

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039755.D
 Acq On : 21 Oct 2022 22:40
 Operator : SY/AP
 Sample : VL1021ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

Quant Time: Oct 22 02:39:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	871582	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2659394	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2508309	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1807173	10.149	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.867	85	1338244	9.169	ppbv	97
3) Chlorodifluoromethane	2.681	51	20171	0.182	ppbv	97
4) Chloromethane	2.825	50	57409	0.826	ppbv	97
5) Vinyl Chloride	2.931	62	54223	0.994	ppbv	92
6) Bromomethane	3.127	94	198752	9.839	ppbv	99
7) Chloroethane	3.208	64	207894	10.284	ppbv #	84
8) Dichlorotetrafluoroethane	2.867	85	1338244	9.883	ppbv	97
9) Propene	2.700	41	8072	0.159	ppbv	87
10) Heptane	7.577	43	1314916	11.175	ppbv	98
11) Trichlorofluoromethane	3.574	101	1392020	10.246	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.076	101	1046651	9.577	ppbv	98
13) Ethanol	3.266	45	15302	4.429	ppbv #	38
14) Bromoethene	3.375	108	422593	10.151	ppbv	98
15) Acetone	3.484	43	1037450	9.859	ppbv	99
16) 1,3-Butadiene	2.992	39	183554	3.475	ppbv	91
17) tert-Butyl alcohol	3.889	59	955736	10.690	ppbv	99
18) 1,1-Dichloroethene	3.889	96	474914	10.127	ppbv	97
19) Isopropyl Alcohol	3.590	45	560848	10.913	ppbv	99
20) Methylene Chloride	3.941	84	400934	9.476	ppbv	98
21) Allyl Chloride	4.008	41	772317	10.633	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	488916	10.268	ppbv	96
23) Vinyl Acetate	4.632	43	418950	9.435	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1024977	10.124	ppbv	99
25) Ethyl Acetate	5.211	43	2017372	9.568	ppbv	99
26) Hexane	5.214	57	820456	9.555	ppbv	98
27) Carbon Disulfide	4.134	76	1168135	10.864	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	800691	9.833	ppbv	100
29) Chloroform	5.278	83	1181677	8.585	ppbv	98
30) Cyclohexane	6.600	84	792693	10.981	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	798045	10.364	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1382174	11.577	ppbv	99
34) 2-Butanone	4.793	43	1174833	9.577	ppbv	99
35) Carbon Tetrachloride	6.494	117	1494041	10.840	ppbv	97
36) Benzene	6.372	78	2007959	10.005	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1081234	10.001	ppbv	100
38) Trichloroethene	7.288	130	1189876	11.053	ppbv	93
39) 1,2-Dichloropropane	7.073	63	764266	9.927	ppbv	97
40) 1,4-Dioxane	7.291	88	254771	8.639	ppbv #	86
41) Tetrahydrofuran	5.561	42	819357	10.418	ppbv	99
42) Bromodichloromethane	7.246	83	1598287	10.765	ppbv	99
43) Methyl Methacrylate	7.475	69	787562	10.908	ppbv	100
44) 2,2,4-Trimethylpentane	7.323	57	3424249	10.069	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	725155	12.134	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
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 Acq On : 21 Oct 2022 22:40
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 Sample : VL1021ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

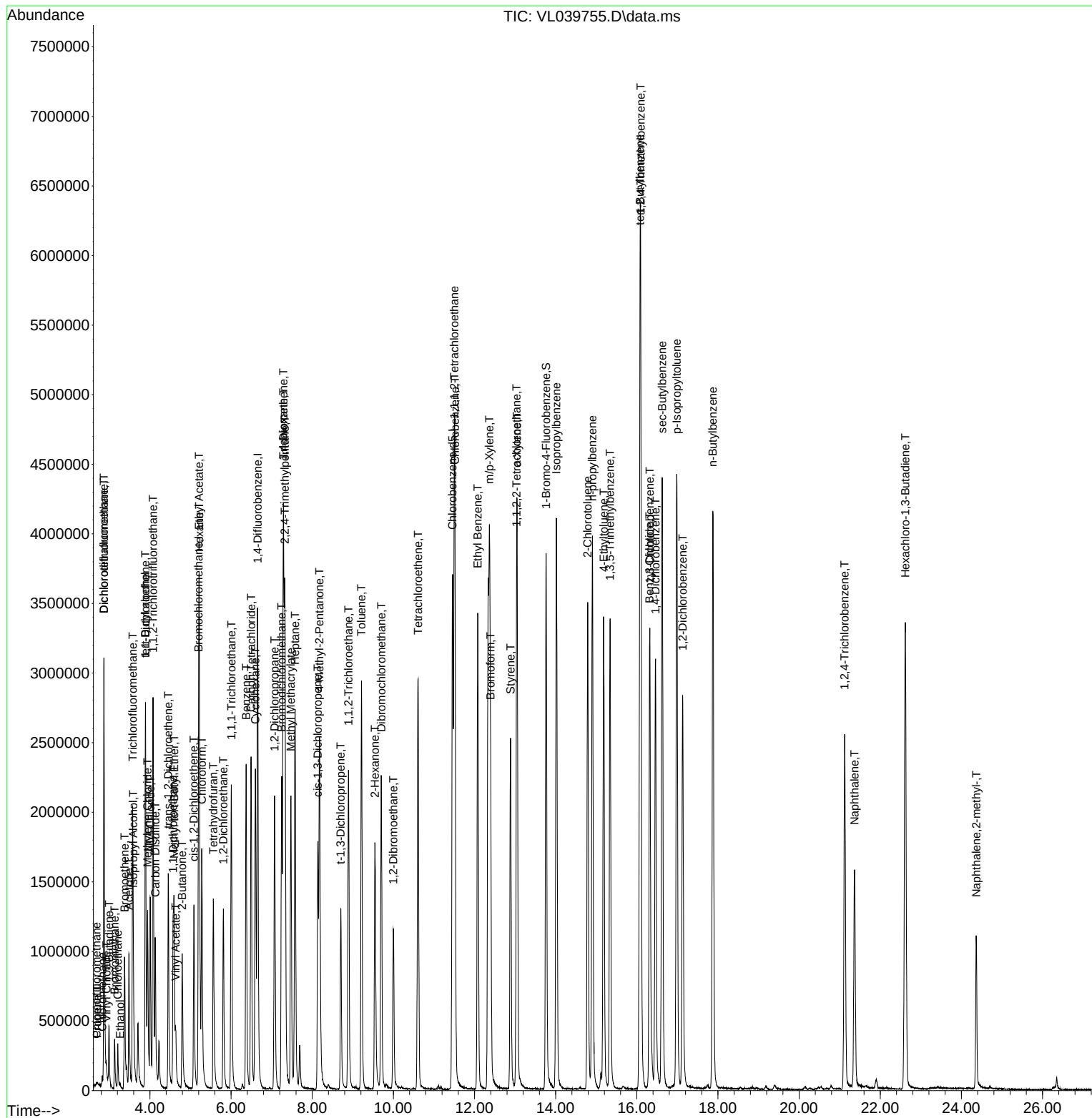
Instrument :
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 ClientSampleId :
 VL1021ABS02

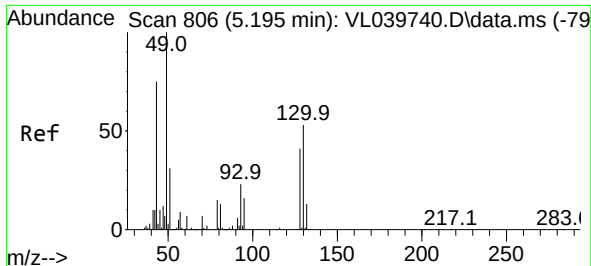
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1001759	11.833	ppbv	97
47) 1,1,2-Trichloroethane	8.892	97	856785	10.247	ppbv	97
48) Dibromochloromethane	9.703	129	1402403	11.118	ppbv	99
49) Bromoform	12.397	173	1178708	11.608	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2142985	10.715	ppbv	100
51) 2-Hexanone	9.545	43	1675637	11.689	ppbv	99
52) Tetrachloroethene	10.609	164	764150	10.547	ppbv	98
53) Toluene	9.214	91	2382879	10.995	ppbv	100
54) 1,2-Dibromoethane	9.999	107	952256	11.325	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.500	131	1020987	10.029	ppbv	97
57) Chlorobenzene	11.519	112	1827452	9.930	ppbv	99
58) Ethyl Benzene	12.079	91	3122437	10.778	ppbv	99
59) m/p-Xylene	12.365	91	3111934	12.153	ppbv #	51
60) o-Xylene	13.050	91	2571455	10.498	ppbv	98
61) Styrene	12.889	104	1529254	11.933	ppbv	98
62) Isopropylbenzene	14.018	105	3730809	10.226	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	902592	9.642	ppbv	99
64) n-propylbenzene	14.908	120	965674	10.535	ppbv	99
65) tert-Butylbenzene	16.079	119	3259668	10.199	ppbv	100
66) Benzyl Chloride	16.313	91	236591	10.594	ppbv	100
67) sec-Butylbenzene	16.625	105	4566858	10.328	ppbv	100
69) p-Isopropyltoluene	16.985	119	3737320	10.487	ppbv	99
70) n-Butylbenzene	17.873	91	3712058	10.824	ppbv	99
71) 2-Chlorotoluene	14.789	91	2710701	10.441	ppbv	99
72) 4-Ethyltoluene	15.182	105	2981998	10.908	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2665259	10.472	ppbv	100
74) 1,2,4-Trimethylbenzene	16.095	105	2903598	10.386	ppbv	93
75) 1,3-Dichlorobenzene	16.320	146	1684838	10.063	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	1616607	9.884	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1599994	9.833	ppbv	98
78) Hexachloro-1,3-Butadiene	22.619	225	512265	4.357	ppbv #	19
79) Naphthalene	21.368	128	1944179	11.879	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	680157	13.915	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1130425	10.308	ppbv #	100

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

Quant Time: Oct 22 02:39:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
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QLast Update : Sat Oct 22 02:12:34 2022
Response via : Initial Calibration

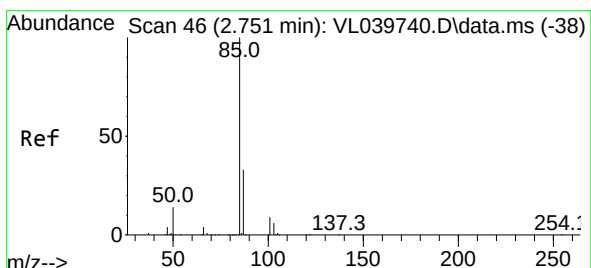
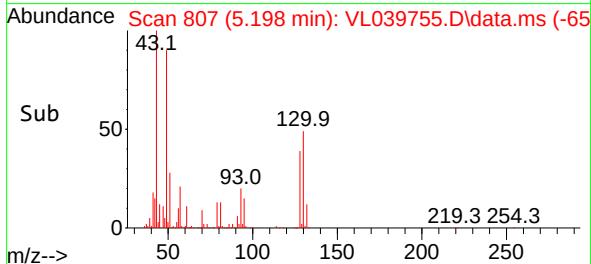
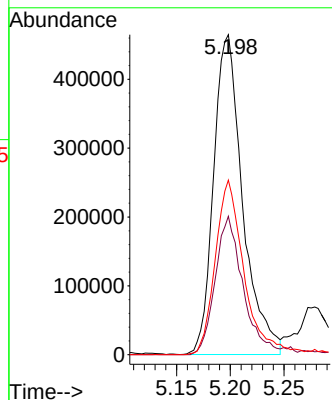
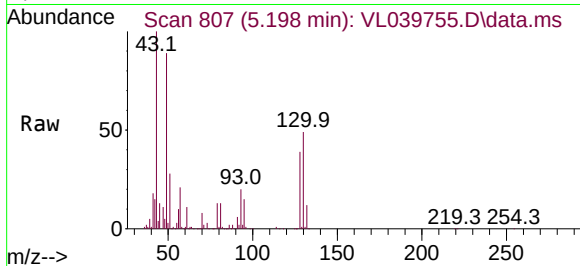




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039755.D
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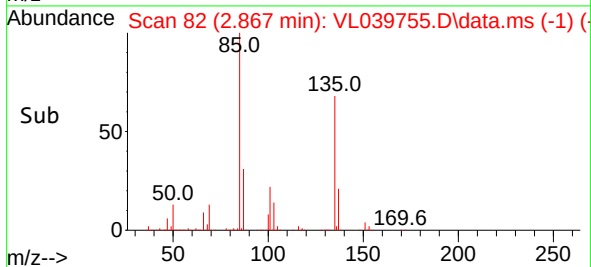
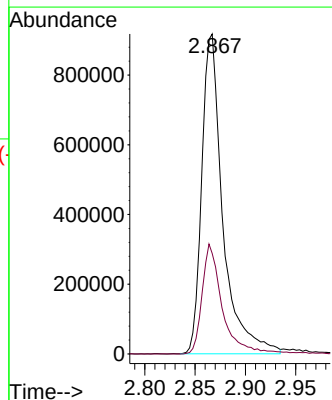
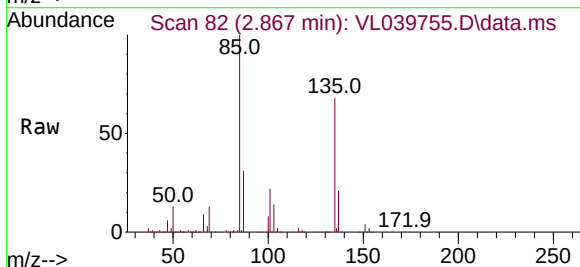
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

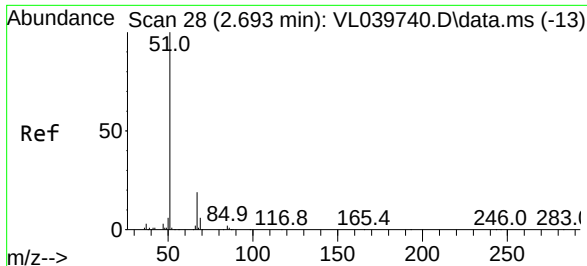
Tgt Ion: 49 Resp: 871582
Ion Ratio Lower Upper
49 100
128 43.7 22.6 67.8
130 55.9 29.0 87.0



#2
Dichlorodifluoromethane
Concen: 9.169 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.116 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 85 Resp: 1338244
Ion Ratio Lower Upper
85 100
87 31.4 26.6 40.0

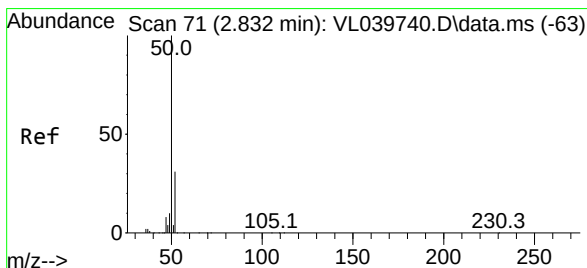
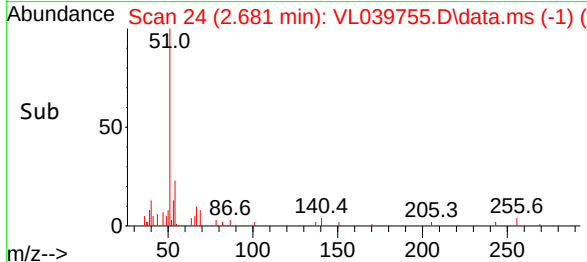
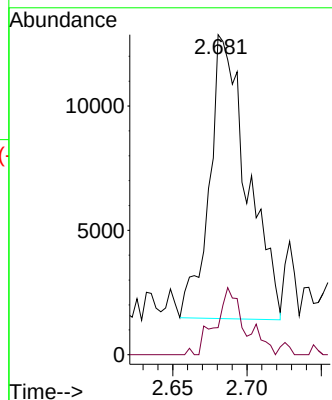
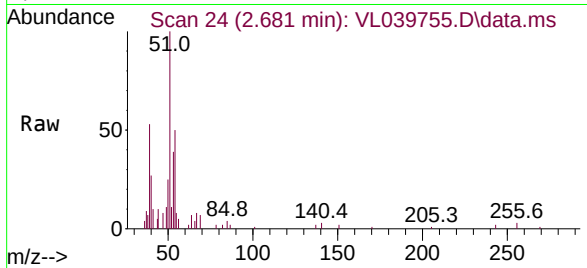




#3
Chlorodifluoromethane
Concen: 0.182 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.013 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

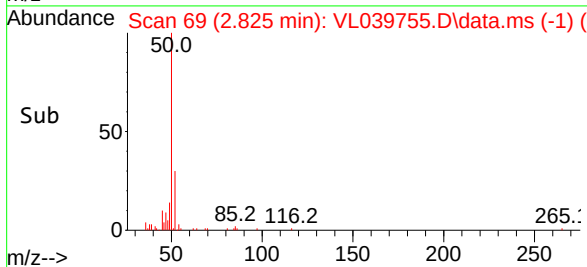
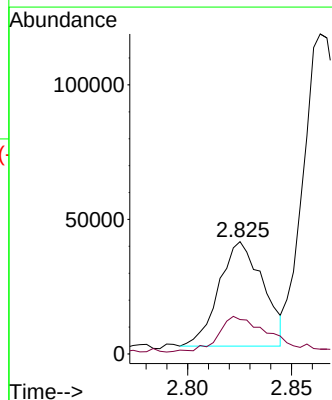
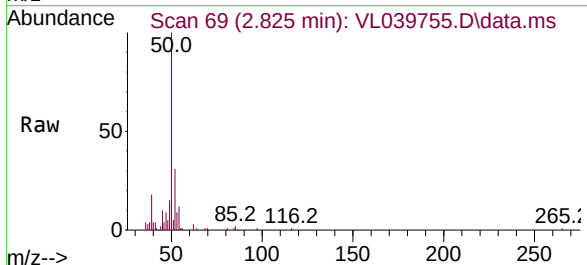
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ClientSampleId :
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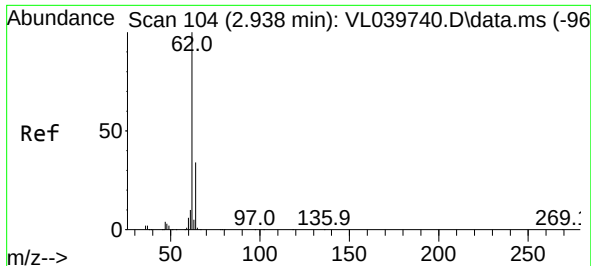
Tgt Ion: 51 Resp: 20171
Ion Ratio Lower Upper
51 100
67 19.4 14.6 21.8



#4
Chloromethane
Concen: 0.826 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 50 Resp: 57409
Ion Ratio Lower Upper
50 100
52 29.2 24.8 37.2

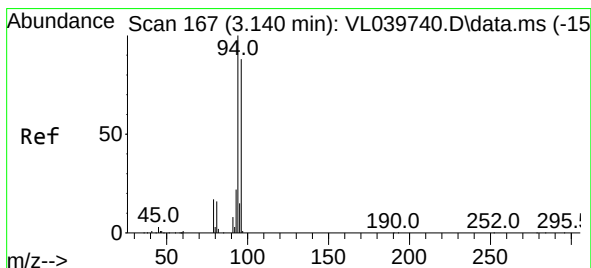
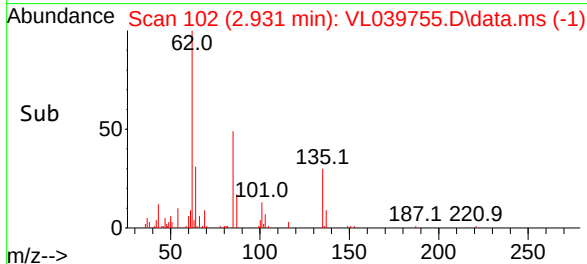
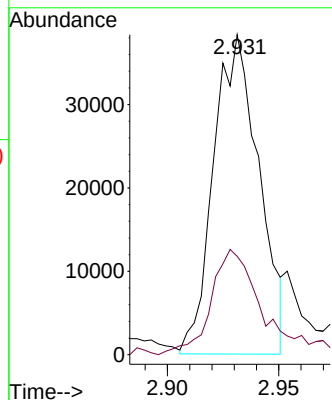
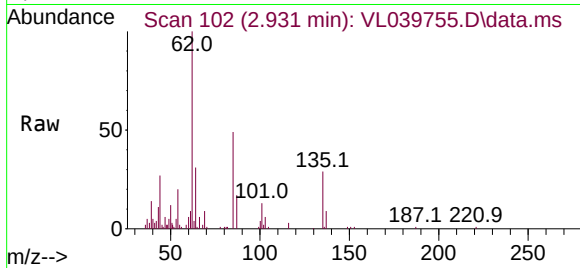




#5
 Vinyl Chloride
 Concen: 0.994 ppbv
 RT: 2.931 min Scan# 104
 Delta R.T. -0.006 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

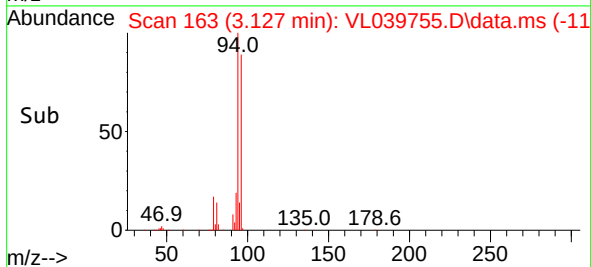
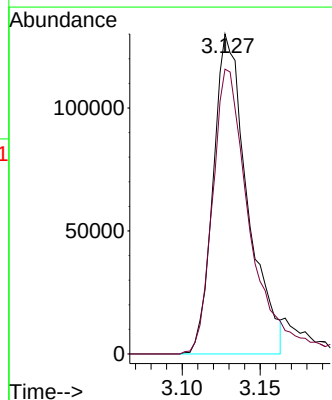
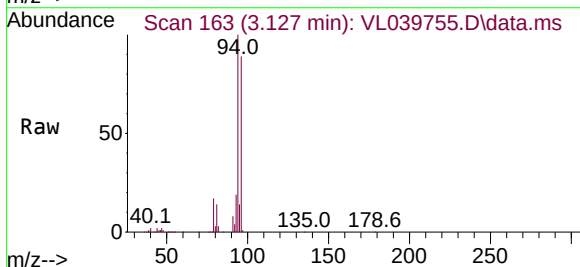
Instrument :
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 VL1021ABS02

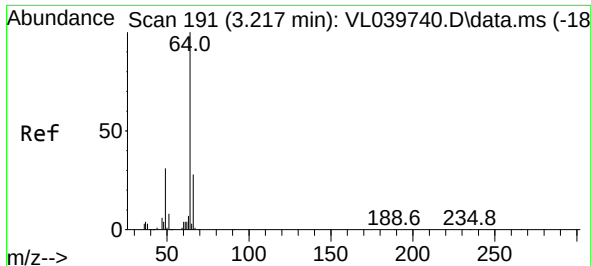
Tgt Ion: 62 Resp: 54223
 Ion Ratio Lower Upper
 62 100
 64 29.3 27.1 40.7



#6
 Bromomethane
 Concen: 9.839 ppbv
 RT: 3.127 min Scan# 163
 Delta R.T. -0.013 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Tgt Ion: 94 Resp: 198752
 Ion Ratio Lower Upper
 94 100
 96 89.0 70.5 105.7

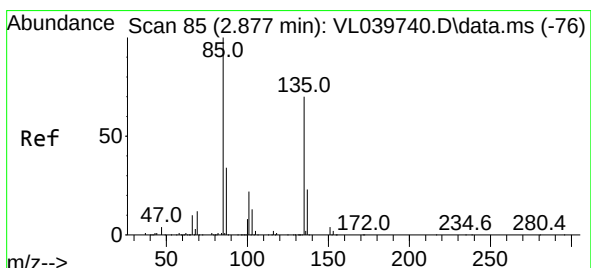
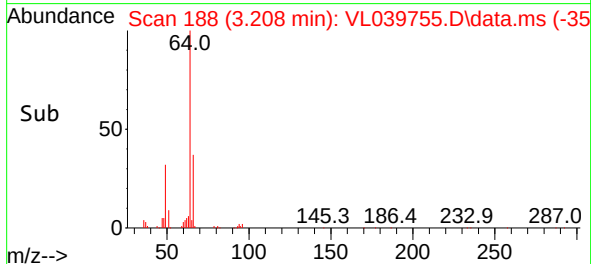
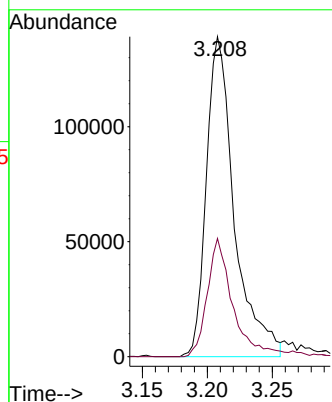
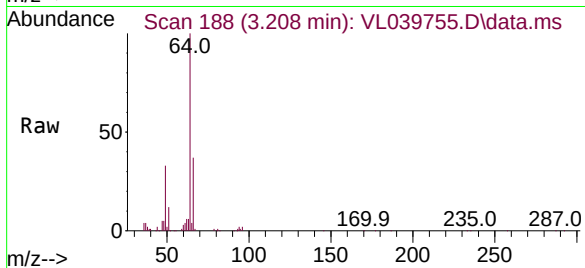




#7
Chloroethane
Concen: 10.284 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

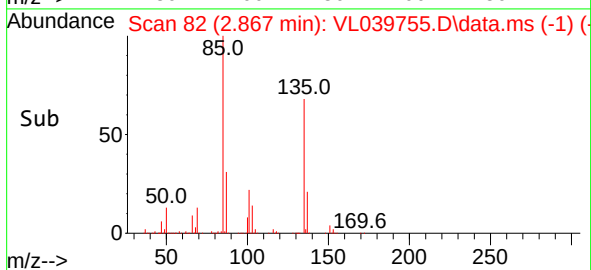
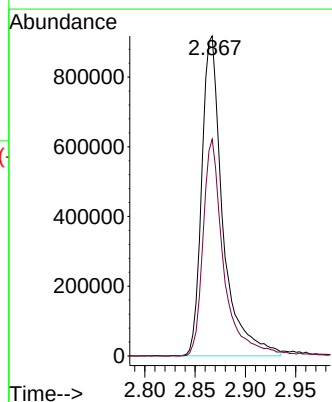
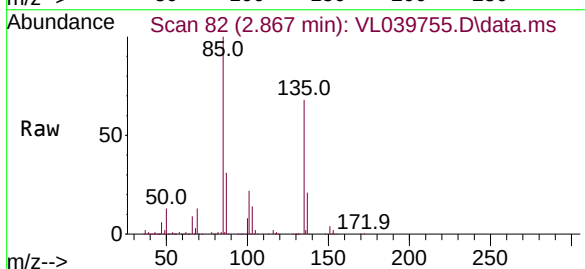
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ClientSampleId :
VL1021ABS02

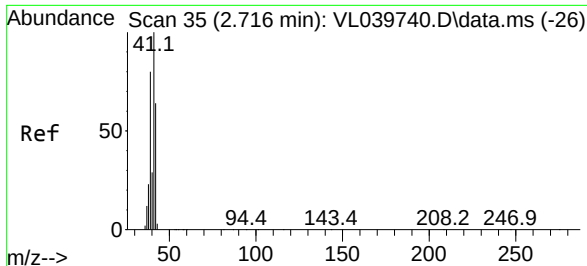
Tgt Ion: 64 Resp: 207894
Ion Ratio Lower Upper
64 100
66 37.0 22.6 34.0#



#8
Dichlorotetrafluoroethane
Concen: 9.883 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 85 Resp: 1338244
Ion Ratio Lower Upper
85 100
135 67.6 56.1 84.1





#9

Propene

Concen: 0.159 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.016 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

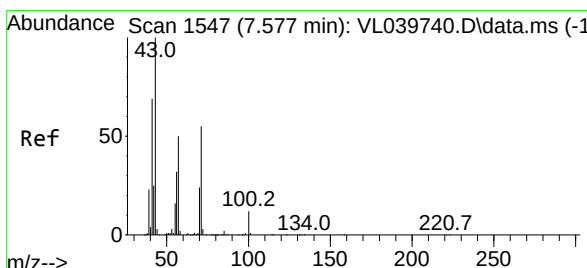
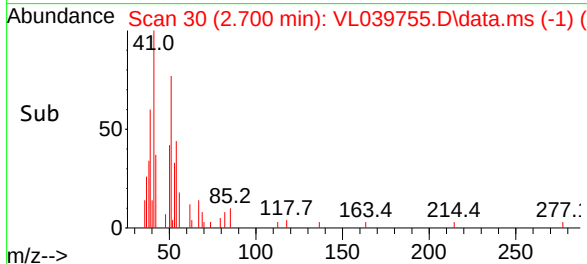
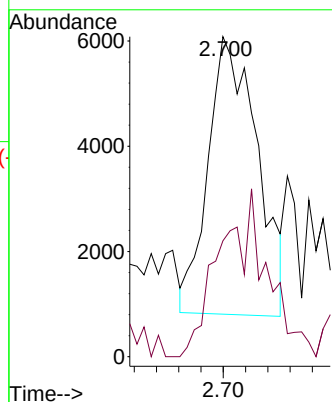
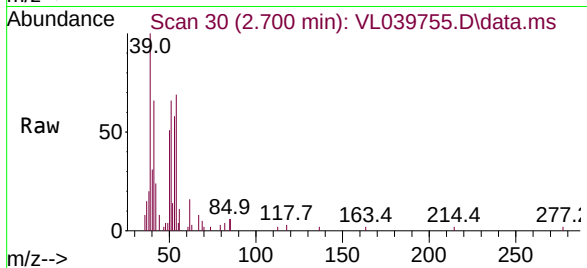
VL1021ABS02

Tgt Ion: 41 Resp: 8072

Ion Ratio Lower Upper

41 100

42 57.8 54.4 81.6



#10

Heptane

Concen: 11.175 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VL039755.D

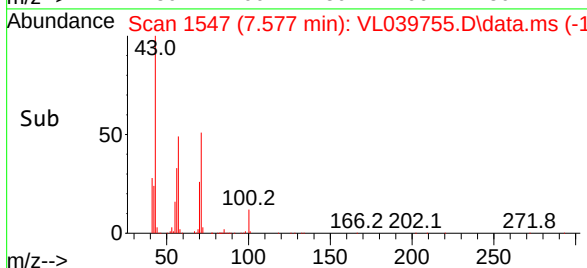
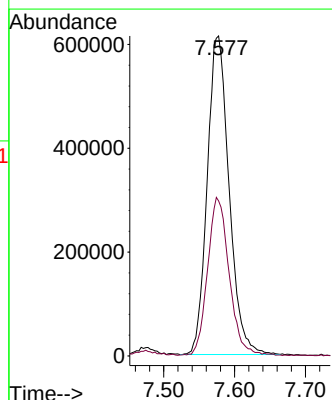
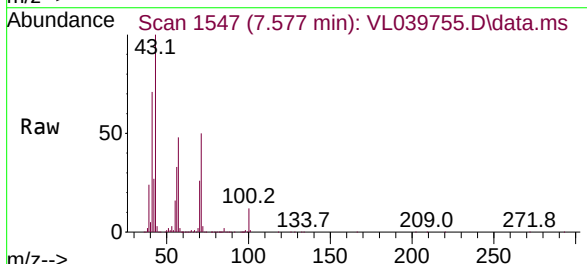
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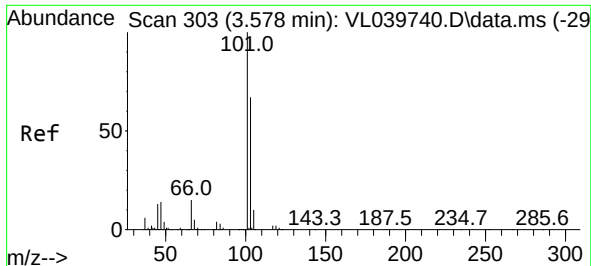
Tgt Ion: 43 Resp: 1314916

Ion Ratio Lower Upper

43 100

57 48.9 40.0 60.0

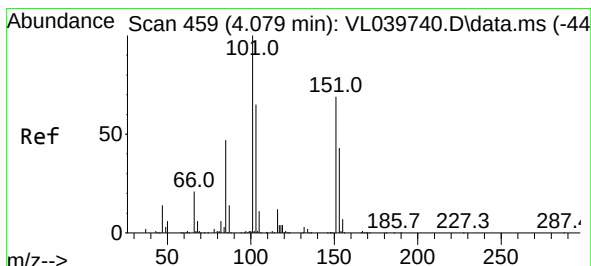
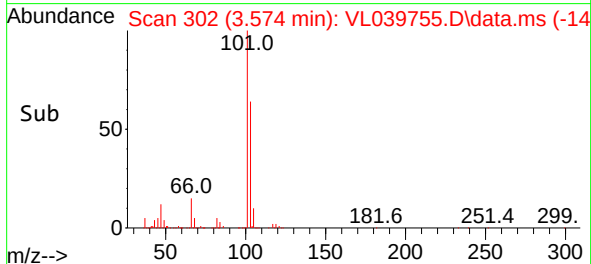
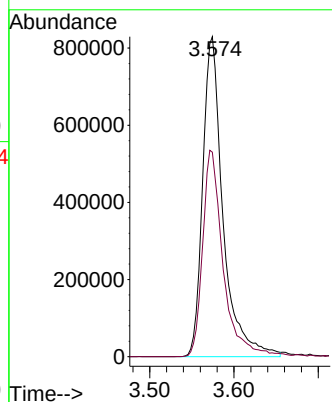
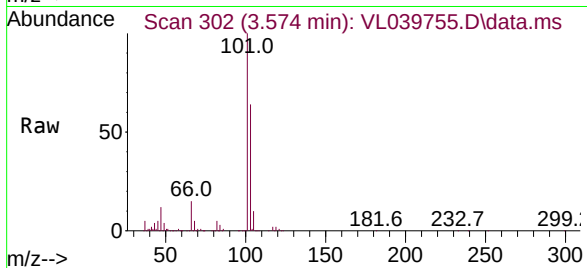




#11
 Trichlorofluoromethane
 Concen: 10.246 ppbv
 RT: 3.574 min Scan# 303
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

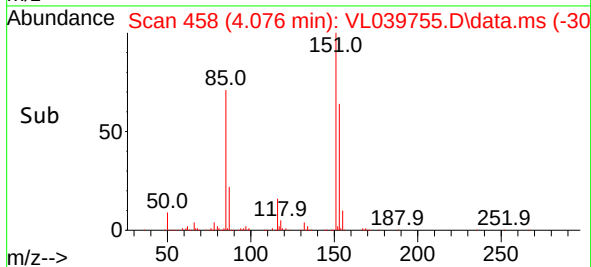
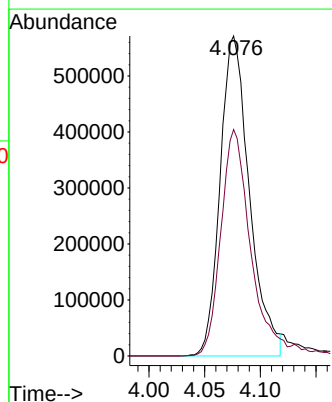
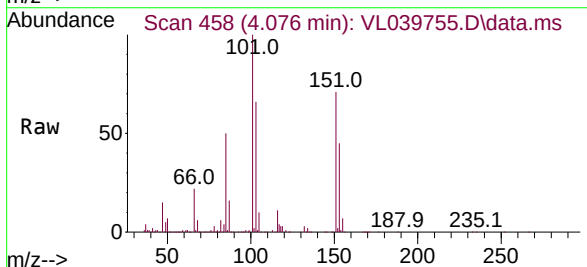
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

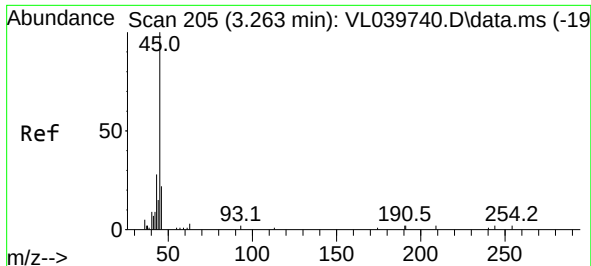
Tgt Ion:101 Resp: 1392020
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.577 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Tgt Ion:101 Resp: 1046651
 Ion Ratio Lower Upper
 101 100
 151 74.4 58.0 87.0

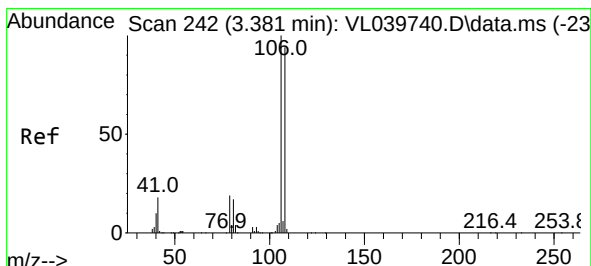
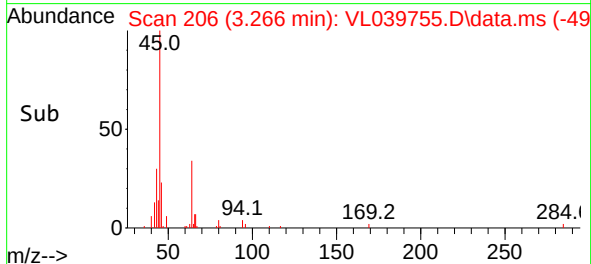
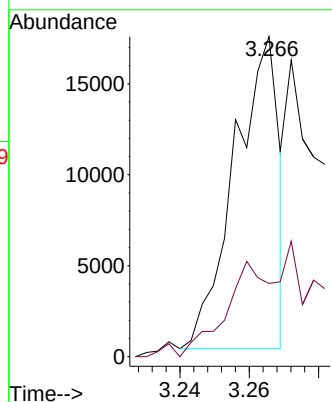
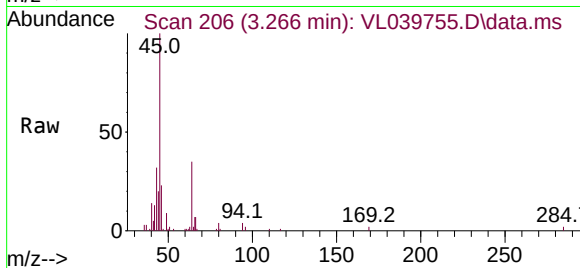




#13
Ethanol
Concen: 4.429 ppbv
RT: 3.266 min Scan# 205
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

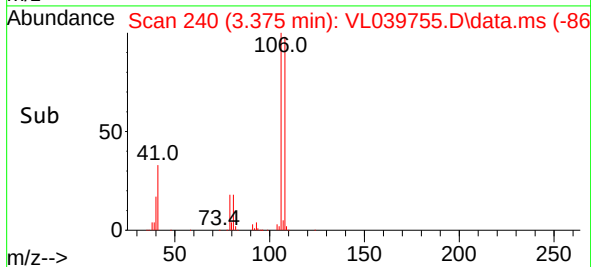
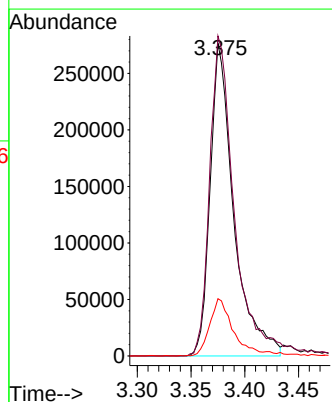
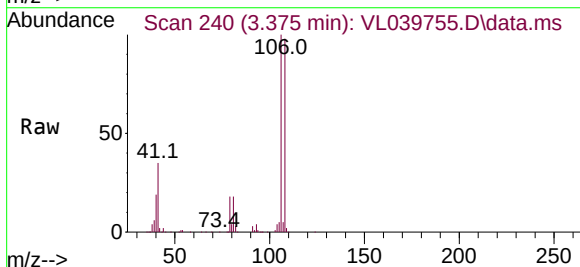
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

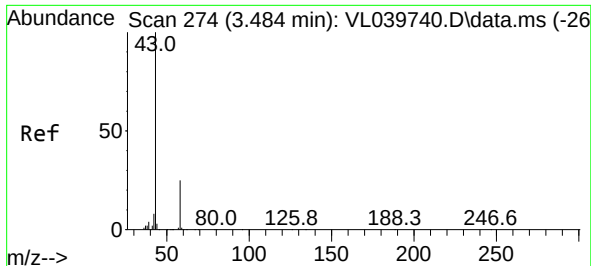
Tgt Ion: 45 Resp: 15302
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2#



#14
Bromoethene
Concen: 10.151 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 108 Resp: 422593
Ion Ratio Lower Upper
108 100
106 110.4 90.2 135.4
79 19.8 16.2 24.2

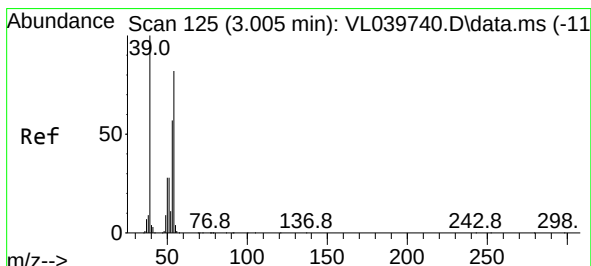
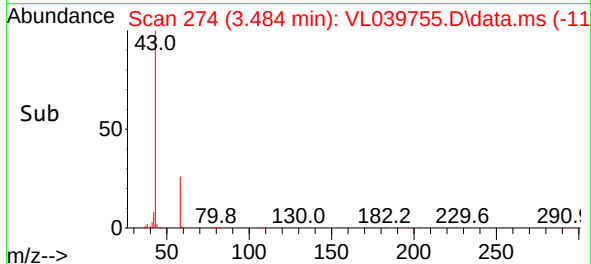
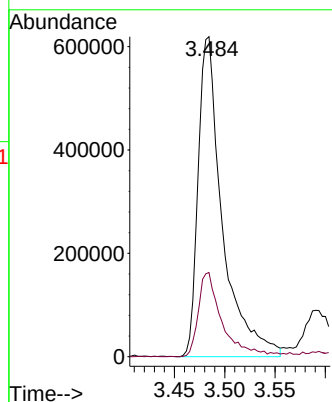
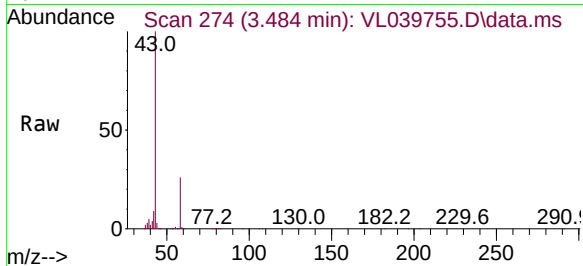




#15
Acetone
Concen: 9.859 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

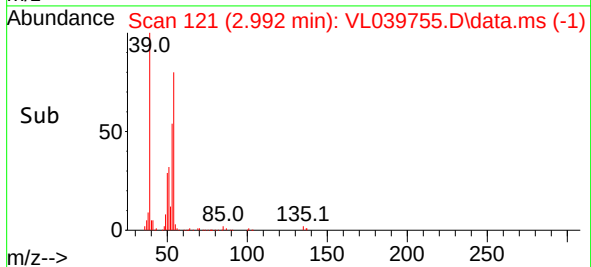
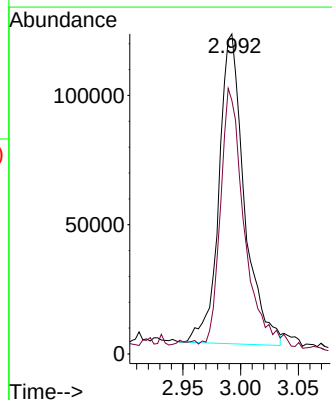
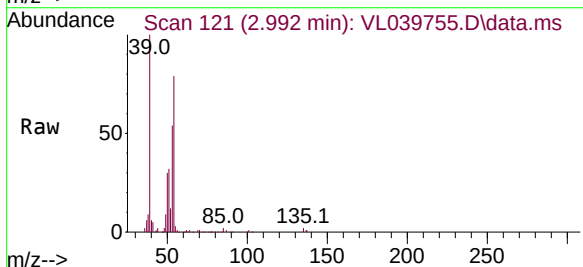
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

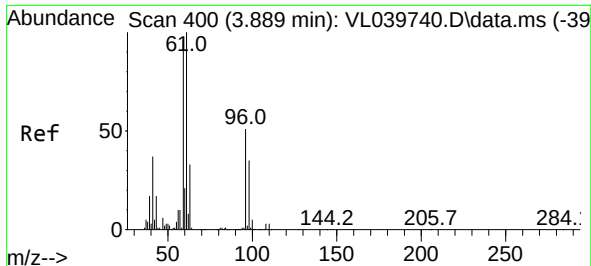
Tgt Ion: 43 Resp: 1037450
Ion Ratio Lower Upper
43 100
58 26.5 20.9 31.3



#16
1,3-Butadiene
Concen: 3.475 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.013 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 39 Resp: 183554
Ion Ratio Lower Upper
39 100
54 89.7 65.2 97.8





#17

tert-Butyl alcohol

Concen: 10.690 ppbv

RT: 3.889 min Scan# 400

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

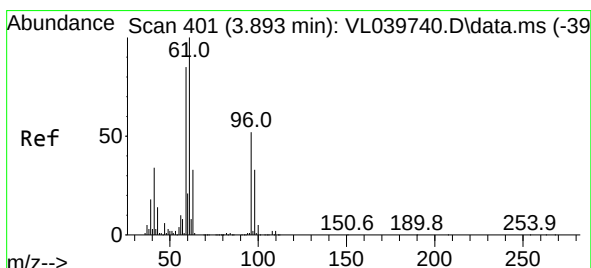
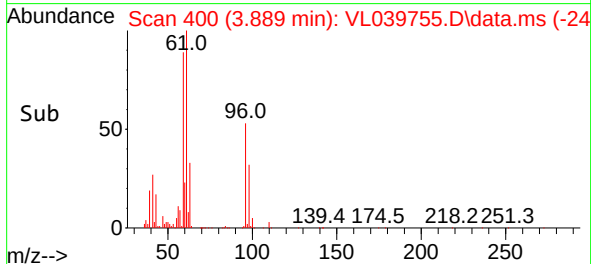
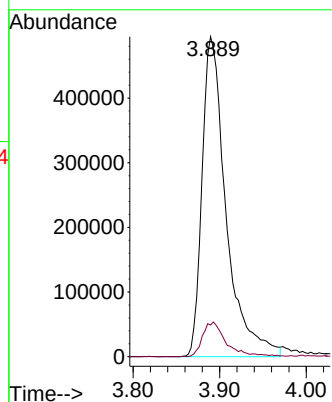
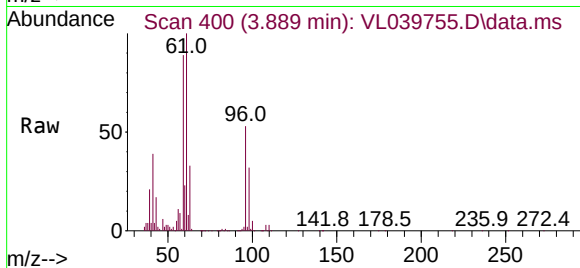
VL1021ABS02

Tgt Ion: 59 Resp: 955736

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#18

1,1-Dichloroethene

Concen: 10.127 ppbv

RT: 3.889 min Scan# 400

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

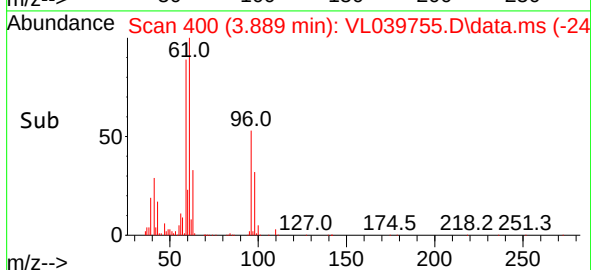
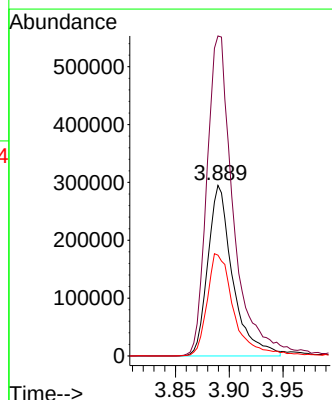
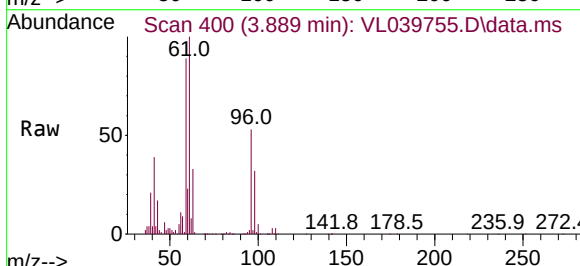
Tgt Ion: 96 Resp: 474914

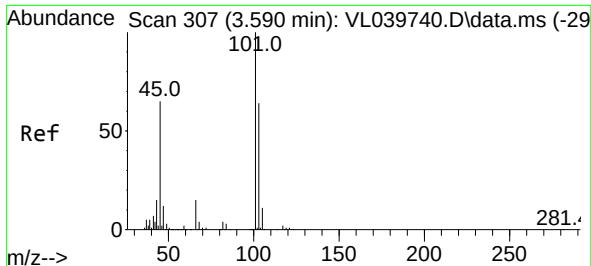
Ion Ratio Lower Upper

96 100

61 187.5 152.7 229.1

98 59.1 50.2 75.2

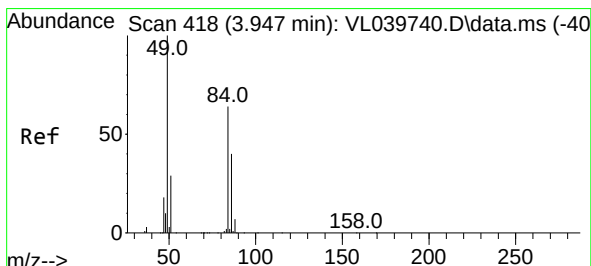
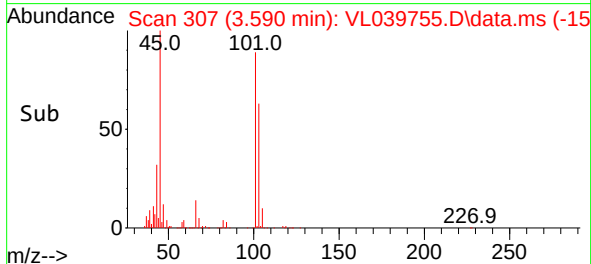
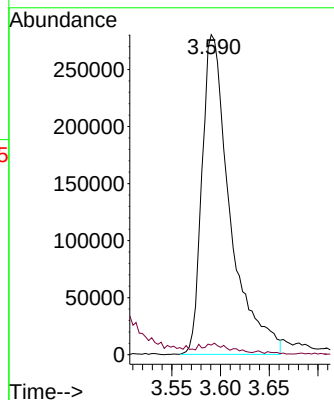
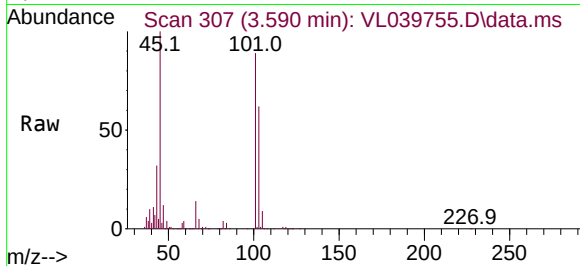




#19
Isopropyl Alcohol
Concen: 10.913 ppbv
RT: 3.590 min Scan# 307
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

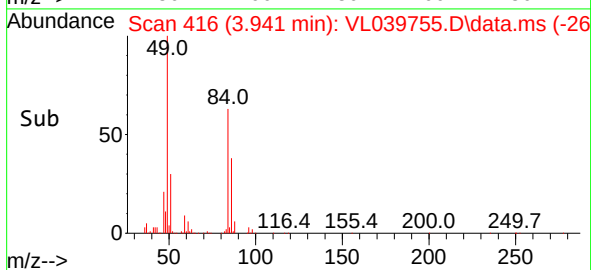
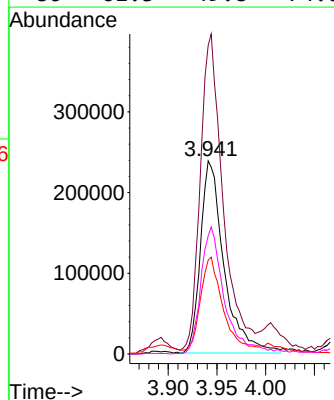
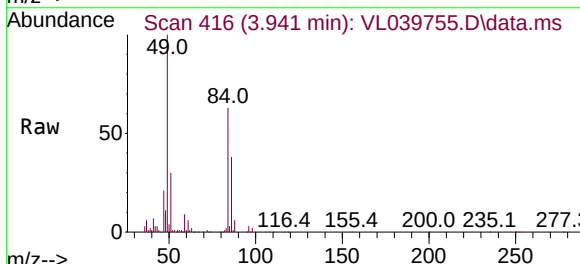
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

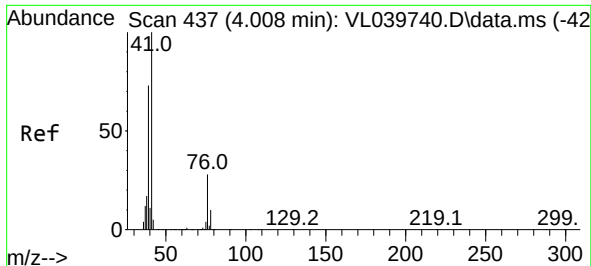
Tgt Ion: 45 Resp: 560848
Ion Ratio Lower Upper
45 100
58 3.8 3.3 4.9



#20
Methylene Chloride
Concen: 9.476 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 84 Resp: 400934
Ion Ratio Lower Upper
84 100
49 158.6 124.2 186.4
51 46.7 36.6 54.8
86 61.3 49.8 74.8





#21

Allyl Chloride

Concen: 10.633 ppbv

RT: 4.008 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

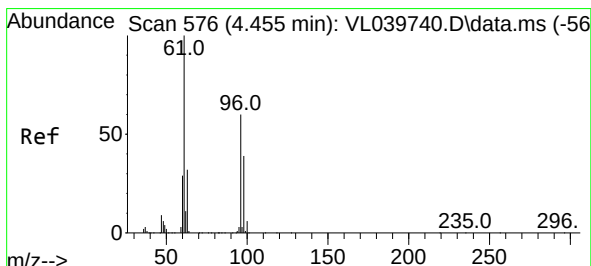
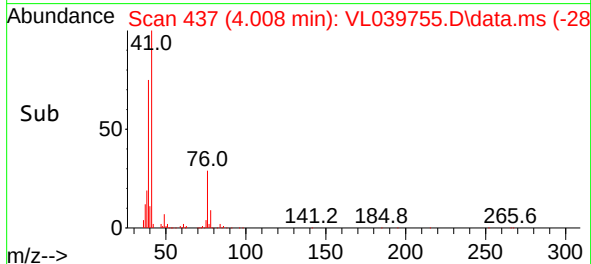
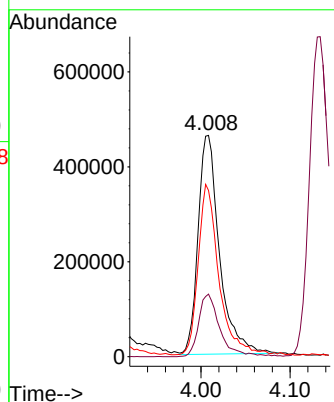
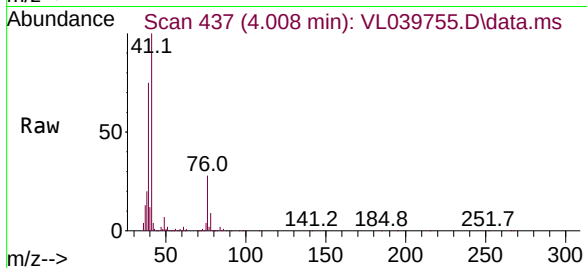
MSVOA_L

ClientSampleId :

VL1021ABS02

Tgt Ion: 41 Resp: 772317

Ion	Ratio	Lower	Upper
41	100		
76	28.4	23.5	35.3
39	79.3	67.4	101.2



#22

trans-1,2-Dichloroethene

Concen: 10.268 ppbv

RT: 4.452 min Scan# 575

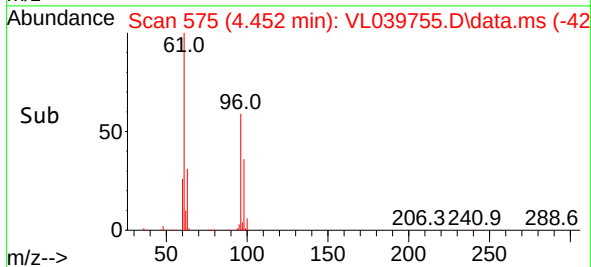
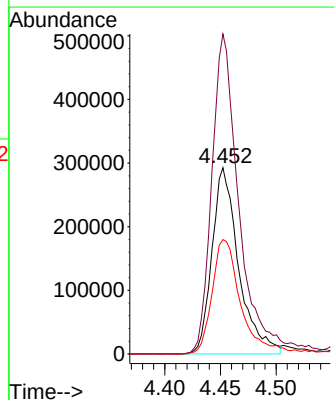
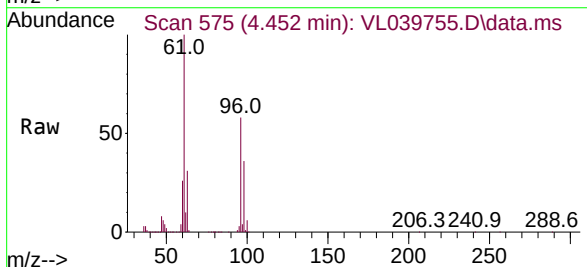
Delta R.T. -0.003 min

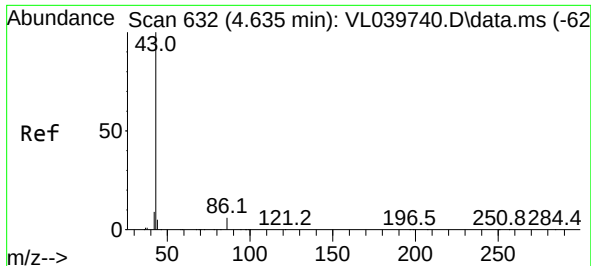
Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Tgt Ion: 96 Resp: 488916

Ion	Ratio	Lower	Upper
96	100		
61	171.9	132.9	199.3
98	61.4	51.6	77.4

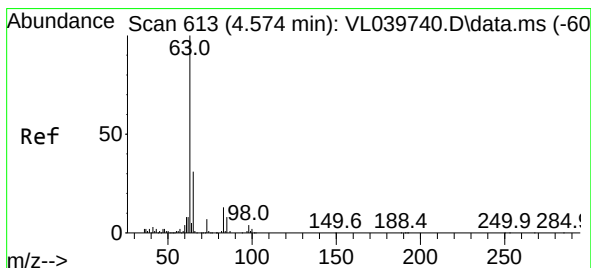
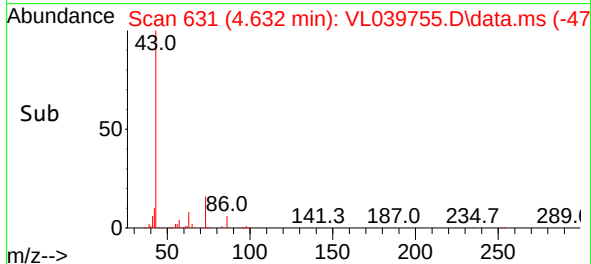
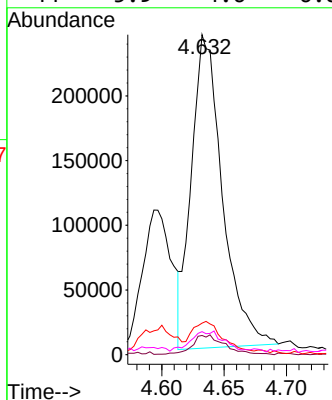
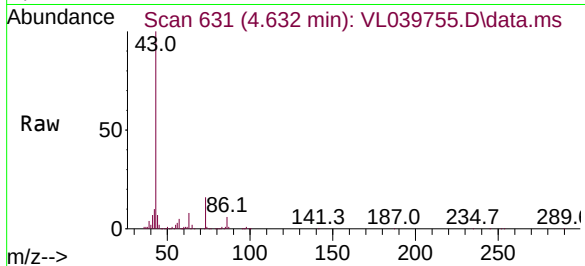




#23
 Vinyl Acetate
 Concen: 9.435 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

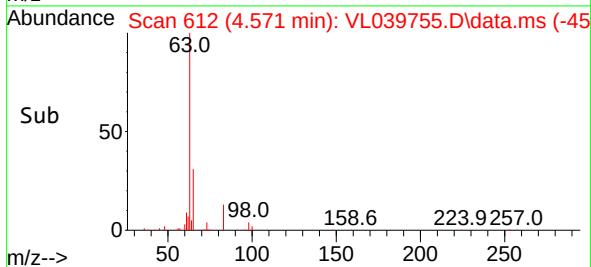
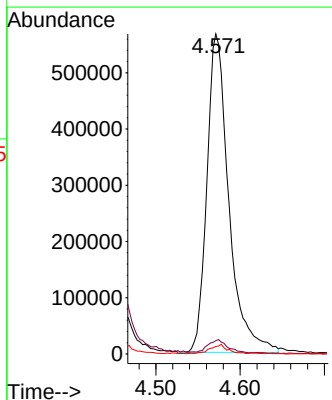
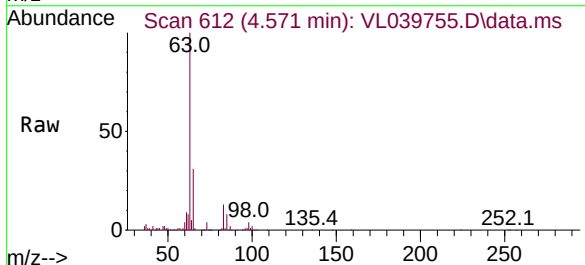
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1021ABS02

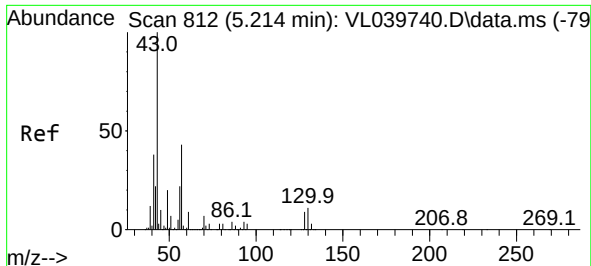
Tgt Ion:	43	Resp:	418950
Ion	Ratio	Lower	Upper
43	100		
86	5.7	4.3	6.5
42	9.4	7.9	11.9
44	5.9	4.6	6.8



#24
 1,1-Dichloroethane
 Concen: 10.124 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Tgt Ion:	63	Resp:	1024977
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.5
100	2.3	1.2	3.6



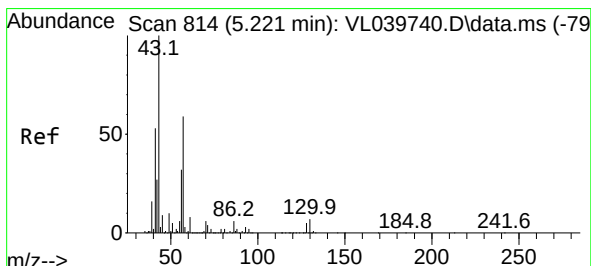
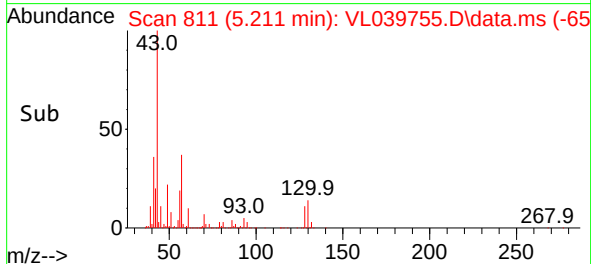
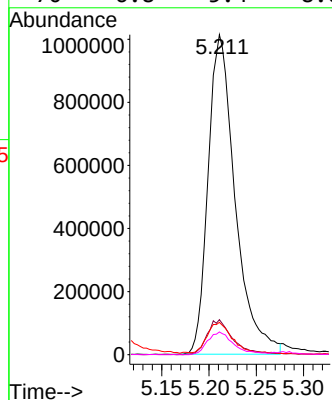
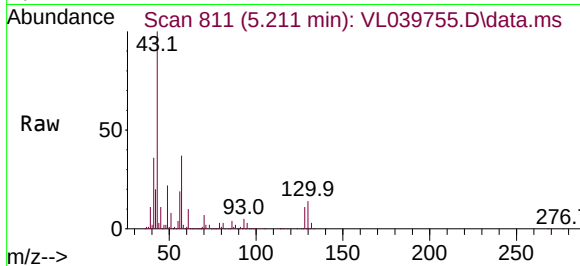


#25
Ethyl Acetate
Concen: 9.568 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

Tgt Ion: 43 Resp: 2017372

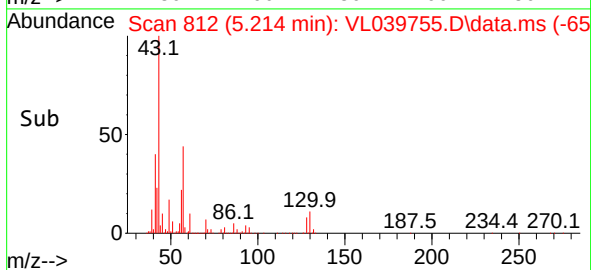
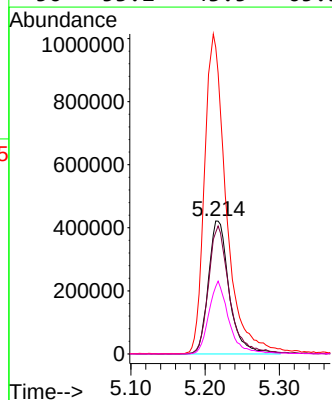
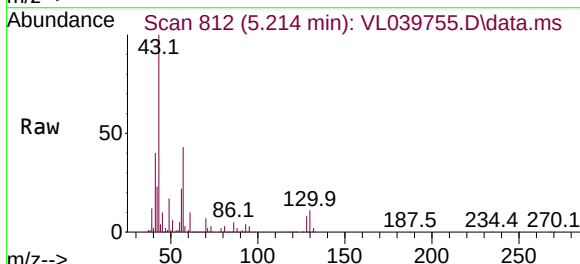
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.1	12.1
61	10.0	7.5	11.3
70	6.8	5.4	8.0

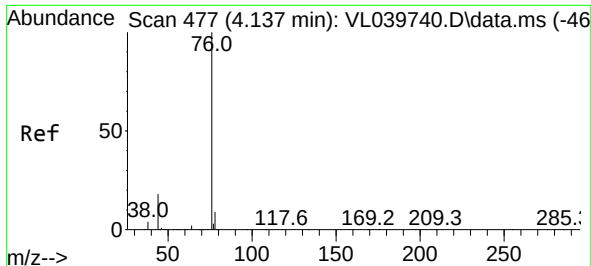


#26
Hexane
Concen: 9.555 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 57 Resp: 820456

Ion	Ratio	Lower	Upper
57	100		
41	97.6	76.8	115.2
43	255.1	201.0	301.4
56	53.2	43.5	65.3

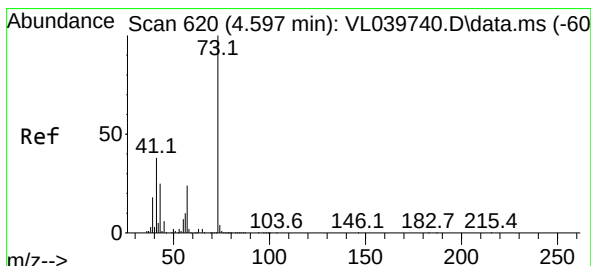
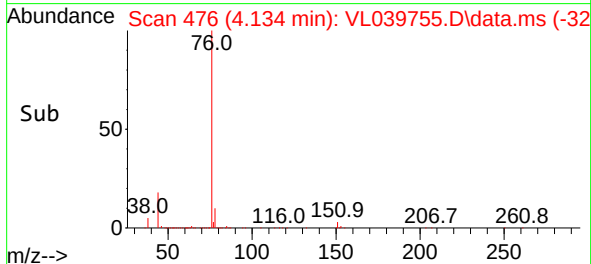
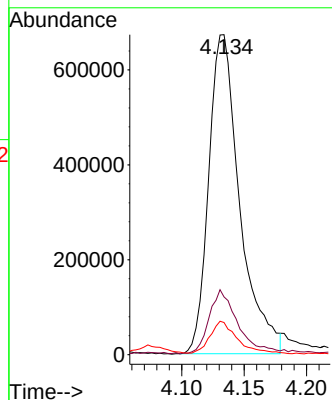
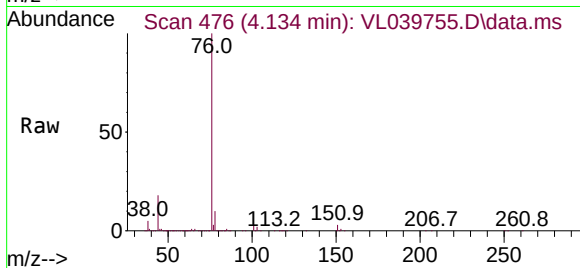




#27
Carbon Disulfide
Concen: 10.864 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

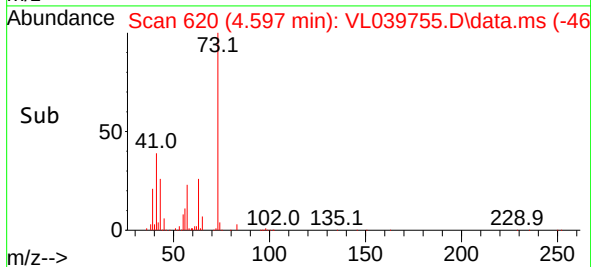
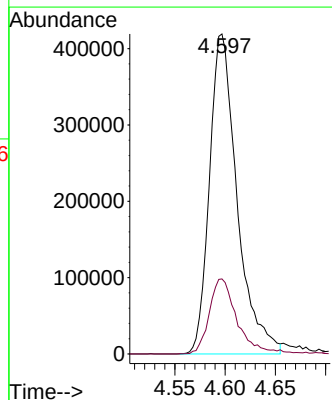
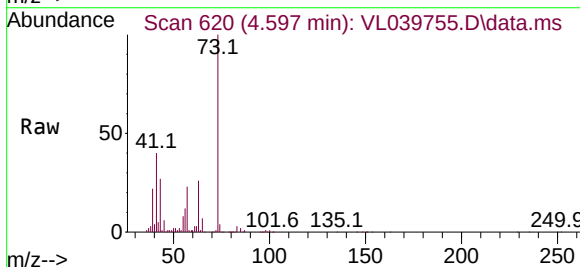
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

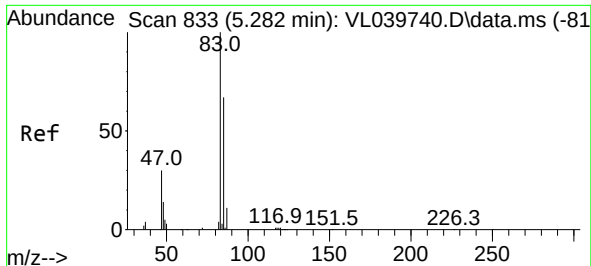
Tgt Ion: 76 Resp: 1168135
Ion Ratio Lower Upper
76 100
44 19.5 14.5 21.7
78 9.8 8.1 12.1



#28
Methyl tert-Butyl Ether
Concen: 9.833 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 73 Resp: 800691
Ion Ratio Lower Upper
73 100
57 24.2 19.4 29.2





#29

Chloroform

Concen: 8.585 ppbv

RT: 5.278 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

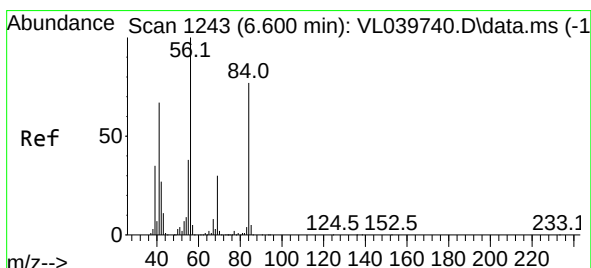
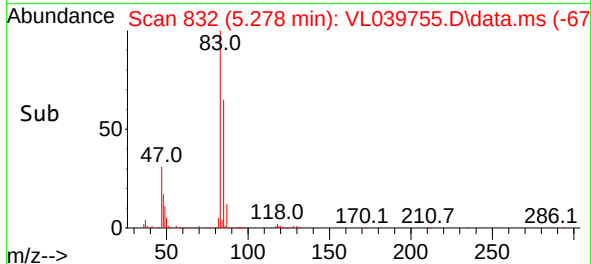
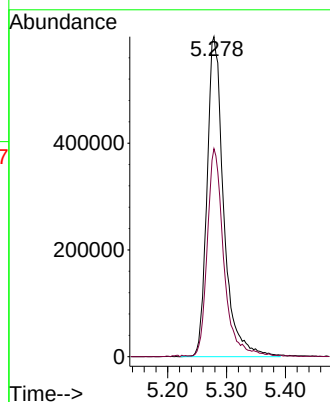
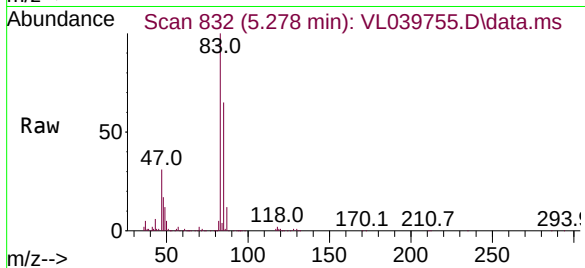
VL1021ABS02

Tgt Ion: 83 Resp: 1181677

Ion Ratio Lower Upper

83 100

85 65.0 53.5 80.3



#30

Cyclohexane

Concen: 10.981 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

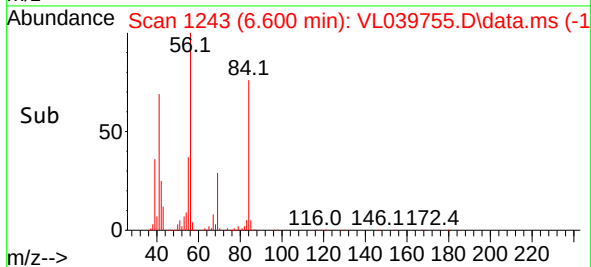
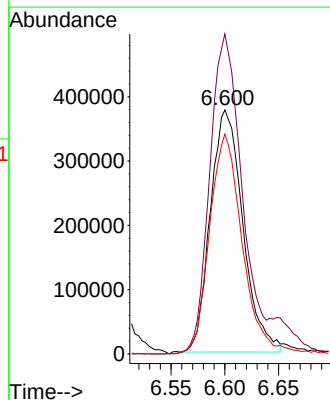
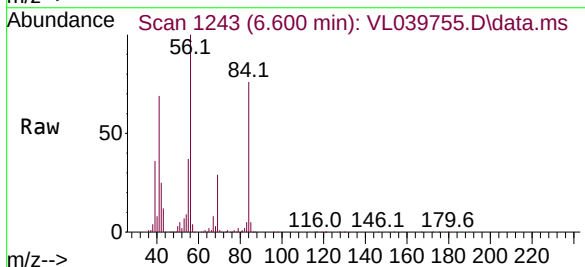
Tgt Ion: 84 Resp: 792693

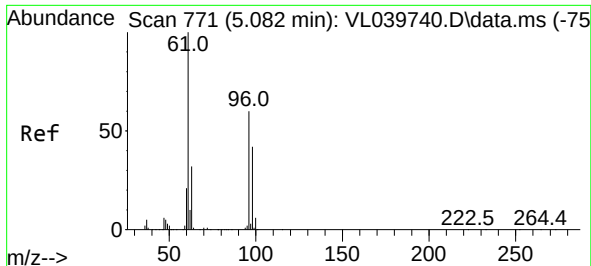
Ion Ratio Lower Upper

84 100

56 142.3 114.2 171.4

41 91.9 74.2 111.2

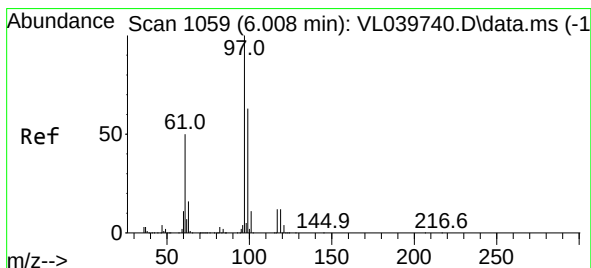
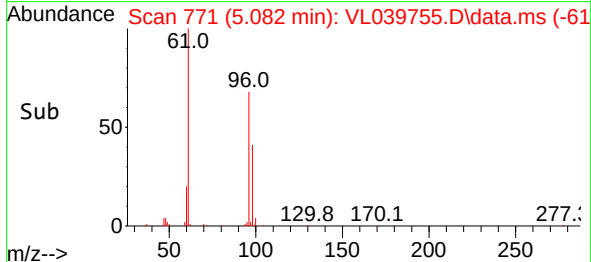
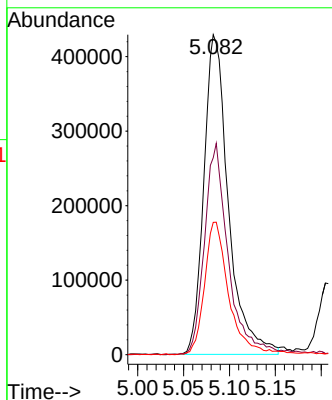
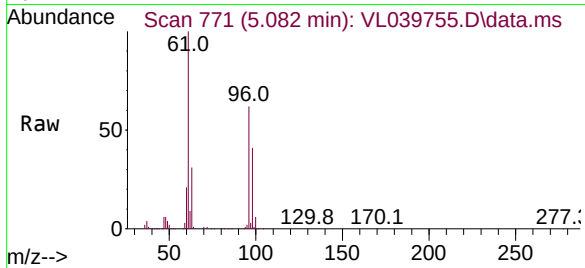




#31
 cis-1,2-Dichloroethene
 Concen: 10.364 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

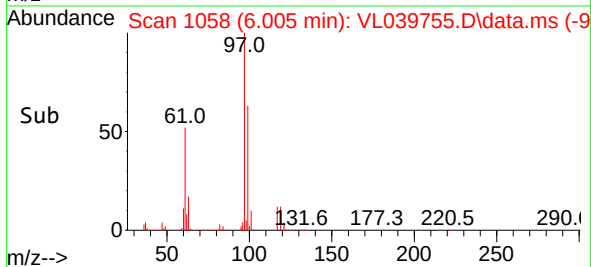
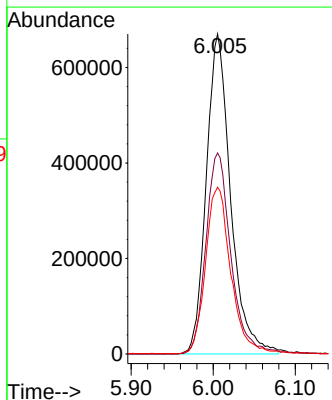
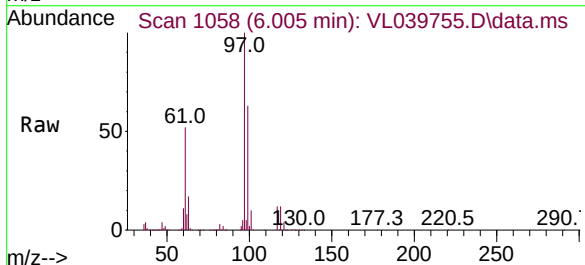
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

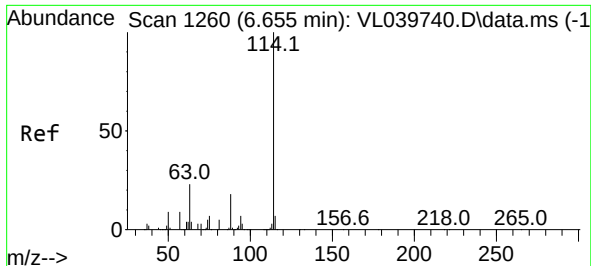
Tgt Ion: 61 Resp: 798045
 Ion Ratio Lower Upper
 61 100
 96 61.6 48.3 72.5
 98 41.2 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 11.577 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Tgt Ion: 97 Resp: 1382174
 Ion Ratio Lower Upper
 97 100
 99 65.2 53.0 79.4
 61 54.4 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

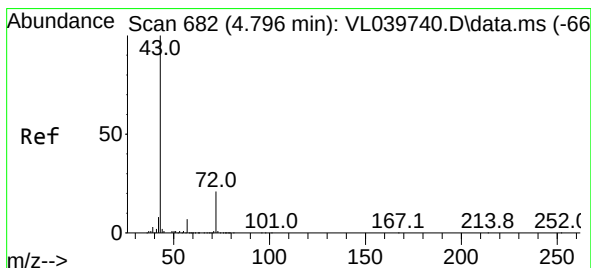
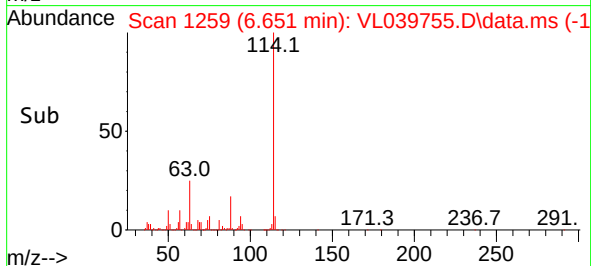
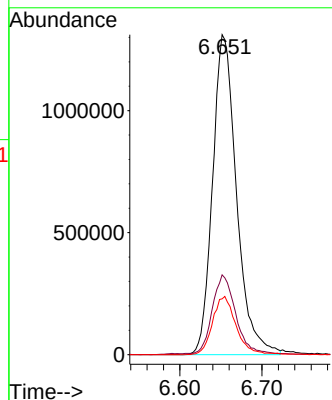
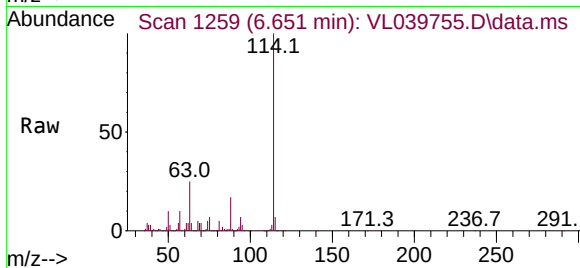
Tgt Ion:114 Resp: 2659394

Ion Ratio Lower Upper

114 100

63 25.3 19.8 29.6

88 18.1 14.2 21.4



#34

2-Butanone

Concen: 9.577 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.003 min

Lab File: VL039755.D

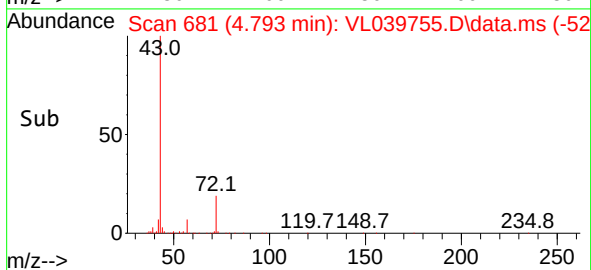
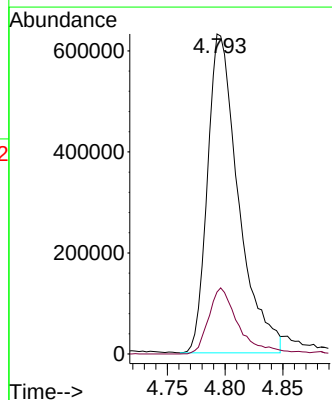
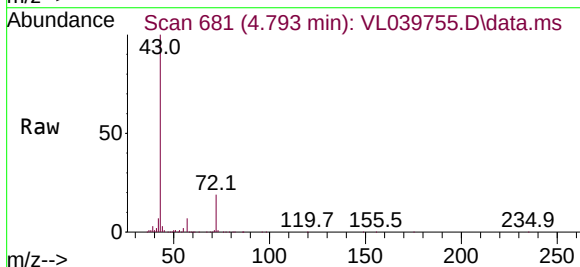
Acq: 21 Oct 2022 22:40

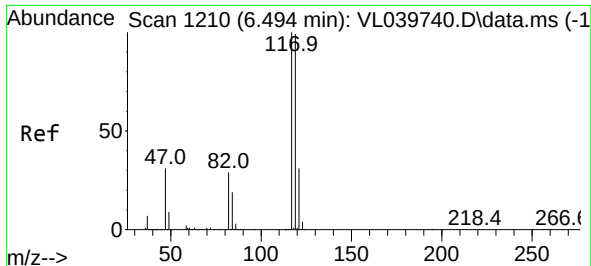
Tgt Ion: 43 Resp: 1174833

Ion Ratio Lower Upper

43 100

72 20.9 17.1 25.7

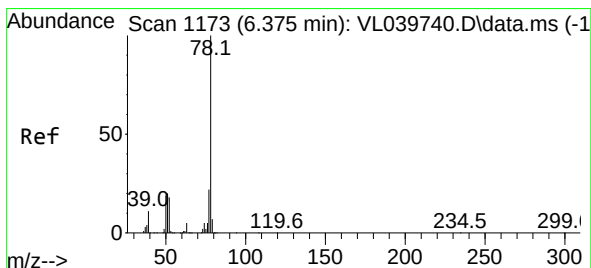
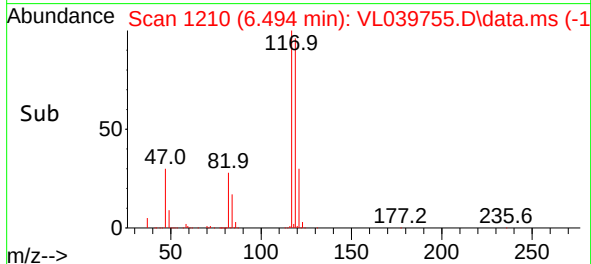
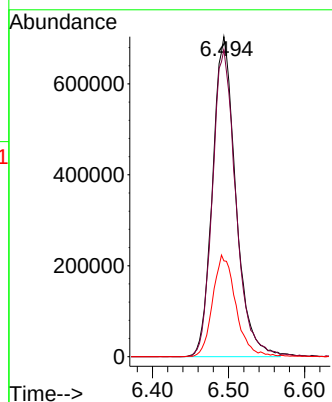
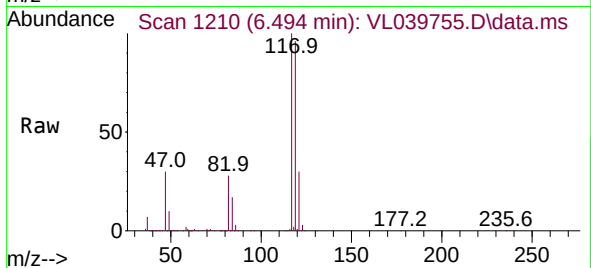




#35
Carbon Tetrachloride
Concen: 10.840 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

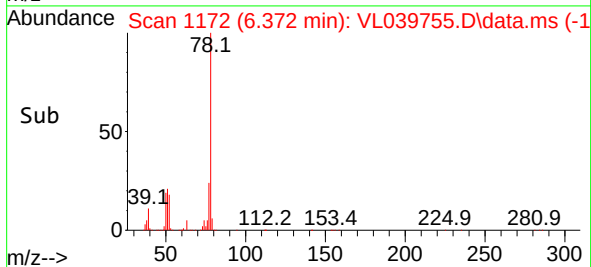
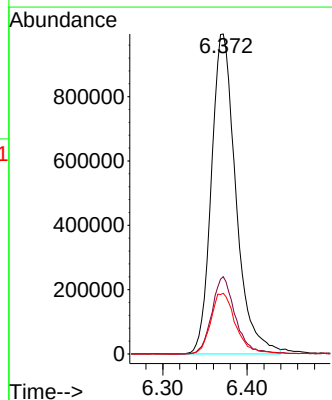
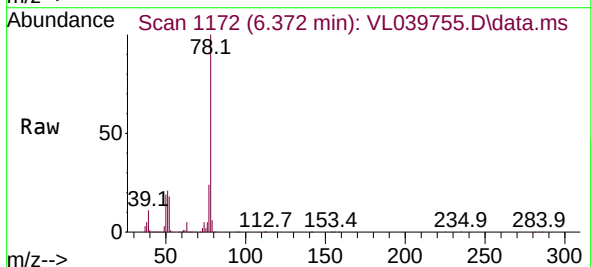
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

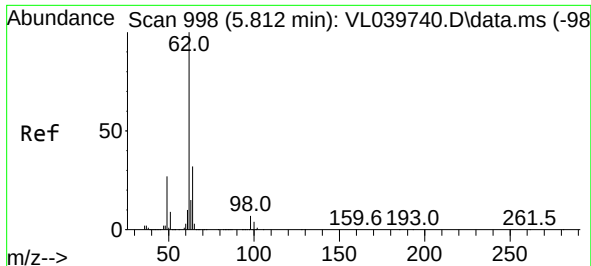
Tgt Ion:117 Resp: 1494041
Ion Ratio Lower Upper
117 100
119 96.0 79.2 118.8
121 30.0 25.0 37.6



#36
Benzene
Concen: 10.005 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 78 Resp: 2007959
Ion Ratio Lower Upper
78 100
77 24.1 17.3 25.9
50 18.9 14.9 22.3





#37

1,2-Dichloroethane

Concen: 10.001 ppbv

RT: 5.809 min Scan# 99

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

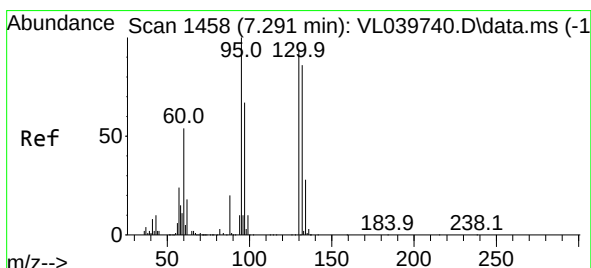
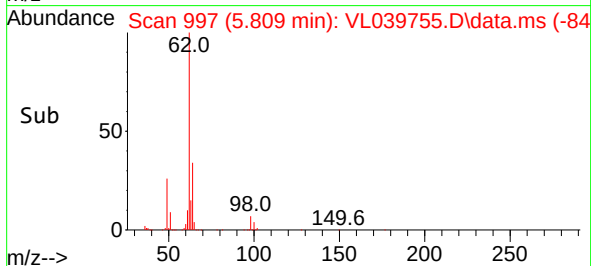
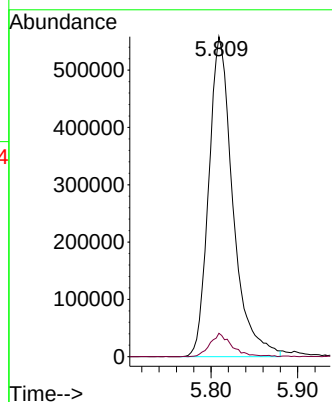
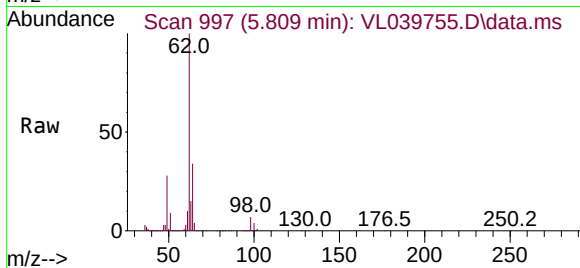
VL1021ABS02

Tgt Ion: 62 Resp: 1081234

Ion Ratio Lower Upper

62 100

98 6.8 5.4 8.0



#38

Trichloroethene

Concen: 11.053 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Tgt Ion:130 Resp: 1189876

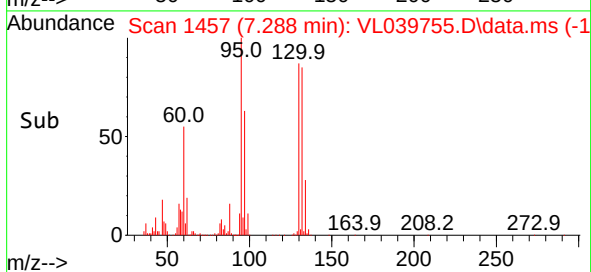
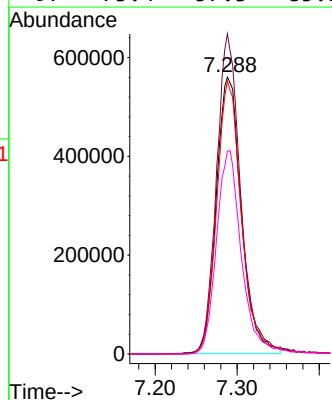
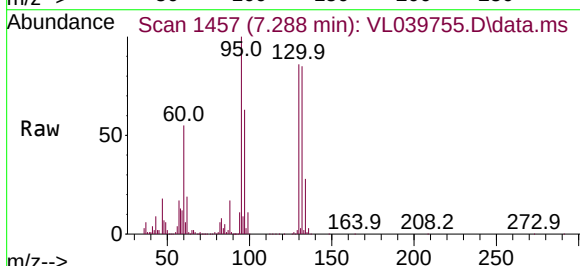
Ion Ratio Lower Upper

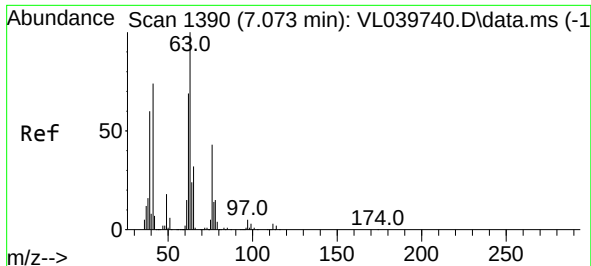
130 100

95 115.7 85.4 128.2

132 98.7 73.0 109.6

97 73.4 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.927 ppbv

RT: 7.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

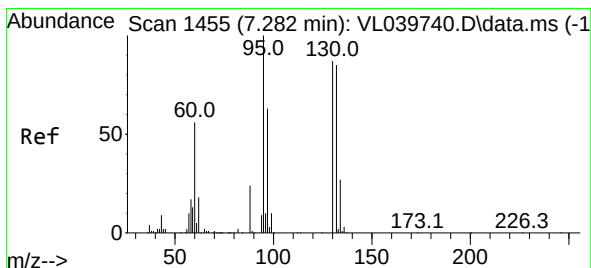
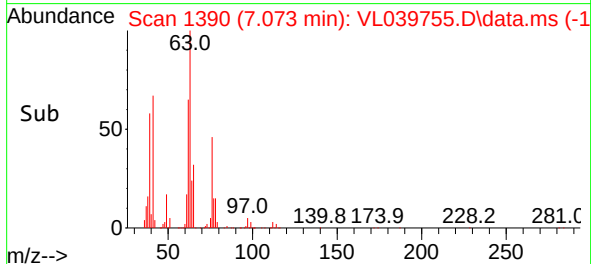
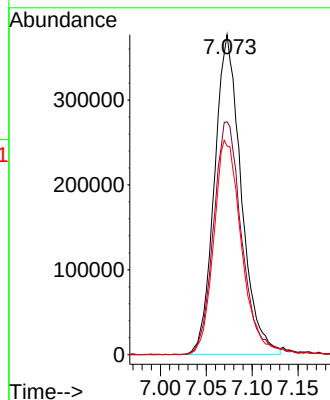
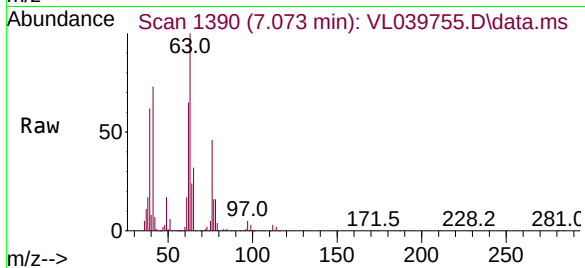
Tgt Ion: 63 Resp: 764266

Ion Ratio Lower Upper

63 100

41 72.9 59.5 89.3

62 65.2 55.2 82.8



#40

1,4-Dioxane

Concen: 8.639 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Tgt Ion: 88 Resp: 254771

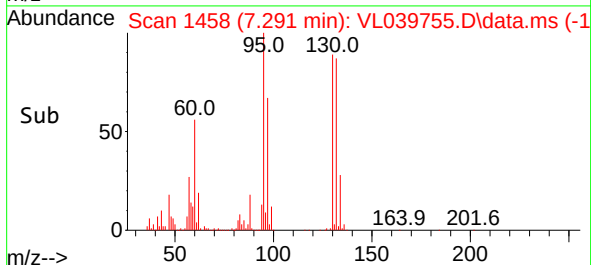
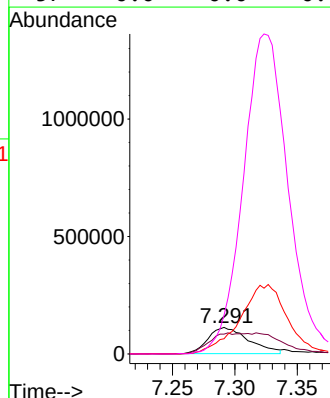
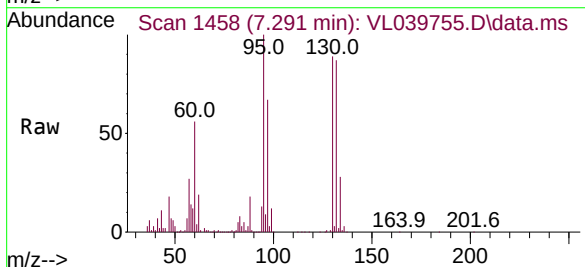
Ion Ratio Lower Upper

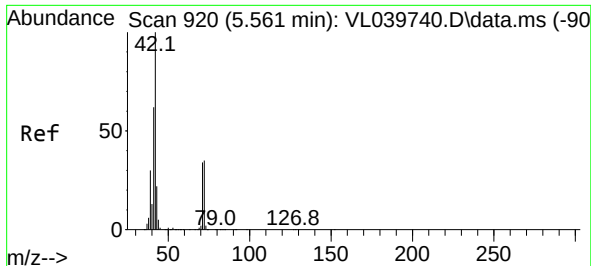
88 100

58 143.3 101.6 152.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0

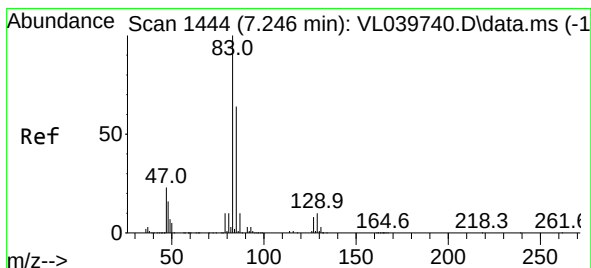
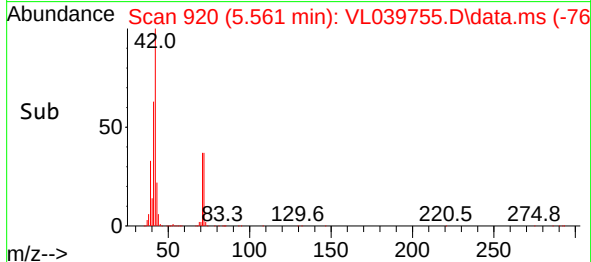
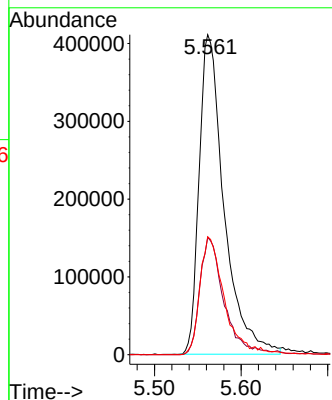
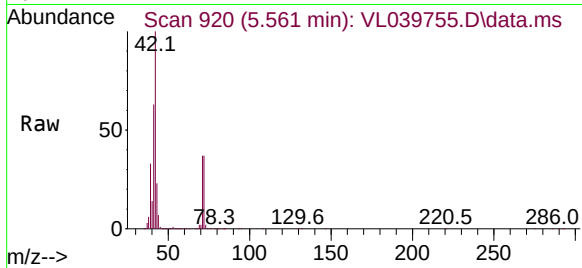




#41
Tetrahydrofuran
Concen: 10.418 ppbv
RT: 5.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

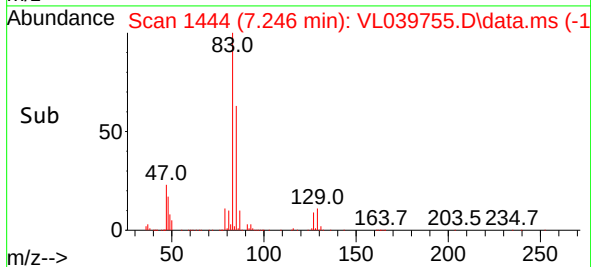
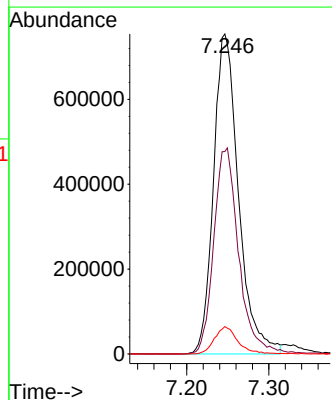
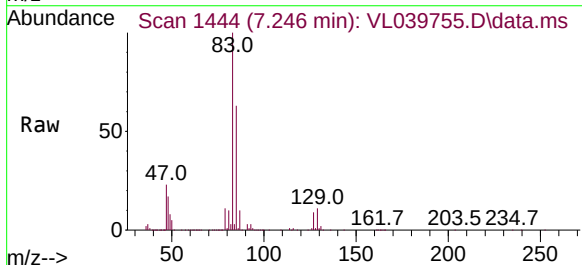
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

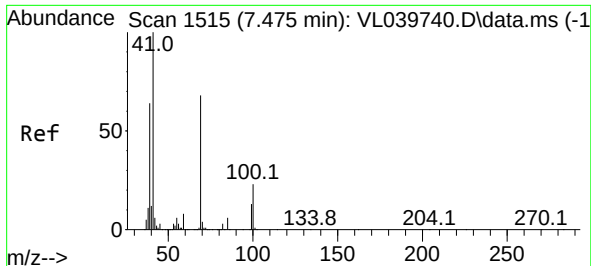
Tgt Ion: 42 Resp: 819357
Ion Ratio Lower Upper
42 100
72 36.3 30.0 45.0
71 36.9 29.3 43.9



#42
Bromodichloromethane
Concen: 10.765 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 83 Resp: 1598287
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 8.6 6.5 9.7

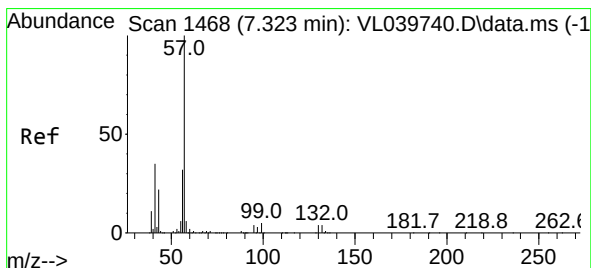
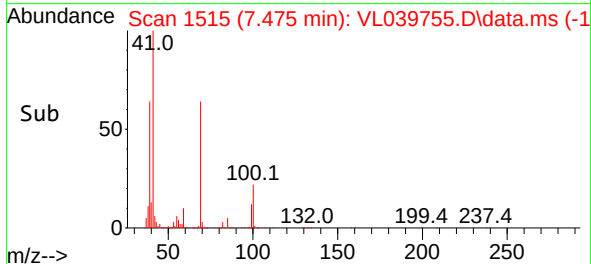
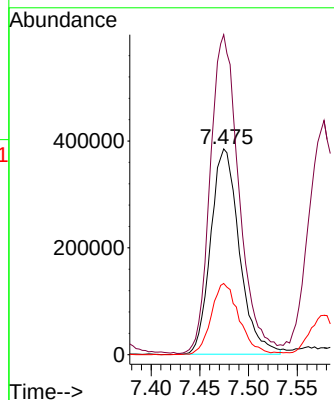
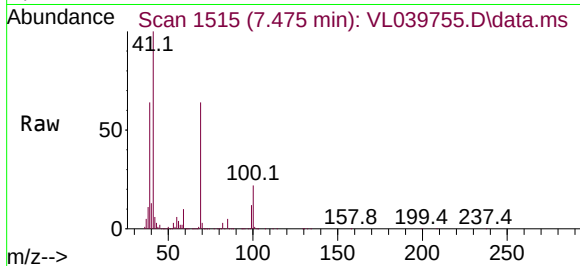




#43
Methyl Methacrylate
Concen: 10.908 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

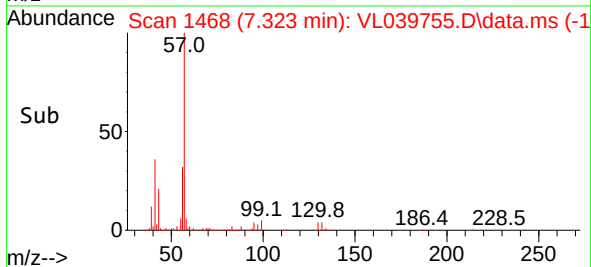
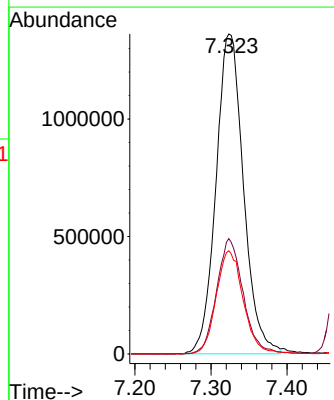
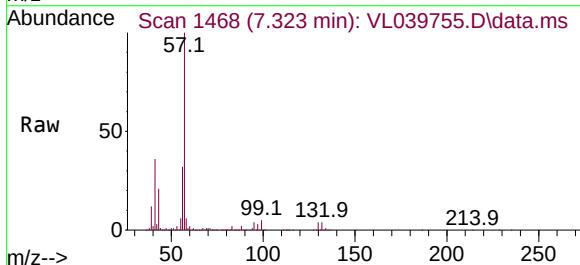
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

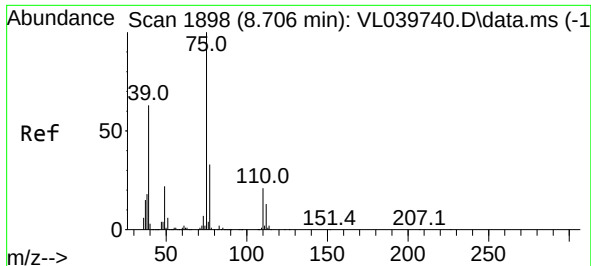
Tgt Ion: 69 Resp: 787562
Ion Ratio Lower Upper
69 100
41 155.8 124.6 186.8
100 34.4 27.5 41.3



#44
2,2,4-Trimethylpentane
Concen: 10.069 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 57 Resp: 3424249
Ion Ratio Lower Upper
57 100
41 34.9 27.1 40.7
56 31.8 25.2 37.8

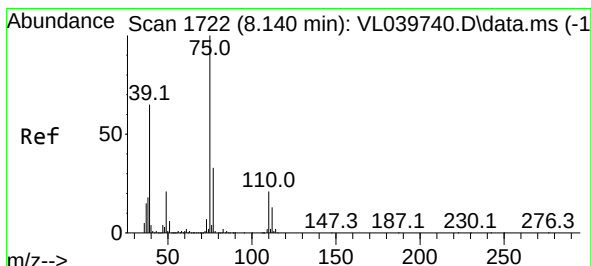
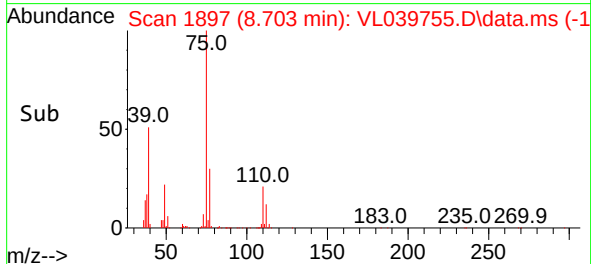
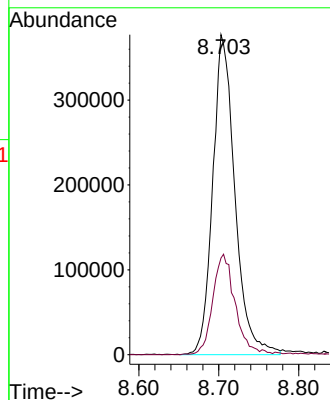
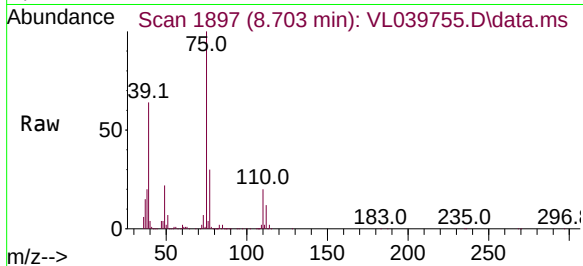




#45
t-1,3-Dichloropropene
Concen: 12.134 ppbv
RT: 8.703 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

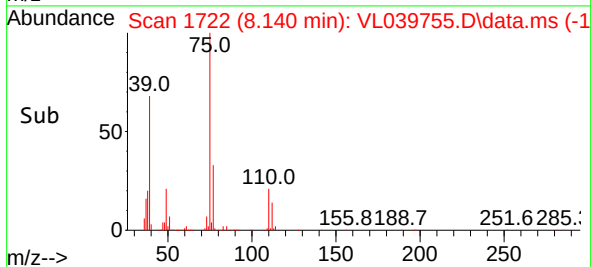
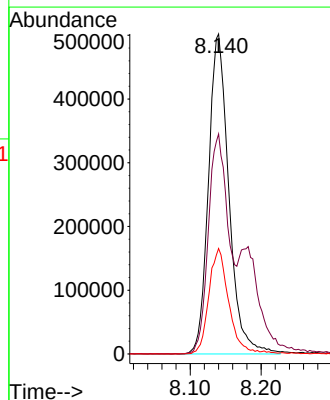
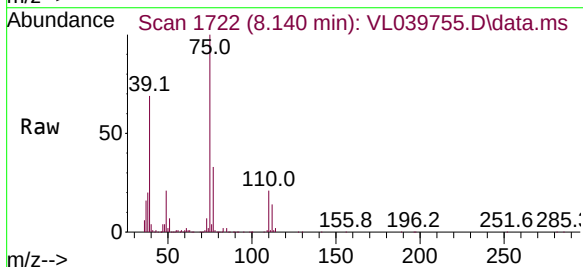
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

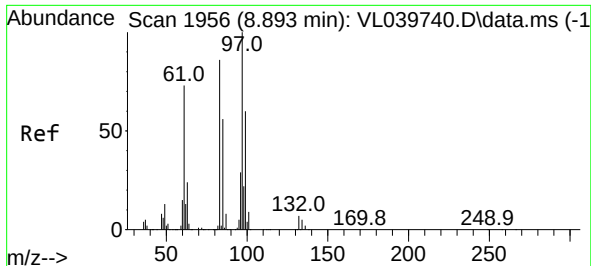
Tgt Ion: 75 Resp: 725155
Ion Ratio Lower Upper
75 100
77 30.2 26.6 39.8



#46
cis-1,3-Dichloropropene
Concen: 11.833 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 75 Resp: 1001759
Ion Ratio Lower Upper
75 100
39 68.7 52.2 78.4
77 32.9 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 10.247 ppbv

RT: 8.892 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

Tgt Ion: 97 Resp: 856785

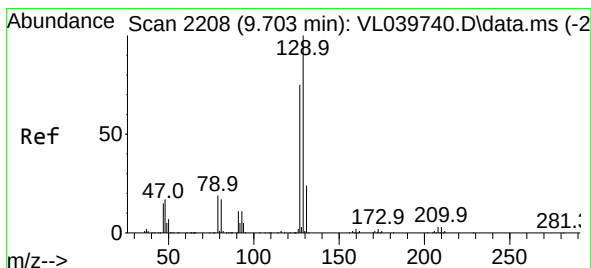
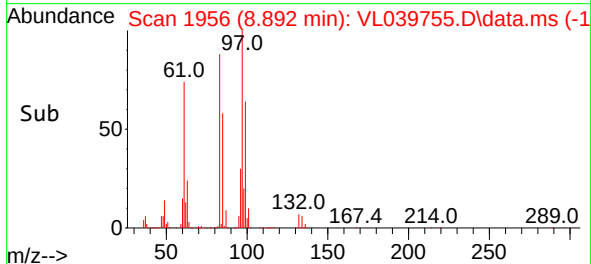
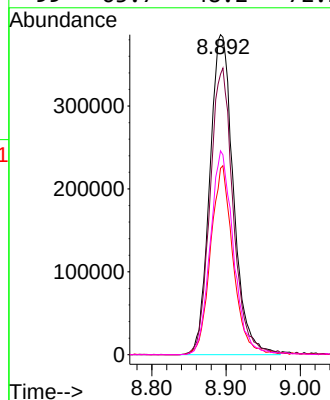
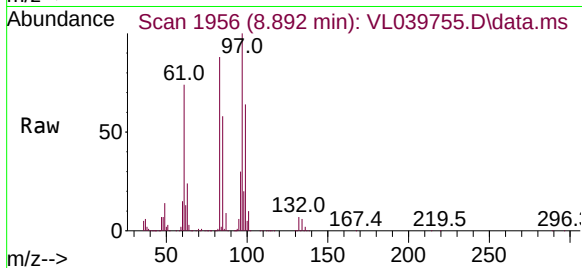
Ion Ratio Lower Upper

97 100

83 87.6 68.8 103.2

85 58.2 44.8 67.2

99 63.7 48.2 72.2



#48

Dibromochloromethane

Concen: 11.118 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VL039755.D

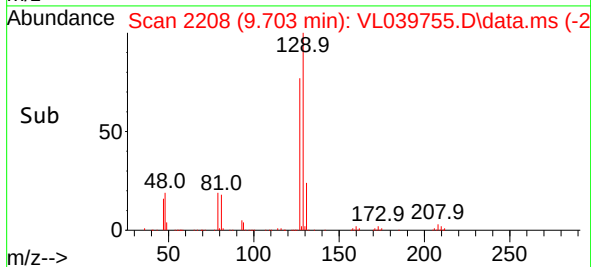
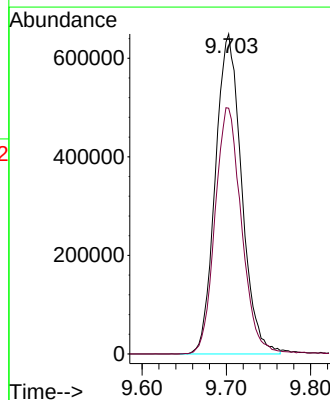
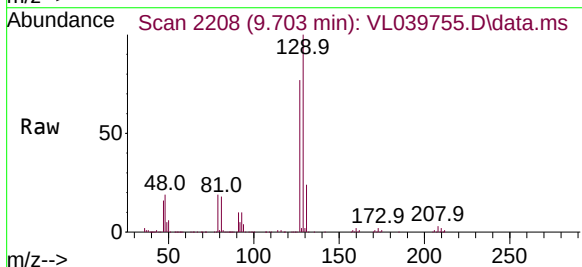
Acq: 21 Oct 2022 22:40

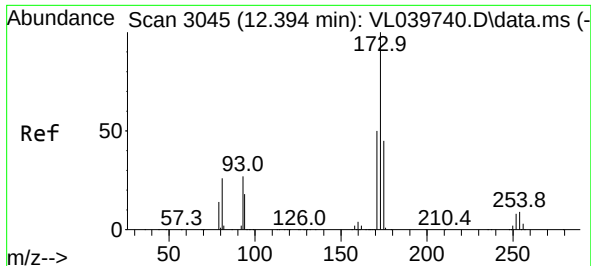
Tgt Ion: 129 Resp: 1402403

Ion Ratio Lower Upper

129 100

127 78.2 38.9 116.6

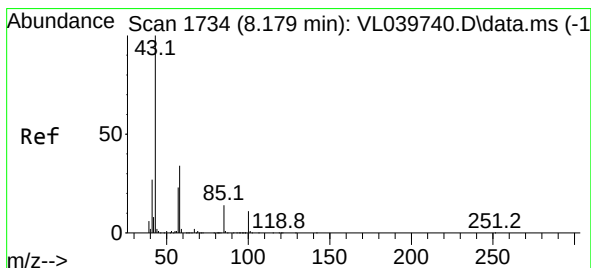
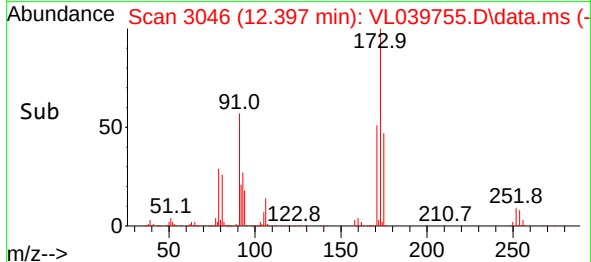
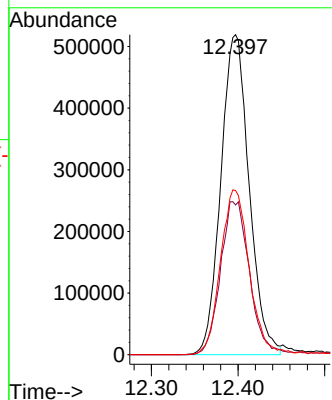
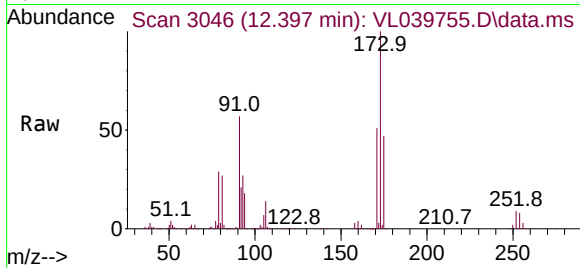




#49
Bromoform
Concen: 11.608 ppbv
RT: 12.397 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

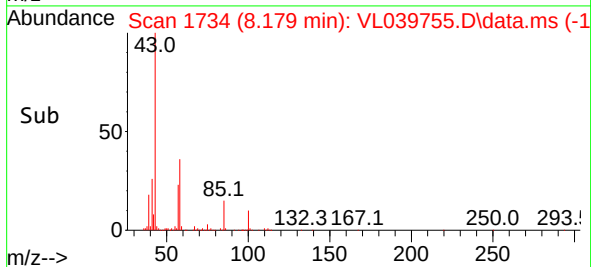
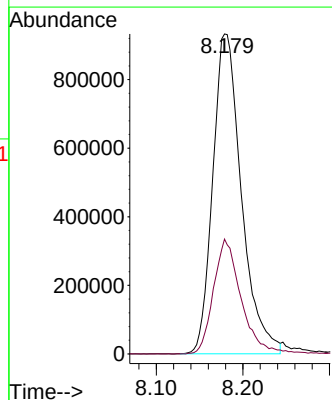
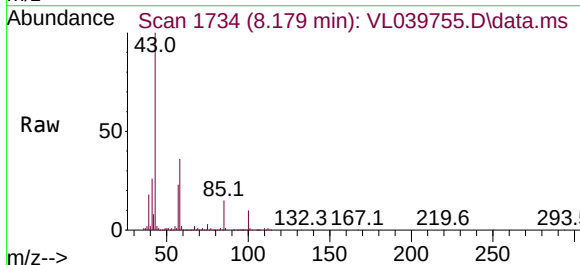
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

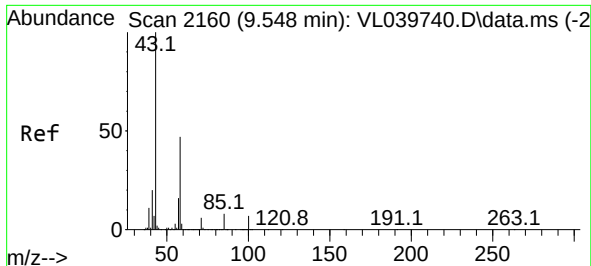
Tgt Ion:173 Resp: 1178708
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.0
171 53.1 41.6 62.4



#50
4-Methyl-2-Pentanone
Concen: 10.715 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 43 Resp: 2142985
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0

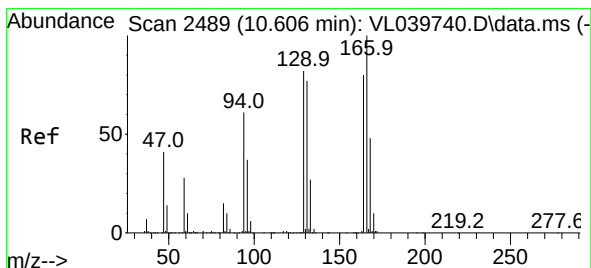
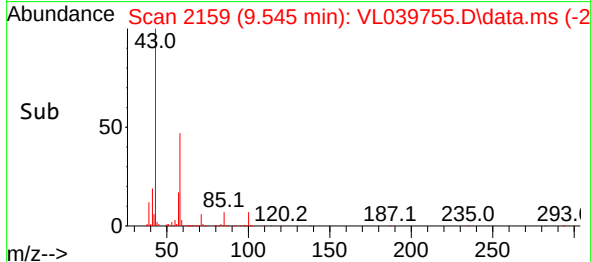
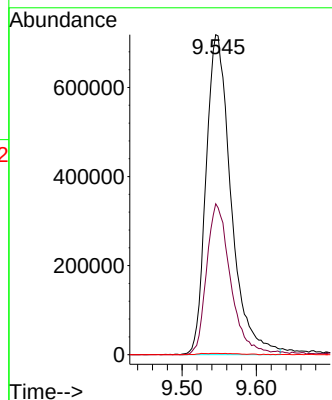
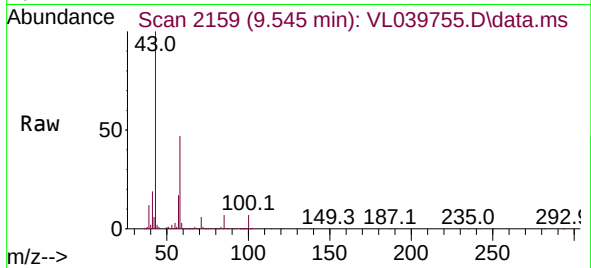




#51
2-Hexanone
Concen: 11.689 ppbv
RT: 9.545 min Scan# 2160
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

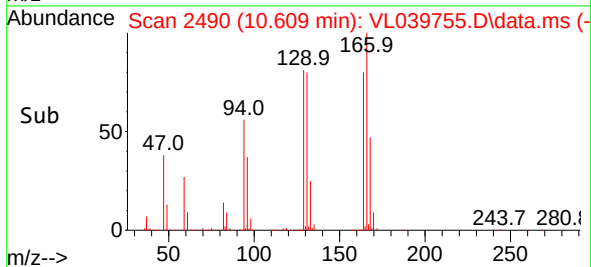
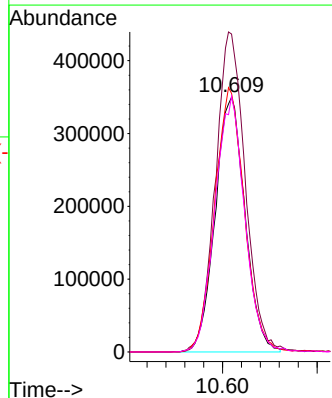
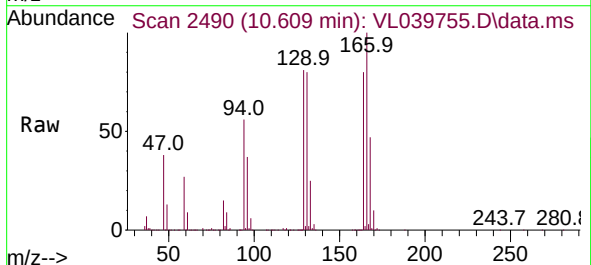
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

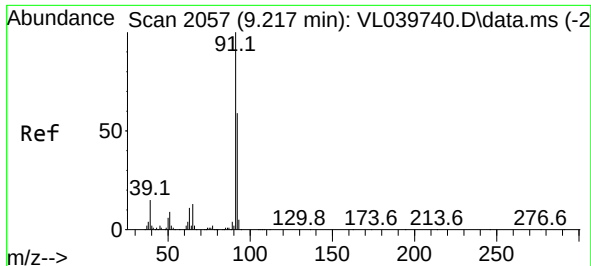
Tgt Ion: 43 Resp: 1675637
Ion Ratio Lower Upper
43 100
58 46.1 37.6 56.4
98 0.7 0.6 0.8



#52
Tetrachloroethene
Concen: 10.547 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 164 Resp: 764150
Ion Ratio Lower Upper
164 100
166 124.7 100.0 150.0
129 101.4 82.1 123.1
131 100.3 77.4 116.0

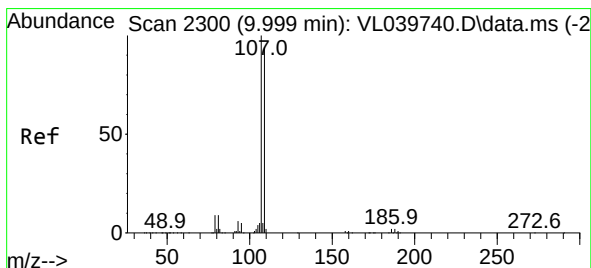
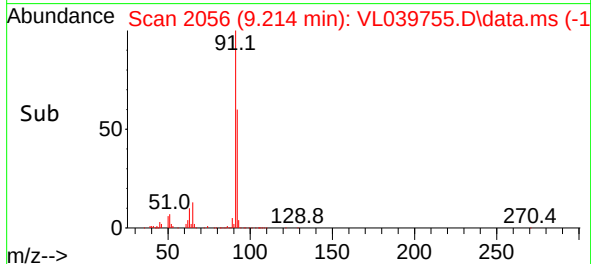
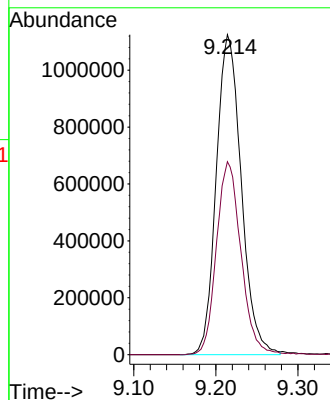
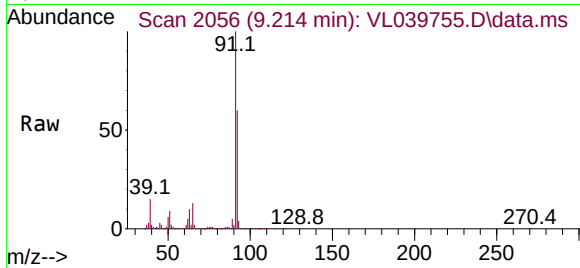




#53
Toluene
Concen: 10.995 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

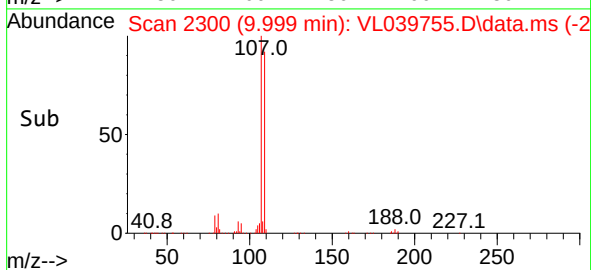
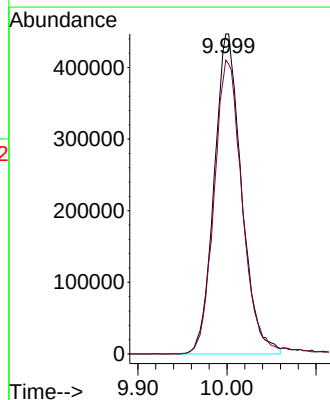
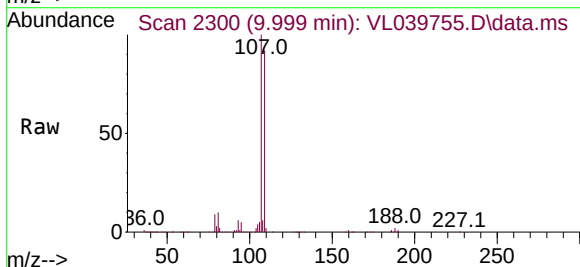
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

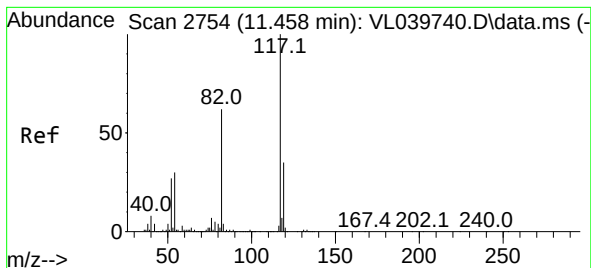
Tgt Ion: 91 Resp: 2382879
Ion Ratio Lower Upper
91 100
92 59.5 47.7 71.5



#54
1,2-Dibromoethane
Concen: 11.325 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 107 Resp: 952256
Ion Ratio Lower Upper
107 100
109 91.8 75.2 112.8

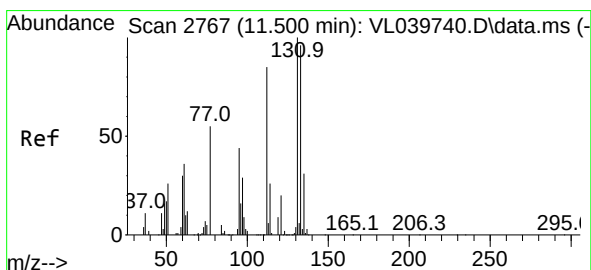
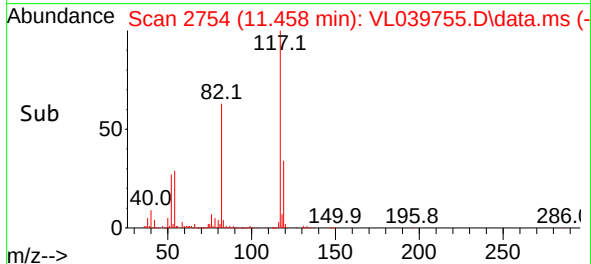
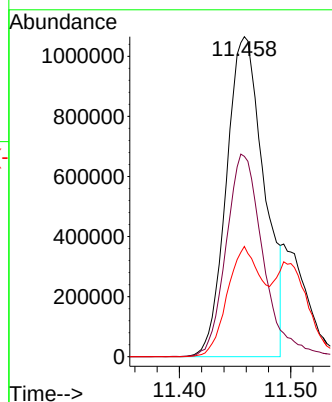
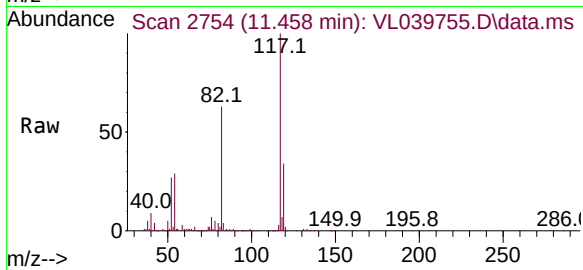




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

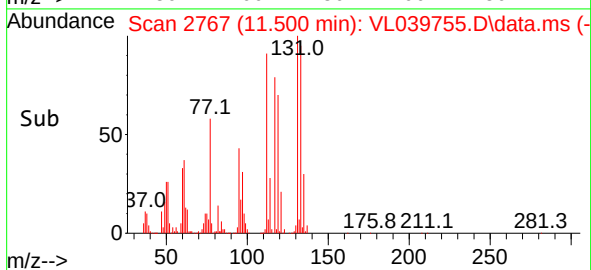
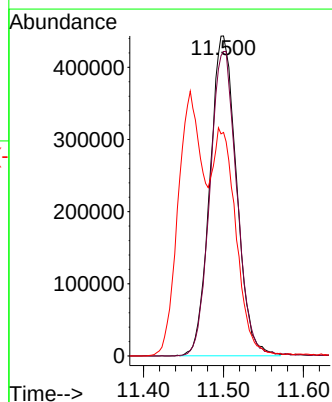
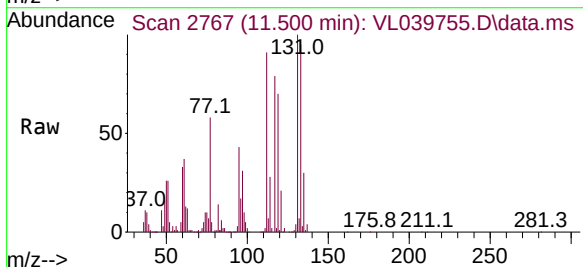
Instrument :
MSVOA_1
ClientSampleId :
VL1021ABS02

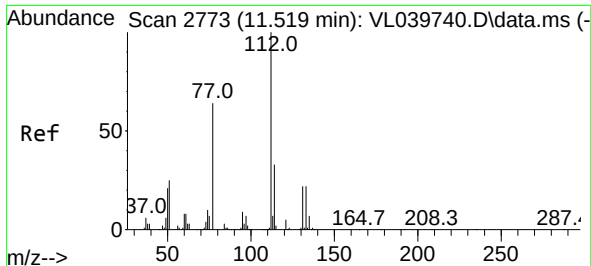
Tgt Ion:117 Resp: 2508309
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 33.9 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 10.029 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion:131 Resp: 1020987
Ion Ratio Lower Upper
131 100
133 97.0 77.2 115.8
119 63.9 55.5 83.3

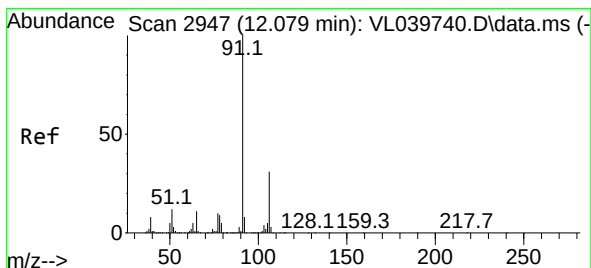
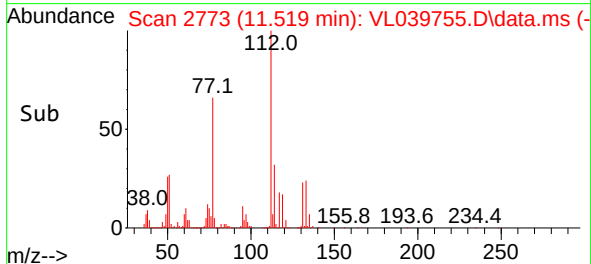
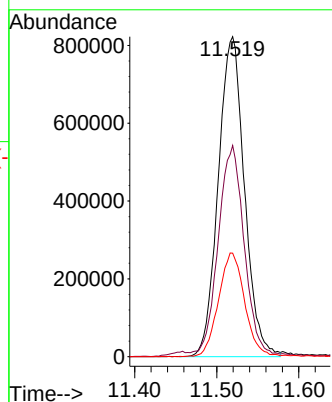
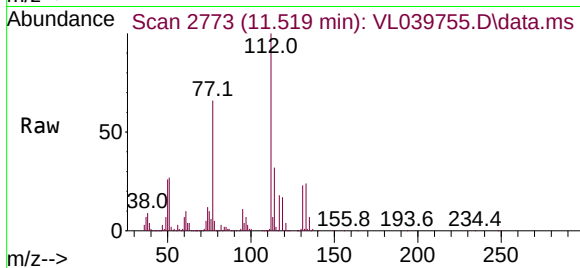




#57
Chlorobenzene
Concen: 9.930 ppbv
RT: 11.519 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

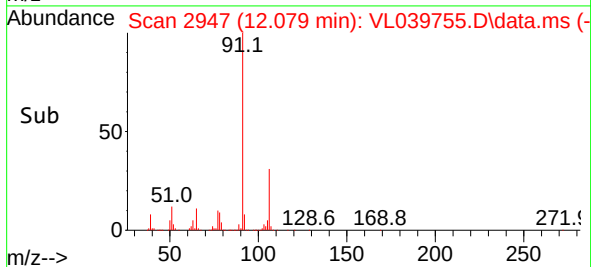
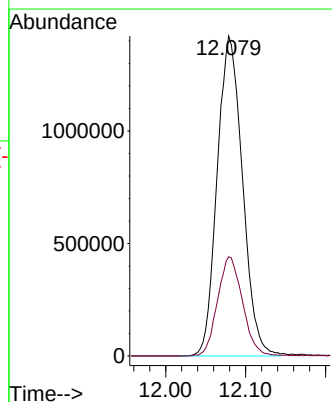
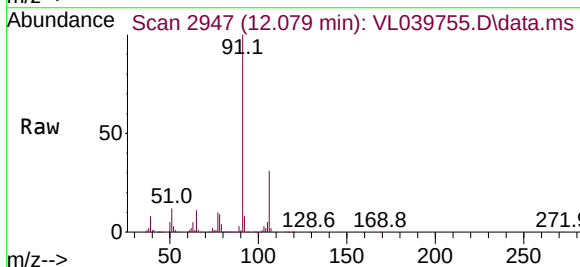
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

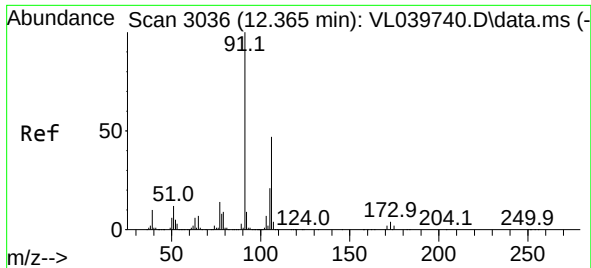
Tgt Ion:112 Resp: 1827452
Ion Ratio Lower Upper
112 100
77 65.2 51.4 77.2
114 32.2 30.0 36.6



#58
Ethyl Benzene
Concen: 10.778 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 91 Resp: 3122437
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

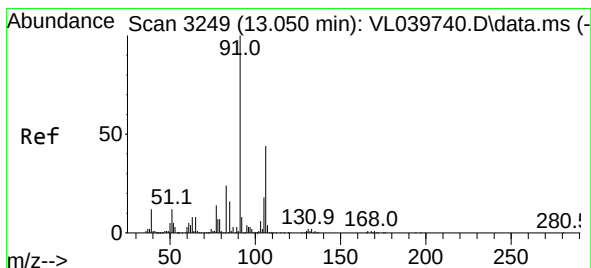
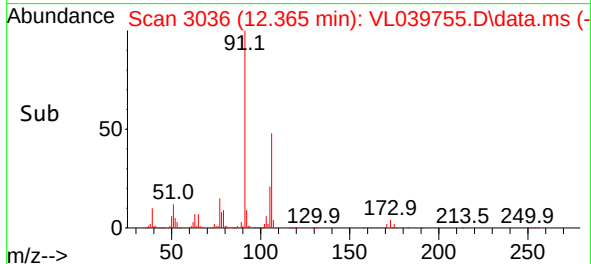
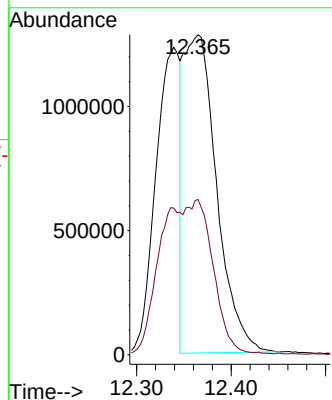
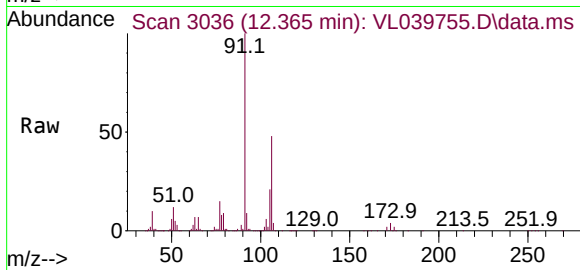




#59
m/p-Xylene
Concen: 12.153 ppbv
RT: 12.365 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

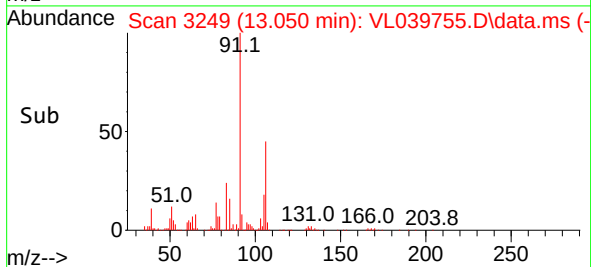
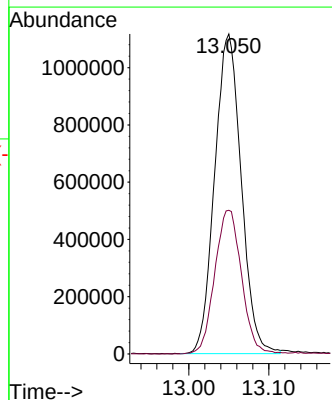
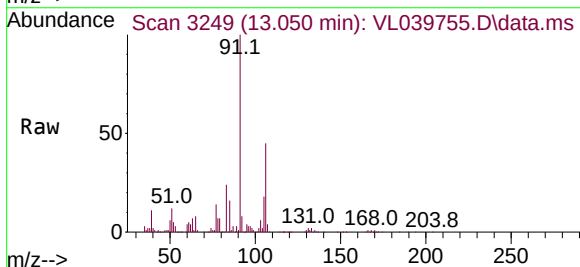
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

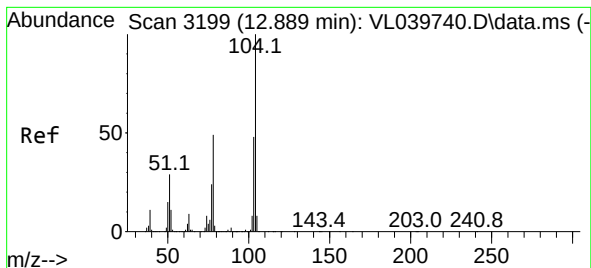
Tgt Ion: 91 Resp: 3111934
Ion Ratio Lower Upper
91 100
106 77.4 36.2 54.4#



#60
o-Xylene
Concen: 10.498 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 91 Resp: 2571455
Ion Ratio Lower Upper
91 100
106 45.9 22.4 67.0





#61

Styrene

Concen: 11.933 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

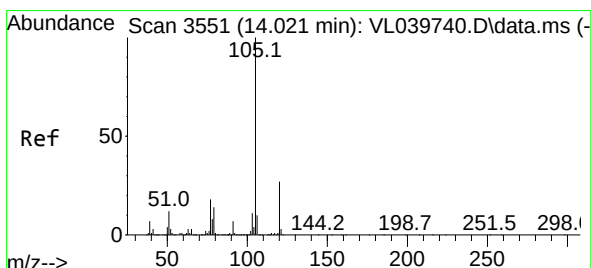
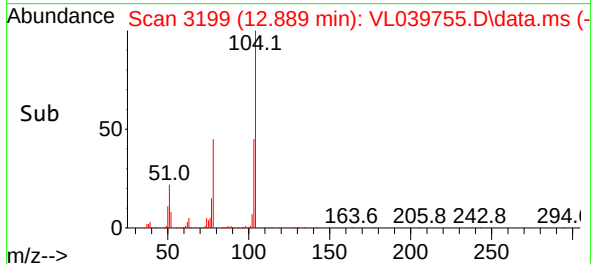
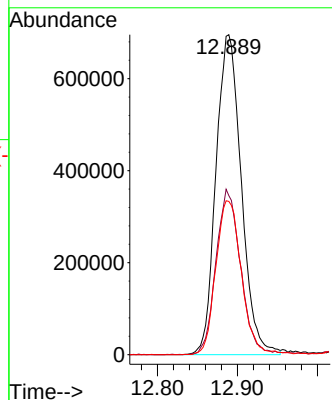
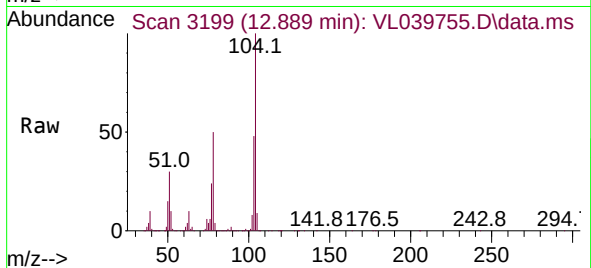
Tgt Ion:104 Resp: 1529254

Ion Ratio Lower Upper

104 100

78 50.6 39.6 59.4

103 48.8 38.1 57.1



#62

Isopropylbenzene

Concen: 10.226 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. -0.003 min

Lab File: VL039755.D

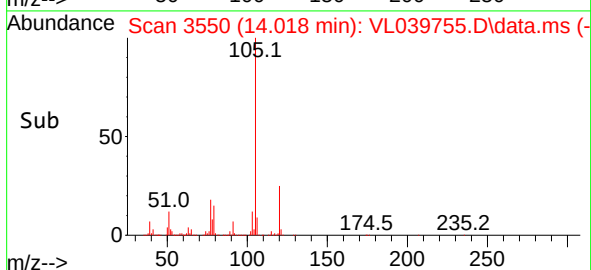
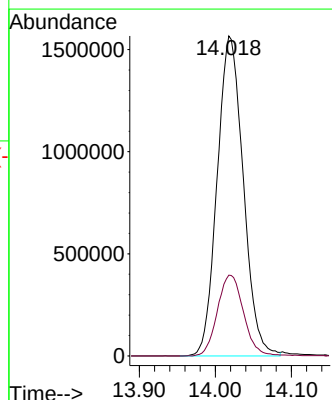
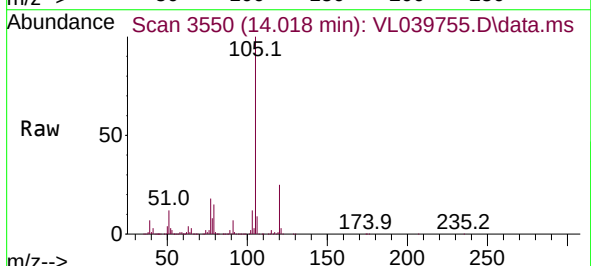
Acq: 21 Oct 2022 22:40

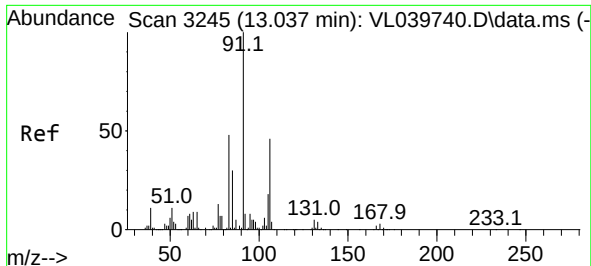
Tgt Ion:105 Resp: 3730809

Ion Ratio Lower Upper

105 100

120 25.5 20.2 30.4

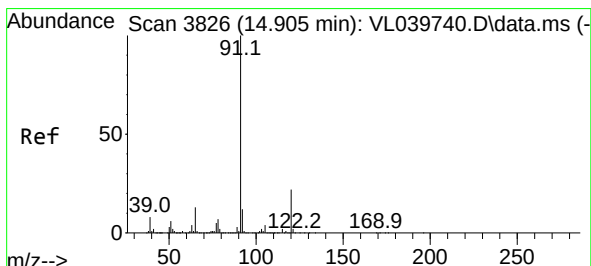
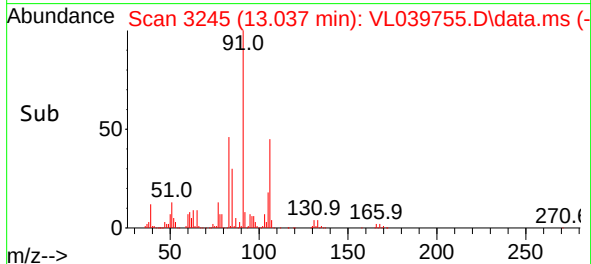
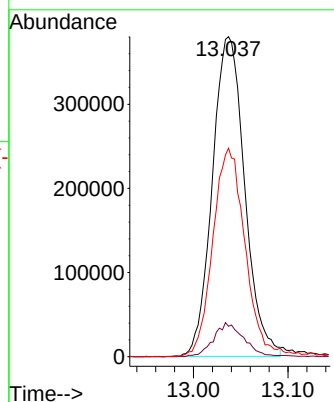
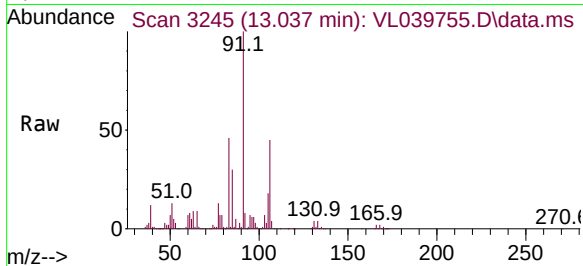




#63
1,1,2,2-Tetrachloroethane
Concen: 9.642 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

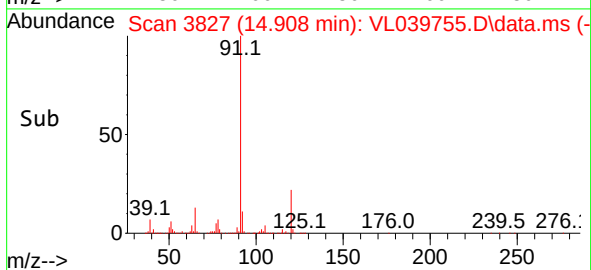
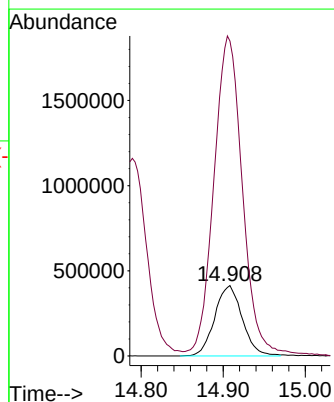
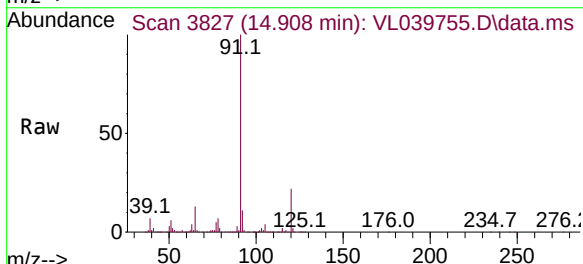
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

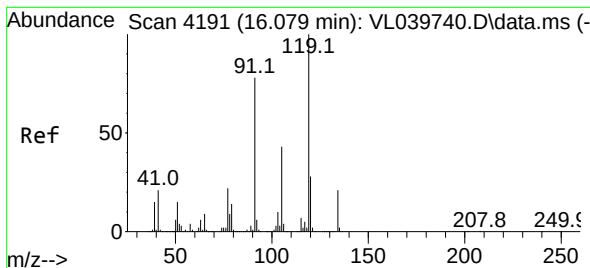
Tgt Ion: 83 Resp: 902592
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 66.1 32.8 98.4



#64
n-propylbenzene
Concen: 10.535 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion:120 Resp: 965674
Ion Ratio Lower Upper
120 100
91 473.7 376.2 564.2

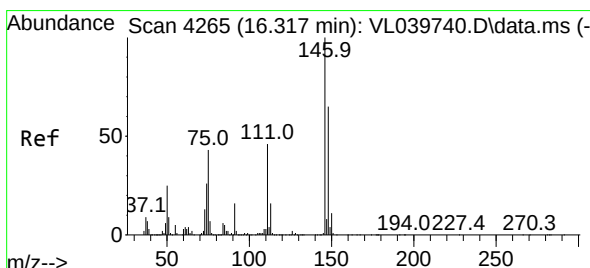
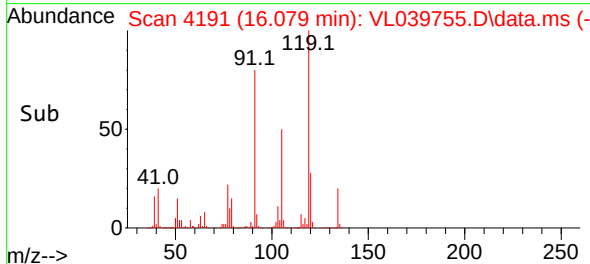
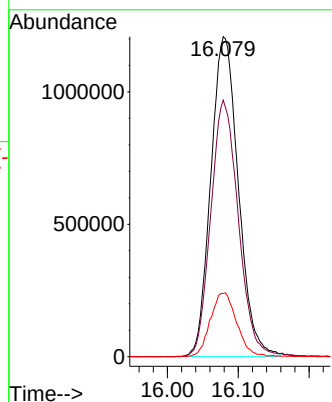
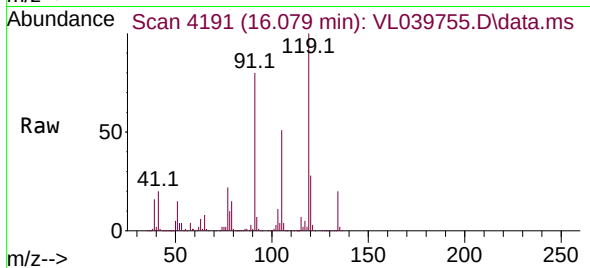




#65
tert-Butylbenzene
Concen: 10.199 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

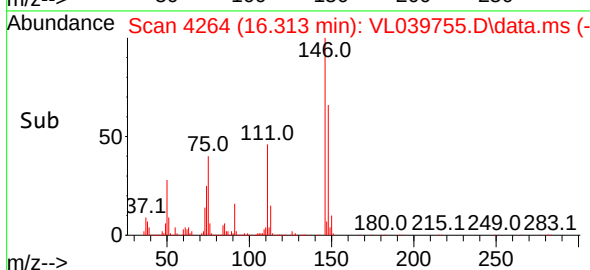
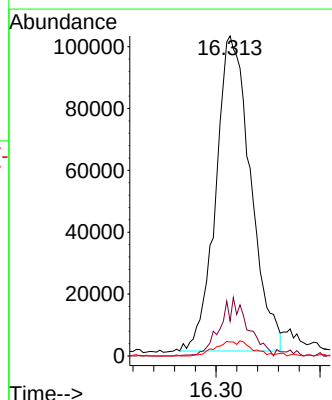
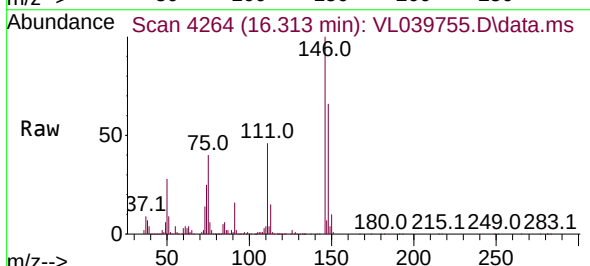
Instrument :
MSVOA_1
ClientSampleId :
VL1021ABS02

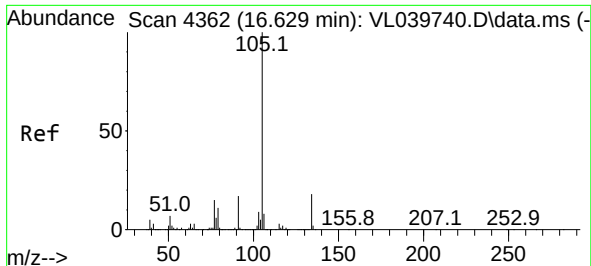
Tgt Ion:119 Resp: 3259668
Ion Ratio Lower Upper
119 100
91 80.7 64.2 96.2
134 19.3 15.5 23.3



#66
Benzyl Chloride
Concen: 10.594 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 91 Resp: 236591
Ion Ratio Lower Upper
91 100
126 15.7 12.6 18.8
128 5.2 4.2 6.2

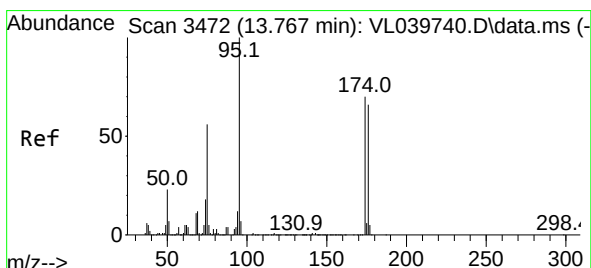
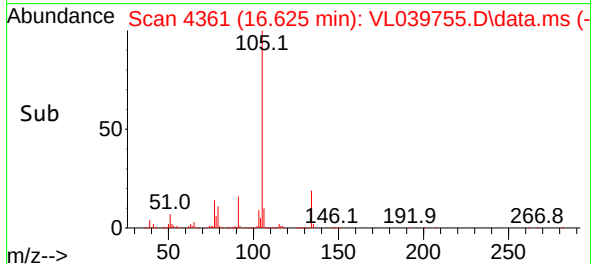
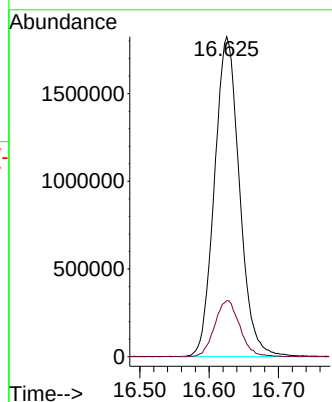
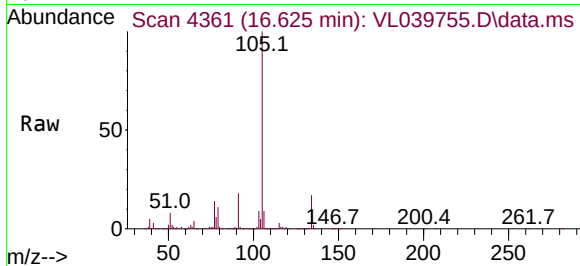




#67
 sec-Butylbenzene
 Concen: 10.328 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

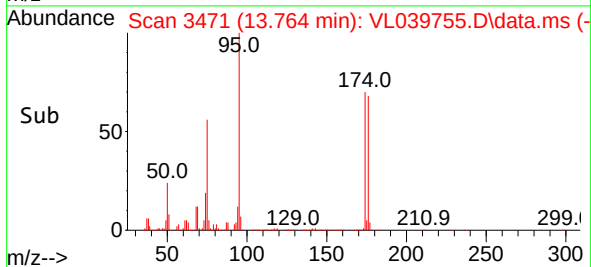
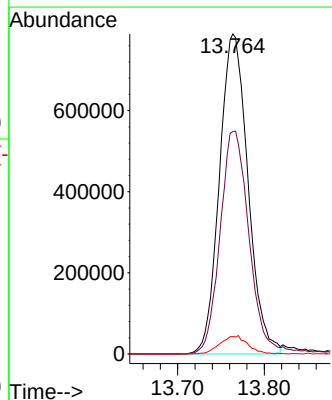
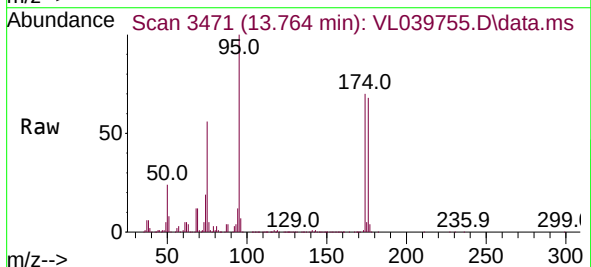
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

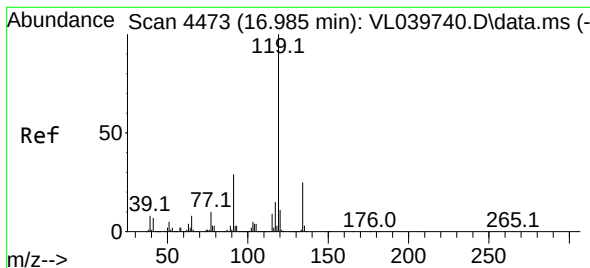
Tgt Ion:105 Resp: 4566858
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.149 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Tgt Ion: 95 Resp: 1807173
 Ion Ratio Lower Upper
 95 100
 174 71.9 56.5 84.7
 175 5.6 4.2 6.4

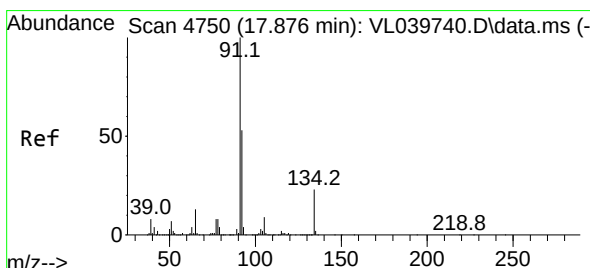
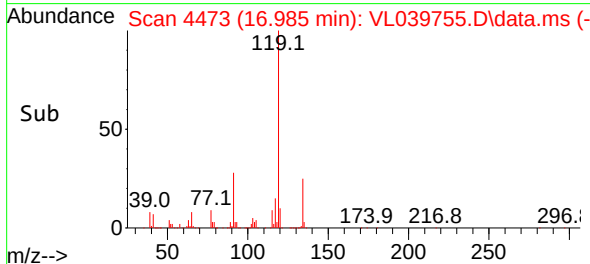
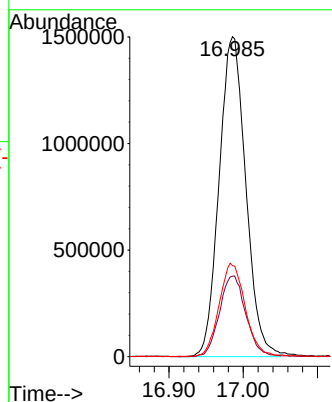
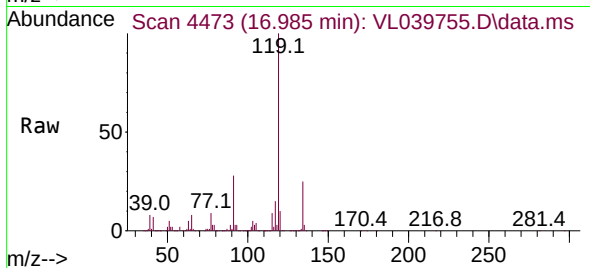




#69
p-Isopropyltoluene
Concen: 10.487 ppbv
RT: 16.985 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

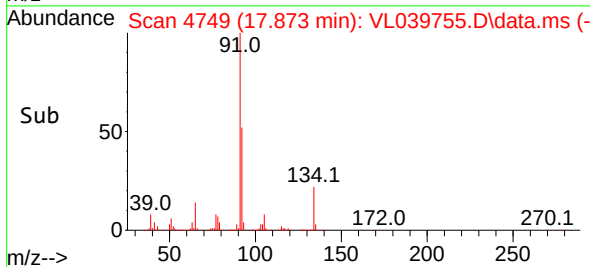
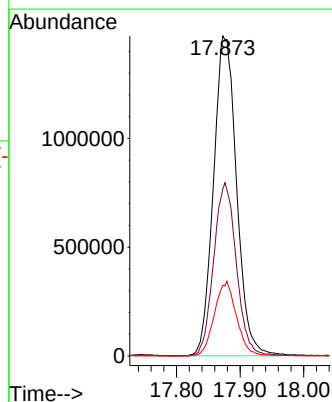
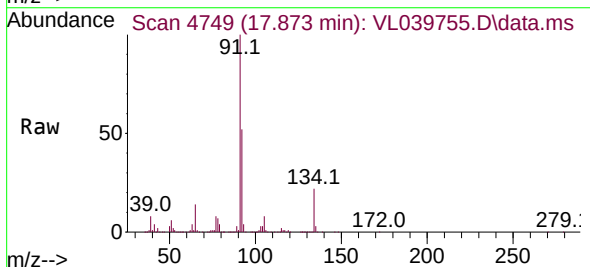
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

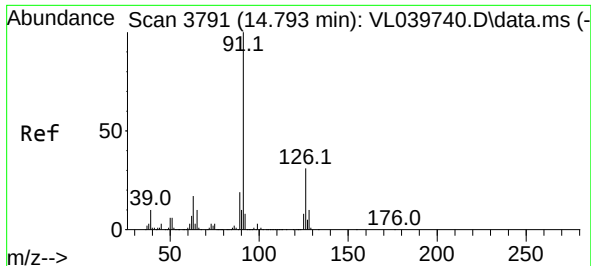
Tgt Ion:119 Resp: 3737320
Ion Ratio Lower Upper
119 100
134 25.1 19.8 29.8
91 28.7 22.7 34.1



#70
n-Butylbenzene
Concen: 10.824 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 91 Resp: 3712058
Ion Ratio Lower Upper
91 100
92 53.2 43.3 64.9
134 22.4 18.4 27.6

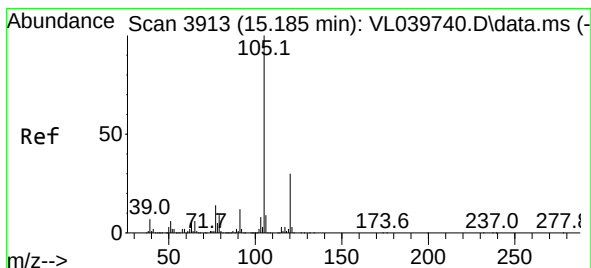
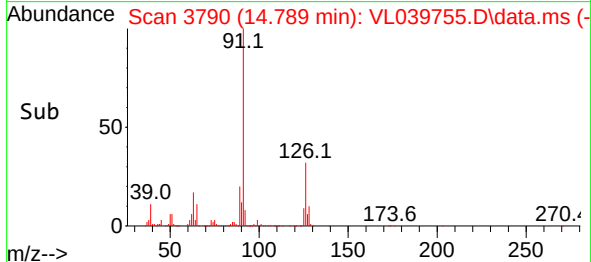
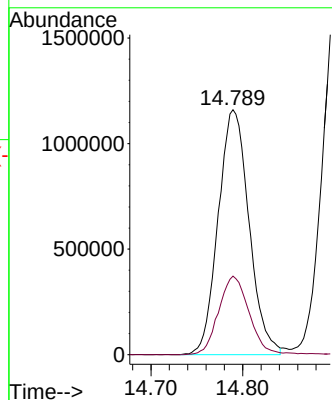
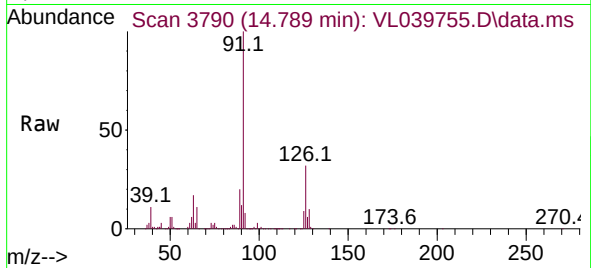




#71
2-Chlorotoluene
Concen: 10.441 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

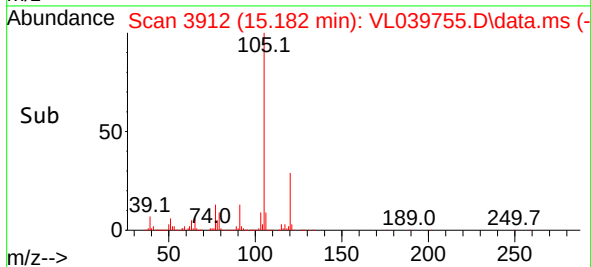
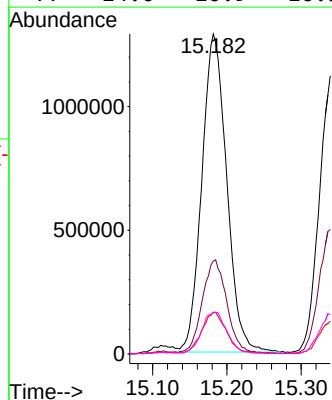
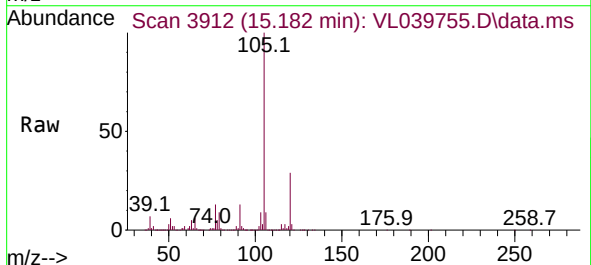
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

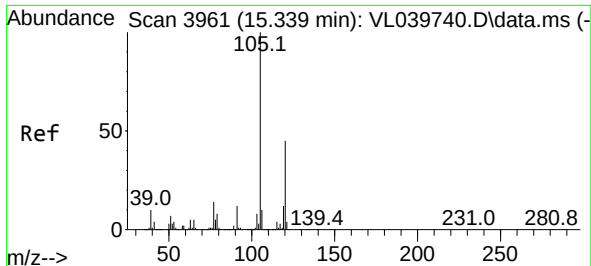
Tgt Ion: 91 Resp: 2710701
Ion Ratio Lower Upper
91 100
126 32.4 12.7 50.7



#72
4-Ethyltoluene
Concen: 10.908 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 105 Resp: 2981998
Ion Ratio Lower Upper
105 100
120 30.6 23.9 35.9
91 13.0 10.3 15.5
77 14.0 10.9 16.3

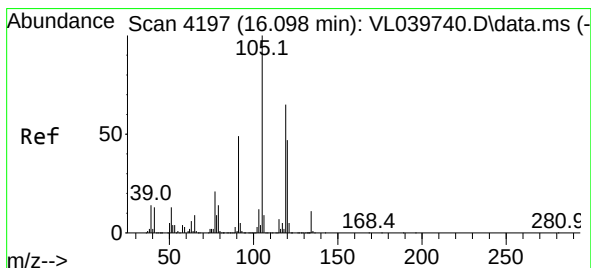
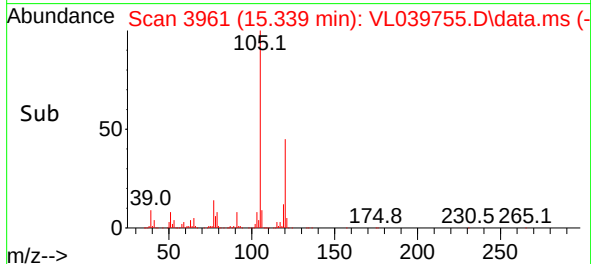
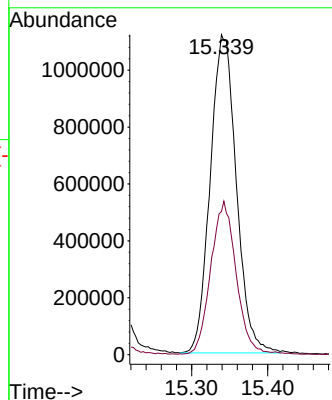
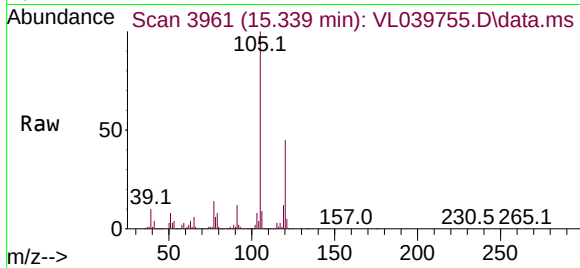




#73
 1,3,5-Trimethylbenzene
 Concen: 10.472 ppbv
 RT: 15.339 min Scan# 3961
 Delta R.T. -0.000 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

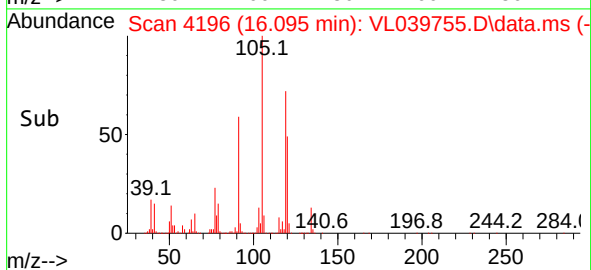
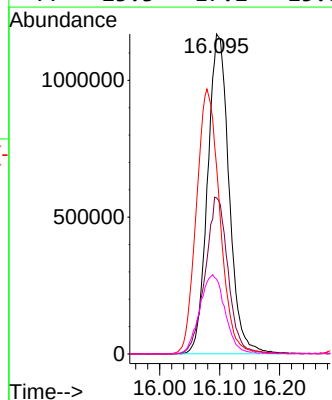
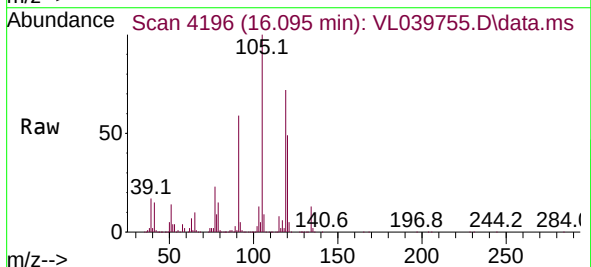
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

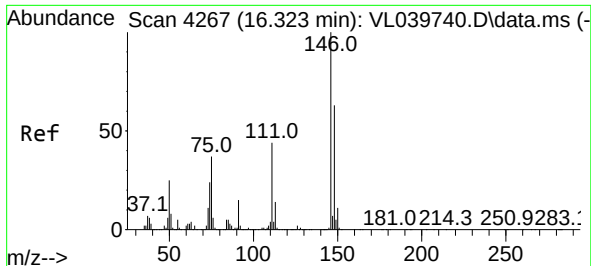
Tgt Ion:105 Resp: 2665259
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 10.386 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Tgt Ion:105 Resp: 2903598
 Ion Ratio Lower Upper
 105 100
 120 48.7 37.6 56.4
 91 58.6 40.1 60.1
 77 23.3 17.2 25.8

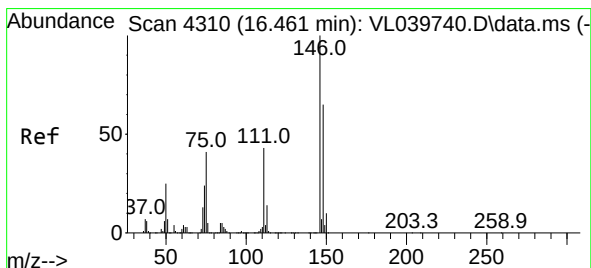
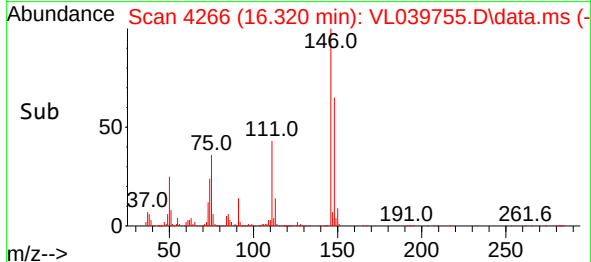
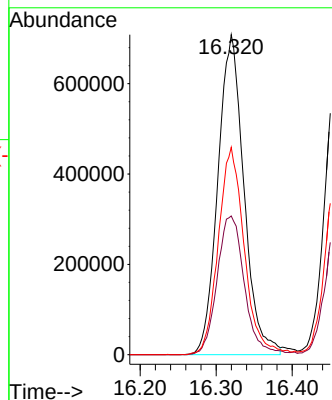
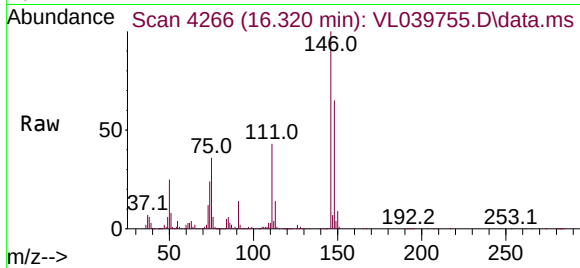




#75
1,3-Dichlorobenzene
Concen: 10.063 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

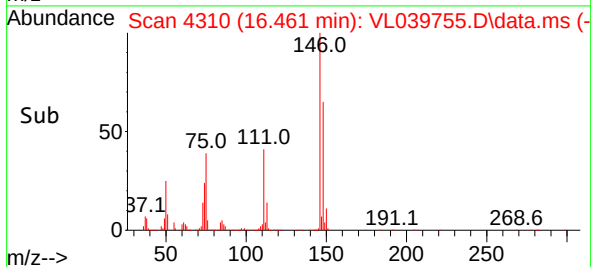
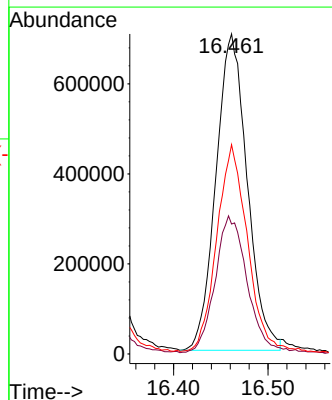
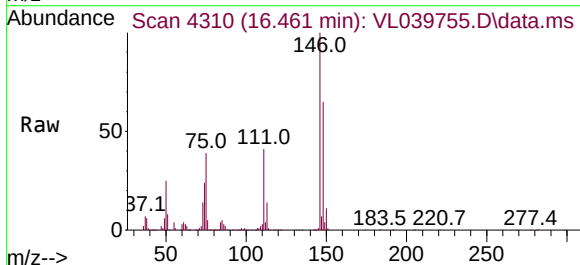
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

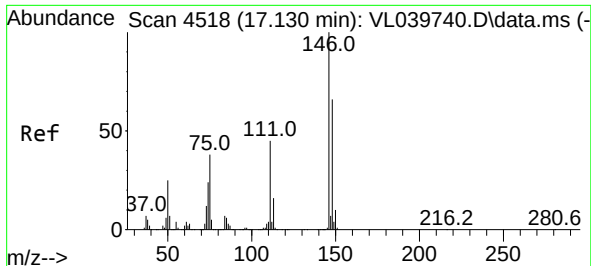
Tgt Ion:146 Resp: 1684838
Ion Ratio Lower Upper
146 100
111 45.5 22.8 68.3
148 64.7 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 9.884 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion:146 Resp: 1616607
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.5
148 67.2 33.2 99.6

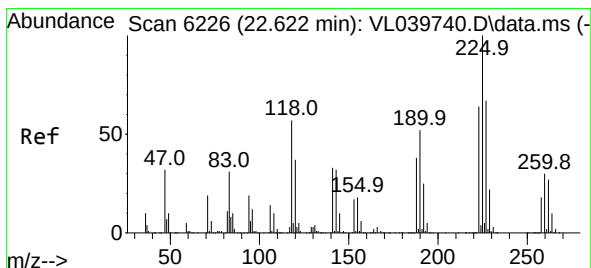
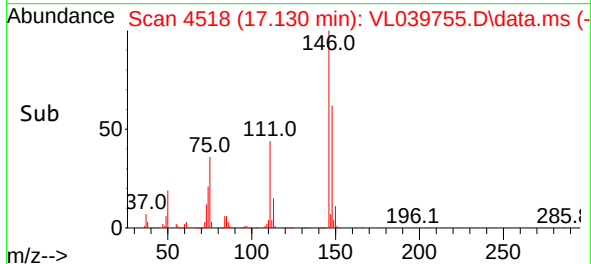
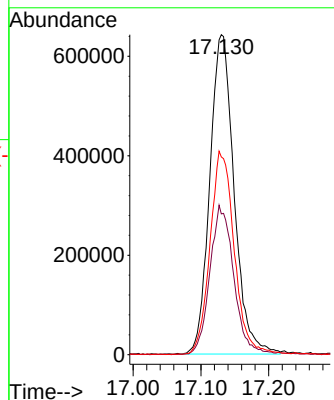
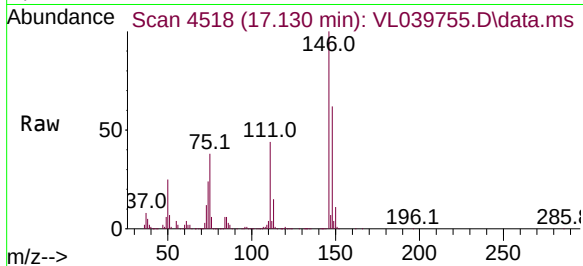




#77
1,2-Dichlorobenzene
Concen: 9.833 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

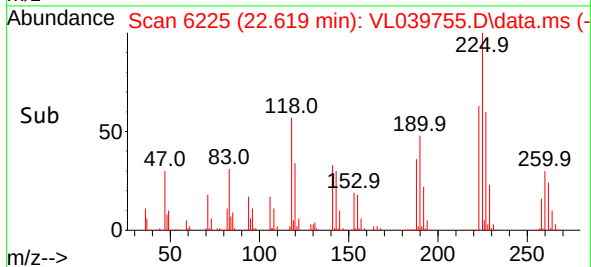
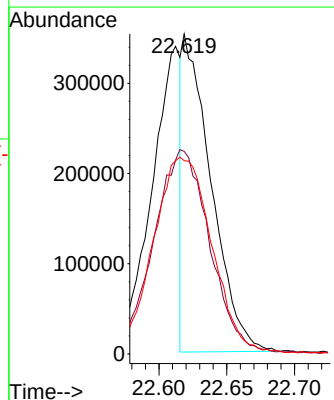
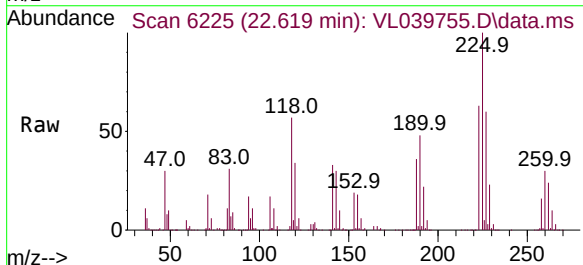
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

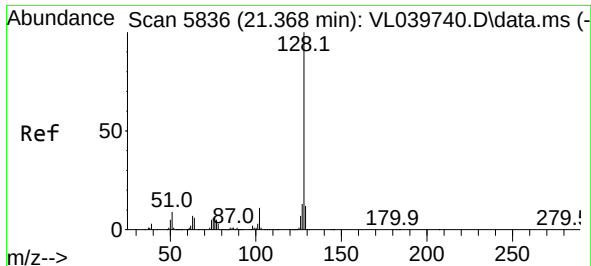
Tgt Ion:146 Resp: 1599994
Ion Ratio Lower Upper
146 100
111 46.7 23.6 70.8
148 63.8 32.8 98.3



#78
Hexachloro-1,3-Butadiene
Concen: 4.357 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion:225 Resp: 512265
Ion Ratio Lower Upper
225 100
223 129.6 52.4 78.6#
227 130.3 52.7 79.1#

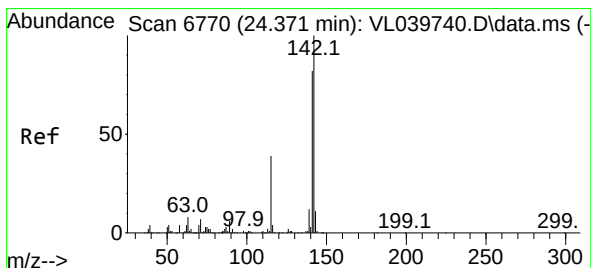
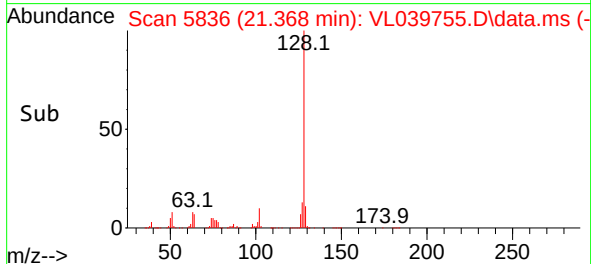
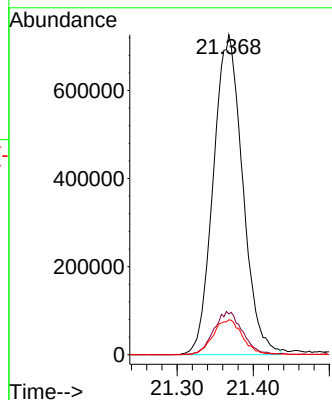
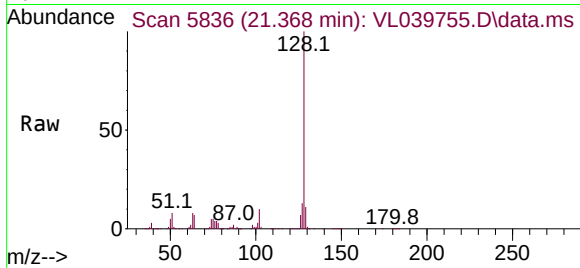




#79
Naphthalene
Concen: 11.879 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

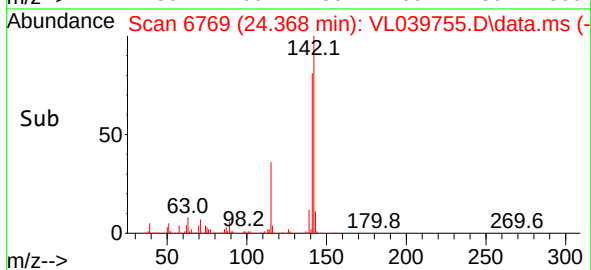
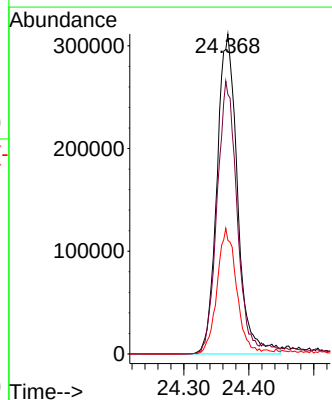
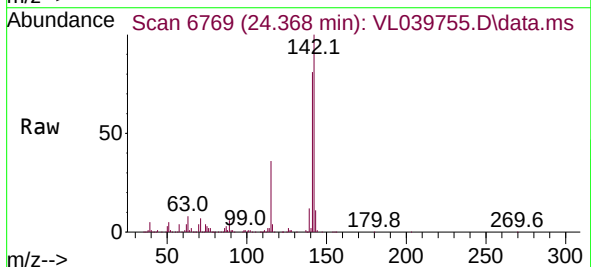
Instrument :
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ClientSampleId :
VL1021ABS02

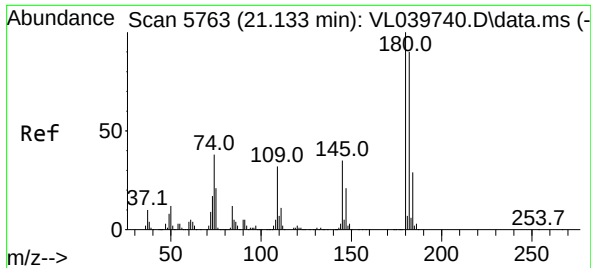
Tgt Ion:128 Resp: 1944179
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.9 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 13.915 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion:142 Resp: 680157
Ion Ratio Lower Upper
142 100
141 87.2 70.0 105.0
115 38.8 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.308 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

Tgt Ion:180 Resp: 1130425
 Ion Ratio Lower Upper
 180 100
 182 95.6 0.0 0.0#
 184 30.6 0.0 0.0#

