

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039789.D
 Acq On : 25 Oct 2022 15:50
 Operator : SY/AP
 Sample : VL1025AB101
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

Quant Time: Oct 28 08:07:54 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	939800	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2446831	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2836956	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.773	95	1664906	8.250	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	991403	10.075	ppbv	97
3) Chlorodifluoromethane	2.697	51	1118593	9.908	ppbv	99
4) Chloromethane	2.835	50	698184	9.879	ppbv	99
5) Vinyl Chloride	2.944	62	597329	10.190	ppbv	97
6) Bromomethane	3.140	94	209771	9.961	ppbv	95
7) Chloroethane	3.218	64	214630	10.196	ppbv	95
8) Dichlorotetrafluoroethane	2.880	85	1346693	10.483	ppbv	98
9) Propene	2.716	41	514583	10.609	ppbv	92
10) Heptane	7.584	43	1290758	11.115	ppbv	100
11) Trichlorofluoromethane	3.581	101	1395203	10.148	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	1063862	9.978	ppbv	100
13) Ethanol	3.256	45	11704	3.360	ppbv #	37
14) Bromoethene	3.388	108	432774	10.228	ppbv	98
15) Acetone	3.488	43	1014850	9.041	ppbv	98
16) 1,3-Butadiene	3.009	39	569321	10.261	ppbv	98
17) tert-Butyl alcohol	3.893	59	936946	10.234	ppbv	97
18) 1,1-Dichloroethene	3.899	96	453412	9.664	ppbv	96
19) Isopropyl Alcohol	3.594	45	587933	11.179	ppbv #	98
20) Methylene Chloride	3.951	84	395761	9.267	ppbv	94
21) Allyl Chloride	4.012	41	745304	10.258	ppbv	100
22) trans-1,2-Dichloroethene	4.462	96	474963	9.745	ppbv	97
23) Vinyl Acetate	4.642	43	441449	10.202	ppbv	99
24) 1,1-Dichloroethane	4.578	63	1013829	10.061	ppbv	98
25) Ethyl Acetate	5.218	43	2319905	10.571	ppbv	99
26) Hexane	5.227	57	947782	10.386	ppbv	98
27) Carbon Disulfide	4.140	76	1210721	11.177	ppbv	96
28) Methyl tert-Butyl Ether	4.600	73	782790	9.860	ppbv	100
29) Chloroform	5.288	83	1417131	9.878	ppbv	99
30) Cyclohexane	6.610	84	784584	10.493	ppbv	98
31) cis-1,2-Dichloroethene	5.092	61	907970	10.308	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1394334	10.709	ppbv	100
34) 2-Butanone	4.800	43	1207941	10.494	ppbv	100
35) Carbon Tetrachloride	6.504	117	1500588	10.757	ppbv	98
36) Benzene	6.378	78	1988366	10.552	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1070288	10.458	ppbv	99
38) Trichloroethene	7.298	130	1170752	11.006	ppbv	95
39) 1,2-Dichloropropane	7.079	63	759971	10.469	ppbv	95
40) 1,4-Dioxane	7.295	88	309445	12.506	ppbv #	100
41) Tetrahydrofuran	5.571	42	800006	11.186	ppbv	99
42) Bromodichloromethane	7.256	83	1548687	10.746	ppbv	100
43) Methyl Methacrylate	7.481	69	778100	11.858	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	3387617	10.753	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	702769	12.606	ppbv	95

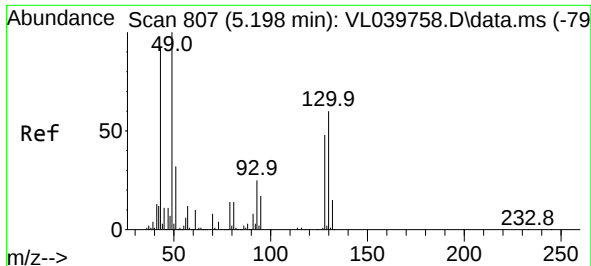
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039789.D
 Acq On : 25 Oct 2022 15:50
 Operator : SY/AP
 Sample : VL1025AB101
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VL1025ABS01

Quant Time: Oct 28 08:07:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	987859	12.348	ppbv	97
47) 1,1,2-Trichloroethane	8.902	97	801470	10.311	ppbv	97
48) Dibromochloromethane	9.713	129	1338659	10.698	ppbv	100
49) Bromoform	12.407	173	1069640	10.495	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2126194	11.772	ppbv	100
51) 2-Hexanone	9.555	43	1641498	12.415	ppbv #	99
52) Tetrachloroethene	10.616	164	734332	10.403	ppbv	97
53) Toluene	9.224	91	2302549	11.663	ppbv	99
54) 1,2-Dibromoethane	10.012	107	904741	11.466	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	970929	8.088	ppbv	96
57) Chlorobenzene	11.529	112	1726853	7.935	ppbv	98
58) Ethyl Benzene	12.092	91	2960289	9.160	ppbv	100
59) m/p-Xylene	12.375	91	2798266	9.593	ppbv #	45
60) o-Xylene	13.060	91	2391553	8.744	ppbv	99
61) Styrene	12.899	104	1407229	9.796	ppbv	100
62) Isopropylbenzene	14.034	105	3464532	8.291	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	819429	7.123	ppbv	99
64) n-propylbenzene	14.921	120	880046	8.317	ppbv	97
65) tert-Butylbenzene	16.092	119	2944441	8.086	ppbv	99
66) Benzyl Chloride	16.330	91	199330	7.717	ppbv	98
67) sec-Butylbenzene	16.635	105	4129958	8.052	ppbv	99
69) p-Isopropyltoluene	16.995	119	3413835	8.228	ppbv	99
70) n-Butylbenzene	17.886	91	3350445	8.445	ppbv	99
71) 2-Chlorotoluene	14.802	91	2447560	8.433	ppbv	100
72) 4-Ethyltoluene	15.195	105	2721045	8.636	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2412319	8.555	ppbv	94
74) 1,2,4-Trimethylbenzene	16.108	105	2581327	8.084	ppbv	98
75) 1,3-Dichlorobenzene	16.333	146	1498401	7.731	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1434092	7.758	ppbv	98
77) 1,2-Dichlorobenzene	17.140	146	1443168	7.809	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1046309	7.429	ppbv	99
79) Naphthalene	21.378	128	2111883	10.815	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	665328	10.033	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	1187744	9.203	ppbv	99

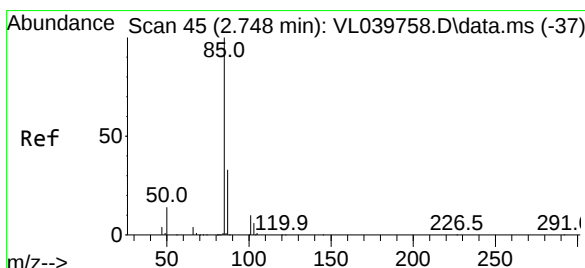
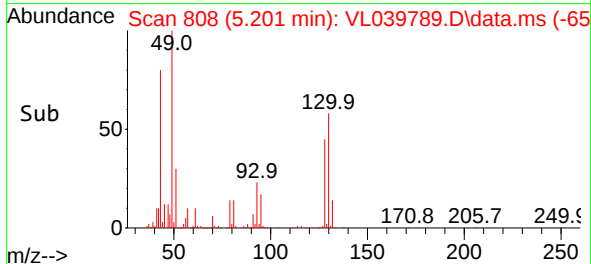
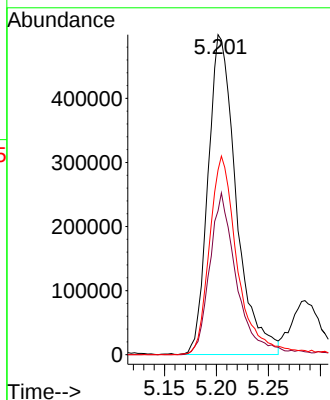
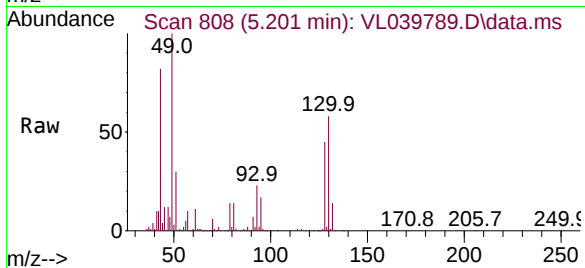
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

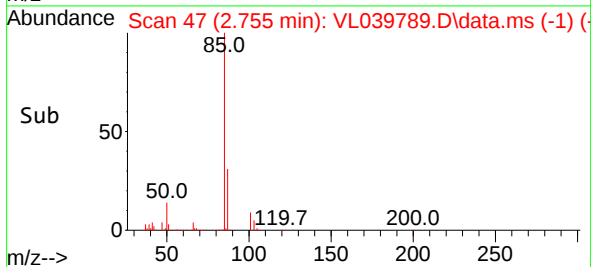
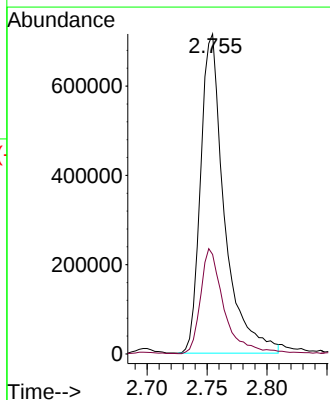
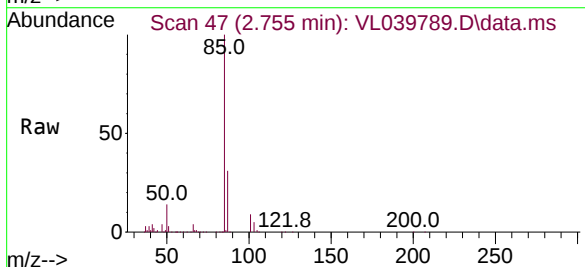
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

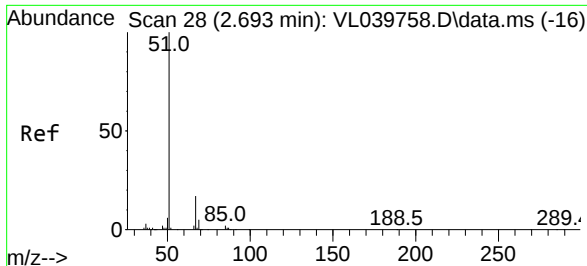
Tgt Ion: 49 Resp: 939800
Ion Ratio Lower Upper
49 100
128 49.7 24.6 74.0
130 63.2 31.8 95.3



#2
Dichlorodifluoromethane
Concen: 10.075 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 85 Resp: 991403
Ion Ratio Lower Upper
85 100
87 31.1 26.1 39.1

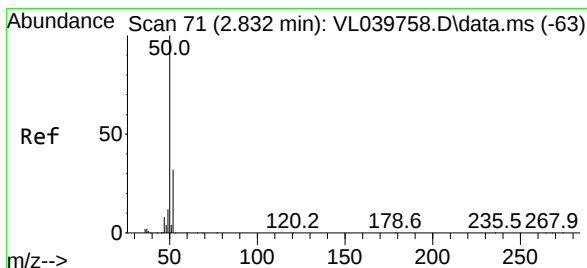
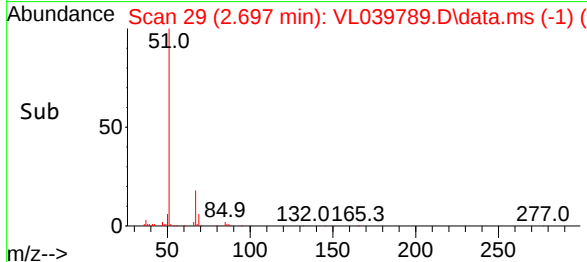
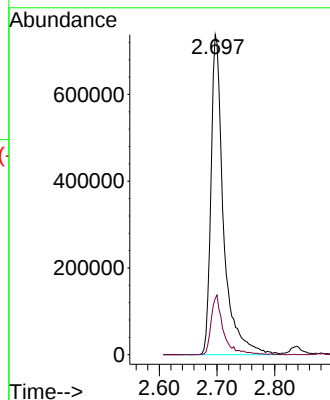
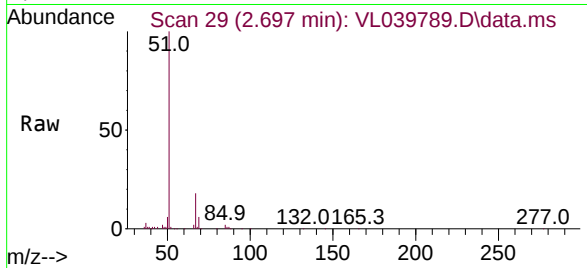




#3
Chlorodifluoromethane
Concen: 9.908 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

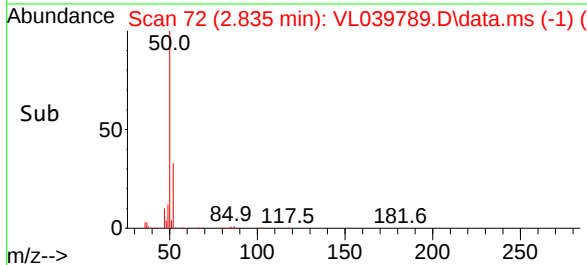
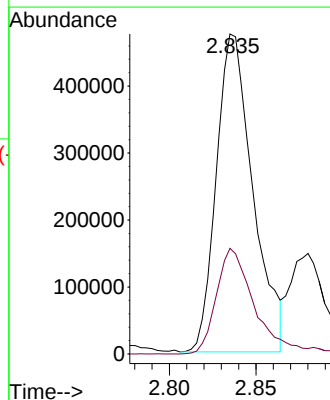
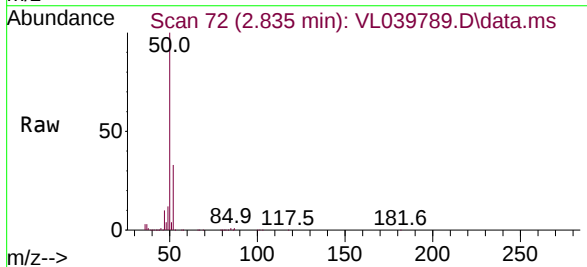
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ClientSampleId :
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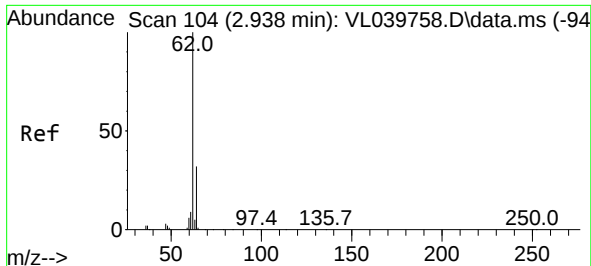
Tgt Ion: 51 Resp: 1118593
Ion Ratio Lower Upper
51 100
67 18.2 14.2 21.2



#4
Chloromethane
Concen: 9.879 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 50 Resp: 698184
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

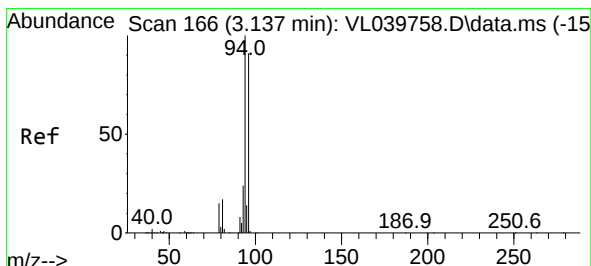
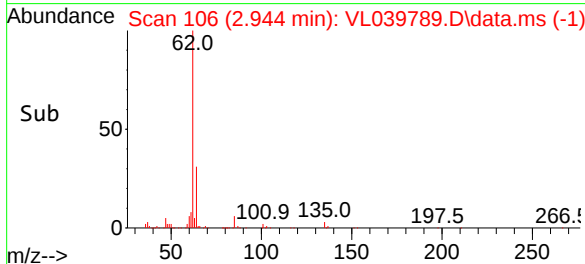
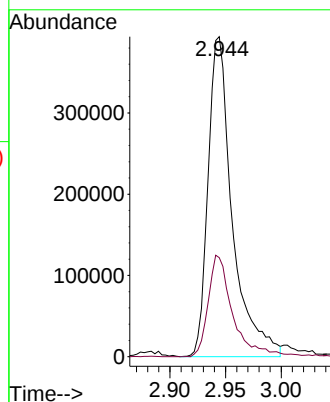
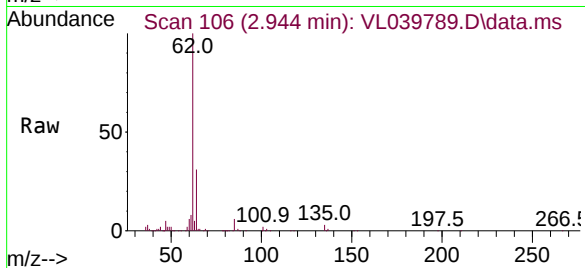




#5
 Vinyl Chloride
 Concen: 10.190 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

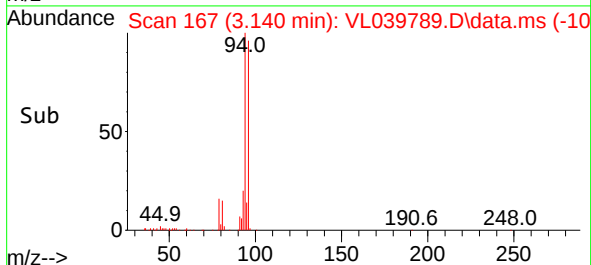
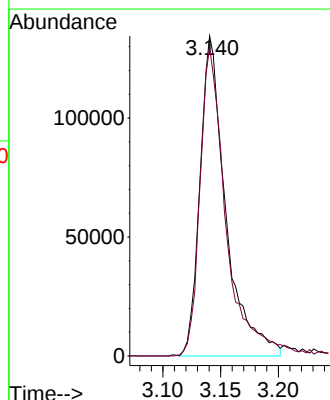
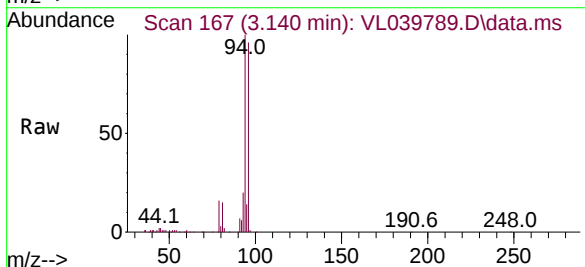
Instrument :
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 ClientSampleId :
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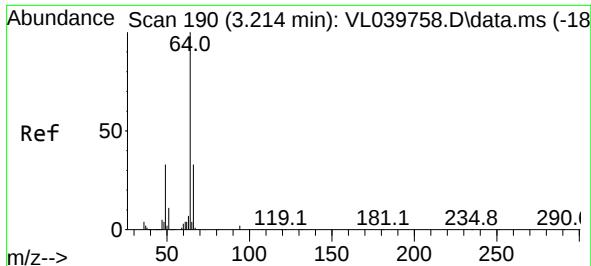
Tgt Ion: 62 Resp: 597329
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.0 39.0



#6
 Bromomethane
 Concen: 9.961 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion: 94 Resp: 209771
 Ion Ratio Lower Upper
 94 100
 96 96.0 73.0 109.6

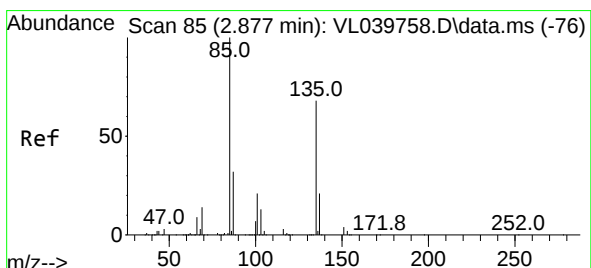
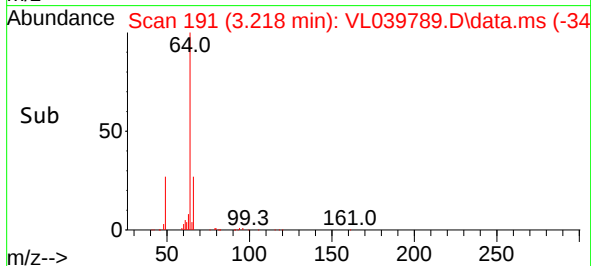
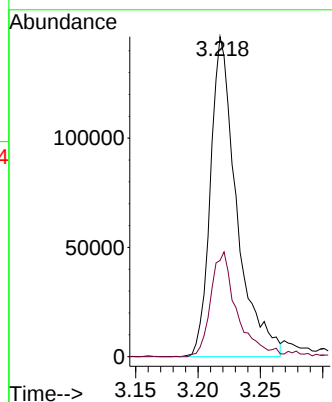
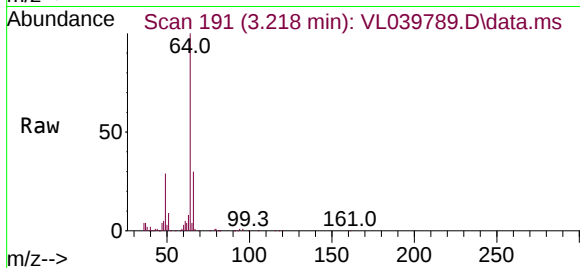




#7
Chloroethane
Concen: 10.196 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

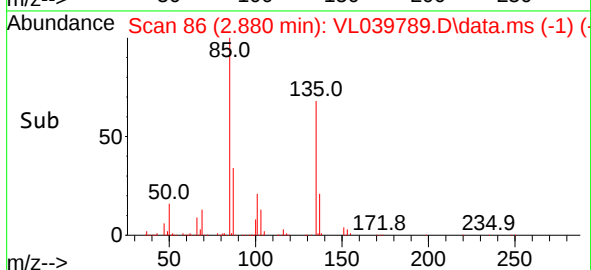
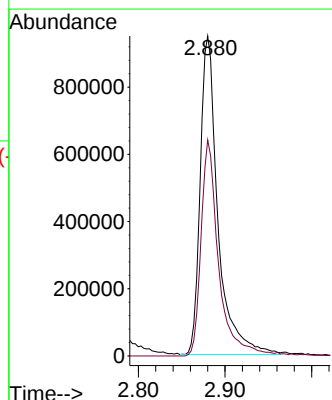
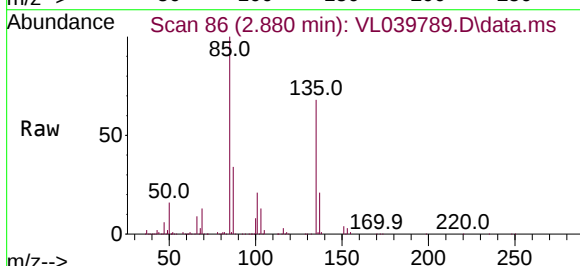
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ClientSampleId :
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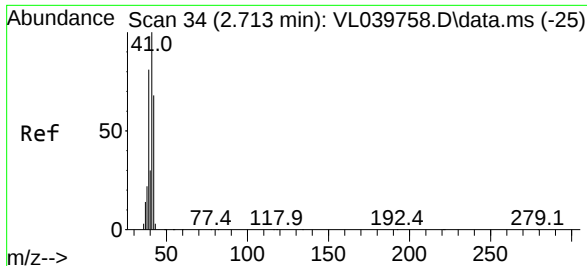
Tgt Ion: 64 Resp: 214630
Ion Ratio Lower Upper
64 100
66 30.1 26.3 39.5



#8
Dichlorotetrafluoroethane
Concen: 10.483 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 85 Resp: 1346693
Ion Ratio Lower Upper
85 100
135 68.2 55.8 83.6





#9

Propene

Concen: 10.609 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_1

ClientSampleId :

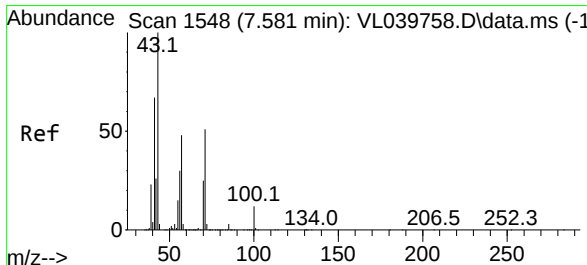
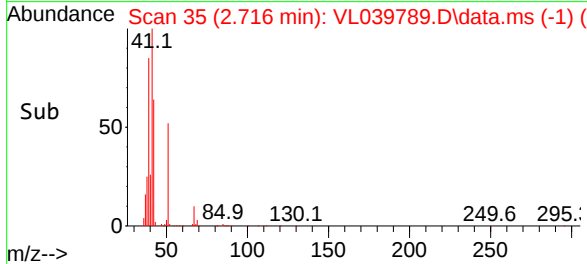
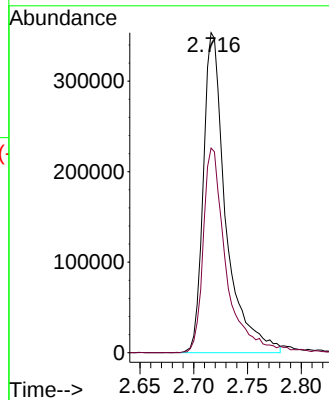
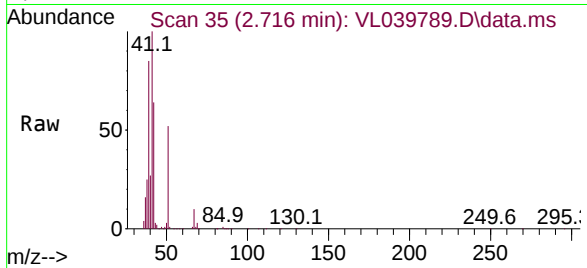
VL1025ABS01

Tgt Ion: 41 Resp: 514583

Ion Ratio Lower Upper

41 100

42 66.1 58.0 87.0



#10

Heptane

Concen: 11.115 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL039789.D

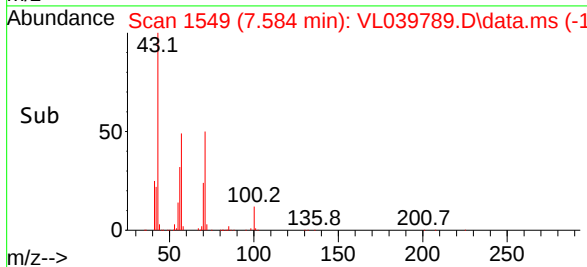
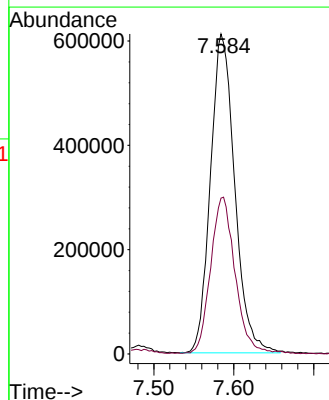
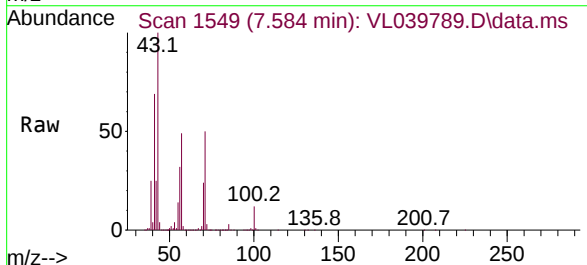
Acq: 25 Oct 2022 15:50

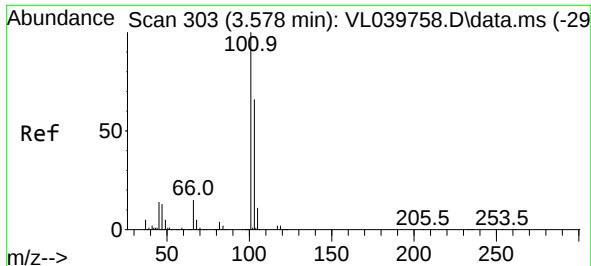
Tgt Ion: 43 Resp: 1290758

Ion Ratio Lower Upper

43 100

57 50.0 40.0 60.0

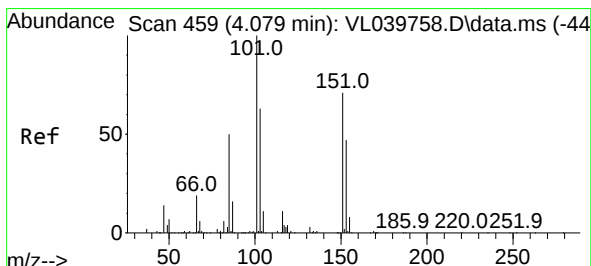
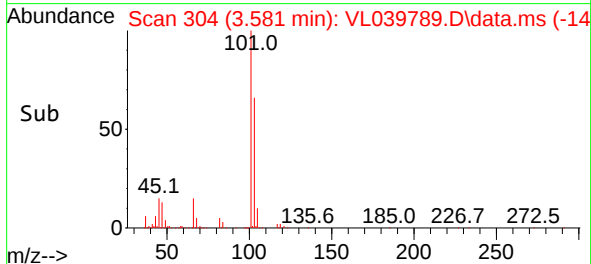
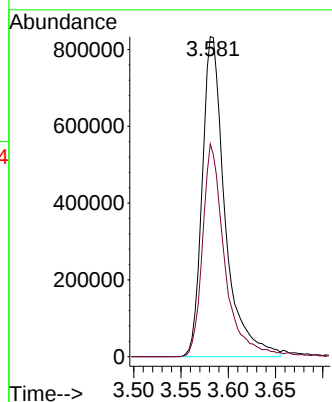
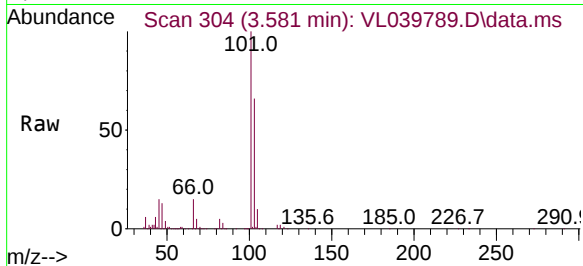




#11
 Trichlorofluoromethane
 Concen: 10.148 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

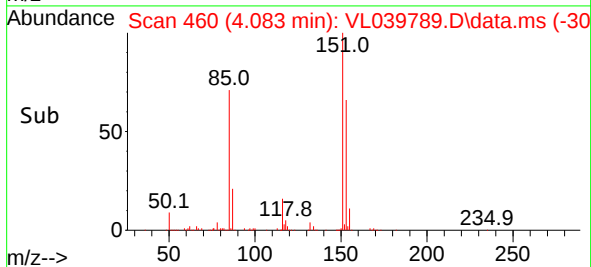
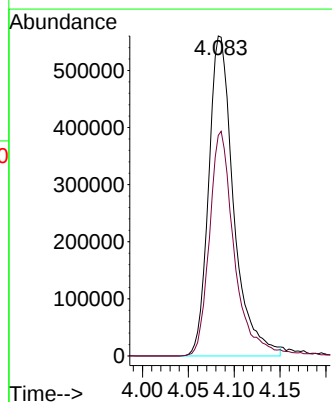
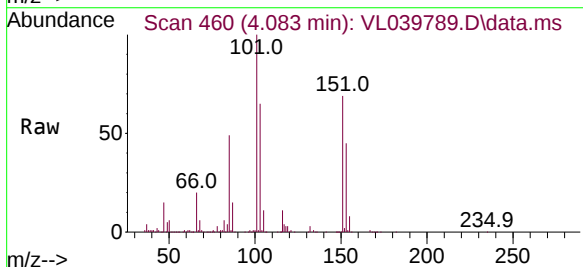
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

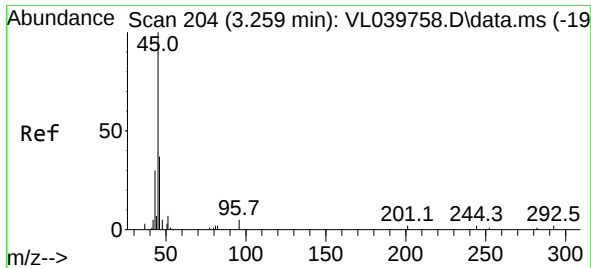
Tgt Ion:101 Resp: 1395203
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.978 ppbv
 RT: 4.083 min Scan# 460
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion:101 Resp: 1063862
 Ion Ratio Lower Upper
 101 100
 151 70.8 56.6 84.8

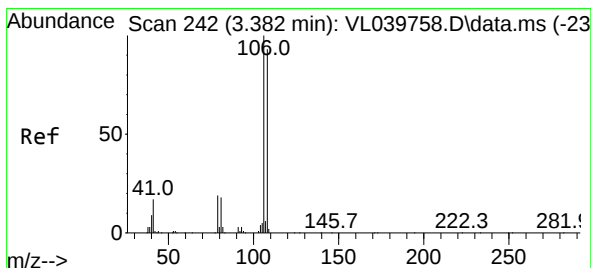
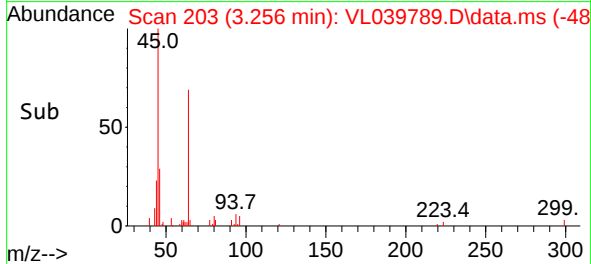
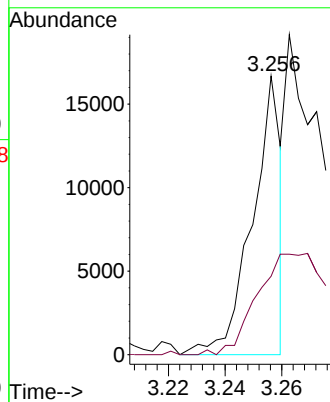
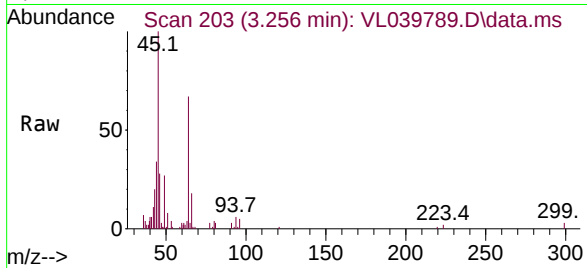




#13
Ethanol
Concen: 3.360 ppbv
RT: 3.256 min Scan# 204
Delta R.T. -0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

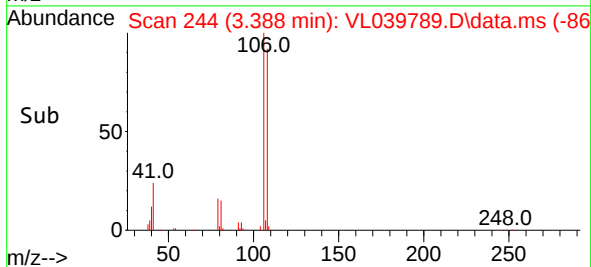
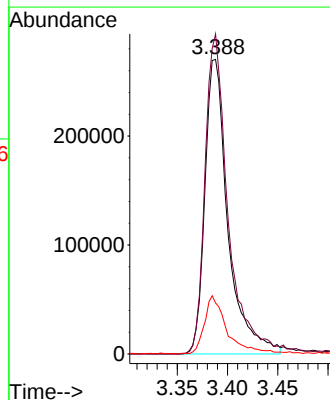
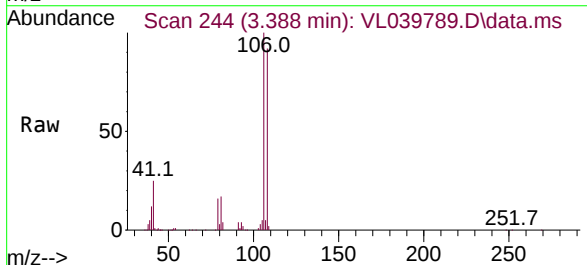
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

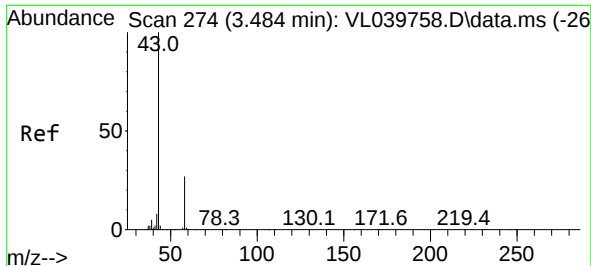
Tgt Ion: 45 Resp: 11704
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 10.228 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion:108 Resp: 432774
Ion Ratio Lower Upper
108 100
106 111.2 90.6 136.0
79 19.6 16.6 24.8

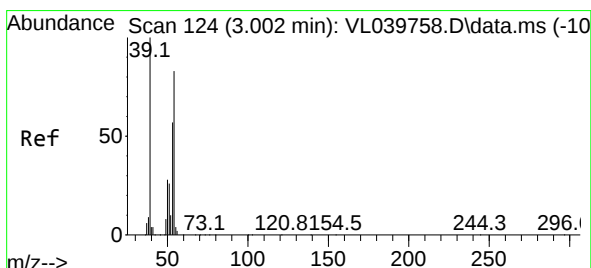
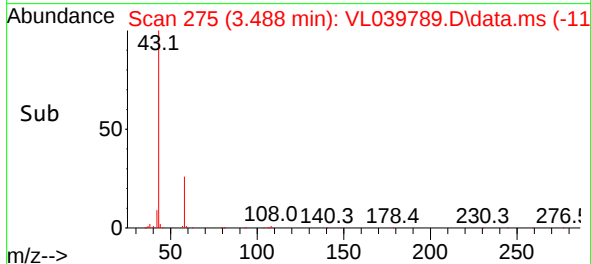
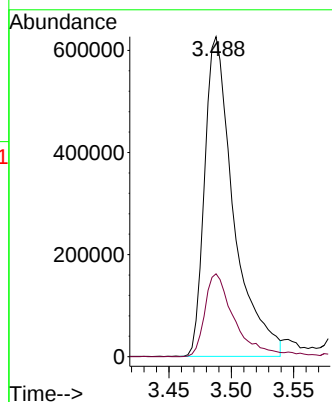
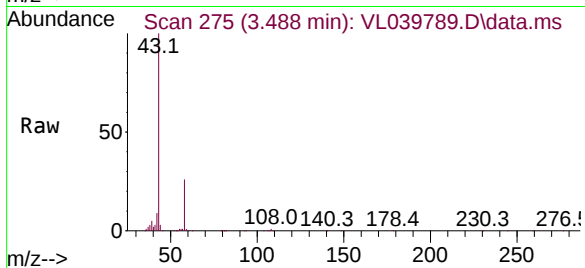




#15
Acetone
Concen: 9.041 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

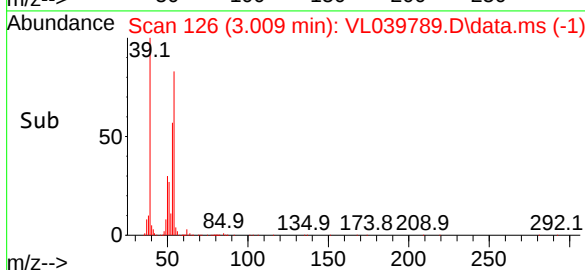
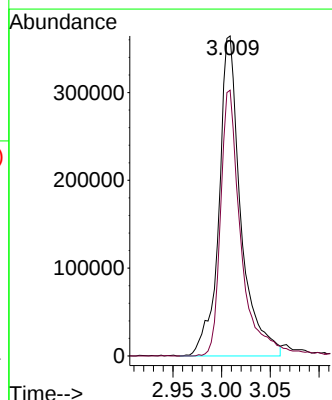
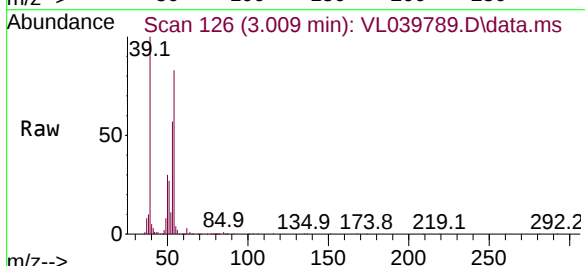
Instrument :
MSVOA_1
ClientSampleId :
VL1025ABS01

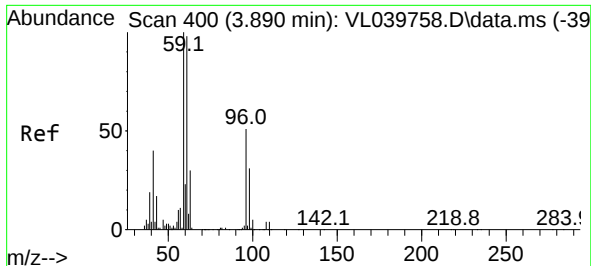
Tgt Ion: 43 Resp: 1014850
Ion Ratio Lower Upper
43 100
58 27.0 20.7 31.1



#16
1,3-Butadiene
Concen: 10.261 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 39 Resp: 569321
Ion Ratio Lower Upper
39 100
54 79.2 64.6 97.0





#17

tert-Butyl alcohol

Concen: 10.234 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_1

ClientSampleId :

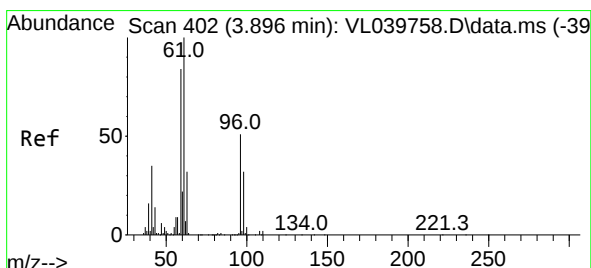
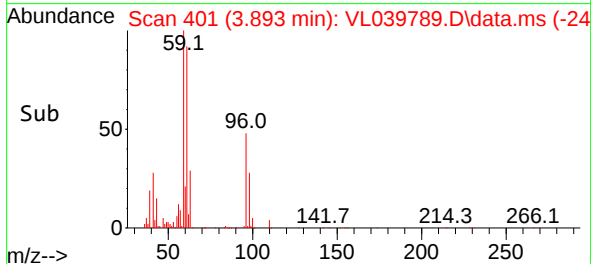
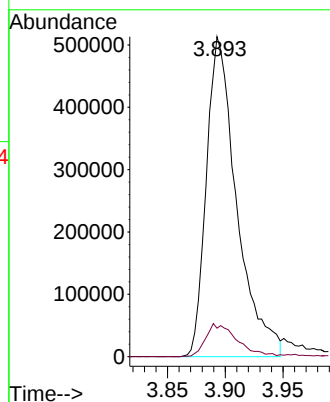
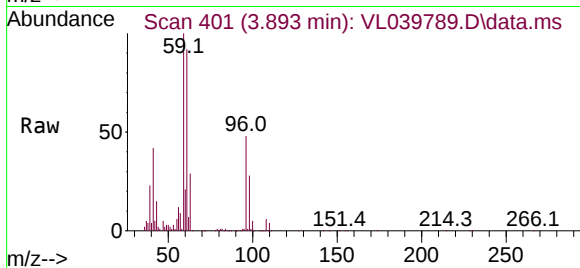
VL1025ABS01

Tgt Ion: 59 Resp: 936946

Ion Ratio Lower Upper

59 100

57 11.4 8.2 12.2



#18

1,1-Dichloroethene

Concen: 9.664 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

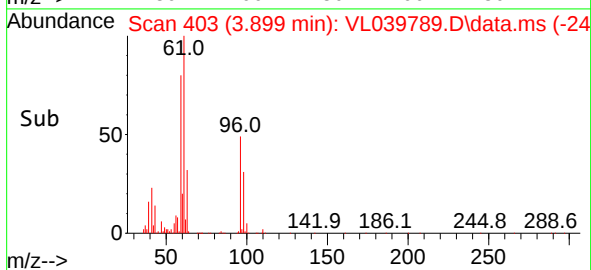
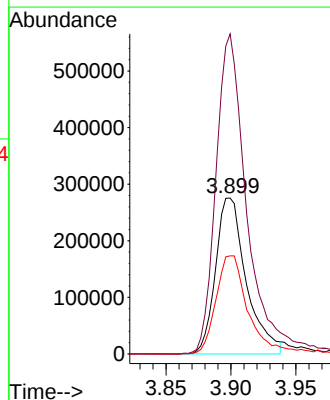
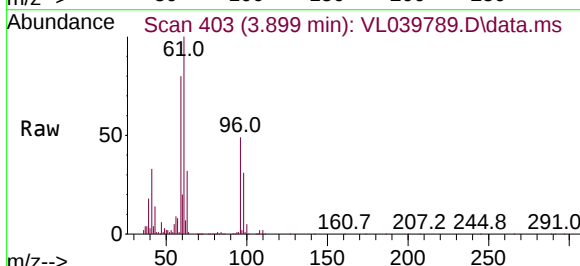
Tgt Ion: 96 Resp: 453412

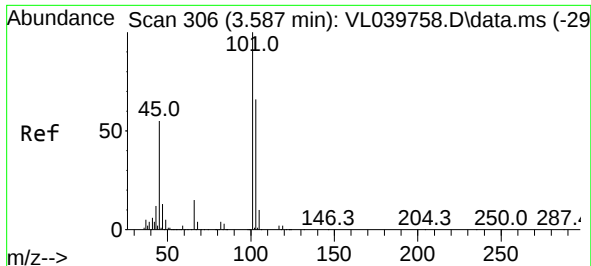
Ion Ratio Lower Upper

96 100

61 205.4 157.6 236.4

98 63.0 49.9 74.9

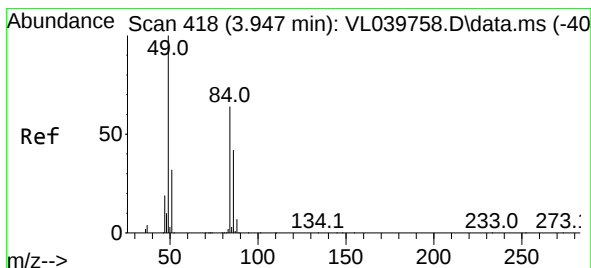
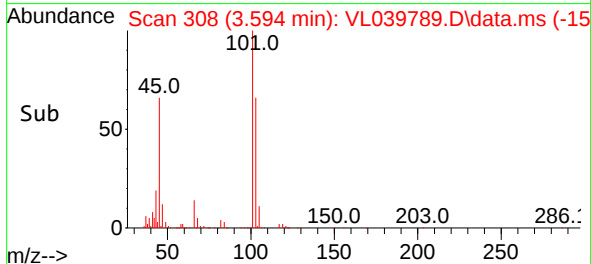
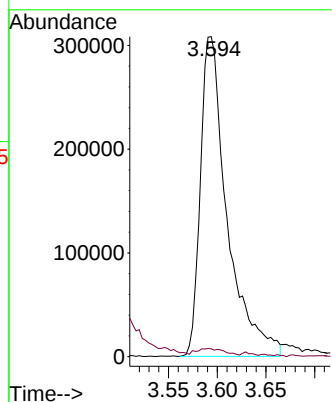
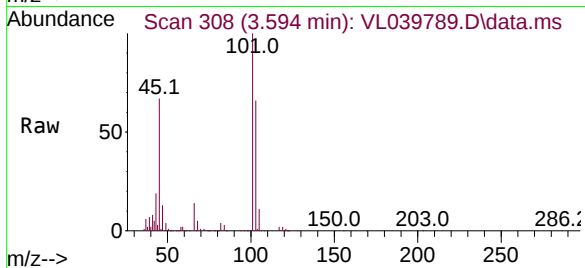




#19
Isopropyl Alcohol
Concen: 11.179 ppbv
RT: 3.594 min Scan# 306
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

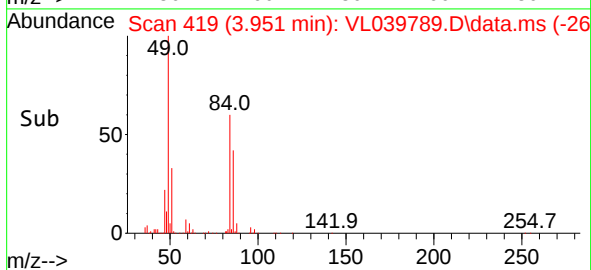
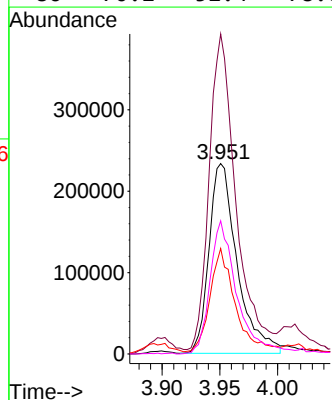
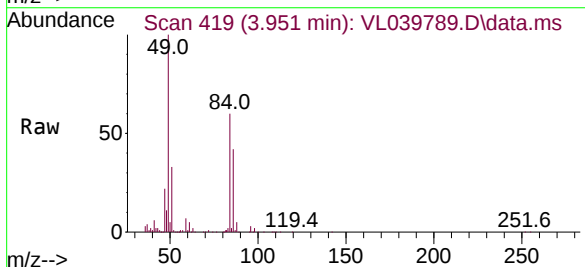
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

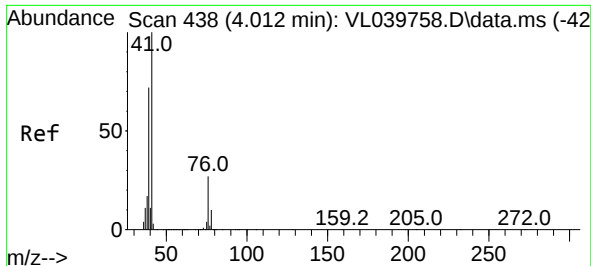
Tgt Ion: 45 Resp: 587933
Ion Ratio Lower Upper
45 100
58 2.7 2.8 4.2#



#20
Methylene Chloride
Concen: 9.267 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 84 Resp: 395761
Ion Ratio Lower Upper
84 100
49 165.5 126.0 189.0
51 53.7 40.9 61.3
86 70.2 52.4 78.6

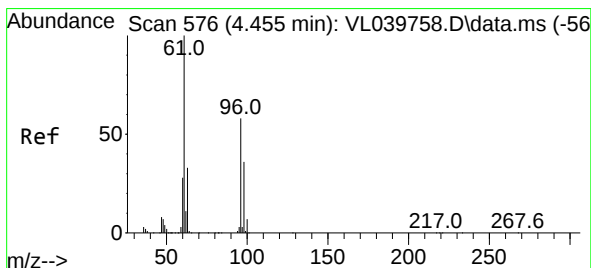
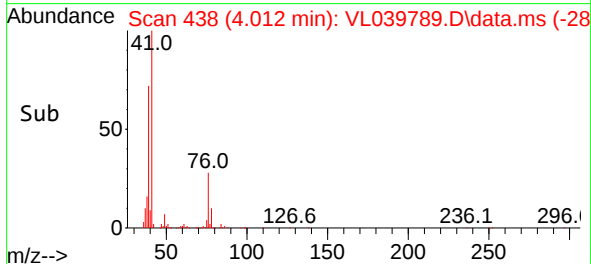
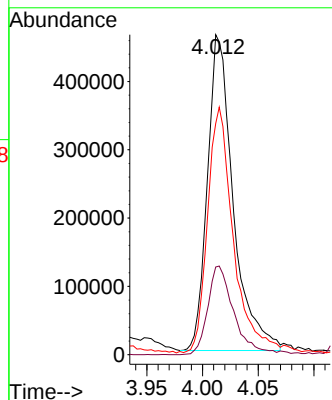
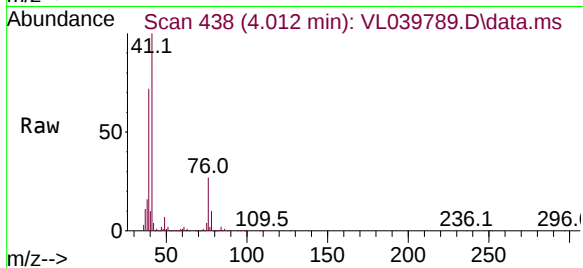




#21
 Allyl Chloride
 Concen: 10.258 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

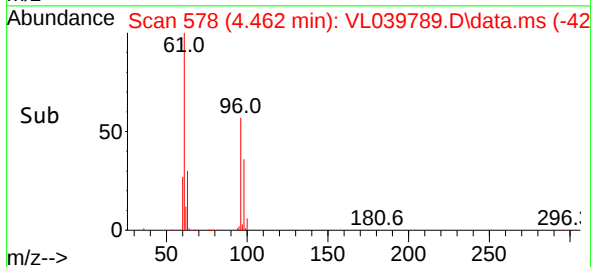
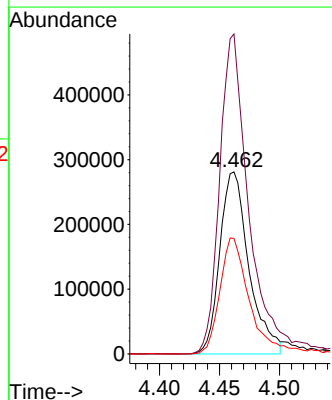
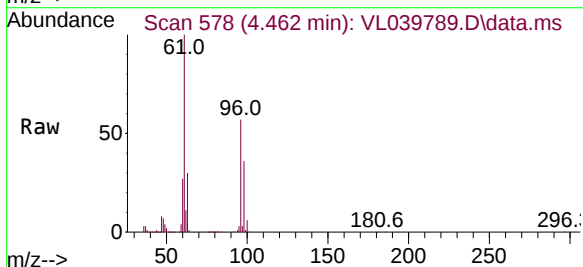
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

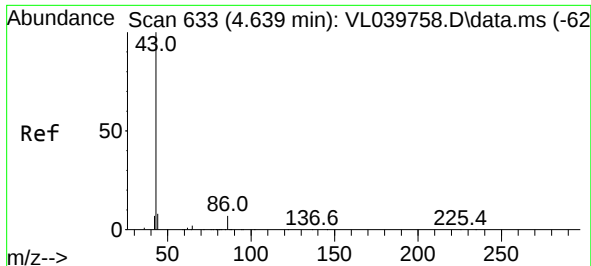
Tgt Ion:	41	Resp:	745304
Ion	Ratio	Lower	Upper
41	100		
76	28.8	23.5	35.3
39	81.2	64.9	97.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.745 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion:	96	Resp:	474963
Ion	Ratio	Lower	Upper
96	100		
61	175.8	137.1	205.7
98	63.5	49.8	74.6



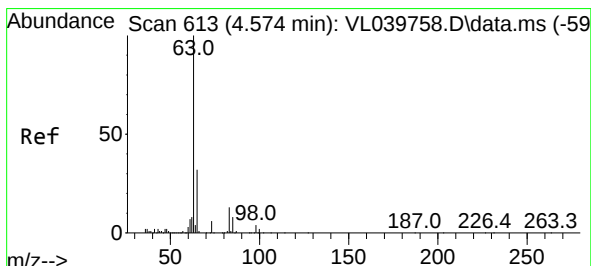
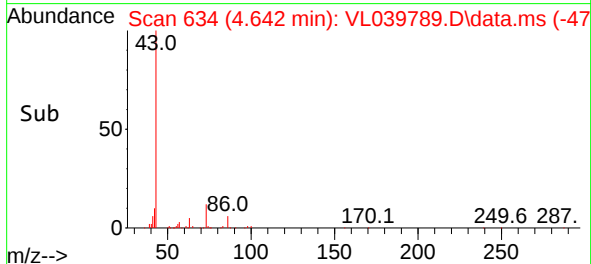
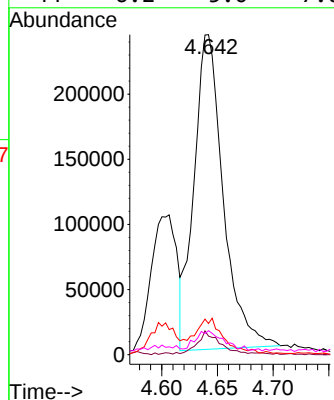
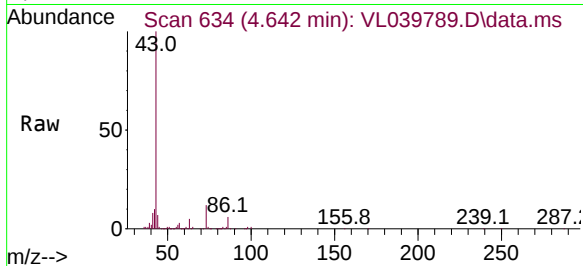


#23
 Vinyl Acetate
 Concen: 10.202 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1025ABS01

Tgt Ion: 43 Resp: 441449

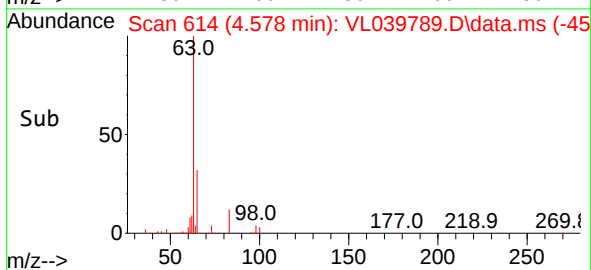
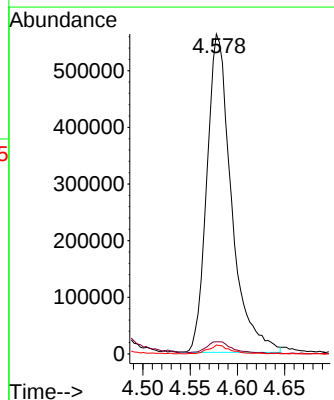
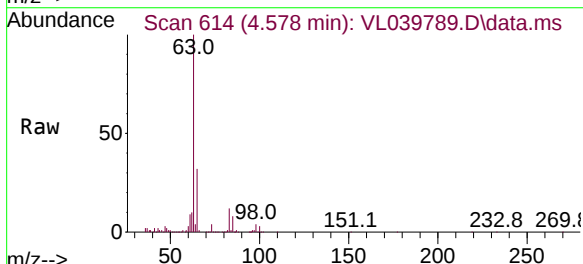
Ion	Ratio	Lower	Upper
43	100		
86	5.9	4.9	7.3
42	9.5	7.2	10.8
44	6.2	5.0	7.6

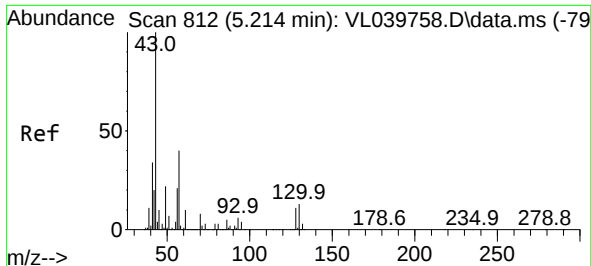


#24
 1,1-Dichloroethane
 Concen: 10.061 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion: 63 Resp: 1013829

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.1	6.3
100	2.8	1.1	3.5



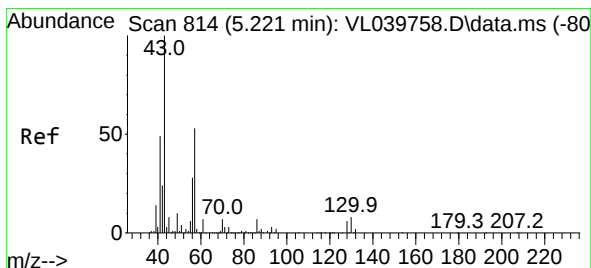
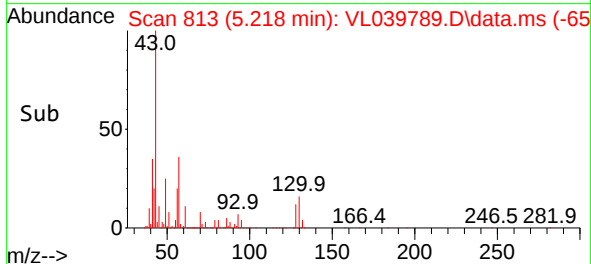
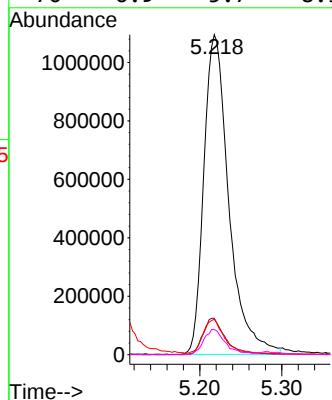
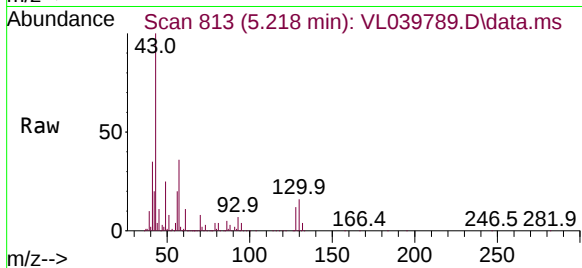


#25
Ethyl Acetate
Concen: 10.571 ppbv
RT: 5.218 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Tgt Ion: 43 Resp: 2319905

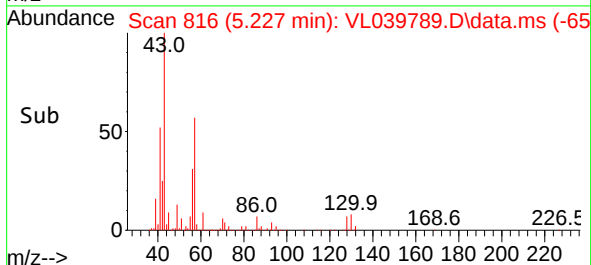
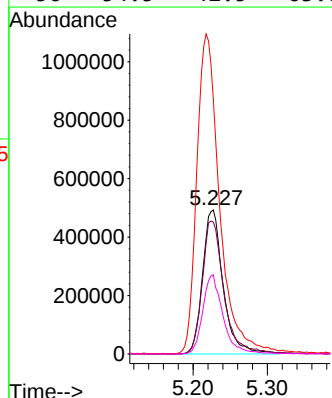
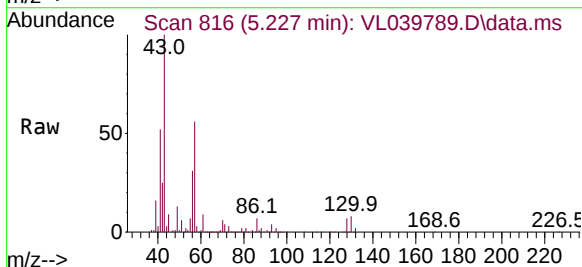
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.4	8.2	12.4
70	6.9	5.7	8.5

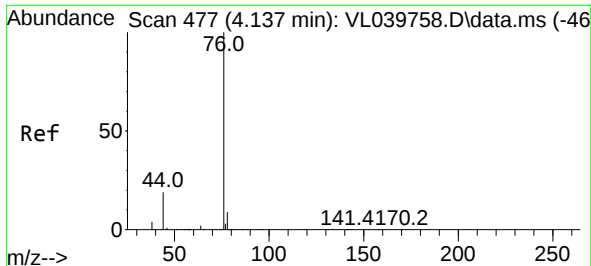


#26
Hexane
Concen: 10.386 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 57 Resp: 947782

Ion	Ratio	Lower	Upper
57	100		
41	97.9	76.1	114.1
43	248.2	197.1	295.7
56	54.5	42.5	63.7

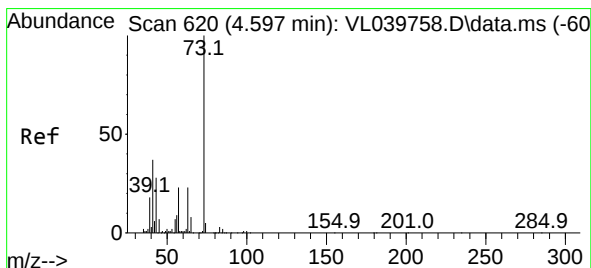
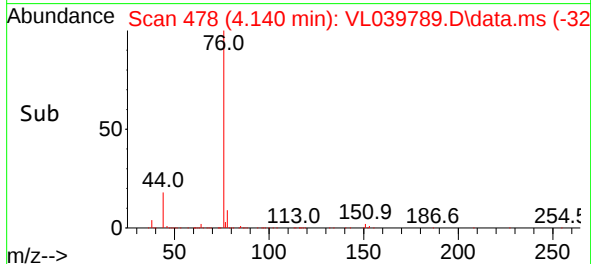
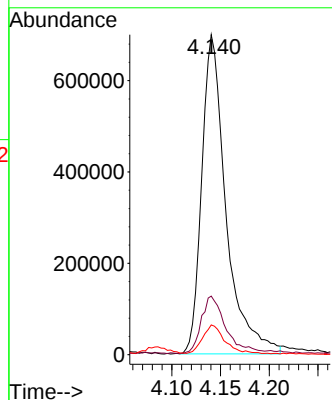
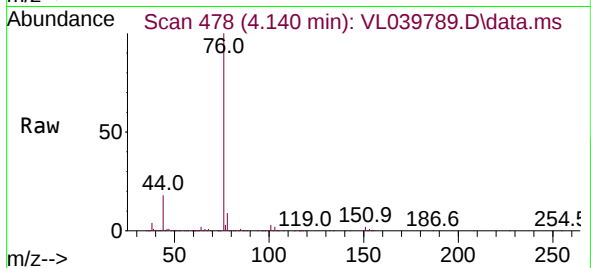




#27
Carbon Disulfide
Concen: 11.177 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

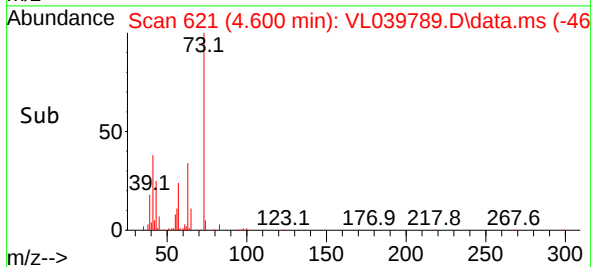
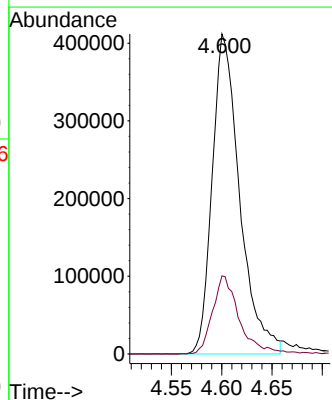
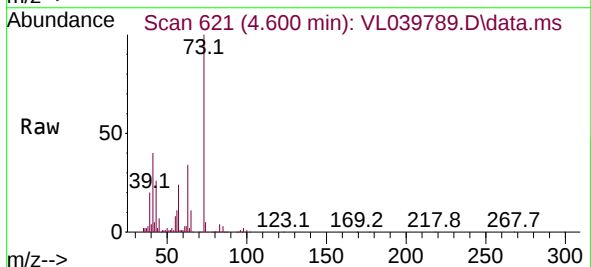
Instrument :
MSVOA_1
ClientSampleId :
VL1025ABS01

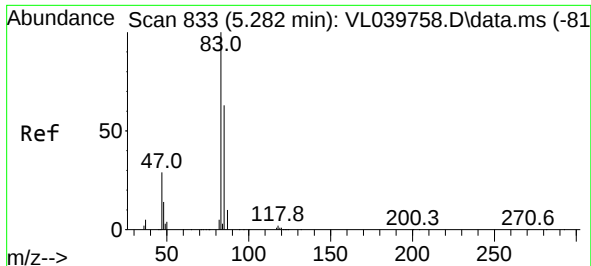
Tgt Ion: 76 Resp: 1210721
Ion Ratio Lower Upper
76 100
44 18.6 16.6 25.0
78 9.1 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 9.860 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 73 Resp: 782790
Ion Ratio Lower Upper
73 100
57 24.1 19.1 28.7





#29

Chloroform

Concen: 9.878 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

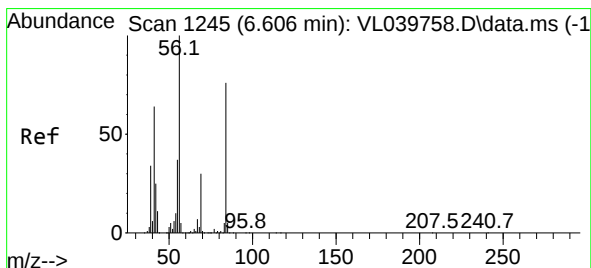
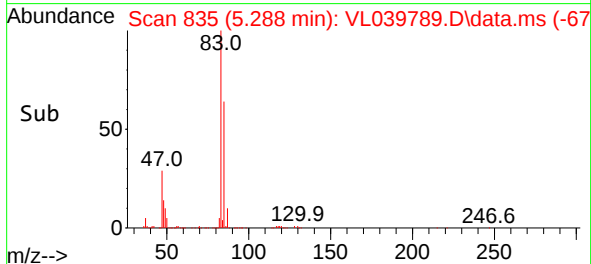
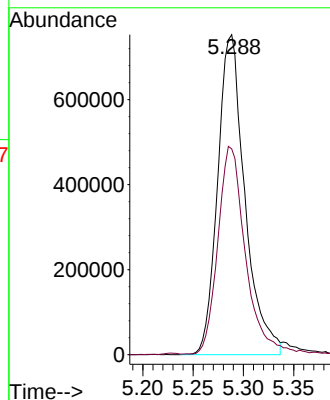
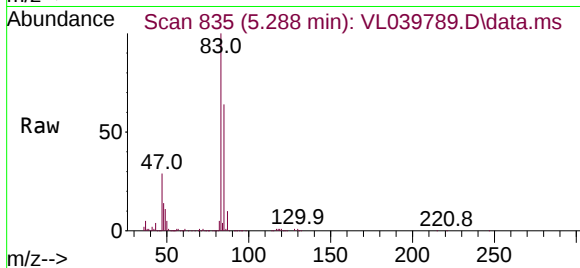
VL1025ABS01

Tgt Ion: 83 Resp: 1417131

Ion Ratio Lower Upper

83 100

85 64.1 50.4 75.6



#30

Cyclohexane

Concen: 10.493 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

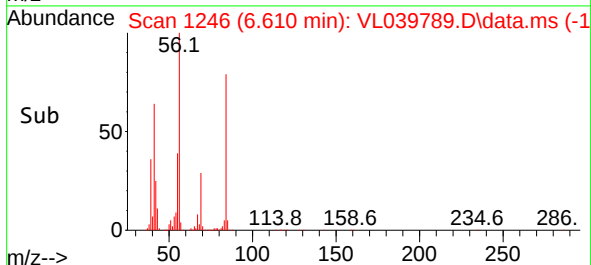
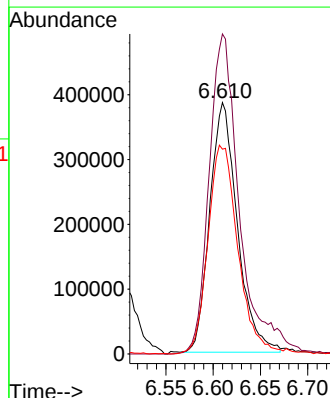
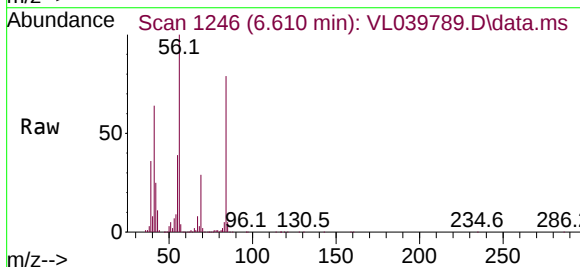
Tgt Ion: 84 Resp: 784584

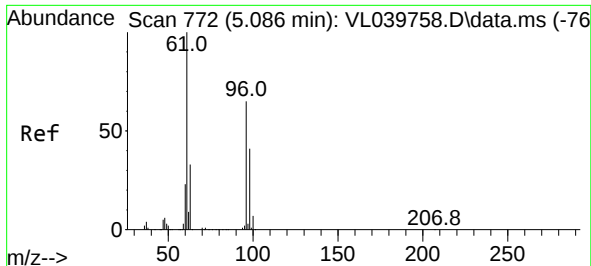
Ion Ratio Lower Upper

84 100

56 141.8 111.8 167.6

41 91.4 71.5 107.3

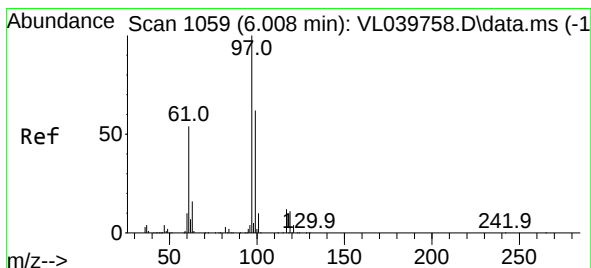
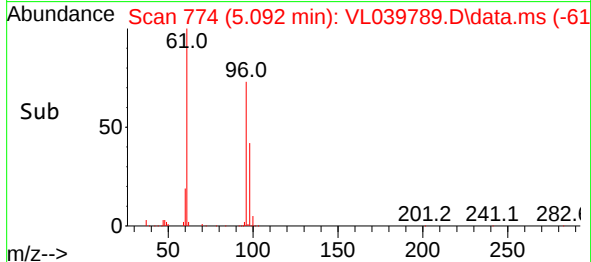
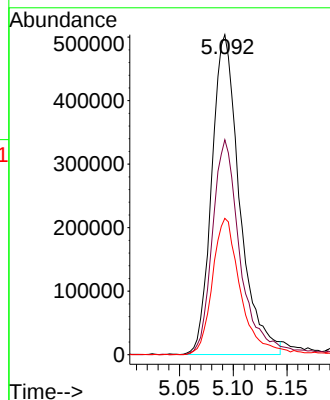
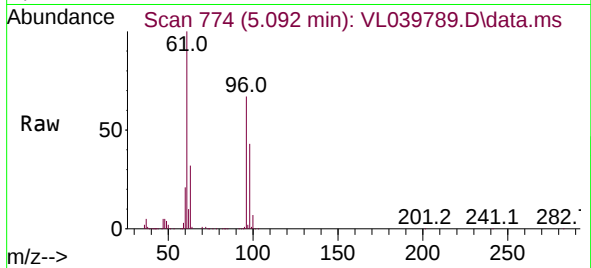




#31
 cis-1,2-Dichloroethene
 Concen: 10.308 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

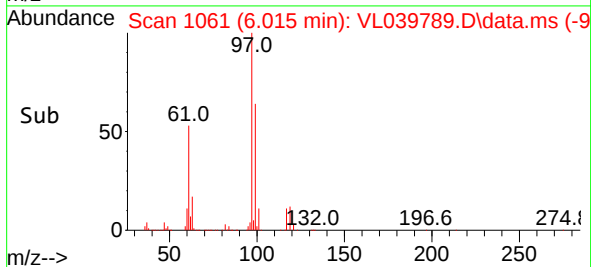
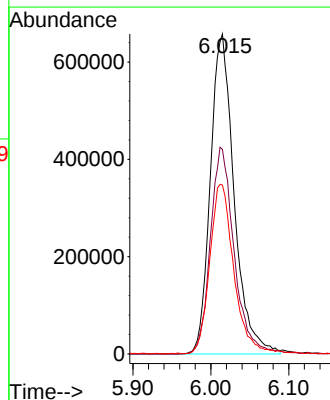
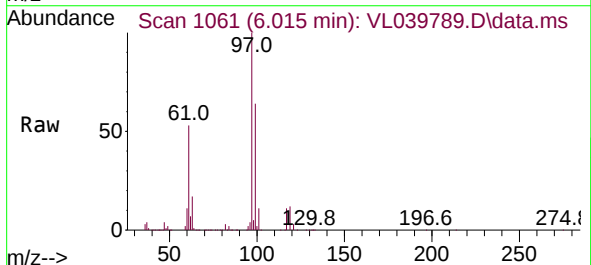
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1025ABS01

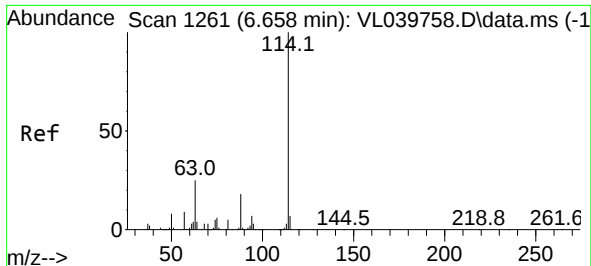
Tgt Ion: 61 Resp: 907970
 Ion Ratio Lower Upper
 61 100
 96 67.2 52.2 78.2
 98 42.6 32.9 49.3



#32
 1,1,1-Trichloroethane
 Concen: 10.709 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion: 97 Resp: 1394334
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.4
 61 54.1 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

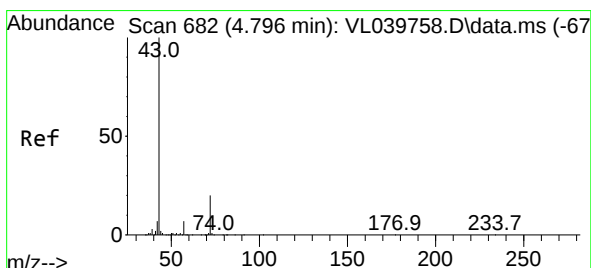
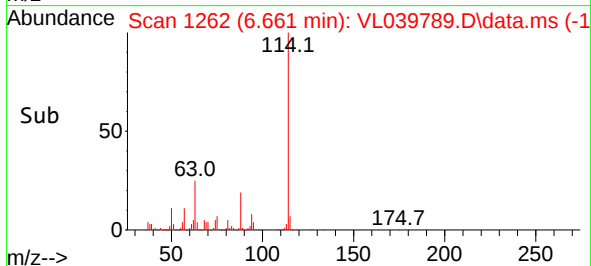
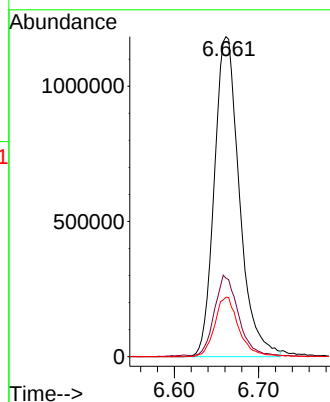
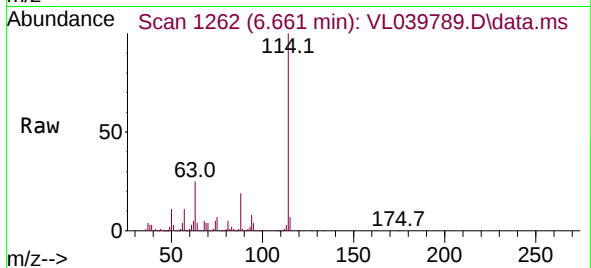
Tgt Ion:114 Resp: 2446831

Ion Ratio Lower Upper

114 100

63 25.4 20.1 30.1

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 10.494 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL039789.D

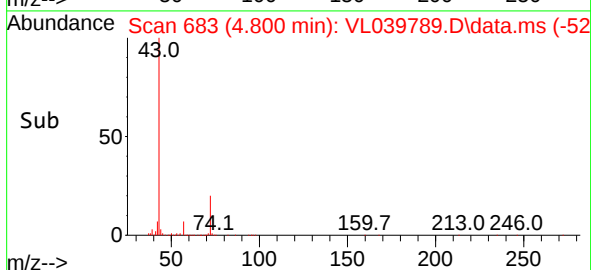
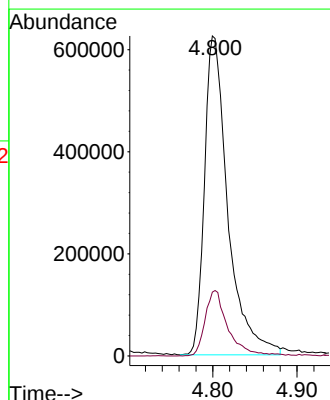
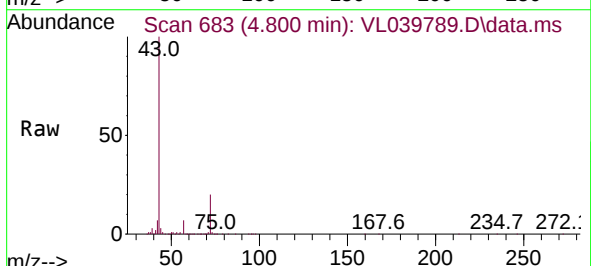
Acq: 25 Oct 2022 15:50

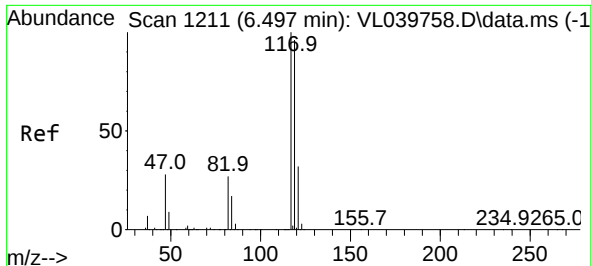
Tgt Ion: 43 Resp: 1207941

Ion Ratio Lower Upper

43 100

72 20.5 16.5 24.7

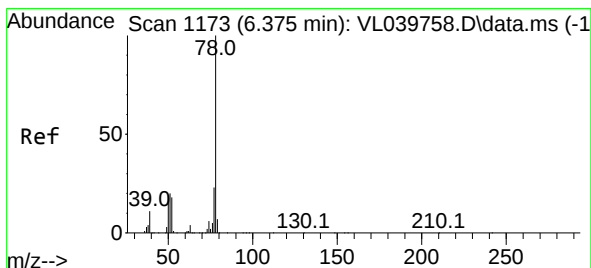
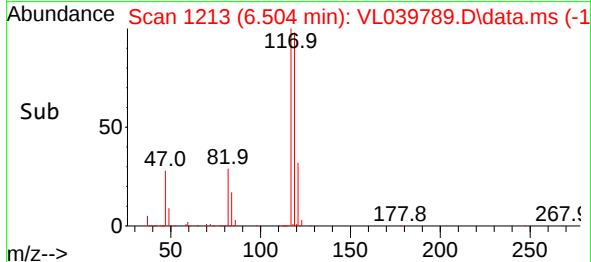
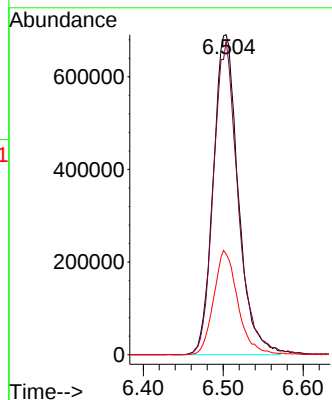
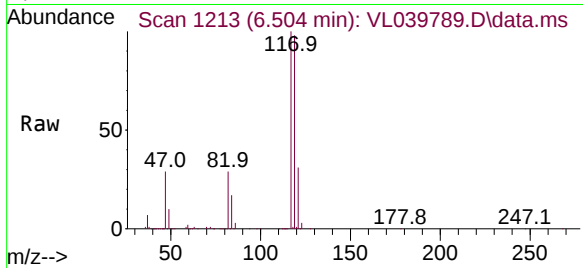




#35
Carbon Tetrachloride
Concen: 10.757 ppbv
RT: 6.504 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

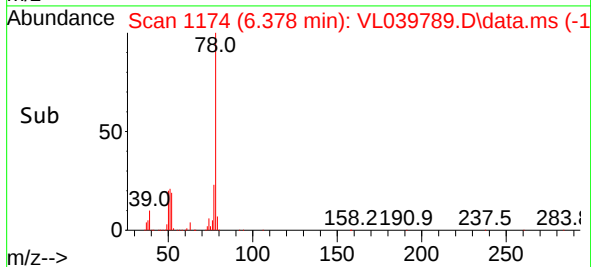
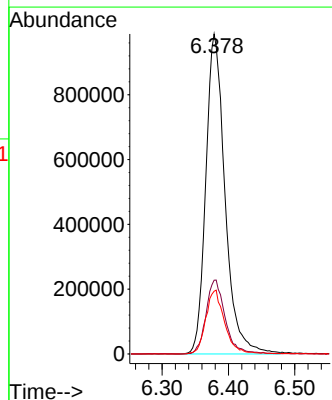
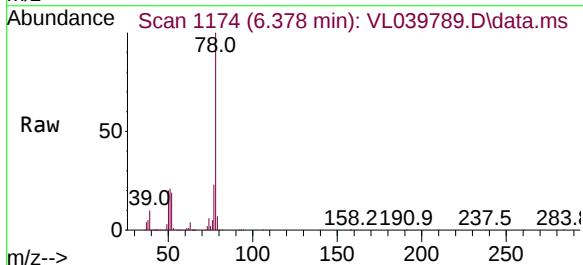
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

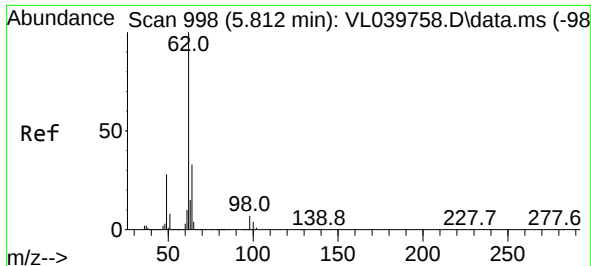
Tgt Ion:117 Resp: 1500588
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0
121 31.4 25.3 37.9



#36
Benzene
Concen: 10.552 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 78 Resp: 1988366
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5
50 19.6 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.458 ppbv

RT: 5.819 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

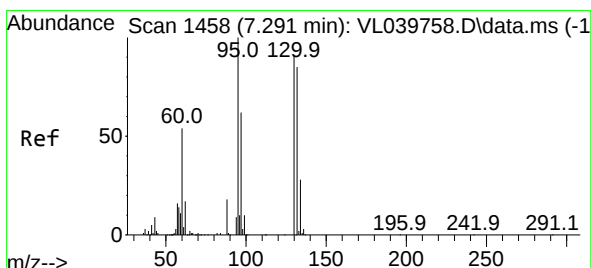
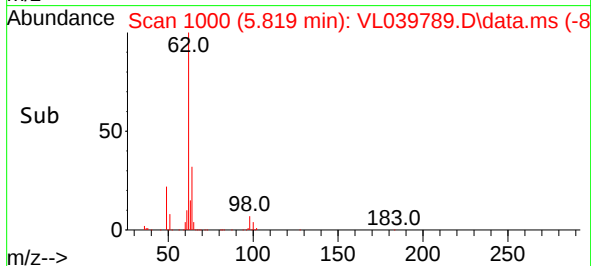
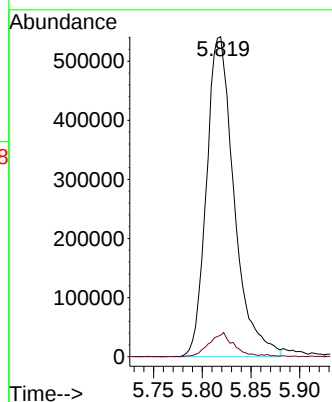
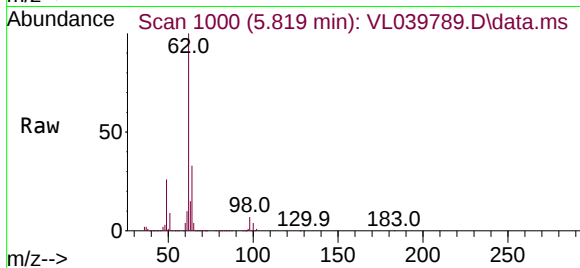
VL1025ABS01

Tgt Ion: 62 Resp: 1070288

Ion Ratio Lower Upper

62 100

98 7.0 5.2 7.8



#38

Trichloroethene

Concen: 11.006 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Tgt Ion:130 Resp: 1170752

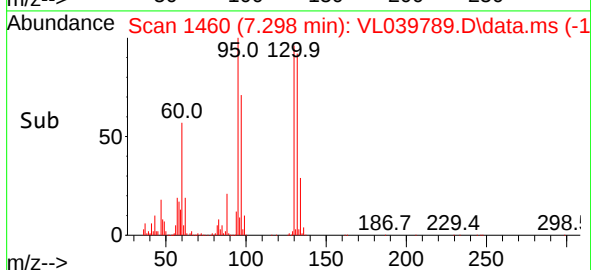
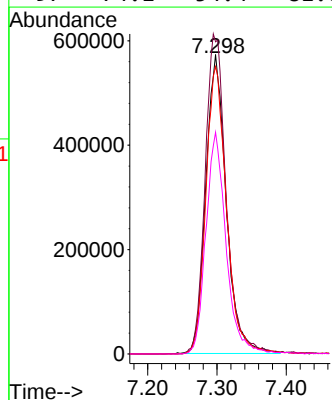
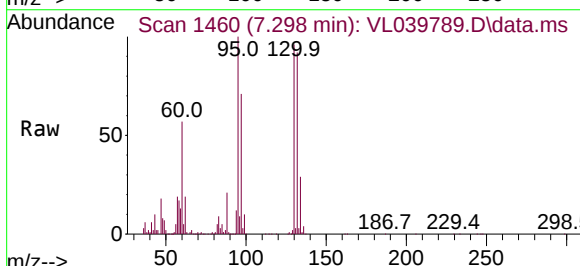
Ion Ratio Lower Upper

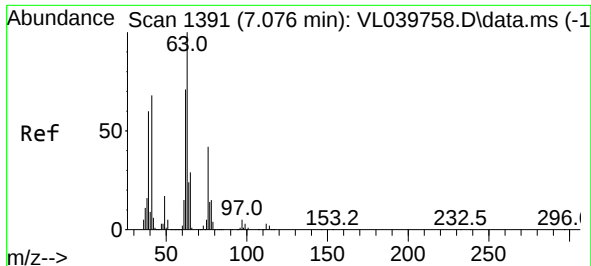
130 100

95 104.5 88.1 132.1

132 96.0 75.2 112.8

97 74.1 54.4 81.6





#39

1,2-Dichloropropane

Concen: 10.469 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

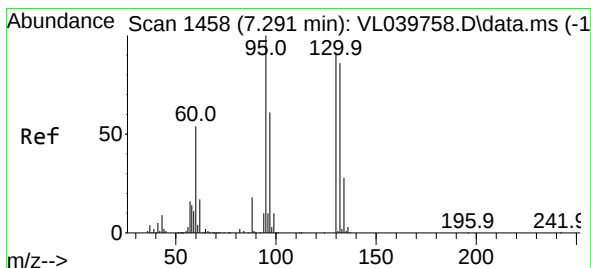
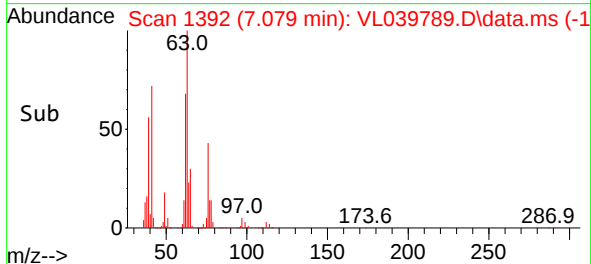
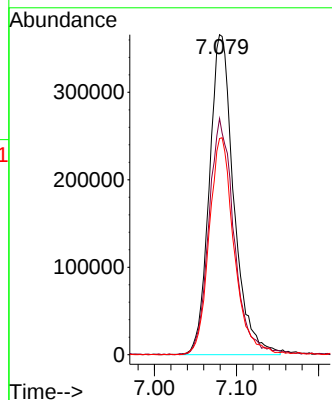
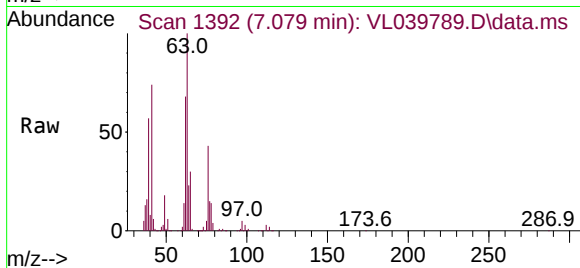
Tgt Ion: 63 Resp: 759971

Ion Ratio Lower Upper

63 100

41 73.5 54.5 81.7

62 67.5 56.6 85.0



#40

1,4-Dioxane

Concen: 12.506 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Tgt Ion: 88 Resp: 309445

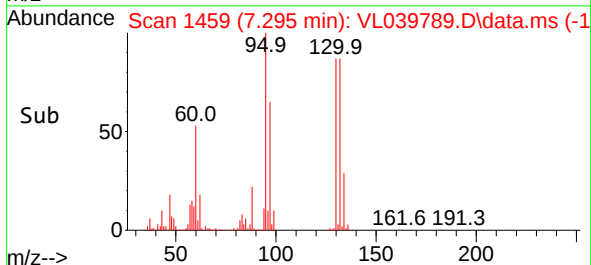
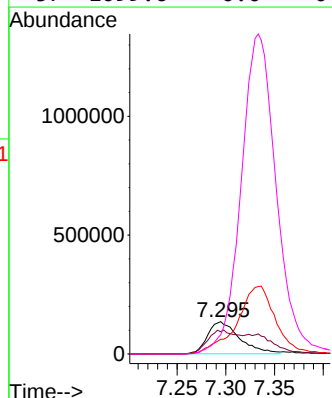
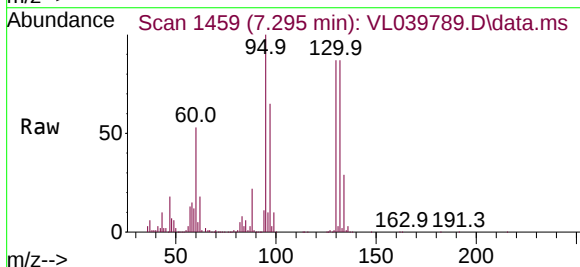
Ion Ratio Lower Upper

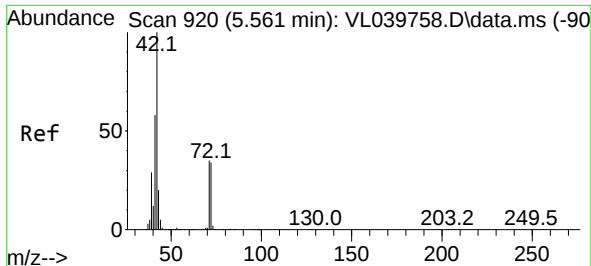
88 100

58 126.6 0.0 0.0#

43 256.0 0.0 0.0#

57 1099.6 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.186 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

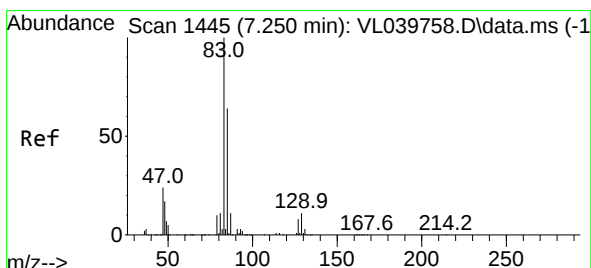
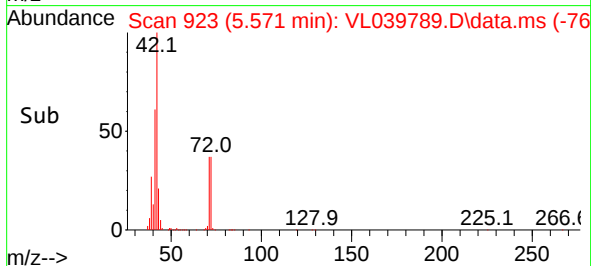
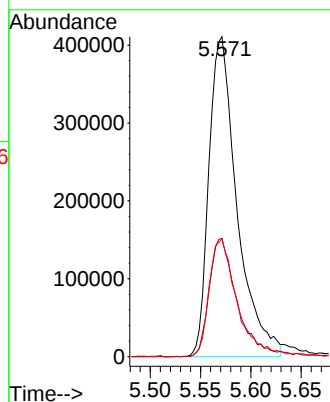
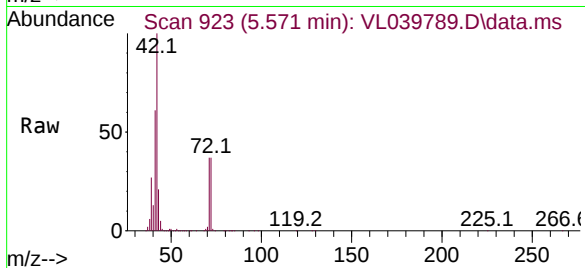
Tgt Ion: 42 Resp: 800006

Ion Ratio Lower Upper

42 100

72 37.2 29.9 44.9

71 37.7 29.2 43.8



#42

Bromodichloromethane

Concen: 10.746 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

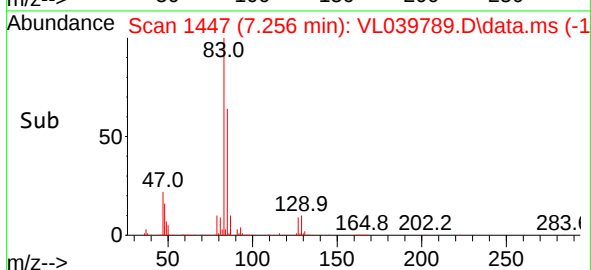
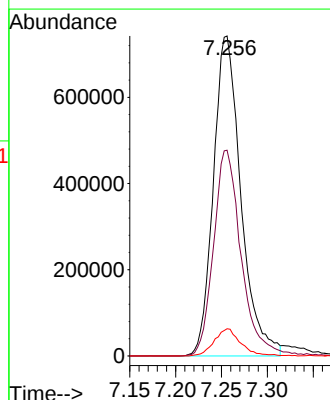
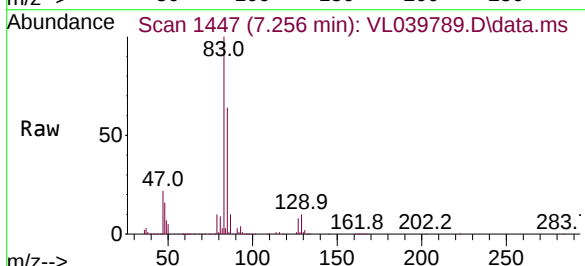
Tgt Ion: 83 Resp: 1548687

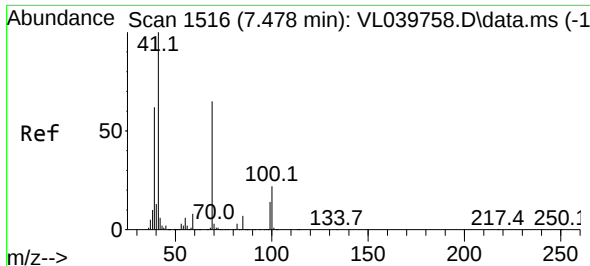
Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

127 8.5 6.1 9.1

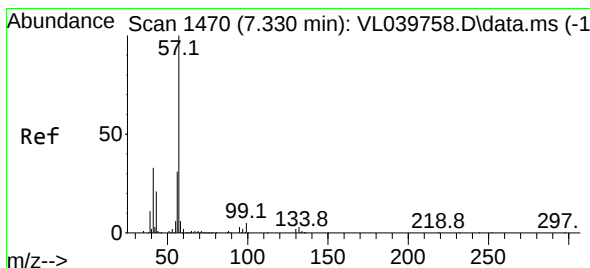
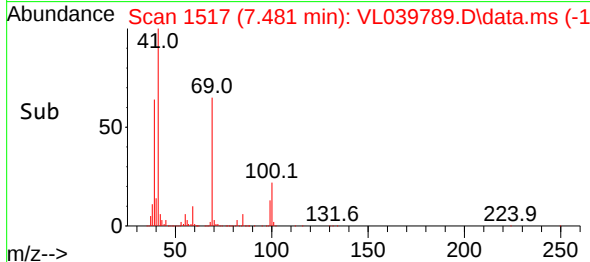
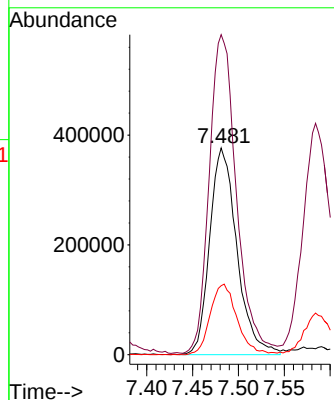
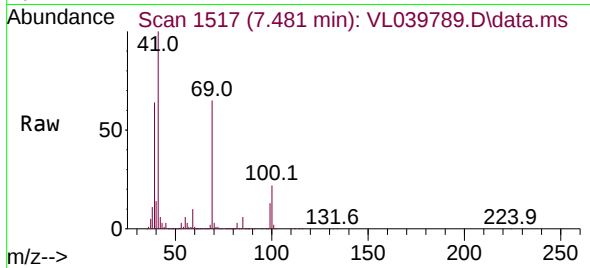




#43
Methyl Methacrylate
Concen: 11.858 ppbv
RT: 7.481 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

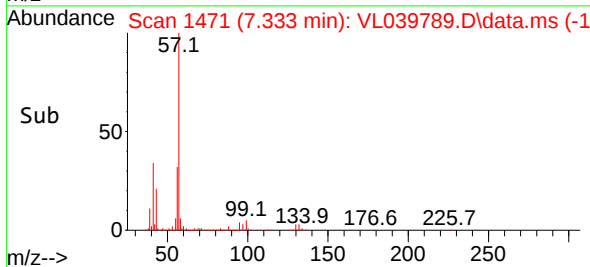
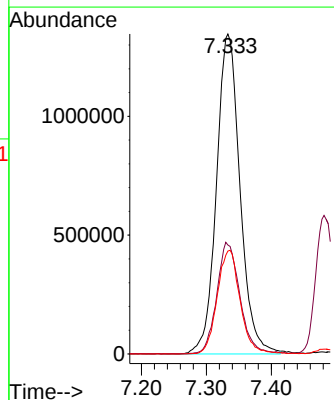
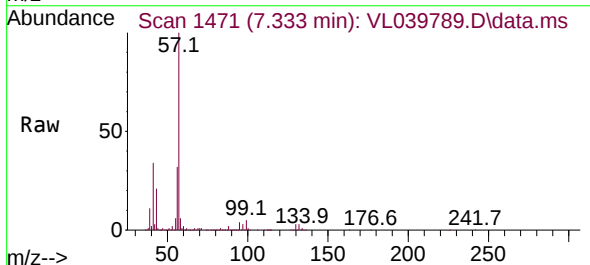
Instrument :
MSVOA_1
ClientSampleId :
VL1025ABS01

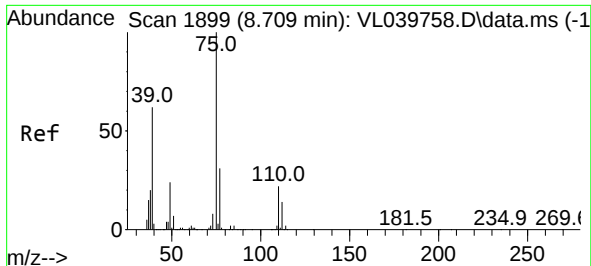
Tgt Ion: 69 Resp: 778100
Ion Ratio Lower Upper
69 100
41 155.0 121.8 182.6
100 33.7 27.3 40.9



#44
2,2,4-Trimethylpentane
Concen: 10.753 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 57 Resp: 3387617
Ion Ratio Lower Upper
57 100
41 34.2 26.6 40.0
56 31.6 25.4 38.0

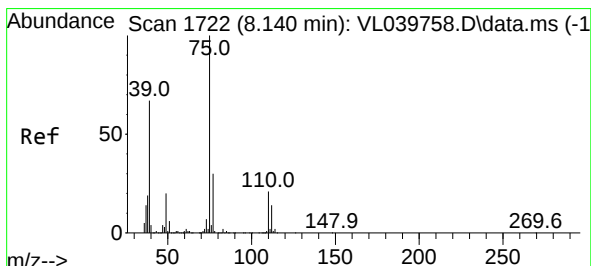
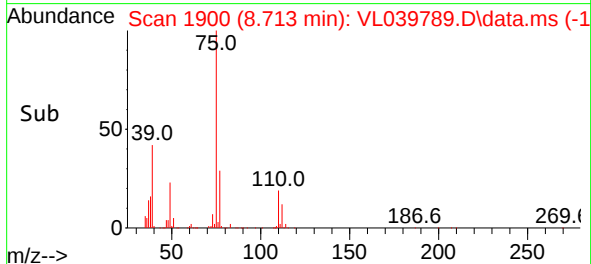
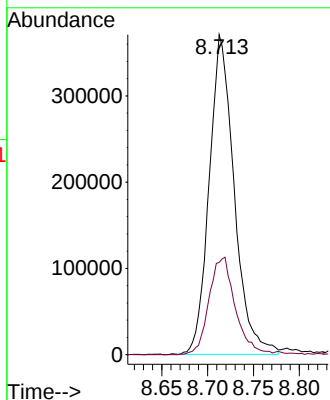
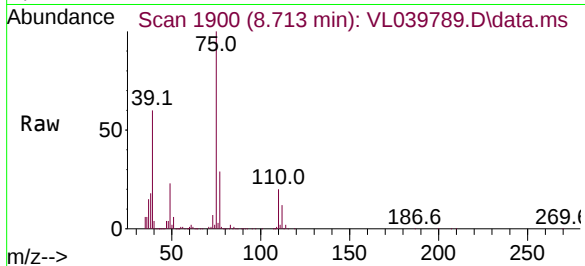




#45
 t-1,3-Dichloropropene
 Concen: 12.606 ppbv
 RT: 8.713 min Scan# 1900
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

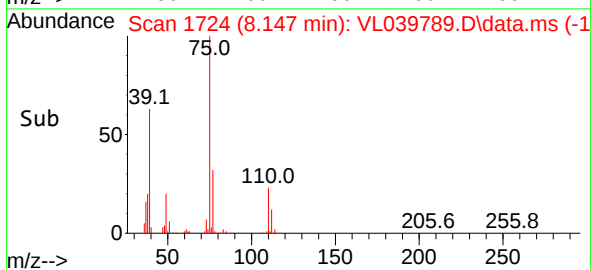
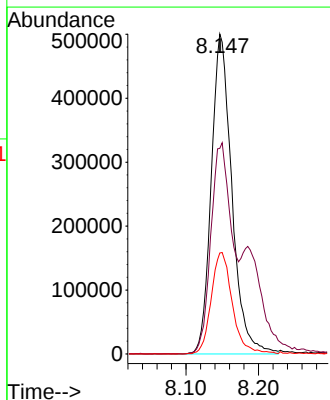
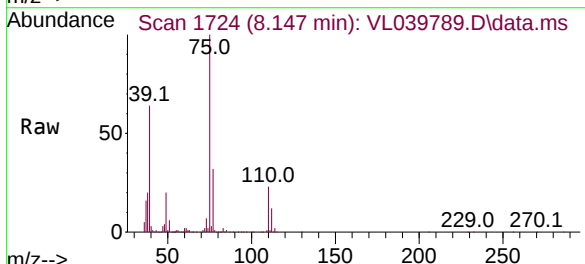
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

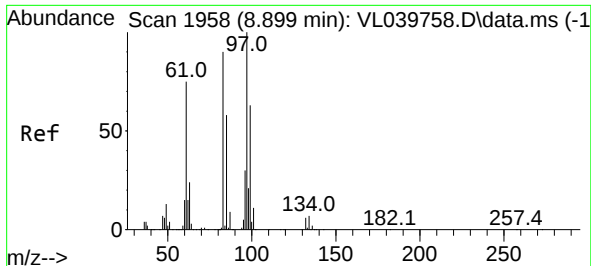
Tgt Ion: 75 Resp: 702769
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.1 37.7



#46
 cis-1,3-Dichloropropene
 Concen: 12.348 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.007 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion: 75 Resp: 987859
 Ion Ratio Lower Upper
 75 100
 39 64.2 53.9 80.9
 77 31.6 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 10.311 ppbv

RT: 8.902 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

Tgt Ion: 97 Resp: 801470

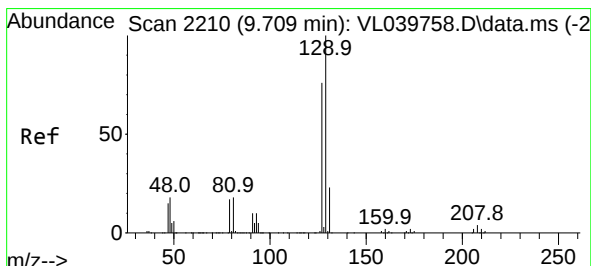
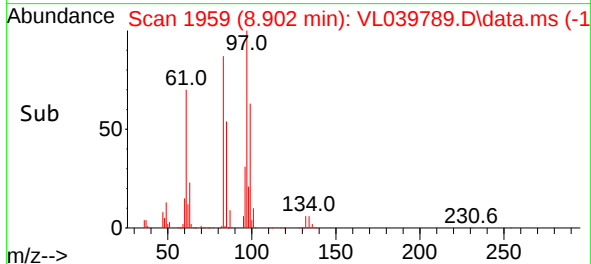
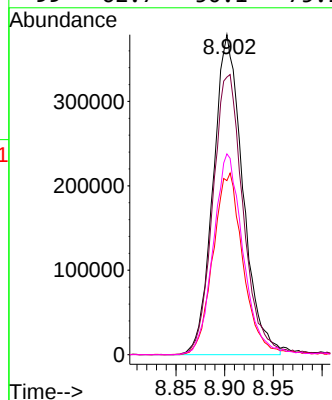
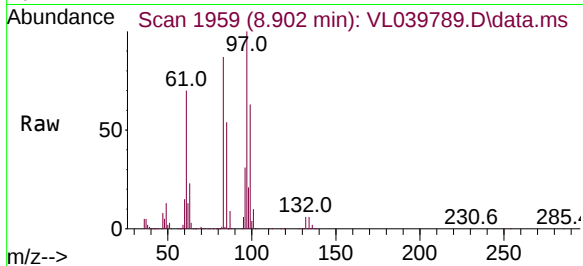
Ion Ratio Lower Upper

97 100

83 86.5 71.6 107.4

85 54.3 46.2 69.4

99 62.7 50.1 75.1



#48

Dibromochloromethane

Concen: 10.698 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VL039789.D

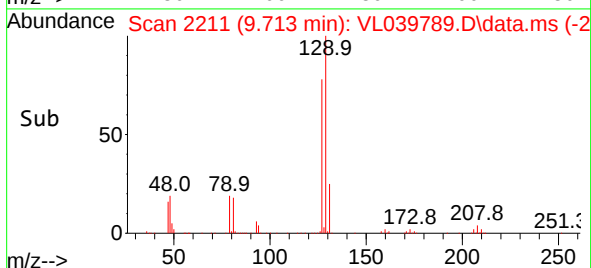
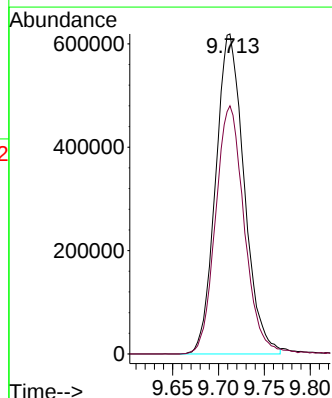
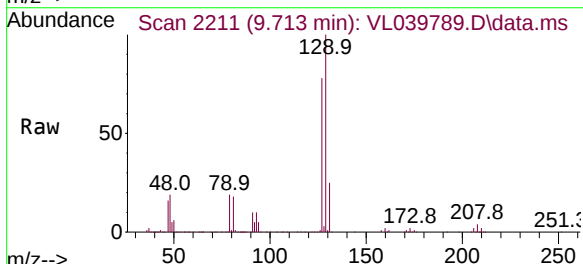
Acq: 25 Oct 2022 15:50

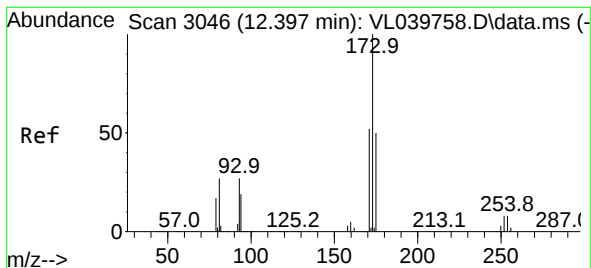
Tgt Ion: 129 Resp: 1338659

Ion Ratio Lower Upper

129 100

127 78.6 39.5 118.5





#49

Bromoform

Concen: 10.495 ppbv

RT: 12.407 min Scan# 3046

Delta R.T. 0.010 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

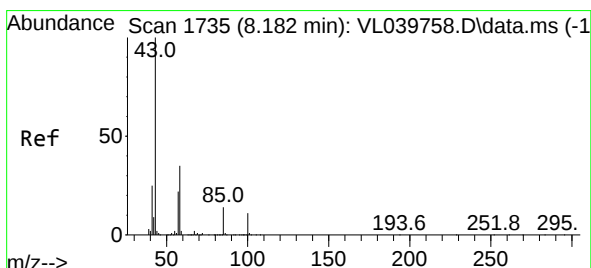
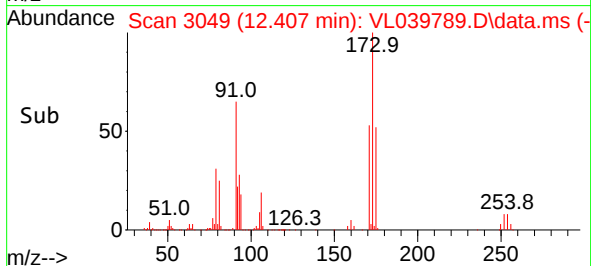
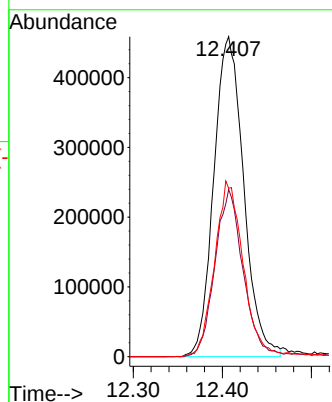
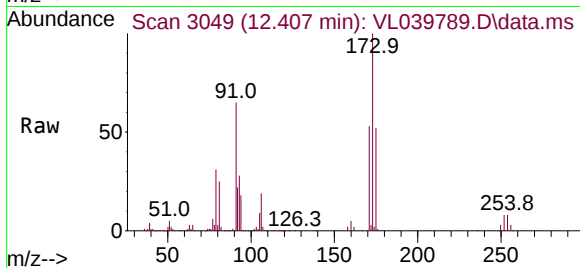
Tgt Ion:173 Resp: 1069640

Ion Ratio Lower Upper

173 100

175 50.8 41.2 61.8

171 53.4 43.2 64.8



#50

4-Methyl-2-Pentanone

Concen: 11.772 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VL039789.D

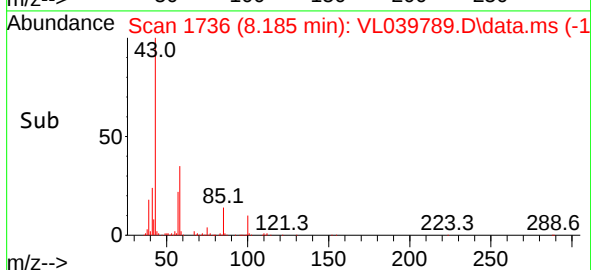
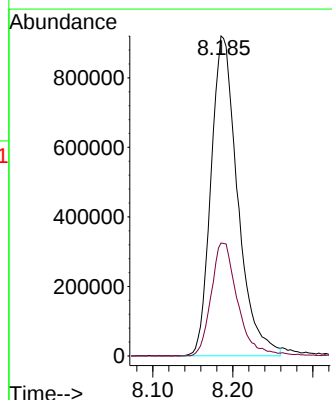
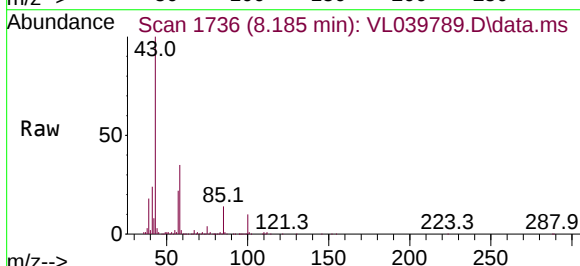
Acq: 25 Oct 2022 15:50

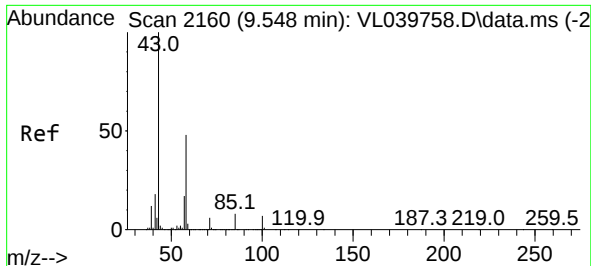
Tgt Ion: 43 Resp: 2126194

Ion Ratio Lower Upper

43 100

58 35.4 28.2 42.4

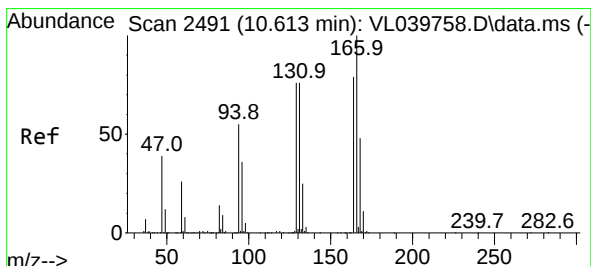
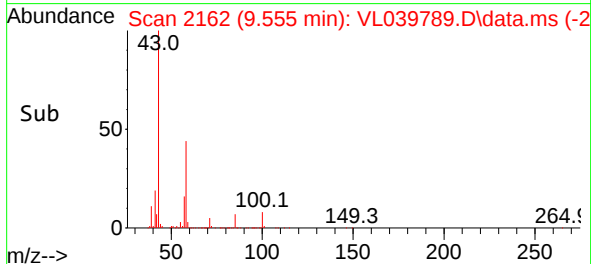
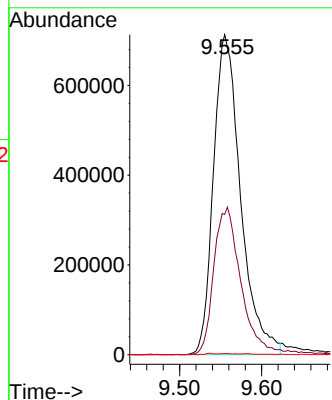
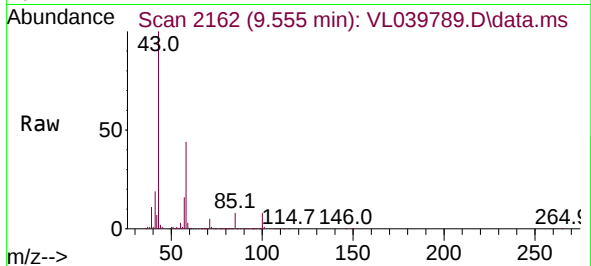




#51
2-Hexanone
Concen: 12.415 ppbv
RT: 9.555 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

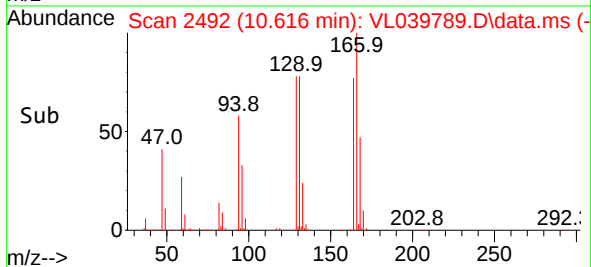
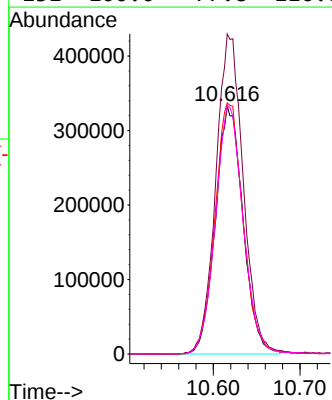
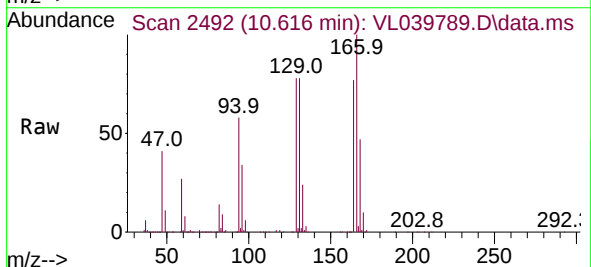
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

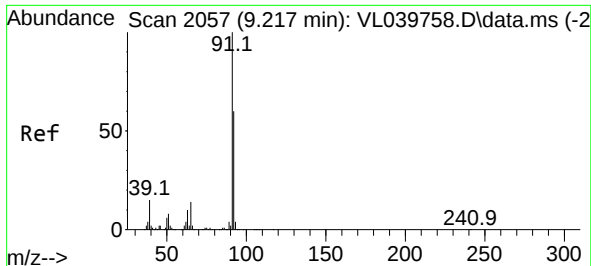
Tgt Ion: 43 Resp: 1641498
Ion Ratio Lower Upper
43 100
58 46.8 38.1 57.1
98 0.4 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.403 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 164 Resp: 734332
Ion Ratio Lower Upper
164 100
166 129.1 101.8 152.6
129 101.2 77.5 116.3
131 100.0 77.8 116.8

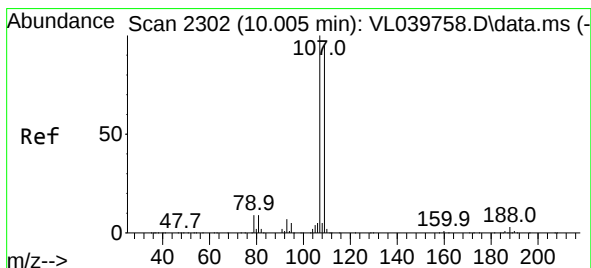
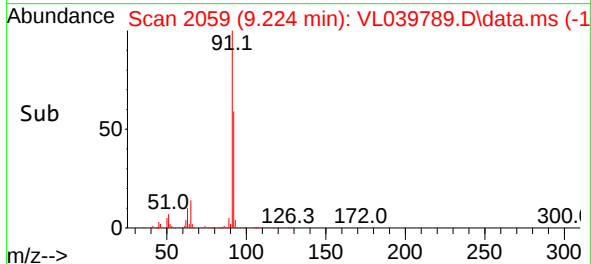
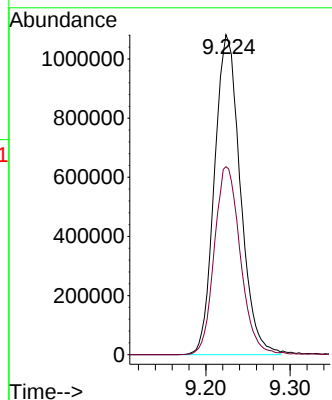
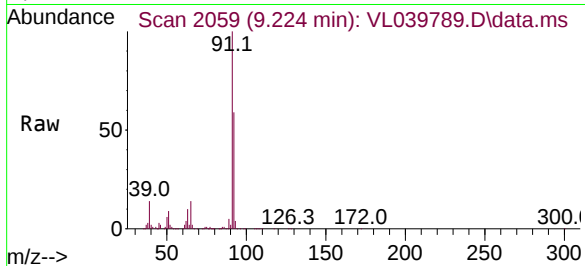




#53
Toluene
Concen: 11.663 ppbv
RT: 9.224 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

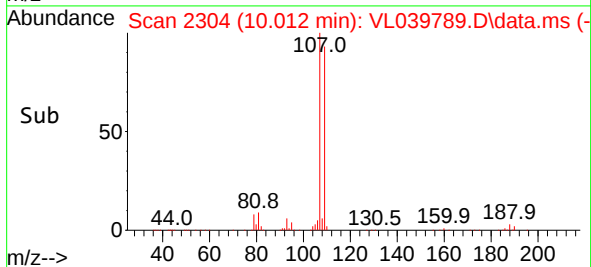
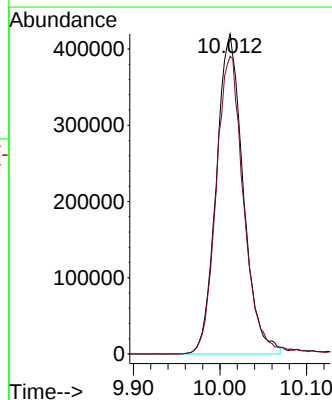
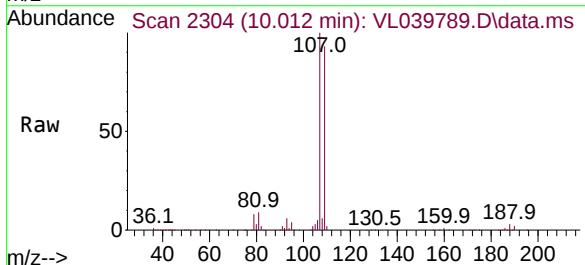
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

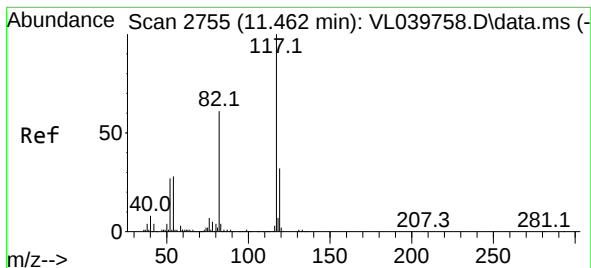
Tgt Ion: 91 Resp: 2302549
Ion Ratio Lower Upper
91 100
92 59.5 48.0 72.0



#54
1,2-Dibromoethane
Concen: 11.466 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 107 Resp: 904741
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8

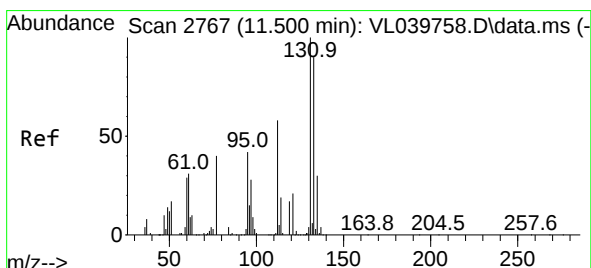
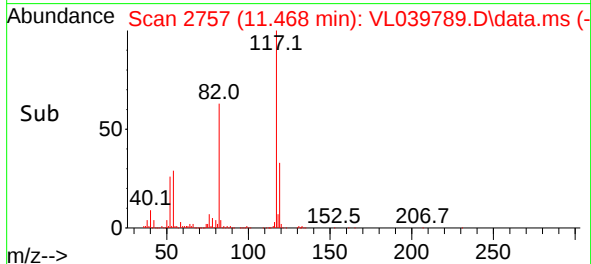
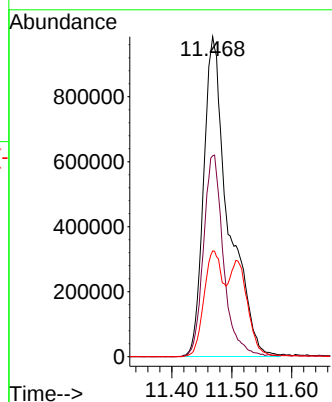
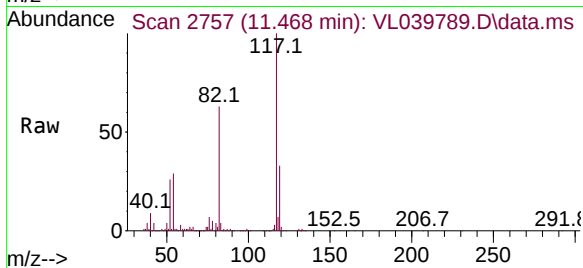




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

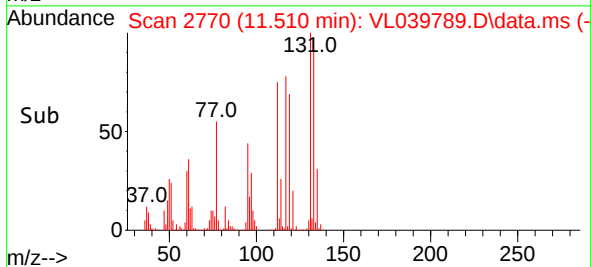
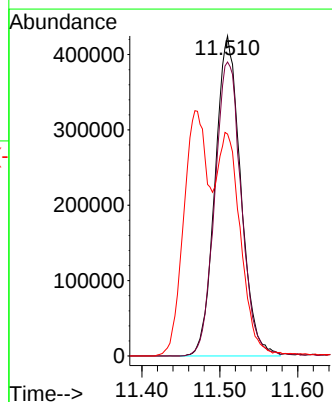
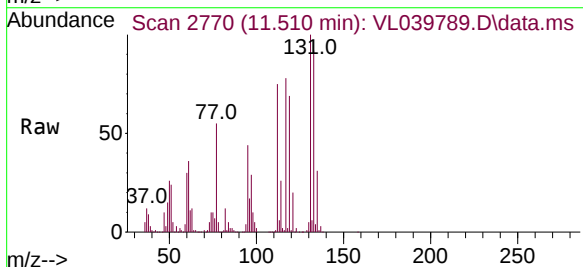
Instrument :
MSVOA_1
ClientSampleId :
VL1025ABS01

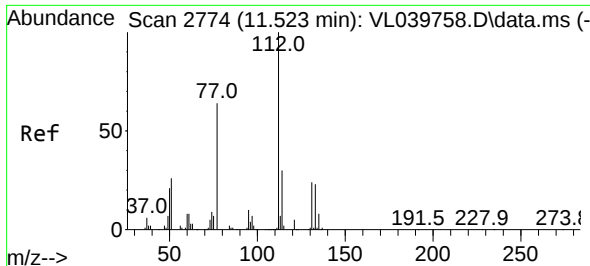
Tgt Ion:117 Resp: 2836956
Ion Ratio Lower Upper
117 100
82 51.6 49.9 74.9
119 24.0 25.2 37.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.088 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion:131 Resp: 970929
Ion Ratio Lower Upper
131 100
133 95.4 77.1 115.7
119 70.7 52.0 78.0

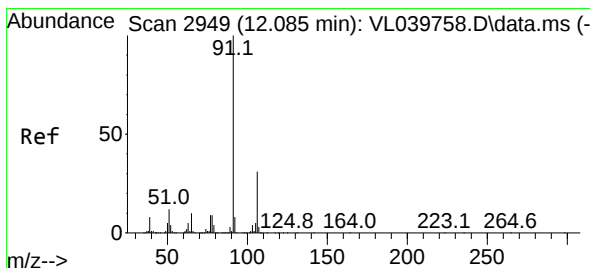
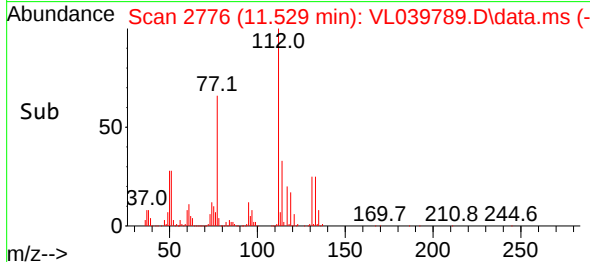
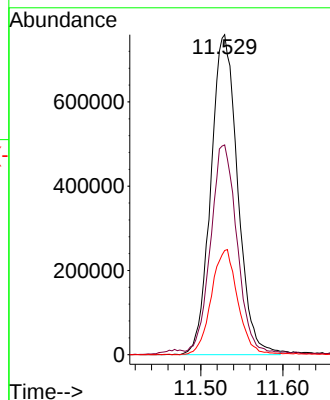
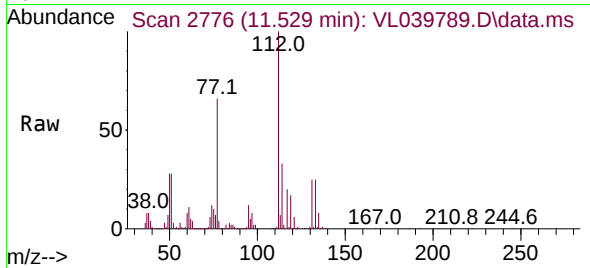




#57
Chlorobenzene
Concen: 7.935 ppbv
RT: 11.529 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

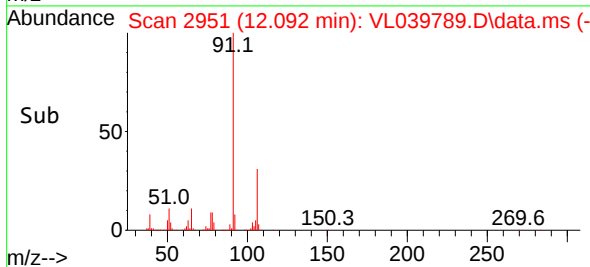
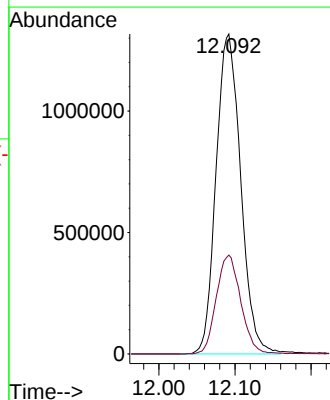
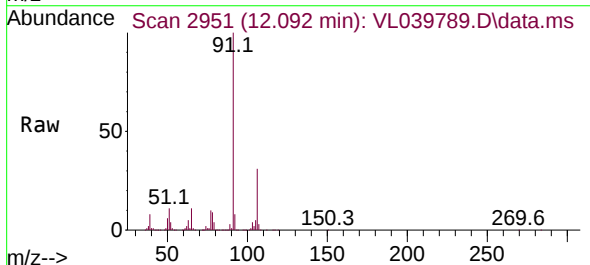
Instrument :
MSVOA_1
ClientSampleId :
VL1025ABS01

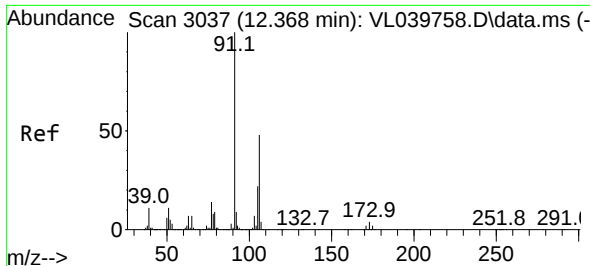
Tgt Ion:112 Resp: 1726853
Ion Ratio Lower Upper
112 100
77 64.7 51.5 77.3
114 32.5 27.1 33.1



#58
Ethyl Benzene
Concen: 9.160 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 91 Resp: 2960289
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8





#59

m/p-Xylene

Concen: 9.593 ppbv

RT: 12.375 min Scan# 3037

Delta R.T. 0.006 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

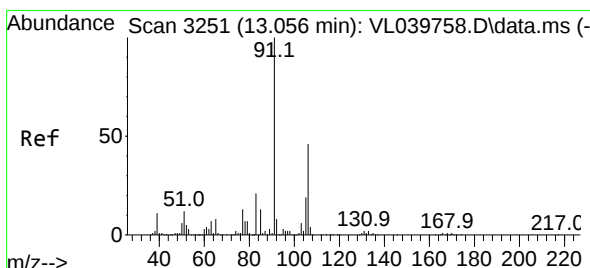
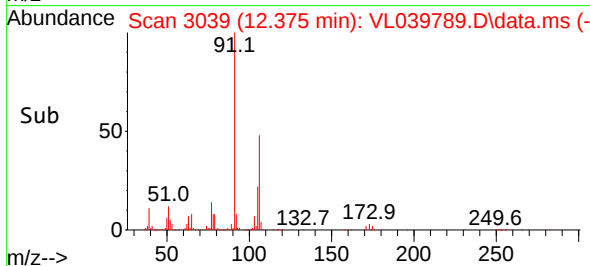
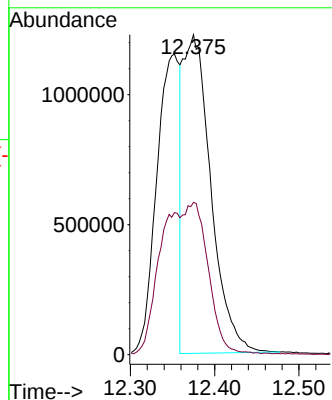
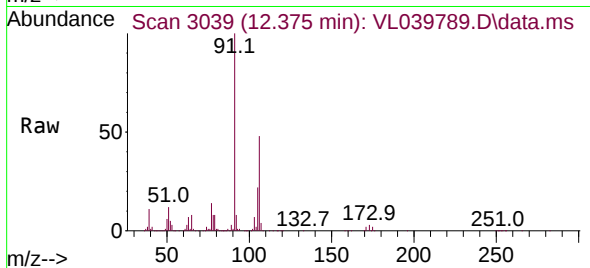
VL1025ABS01

Tgt Ion: 91 Resp: 2798266

Ion Ratio Lower Upper

91 100

106 81.3 36.4 54.6#



#60

o-Xylene

Concen: 8.744 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VL039789.D

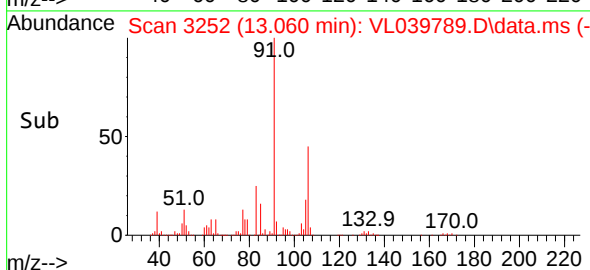
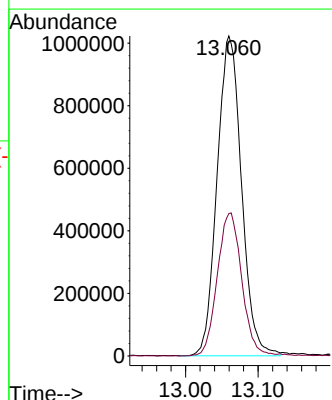
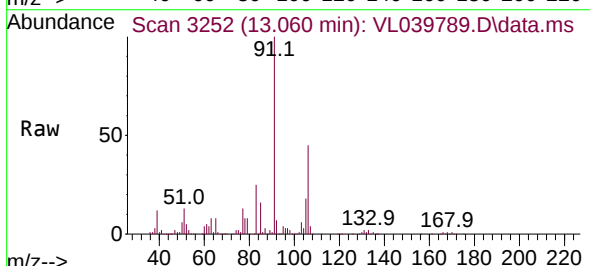
Acq: 25 Oct 2022 15:50

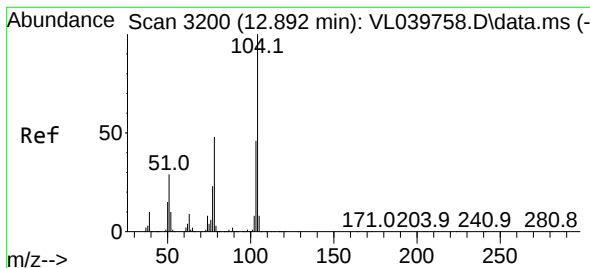
Tgt Ion: 91 Resp: 2391553

Ion Ratio Lower Upper

91 100

106 45.4 22.9 68.8





#61

Styrene

Concen: 9.796 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

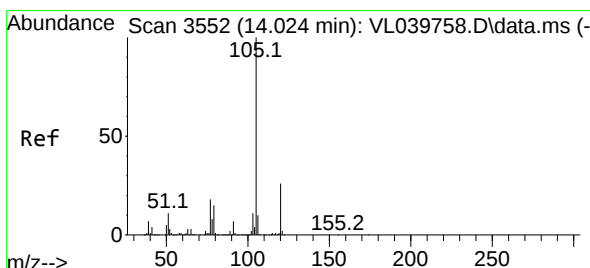
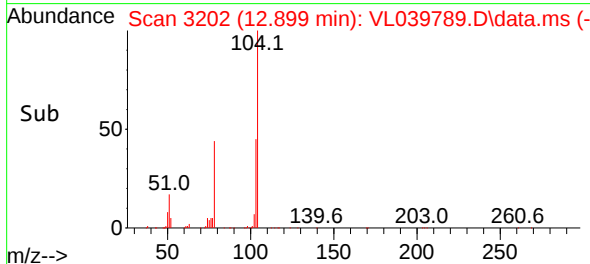
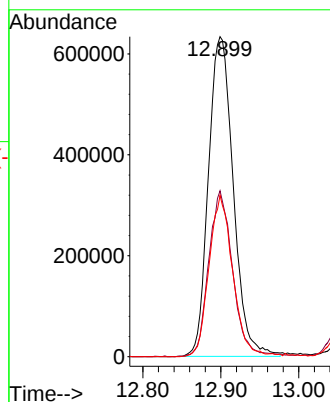
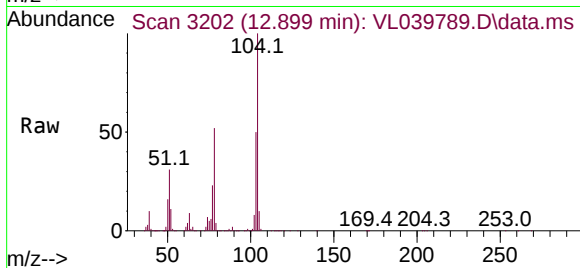
Tgt Ion:104 Resp: 1407229

Ion Ratio Lower Upper

104 100

78 50.3 39.9 59.9

103 48.3 38.8 58.2



#62

Isopropylbenzene

Concen: 8.291 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. 0.010 min

Lab File: VL039789.D

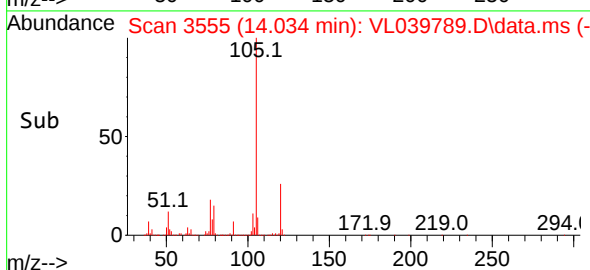
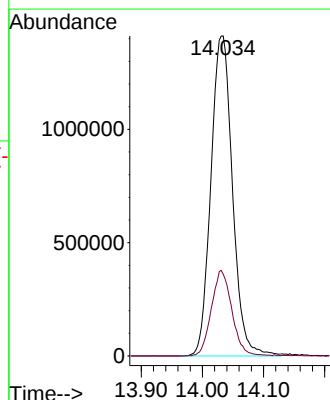
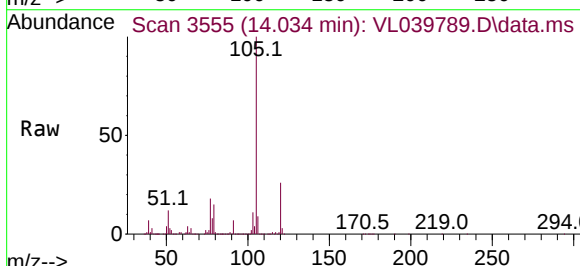
Acq: 25 Oct 2022 15:50

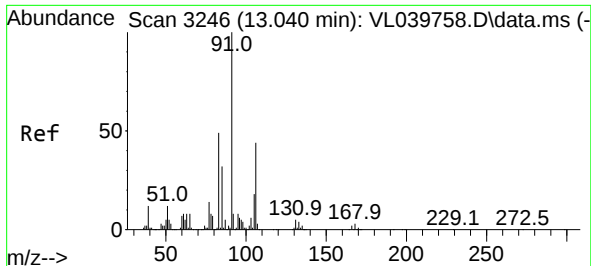
Tgt Ion:105 Resp: 3464532

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

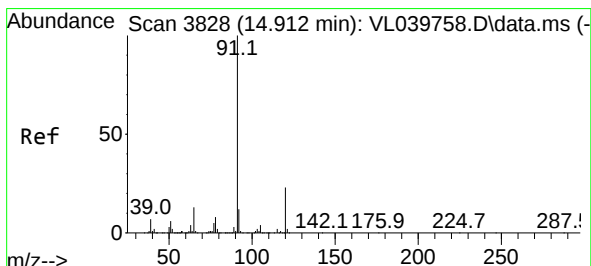
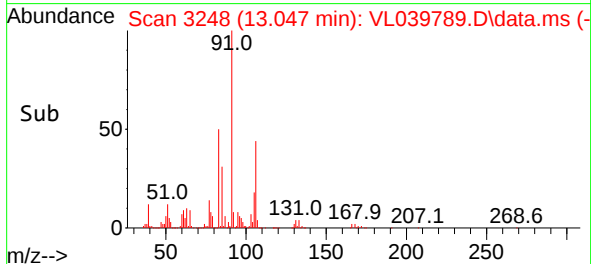
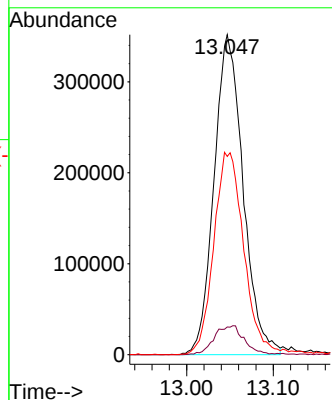
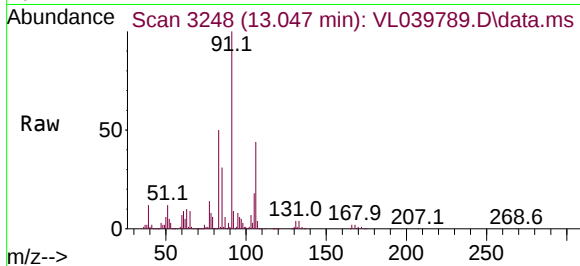




#63
1,1,2,2-Tetrachloroethane
Concen: 7.123 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

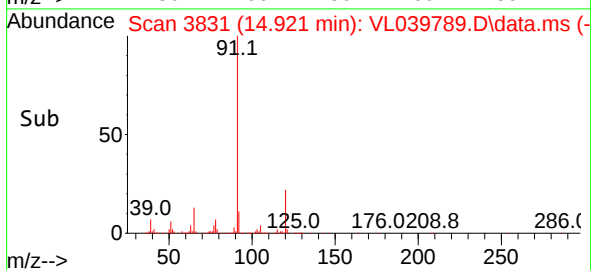
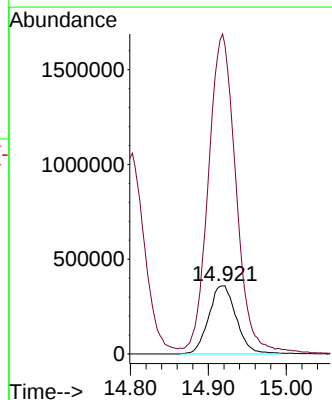
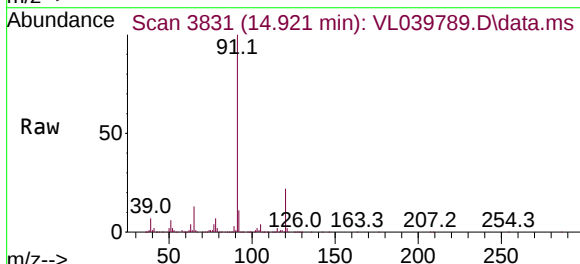
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

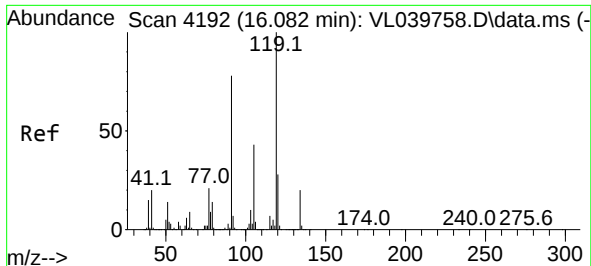
Tgt Ion: 83 Resp: 819429
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 66.0 33.6 100.6



#64
n-propylbenzene
Concen: 8.317 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 120 Resp: 880046
Ion Ratio Lower Upper
120 100
91 475.7 386.6 579.8

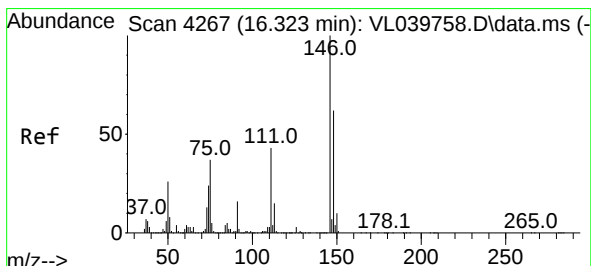
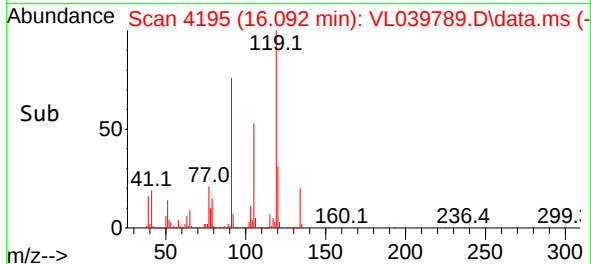
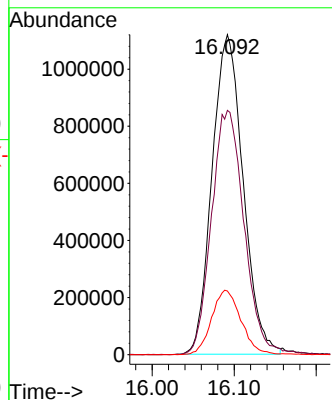
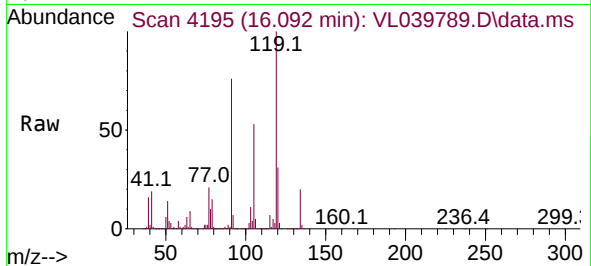




#65
tert-Butylbenzene
Concen: 8.086 ppbv
RT: 16.092 min Scan# 4192
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

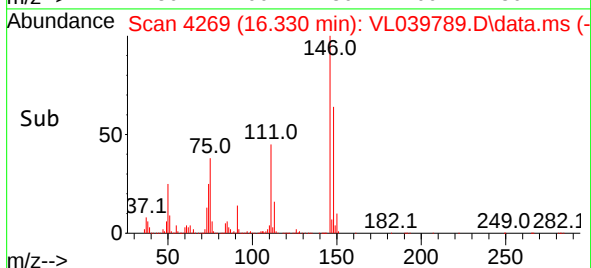
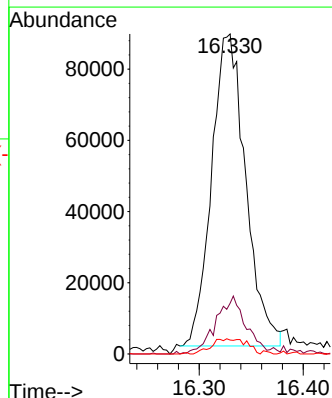
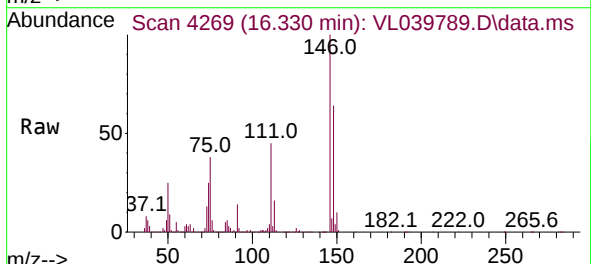
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

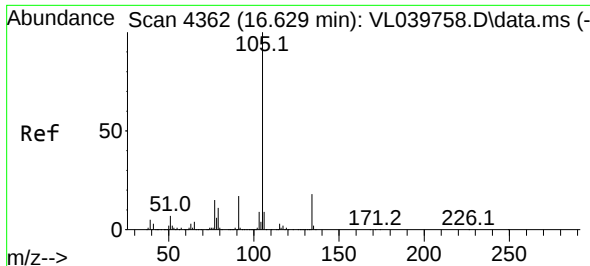
Tgt Ion:119 Resp: 2944441
Ion Ratio Lower Upper
119 100
91 80.4 63.3 94.9
134 19.3 15.5 23.3



#66
Benzyl Chloride
Concen: 7.717 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.006 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 91 Resp: 199330
Ion Ratio Lower Upper
91 100
126 18.0 13.8 20.6
128 5.2 5.1 7.7

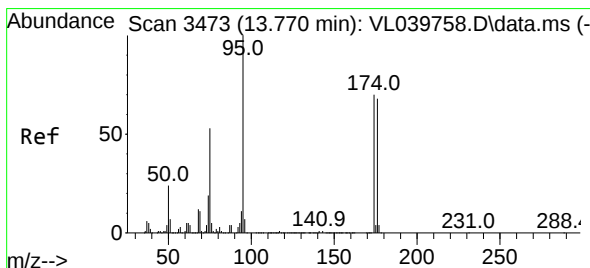
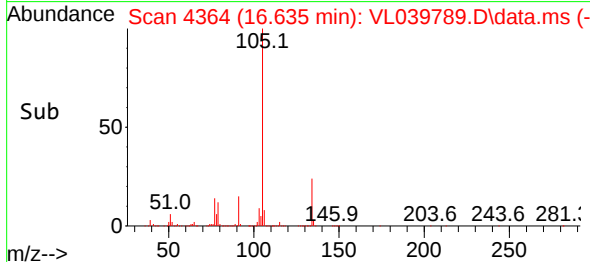
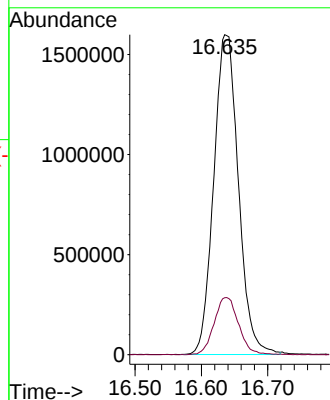
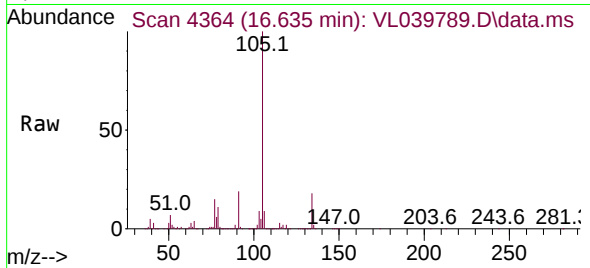




#67
 sec-Butylbenzene
 Concen: 8.052 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

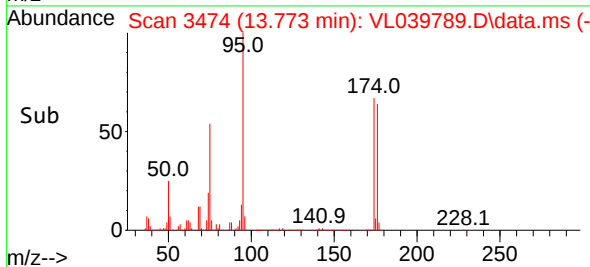
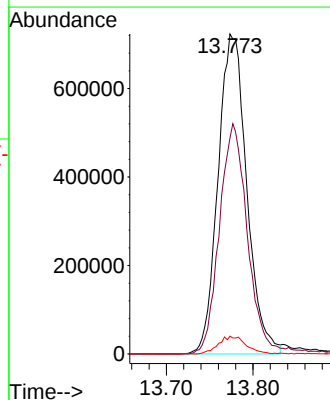
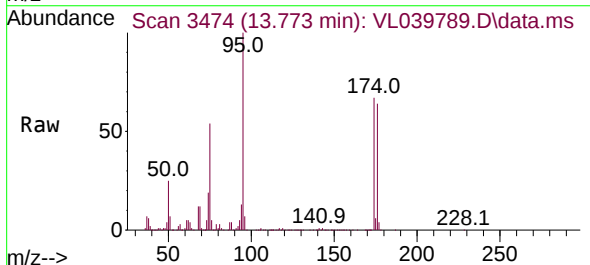
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABS01

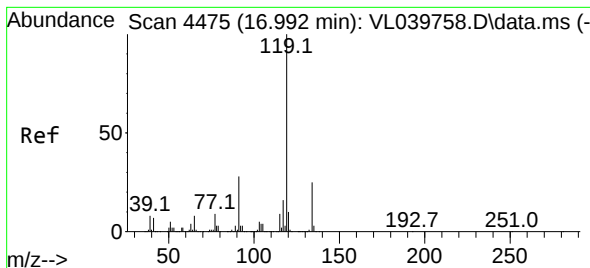
Tgt Ion:105 Resp: 4129958
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.250 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion: 95 Resp: 1664906
 Ion Ratio Lower Upper
 95 100
 174 72.0 57.3 85.9
 175 5.4 4.2 6.2

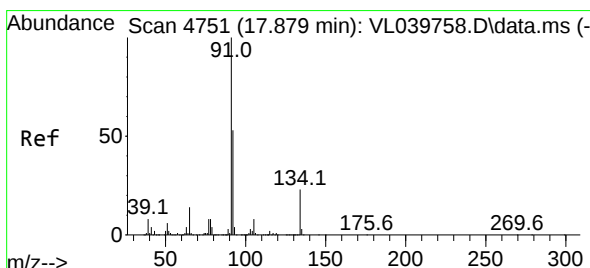
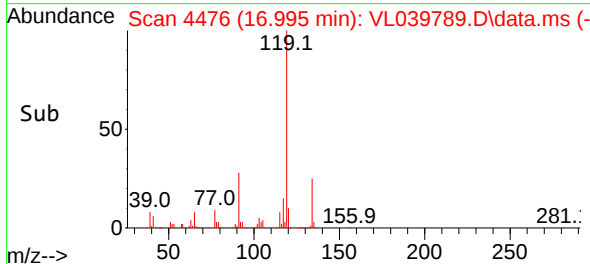
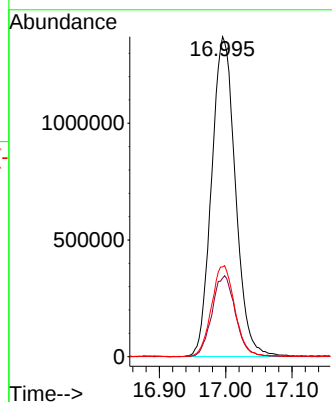
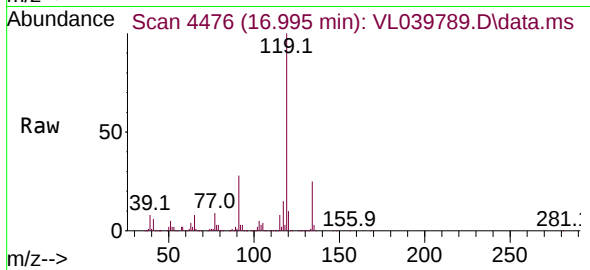




#69
p-Isopropyltoluene
Concen: 8.228 ppbv
RT: 16.995 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

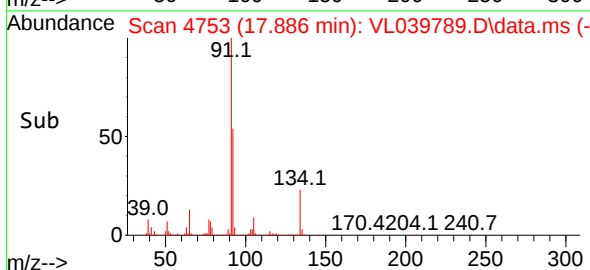
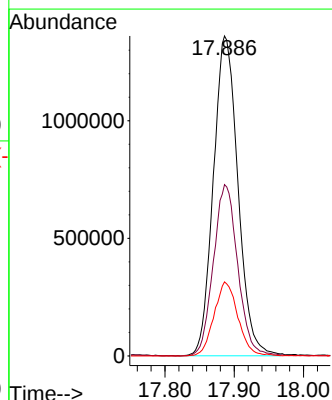
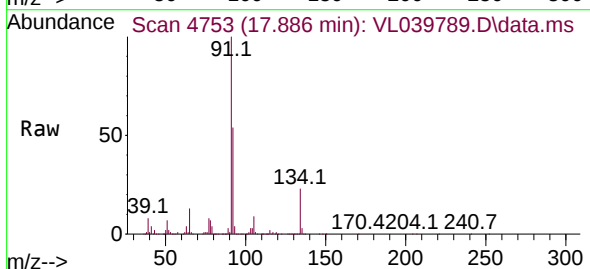
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

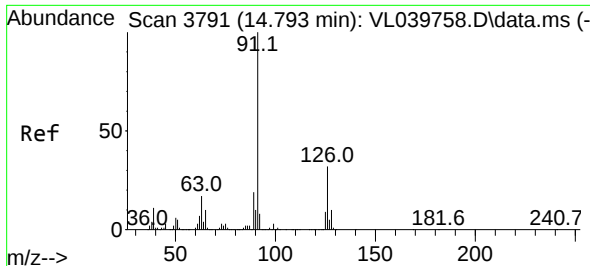
Tgt Ion:119 Resp: 3413835
Ion Ratio Lower Upper
119 100
134 25.1 19.8 29.6
91 28.1 22.2 33.2



#70
n-Butylbenzene
Concen: 8.445 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 91 Resp: 3350445
Ion Ratio Lower Upper
91 100
92 53.1 43.0 64.6
134 22.6 18.5 27.7

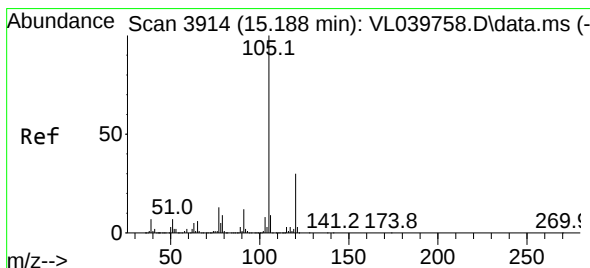
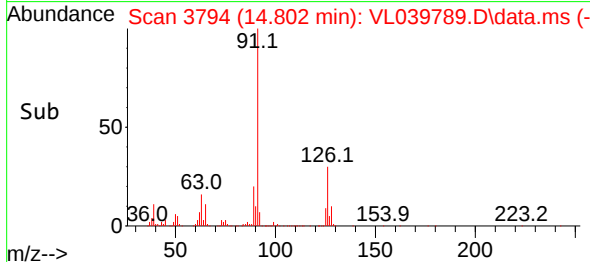
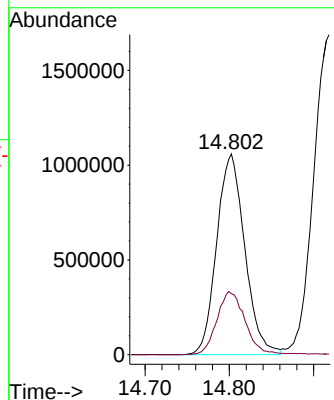
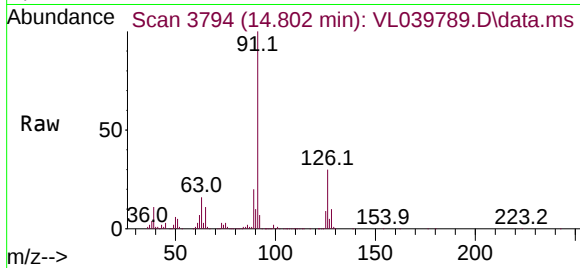




#71
2-Chlorotoluene
Concen: 8.433 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

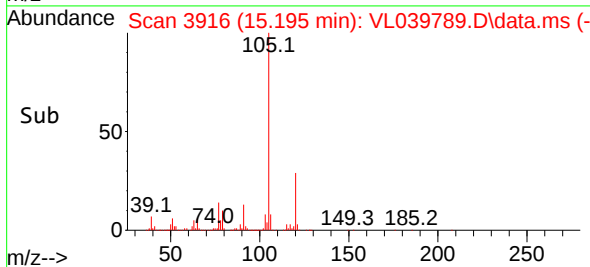
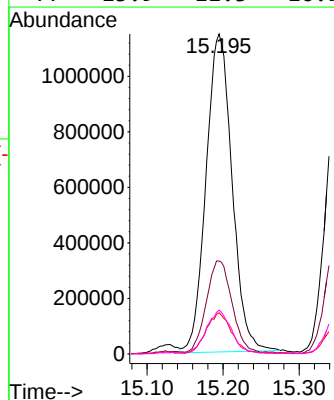
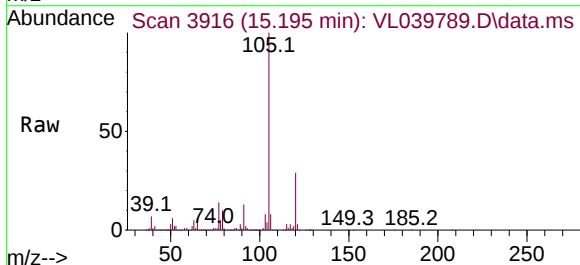
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

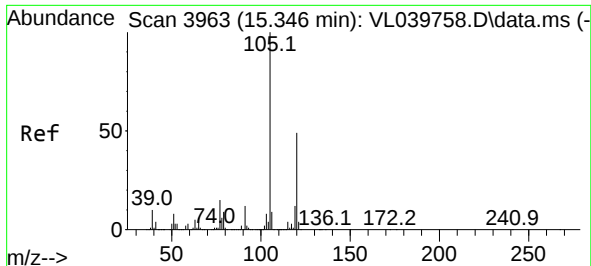
Tgt Ion: 91 Resp: 2447560
Ion Ratio Lower Upper
91 100
126 32.4 13.0 52.0



#72
4-Ethyltoluene
Concen: 8.636 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.007 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion: 105 Resp: 2721045
Ion Ratio Lower Upper
105 100
120 30.6 25.0 37.6
91 12.3 10.2 15.2
77 13.9 11.3 16.9

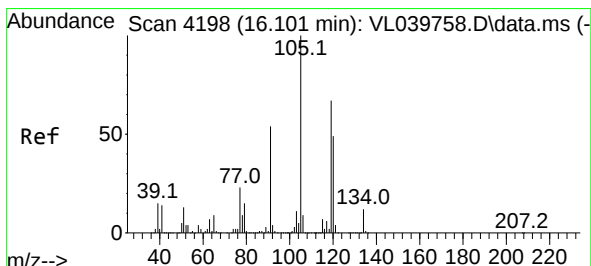
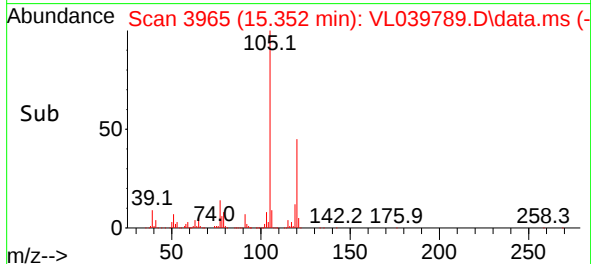
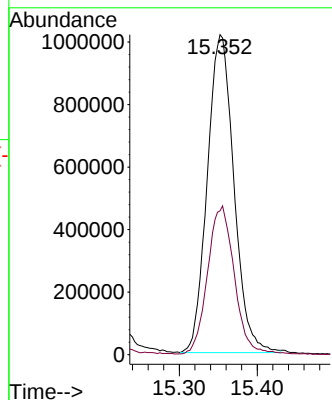
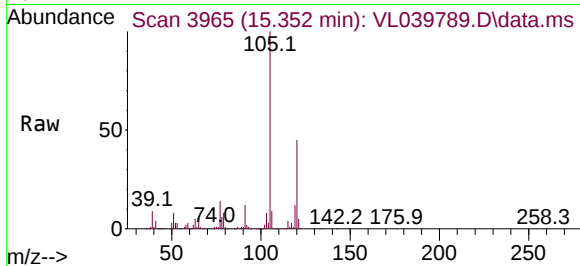




#73
 1,3,5-Trimethylbenzene
 Concen: 8.555 ppbv
 RT: 15.352 min Scan# 3963
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

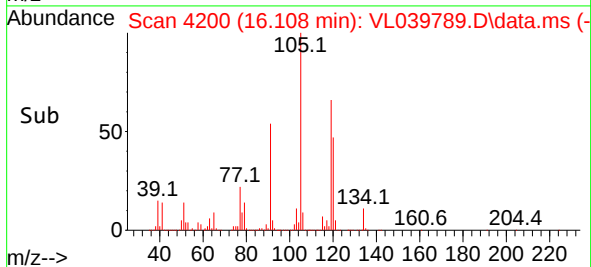
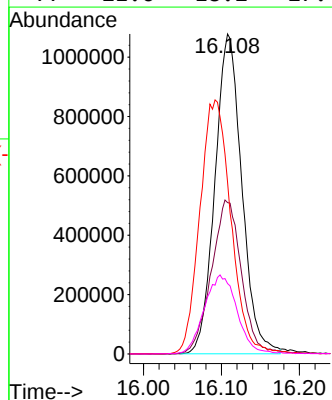
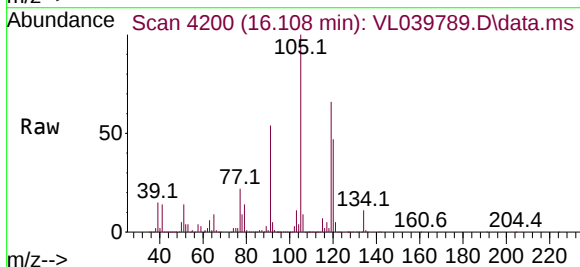
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1025ABS01

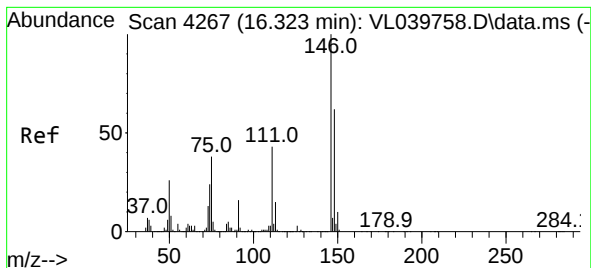
Tgt Ion:105 Resp: 2412319
 Ion Ratio Lower Upper
 105 100
 120 45.0 39.0 58.6



#74
 1,2,4-Trimethylbenzene
 Concen: 8.084 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. 0.006 min
 Lab File: VL039789.D
 Acq: 25 Oct 2022 15:50

Tgt Ion:105 Resp: 2581327
 Ion Ratio Lower Upper
 105 100
 120 47.0 39.6 59.4
 91 52.9 42.9 64.3
 77 21.6 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 7.731 ppbv

RT: 16.333 min Scan# 4313

Delta R.T. 0.010 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01

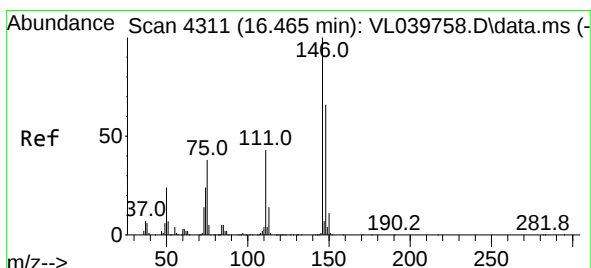
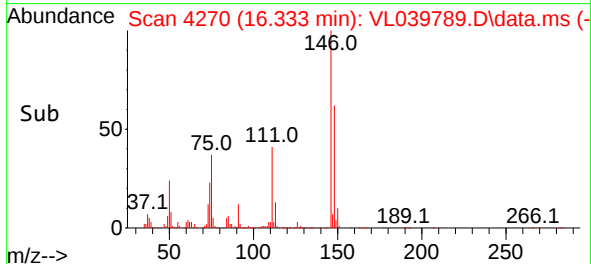
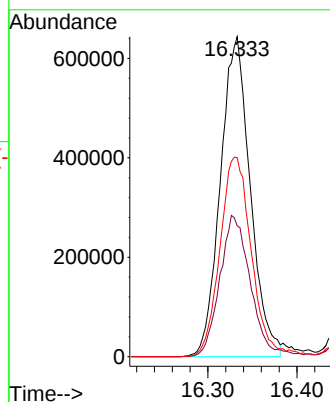
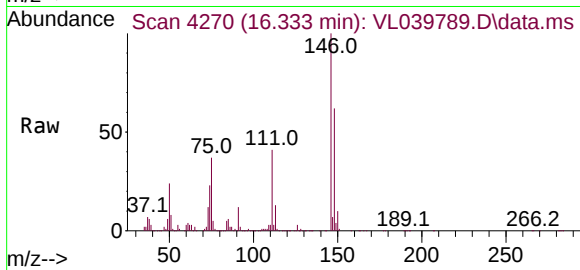
Tgt Ion:146 Resp: 1498401

Ion Ratio Lower Upper

146 100

111 45.6 22.4 67.3

148 66.1 32.4 97.0



#76

1,4-Dichlorobenzene

Concen: 7.758 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.007 min

Lab File: VL039789.D

Acq: 25 Oct 2022 15:50

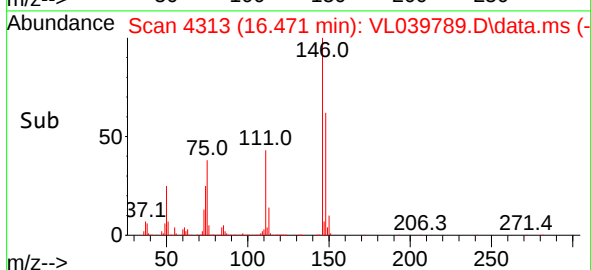
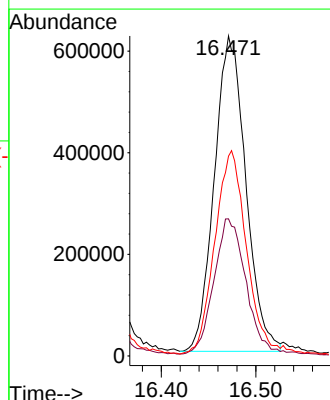
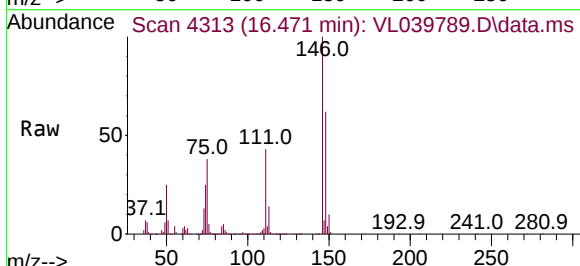
Tgt Ion:146 Resp: 1434092

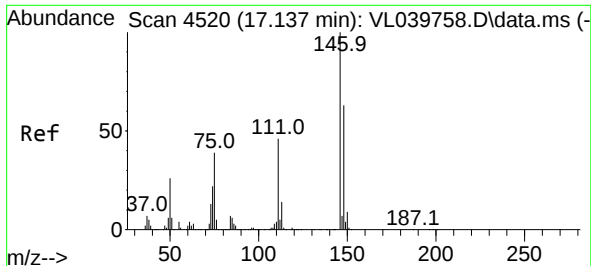
Ion Ratio Lower Upper

146 100

111 46.5 22.0 66.0

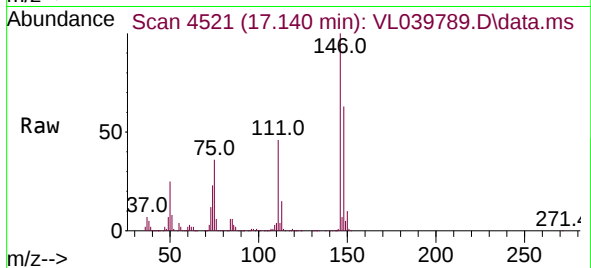
148 67.2 33.6 100.8



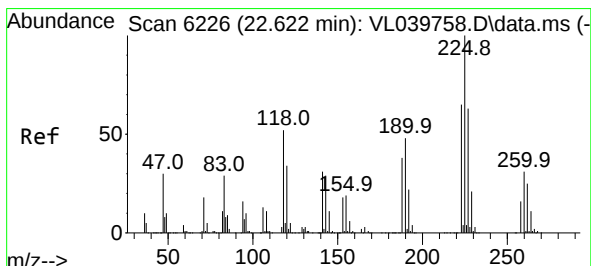
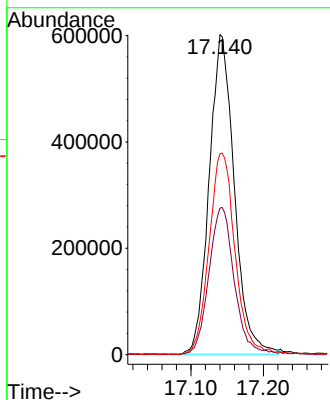
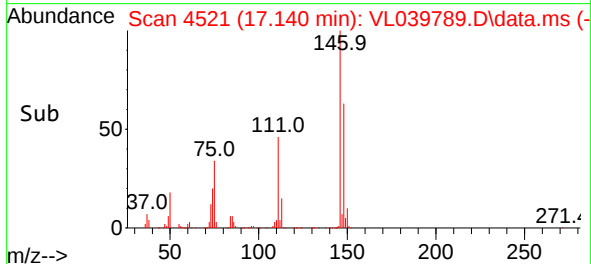


#77
1,2-Dichlorobenzene
Concen: 7.809 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

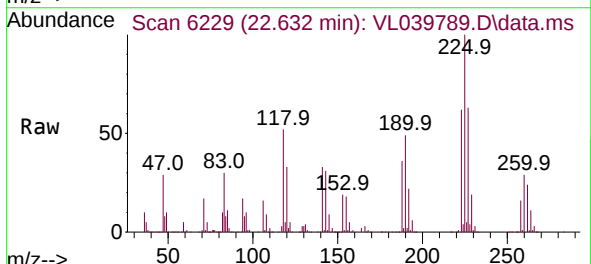
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01



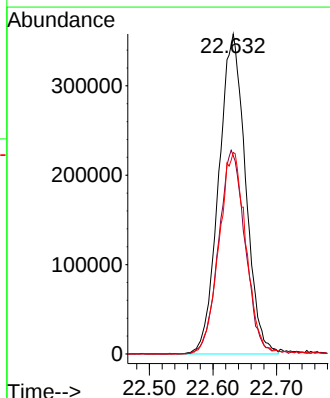
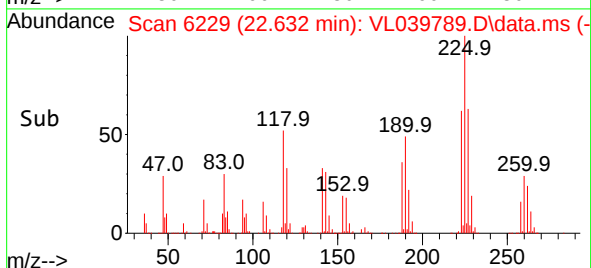
Tgt Ion:146 Resp: 1443168
Ion Ratio Lower Upper
146 100
111 47.0 23.8 71.4
148 65.6 32.3 96.9

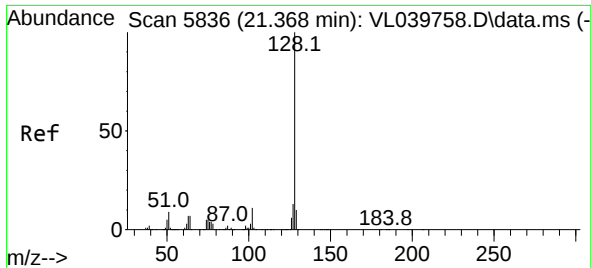


#78
Hexachloro-1,3-Butadiene
Concen: 7.429 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50



Tgt Ion:225 Resp: 1046309
Ion Ratio Lower Upper
225 100
223 63.3 50.8 76.2
227 64.3 51.0 76.4

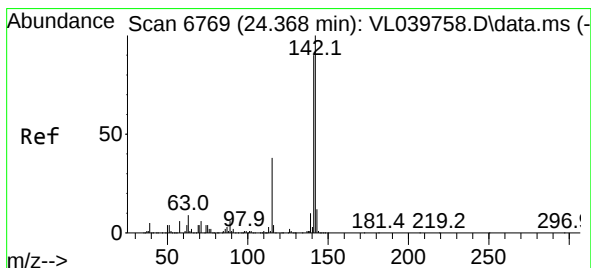
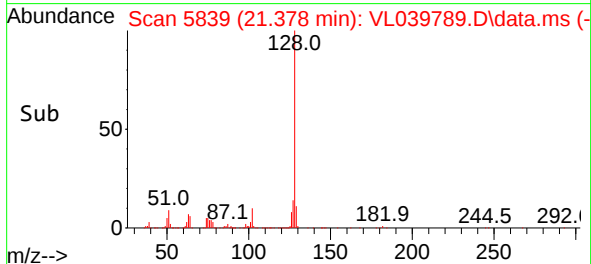
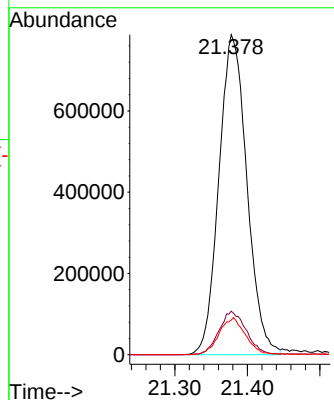
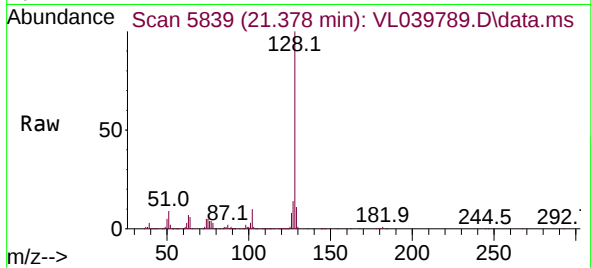




#79
Naphthalene
Concen: 10.815 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.010 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

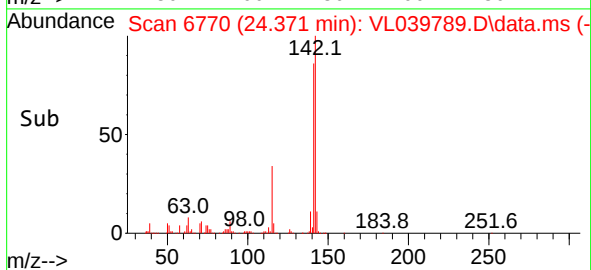
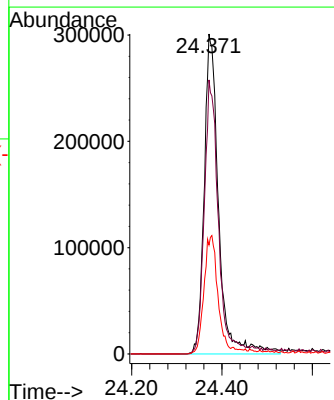
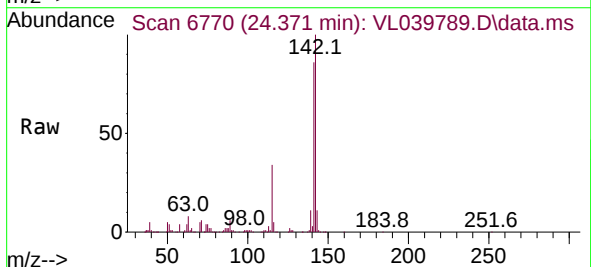
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

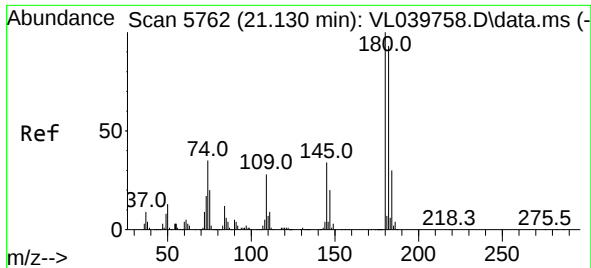
Tgt Ion:128 Resp: 2111883
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.8 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 10.033 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039789.D
Acq: 25 Oct 2022 15:50

Tgt Ion:142 Resp: 665328
Ion Ratio Lower Upper
142 100
141 84.8 65.7 98.5
115 37.7 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 9.203 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL039789.D

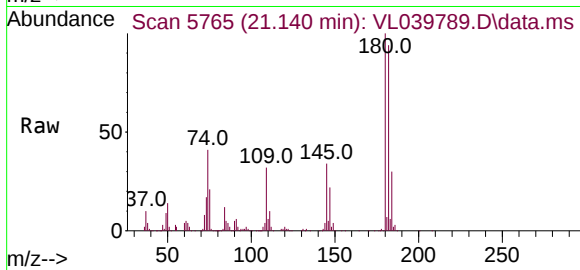
Acq: 25 Oct 2022 15:50

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABS01



Tgt Ion:180 Resp: 1187744

Ion Ratio Lower Upper

180 100

182 95.8 77.5 116.3

184 30.4 24.6 36.8

