

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039907.D
 Acq On : 21 Nov 2022 12:17
 Operator : SY/AP
 Sample : VL1121ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01

Quant Time: Nov 22 03:47:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.160	49	1170072	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.623	114	3517863	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	3332180	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2570705	10.100	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	1831056	10.927	ppbv	96
3) Chlorodifluoromethane	2.645	51	1552401	9.615	ppbv	96
4) Chloromethane	2.783	50	1001634	9.708	ppbv	94
5) Vinyl Chloride	2.890	62	854986	10.605	ppbv	98
6) Bromomethane	3.089	94	297854	10.831	ppbv	99
7) Chloroethane	3.166	64	308202	9.671	ppbv	99
8) Dichlorotetrafluoroethane	2.828	85	1997292	10.438	ppbv	99
9) Propene	2.664	41	707044	9.296	ppbv	100
10) Heptane	7.549	43	1762163	9.602	ppbv	98
11) Trichlorofluoromethane	3.533	101	2136528	10.453	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.034	101	1555142	10.053	ppbv	100
13) Ethanol	3.208	45	25061	4.316	ppbv #	36
14) Bromoethene	3.336	108	628024	10.410	ppbv	98
15) Acetone	3.436	43	1667726	10.746	ppbv	99
16) 1,3-Butadiene	2.954	39	790329	10.218	ppbv	100
17) tert-Butyl alcohol	3.844	59	1867897	10.468	ppbv	100
18) 1,1-Dichloroethene	3.848	96	719197	10.192	ppbv	99
19) Isopropyl Alcohol	3.542	45	824873	9.817	ppbv	88
20) Methylene Chloride	3.899	84	614471	8.172	ppbv	96
21) Allyl Chloride	3.967	41	1095713	10.178	ppbv	99
22) trans-1,2-Dichloroethene	4.414	96	747155	10.411	ppbv	96
23) Vinyl Acetate	4.594	43	652143	10.228	ppbv	99
24) 1,1-Dichloroethane	4.533	63	1510632	9.826	ppbv	99
25) Ethyl Acetate	5.172	43	2834433	9.947	ppbv	100
26) Hexane	5.182	57	1200037	9.641	ppbv	99
27) Carbon Disulfide	4.092	76	1808392	11.507	ppbv	100
28) Methyl tert-Butyl Ether	4.555	73	1548250	9.934	ppbv	98
29) Chloroform	5.243	83	1775904	10.736	ppbv	100
30) Cyclohexane	6.571	84	1178989	9.652	ppbv	98
31) cis-1,2-Dichloroethene	5.047	61	1205476	10.482	ppbv	97
32) 1,1,1-Trichloroethane	5.973	97	2276567	11.020	ppbv	98
34) 2-Butanone	4.754	43	1702480	10.114	ppbv	98
35) Carbon Tetrachloride	6.462	117	2327182	11.649	ppbv	98
36) Benzene	6.340	78	2975629	9.951	ppbv	99
37) 1,2-Dichloroethane	5.777	62	1730517	10.561	ppbv	99
38) Trichloroethene	7.266	130	1661546	9.940	ppbv	99
39) 1,2-Dichloropropane	7.047	63	1126218	9.667	ppbv	98
40) 1,4-Dioxane	7.259	88	458808	9.886	ppbv	94
41) Tetrahydrofuran	5.526	42	1126697	9.695	ppbv	98
42) Bromodichloromethane	7.221	83	2457826	11.060	ppbv	99
43) Methyl Methacrylate	7.446	69	1201132	10.246	ppbv	99
44) 2,2,4-Trimethylpentane	7.298	57	4763863	9.543	ppbv	99
45) t-1,3-Dichloropropene	8.684	75	1257391	11.609	ppbv	100

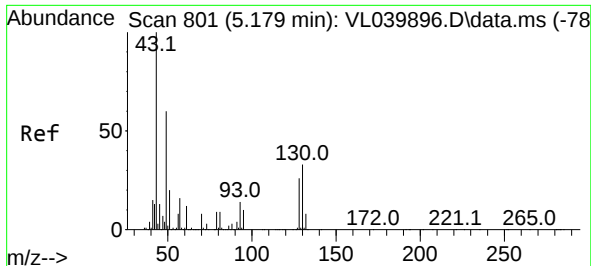
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039907.D
 Acq On : 21 Nov 2022 12:17
 Operator : SY/AP
 Sample : VL1121ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01

Quant Time: Nov 22 03:47:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	1611303	10.739	ppbv	95
47) 1,1,2-Trichloroethane	8.873	97	1210339	10.109	ppbv	98
48) Dibromochloromethane	9.683	129	2073507	11.824	ppbv	99
49) Bromoform	12.384	173	1696934	11.954	ppbv	99
50) 4-Methyl-2-Pentanone	8.156	43	3007920	9.977	ppbv	99
51) 2-Hexanone	9.526	43	2412698	10.309	ppbv #	98
52) Tetrachloroethene	10.590	164	1060224	9.478	ppbv	98
53) Toluene	9.192	91	3372915	9.902	ppbv	100
54) 1,2-Dibromoethane	9.982	107	1429715	11.189	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.484	131	1466182	10.764	ppbv	98
57) Chlorobenzene	11.503	112	2595551	10.188	ppbv	98
58) Ethyl Benzene	12.069	91	4551514	10.068	ppbv	98
59) m/p-Xylene	12.352	91	4126088	10.905	ppbv #	41
60) o-Xylene	13.040	91	3657063	10.135	ppbv	100
61) Styrene	12.876	104	2265592	10.519	ppbv	99
62) Isopropylbenzene	14.011	105	5241187	10.073	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.027	83	1255127	10.417	ppbv	100
64) n-propylbenzene	14.899	120	1399569	10.282	ppbv	96
65) tert-Butylbenzene	16.072	119	4643248	10.201	ppbv	100
66) Benzyl Chloride	16.313	91	472387	12.110	ppbv	99
67) sec-Butylbenzene	16.622	105	6432508	10.278	ppbv	99
69) p-Isopropyltoluene	16.982	119	5360052	10.397	ppbv	99
70) n-Butylbenzene	17.873	91	5427531	10.619	ppbv	99
71) 2-Chlorotoluene	14.780	91	4010675	10.169	ppbv	99
72) 4-Ethyltoluene	15.175	105	4303646	10.611	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	3874551	10.436	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	4106903	10.448	ppbv	94
75) 1,3-Dichlorobenzene	16.313	146	2344893	10.603	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	2306900	10.522	ppbv	98
77) 1,2-Dichlorobenzene	17.127	146	2253794	10.571	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1570884	10.618	ppbv	99
79) Naphthalene	21.374	128	3218888	13.683	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1064230	16.084	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1721056	11.847	ppbv	99

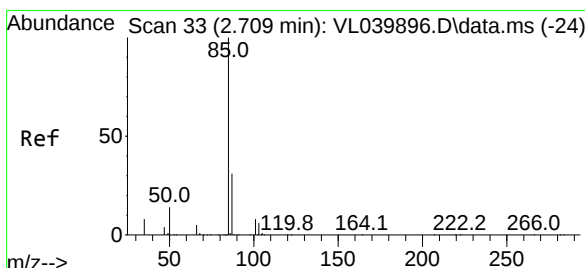
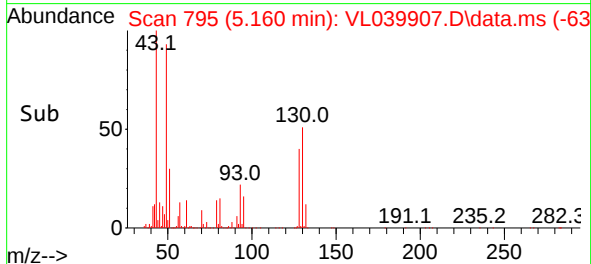
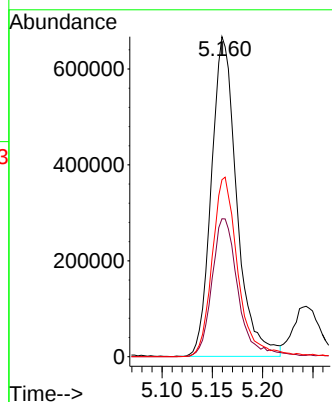
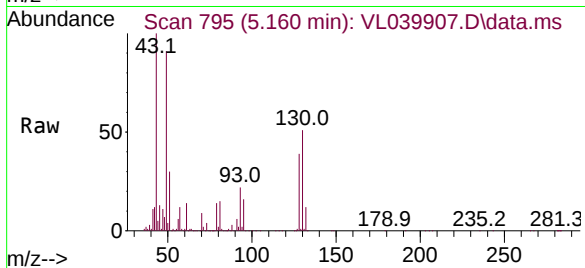
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 79
Delta R.T. 0.004 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

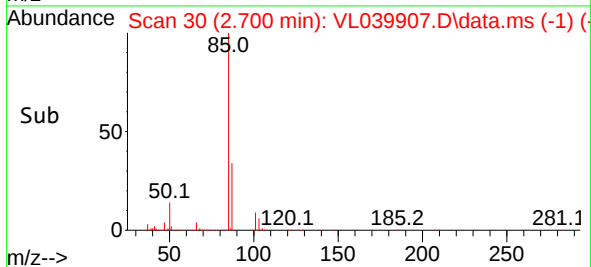
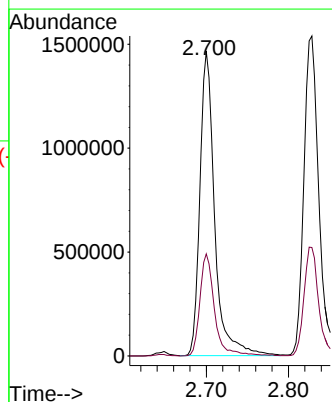
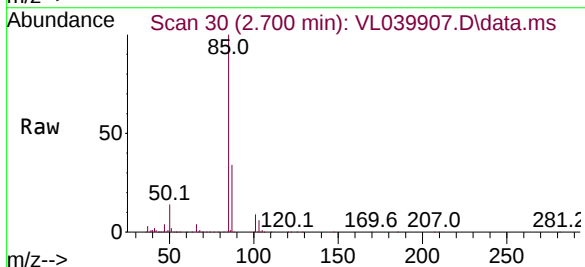
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

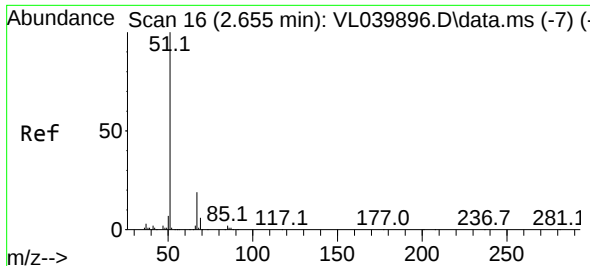
Tgt Ion: 49 Resp: 1170072
Ion Ratio Lower Upper
49 100
128 45.0 22.1 66.3
130 57.8 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 10.927 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 85 Resp: 1831056
Ion Ratio Lower Upper
85 100
87 33.5 25.0 37.4

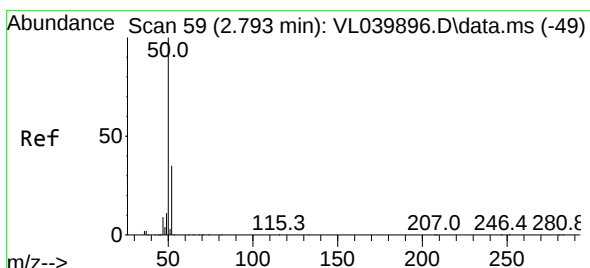
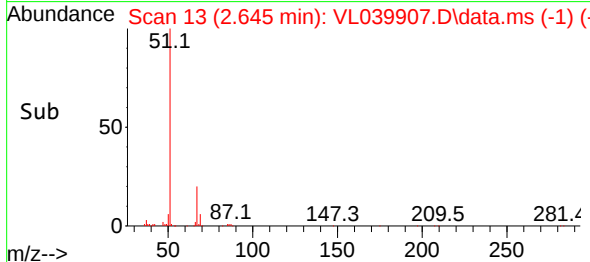
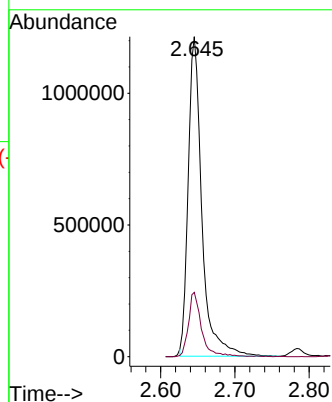
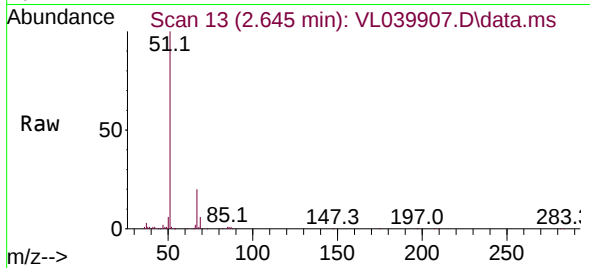




#3
Chlorodifluoromethane
Concen: 9.615 ppbv
RT: 2.645 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

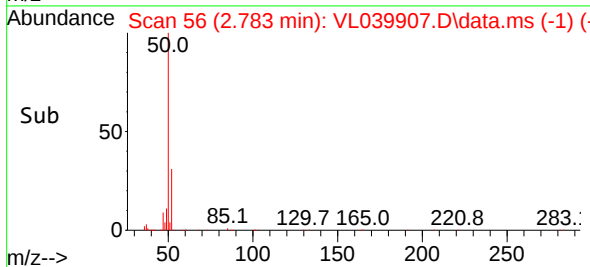
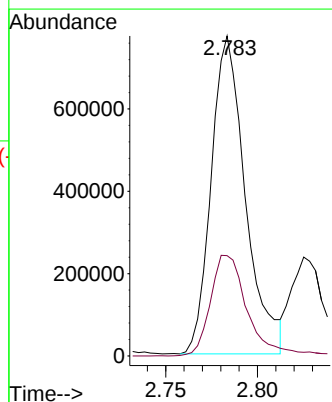
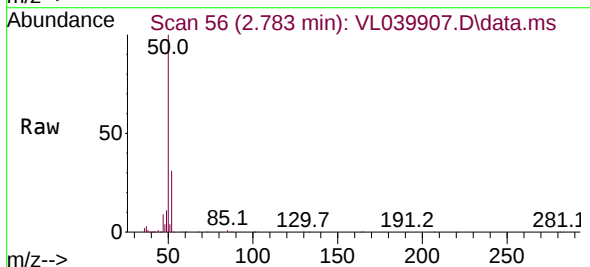
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

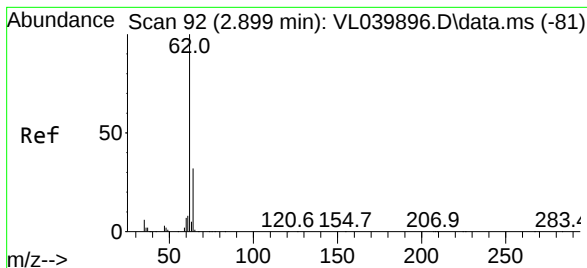
Tgt Ion: 51 Resp: 1552401
Ion Ratio Lower Upper
51 100
67 19.5 14.2 21.4



#4
Chloromethane
Concen: 9.708 ppbv
RT: 2.783 min Scan# 56
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 50 Resp: 1001634
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.8

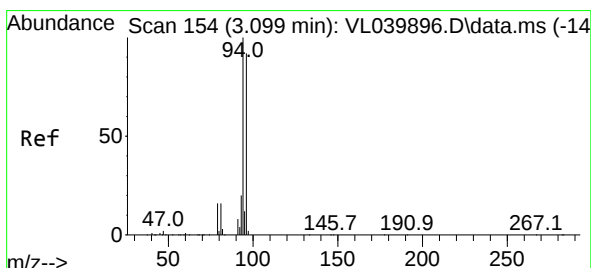
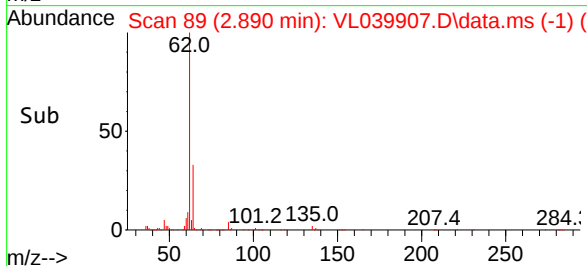
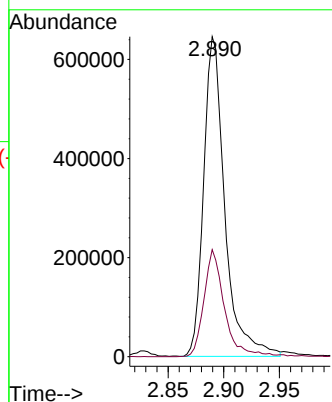
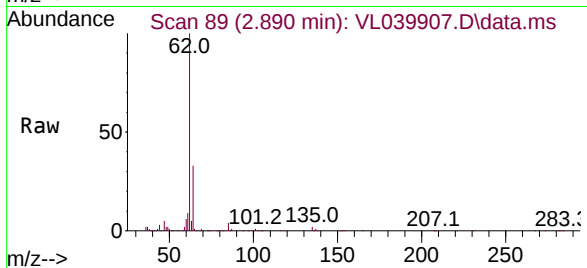




#5
 Vinyl Chloride
 Concen: 10.605 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

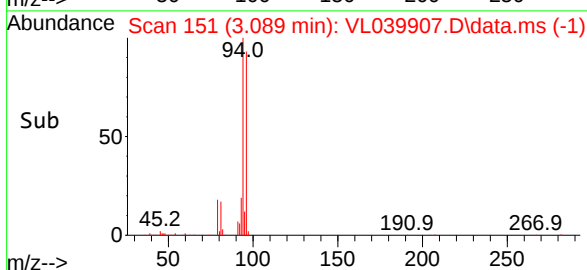
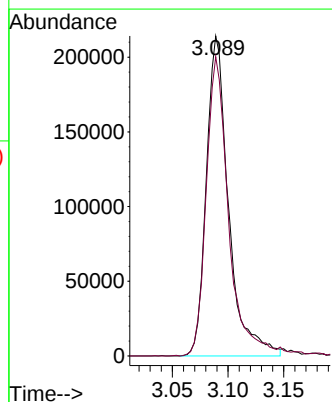
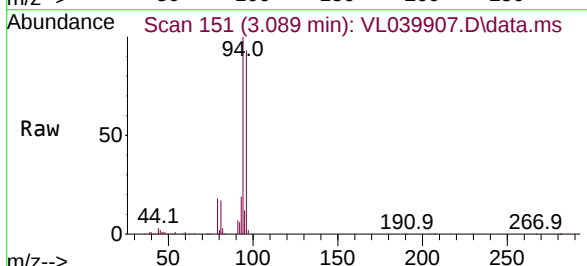
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1121ABS01

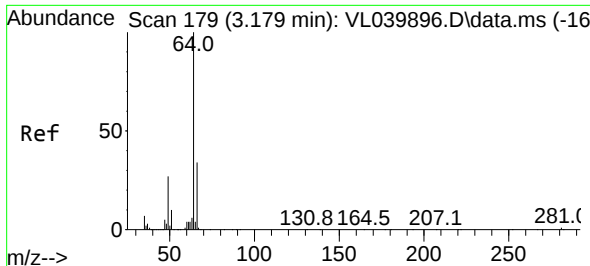
Tgt Ion: 62 Resp: 854986
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.7 38.5



#6
 Bromomethane
 Concen: 10.831 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 94 Resp: 297854
 Ion Ratio Lower Upper
 94 100
 96 93.5 73.7 110.5

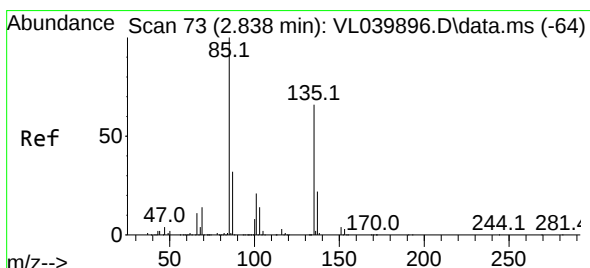
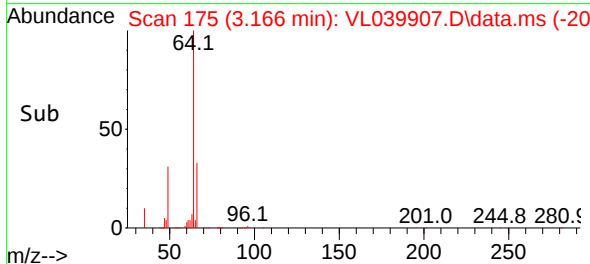
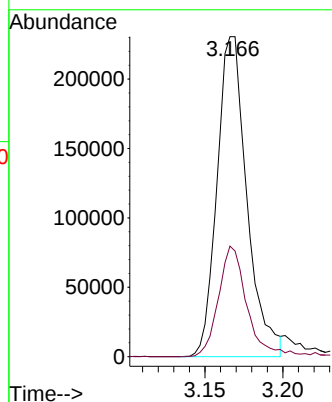
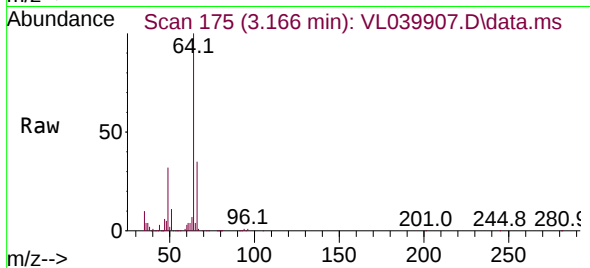




#7
Chloroethane
Concen: 9.671 ppbv
RT: 3.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

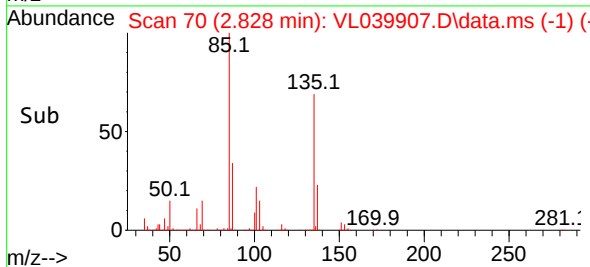
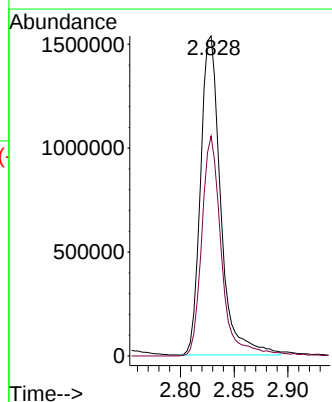
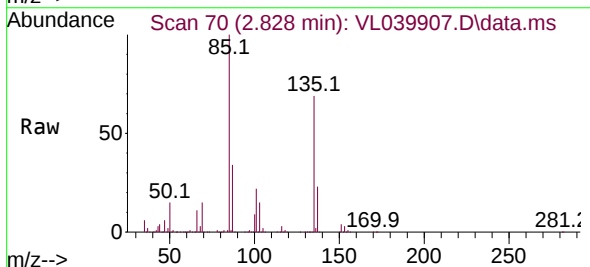
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

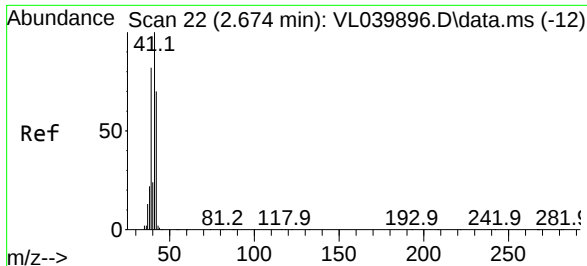
Tgt Ion: 64 Resp: 308202
Ion Ratio Lower Upper
64 100
66 34.5 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 10.438 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 85 Resp: 1997292
Ion Ratio Lower Upper
85 100
135 68.3 54.1 81.1

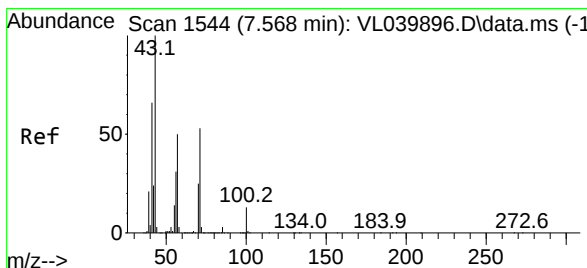
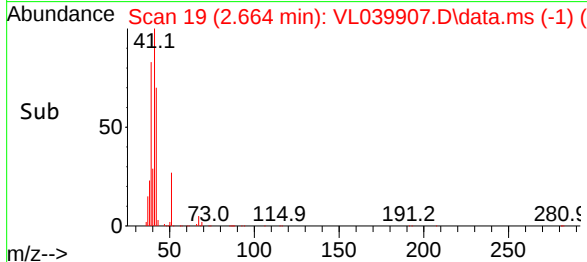
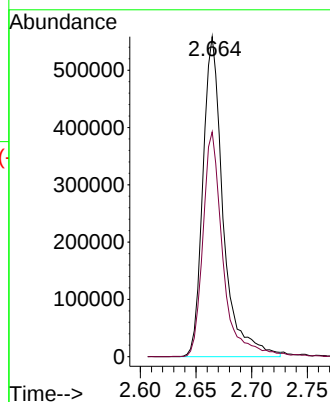
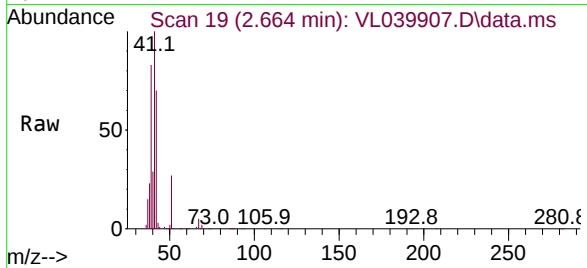




#9
 Propene
 Concen: 9.296 ppbv
 RT: 2.664 min Scan# 1538
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

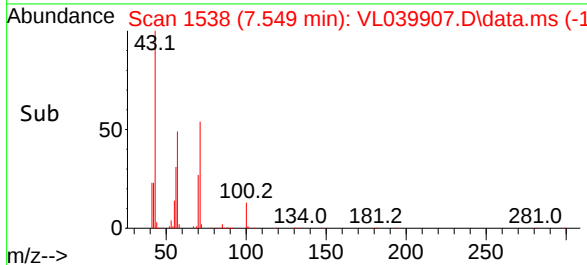
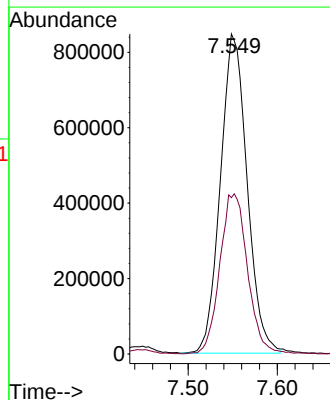
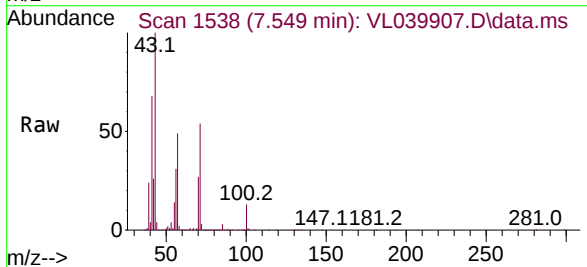
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1121ABS01

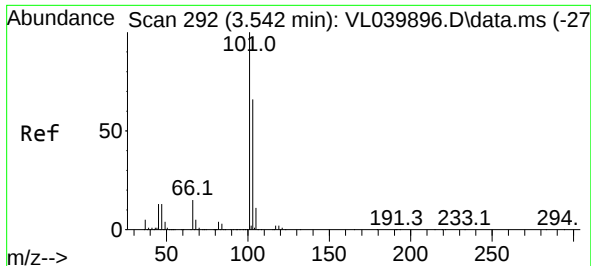
Tgt Ion: 41 Resp: 707044
 Ion Ratio Lower Upper
 41 100
 42 70.1 55.8 83.6



#10
 Heptane
 Concen: 9.602 ppbv
 RT: 7.549 min Scan# 1538
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 43 Resp: 1762163
 Ion Ratio Lower Upper
 43 100
 57 52.2 40.7 61.1

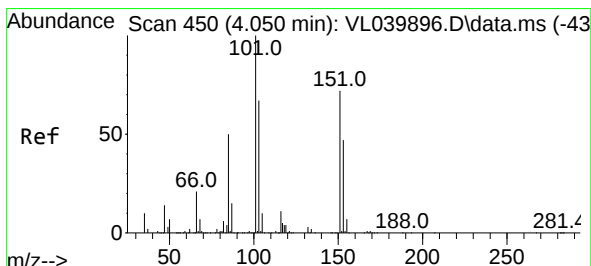
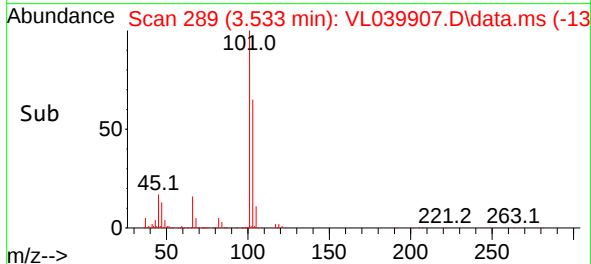
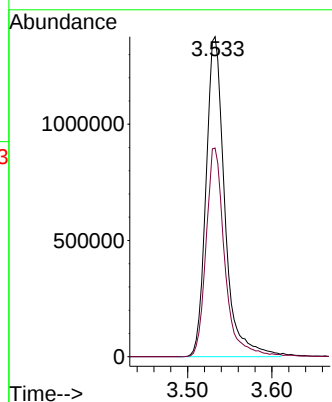
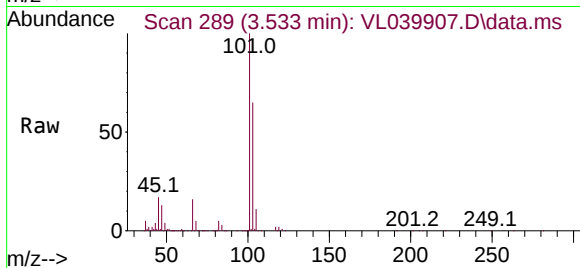




#11
 Trichlorofluoromethane
 Concen: 10.453 ppbv
 RT: 3.533 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

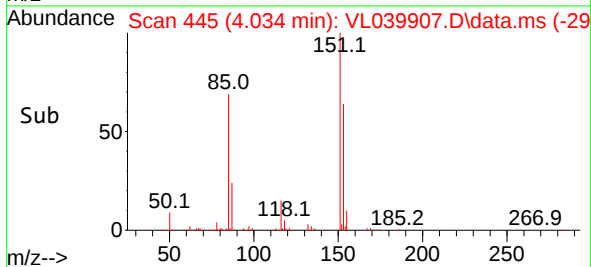
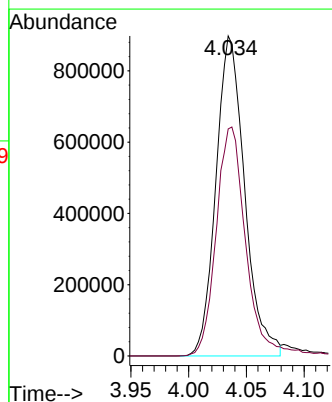
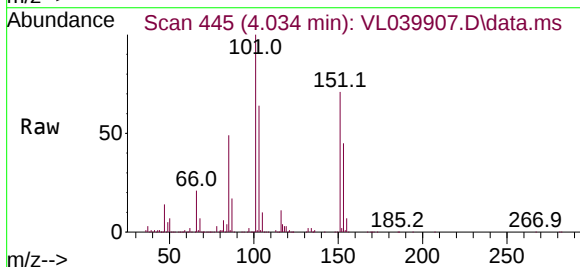
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1121ABS01

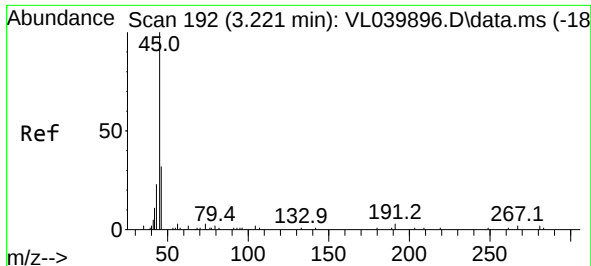
Tgt Ion:101 Resp: 2136528
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.053 ppbv
 RT: 4.034 min Scan# 445
 Delta R.T. -0.000 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion:101 Resp: 1555142
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.6 89.4

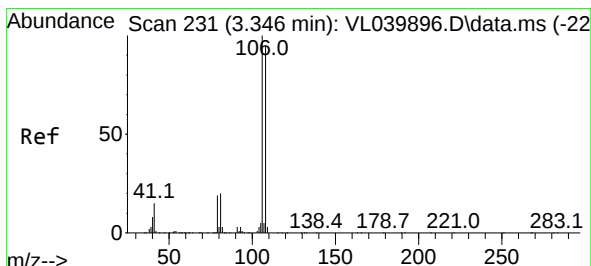
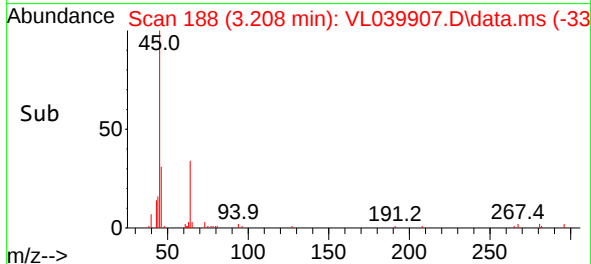
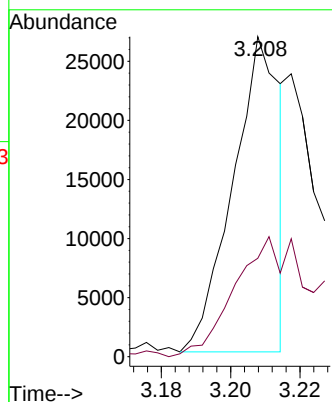
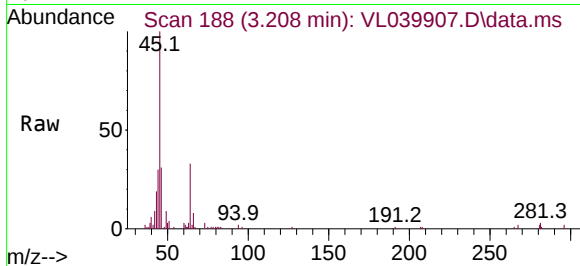




#13
 Ethanol
 Concen: 4.316 ppbv
 RT: 3.208 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

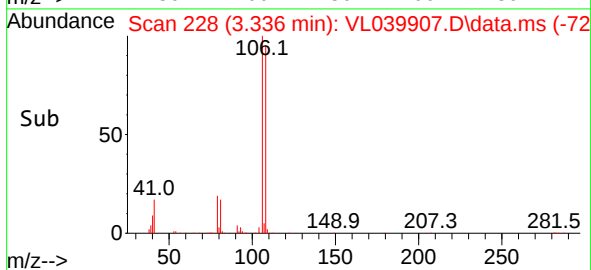
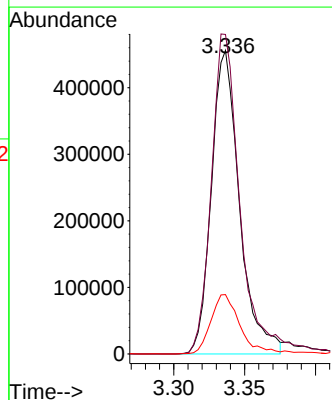
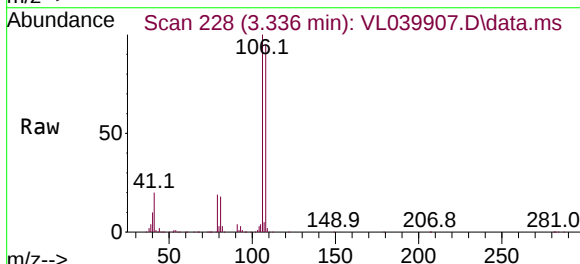
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01

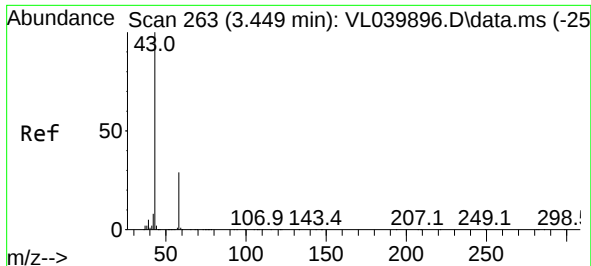
Tgt Ion: 45 Resp: 25061
 Ion Ratio Lower Upper
 45 100
 46 74.3 14.6 58.2#



#14
 Bromoethene
 Concen: 10.410 ppbv
 RT: 3.336 min Scan# 228
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 108 Resp: 628024
 Ion Ratio Lower Upper
 108 100
 106 110.3 87.3 130.9
 79 21.5 15.9 23.9

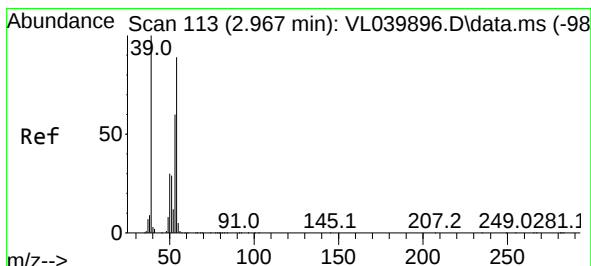
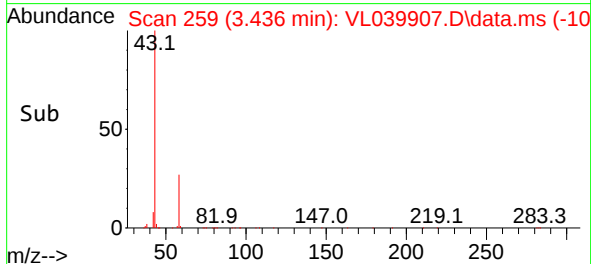
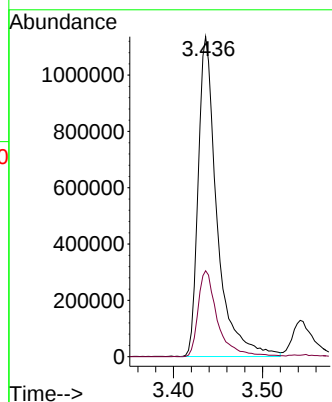
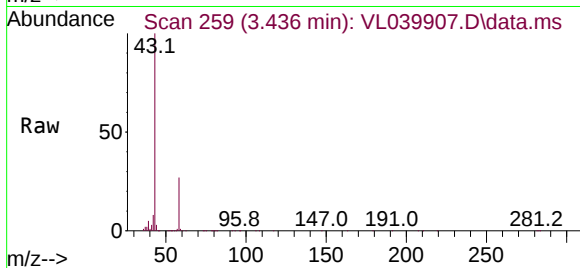




#15
Acetone
Concen: 10.746 ppbv
RT: 3.436 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

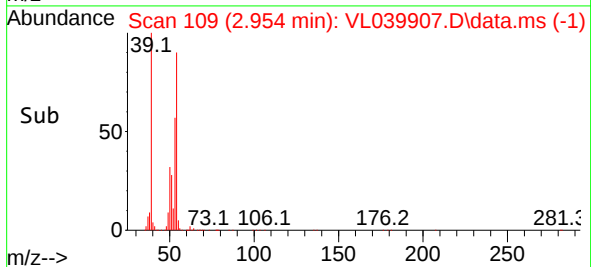
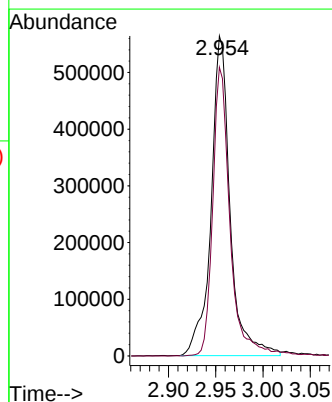
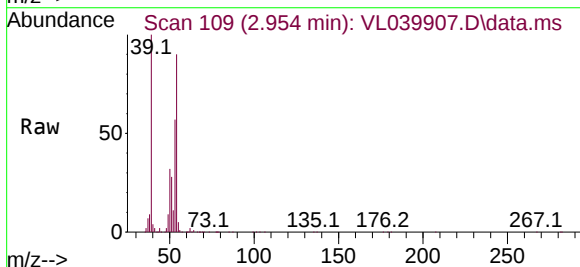
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

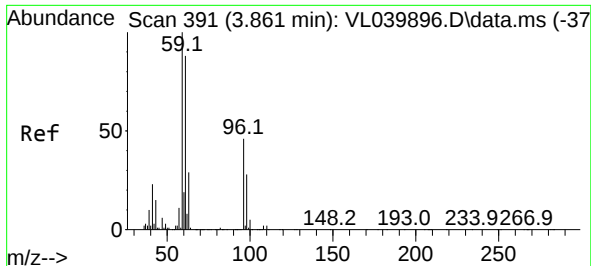
Tgt Ion: 43 Resp: 1667726
Ion Ratio Lower Upper
43 100
58 27.9 22.9 34.3



#16
1,3-Butadiene
Concen: 10.218 ppbv
RT: 2.954 min Scan# 109
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 39 Resp: 790329
Ion Ratio Lower Upper
39 100
54 82.9 66.6 99.8





#17

tert-Butyl alcohol

Concen: 10.468 ppbv

RT: 3.844 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_1

ClientSampleId :

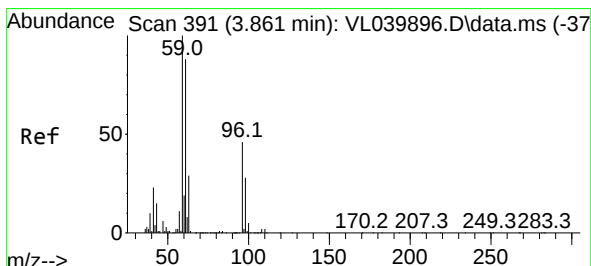
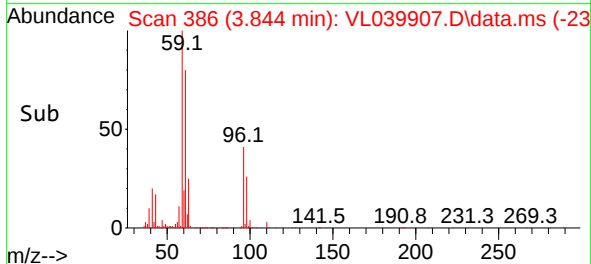
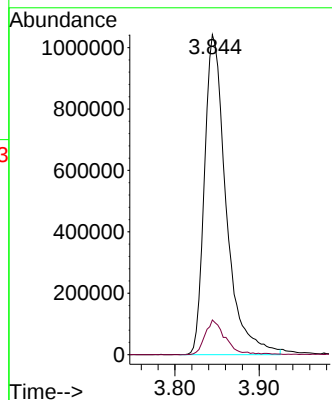
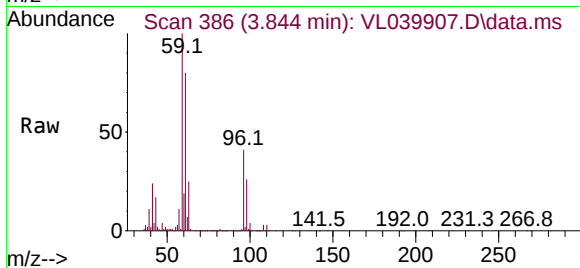
VL1121ABS01

Tgt Ion: 59 Resp: 1867897

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



#18

1,1-Dichloroethene

Concen: 10.192 ppbv

RT: 3.848 min Scan# 387

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

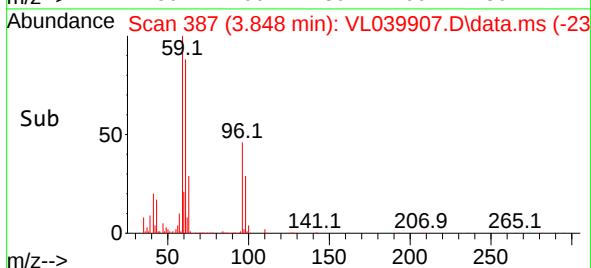
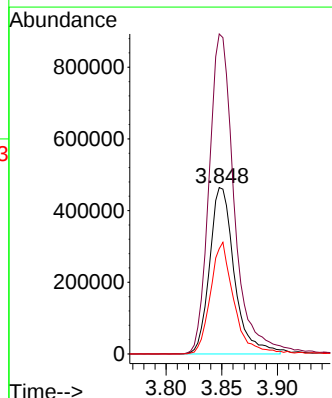
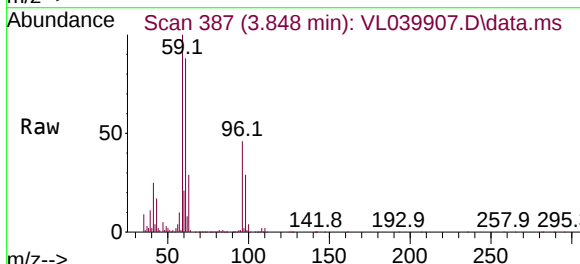
Tgt Ion: 96 Resp: 719197

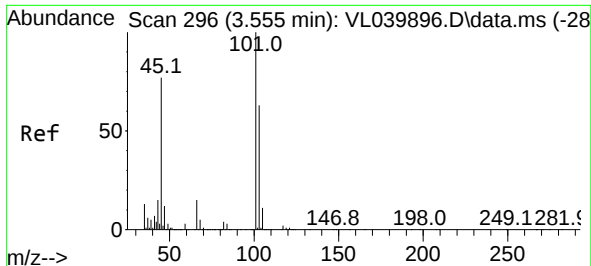
Ion Ratio Lower Upper

96 100

61 192.1 153.4 230.2

98 63.3 48.9 73.3

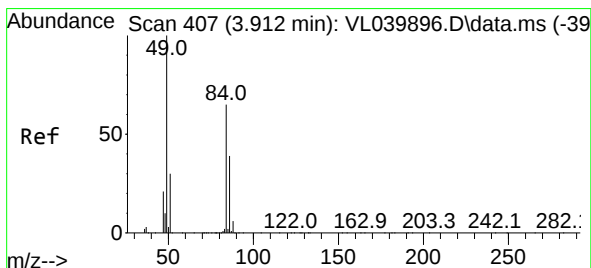
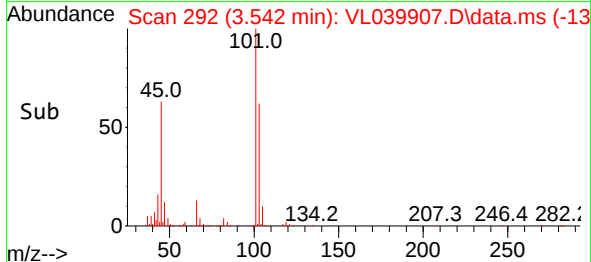
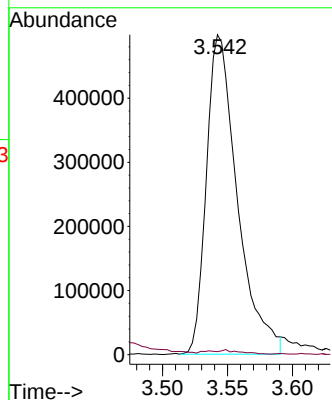
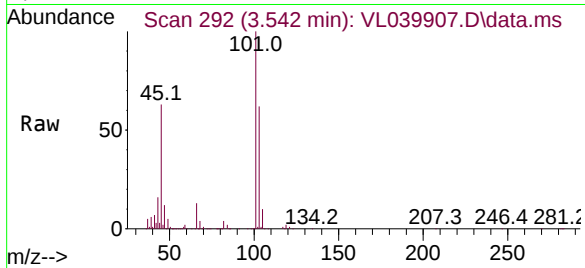




#19
Isopropyl Alcohol
Concen: 9.817 ppbv
RT: 3.542 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

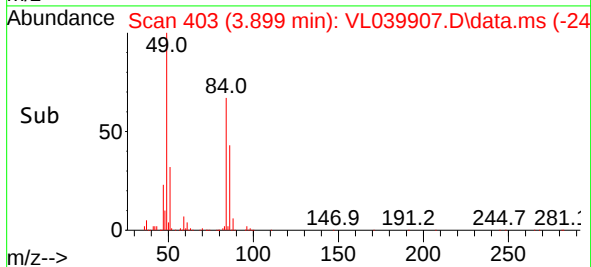
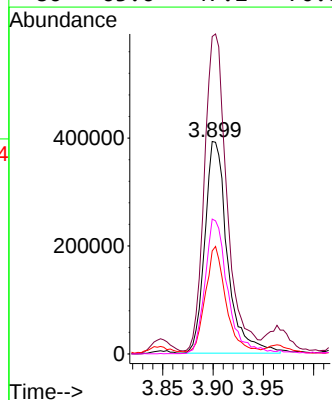
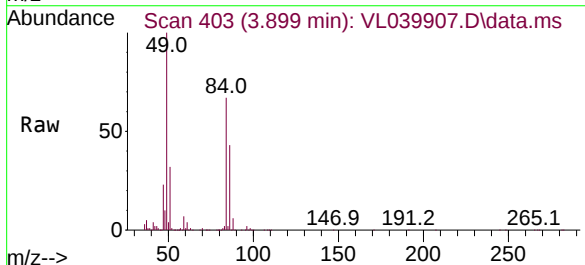
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

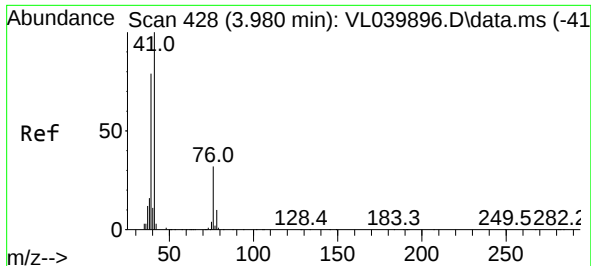
Tgt Ion: 45 Resp: 824873
Ion Ratio Lower Upper
45 100
58 56.5 38.7 58.1



#20
Methylene Chloride
Concen: 8.172 ppbv
RT: 3.899 min Scan# 403
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 84 Resp: 614471
Ion Ratio Lower Upper
84 100
49 148.3 122.2 183.4
51 47.5 36.3 54.5
86 63.6 47.2 70.8

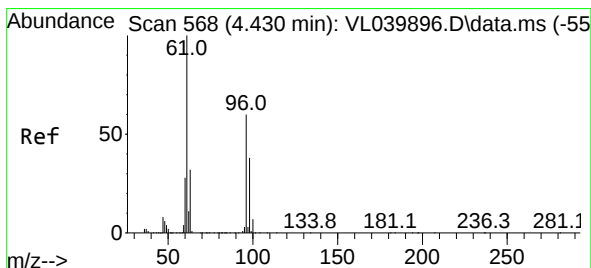
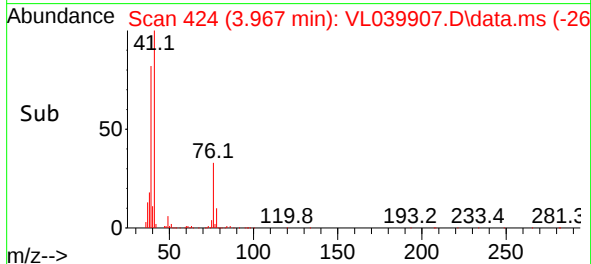
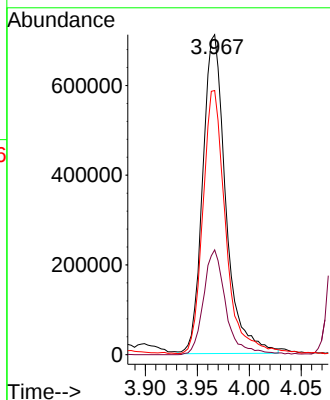
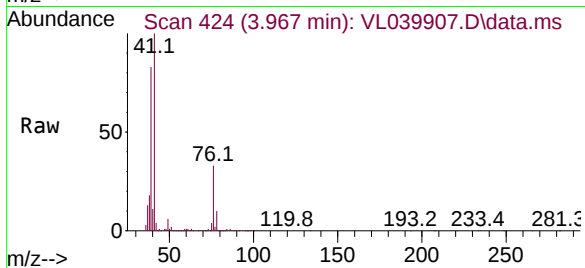




#21
 Allyl Chloride
 Concen: 10.178 ppbv
 RT: 3.967 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

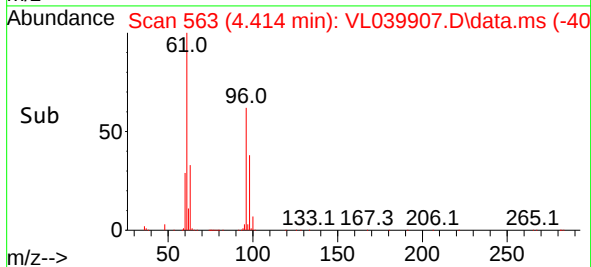
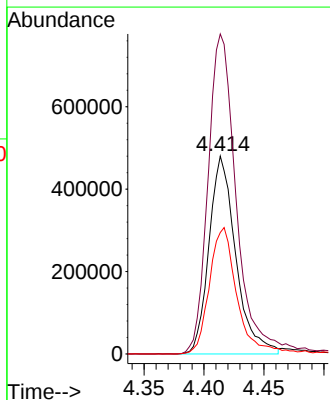
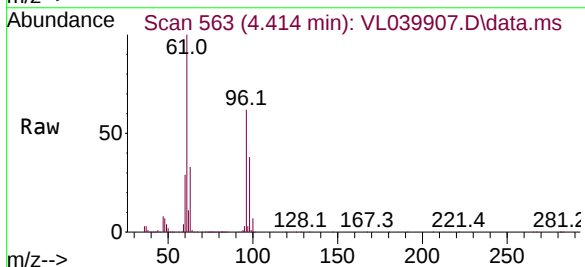
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1121ABS01

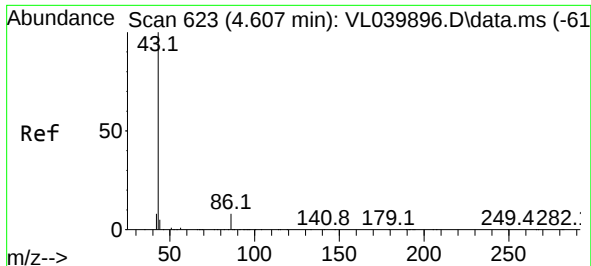
Tgt Ion: 41 Resp: 1095713
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.6 38.4
 39 82.4 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 10.411 ppbv
 RT: 4.414 min Scan# 563
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 96 Resp: 747155
 Ion Ratio Lower Upper
 96 100
 61 161.6 134.1 201.1
 98 61.4 50.4 75.6

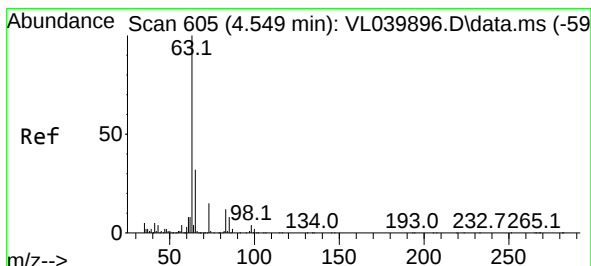
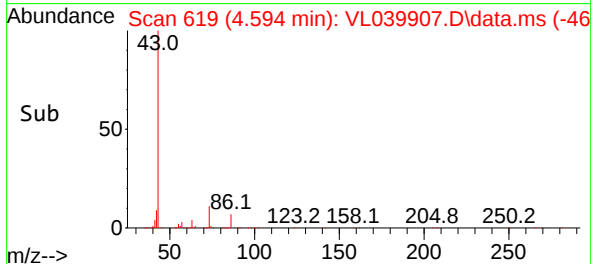
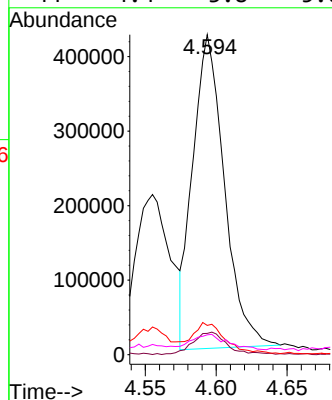
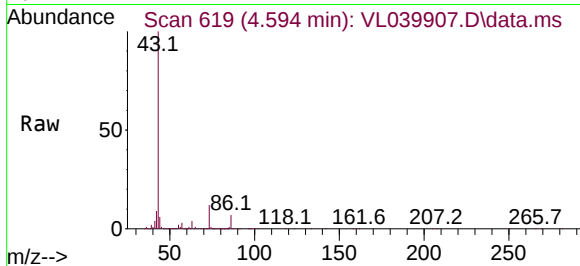




#23
 Vinyl Acetate
 Concen: 10.228 ppbv
 RT: 4.594 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

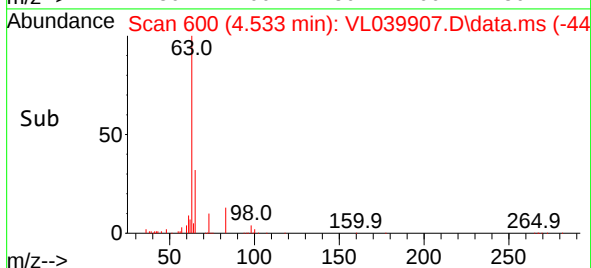
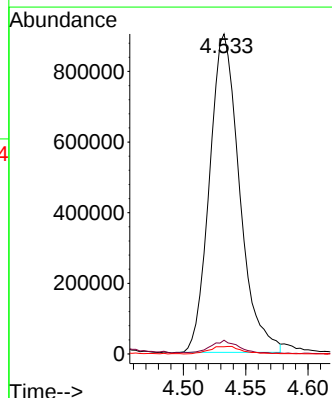
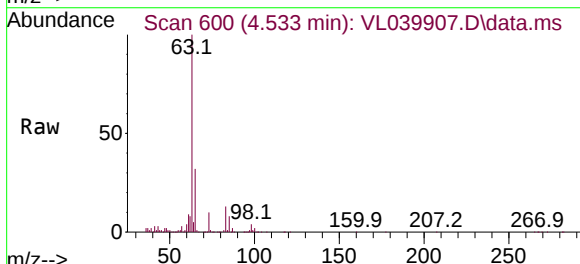
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1121ABS01

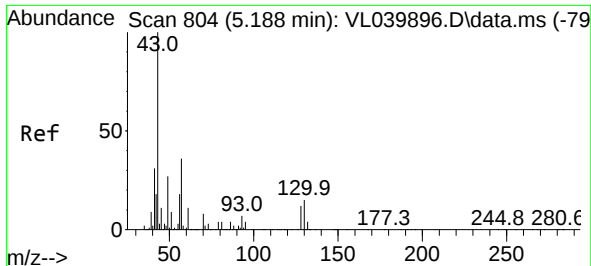
Tgt Ion: 43 Resp: 652143
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.0 7.4
 42 9.1 7.6 11.4
 44 4.4 3.8 5.6



#24
 1,1-Dichloroethane
 Concen: 9.826 ppbv
 RT: 4.533 min Scan# 600
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 63 Resp: 1510632
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.5
 100 2.2 1.1 3.5





#25

Ethyl Acetate

Concen: 9.947 ppbv

RT: 5.172 min Scan# 79

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion: 43 Resp: 2834433

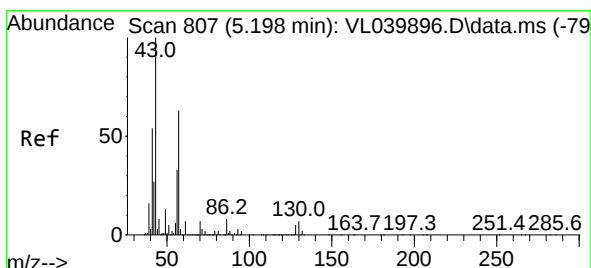
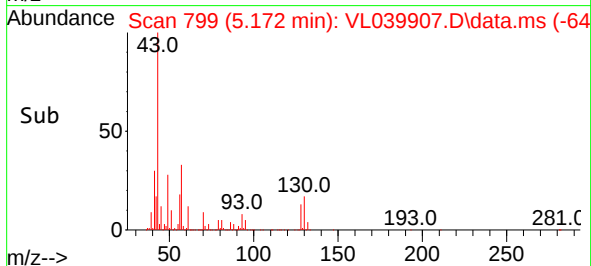
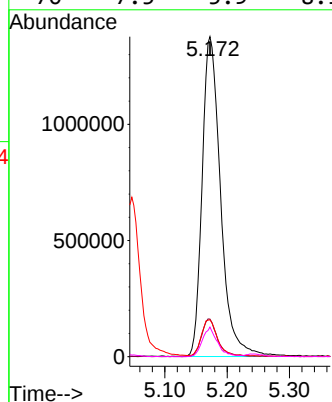
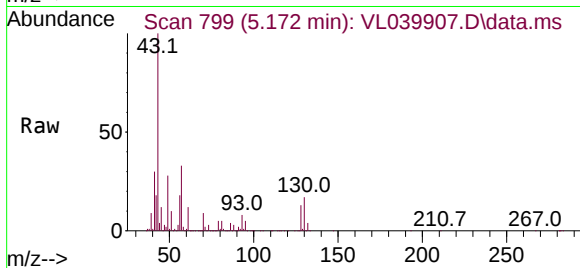
Ion Ratio Lower Upper

43 100

45 10.5 8.4 12.6

61 10.8 8.5 12.7

70 7.5 5.9 8.9



#26

Hexane

Concen: 9.641 ppbv

RT: 5.182 min Scan# 802

Delta R.T. -0.000 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Tgt Ion: 57 Resp: 1200037

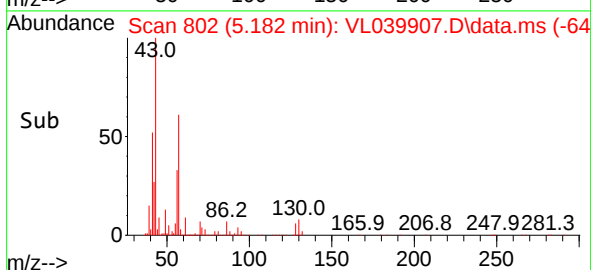
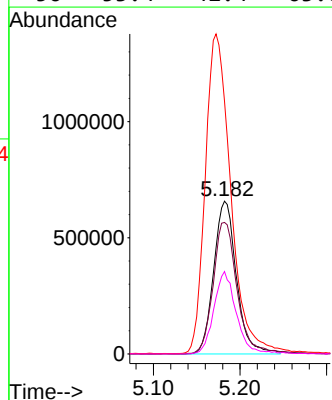
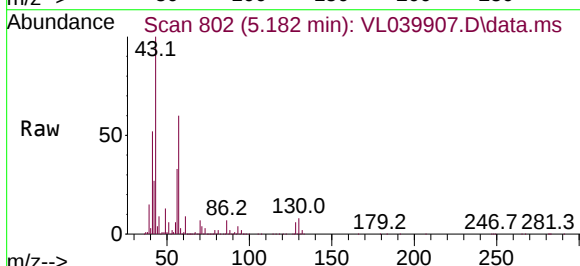
Ion Ratio Lower Upper

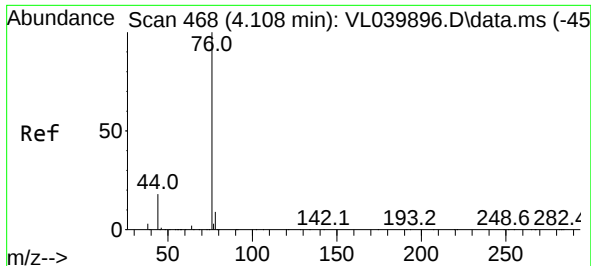
57 100

41 91.4 72.3 108.5

43 237.0 188.7 283.1

56 53.4 42.4 63.6

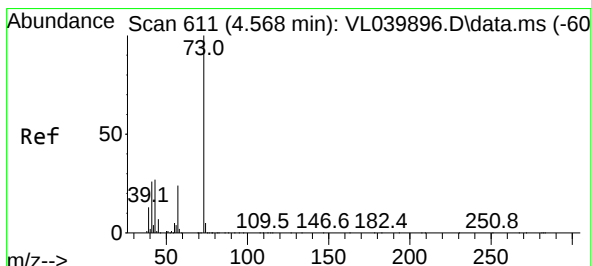
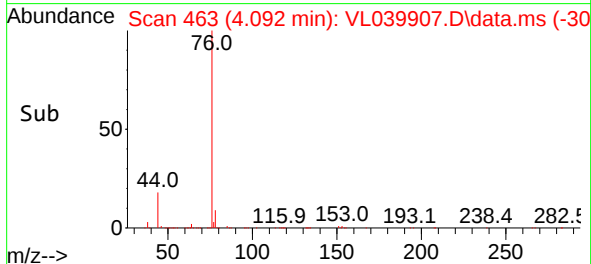
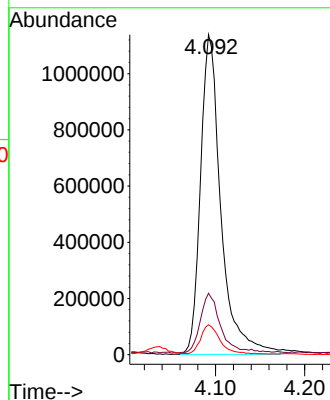
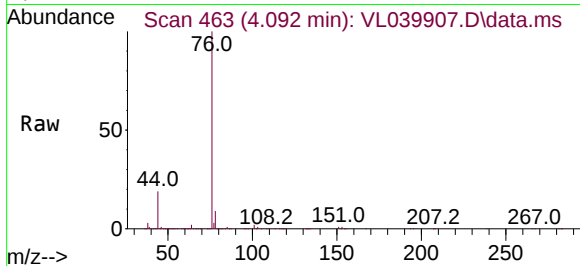




#27
Carbon Disulfide
Concen: 11.507 ppbv
RT: 4.092 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

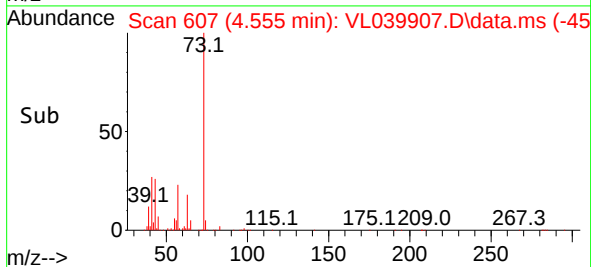
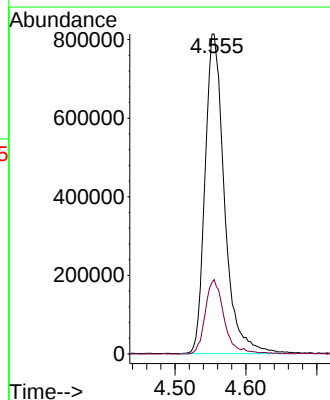
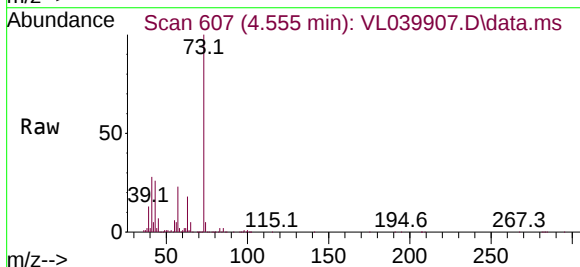
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

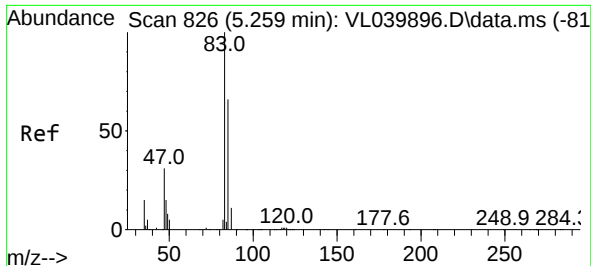
Tgt Ion: 76 Resp: 1808392
Ion Ratio Lower Upper
76 100
44 18.4 14.7 22.1
78 9.3 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.934 ppbv
RT: 4.555 min Scan# 607
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 73 Resp: 1548250
Ion Ratio Lower Upper
73 100
57 22.8 18.9 28.3





#29

Chloroform

Concen: 10.736 ppbv

RT: 5.243 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

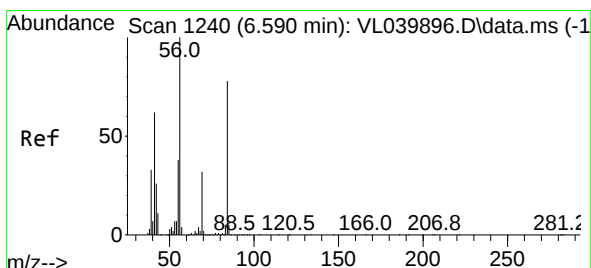
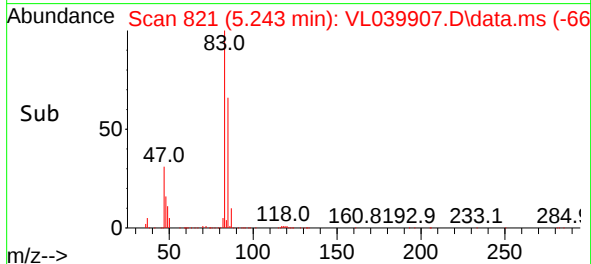
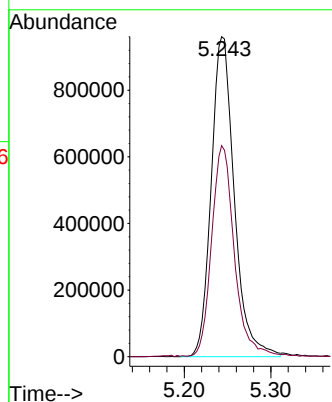
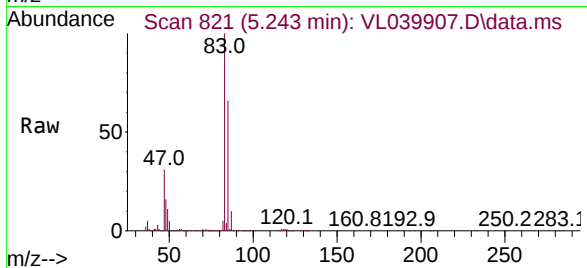
VL1121ABS01

Tgt Ion: 83 Resp: 1775904

Ion Ratio Lower Upper

83 100

85 65.8 52.4 78.6



#30

Cyclohexane

Concen: 9.652 ppbv

RT: 6.571 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

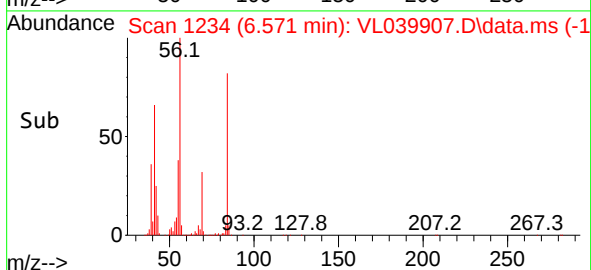
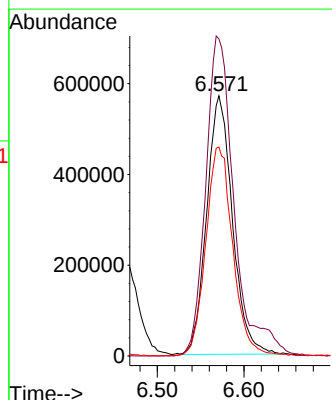
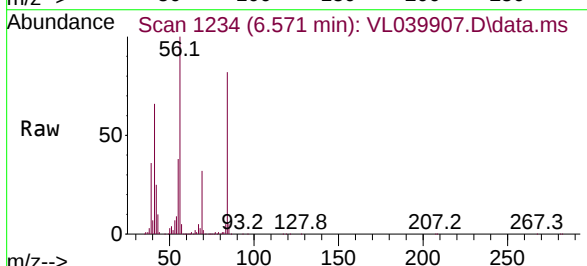
Tgt Ion: 84 Resp: 1178989

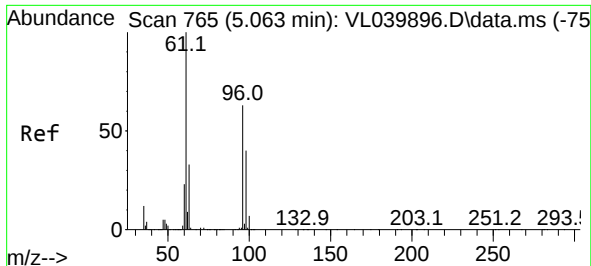
Ion Ratio Lower Upper

84 100

56 137.1 112.5 168.7

41 84.2 67.8 101.8

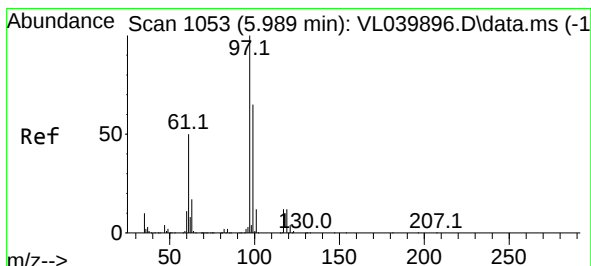
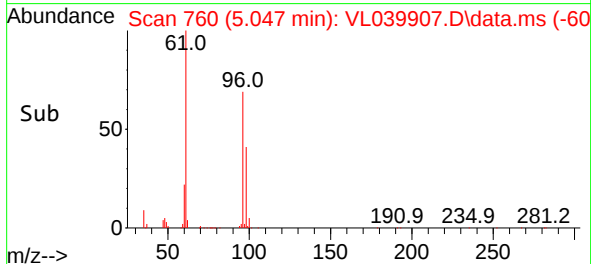
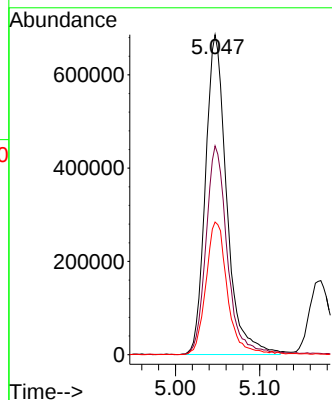
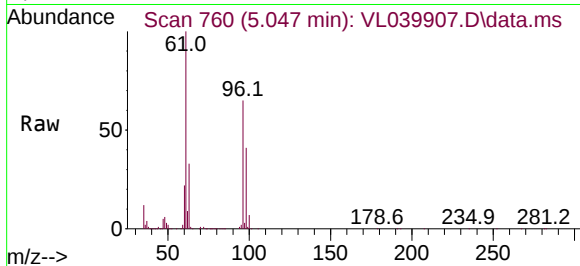




#31
 cis-1,2-Dichloroethene
 Concen: 10.482 ppbv
 RT: 5.047 min Scan# 7
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

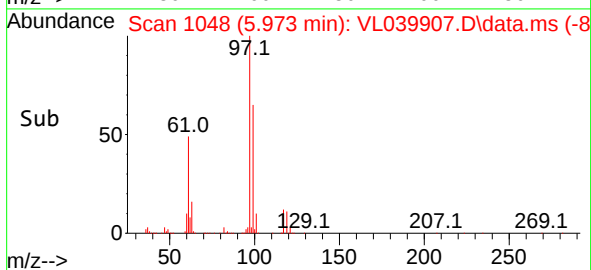
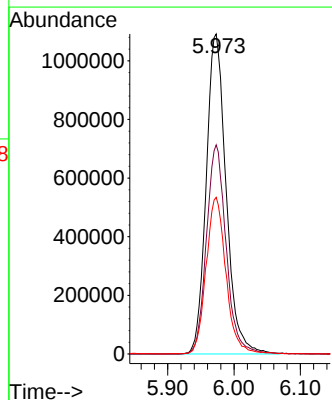
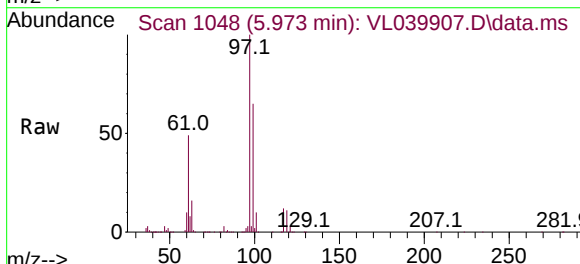
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1121ABS01

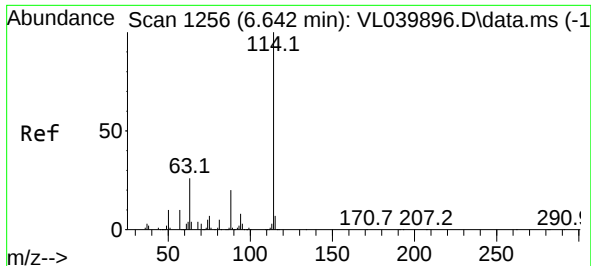
Tgt Ion: 61 Resp: 1205476
 Ion Ratio Lower Upper
 61 100
 96 65.2 50.3 75.5
 98 41.4 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 11.020 ppbv
 RT: 5.973 min Scan# 1048
 Delta R.T. 0.006 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 97 Resp: 2276567
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.4 77.0
 61 48.8 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.623 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

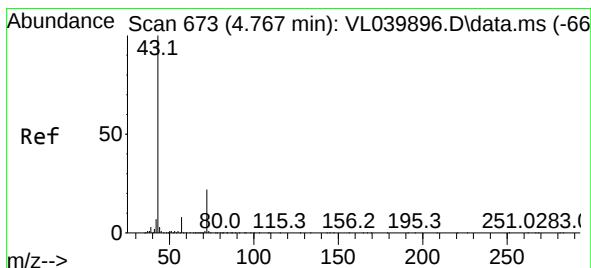
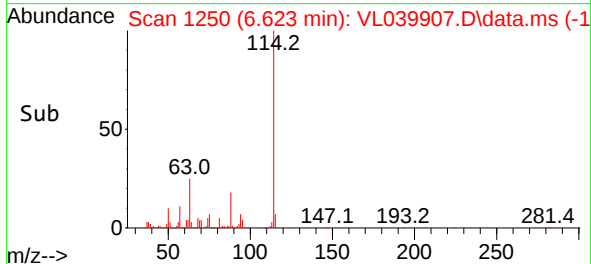
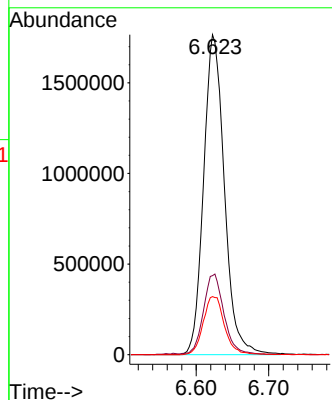
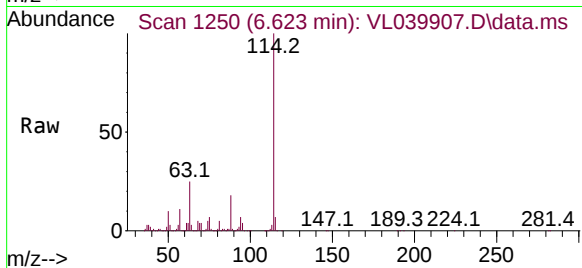
Tgt Ion:114 Resp: 3517863

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

88 18.6 15.3 22.9



#34

2-Butanone

Concen: 10.114 ppbv

RT: 4.754 min Scan# 669

Delta R.T. 0.003 min

Lab File: VL039907.D

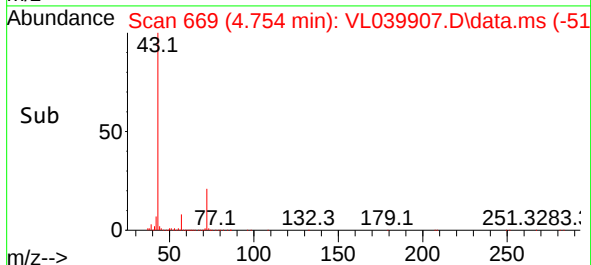
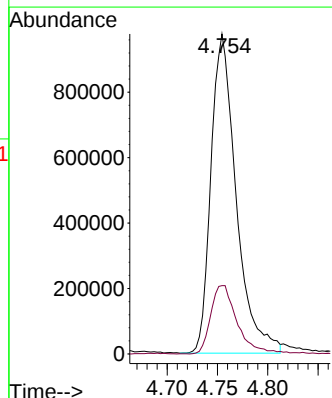
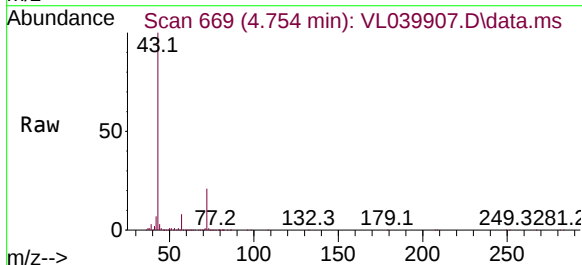
Acq: 21 Nov 2022 12:17

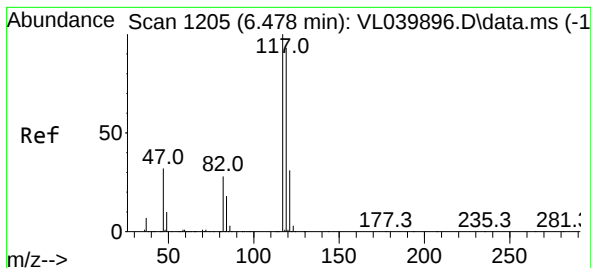
Tgt Ion: 43 Resp: 1702480

Ion Ratio Lower Upper

43 100

72 22.6 17.4 26.2





#35

Carbon Tetrachloride

Concen: 11.649 ppbv

RT: 6.462 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

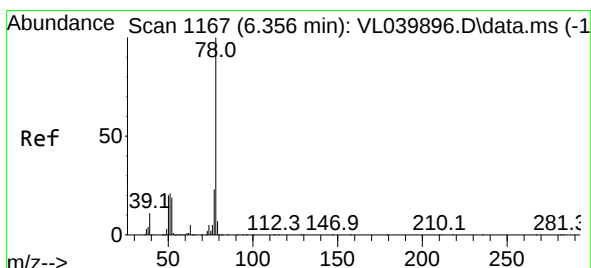
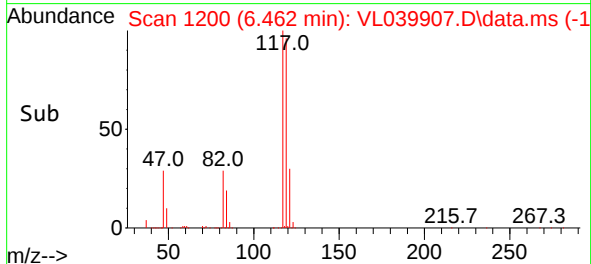
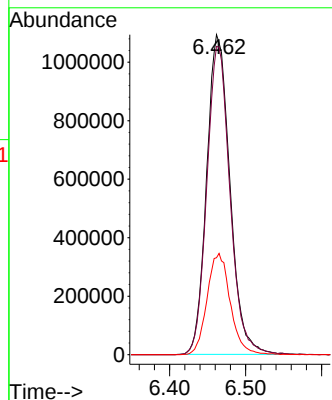
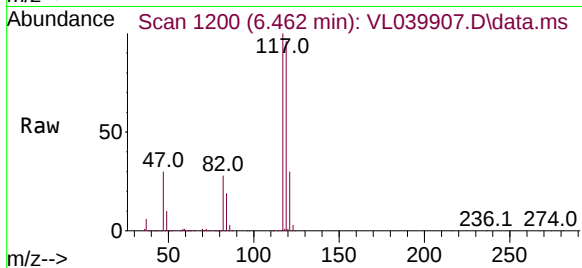
Tgt Ion:117 Resp: 2327182

Ion Ratio Lower Upper

117 100

119 96.4 74.7 112.1

121 30.3 24.5 36.7



#36

Benzene

Concen: 9.951 ppbv

RT: 6.340 min Scan# 1162

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

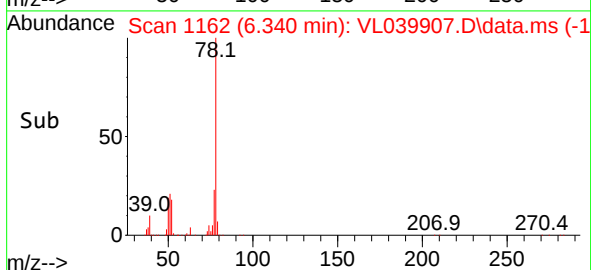
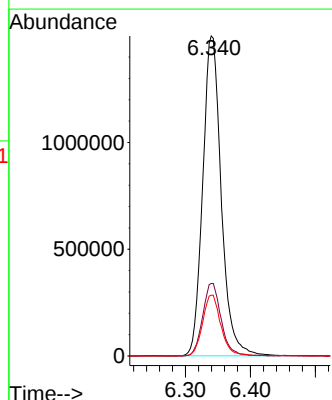
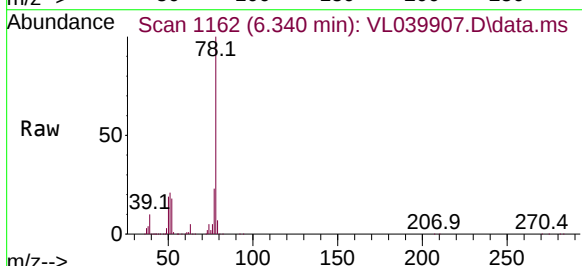
Tgt Ion: 78 Resp: 2975629

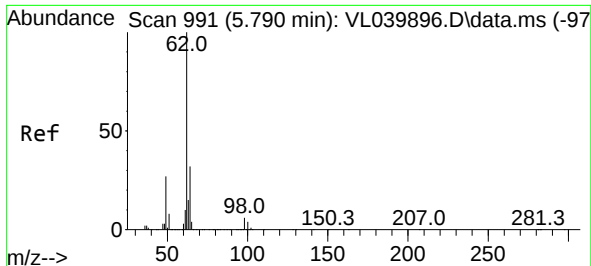
Ion Ratio Lower Upper

78 100

77 22.6 18.2 27.2

50 19.0 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.561 ppbv

RT: 5.777 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

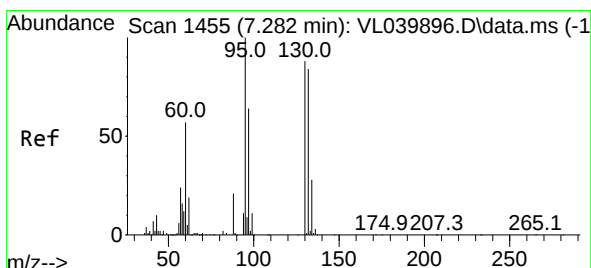
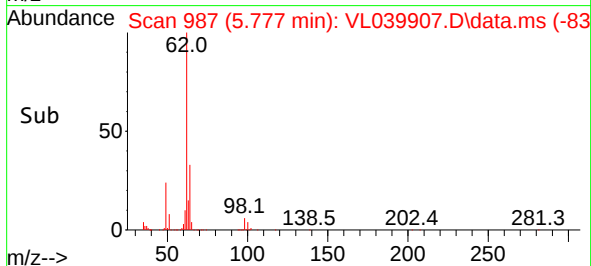
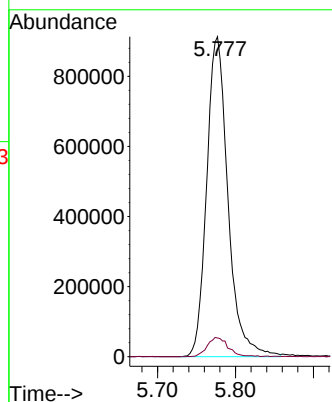
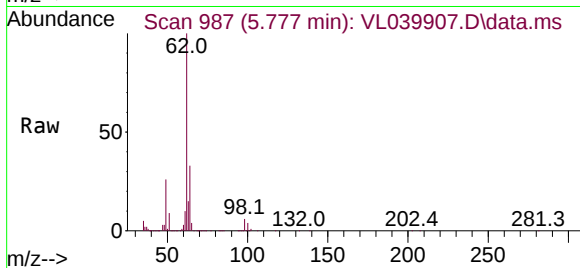
VL1121ABS01

Tgt Ion: 62 Resp: 1730517

Ion Ratio Lower Upper

62 100

98 6.0 5.0 7.6



#38

Trichloroethene

Concen: 9.940 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.006 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Tgt Ion:130 Resp: 1661546

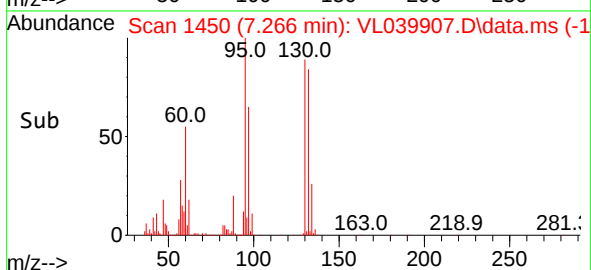
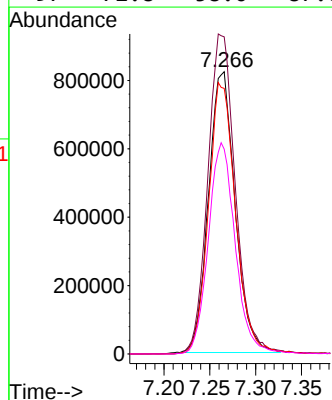
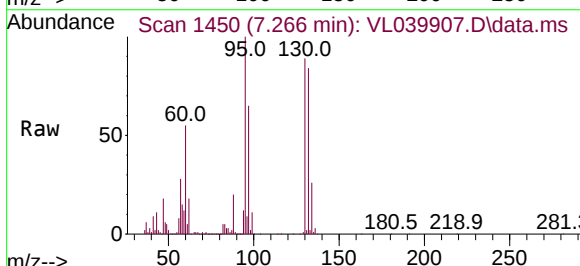
Ion Ratio Lower Upper

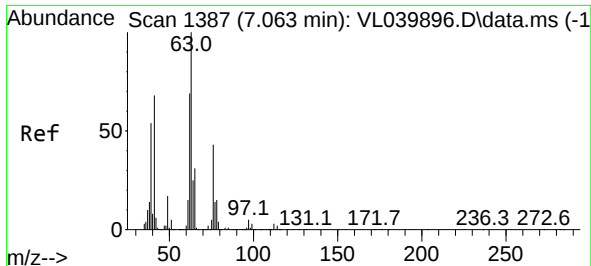
130 100

95 112.5 90.6 135.8

132 94.3 76.2 114.4

97 72.8 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.667 ppbv

RT: 7.047 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

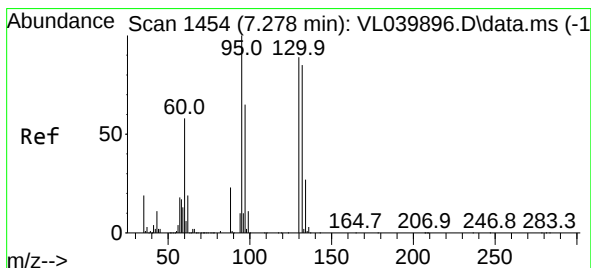
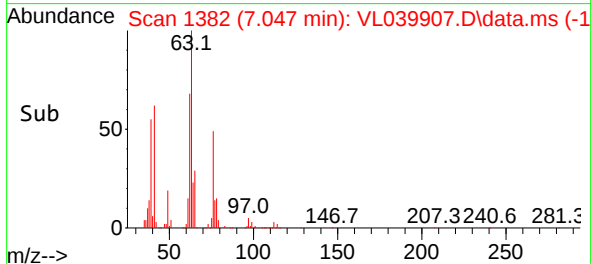
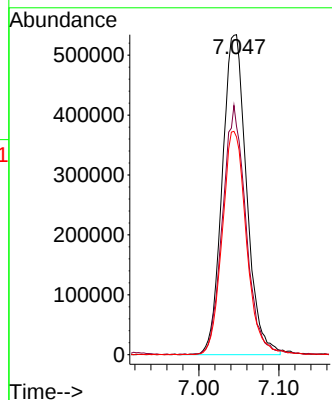
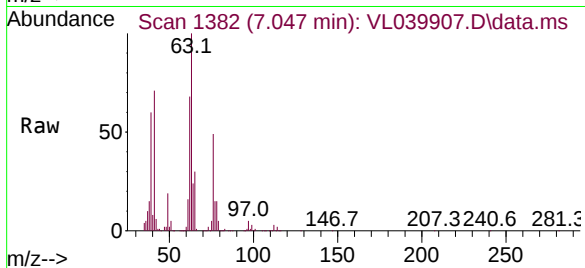
Tgt Ion: 63 Resp: 1126218

Ion Ratio Lower Upper

63 100

41 71.1 54.7 82.1

62 68.1 55.0 82.6



#40

1,4-Dioxane

Concen: 9.886 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Tgt Ion: 88 Resp: 458808

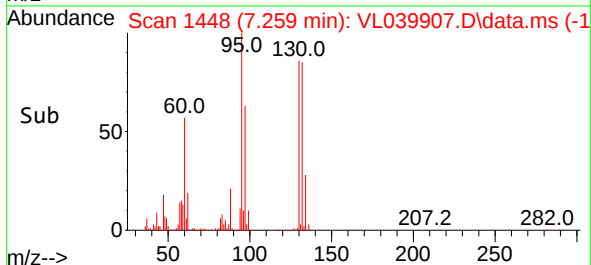
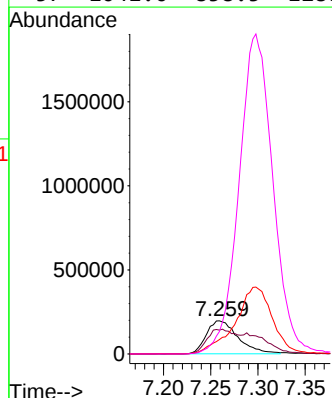
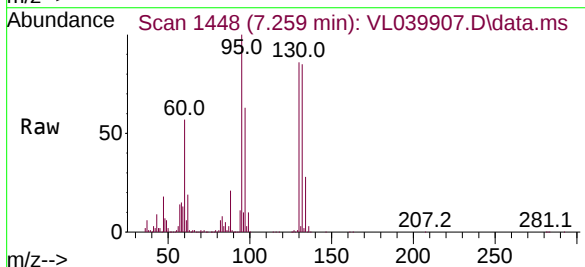
Ion Ratio Lower Upper

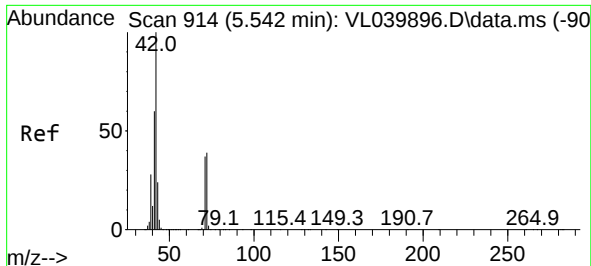
88 100

58 120.4 100.5 150.7

43 238.9 195.8 293.8

57 1041.0 858.5 1287.7





#41

Tetrahydrofuran

Concen: 9.695 ppbv

RT: 5.526 min Scan# 909

Delta R.T. 0.003 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

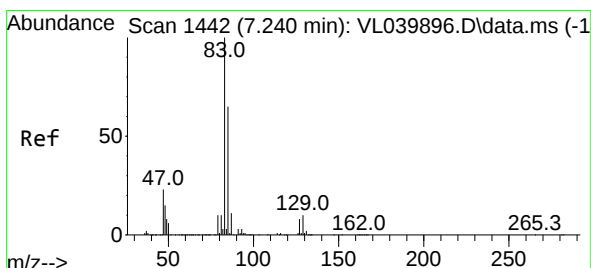
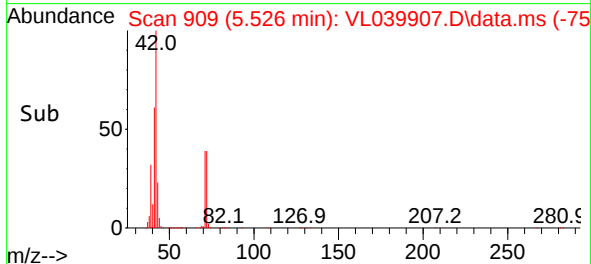
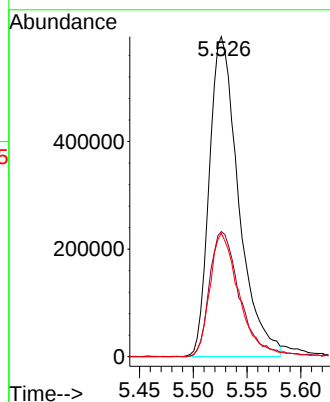
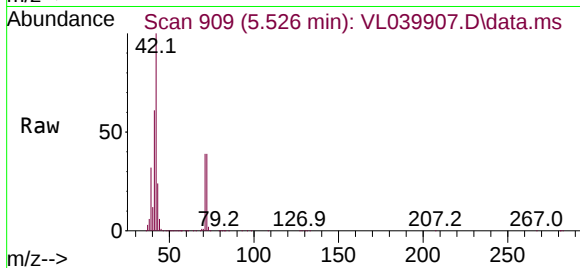
MSVOA_L

ClientSampleId :

VL1121ABS01

Tgt Ion: 42 Resp: 1126697

Ion	Ratio	Lower	Upper
42	100		
72	41.4	31.6	47.4
71	39.5	31.2	46.8



#42

Bromodichloromethane

Concen: 11.060 ppbv

RT: 7.221 min Scan# 1436

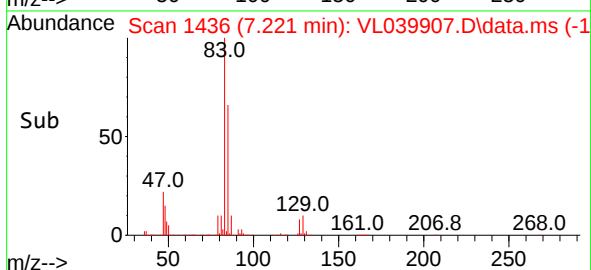
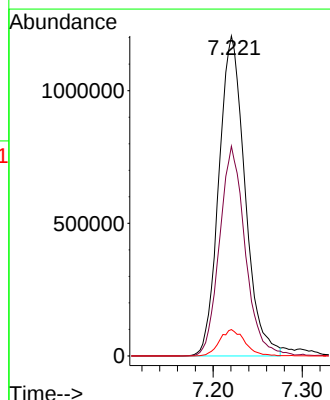
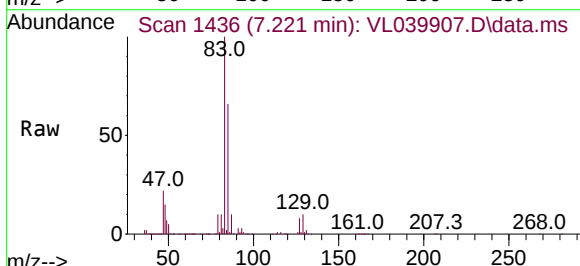
Delta R.T. 0.003 min

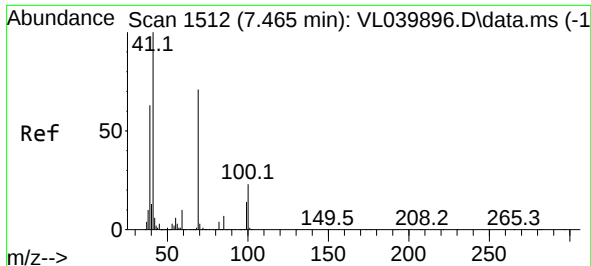
Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Tgt Ion: 83 Resp: 2457826

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0
127	8.2	6.5	9.7



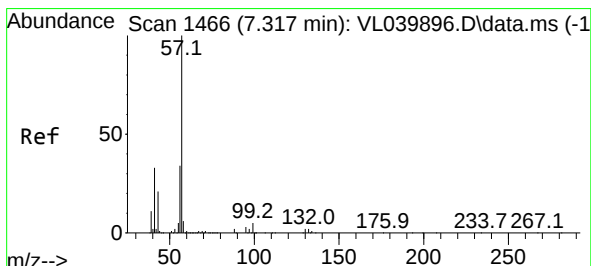
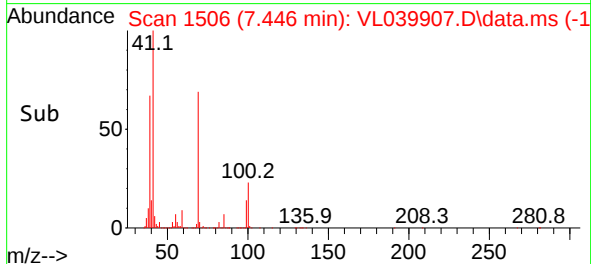
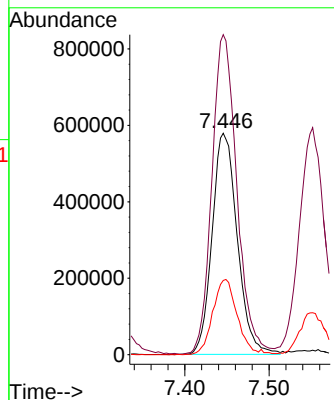
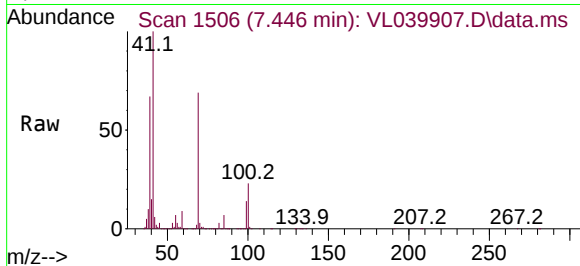


#43
Methyl Methacrylate
Concen: 10.246 ppbv
RT: 7.446 min Scan# 1506
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

Tgt Ion: 69 Resp: 1201132

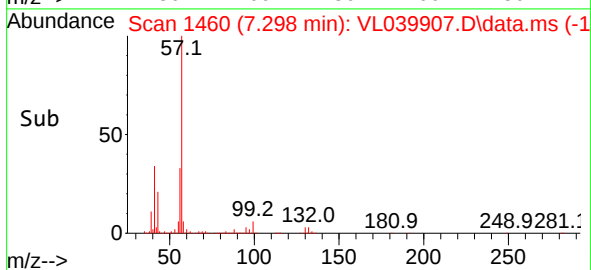
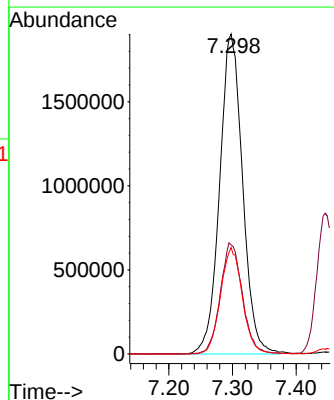
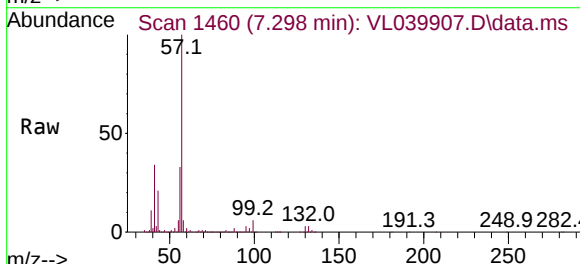
Ion	Ratio	Lower	Upper
69	100		
41	143.4	116.4	174.6
100	33.2	26.8	40.2

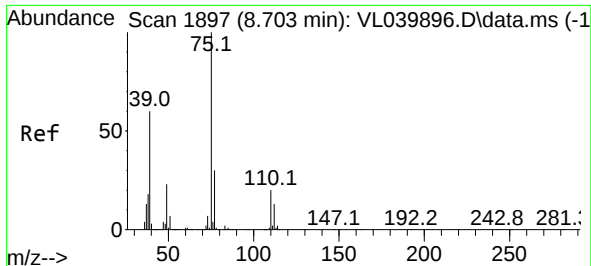


#44
2,2,4-Trimethylpentane
Concen: 9.543 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 57 Resp: 4763863

Ion	Ratio	Lower	Upper
57	100		
41	33.4	26.2	39.2
56	31.7	25.5	38.3

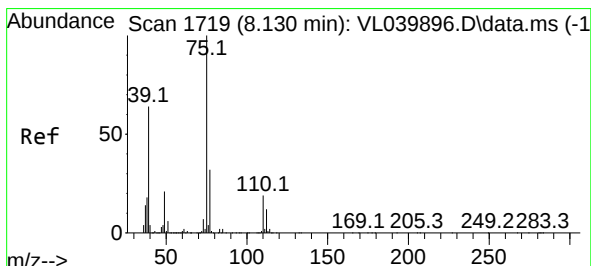
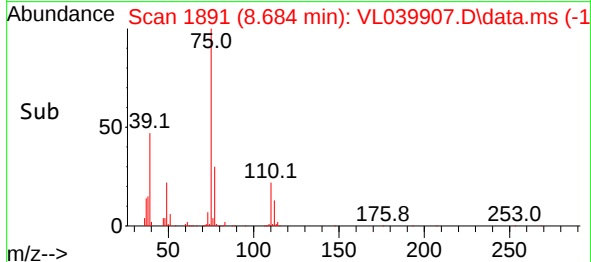
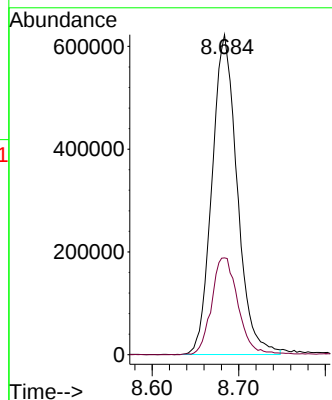
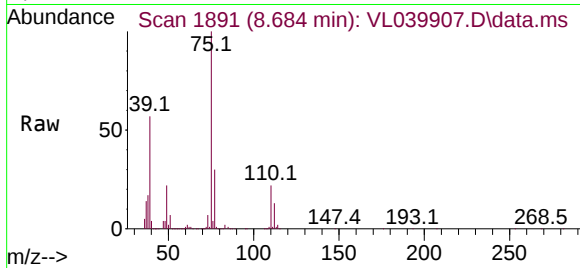




#45
 t-1,3-Dichloropropene
 Concen: 11.609 ppbv
 RT: 8.684 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

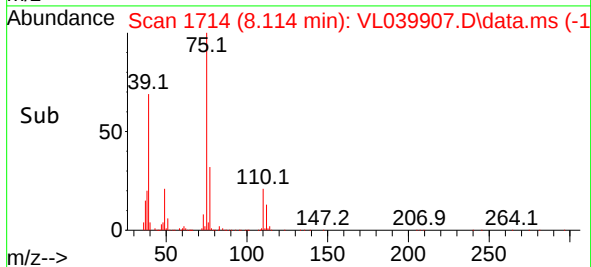
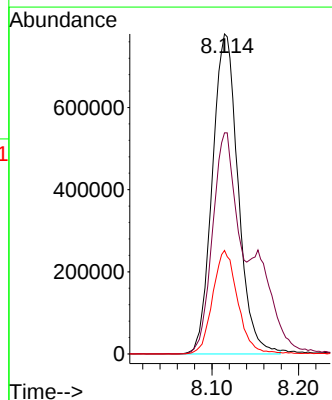
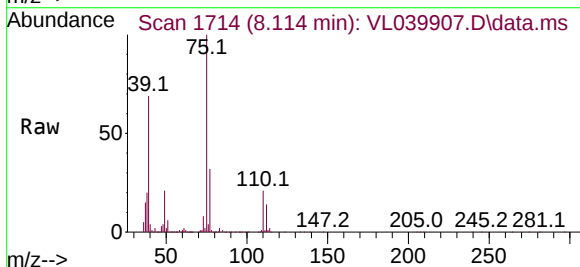
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01

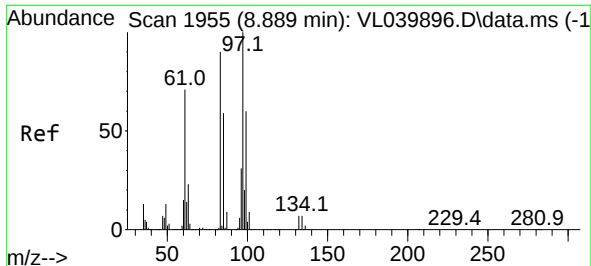
Tgt Ion: 75 Resp: 1257391
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4



#46
 cis-1,3-Dichloropropene
 Concen: 10.739 ppbv
 RT: 8.114 min Scan# 1714
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 75 Resp: 1611303
 Ion Ratio Lower Upper
 75 100
 39 69.0 51.0 76.4
 77 32.3 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 10.109 ppbv

RT: 8.873 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_1

ClientSampleId :

VL1121ABS01

Tgt Ion: 97 Resp: 1210339

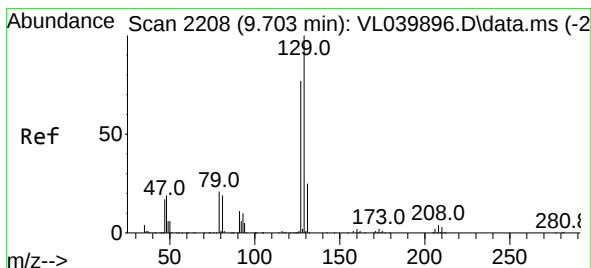
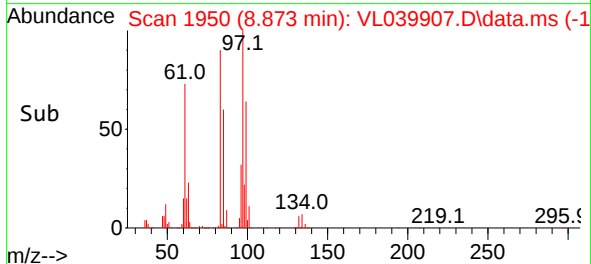
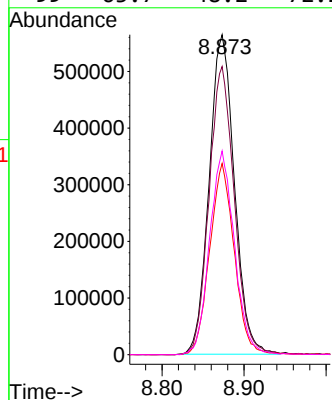
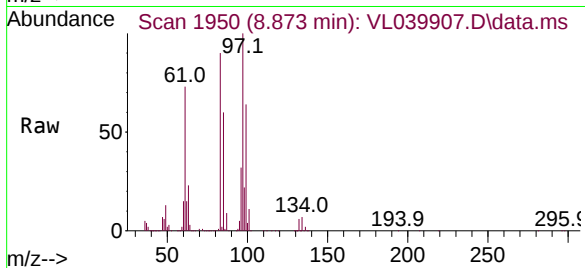
Ion Ratio Lower Upper

97 100

83 90.0 72.1 108.1

85 59.8 47.2 70.8

99 63.7 48.2 72.2



#48

Dibromochloromethane

Concen: 11.824 ppbv

RT: 9.683 min Scan# 2202

Delta R.T. 0.003 min

Lab File: VL039907.D

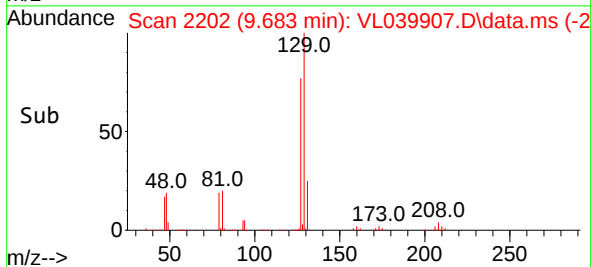
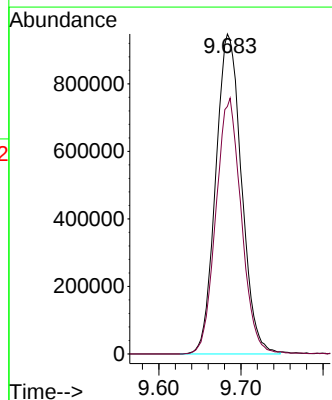
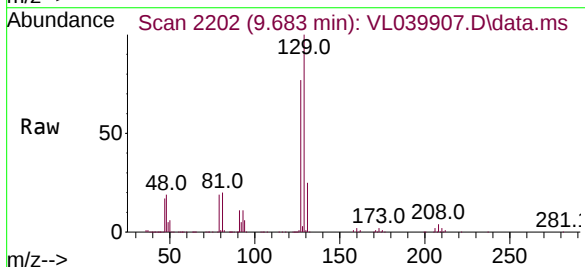
Acq: 21 Nov 2022 12:17

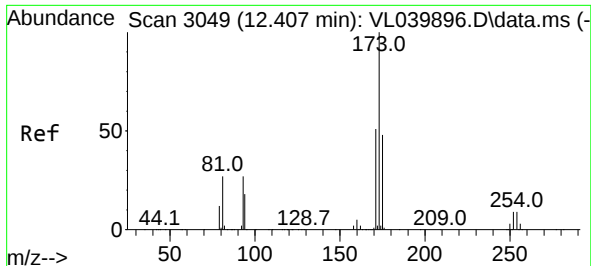
Tgt Ion: 129 Resp: 2073507

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.3

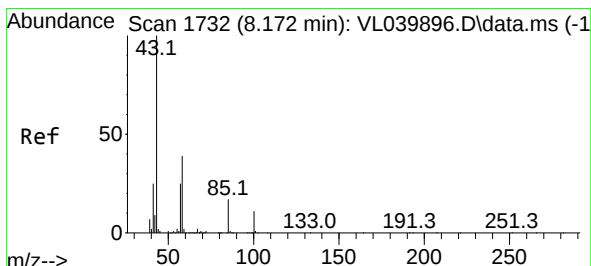
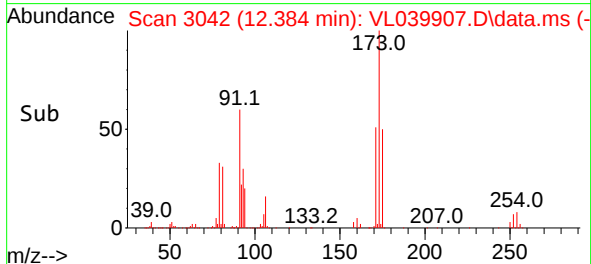
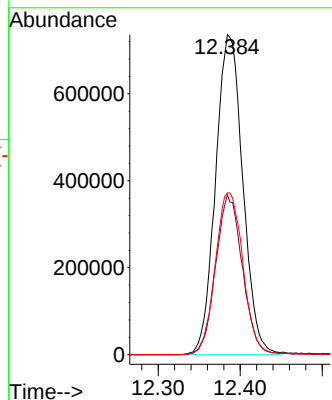
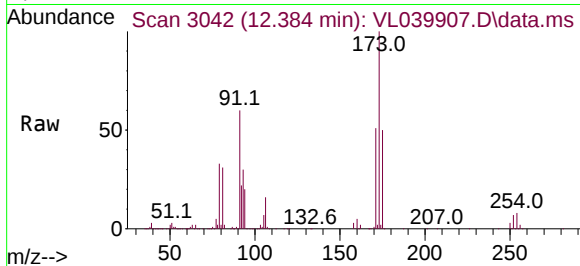




#49
Bromoform
Concen: 11.954 ppbv
RT: 12.384 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

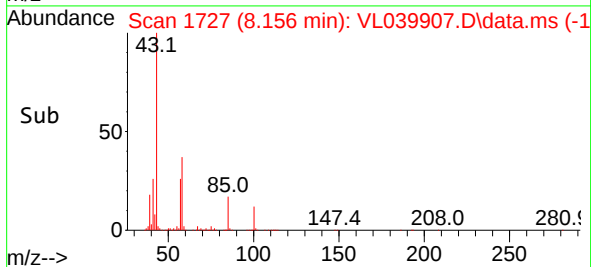
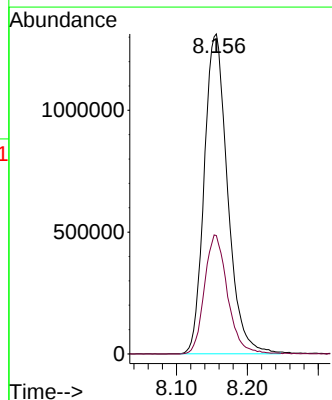
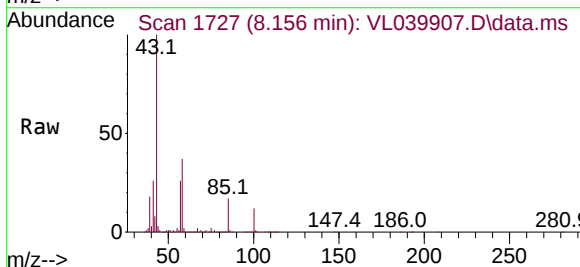
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

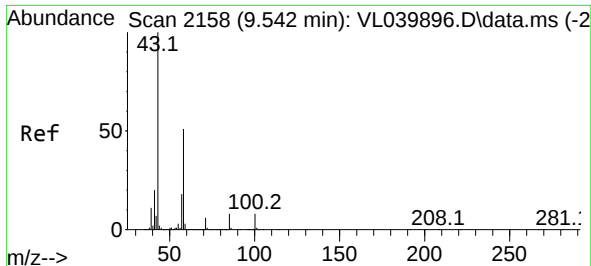
Tgt Ion:173 Resp: 1696934
Ion Ratio Lower Upper
173 100
175 49.2 39.1 58.7
171 51.8 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 9.977 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 43 Resp: 3007920
Ion Ratio Lower Upper
43 100
58 36.9 29.8 44.6

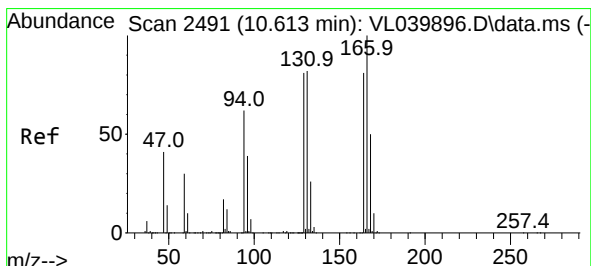
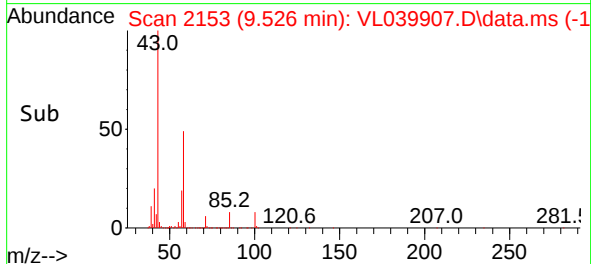
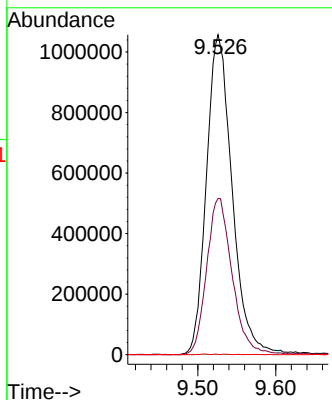
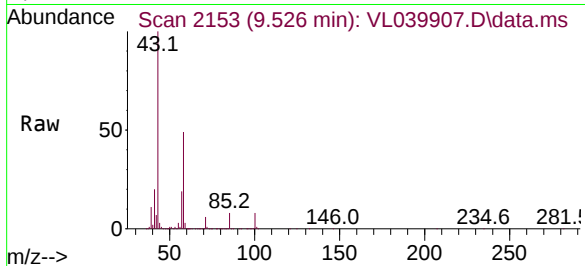




#51
2-Hexanone
Concen: 10.309 ppbv
RT: 9.526 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

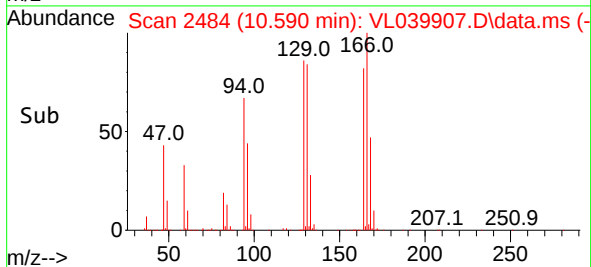
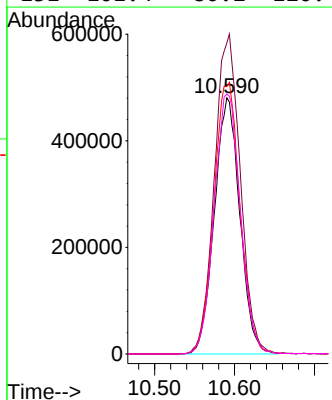
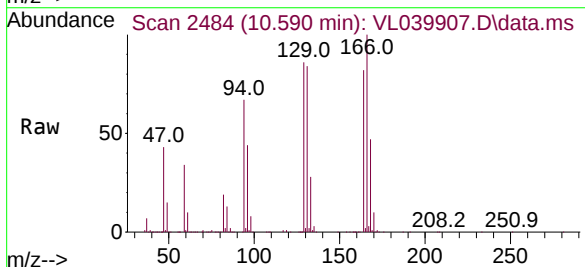
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

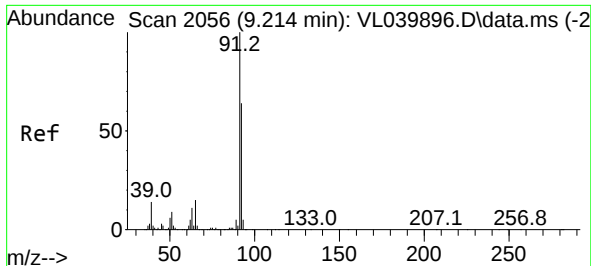
Tgt Ion: 43 Resp: 2412698
Ion Ratio Lower Upper
43 100
58 48.8 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.478 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion:164 Resp: 1060224
Ion Ratio Lower Upper
164 100
166 121.4 98.3 147.5
129 104.4 79.7 119.5
131 101.4 80.2 120.4

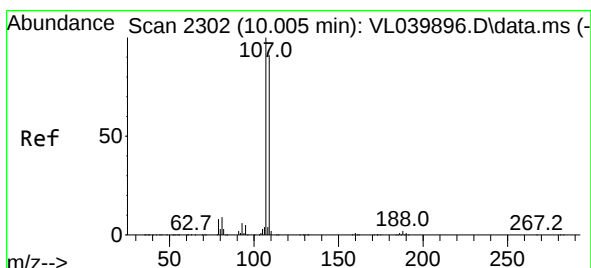
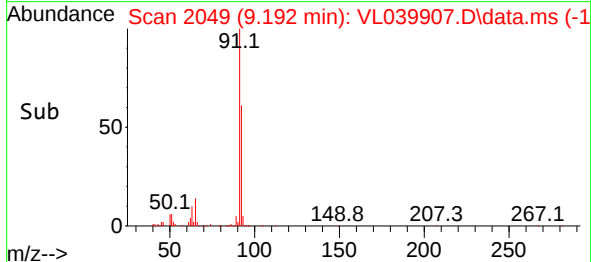
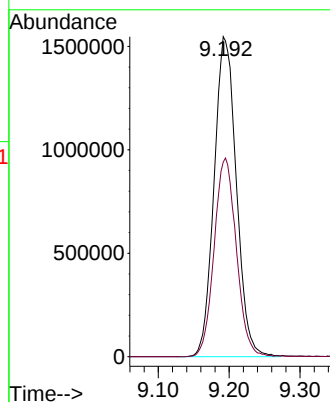
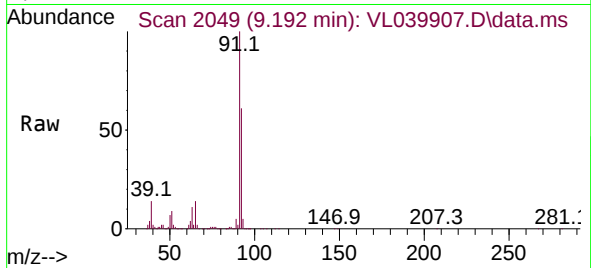




#53
Toluene
Concen: 9.902 ppbv
RT: 9.192 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

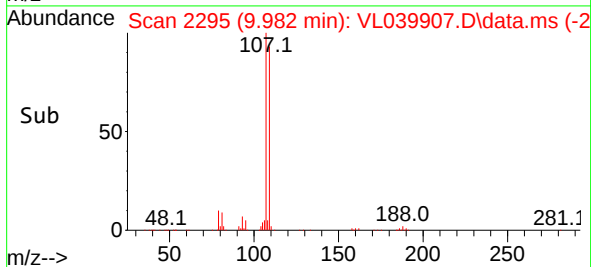
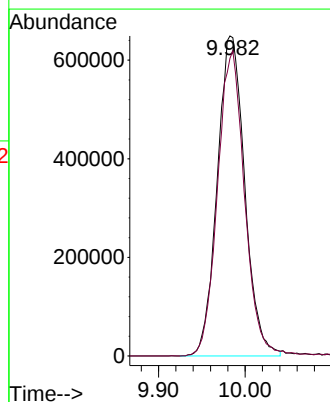
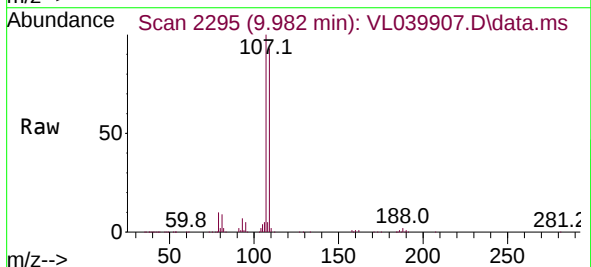
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

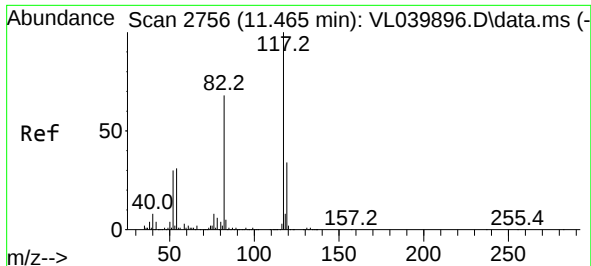
Tgt Ion: 91 Resp: 3372915
Ion Ratio Lower Upper
91 100
92 62.1 49.8 74.6



#54
1,2-Dibromoethane
Concen: 11.189 ppbv
RT: 9.982 min Scan# 2295
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 107 Resp: 1429715
Ion Ratio Lower Upper
107 100
109 93.0 72.8 109.2

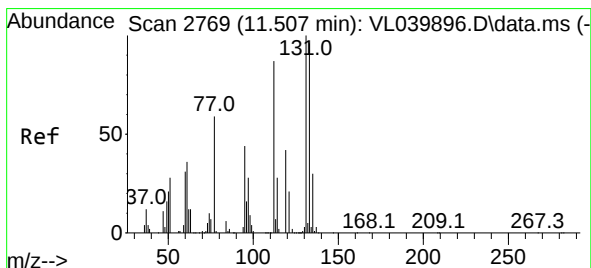
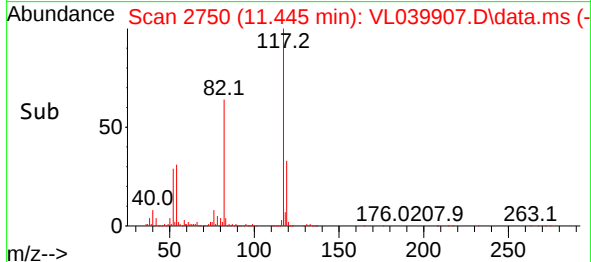
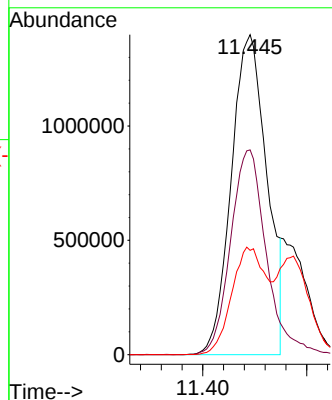
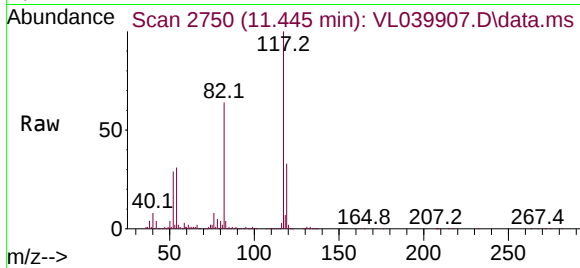




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

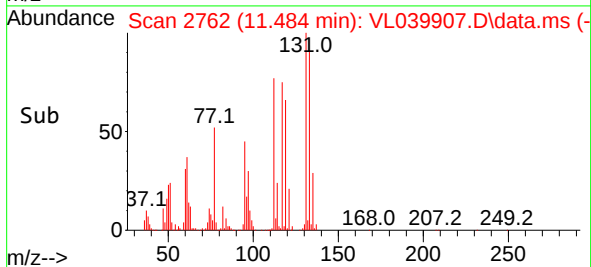
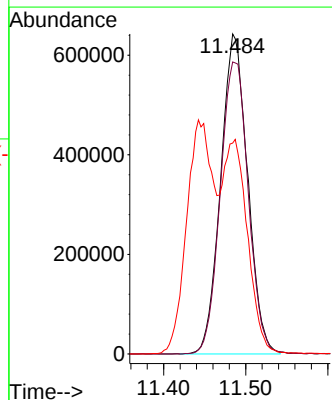
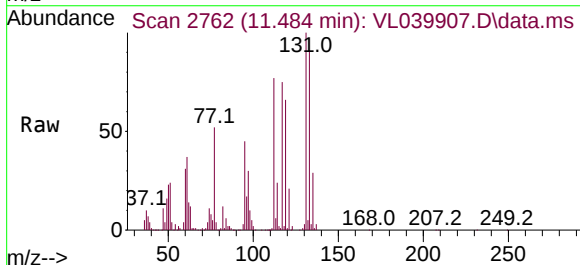
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

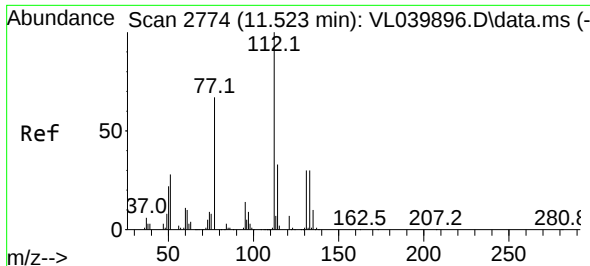
Tgt Ion:117 Resp: 3332180
Ion Ratio Lower Upper
117 100
82 64.5 52.3 78.5
119 31.6 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.764 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion:131 Resp: 1466182
Ion Ratio Lower Upper
131 100
133 95.1 76.7 115.1
119 60.4 46.6 69.8

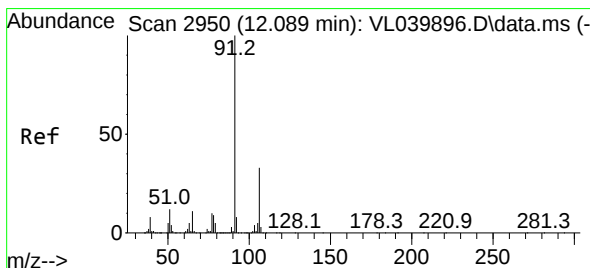
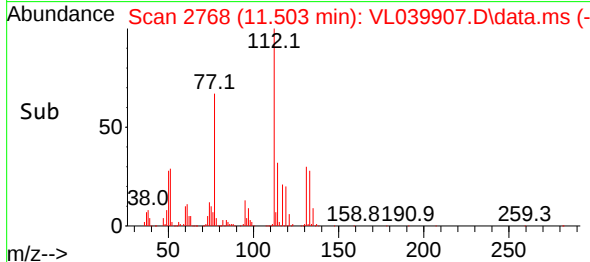
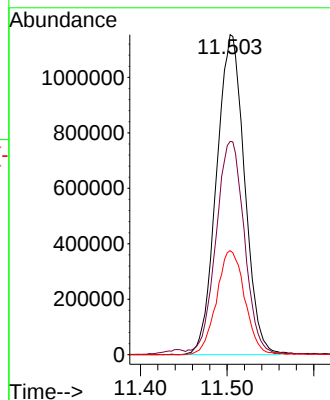
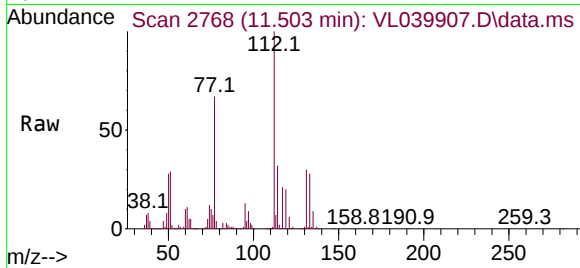




#57
Chlorobenzene
Concen: 10.188 ppbv
RT: 11.503 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

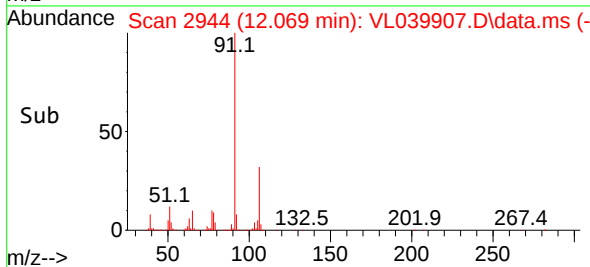
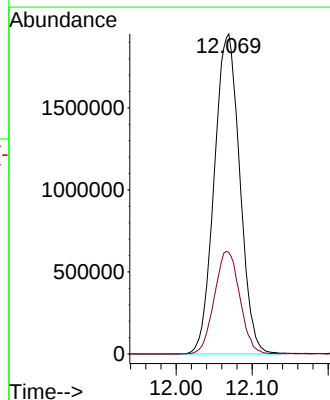
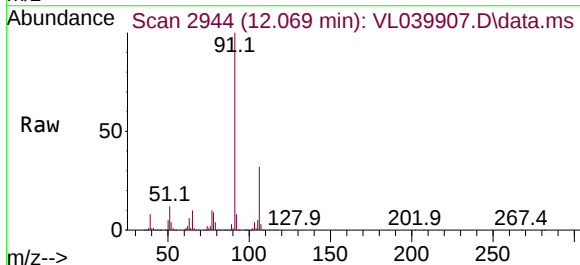
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

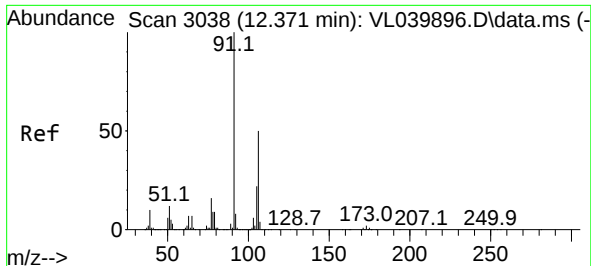
Tgt Ion:112 Resp: 2595551
Ion Ratio Lower Upper
112 100
77 66.2 54.6 81.8
114 32.5 30.1 36.7



#58
Ethyl Benzene
Concen: 10.068 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. 0.006 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 91 Resp: 4551514
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1





#59

m/p-Xylene

Concen: 10.905 ppbv

RT: 12.352 min Scan# 3032

Delta R.T. 0.006 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

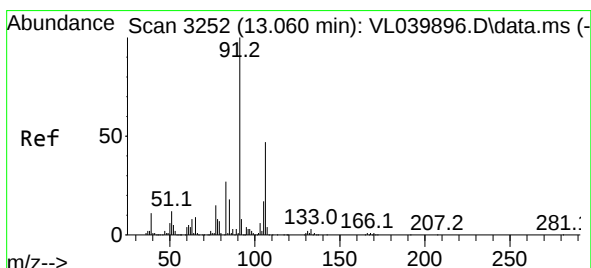
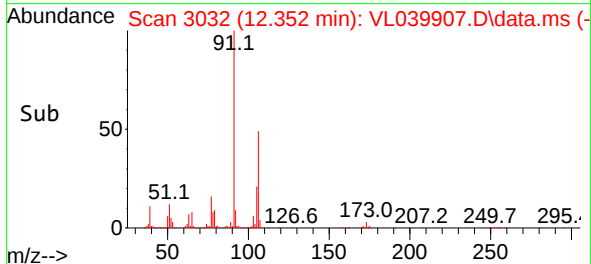
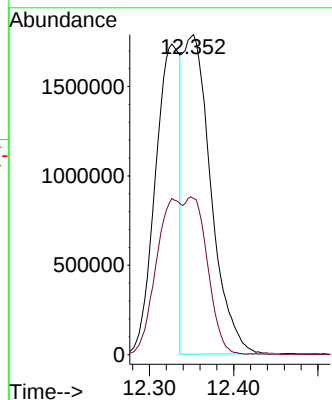
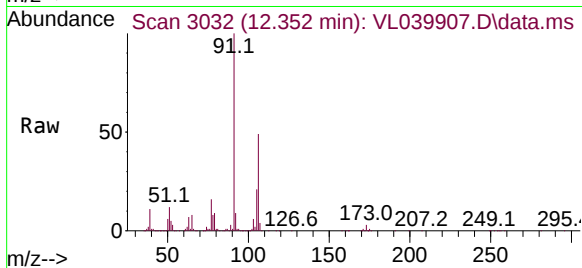
VL1121ABS01

Tgt Ion: 91 Resp: 4126088

Ion Ratio Lower Upper

91 100

106 85.4 37.0 55.6#



#60

o-Xylene

Concen: 10.135 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. 0.003 min

Lab File: VL039907.D

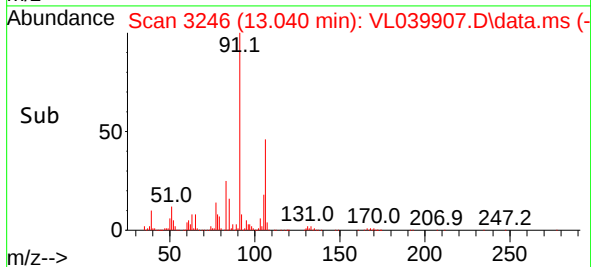
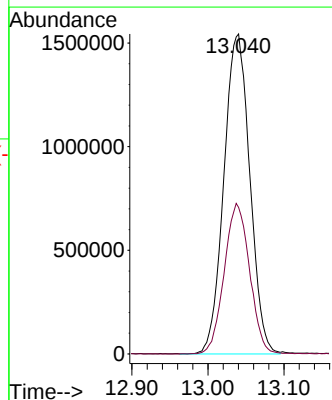
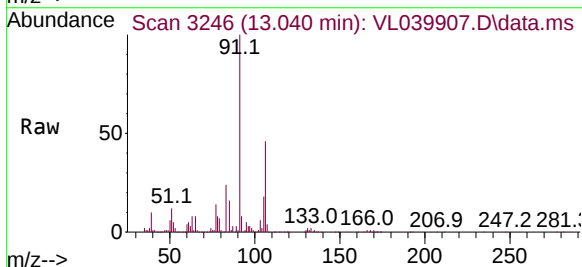
Acq: 21 Nov 2022 12:17

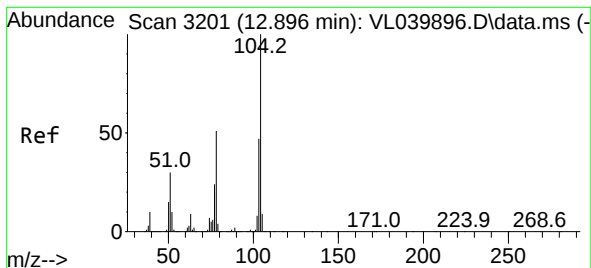
Tgt Ion: 91 Resp: 3657063

Ion Ratio Lower Upper

91 100

106 46.1 23.2 69.6





#61

Styrene

Concen: 10.519 ppbv

RT: 12.876 min Scan# 3195

Delta R.T. -0.000 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABS01

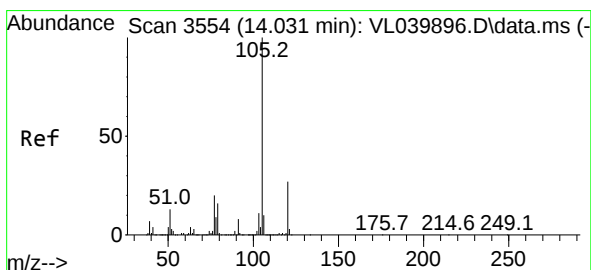
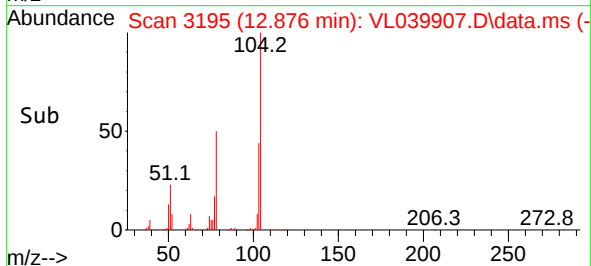
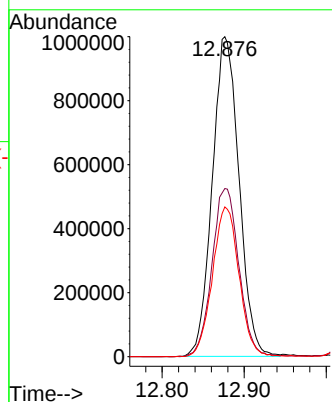
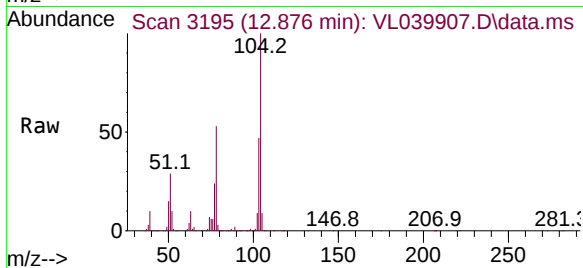
Tgt Ion:104 Resp: 2265592

Ion Ratio Lower Upper

104 100

78 53.2 41.8 62.8

103 46.8 37.2 55.8



#62

Isopropylbenzene

Concen: 10.073 ppbv

RT: 14.011 min Scan# 3548

Delta R.T. 0.003 min

Lab File: VL039907.D

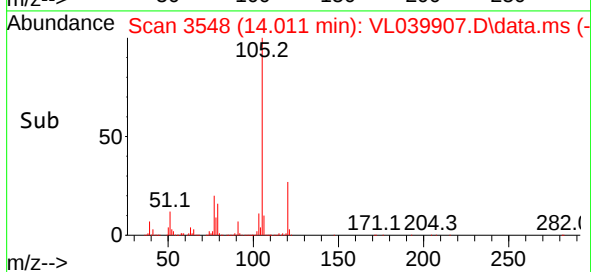
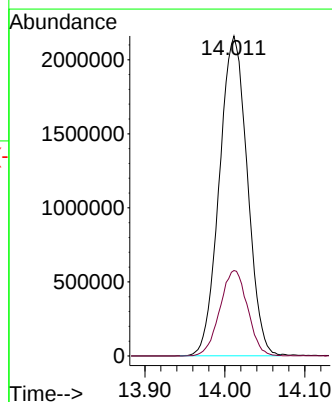
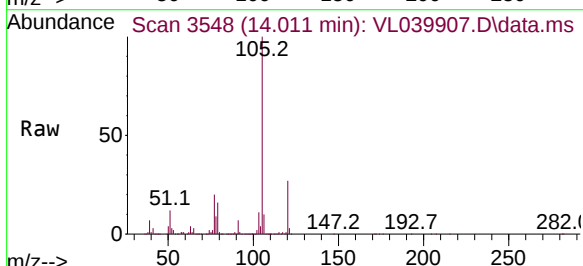
Acq: 21 Nov 2022 12:17

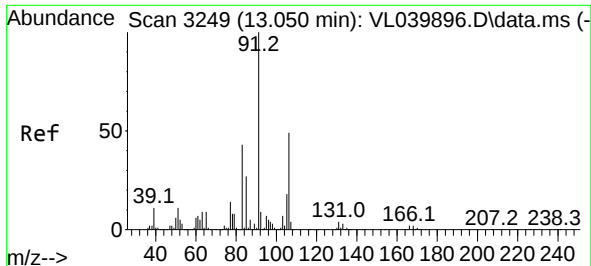
Tgt Ion:105 Resp: 5241187

Ion Ratio Lower Upper

105 100

120 26.5 21.4 32.2

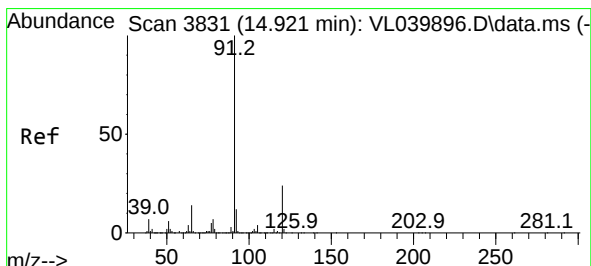
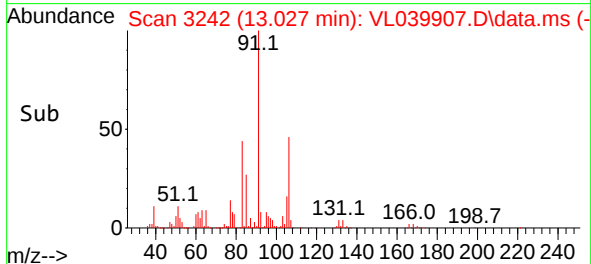
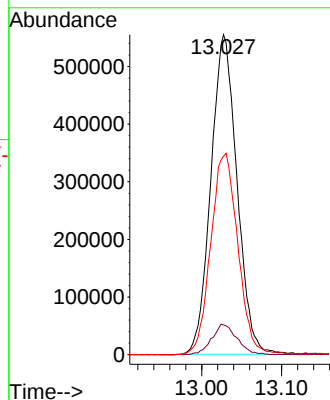
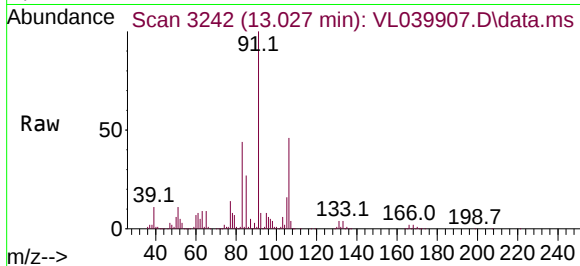




#63
1,1,2,2-Tetrachloroethane
Concen: 10.417 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

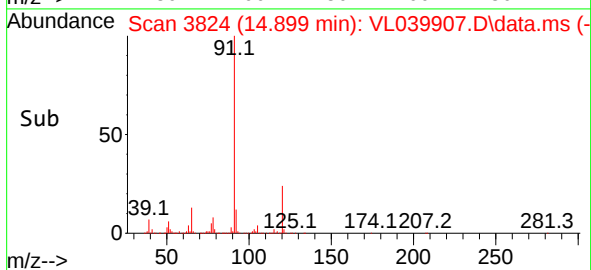
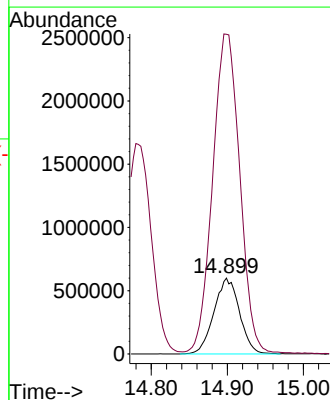
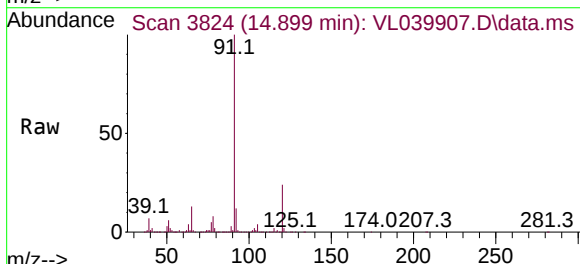
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

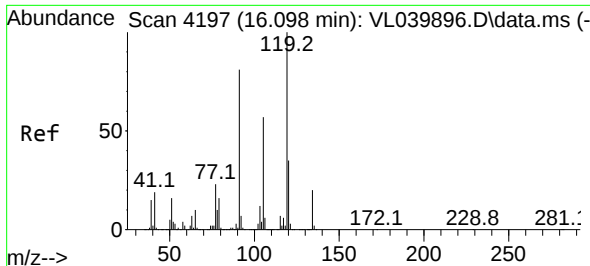
Tgt Ion: 83 Resp: 1255127
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.0 33.0 99.0



#64
n-propylbenzene
Concen: 10.282 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion:120 Resp: 1399569
Ion Ratio Lower Upper
120 100
91 451.4 353.7 530.5

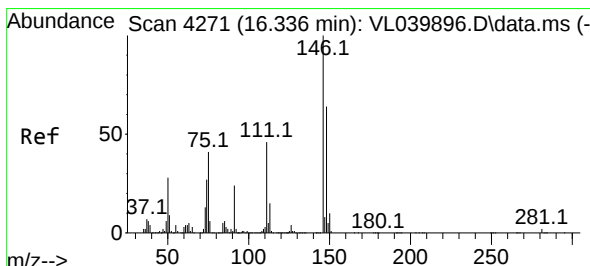
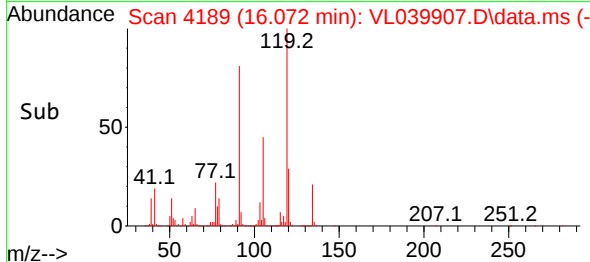
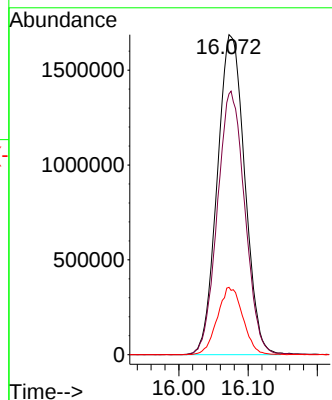
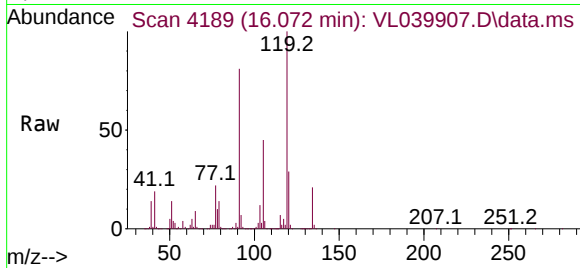




#65
tert-Butylbenzene
Concen: 10.201 ppbv
RT: 16.072 min Scan# 4197
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

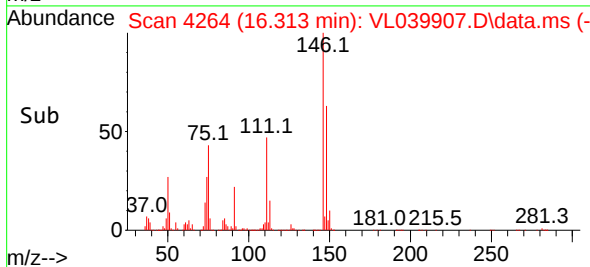
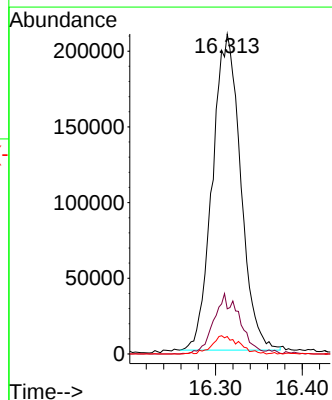
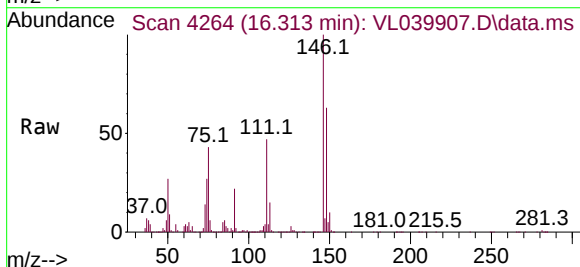
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

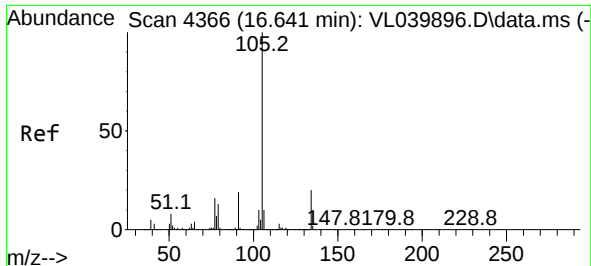
Tgt Ion:119 Resp: 4643248
Ion Ratio Lower Upper
119 100
91 82.4 65.8 98.8
134 19.6 16.1 24.1



#66
Benzyl Chloride
Concen: 12.110 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 91 Resp: 472387
Ion Ratio Lower Upper
91 100
126 18.2 15.0 22.6
128 5.7 4.6 7.0

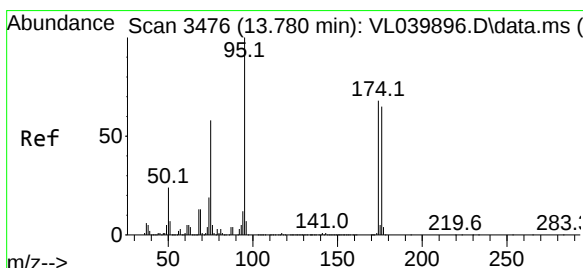
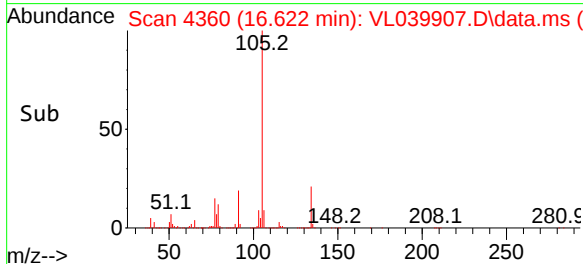
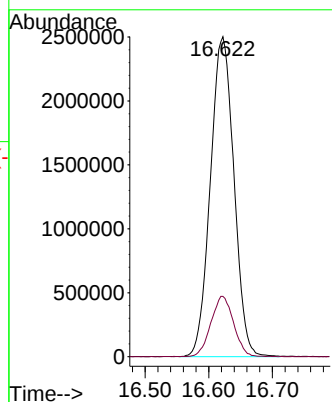
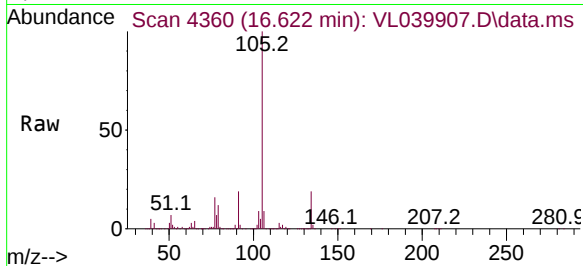




#67
 sec-Butylbenzene
 Concen: 10.278 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

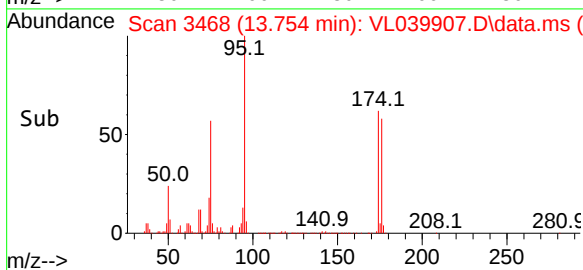
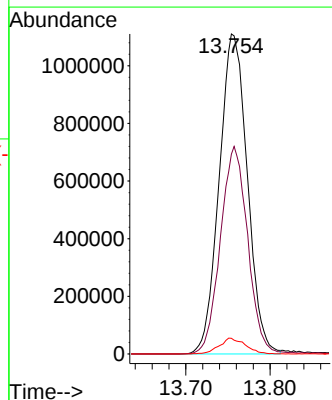
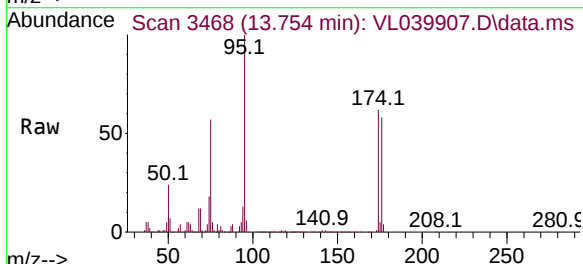
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1121ABS01

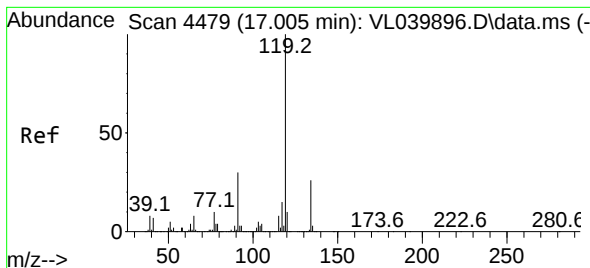
Tgt Ion:105 Resp: 6432508
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.100 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.000 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Tgt Ion: 95 Resp: 2570705
 Ion Ratio Lower Upper
 95 100
 174 63.5 53.7 80.5
 175 4.6 4.0 6.0

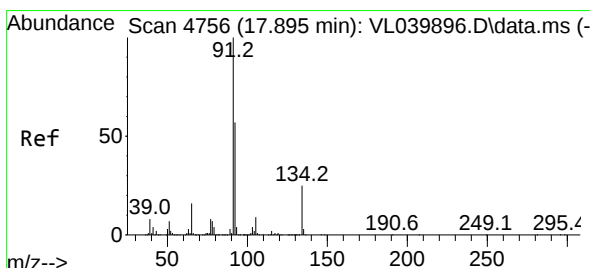
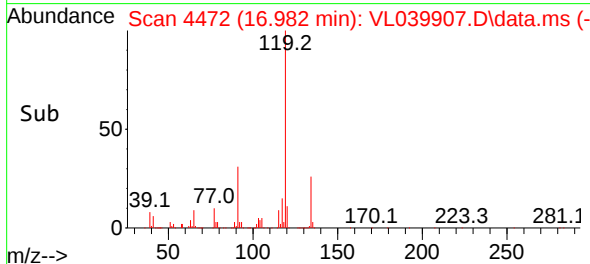
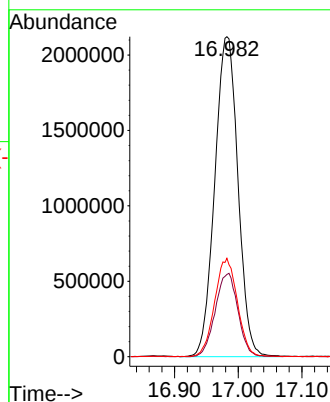
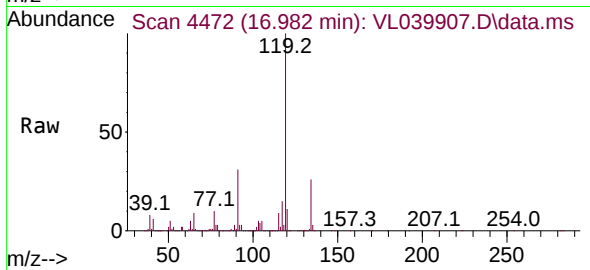




#69
p-Isopropyltoluene
Concen: 10.397 ppbv
RT: 16.982 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

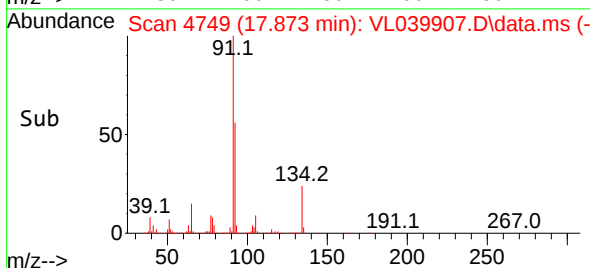
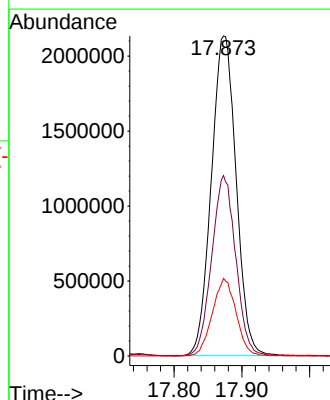
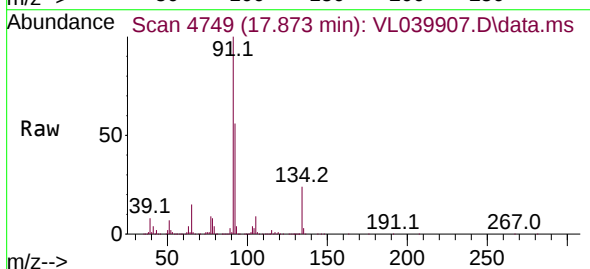
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

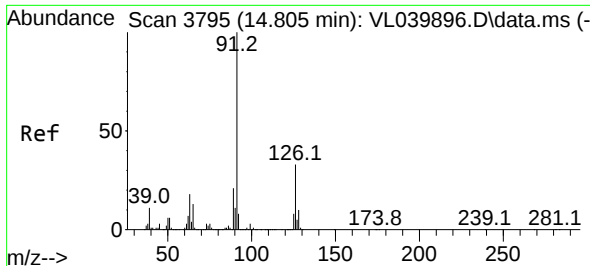
Tgt Ion:119 Resp: 5360052
Ion Ratio Lower Upper
119 100
134 25.5 21.0 31.4
91 30.1 24.4 36.6



#70
n-Butylbenzene
Concen: 10.619 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 91 Resp: 5427531
Ion Ratio Lower Upper
91 100
92 54.6 44.2 66.2
134 23.2 18.8 28.2

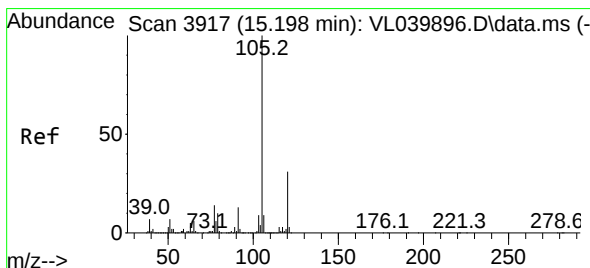
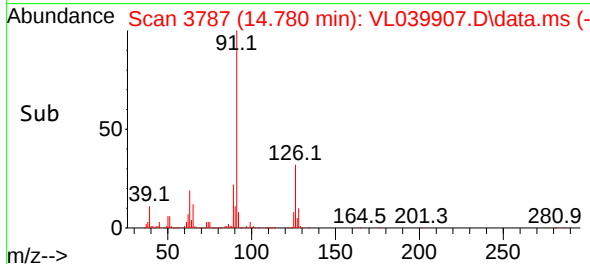
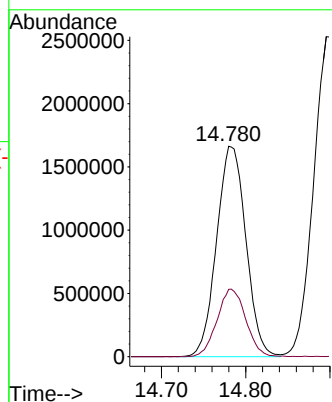
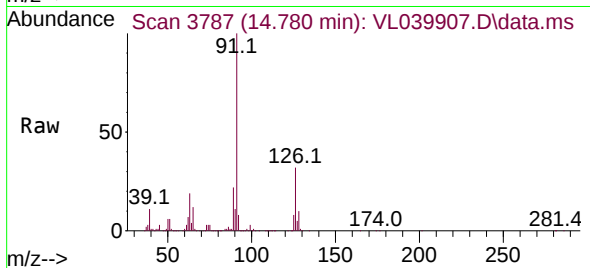




#71
2-Chlorotoluene
Concen: 10.169 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

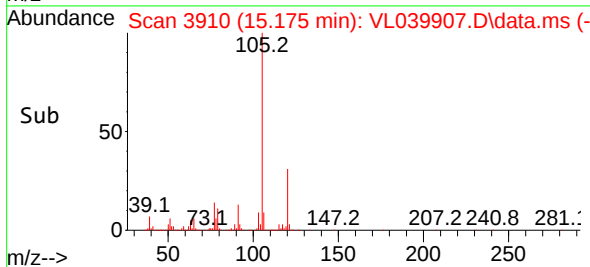
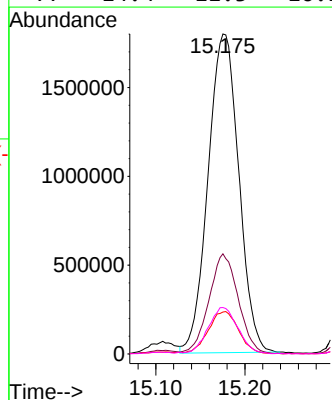
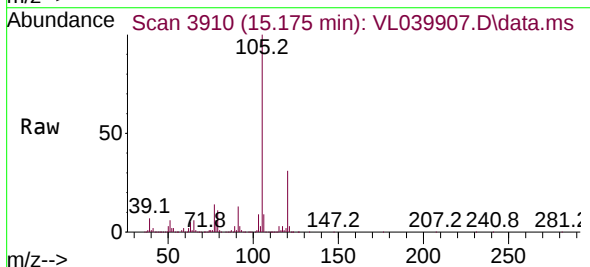
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

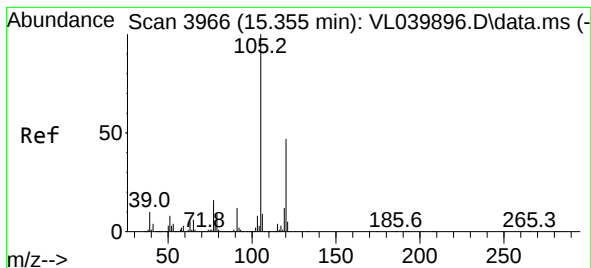
Tgt Ion: 91 Resp: 4010675
Ion Ratio Lower Upper
91 100
126 31.6 12.8 51.0



#72
4-Ethyltoluene
Concen: 10.611 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion: 105 Resp: 4303646
Ion Ratio Lower Upper
105 100
120 30.0 24.5 36.7
91 13.2 10.4 15.6
77 14.4 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.436 ppbv

RT: 15.333 min Scan# 3966

Delta R.T. -0.000 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

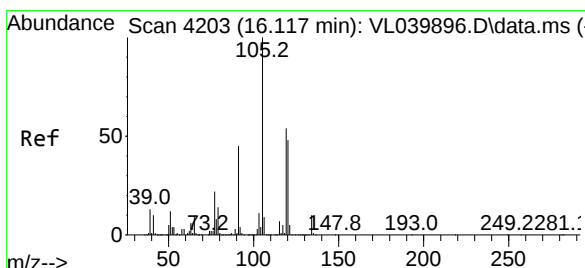
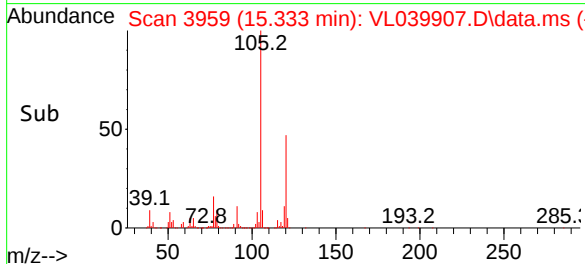
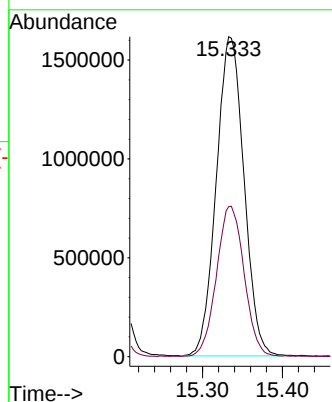
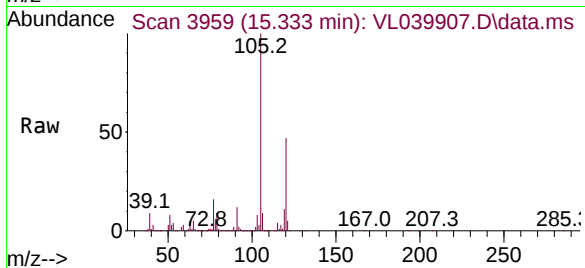
VL1121ABS01

Tgt Ion:105 Resp: 3874551

Ion Ratio Lower Upper

105 100

120 47.0 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 10.448 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.000 min

Lab File: VL039907.D

Acq: 21 Nov 2022 12:17

Tgt Ion:105 Resp: 4106903

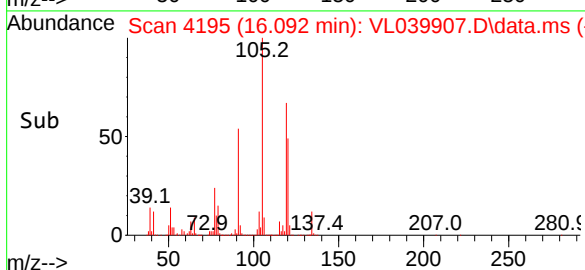
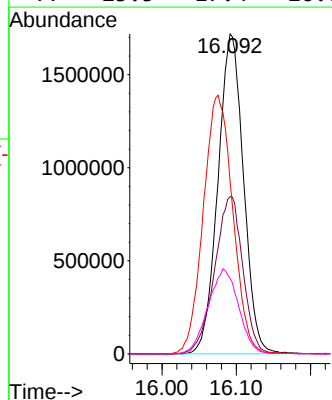
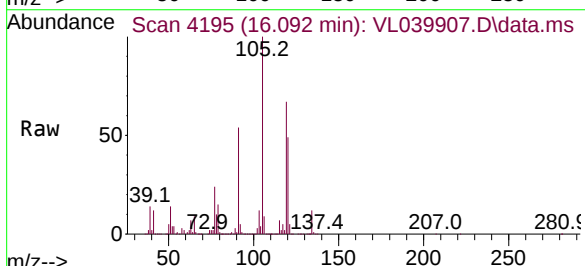
Ion Ratio Lower Upper

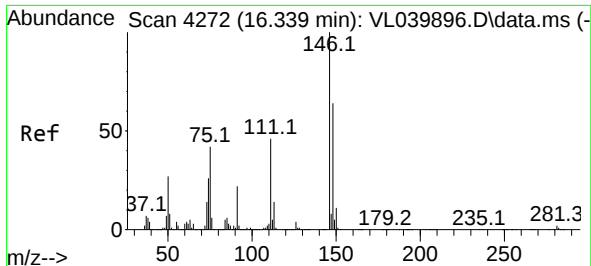
105 100

120 48.9 38.7 58.1

91 53.5 36.4 54.6

77 23.5 17.4 26.0

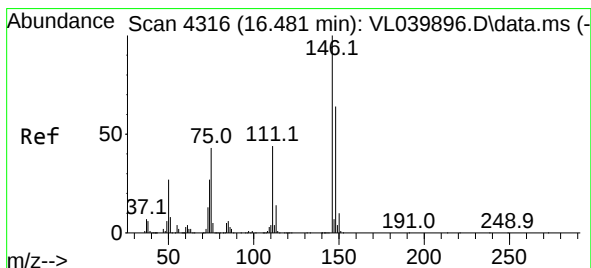
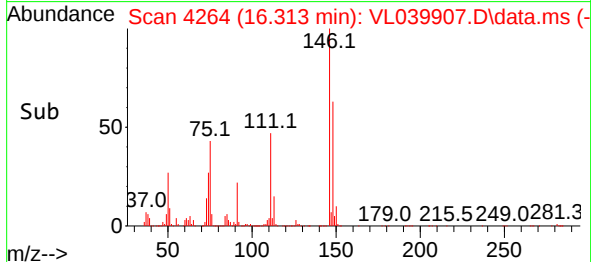
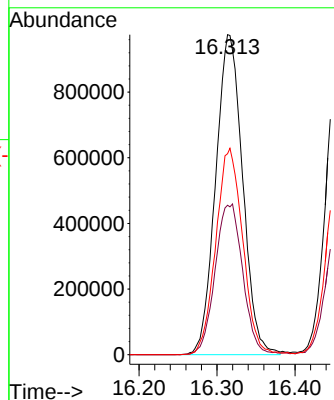
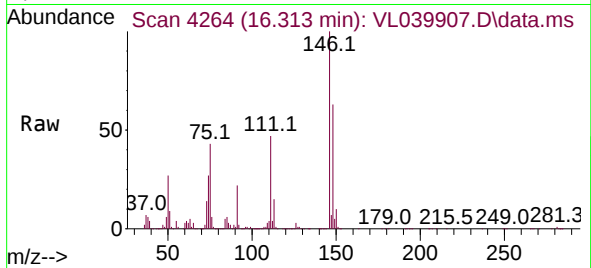




#75
1,3-Dichlorobenzene
Concen: 10.603 ppbv
RT: 16.313 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

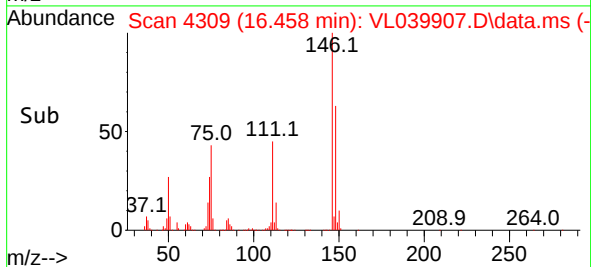
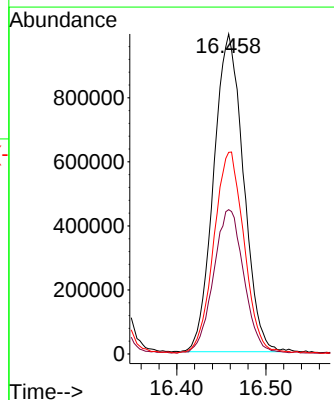
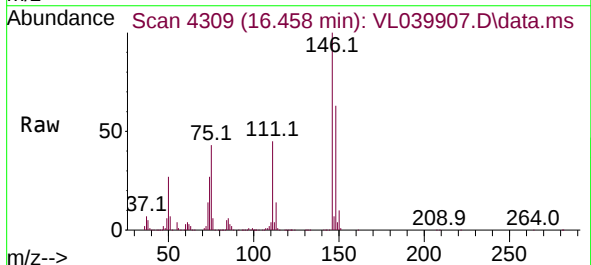
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABS01

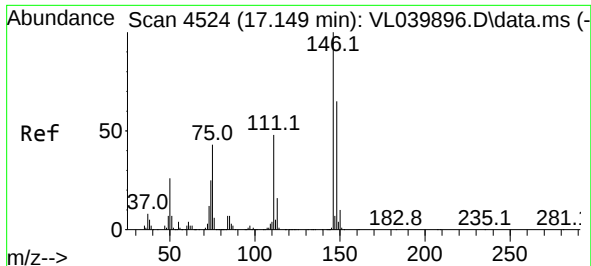
Tgt Ion:146 Resp: 2344893
Ion Ratio Lower Upper
146 100
111 48.4 23.3 69.9
148 64.4 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 10.522 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion:146 Resp: 2306900
Ion Ratio Lower Upper
146 100
111 47.0 22.4 67.3
148 65.0 32.3 96.9

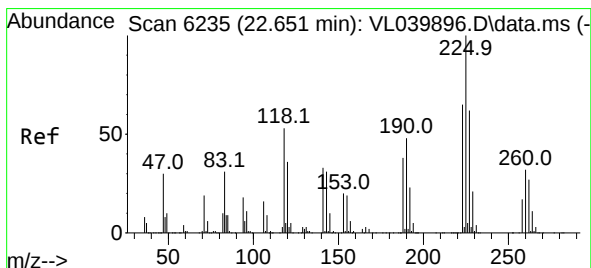
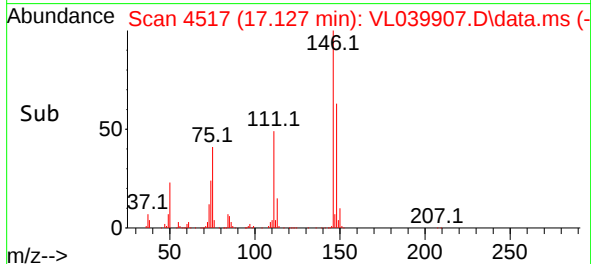
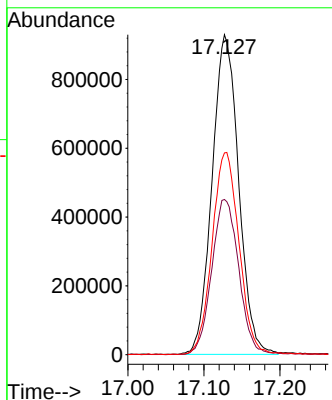
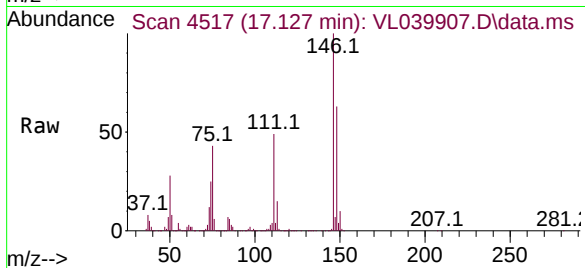




#77
1,2-Dichlorobenzene
Concen: 10.571 ppbv
RT: 17.127 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

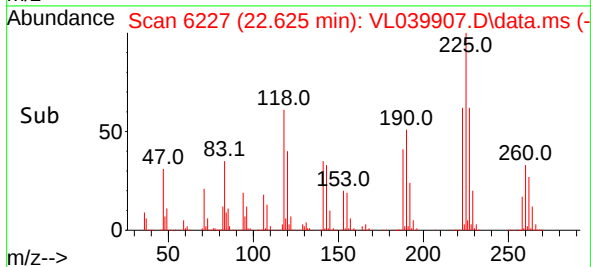
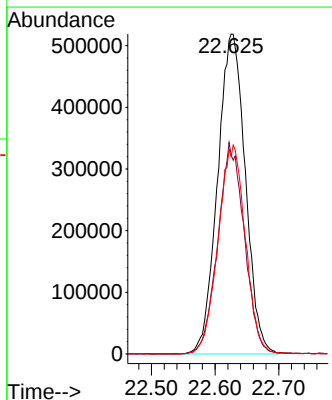
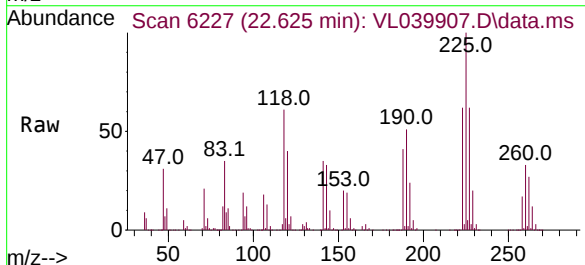
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

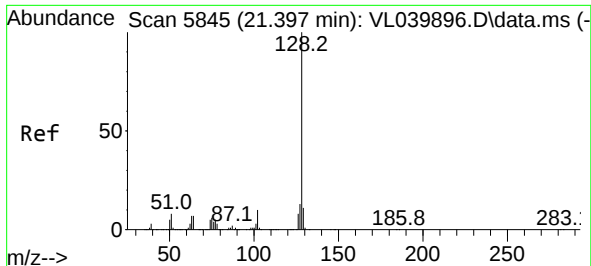
Tgt Ion:146 Resp: 2253794
Ion Ratio Lower Upper
146 100
111 49.4 24.1 72.3
148 64.4 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 10.618 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.000 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

Tgt Ion:225 Resp: 1570884
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 64.3 50.8 76.2

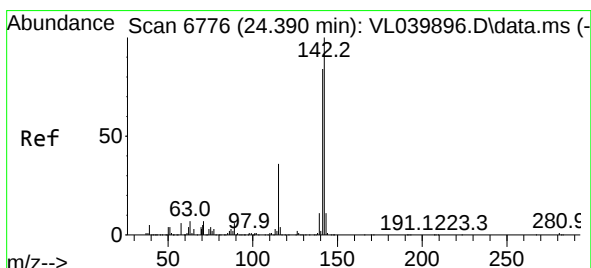
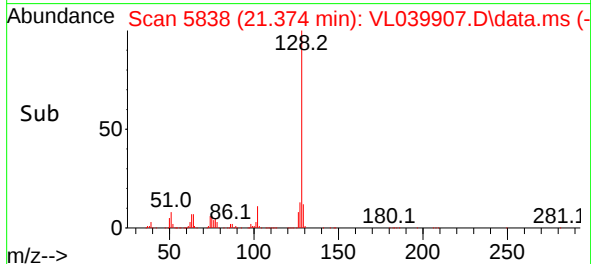
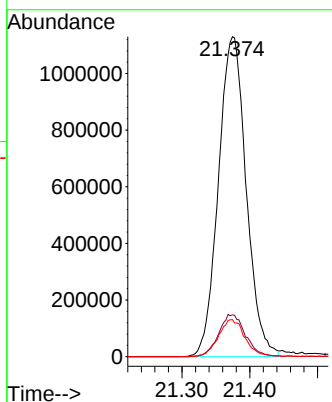
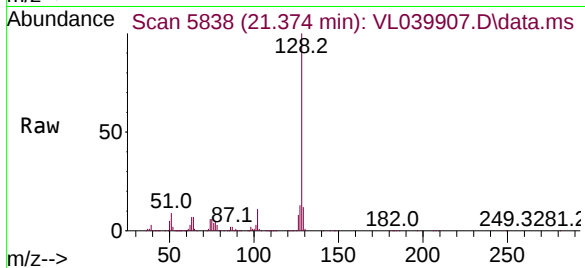




#79
Naphthalene
Concen: 13.683 ppbv
RT: 21.374 min Scan# 5838
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

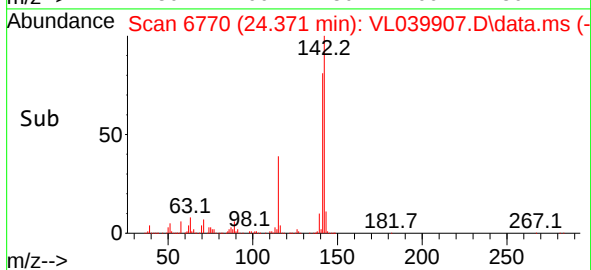
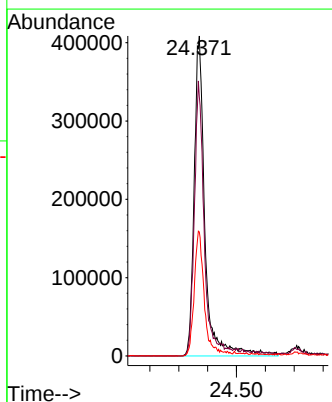
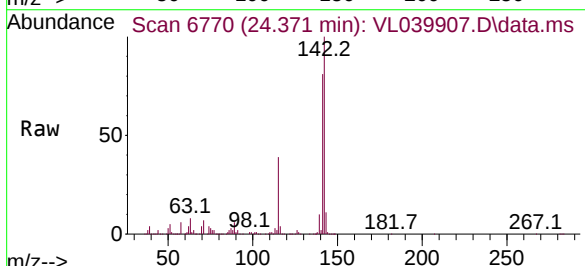
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABS01

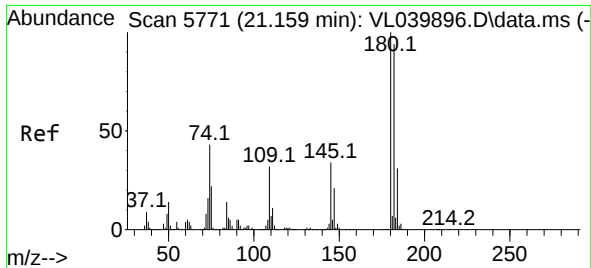
Tgt Ion:128 Resp: 3218888
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.6 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 16.084 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039907.D
Acq: 21 Nov 2022 12:17

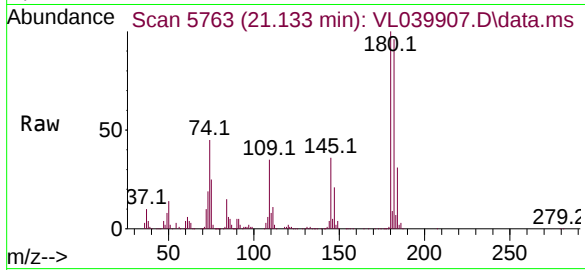
Tgt Ion:142 Resp: 1064230
Ion Ratio Lower Upper
142 100
141 81.9 69.1 103.7
115 38.6 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 11.847 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL039907.D
 Acq: 21 Nov 2022 12:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABS01



Tgt Ion:180 Resp: 1721056

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.6
184	31.0	25.2	37.8

