

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039846.D
 Acq On : 9 Nov 2022 13:14
 Operator : SY/AP
 Sample : VL1109ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

Quant Time: Nov 10 03:48:08 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

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

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	955081	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.629	114	2488627	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	2934342	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.738	95	1932415	8.798	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	1701473	10.552	ppbv	99
3) Chlorodifluoromethane	2.677	51	1182197	10.383	ppbv	96
4) Chloromethane	2.816	50	688169	9.707	ppbv	97
5) Vinyl Chloride	2.922	62	592167	10.317	ppbv	99
6) Bromomethane	3.121	94	211813	10.345	ppbv	100
7) Chloroethane	3.198	64	202627	9.420	ppbv	100
8) Dichlorotetrafluoroethane	2.861	85	1406566	10.235	ppbv	94
9) Propene	2.700	41	539884	9.101	ppbv	98
10) Heptane	7.552	43	1361320	9.579	ppbv	100
11) Trichlorofluoromethane	3.558	101	1418571	10.787	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1034323	10.890	ppbv	97
13) Ethanol	3.246	45	27079	6.459	ppbv	87
14) Bromoethene	3.362	108	437704	10.292	ppbv	99
15) Acetone	3.465	43	953580	8.203	ppbv	98
16) 1,3-Butadiene	2.986	39	525931	9.728	ppbv	97
17) tert-Butyl alcohol	3.870	59	938253	8.475	ppbv	99
18) 1,1-Dichloroethene	3.873	96	464425	10.665	ppbv	97
19) Isopropyl Alcohol	3.574	45	460511	8.003	ppbv #	32
20) Methylene Chloride	3.925	84	389018	9.354	ppbv	93
21) Allyl Chloride	3.989	41	669296	9.102	ppbv	98
22) trans-1,2-Dichloroethene	4.433	96	482798	10.923	ppbv	90
23) Vinyl Acetate	4.616	43	386286	8.341	ppbv	98
24) 1,1-Dichloroethane	4.552	63	943507	9.974	ppbv	98
25) Ethyl Acetate	5.188	43	2307495	9.636	ppbv	99
26) Hexane	5.198	57	993739	9.307	ppbv	99
27) Carbon Disulfide	4.114	76	1171644	10.450	ppbv	98
28) Methyl tert-Butyl Ether	4.574	73	918342	9.503	ppbv	98
29) Chloroform	5.256	83	1613168	10.745	ppbv	98
30) Cyclohexane	6.574	84	854290	9.568	ppbv	99
31) cis-1,2-Dichloroethene	5.063	61	1014784	10.424	ppbv	97
32) 1,1,1-Trichloroethane	5.983	97	1631708	10.918	ppbv	99
34) 2-Butanone	4.774	43	1063353	10.357	ppbv	100
35) Carbon Tetrachloride	6.468	117	1628577	11.227	ppbv	98
36) Benzene	6.346	78	2150675	10.245	ppbv	97
37) 1,2-Dichloroethane	5.786	62	1265878	12.568	ppbv	97
38) Trichloroethene	7.262	130	1128245	10.041	ppbv	92
39) 1,2-Dichloropropane	7.044	63	850940	10.404	ppbv	97
40) 1,4-Dioxane	7.256	88	330173	10.542	ppbv	93
41) Tetrahydrofuran	5.539	42	849356	9.899	ppbv	98
42) Bromodichloromethane	7.220	83	1807940	11.239	ppbv	97
43) Methyl Methacrylate	7.449	69	865194	10.428	ppbv	96
44) 2,2,4-Trimethylpentane	7.301	57	3601856	10.165	ppbv	99
45) t-1,3-Dichloropropene	8.677	75	861956	10.846	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

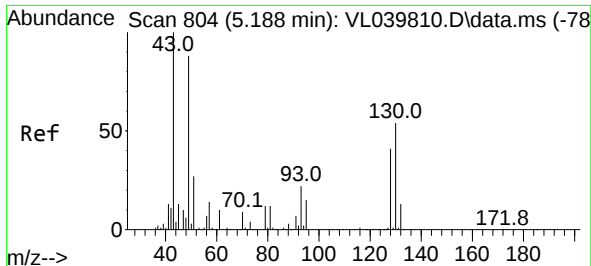
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	1132895	10.444	ppbv	98
47) 1,1,2-Trichloroethane	8.867	97	854427	10.316	ppbv	94
48) Dibromochloromethane	9.677	129	1431922	10.147	ppbv	98
49) Bromoform	12.368	173	1074361	9.471	ppbv	100
50) 4-Methyl-2-Pentanone	8.153	43	2245328	10.683	ppbv	100
51) 2-Hexanone	9.523	43	1777150	10.844	ppbv	99
52) Tetrachloroethene	10.580	164	708845	9.013	ppbv	93
53) Toluene	9.188	91	2398732	9.960	ppbv	100
54) 1,2-Dibromoethane	9.976	107	1007130	10.957	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.474	131	984618	7.848	ppbv	95
57) Chlorobenzene	11.490	112	1689073	7.589	ppbv	95
58) Ethyl Benzene	12.053	91	3161778	7.969	ppbv	97
59) m/p-Xylene	12.336	91	2578771	7.786	ppbv #	36
60) o-Xylene	13.024	91	2468043	7.866	ppbv	97
61) Styrene	12.863	104	1499232	7.765	ppbv	97
62) Isopropylbenzene	13.995	105	3471135	7.584	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.008	83	877491	7.510	ppbv	98
64) n-propylbenzene	14.883	120	876392	7.158	ppbv	82
65) tert-Butylbenzene	16.056	119	2826519	7.033	ppbv	94
66) Benzyl Chloride	16.294	91	203406	4.353	ppbv	97
67) sec-Butylbenzene	16.603	105	4055731	7.414	ppbv	97
69) p-Isopropyltoluene	16.966	119	3156585	6.956	ppbv	97
70) n-Butylbenzene	17.850	91	3383765	7.713	ppbv	98
71) 2-Chlorotoluene	14.764	91	2652964	7.714	ppbv	96
72) 4-Ethyltoluene	15.159	105	2710758	7.672	ppbv	96
73) 1,3,5-Trimethylbenzene	15.317	105	2411652	7.700	ppbv	92
74) 1,2,4-Trimethylbenzene	16.072	105	2488176	7.477	ppbv	96
75) 1,3-Dichlorobenzene	16.294	146	1387014	7.138	ppbv	99
76) 1,4-Dichlorobenzene	16.439	146	1344991	7.054	ppbv	97
77) 1,2-Dichlorobenzene	17.104	146	1320385	7.209	ppbv	99
78) Hexachloro-1,3-Butadiene	22.593	225	913735	6.733	ppbv	99
79) Naphthalene	21.342	128	2025903	8.374	ppbv	100
80) Naphthalene,2-methyl-	24.348	142	665210	6.485	ppbv	96
81) 1,2,4-Trichlorobenzene	21.101	180	1064350	7.865	ppbv	100

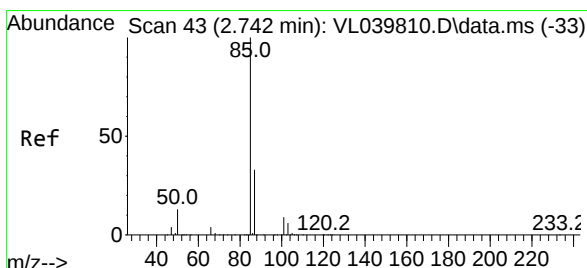
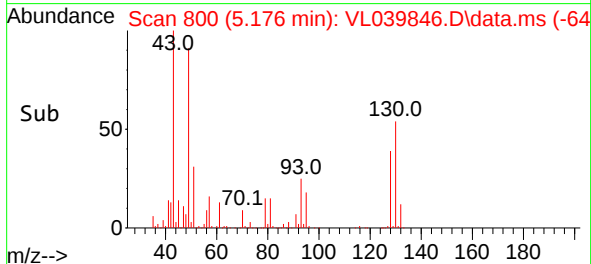
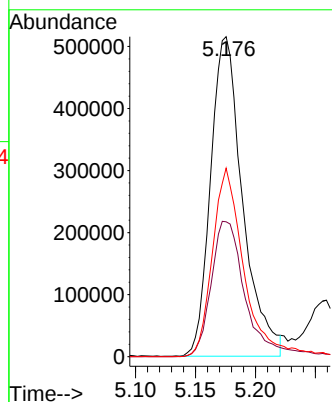
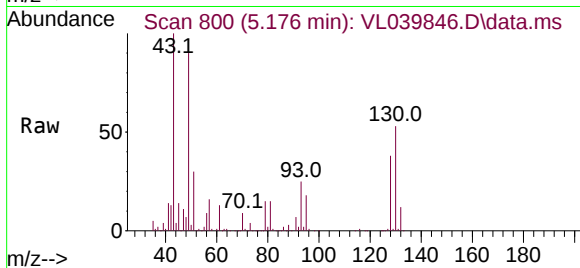
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.012 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

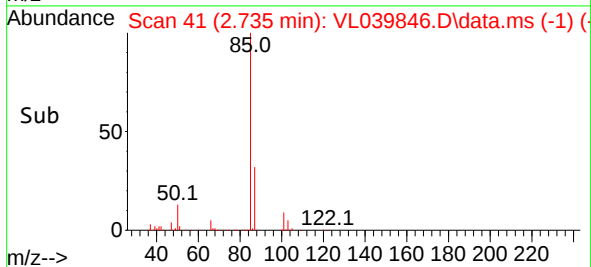
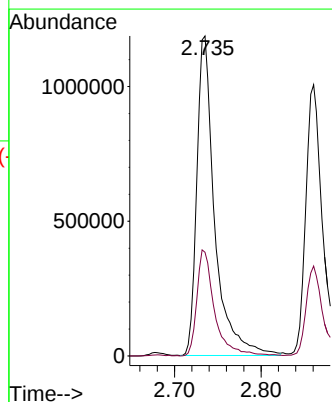
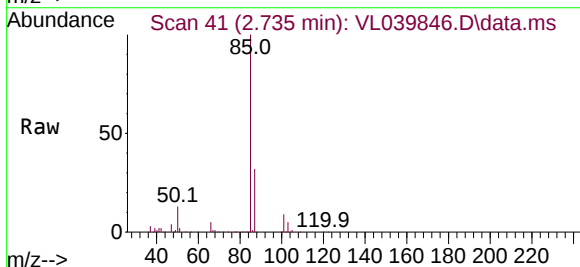
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MSVOA_L
ClientSampleId :
VL1109ABS01

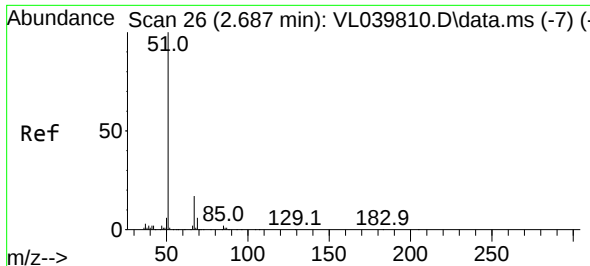
Tgt Ion: 49 Resp: 955081
Ion Ratio Lower Upper
49 100
128 46.5 24.6 73.6
130 60.0 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 10.552 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 85 Resp: 1701473
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6

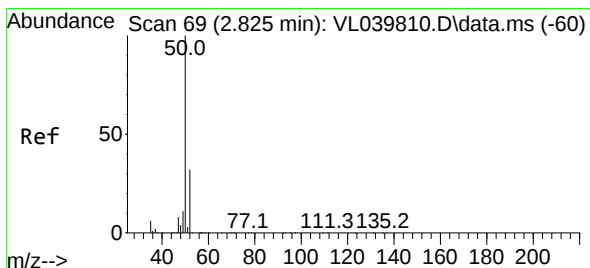
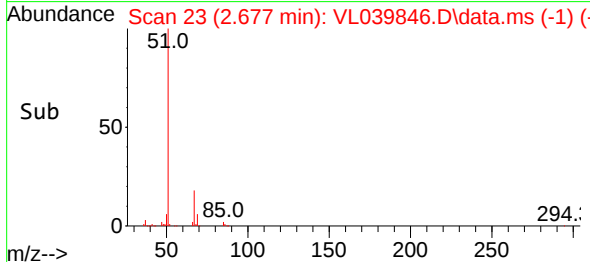
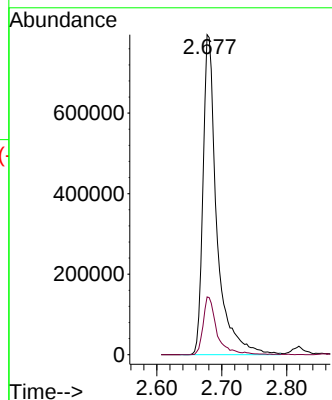
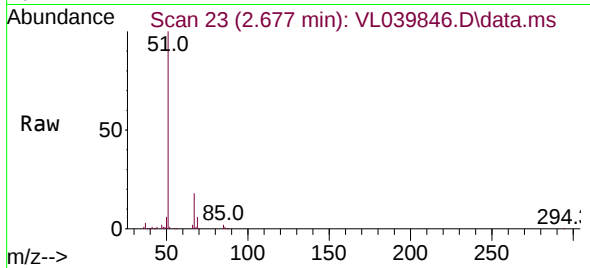




#3
Chlorodifluoromethane
Concen: 10.383 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

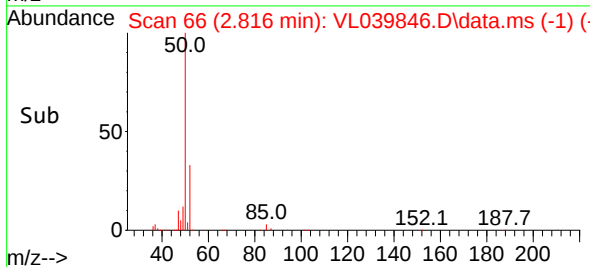
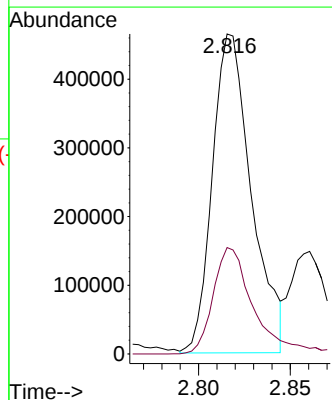
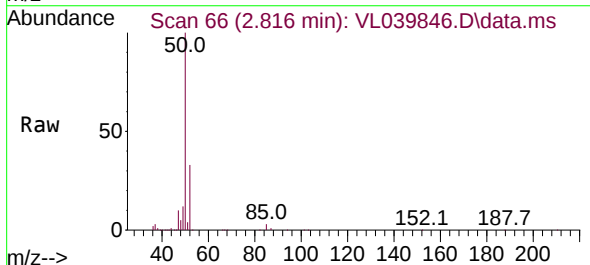
Instrument :
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ClientSampleId :
VL1109ABS01

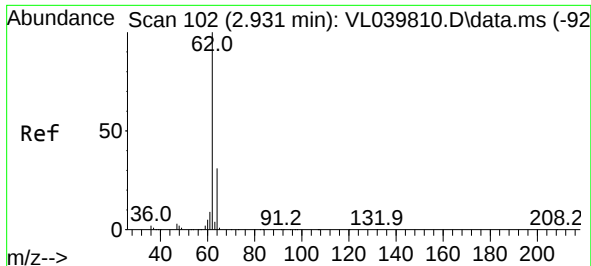
Tgt Ion: 51 Resp: 1182197
Ion Ratio Lower Upper
51 100
67 18.2 13.2 19.8



#4
Chloromethane
Concen: 9.707 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.010 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 50 Resp: 688169
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

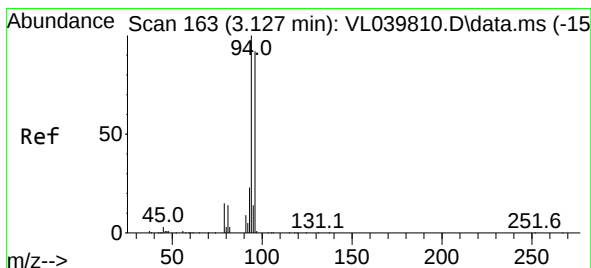
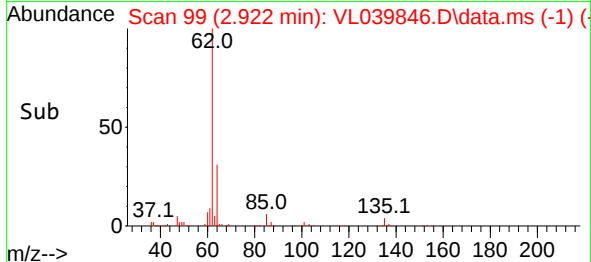
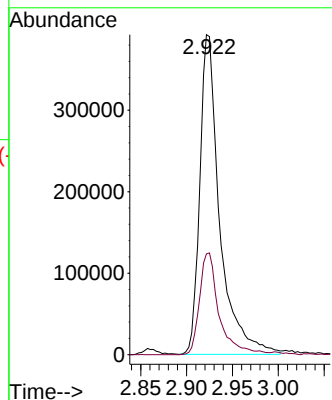
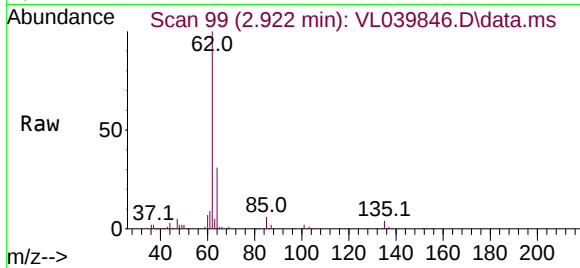




#5
 Vinyl Chloride
 Concen: 10.317 ppbv
 RT: 2.922 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

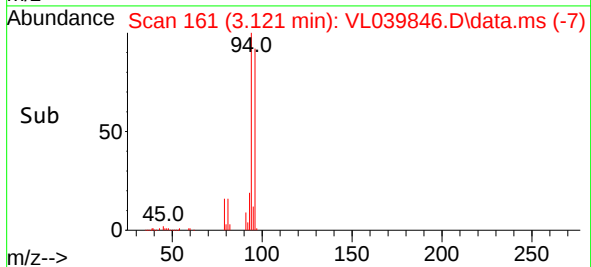
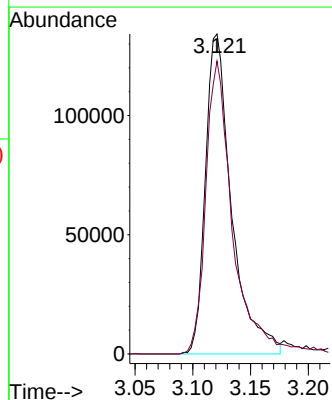
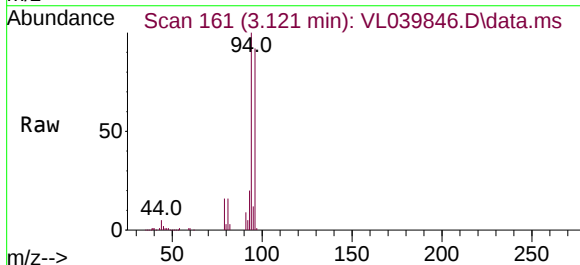
Instrument :
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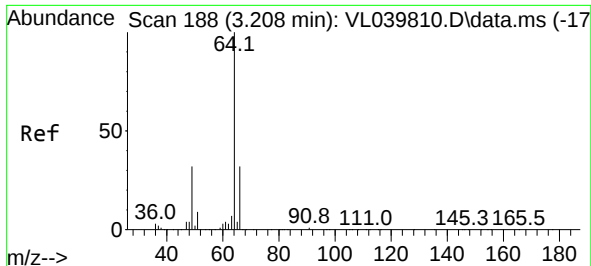
Tgt Ion: 62 Resp: 592167
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.0 37.4



#6
 Bromomethane
 Concen: 10.345 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.006 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

Tgt Ion: 94 Resp: 211813
 Ion Ratio Lower Upper
 94 100
 96 91.5 73.5 110.3

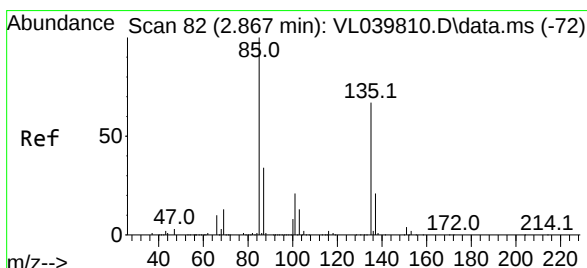
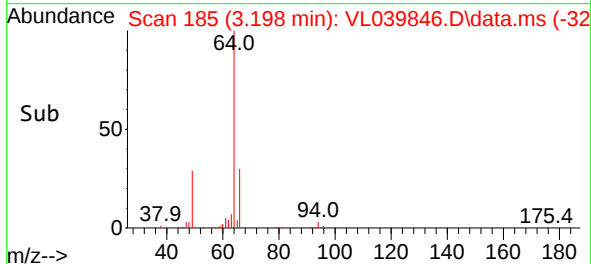
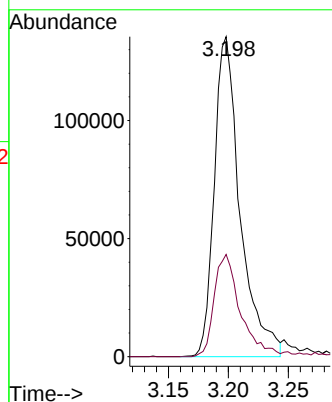
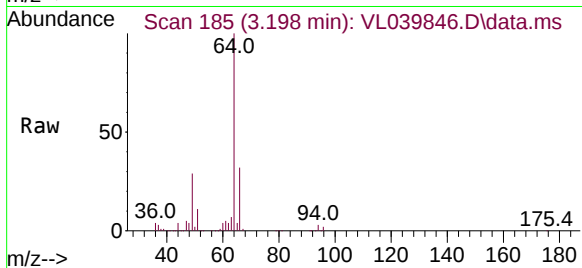




#7
Chloroethane
Concen: 9.420 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

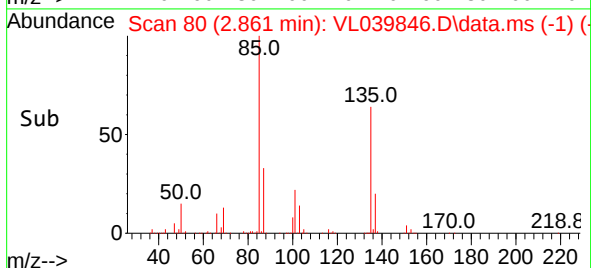
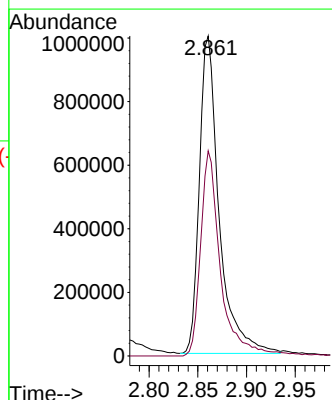
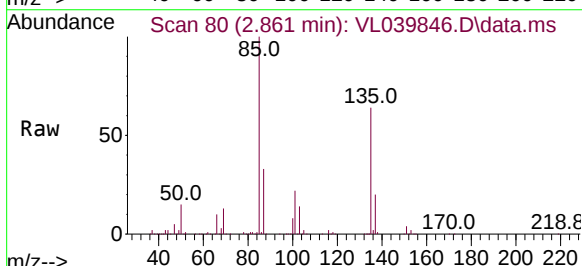
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ClientSampleId :
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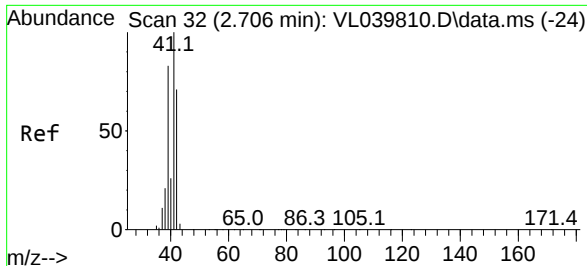
Tgt Ion: 64 Resp: 202627
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 10.235 ppbv
RT: 2.861 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 85 Resp: 1406566
Ion Ratio Lower Upper
85 100
135 65.9 56.7 85.1





#9

Propene

Concen: 9.101 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.006 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

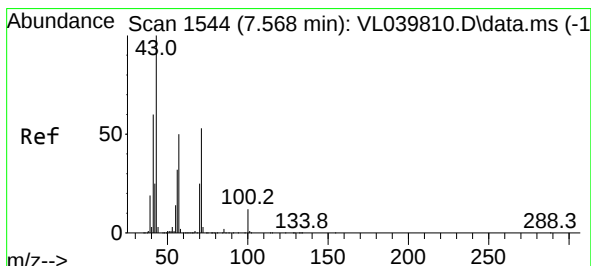
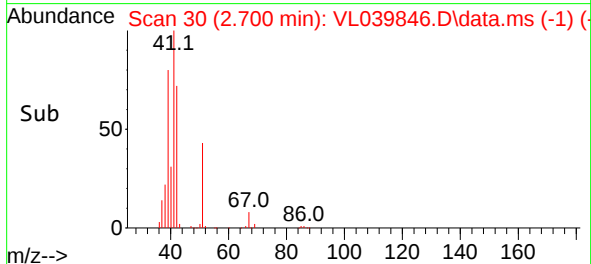
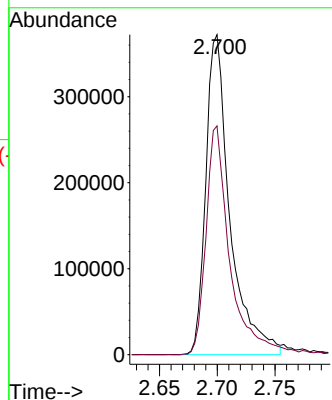
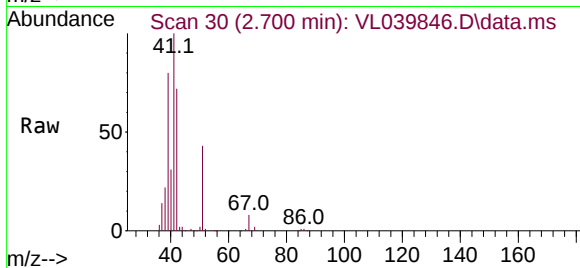
VL1109ABS01

Tgt Ion: 41 Resp: 539884

Ion Ratio Lower Upper

41 100

42 71.9 56.3 84.5



#10

Heptane

Concen: 9.579 ppbv

RT: 7.552 min Scan# 1539

Delta R.T. -0.016 min

Lab File: VL039846.D

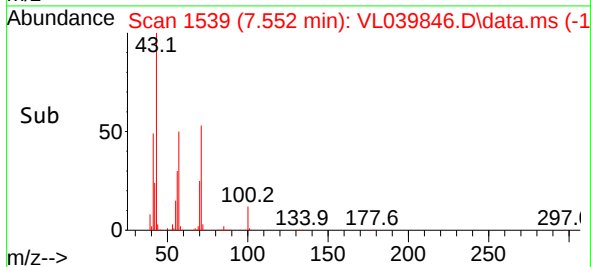
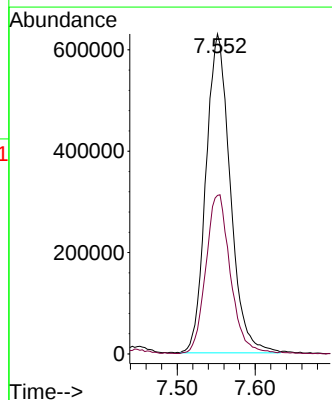
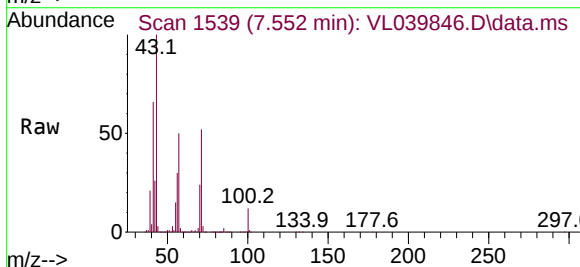
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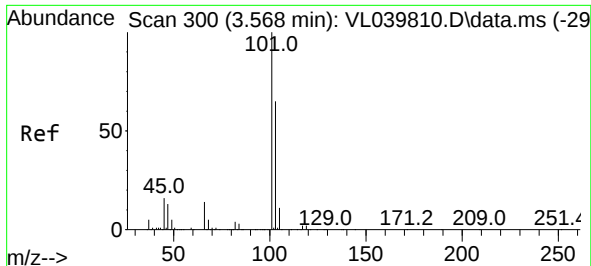
Tgt Ion: 43 Resp: 1361320

Ion Ratio Lower Upper

43 100

57 50.9 40.5 60.7

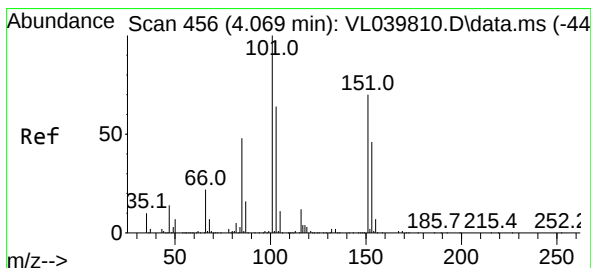
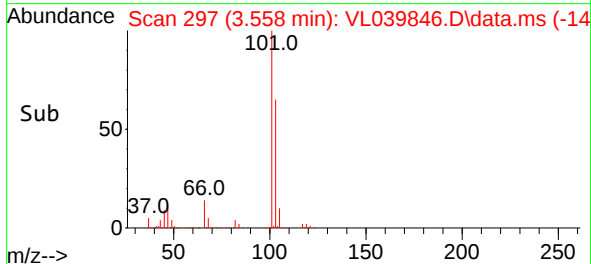
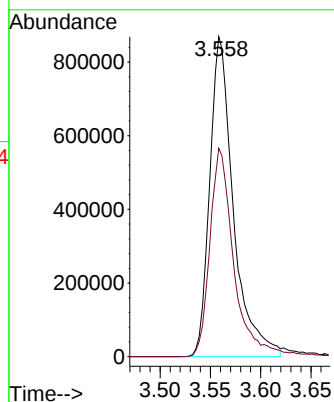
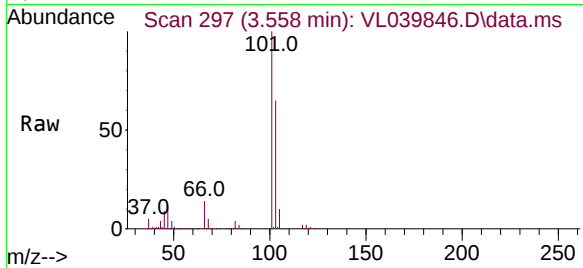




#11
 Trichlorofluoromethane
 Concen: 10.787 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.010 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

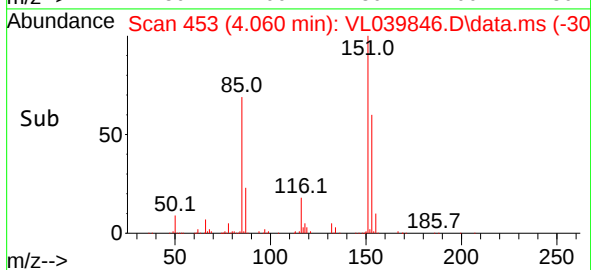
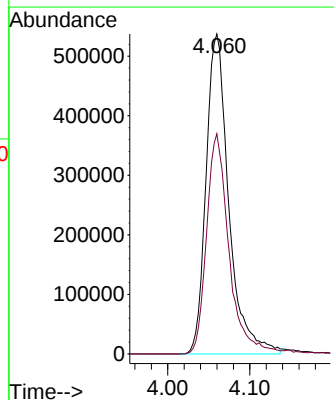
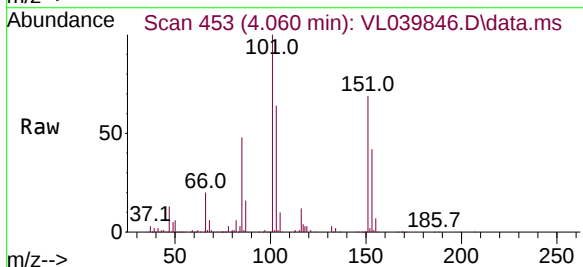
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

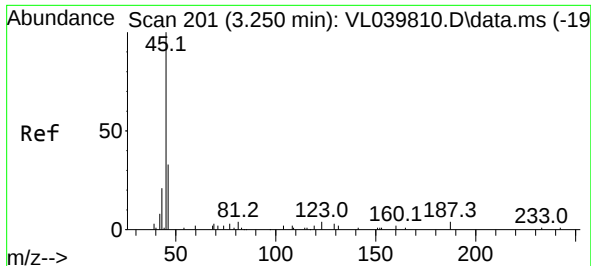
Tgt Ion:101 Resp: 1418571
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.890 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.010 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

Tgt Ion:101 Resp: 1034323
 Ion Ratio Lower Upper
 101 100
 151 68.8 57.2 85.8

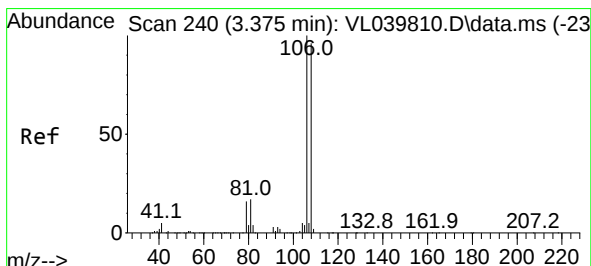
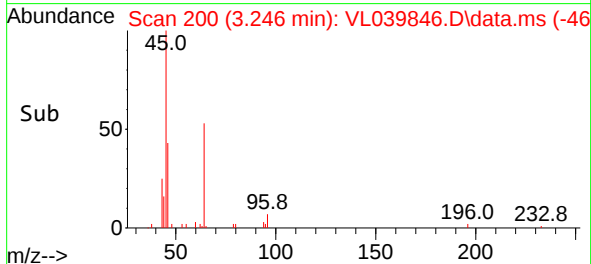
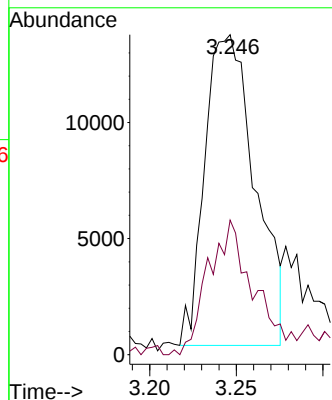
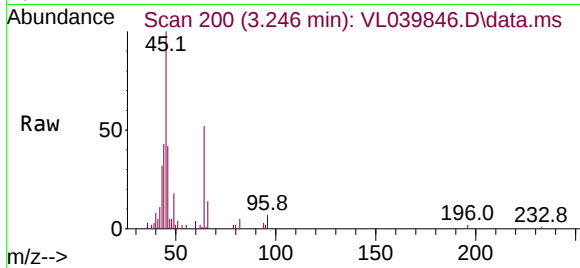




#13
Ethanol
Concen: 6.459 ppbv
RT: 3.246 min Scan# 201
Delta R.T. -0.003 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

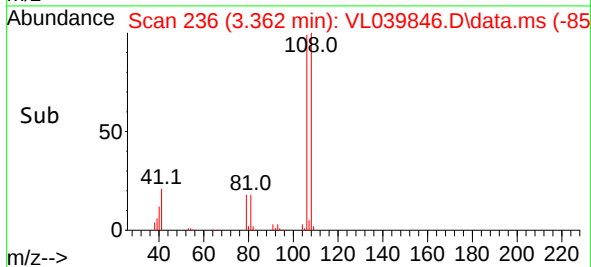
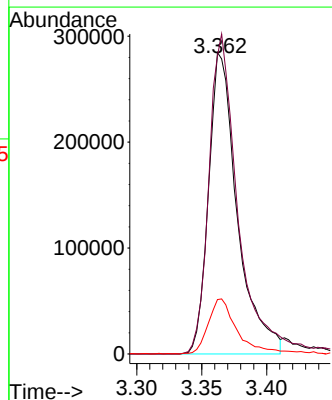
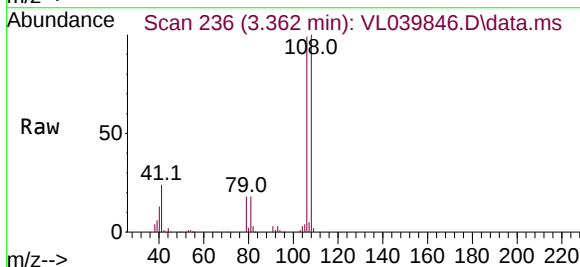
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

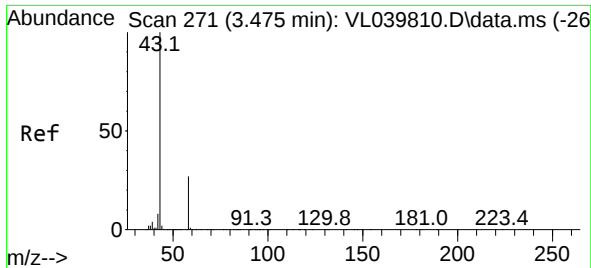
Tgt Ion: 45 Resp: 27079
Ion Ratio Lower Upper
45 100
46 49.6 16.5 65.9



#14
Bromoethene
Concen: 10.292 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.013 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 108 Resp: 437704
Ion Ratio Lower Upper
108 100
106 110.4 87.8 131.8
79 19.1 14.5 21.7

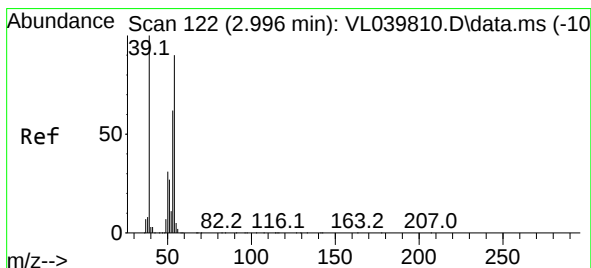
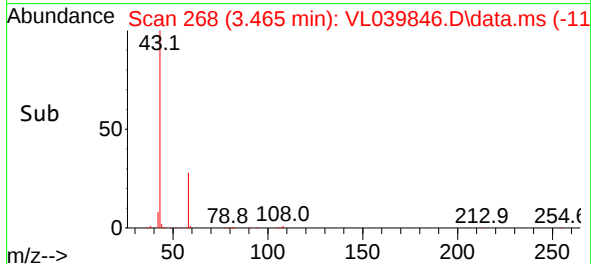
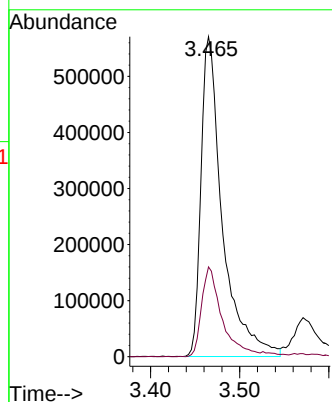
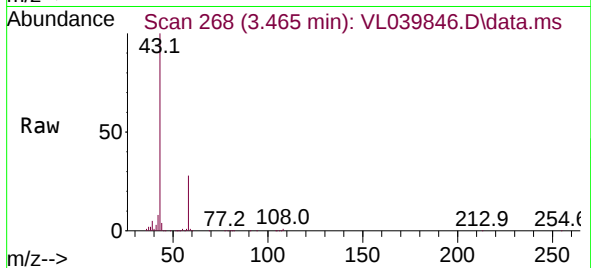




#15
Acetone
Concen: 8.203 ppbv
RT: 3.465 min Scan# 211
Delta R.T. -0.010 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

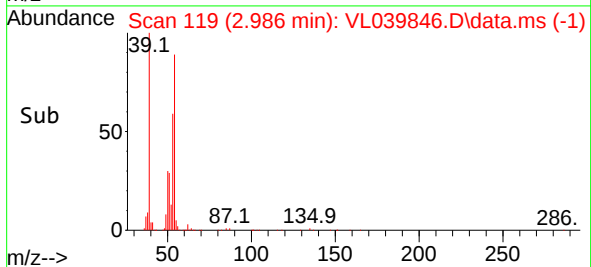
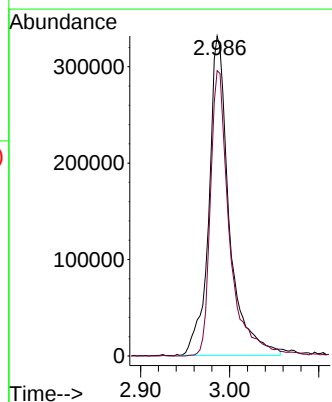
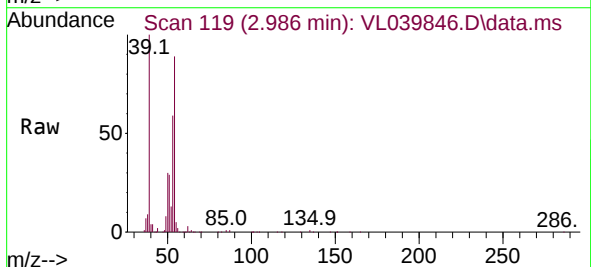
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

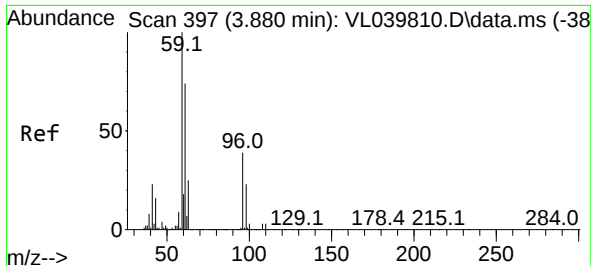
Tgt Ion: 43 Resp: 953580
Ion Ratio Lower Upper
43 100
58 27.8 23.2 34.8



#16
1,3-Butadiene
Concen: 9.728 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.010 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 39 Resp: 525931
Ion Ratio Lower Upper
39 100
54 85.4 71.0 106.4





#17

tert-Butyl alcohol

Concen: 8.475 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.010 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

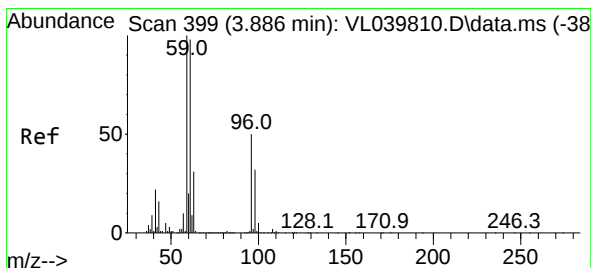
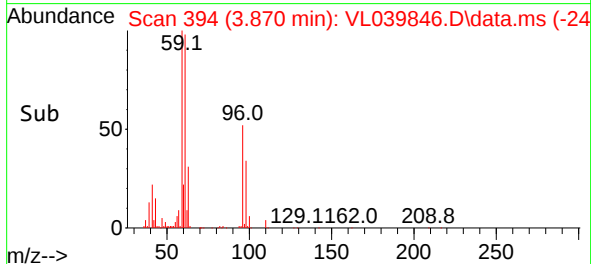
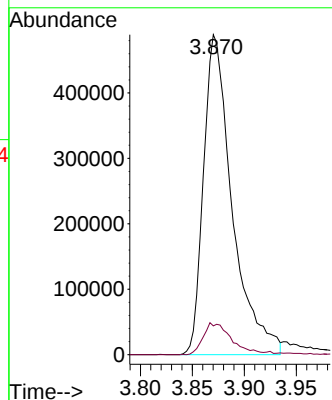
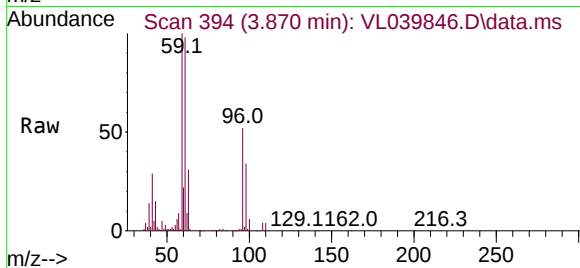
VL1109ABS01

Tgt Ion: 59 Resp: 938253

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.6



#18

1,1-Dichloroethene

Concen: 10.665 ppbv

RT: 3.873 min Scan# 395

Delta R.T. -0.013 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

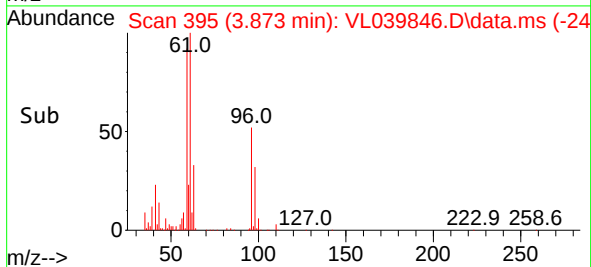
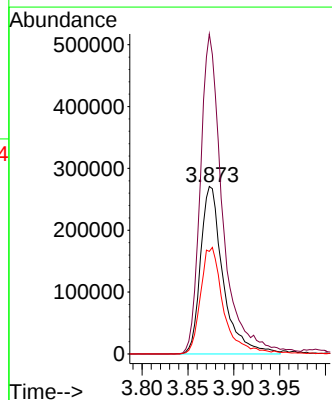
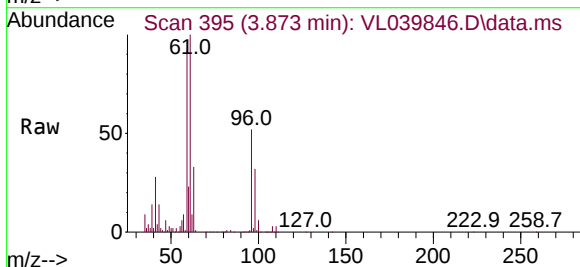
Tgt Ion: 96 Resp: 464425

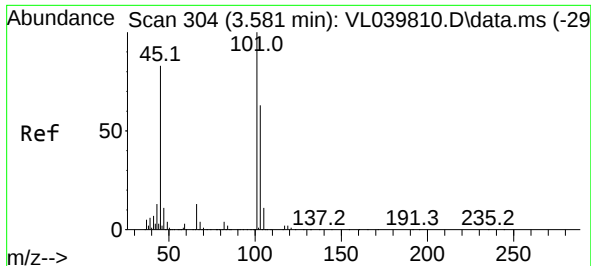
Ion Ratio Lower Upper

96 100

61 190.8 156.9 235.3

98 61.2 50.6 75.8





#19

Isopropyl Alcohol

Concen: 8.003 ppbv

RT: 3.574 min Scan# 304

Delta R.T. -0.006 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

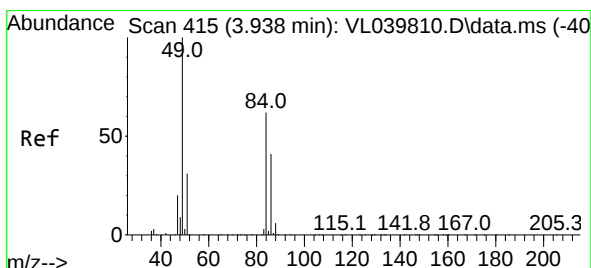
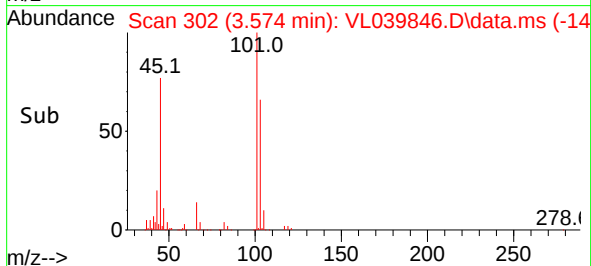
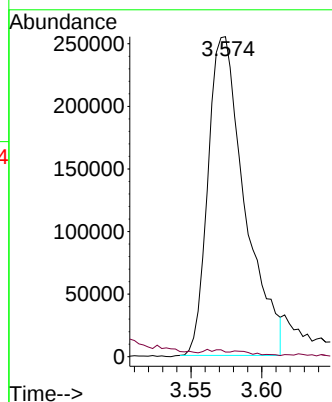
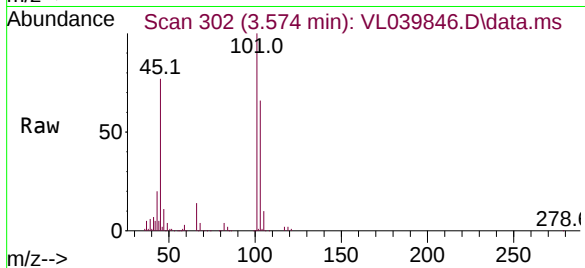
VL1109ABS01

Tgt Ion: 45 Resp: 460511

Ion Ratio Lower Upper

45 100

58 2.0 38.3 57.5#



#20

Methylene Chloride

Concen: 9.354 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.013 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Tgt Ion: 84 Resp: 389018

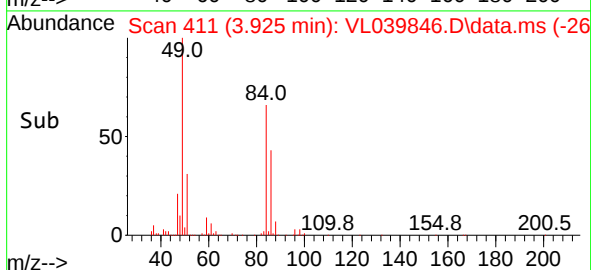
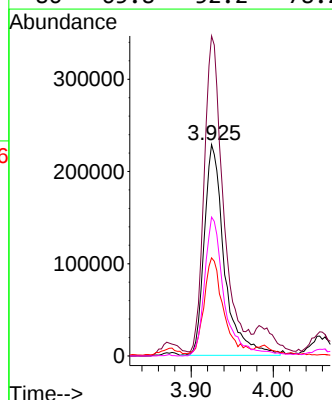
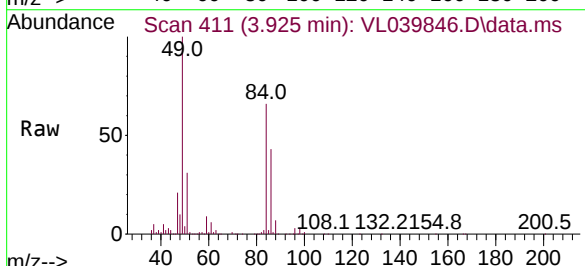
Ion Ratio Lower Upper

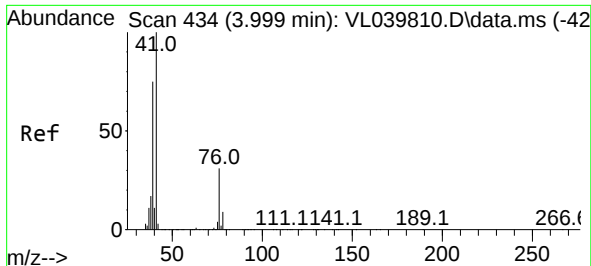
84 100

49 148.1 128.6 192.8

51 44.8 40.2 60.4

86 65.8 52.2 78.2

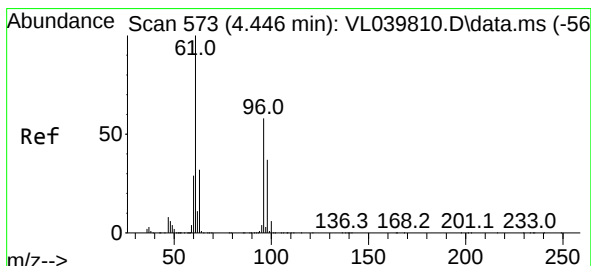
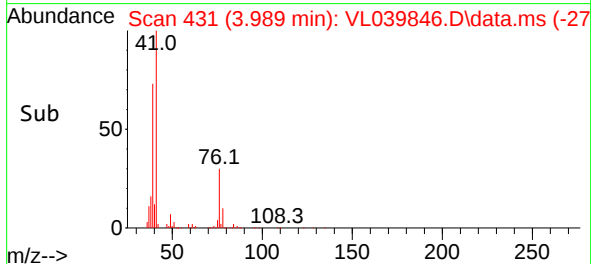
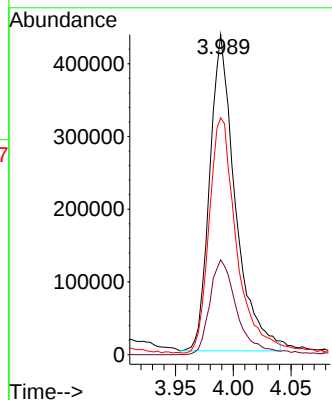
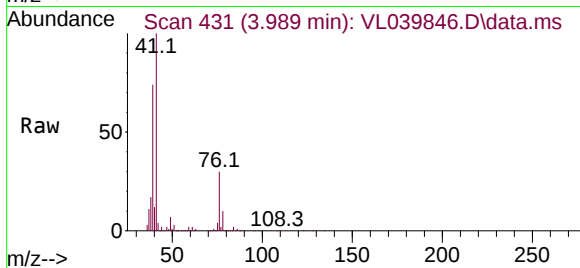




#21
 Allyl Chloride
 Concen: 9.102 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

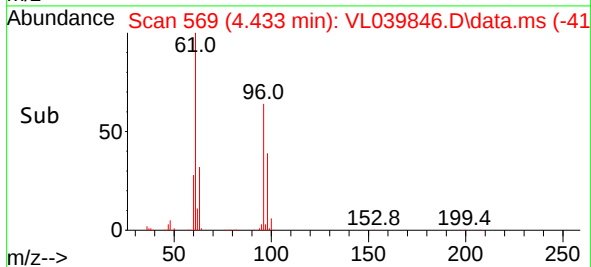
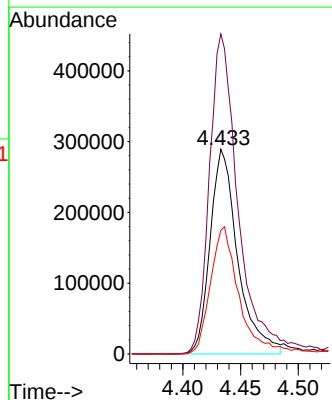
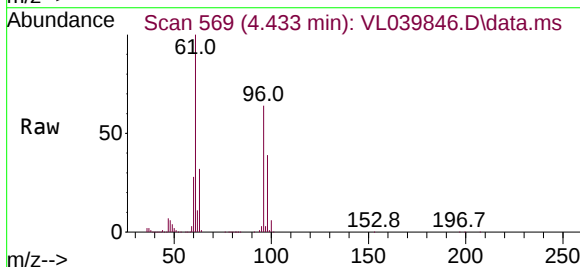
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

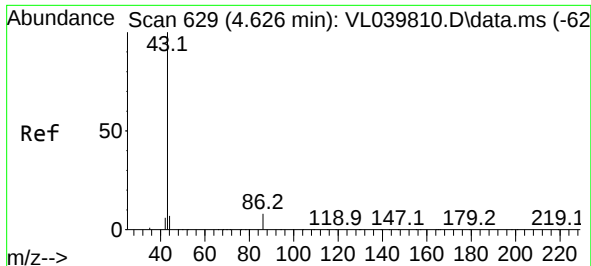
Tgt Ion: 41 Resp: 669296
 Ion Ratio Lower Upper
 41 100
 76 32.3 24.1 36.1
 39 81.4 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.923 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.013 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

Tgt Ion: 96 Resp: 482798
 Ion Ratio Lower Upper
 96 100
 61 156.3 137.6 206.4
 98 60.4 51.2 76.8

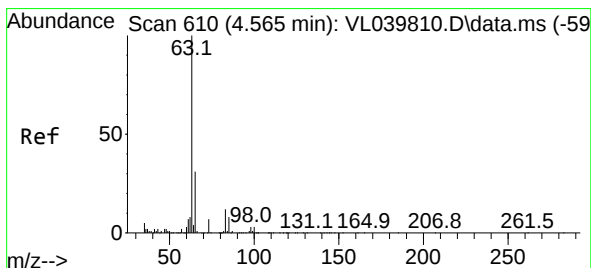
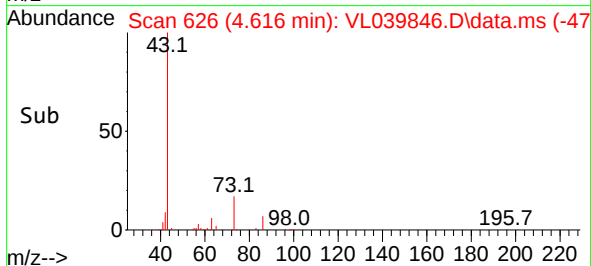
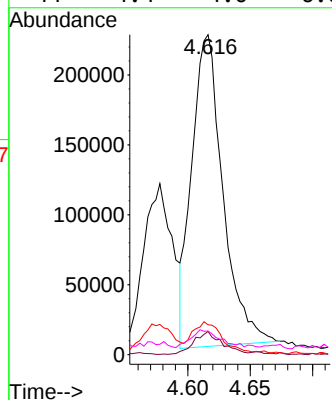
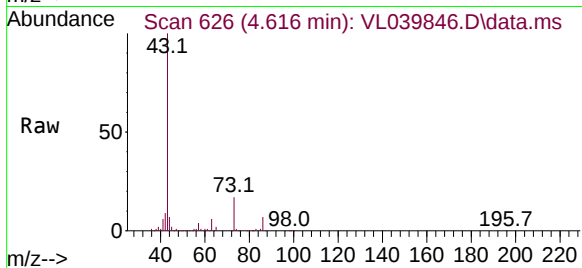




#23
 Vinyl Acetate
 Concen: 8.341 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

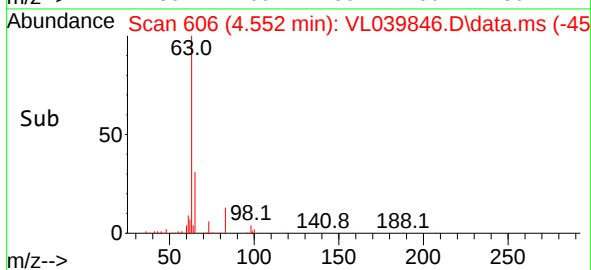
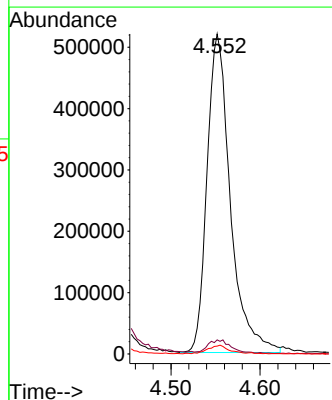
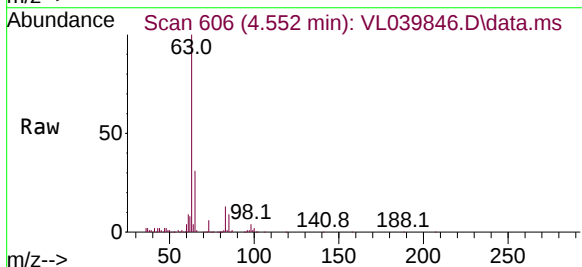
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1109ABS01

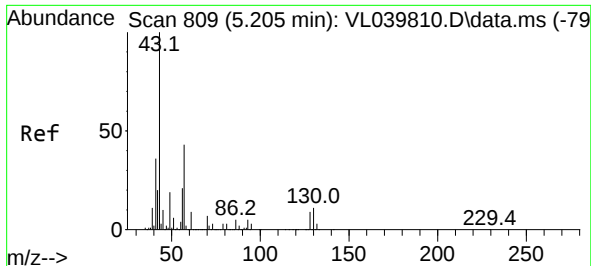
Tgt Ion: 43 Resp: 386286
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.0 7.4
 42 9.2 6.8 10.2
 44 4.4 4.0 6.0



#24
 1,1-Dichloroethane
 Concen: 9.974 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.013 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

Tgt Ion: 63 Resp: 943507
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.8 5.4
 100 2.4 1.5 4.4





#25

Ethyl Acetate

Concen: 9.636 ppbv

RT: 5.188 min Scan# 804

Delta R.T. -0.016 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

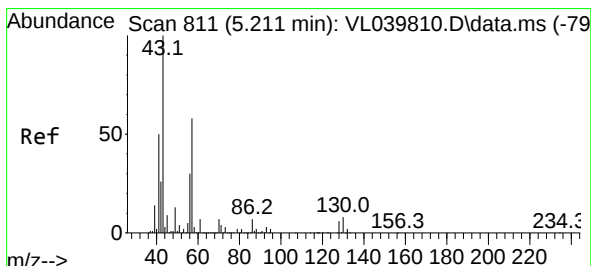
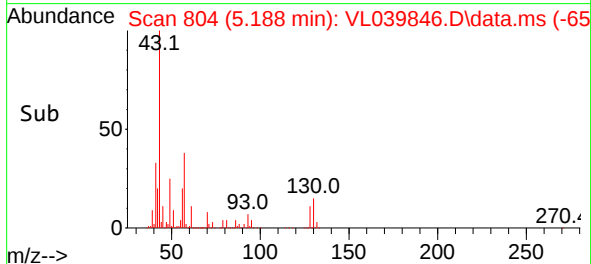
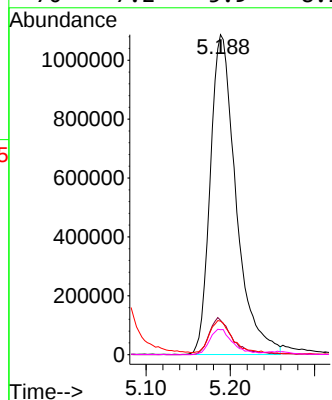
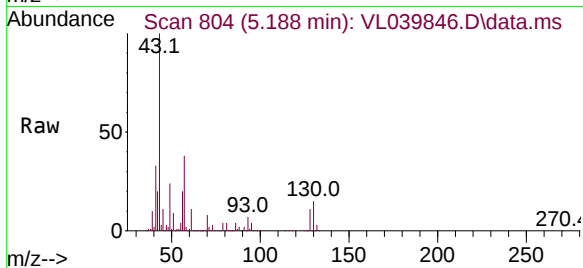
MSVOA_L

ClientSampleId :

VL1109ABS01

Tgt Ion: 43 Resp: 2307495

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.2
61	10.3	8.1	12.1
70	7.2	5.9	8.9



#26

Hexane

Concen: 9.307 ppbv

RT: 5.198 min Scan# 807

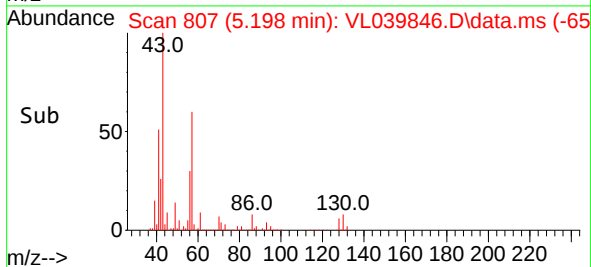
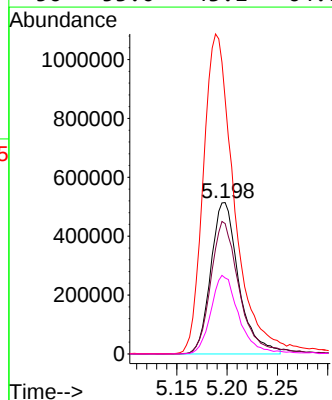
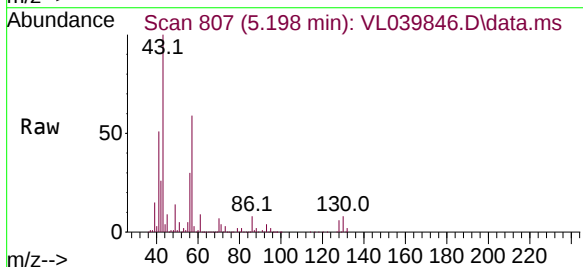
Delta R.T. -0.013 min

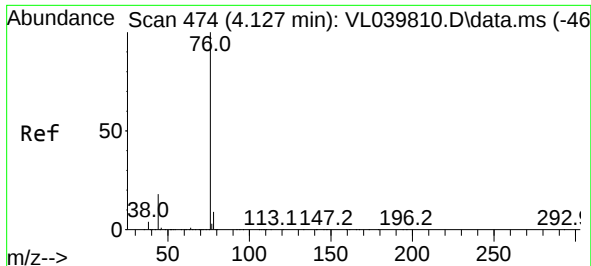
Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Tgt Ion: 57 Resp: 993739

Ion	Ratio	Lower	Upper
57	100		
41	91.3	73.7	110.5
43	238.5	189.8	284.8
56	53.0	43.1	64.7



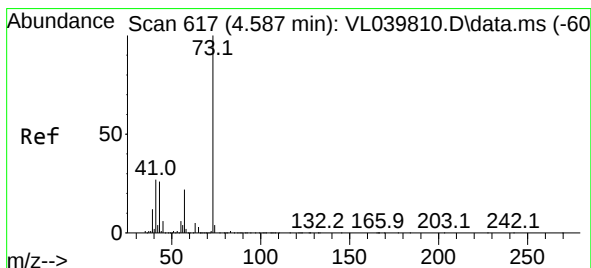
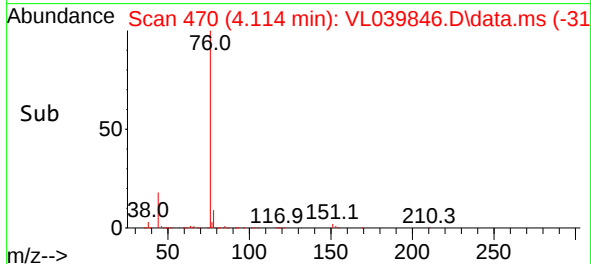
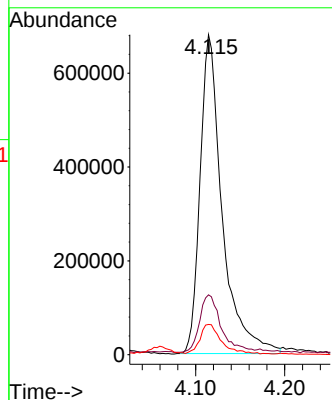
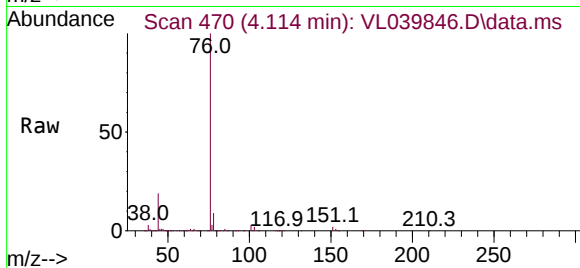


#27
Carbon Disulfide
Concen: 10.450 ppbv
RT: 4.114 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

Tgt Ion: 76 Resp: 1171644

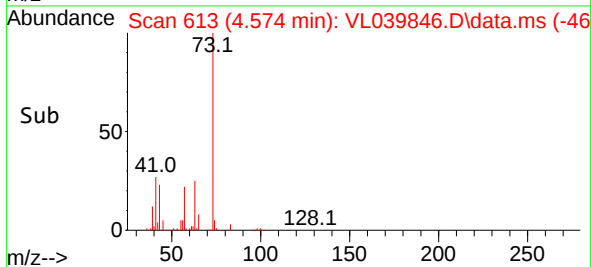
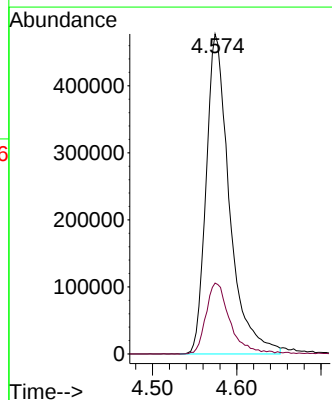
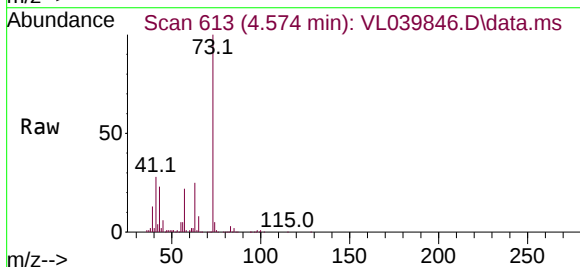
Ion	Ratio	Lower	Upper
76	100		
44	19.1	14.6	22.0
78	10.1	7.6	11.4

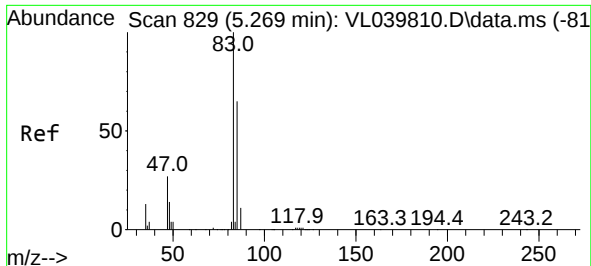


#28
Methyl tert-Butyl Ether
Concen: 9.503 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.013 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 73 Resp: 918342

Ion	Ratio	Lower	Upper
73	100		
57	23.2	19.4	29.2





#29

Chloroform

Concen: 10.745 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

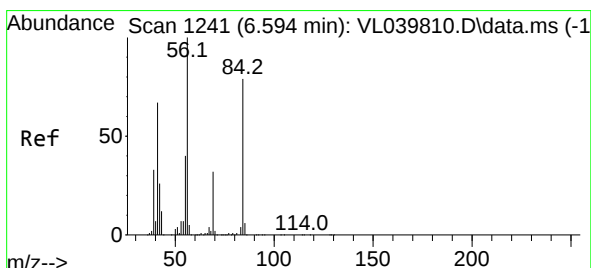
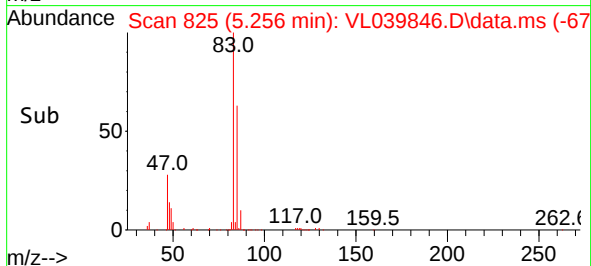
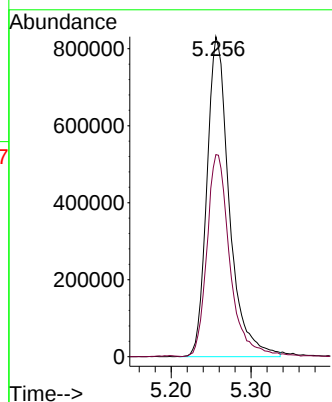
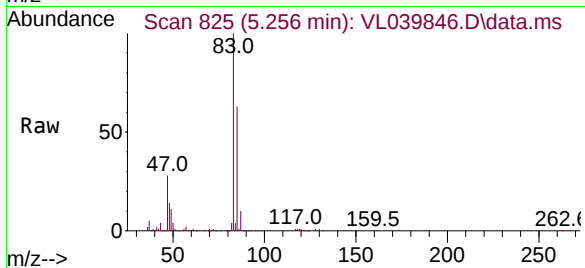
VL1109ABS01

Tgt Ion: 83 Resp: 1613168

Ion Ratio Lower Upper

83 100

85 63.0 51.6 77.4



#30

Cyclohexane

Concen: 9.568 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.019 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

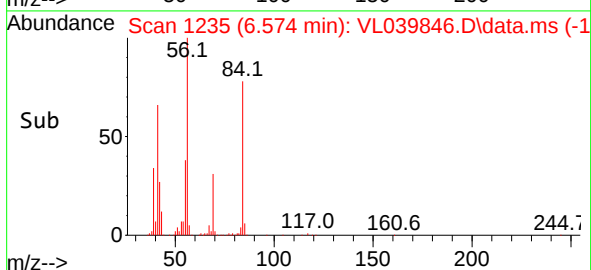
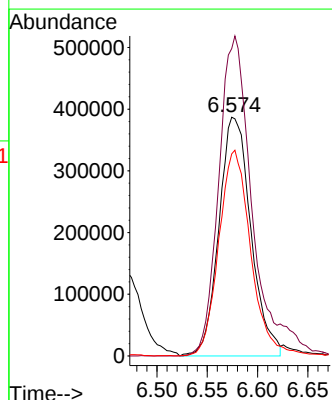
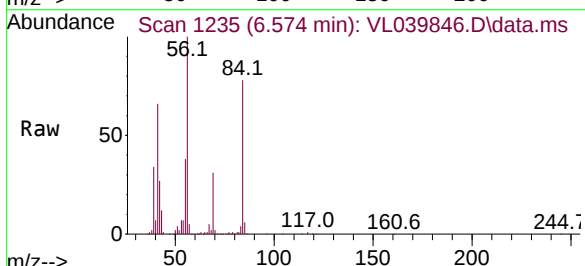
Tgt Ion: 84 Resp: 854290

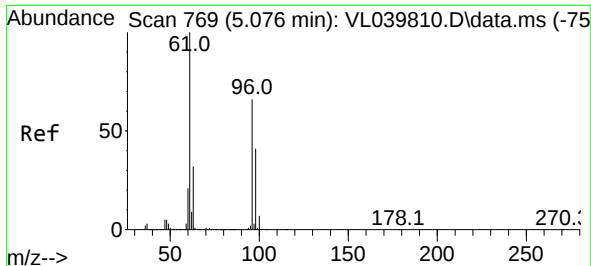
Ion Ratio Lower Upper

84 100

56 142.3 114.8 172.2

41 86.8 68.6 103.0

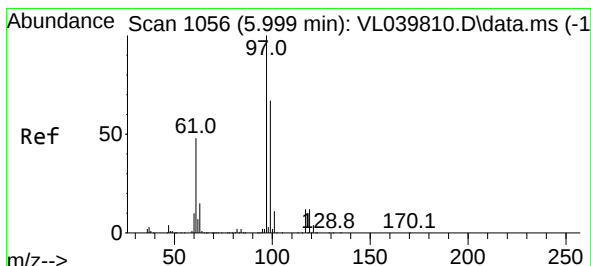
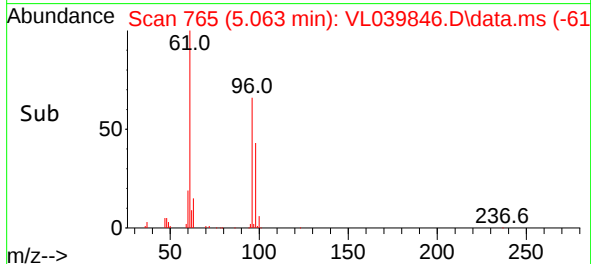
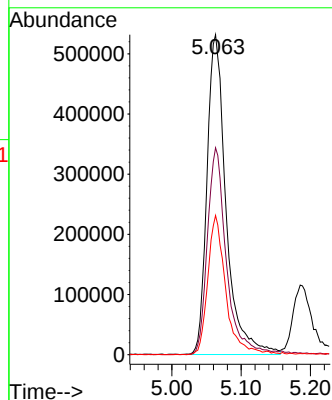
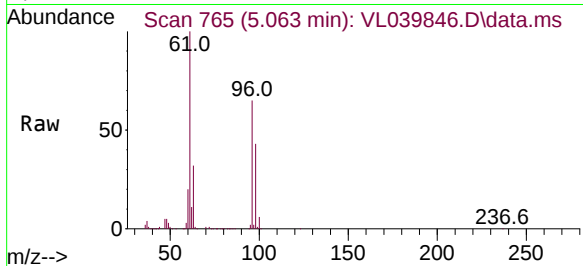




#31
 cis-1,2-Dichloroethene
 Concen: 10.424 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. -0.013 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

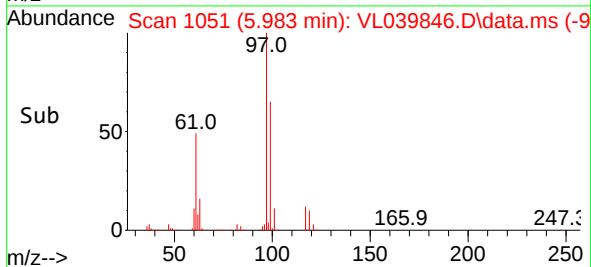
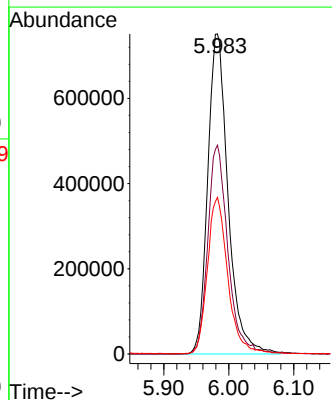
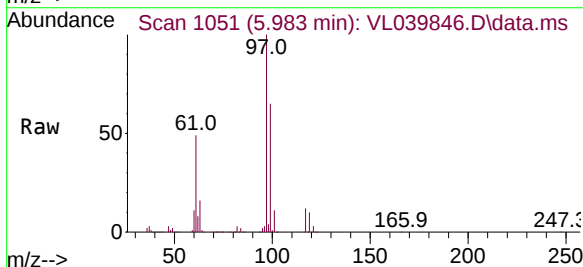
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1109ABS01

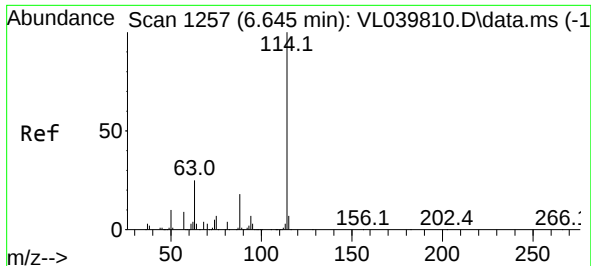
Tgt Ion: 61 Resp: 1014784
 Ion Ratio Lower Upper
 61 100
 96 64.6 52.6 78.8
 98 43.5 32.6 48.8



#32
 1,1,1-Trichloroethane
 Concen: 10.918 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.016 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

Tgt Ion: 97 Resp: 1631708
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.7 79.1
 61 49.5 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

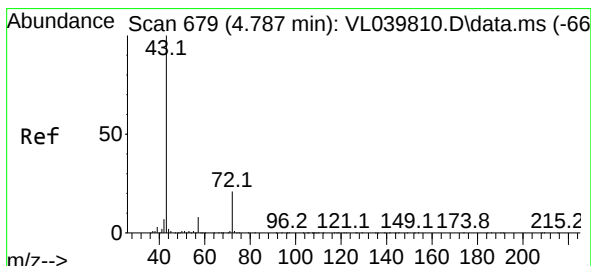
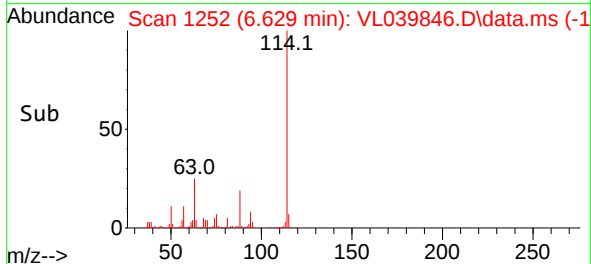
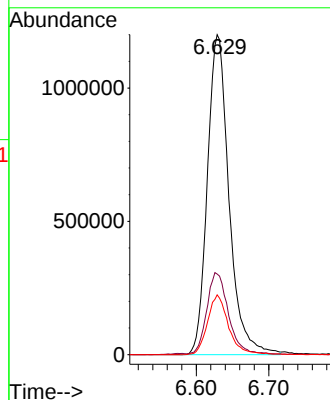
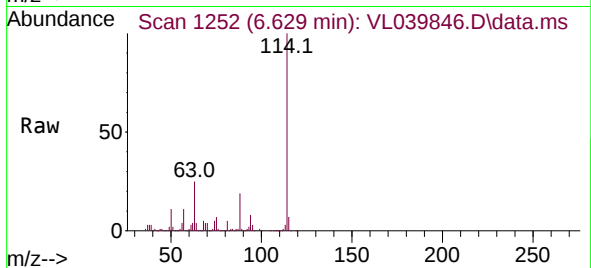
Tgt Ion:114 Resp: 2488627

Ion Ratio Lower Upper

114 100

63 26.4 19.8 29.6

88 18.3 14.4 21.6



#34

2-Butanone

Concen: 10.357 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.013 min

Lab File: VL039846.D

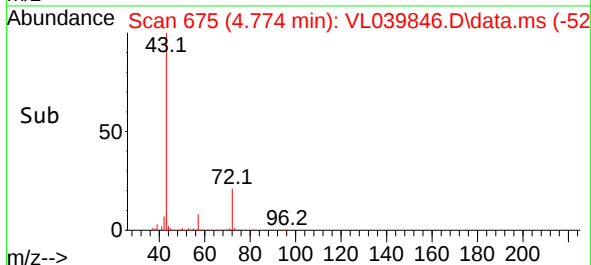
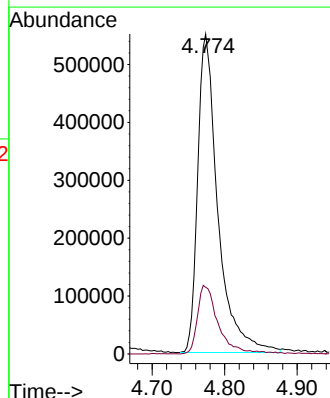
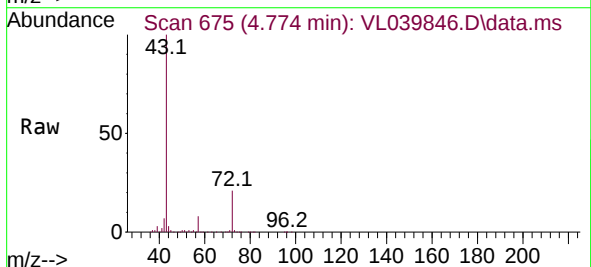
Acq: 9 Nov 2022 13:14

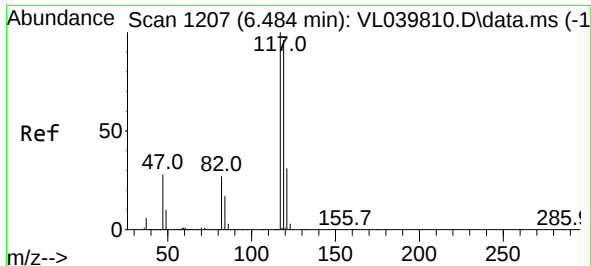
Tgt Ion: 43 Resp: 1063353

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3

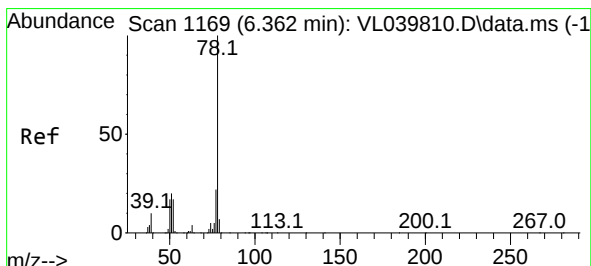
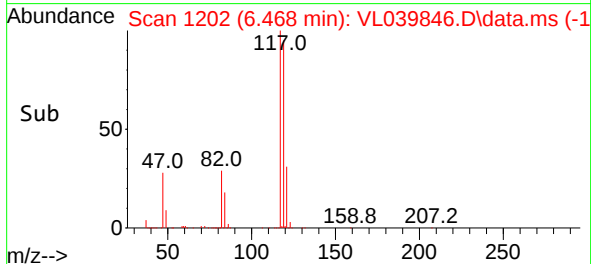
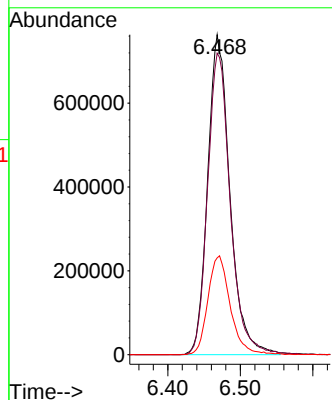
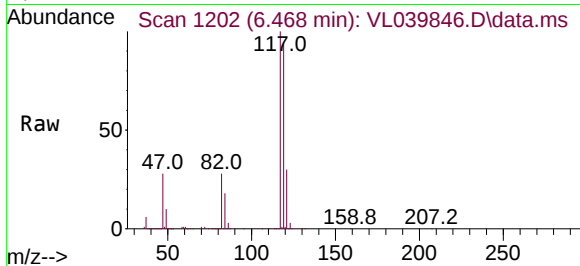




#35
Carbon Tetrachloride
Concen: 11.227 ppbv
RT: 6.468 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

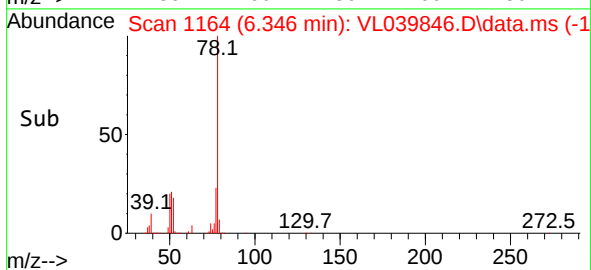
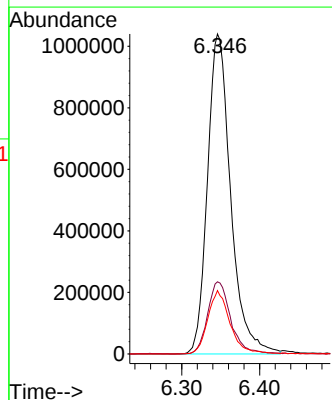
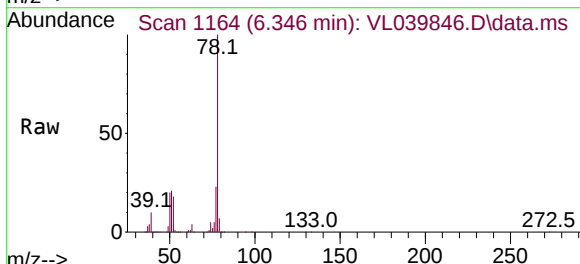
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

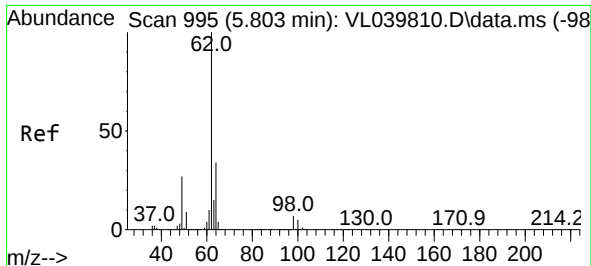
Tgt Ion:117 Resp: 1628577
Ion Ratio Lower Upper
117 100
119 94.2 76.5 114.7
121 30.3 25.2 37.8



#36
Benzene
Concen: 10.245 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 78 Resp: 2150675
Ion Ratio Lower Upper
78 100
77 22.5 17.4 26.2
50 19.8 13.9 20.9

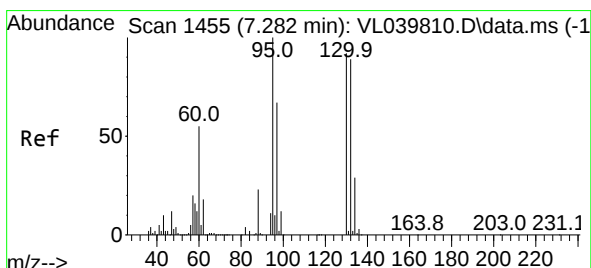
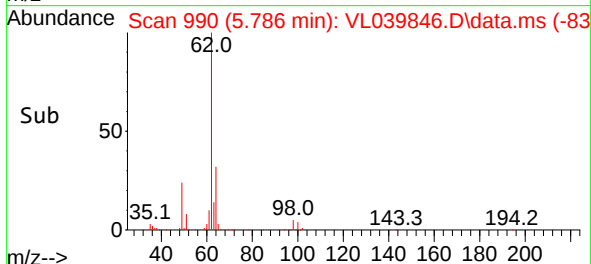
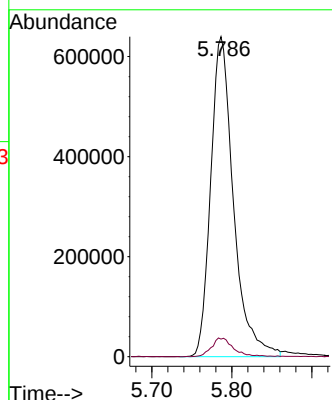
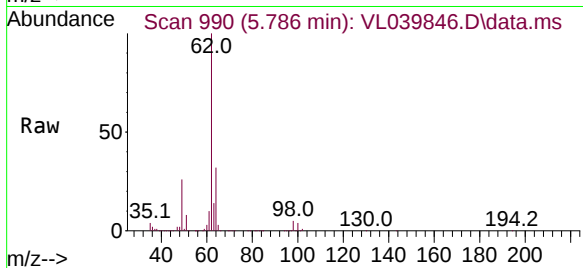




#37
1,2-Dichloroethane
Concen: 12.568 ppbv
RT: 5.786 min Scan# 995
Delta R.T. -0.016 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

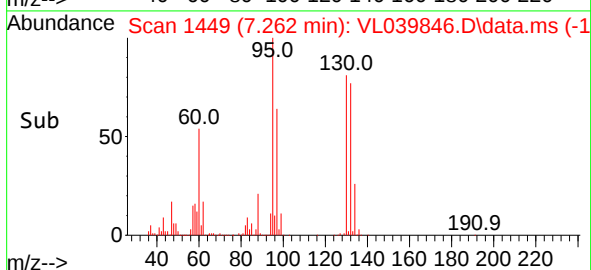
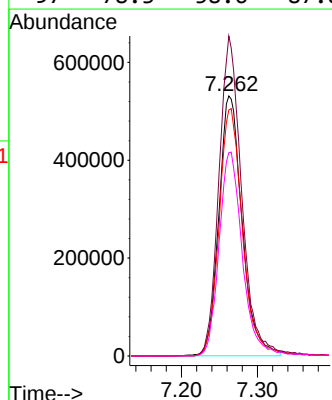
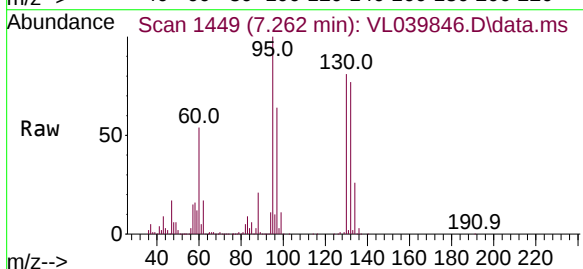
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

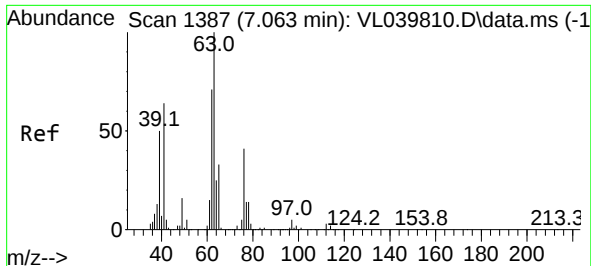
Tgt Ion: 62 Resp: 1265878
Ion Ratio Lower Upper
62 100
98 5.8 5.4 8.2



#38
Trichloroethene
Concen: 10.041 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion:130 Resp: 1128245
Ion Ratio Lower Upper
130 100
95 123.1 87.4 131.2
132 94.7 77.7 116.5
97 78.3 58.6 87.8





#39

1,2-Dichloropropane

Concen: 10.404 ppbv

RT: 7.044 min Scan# 1

Delta R.T. -0.019 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

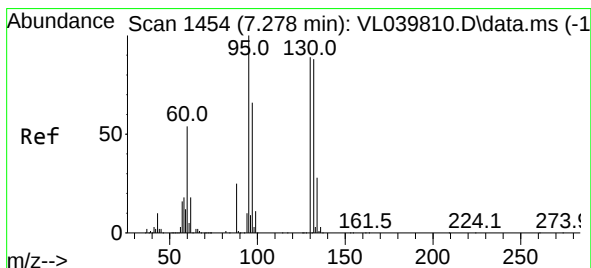
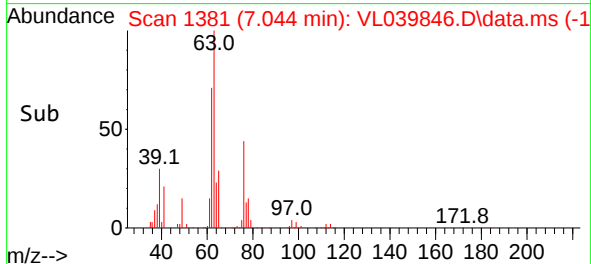
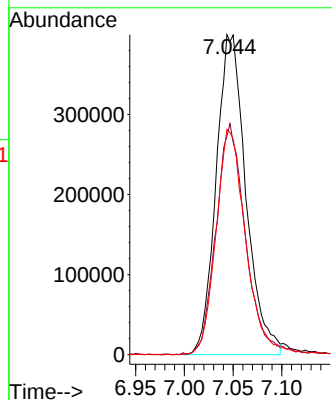
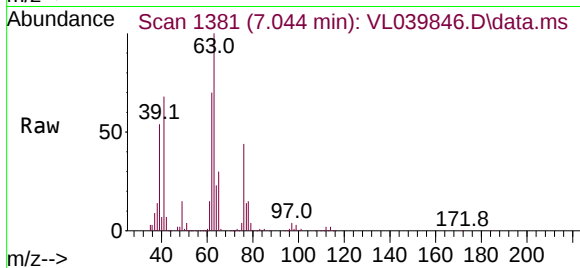
Tgt Ion: 63 Resp: 850940

Ion Ratio Lower Upper

63 100

41 68.1 51.0 76.4

62 70.3 56.6 85.0



#40

1,4-Dioxane

Concen: 10.542 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.023 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Tgt Ion: 88 Resp: 330173

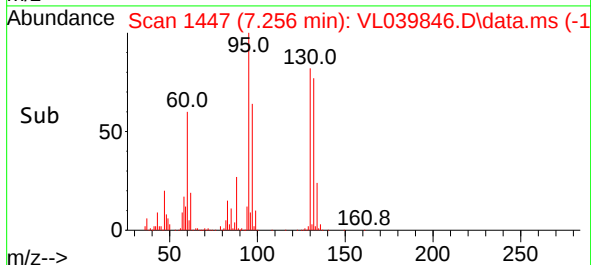
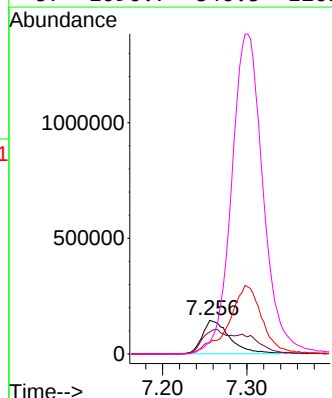
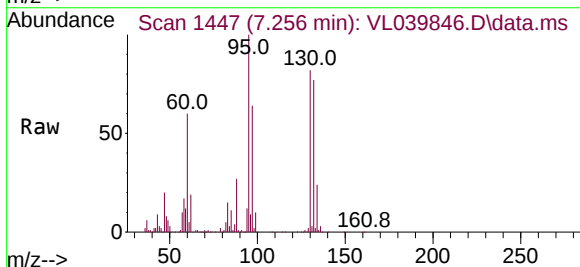
Ion Ratio Lower Upper

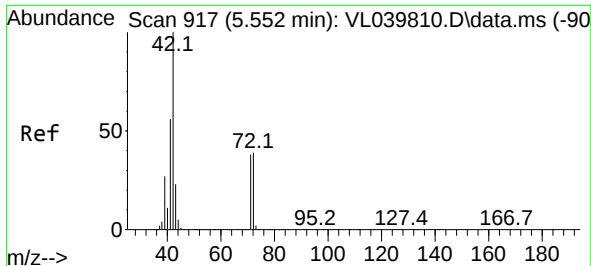
88 100

58 124.0 99.5 149.3

43 245.8 189.7 284.5

57 1096.7 846.5 1269.7





#41

Tetrahydrofuran

Concen: 9.899 ppbv

RT: 5.539 min Scan# 917

Delta R.T. -0.013 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

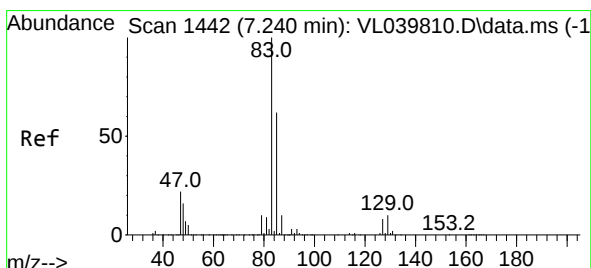
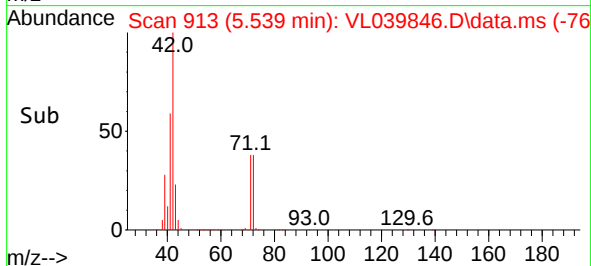
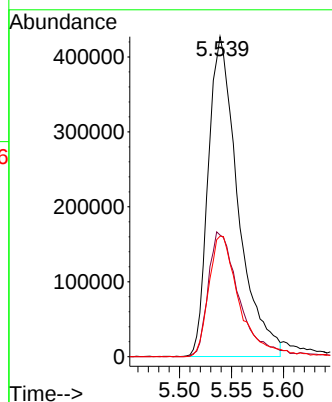
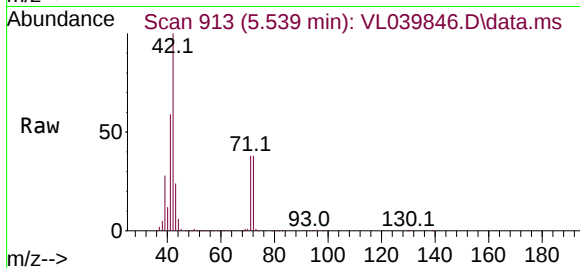
Tgt Ion: 42 Resp: 849356

Ion Ratio Lower Upper

42 100

72 41.7 31.4 47.2

71 39.8 31.5 47.3



#42

Bromodichloromethane

Concen: 11.239 ppbv

RT: 7.220 min Scan# 1436

Delta R.T. -0.019 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

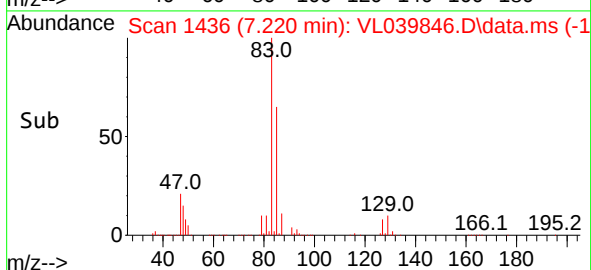
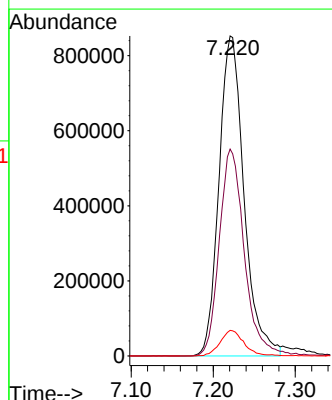
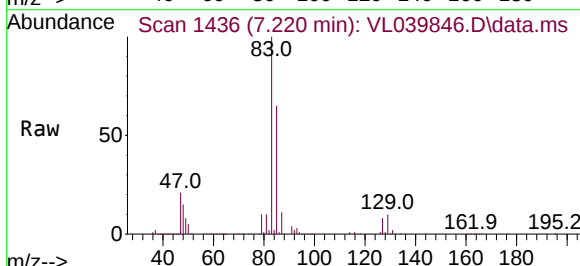
Tgt Ion: 83 Resp: 1807940

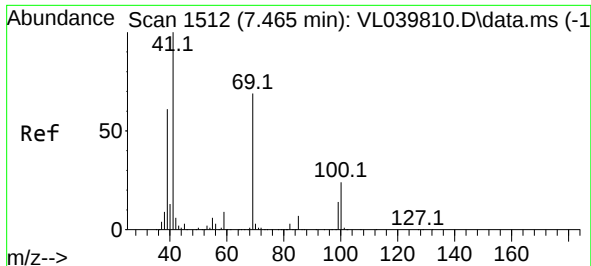
Ion Ratio Lower Upper

83 100

85 64.6 49.9 74.9

127 8.0 6.4 9.6





#43

Methyl Methacrylate

Concen: 10.428 ppbv

RT: 7.449 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_1

ClientSampleId :

VL1109ABS01

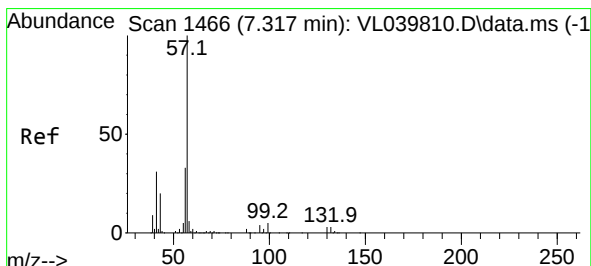
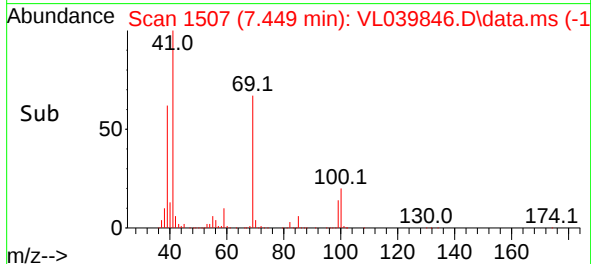
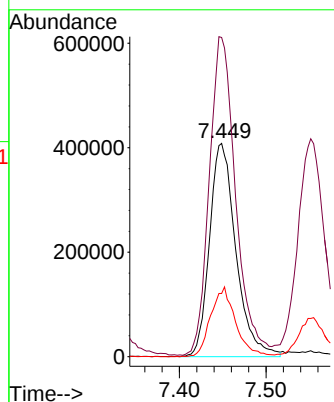
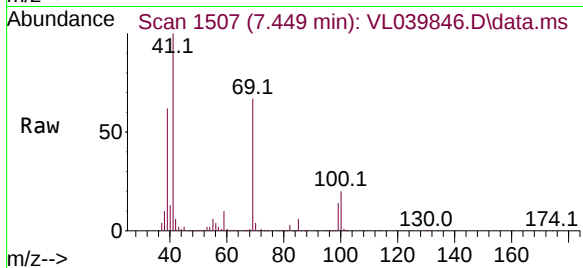
Tgt Ion: 69 Resp: 865194

Ion Ratio Lower Upper

69 100

41 150.0 115.7 173.5

100 30.8 25.9 38.9



#44

2,2,4-Trimethylpentane

Concen: 10.165 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. -0.016 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

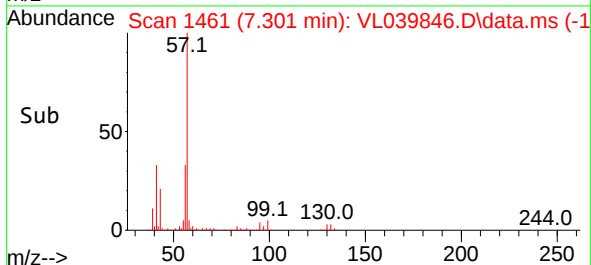
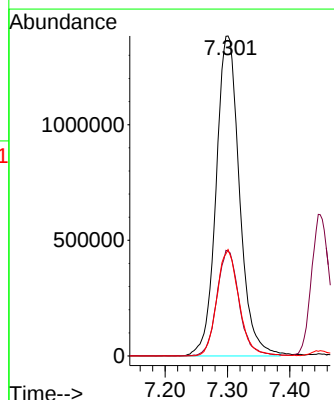
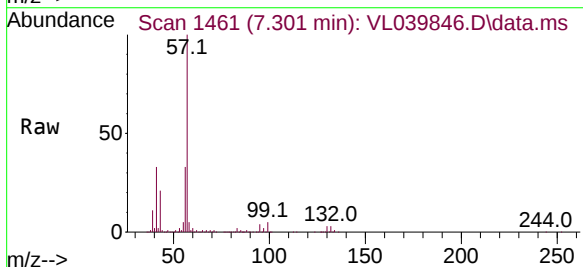
Tgt Ion: 57 Resp: 3601856

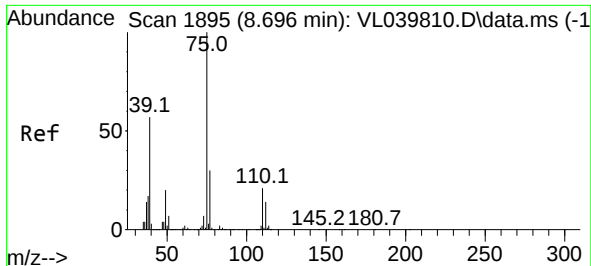
Ion Ratio Lower Upper

57 100

41 31.5 24.6 36.8

56 31.6 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 10.846 ppbv

RT: 8.677 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

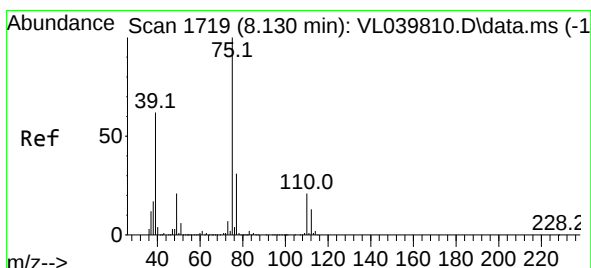
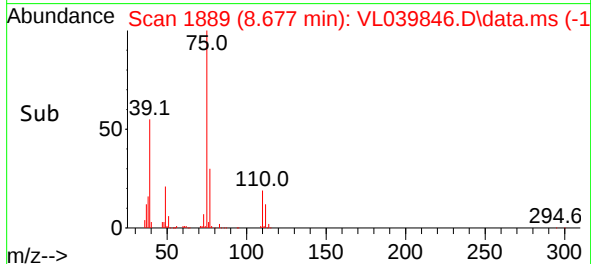
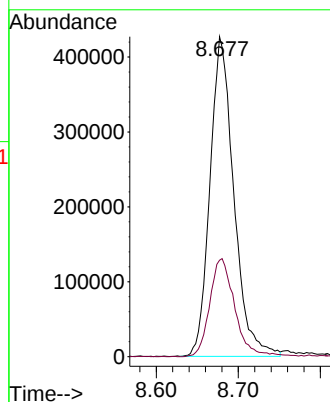
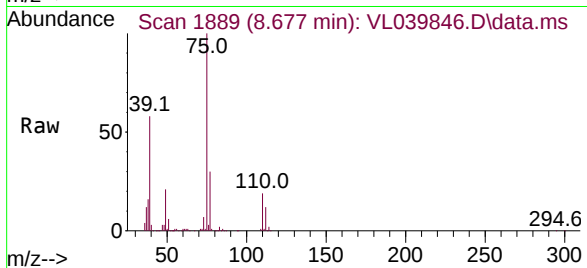
VL1109ABS01

Tgt Ion: 75 Resp: 861956

Ion Ratio Lower Upper

75 100

77 30.1 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 10.444 ppbv

RT: 8.114 min Scan# 1714

Delta R.T. -0.016 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

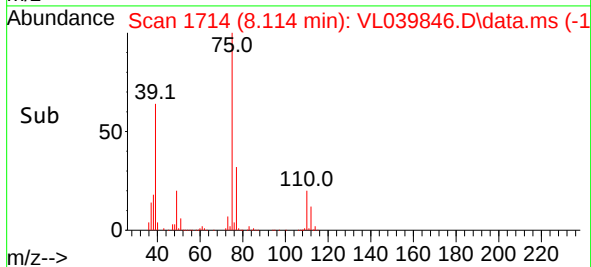
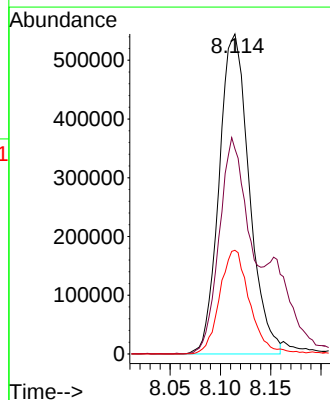
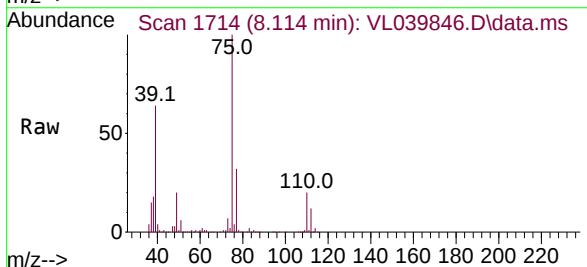
Tgt Ion: 75 Resp: 1132895

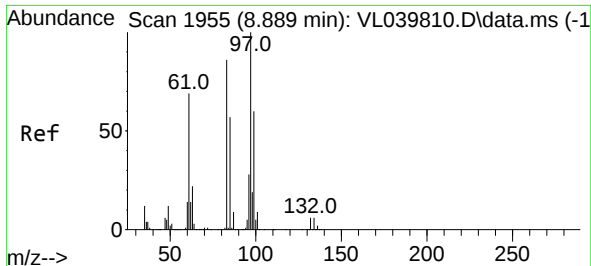
Ion Ratio Lower Upper

75 100

39 64.0 50.0 75.0

77 32.4 25.1 37.7

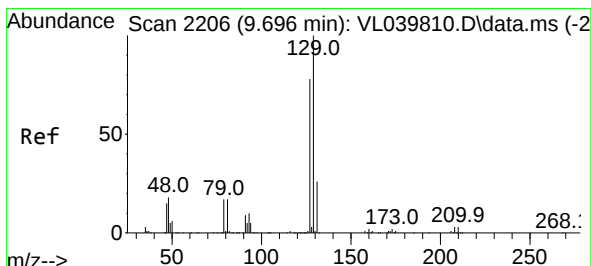
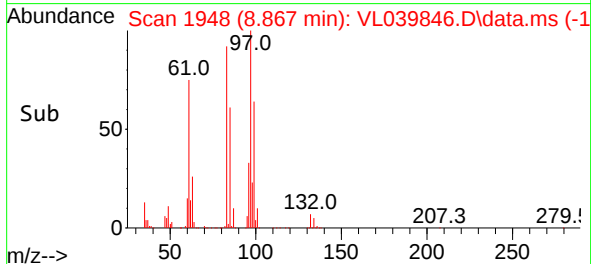
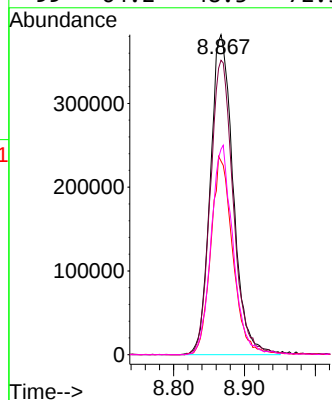
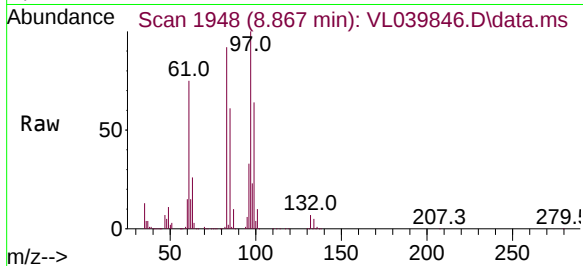




#47
1,1,2-Trichloroethane
Concen: 10.316 ppbv
RT: 8.867 min Scan# 1955
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

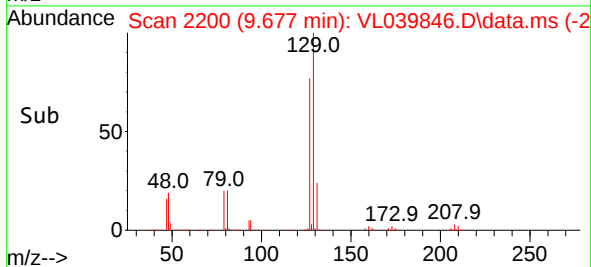
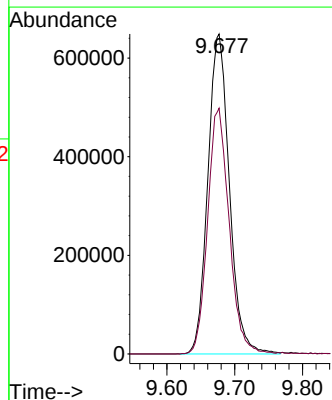
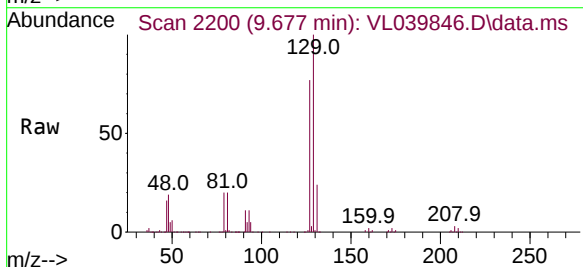
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

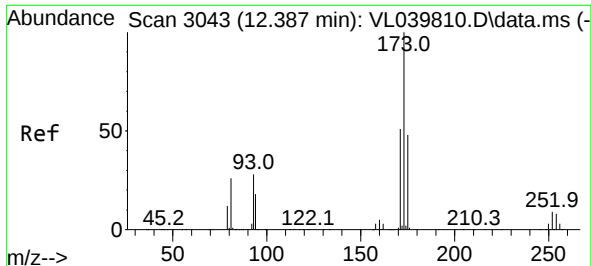
Tgt Ion: 97 Resp: 854427
Ion Ratio Lower Upper
97 100
83 92.0 68.8 103.2
85 60.5 45.8 68.6
99 64.2 48.3 72.5



#48
Dibromochloromethane
Concen: 10.147 ppbv
RT: 9.677 min Scan# 2200
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 129 Resp: 1431922
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.1

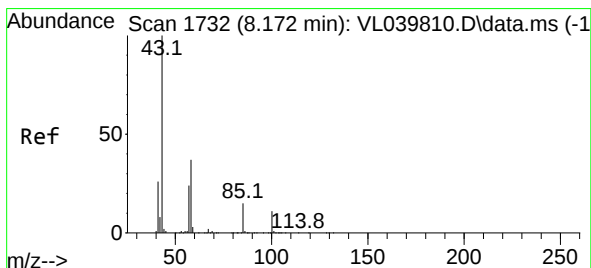
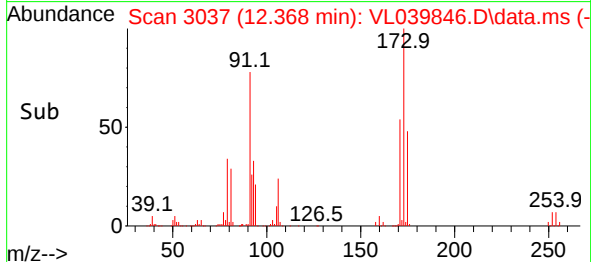
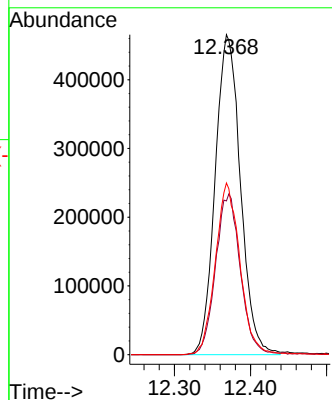
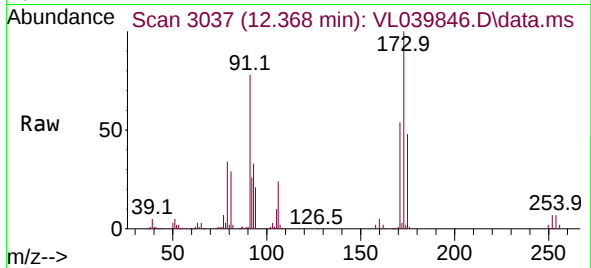




#49
Bromoform
Concen: 9.471 ppbv
RT: 12.368 min Scan# 3043
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

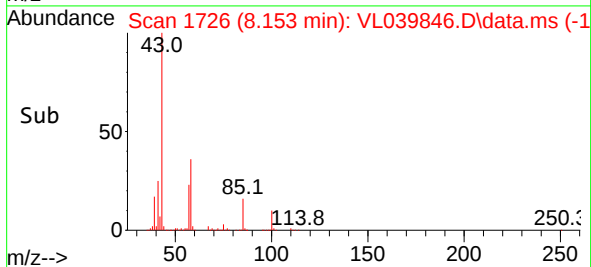
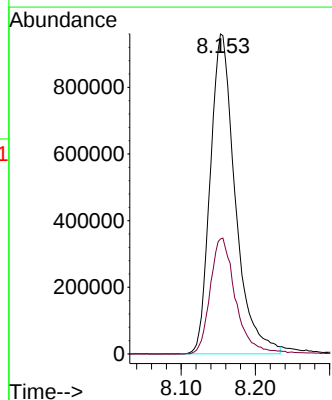
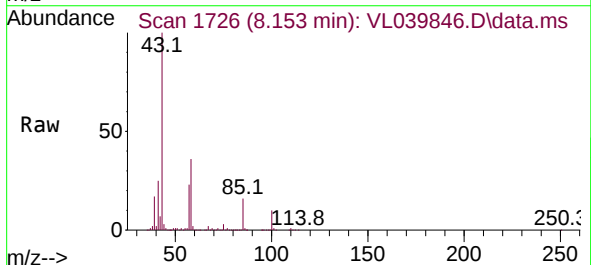
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

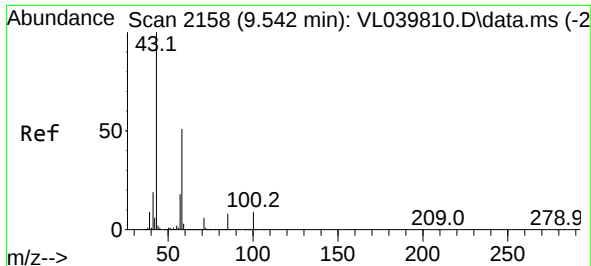
Tgt Ion:173 Resp: 1074361
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
171 52.3 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 10.683 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 43 Resp: 2245328
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.6

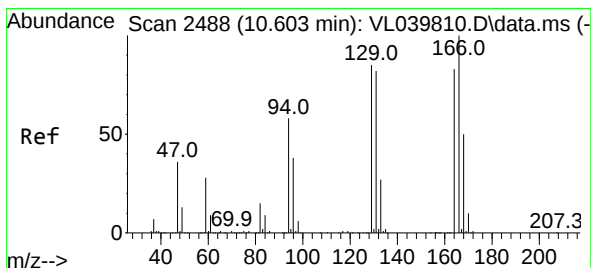
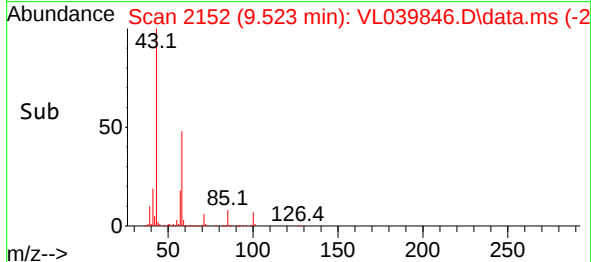
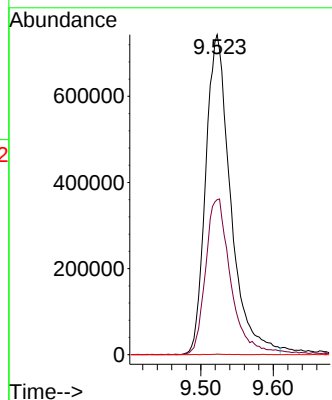
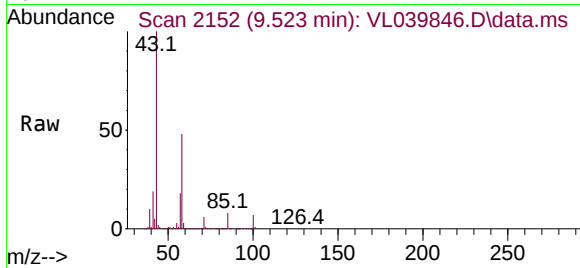




#51
2-Hexanone
Concen: 10.844 ppbv
RT: 9.523 min Scan# 2158
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

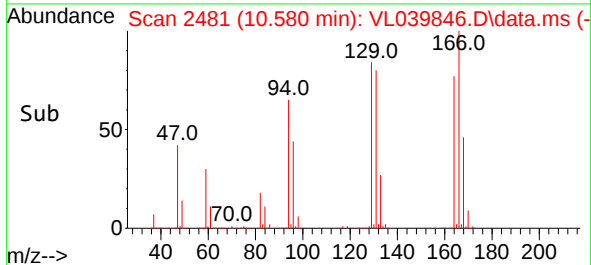
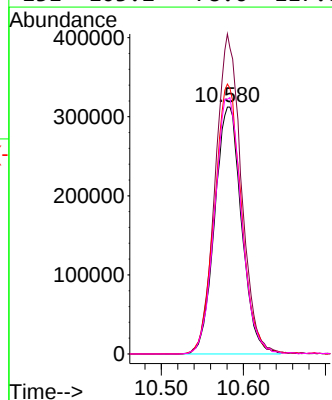
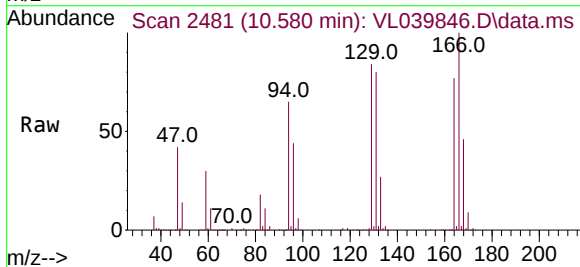
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

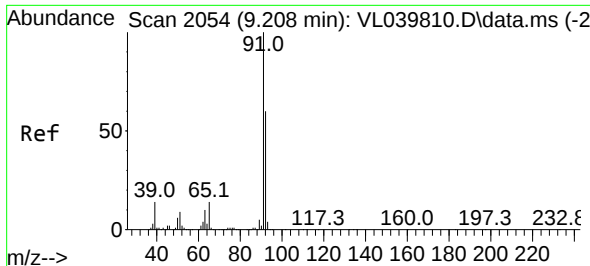
Tgt Ion: 43 Resp: 1777150
Ion Ratio Lower Upper
43 100
58 50.1 40.5 60.7
98 0.1 0.1 0.1



#52
Tetrachloroethene
Concen: 9.013 ppbv
RT: 10.580 min Scan# 2481
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 164 Resp: 708845
Ion Ratio Lower Upper
164 100
166 129.6 96.0 144.0
129 109.2 81.4 122.2
131 103.2 78.6 117.8

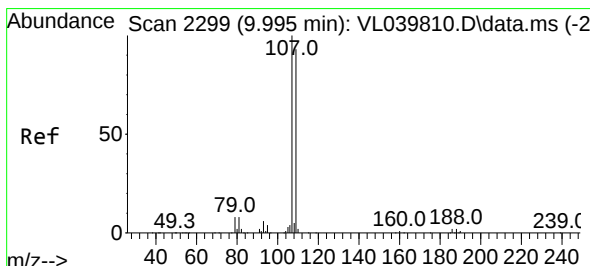
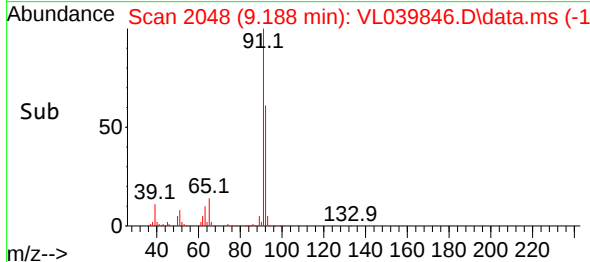
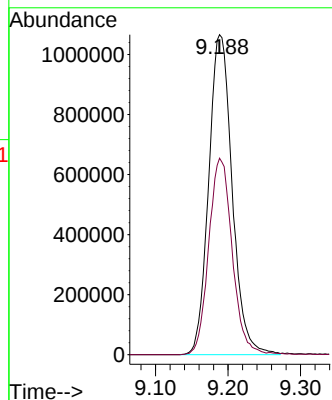
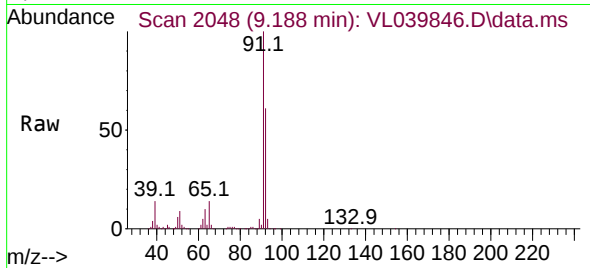




#53
Toluene
Concen: 9.960 ppbv
RT: 9.188 min Scan# 2048
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

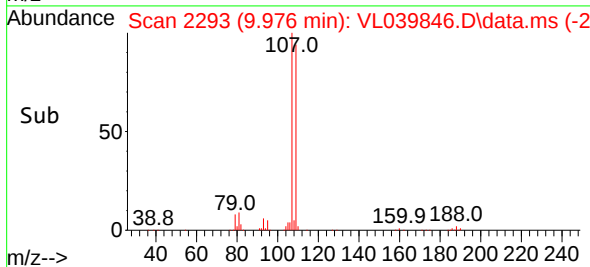
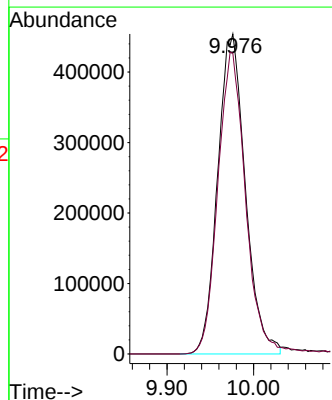
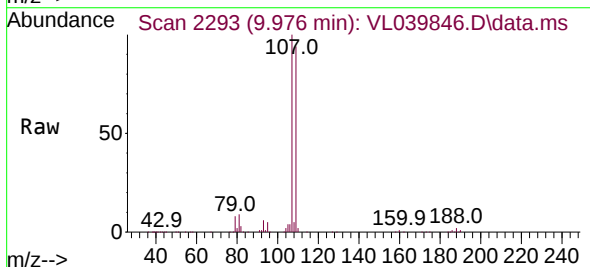
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

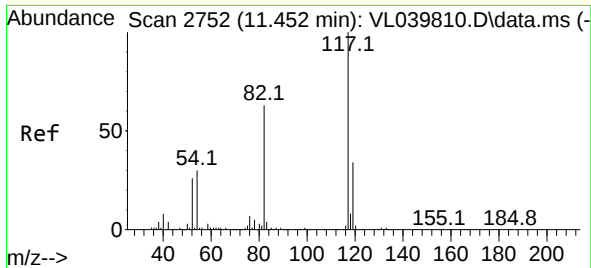
Tgt Ion: 91 Resp: 2398732
Ion Ratio Lower Upper
91 100
92 61.6 49.6 74.4



#54
1,2-Dibromoethane
Concen: 10.957 ppbv
RT: 9.976 min Scan# 2293
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 107 Resp: 1007130
Ion Ratio Lower Upper
107 100
109 94.0 74.5 111.7

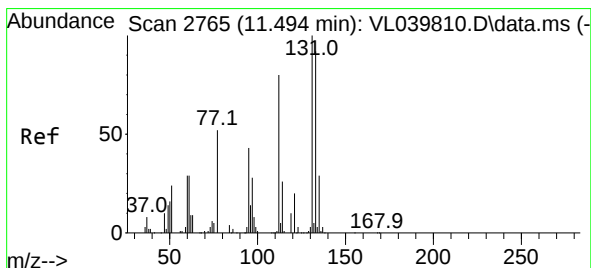
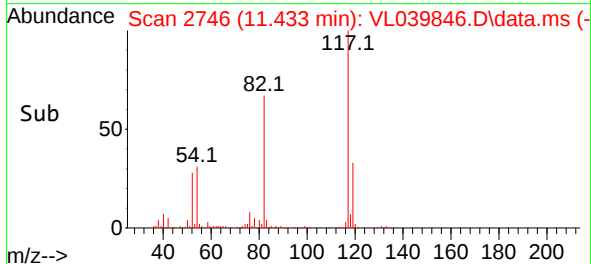
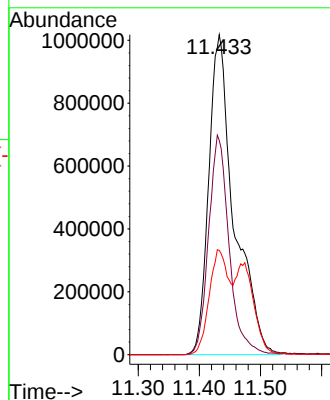
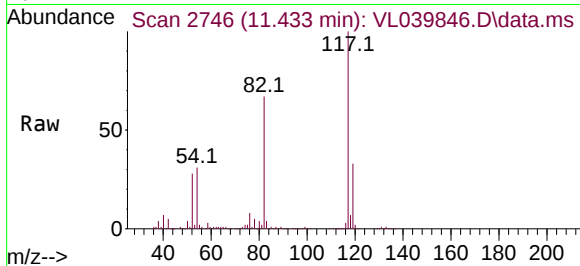




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

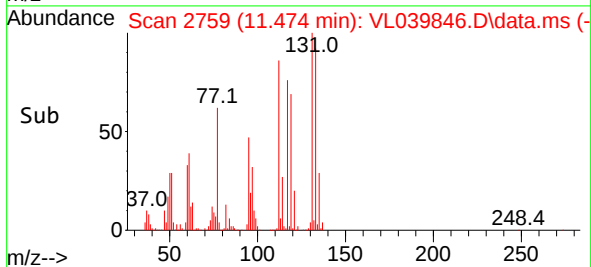
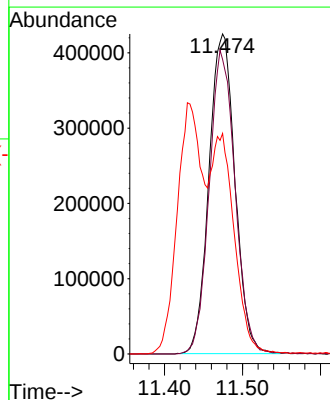
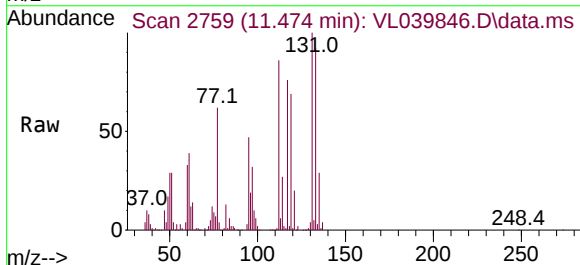
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

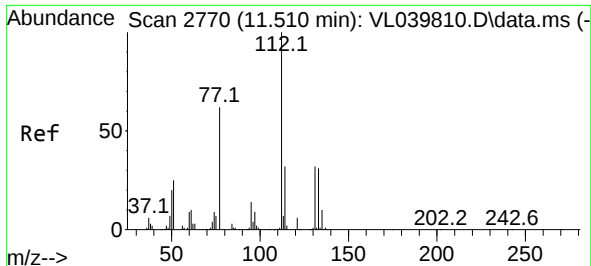
Tgt Ion:117 Resp: 2934342
Ion Ratio Lower Upper
117 100
82 55.5 51.0 76.6
119 26.0 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.848 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion:131 Resp: 984618
Ion Ratio Lower Upper
131 100
133 94.6 76.9 115.3
119 57.3 52.2 78.2

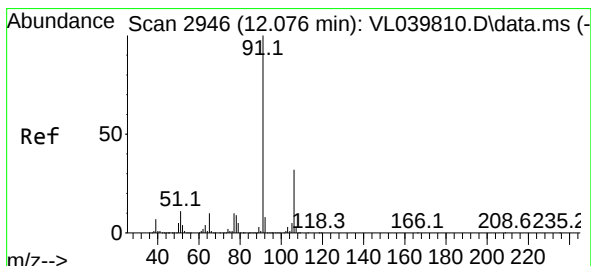
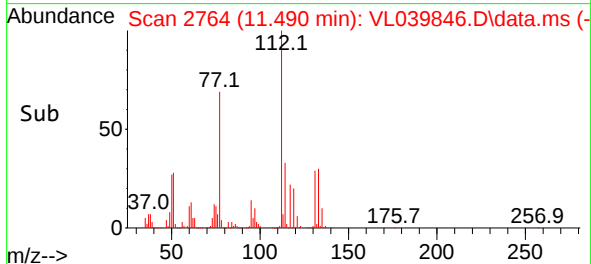
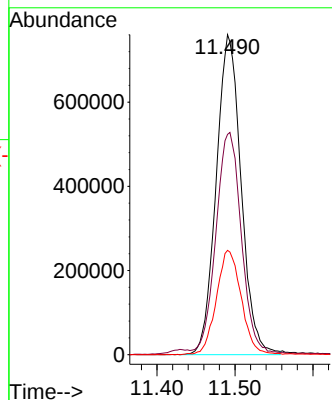
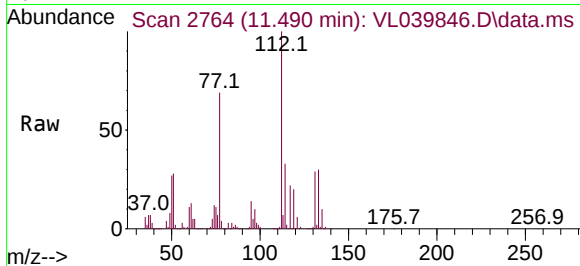




#57
Chlorobenzene
Concen: 7.589 ppbv
RT: 11.490 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

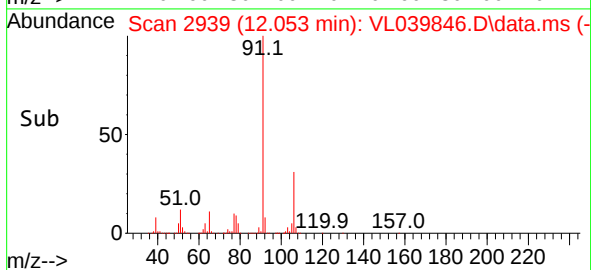
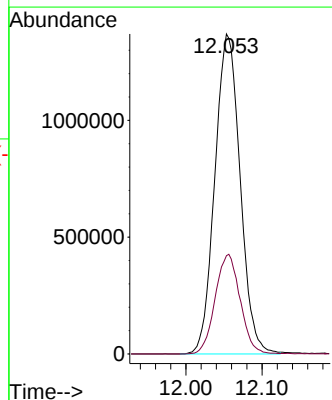
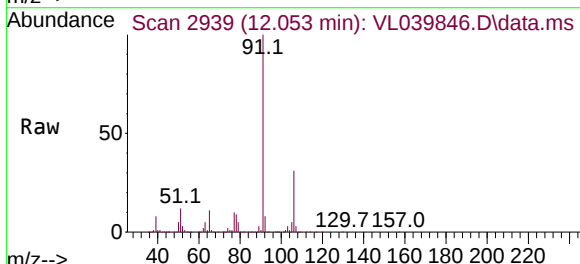
Instrument :
MSVOA_1
ClientSampleId :
VL1109ABS01

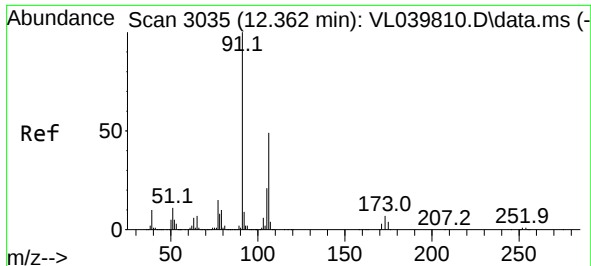
Tgt Ion:112 Resp: 1689073
Ion Ratio Lower Upper
112 100
77 68.2 49.8 74.6
114 32.6 29.0 35.4



#58
Ethyl Benzene
Concen: 7.969 ppbv
RT: 12.053 min Scan# 2939
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 91 Resp: 3161778
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9





#59

m/p-Xylene

Concen: 7.786 ppbv

RT: 12.336 min Scan# 3035

Delta R.T. -0.026 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

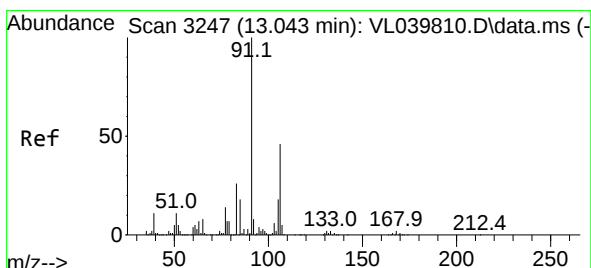
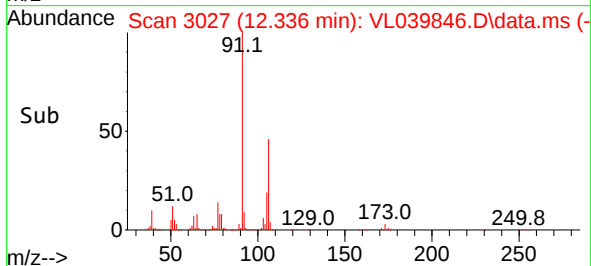
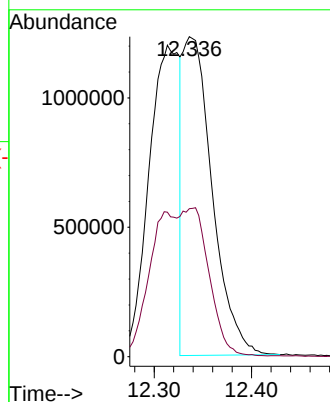
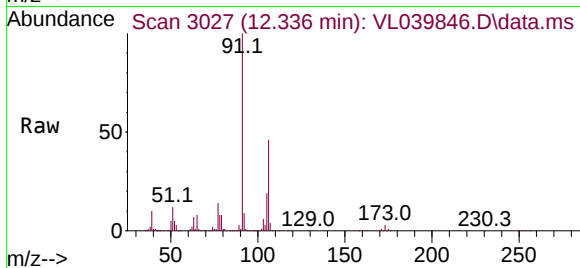
VL1109ABS01

Tgt Ion: 91 Resp: 2578771

Ion Ratio Lower Upper

91 100

106 89.9 37.6 56.4#



#60

o-Xylene

Concen: 7.866 ppbv

RT: 13.024 min Scan# 3241

Delta R.T. -0.019 min

Lab File: VL039846.D

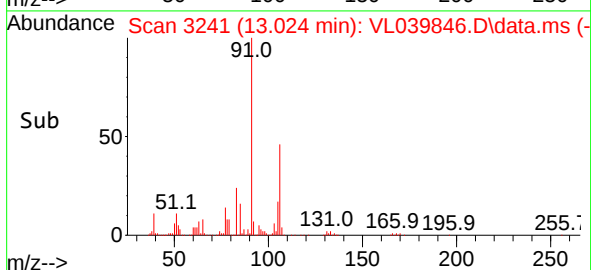
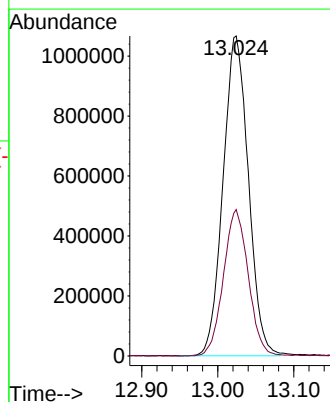
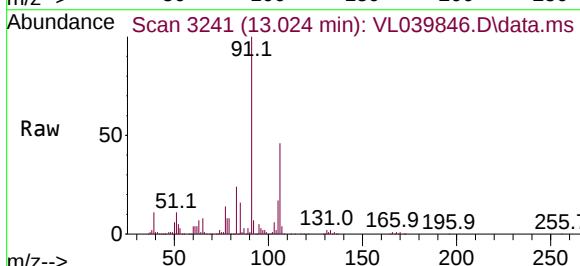
Acq: 9 Nov 2022 13:14

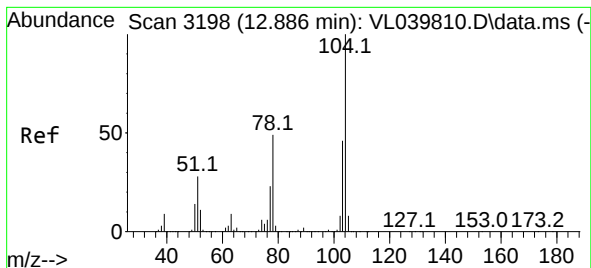
Tgt Ion: 91 Resp: 2468043

Ion Ratio Lower Upper

91 100

106 45.1 23.6 70.8





#61

Styrene

Concen: 7.765 ppbv

RT: 12.863 min Scan# 3198

Delta R.T. -0.023 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

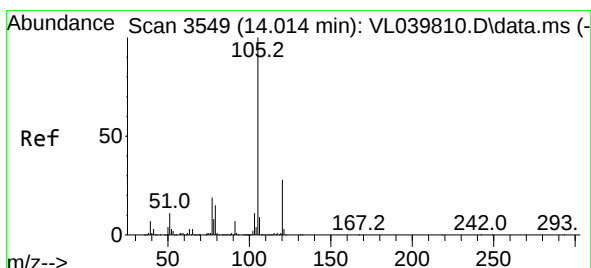
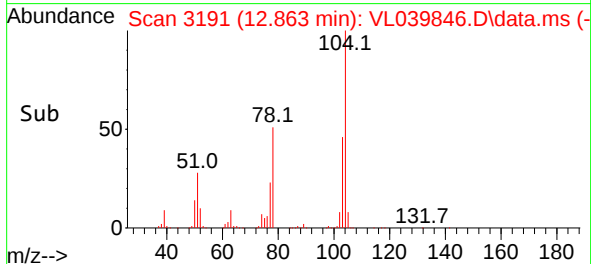
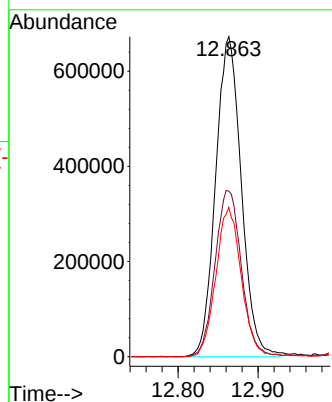
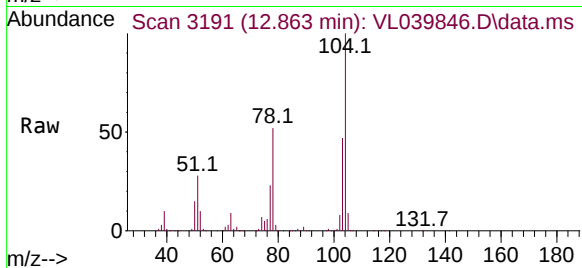
Tgt Ion:104 Resp: 1499232

Ion Ratio Lower Upper

104 100

78 53.7 40.2 60.2

103 46.6 37.5 56.3



#62

Isopropylbenzene

Concen: 7.584 ppbv

RT: 13.995 min Scan# 3543

Delta R.T. -0.019 min

Lab File: VL039846.D

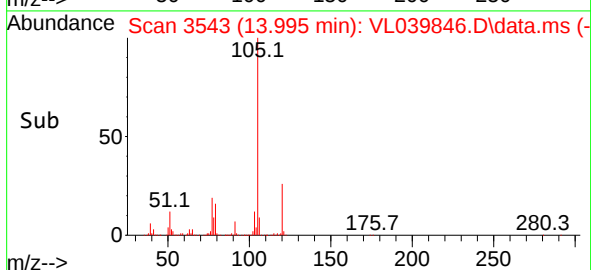
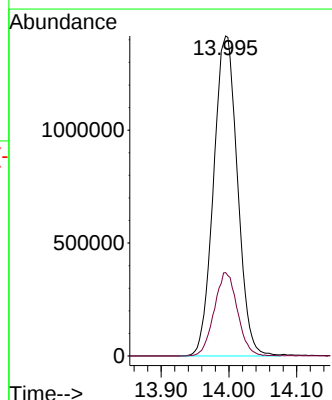
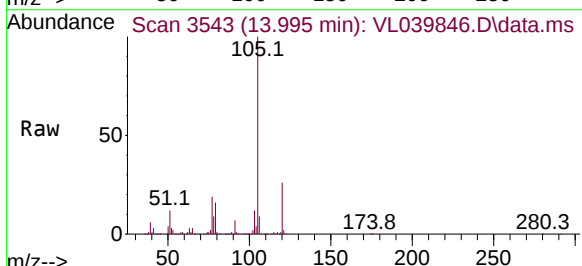
Acq: 9 Nov 2022 13:14

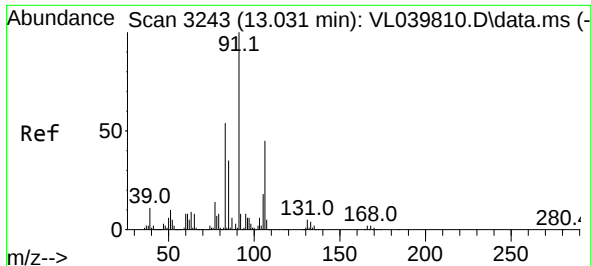
Tgt Ion:105 Resp: 3471135

Ion Ratio Lower Upper

105 100

120 25.4 21.7 32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 7.510 ppbv

RT: 13.008 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

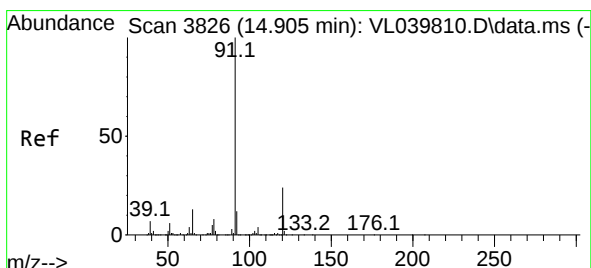
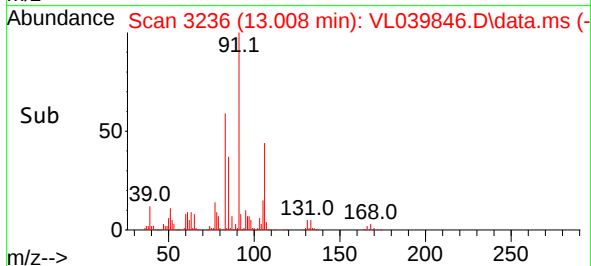
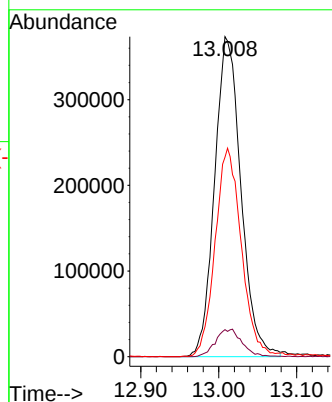
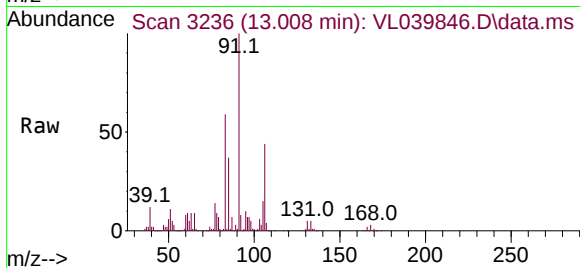
Tgt Ion: 83 Resp: 877491

Ion Ratio Lower Upper

83 100

131 8.7 4.6 13.8

85 65.2 33.3 99.9



#64

n-propylbenzene

Concen: 7.158 ppbv

RT: 14.883 min Scan# 3819

Delta R.T. -0.023 min

Lab File: VL039846.D

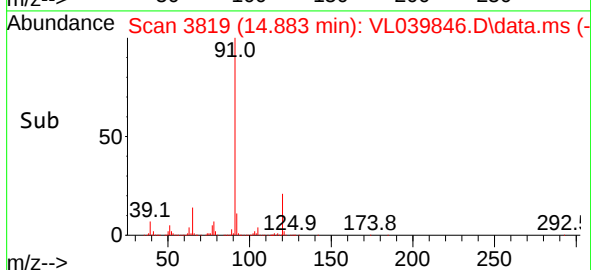
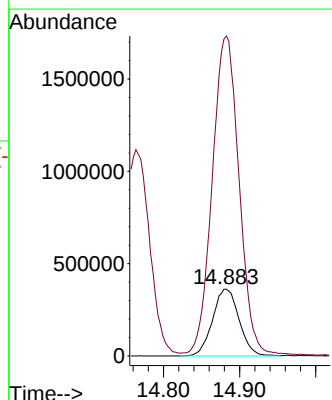
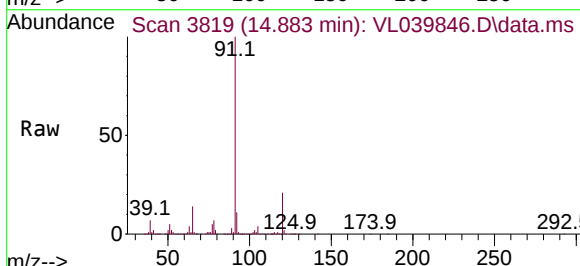
Acq: 9 Nov 2022 13:14

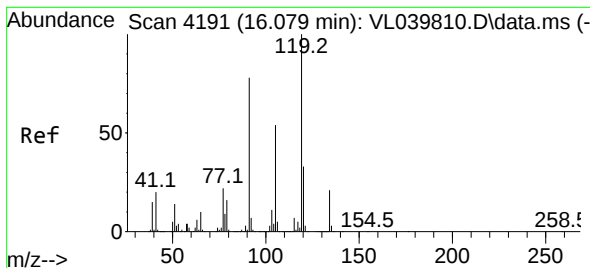
Tgt Ion:120 Resp: 876392

Ion Ratio Lower Upper

120 100

91 488.4 354.9 532.3





#65

tert-Butylbenzene

Concen: 7.033 ppbv

RT: 16.056 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

Instrument :

MSVOA_1

ClientSampleId :

VL1109ABS01

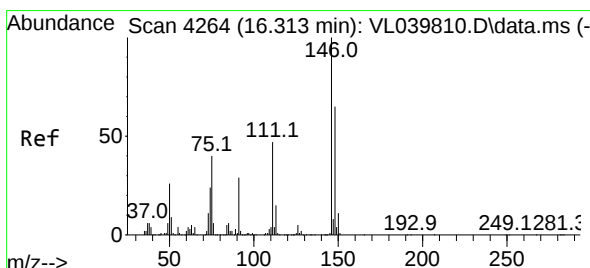
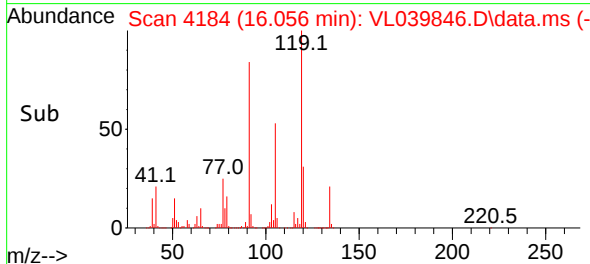
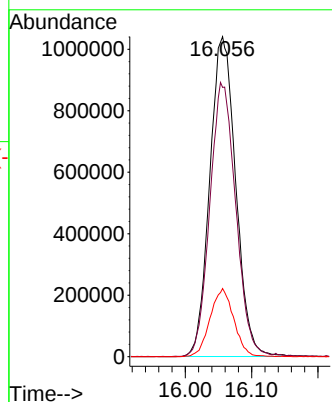
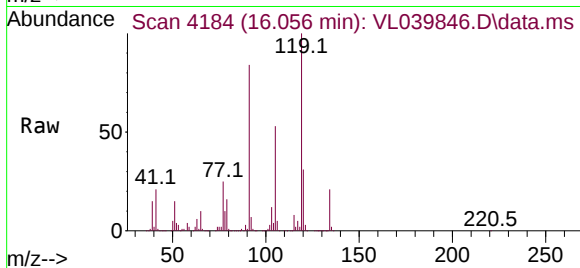
Tgt Ion:119 Resp: 2826519

Ion Ratio Lower Upper

119 100

91 85.9 63.7 95.5

134 19.6 16.2 24.4



#66

Benzyl Chloride

Concen: 4.353 ppbv

RT: 16.294 min Scan# 4258

Delta R.T. -0.019 min

Lab File: VL039846.D

Acq: 9 Nov 2022 13:14

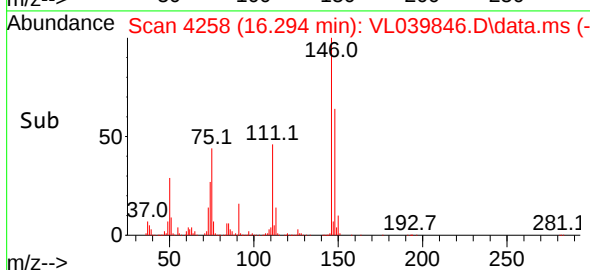
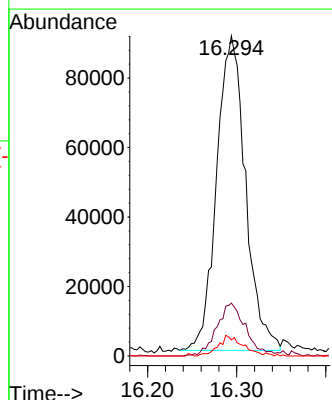
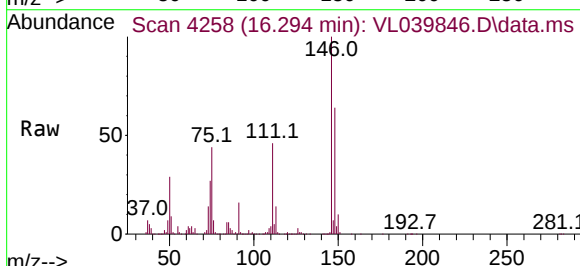
Tgt Ion: 91 Resp: 203406

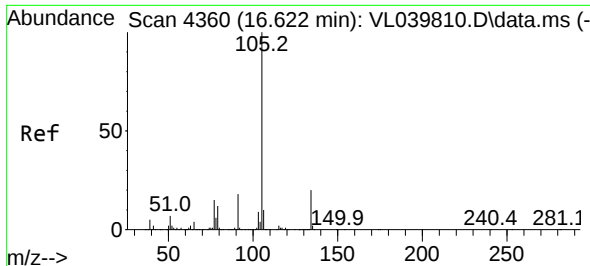
Ion Ratio Lower Upper

91 100

126 17.6 15.6 23.4

128 5.8 4.9 7.3

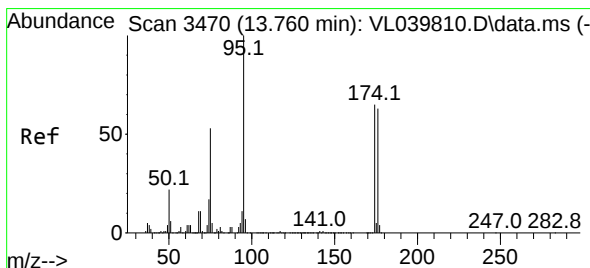
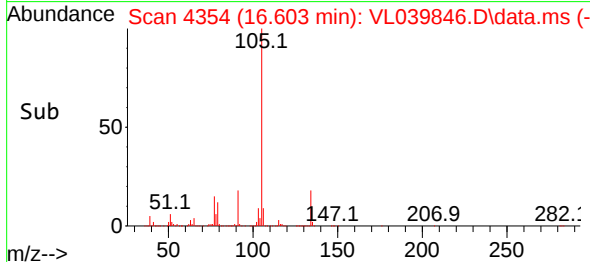
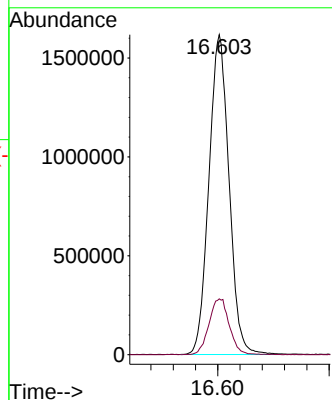
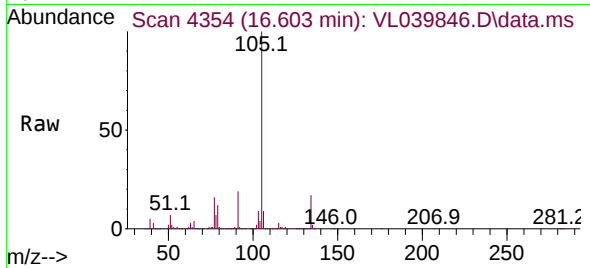




#67
 sec-Butylbenzene
 Concen: 7.414 ppbv
 RT: 16.603 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

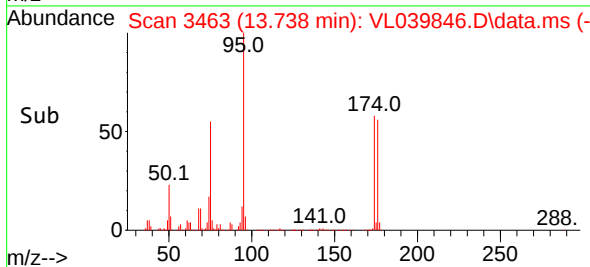
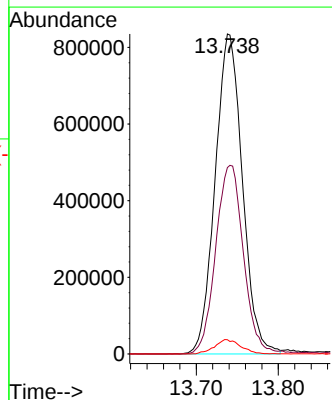
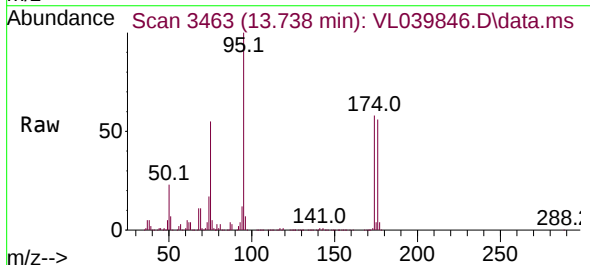
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

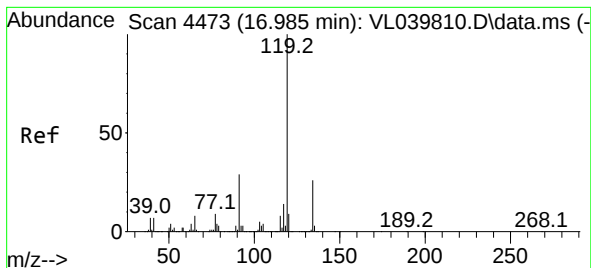
Tgt Ion:105 Resp: 4055731
 Ion Ratio Lower Upper
 105 100
 134 17.6 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.798 ppbv
 RT: 13.738 min Scan# 3463
 Delta R.T. -0.023 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

Tgt Ion: 95 Resp: 1932415
 Ion Ratio Lower Upper
 95 100
 174 60.5 53.4 80.0
 175 4.3 4.1 6.1

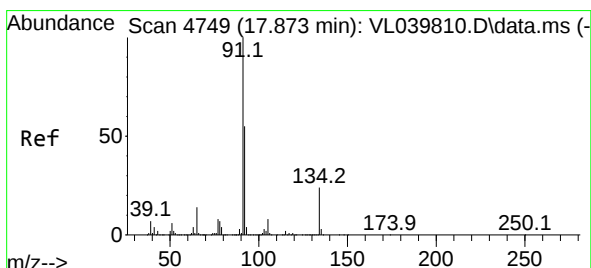
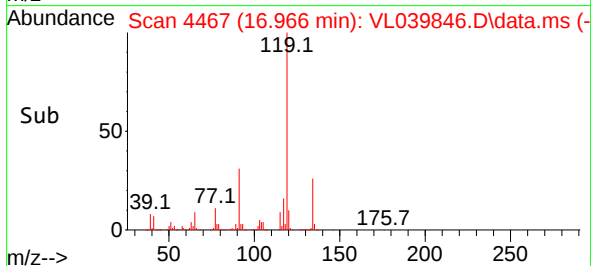
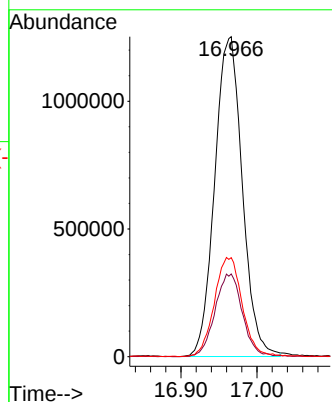
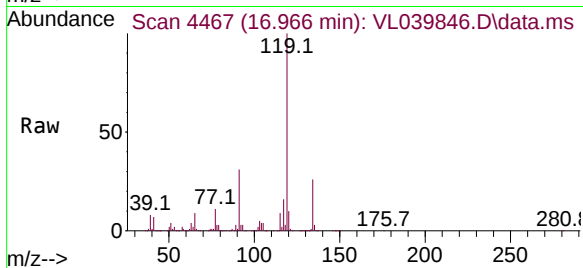




#69
p-Isopropyltoluene
Concen: 6.956 ppbv
RT: 16.966 min Scan# 4473
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

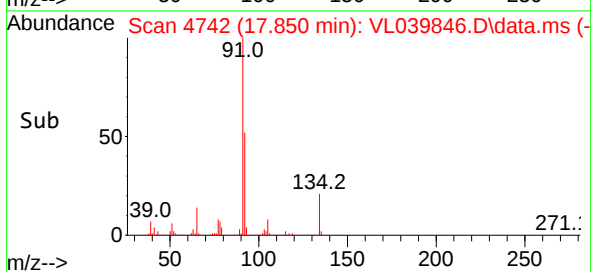
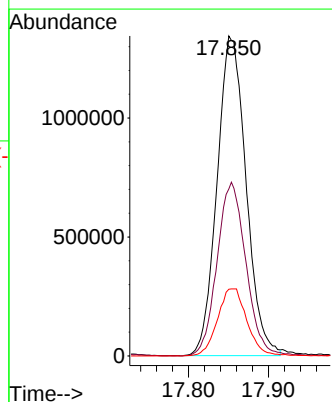
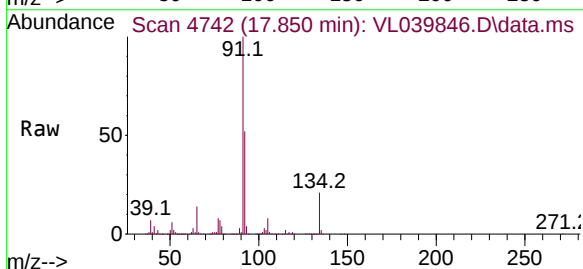
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

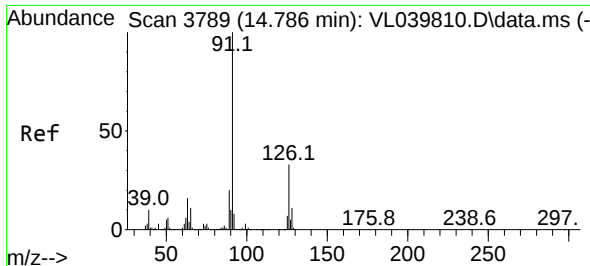
Tgt Ion:119 Resp: 3156585
Ion Ratio Lower Upper
119 100
134 25.8 21.0 31.6
91 31.3 22.8 34.2



#70
n-Butylbenzene
Concen: 7.713 ppbv
RT: 17.850 min Scan# 4742
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 91 Resp: 3383765
Ion Ratio Lower Upper
91 100
92 54.1 44.1 66.1
134 21.5 19.0 28.6

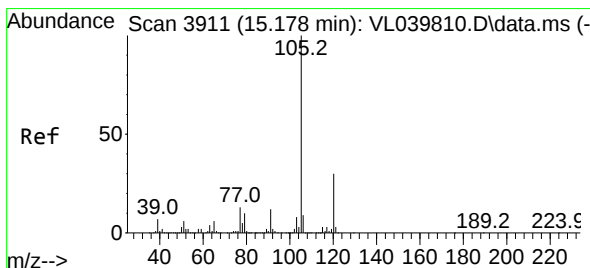
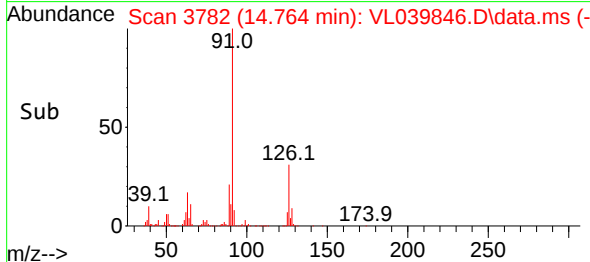
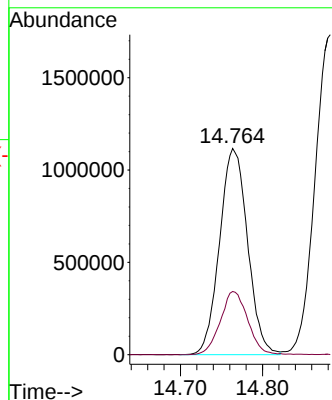
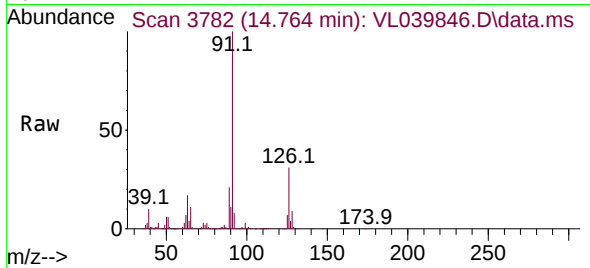




#71
2-Chlorotoluene
Concen: 7.714 ppbv
RT: 14.764 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

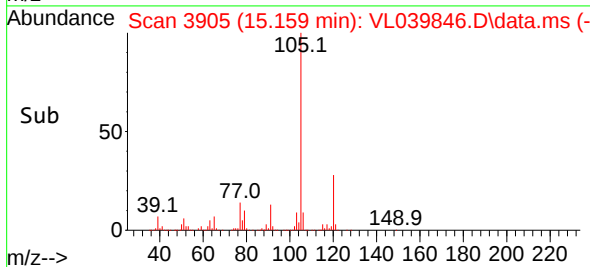
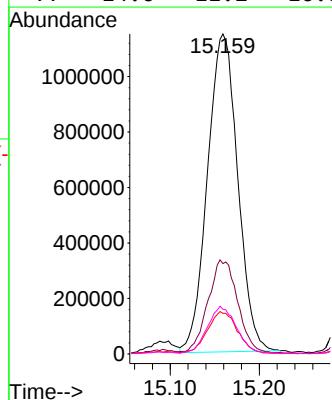
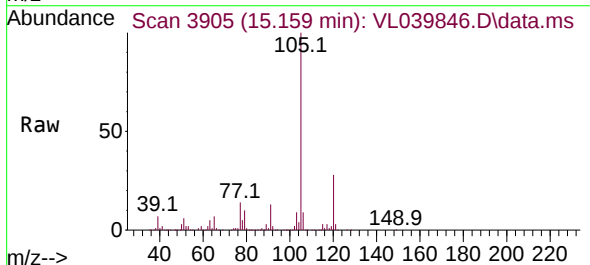
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

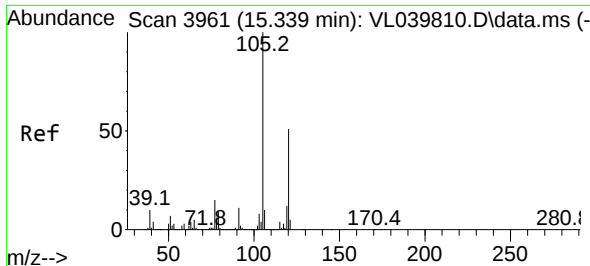
Tgt Ion: 91 Resp: 2652964
Ion Ratio Lower Upper
91 100
126 30.2 12.9 51.5



#72
4-Ethyltoluene
Concen: 7.672 ppbv
RT: 15.159 min Scan# 3905
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion: 105 Resp: 2710758
Ion Ratio Lower Upper
105 100
120 29.2 26.0 39.0
91 13.2 10.5 15.7
77 14.6 11.2 16.8

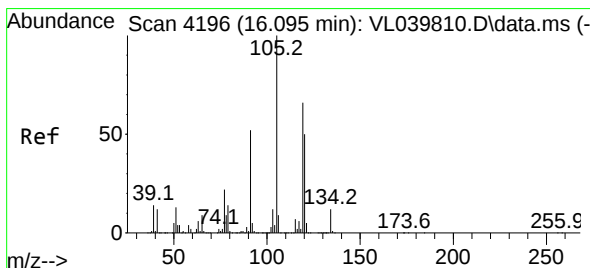
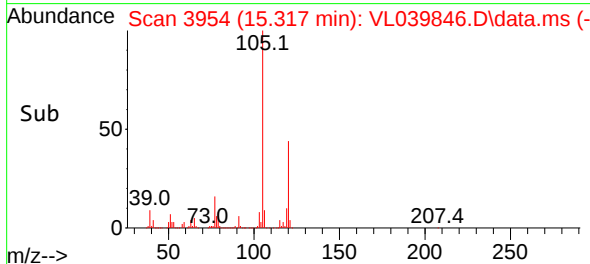
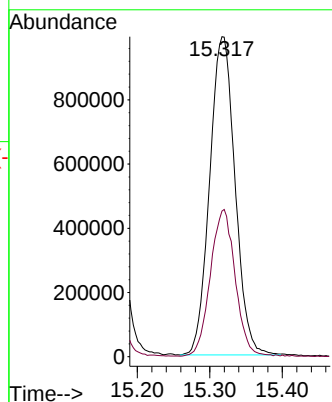
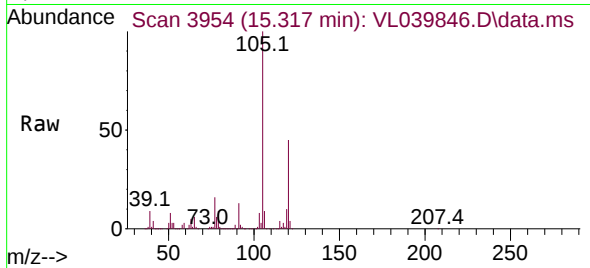




#73
1,3,5-Trimethylbenzene
Concen: 7.700 ppbv
RT: 15.317 min Scan# 3961
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

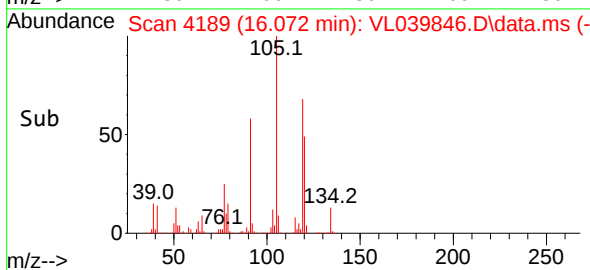
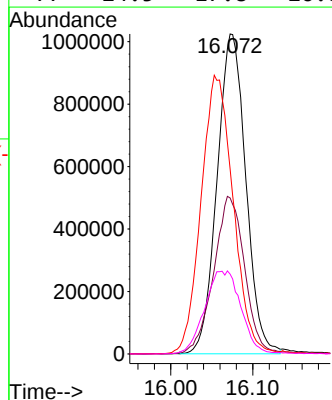
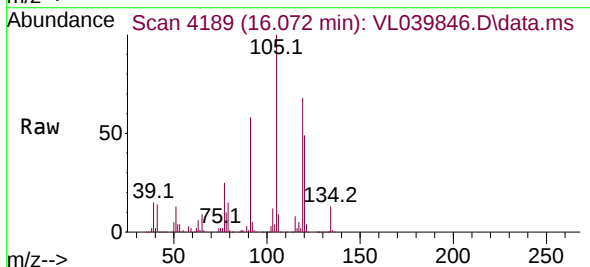
Instrument :
MSVOA_1
ClientSampleId :
VL1109ABS01

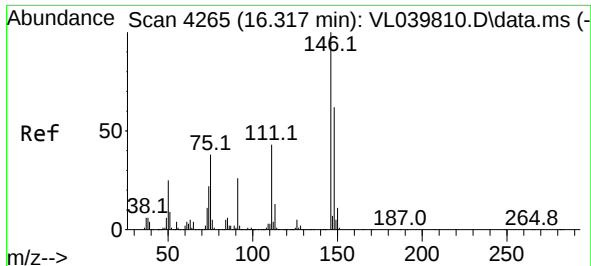
Tgt Ion:105 Resp: 2411652
Ion Ratio Lower Upper
105 100
120 45.6 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 7.477 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion:105 Resp: 2488176
Ion Ratio Lower Upper
105 100
120 48.2 40.2 60.4
91 57.2 42.6 64.0
77 24.5 17.8 26.8

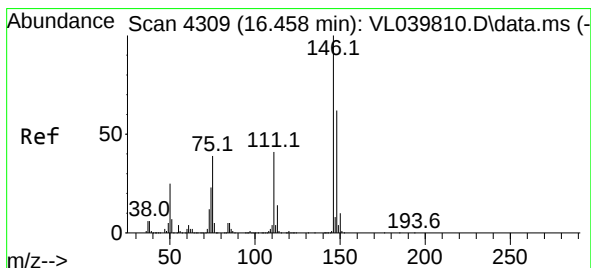
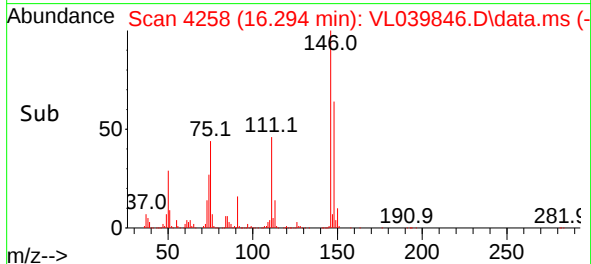
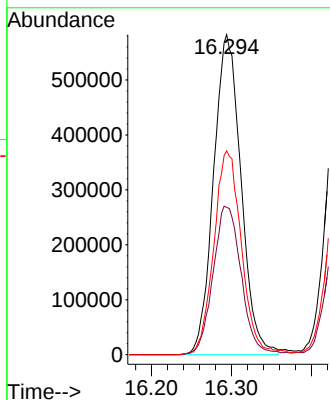
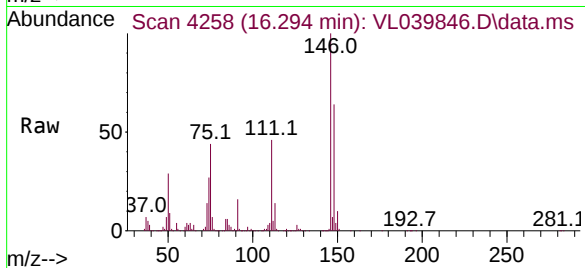




#75
1,3-Dichlorobenzene
Concen: 7.138 ppbv
RT: 16.294 min Scan# 41
Delta R.T. -0.023 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

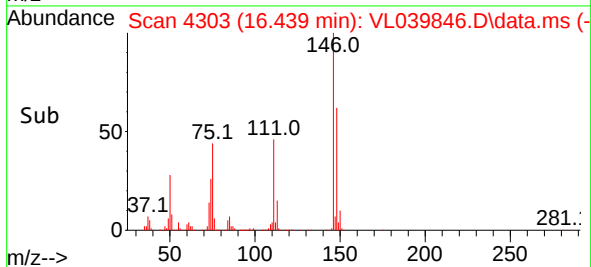
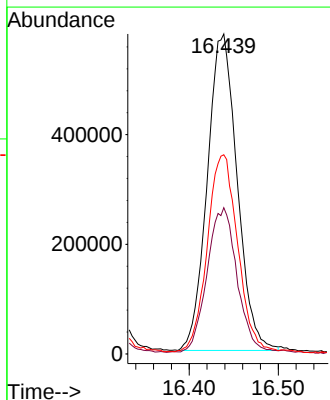
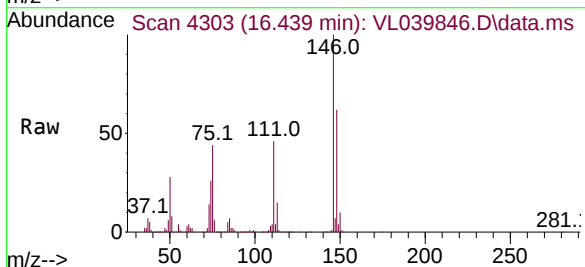
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

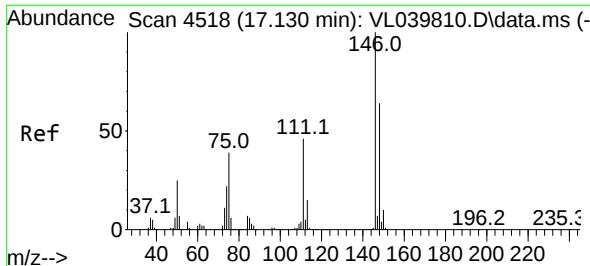
Tgt Ion:146 Resp: 1387014
Ion Ratio Lower Upper
146 100
111 47.7 22.9 68.8
148 64.2 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 7.054 ppbv
RT: 16.439 min Scan# 4303
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion:146 Resp: 1344991
Ion Ratio Lower Upper
146 100
111 47.8 22.7 68.1
148 64.7 33.1 99.3

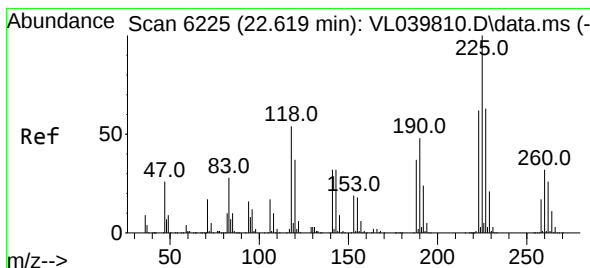
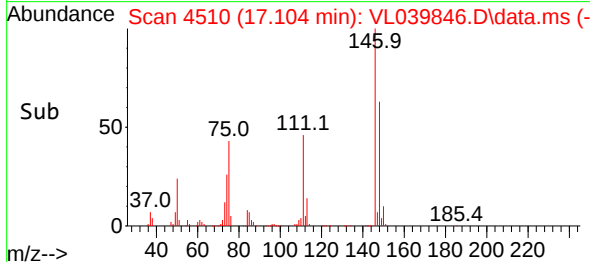
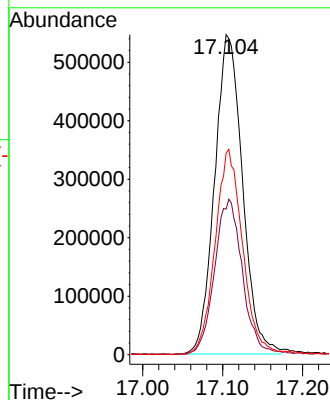
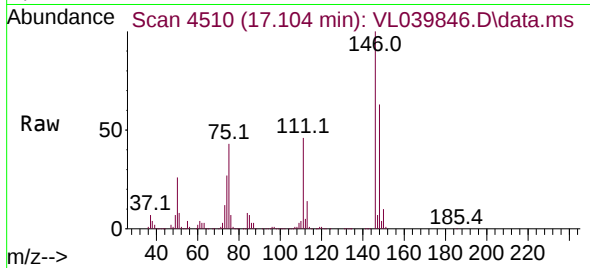




#77
1,2-Dichlorobenzene
Concen: 7.209 ppbv
RT: 17.104 min Scan# 411
Delta R.T. -0.026 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

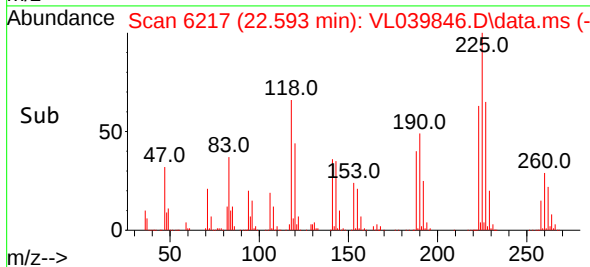
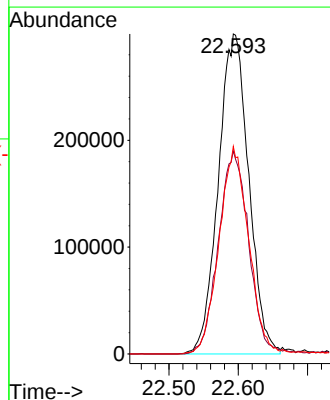
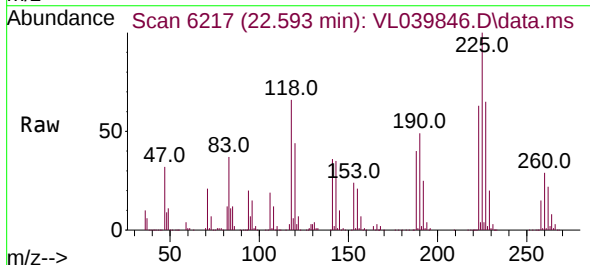
Instrument :
MSVOA_1
ClientSampleId :
VL1109ABS01

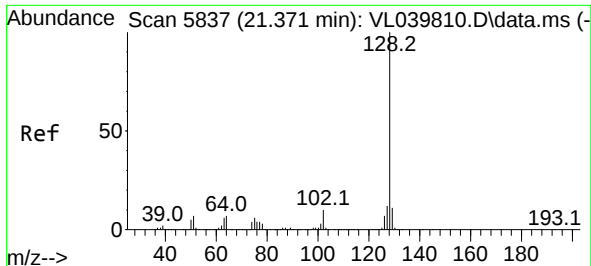
Tgt Ion:146 Resp: 1320385
Ion Ratio Lower Upper
146 100
111 48.9 23.9 71.8
148 64.2 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 6.733 ppbv
RT: 22.593 min Scan# 6217
Delta R.T. -0.026 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

Tgt Ion:225 Resp: 913735
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 63.5 51.6 77.4

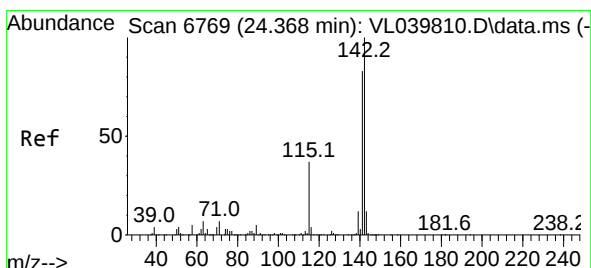
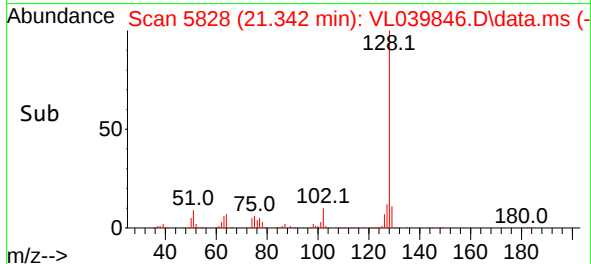
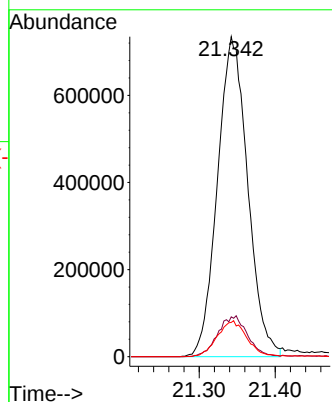
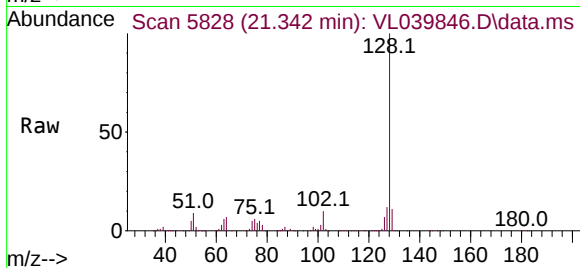




#79
Naphthalene
Concen: 8.374 ppbv
RT: 21.342 min Scan# 5828
Delta R.T. -0.029 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

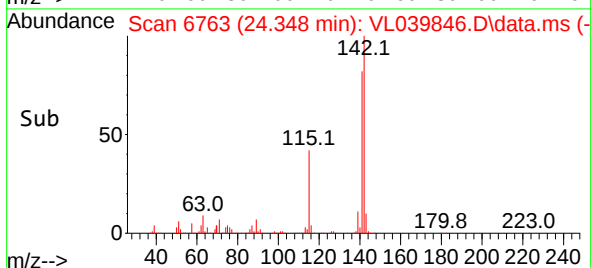
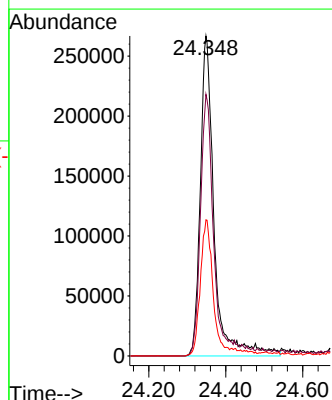
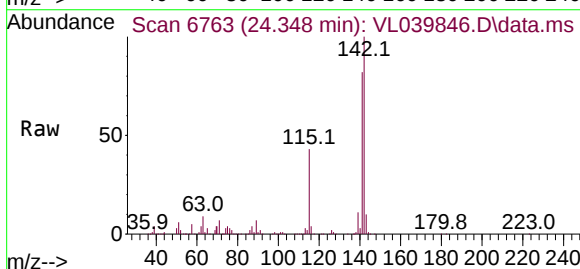
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

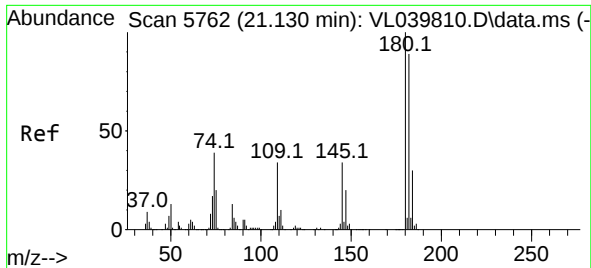
Tgt Ion:128 Resp: 2025903
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.6
129 10.7 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 6.485 ppbv
RT: 24.348 min Scan# 6763
Delta R.T. -0.019 min
Lab File: VL039846.D
Acq: 9 Nov 2022 13:14

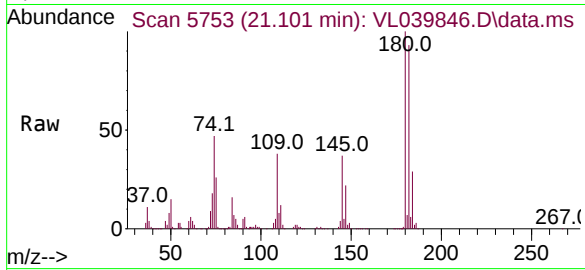
Tgt Ion:142 Resp: 665210
Ion Ratio Lower Upper
142 100
141 79.4 65.1 97.7
115 41.6 29.1 43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 7.865 ppbv
 RT: 21.101 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VL039846.D
 Acq: 9 Nov 2022 13:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01



Tgt Ion:180 Resp: 1064350

Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.1	117.1
184	30.7	24.5	36.7

