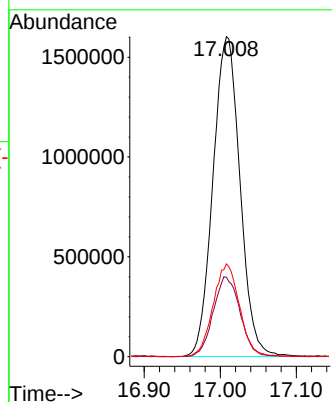
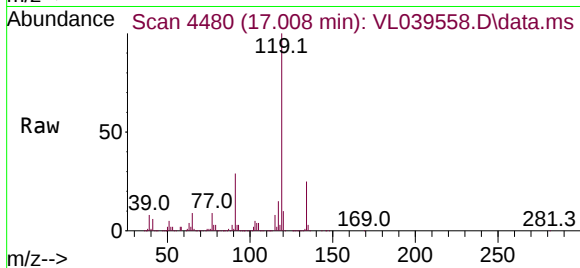
Tgt Ion:119 Resp: 3946802

Ion Ratio Lower Upper

119 100

134 25.0 19.8 29.6

91 28.5 22.6 33.8



#70

n-Butylbenzene

Concen: 7.470 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

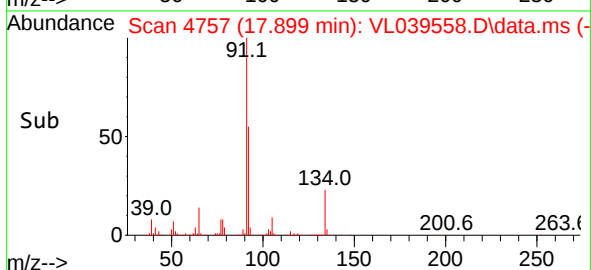
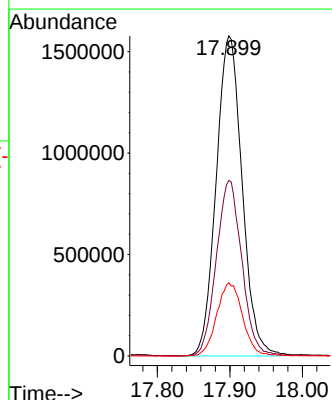
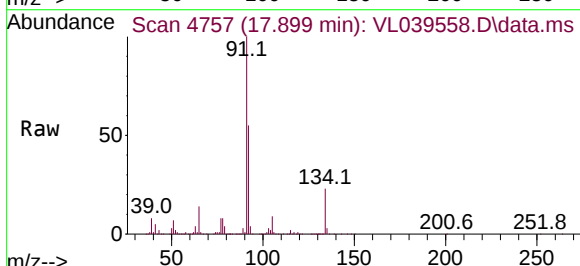
Tgt Ion: 91 Resp: 3918421

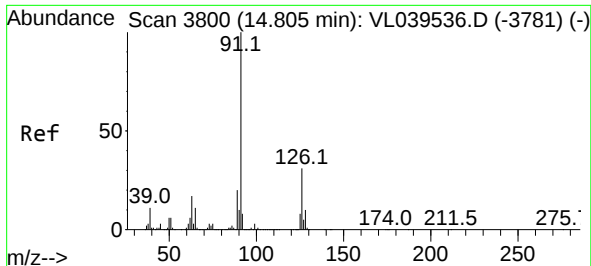
Ion Ratio Lower Upper

91 100

92 54.0 43.0 64.6

134 22.9 18.1 27.1

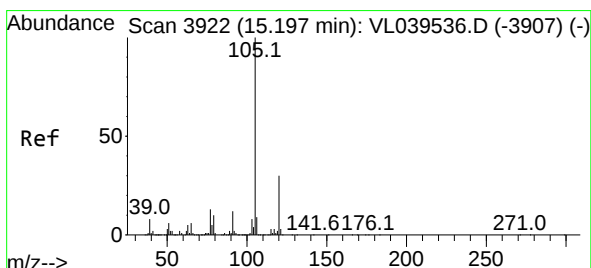
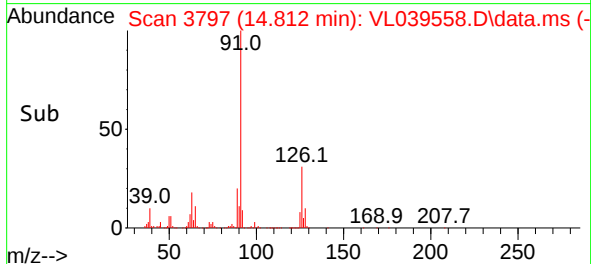
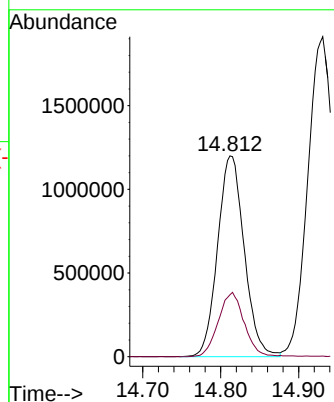
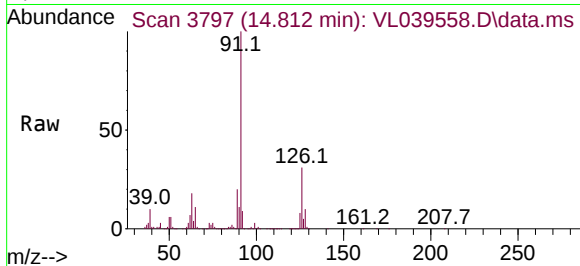




#71
2-Chlorotoluene
Concen: 7.807 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

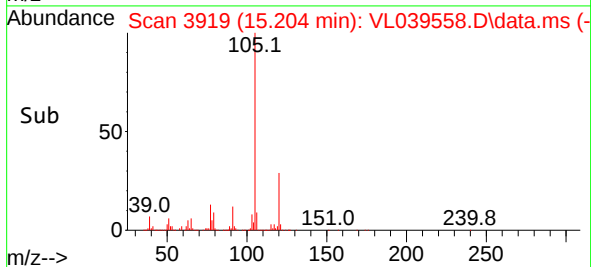
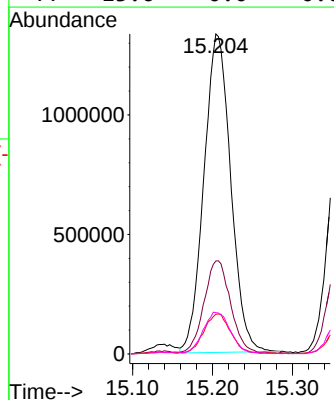
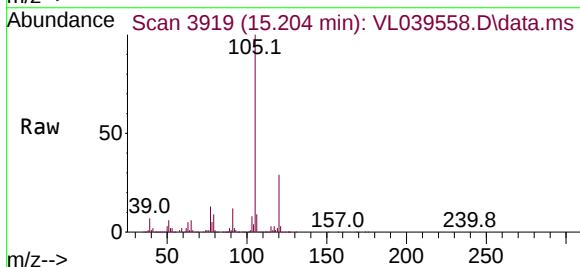
Instrument :
MSVOA_L
ClientSampleId :

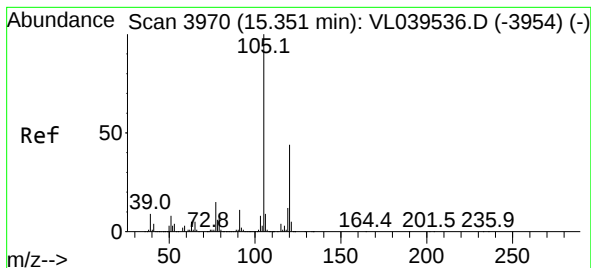
Tgt Ion: 91 Resp: 2849846
Ion Ratio Lower Upper
91 100
126 31.7 12.9 51.5



#72
4-Ethyltoluene
Concen: 7.942 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

Tgt Ion: 105 Resp: 3105959
Ion Ratio Lower Upper
105 100
120 29.4 0.0 0.0#
91 13.1 0.0 0.0#
77 13.6 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 7.719 ppbv

RT: 15.365 min Scan# 3970

Delta R.T. 0.013 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

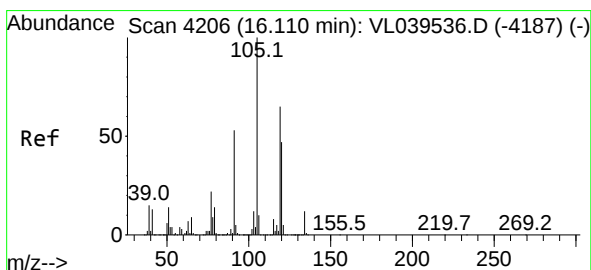
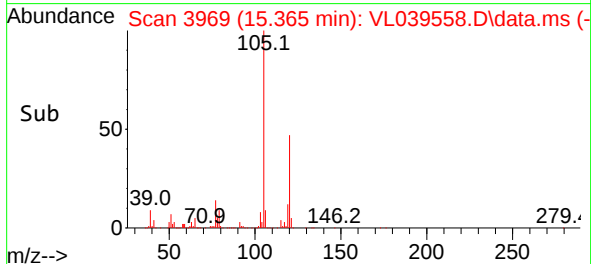
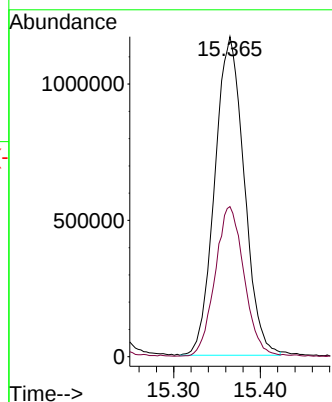
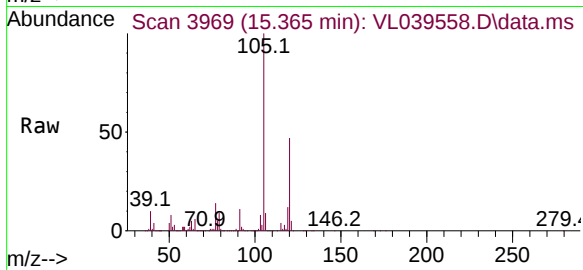
ClientSampleId :

Tgt Ion:105 Resp: 2757039

Ion Ratio Lower Upper

105 100

120 46.9 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 7.422 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.010 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Tgt Ion:105 Resp: 2955742

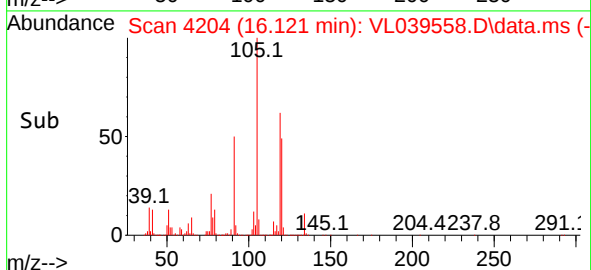
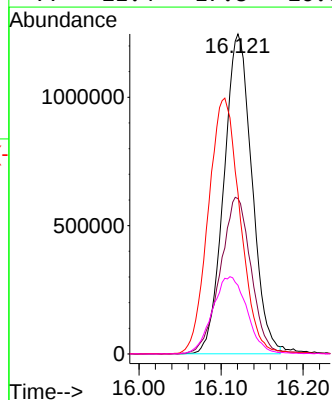
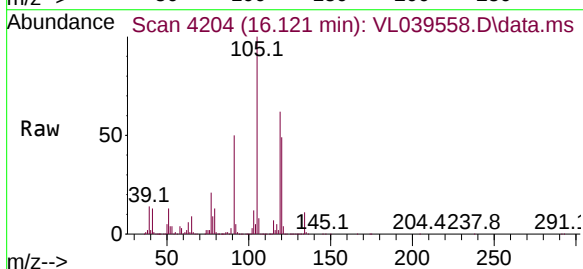
Ion Ratio Lower Upper

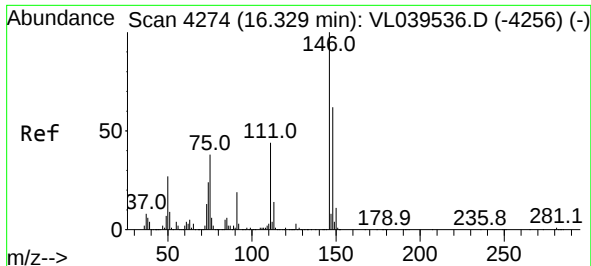
105 100

120 48.5 37.8 56.8

91 50.0 43.8 65.6

77 21.4 17.8 26.6

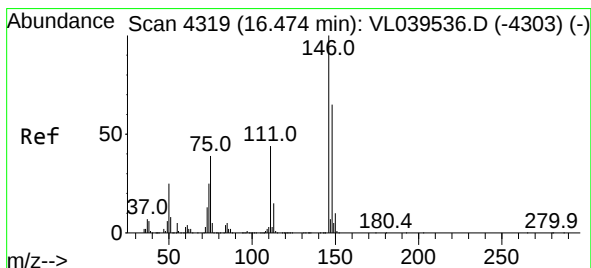
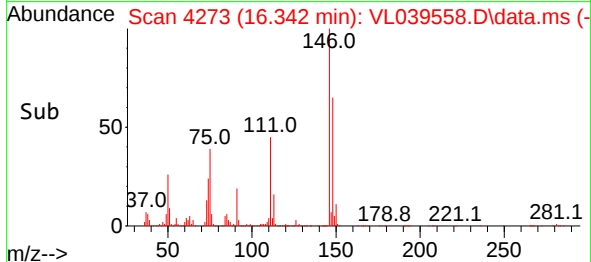
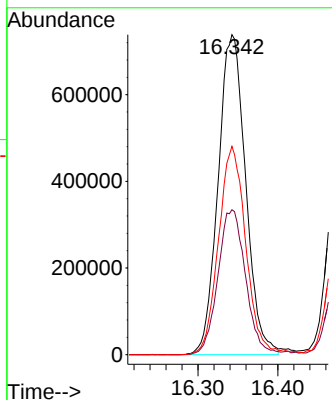
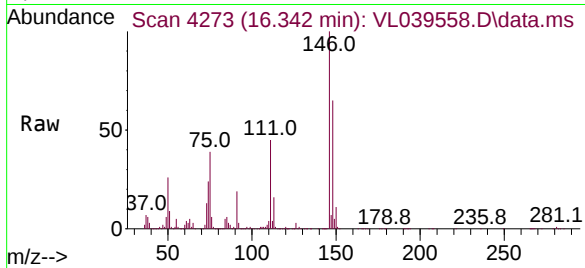




#75
 1,3-Dichlorobenzene
 Concen: 7.296 ppbv
 RT: 16.342 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

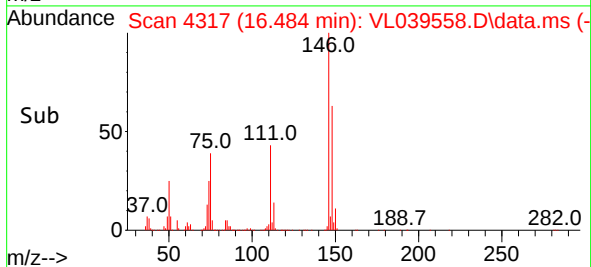
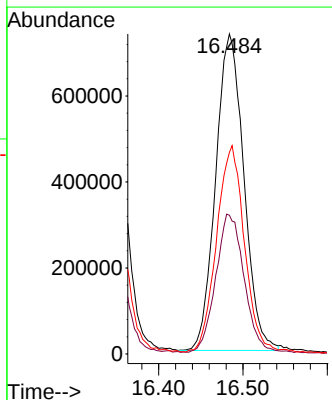
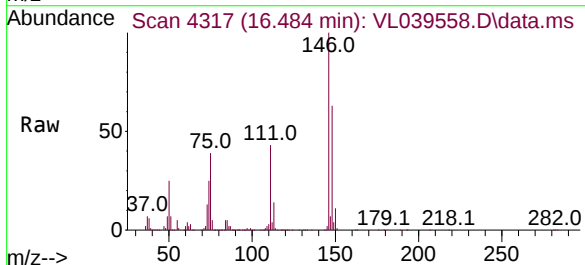
Instrument :
 MSVOA_L
 ClientSampleId :

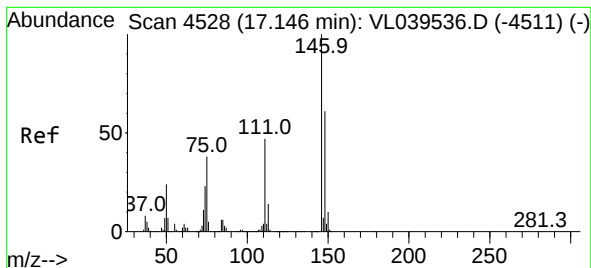
Tgt Ion:146 Resp: 1765109
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.9 68.5
 148 64.9 32.4 97.0



#76
 1,4-Dichlorobenzene
 Concen: 7.048 ppbv
 RT: 16.484 min Scan# 4317
 Delta R.T. 0.010 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Tgt Ion:146 Resp: 1707591
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.3 66.8
 148 66.6 31.5 94.5





#77

1,2-Dichlorobenzene

Concen: 7.148 ppbv

RT: 17.153 min Scan# 4525

Delta R.T. 0.007 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

Instrument :

MSVOA_L

ClientSampleId :

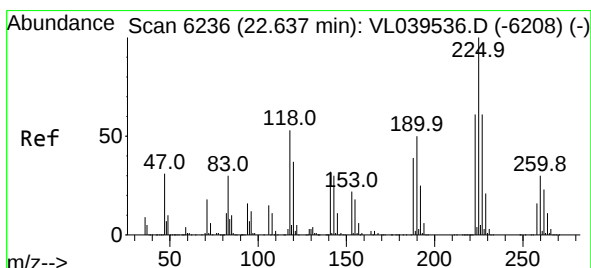
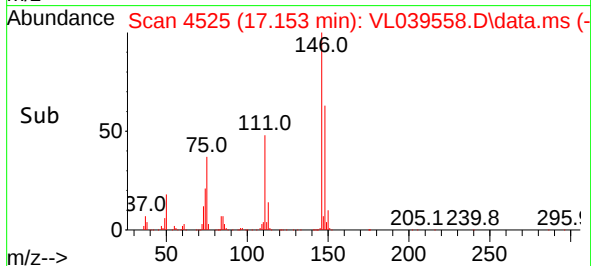
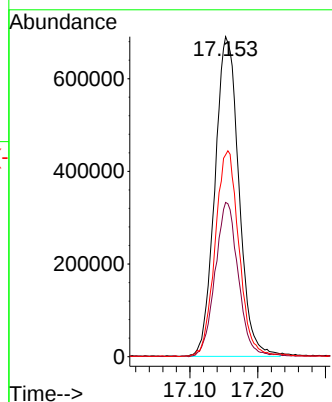
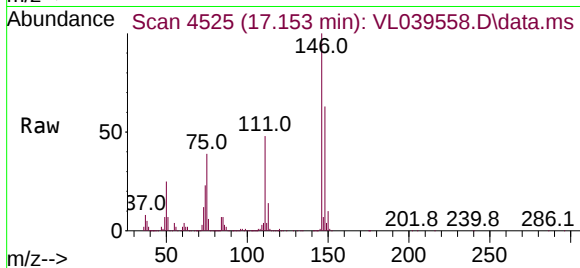
Tgt Ion:146 Resp: 1694443

Ion Ratio Lower Upper

146 100

111 46.9 23.9 71.8

148 64.4 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 7.354 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.010 min

Lab File: VL039558.D

Acq: 18 Aug 2022 14:06

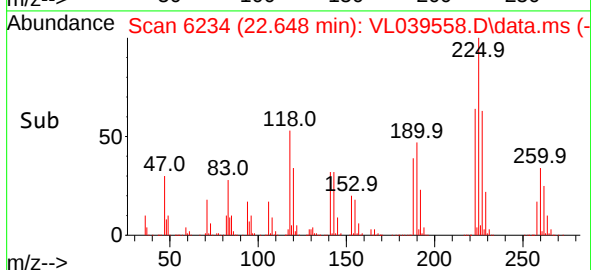
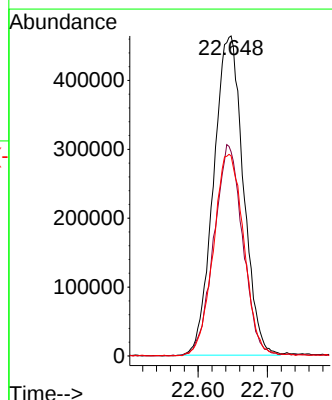
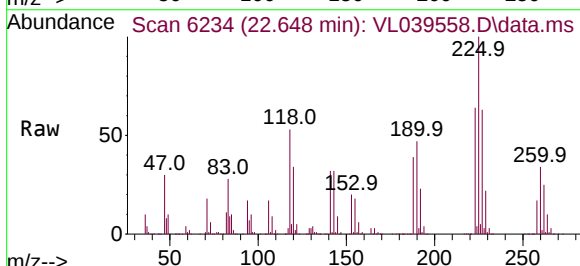
Tgt Ion:225 Resp: 1384858

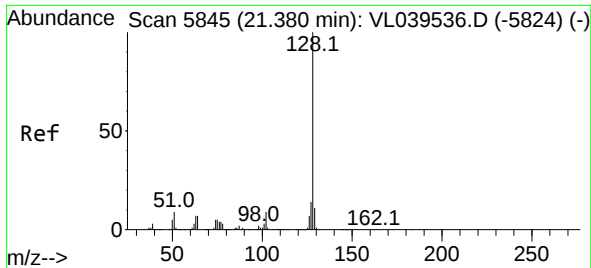
Ion Ratio Lower Upper

225 100

223 64.6 0.0 0.0#

227 64.7 0.0 0.0#

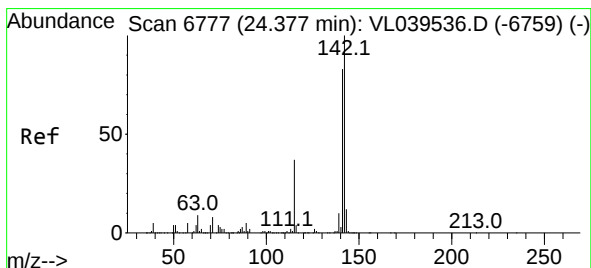
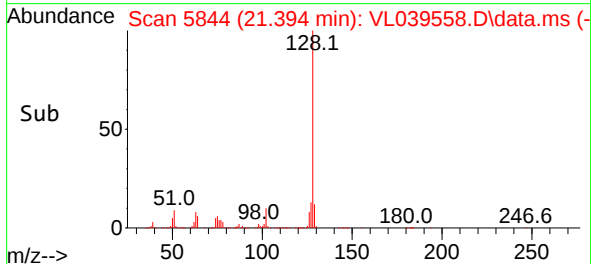
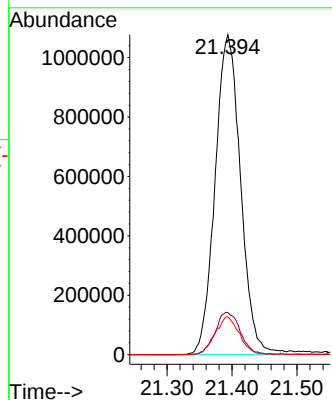
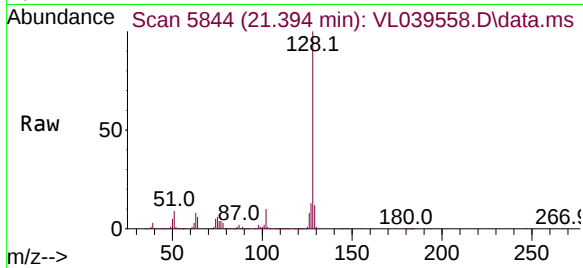




#79
Naphthalene
Concen: 10.299 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.013 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

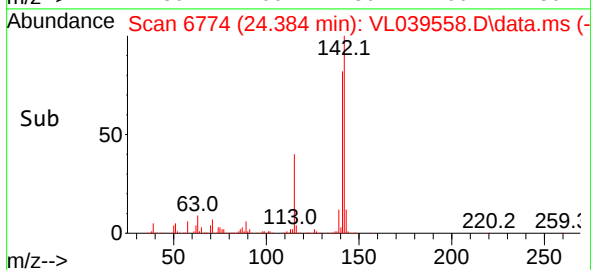
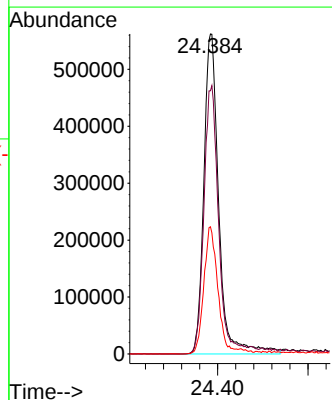
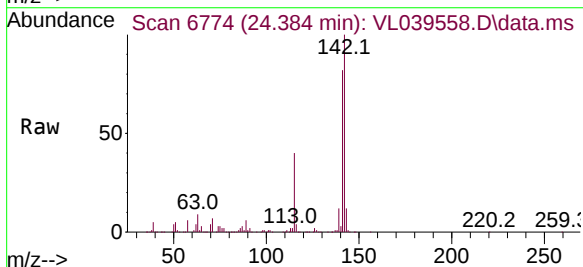
Instrument :
MSVOA_L
ClientSampleId :

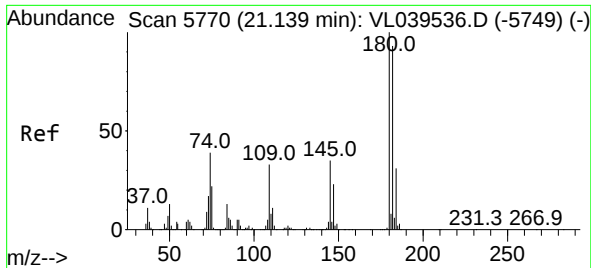
Tgt Ion:128 Resp: 2920413
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.9 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 11.516 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039558.D
Acq: 18 Aug 2022 14:06

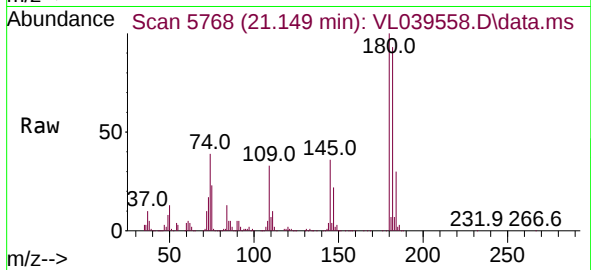
Tgt Ion:142 Resp: 1290323
Ion Ratio Lower Upper
142 100
141 84.2 0.0 0.0#
115 38.2 0.0 0.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 8.599 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL039558.D
 Acq: 18 Aug 2022 14:06

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1625211
 Ion Ratio Lower Upper
 180 100
 182 96.9 0.0 0.0#
 184 30.6 0.0 0.0#

