

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039821.D
 Acq On : 3 Nov 2022 11:47
 Operator : SY/AP
 Sample : VL1103ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01

Quant Time: Nov 04 08:43:03 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	5.185	49	1057826	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2925647	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	3411687	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2115679	8.285	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	1621520	9.080	ppbv	99
3) Chlorodifluoromethane	2.687	51	1126557	8.933	ppbv	99
4) Chloromethane	2.822	50	702790	8.950	ppbv	99
5) Vinyl Chloride	2.928	62	595489	9.367	ppbv	98
6) Bromomethane	3.131	94	203064	8.955	ppbv	98
7) Chloroethane	3.205	64	204677	8.592	ppbv	98
8) Dichlorotetrafluoroethane	2.867	85	1342228	8.819	ppbv	100
9) Propene	2.706	41	566043	8.615	ppbv	100
10) Heptane	7.561	43	1400193	8.895	ppbv	100
11) Trichlorofluoromethane	3.568	101	1332057	9.145	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	963248	9.157	ppbv	99
13) Ethanol	3.247	45	10773	2.320	ppbv #	34
14) Bromoethene	3.372	108	417818	8.870	ppbv	98
15) Acetone	3.475	43	961706	7.469	ppbv	98
16) 1,3-Butadiene	2.993	39	557827	9.316	ppbv	95
17) tert-Butyl alcohol	3.880	59	1053094	8.588	ppbv	99
18) 1,1-Dichloroethene	3.883	96	451600	9.363	ppbv	99
19) Isopropyl Alcohol	3.581	45	537916	8.441	ppbv #	31
20) Methylene Chloride	3.938	84	375347	8.148	ppbv	93
21) Allyl Chloride	3.999	41	735352	9.029	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	468007	9.560	ppbv	93
23) Vinyl Acetate	4.623	43	432483	8.431	ppbv	99
24) 1,1-Dichloroethane	4.562	63	944596	9.015	ppbv	99
25) Ethyl Acetate	5.201	43	2362732	8.909	ppbv	100
26) Hexane	5.208	57	1021576	8.639	ppbv	99
27) Carbon Disulfide	4.124	76	1186240	9.553	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	928586	8.676	ppbv	100
29) Chloroform	5.269	83	1561237	9.389	ppbv	100
30) Cyclohexane	6.590	84	893226	9.033	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1001086	9.284	ppbv	94
32) 1,1,1-Trichloroethane	5.996	97	1587307	9.589	ppbv	99
34) 2-Butanone	4.783	43	1079286	8.942	ppbv	100
35) Carbon Tetrachloride	6.481	117	1636069	9.594	ppbv	97
36) Benzene	6.359	78	2247688	9.108	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1135395	9.589	ppbv	99
38) Trichloroethene	7.275	130	1196334	9.056	ppbv	98
39) 1,2-Dichloropropane	7.057	63	856718	8.910	ppbv	97
40) 1,4-Dioxane	7.272	88	346049	9.398	ppbv	98
41) Tetrahydrofuran	5.549	42	912183	9.043	ppbv	99
42) Bromodichloromethane	7.234	83	1742973	9.216	ppbv	100
43) Methyl Methacrylate	7.462	69	909827	9.328	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3678116	8.830	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	904700	9.683	ppbv	100

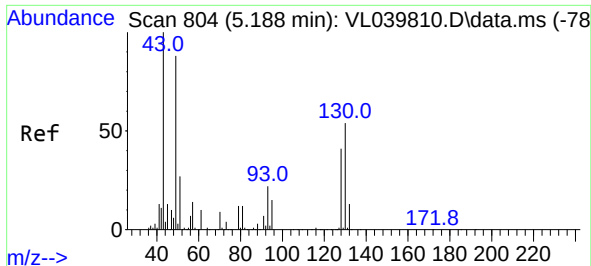
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039821.D
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1205722	9.455	ppbv	99
47) 1,1,2-Trichloroethane	8.880	97	893469	9.176	ppbv	98
48) Dibromochloromethane	9.687	129	1521212	9.169	ppbv	99
49) Bromoform	12.384	173	1159389	8.694	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2288076	9.260	ppbv	100
51) 2-Hexanone	9.536	43	1801514	9.350	ppbv	98
52) Tetrachloroethene	10.597	164	764784	8.271	ppbv	94
53) Toluene	9.204	91	2550218	9.008	ppbv	99
54) 1,2-Dibromoethane	9.986	107	1039159	9.617	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.484	131	1052069	7.213	ppbv	98
57) Chlorobenzene	11.507	112	1879268	7.262	ppbv	99
58) Ethyl Benzene	12.066	91	3326552	7.211	ppbv	99
59) m/p-Xylene	12.352	91	3005094	7.804	ppbv #	45
60) o-Xylene	13.040	91	2575370	7.059	ppbv	99
61) Styrene	12.880	104	1635385	7.285	ppbv	100
62) Isopropylbenzene	14.011	105	3676461	6.908	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.027	83	887723	6.534	ppbv	100
64) n-propylbenzene	14.899	120	966128	6.787	ppbv	94
65) tert-Butylbenzene	16.069	119	3077312	6.586	ppbv	100
66) Benzyl Chloride	16.307	91	324866	5.980	ppbv	99
67) sec-Butylbenzene	16.616	105	4281335	6.731	ppbv	99
69) p-Isopropyltoluene	16.976	119	3495850	6.626	ppbv	99
70) n-Butylbenzene	17.867	91	3497765	6.858	ppbv	99
71) 2-Chlorotoluene	14.780	91	2733188	6.835	ppbv	100
72) 4-Ethyltoluene	15.175	105	2905710	7.073	ppbv	98
73) 1,3,5-Trimethylbenzene	15.330	105	2547780	6.996	ppbv	97
74) 1,2,4-Trimethylbenzene	16.092	105	2643789	6.833	ppbv #	92
75) 1,3-Dichlorobenzene	16.307	146	1519213	6.725	ppbv	99
76) 1,4-Dichlorobenzene	16.452	146	1478162	6.668	ppbv	98
77) 1,2-Dichlorobenzene	17.121	146	1421753	6.676	ppbv	99
78) Hexachloro-1,3-Butadiene	22.609	225	997839	6.324	ppbv	98
79) Naphthalene	21.362	128	2232685	7.937	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	785125	6.583	ppbv	98
81) 1,2,4-Trichlorobenzene	21.120	180	1151169	7.316	ppbv	100

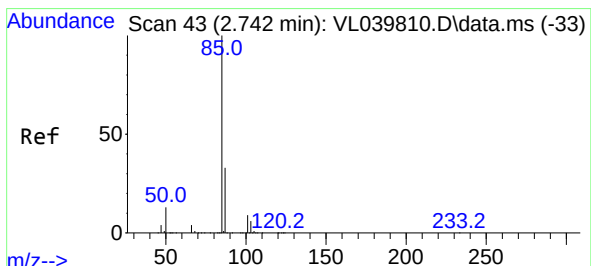
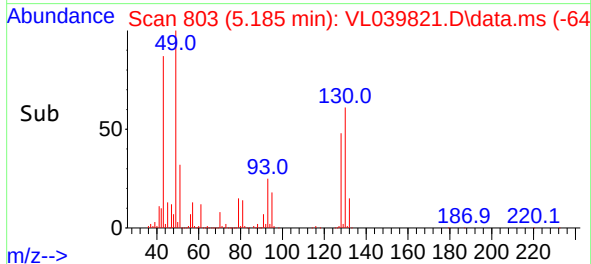
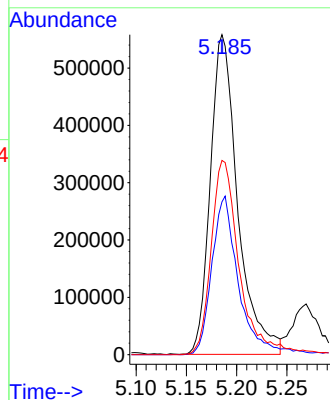
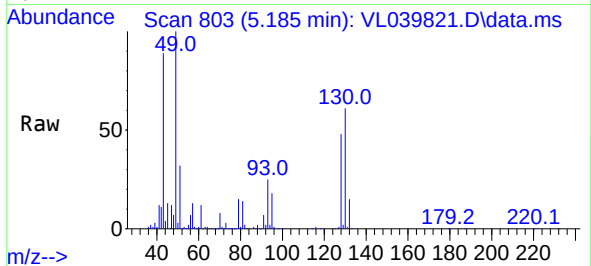
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

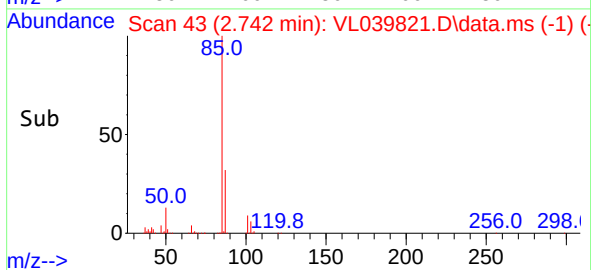
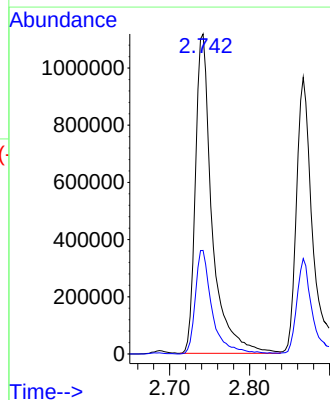
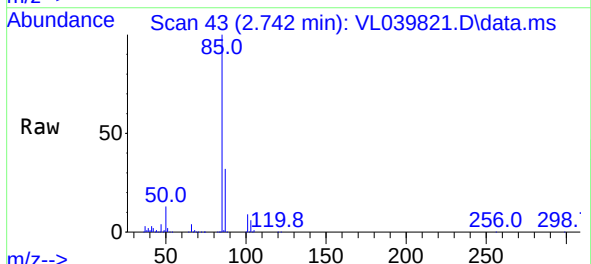
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

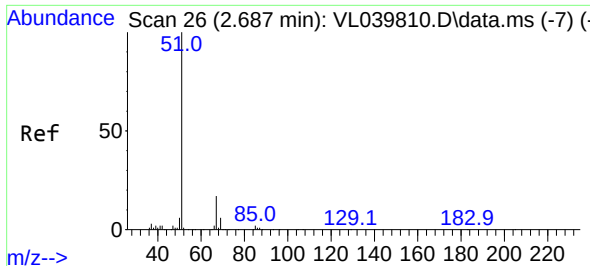
Tgt Ion: 49 Resp: 1057826
Ion Ratio Lower Upper
49 100
128 49.5 24.6 73.6
130 64.0 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 9.080 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 85 Resp: 1621520
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6

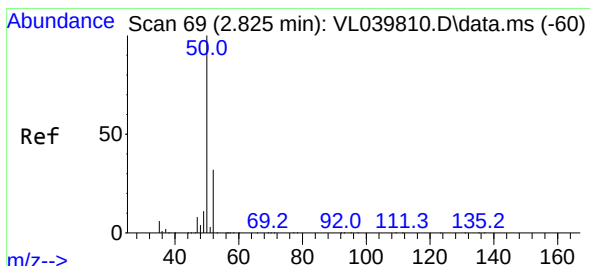
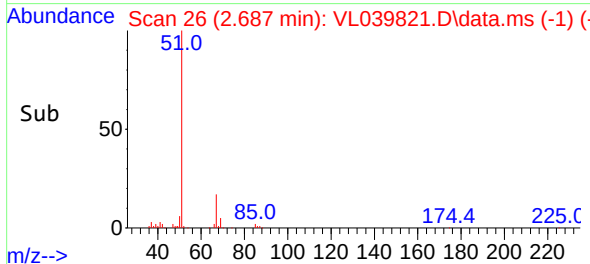
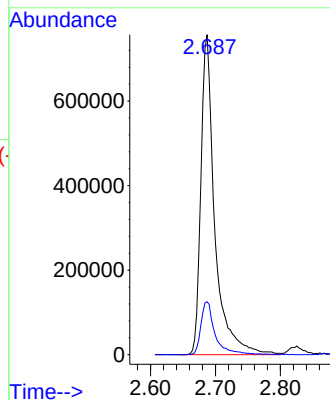
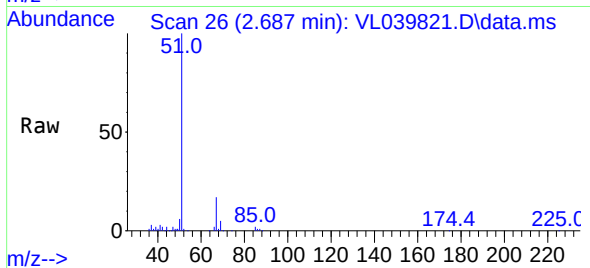




#3
Chlorodifluoromethane
Concen: 8.933 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

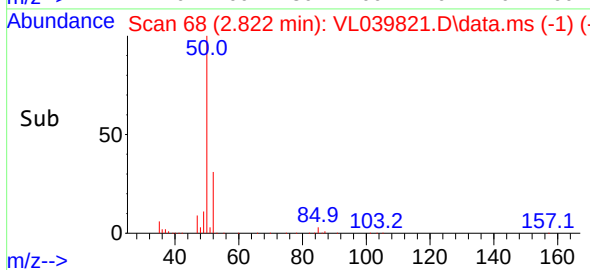
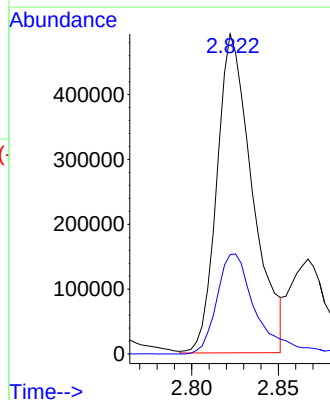
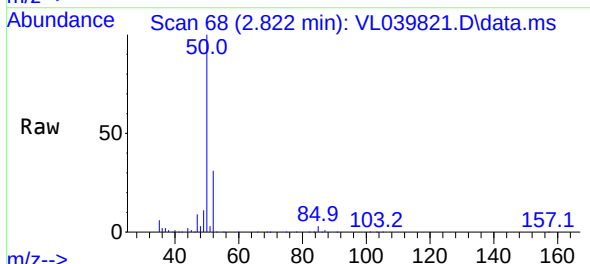
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

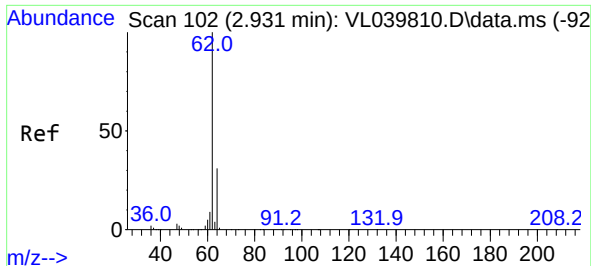
Tgt Ion: 51 Resp: 1126557
Ion Ratio Lower Upper
51 100
67 17.1 13.2 19.8



#4
Chloromethane
Concen: 8.950 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 50 Resp: 702790
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3

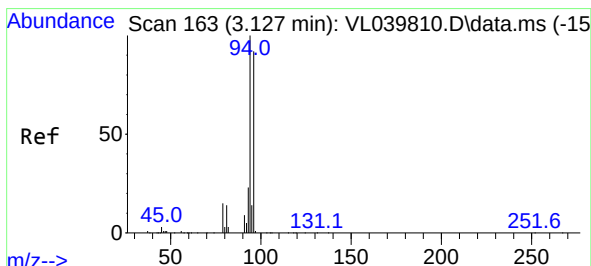
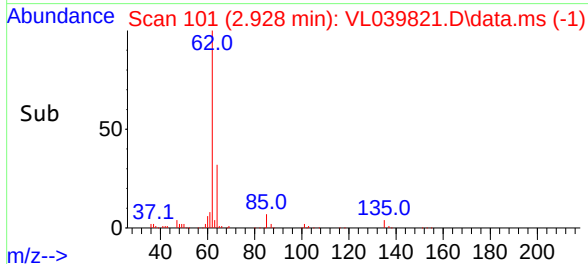
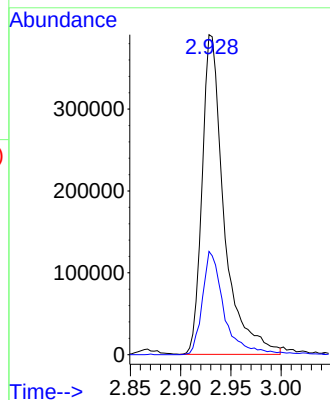
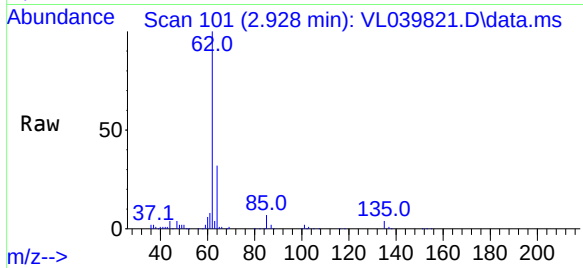




#5
 Vinyl Chloride
 Concen: 9.367 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.003 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

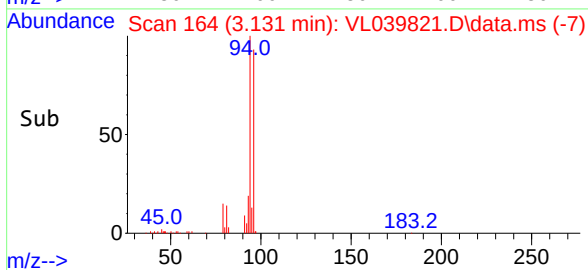
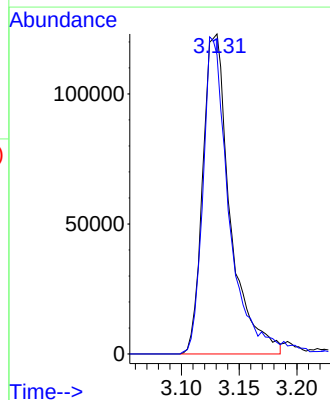
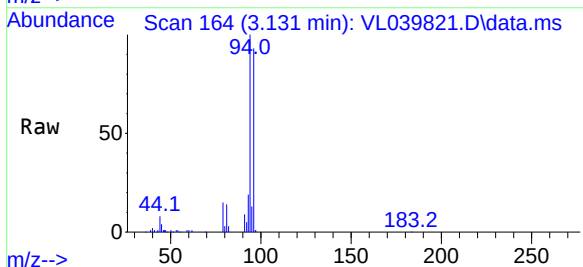
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01

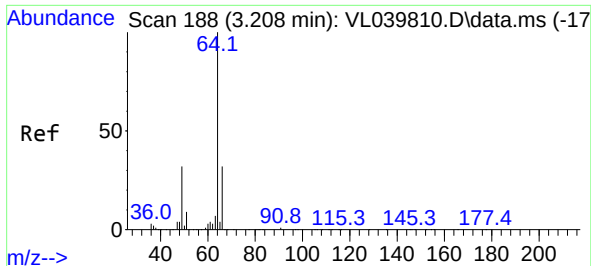
Tgt Ion: 62 Resp: 595489
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.0 37.4



#6
 Bromomethane
 Concen: 8.955 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

Tgt Ion: 94 Resp: 203064
 Ion Ratio Lower Upper
 94 100
 96 93.5 73.5 110.3

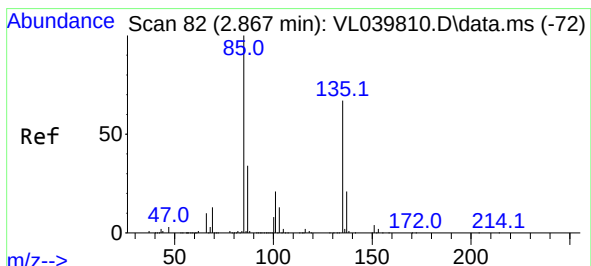
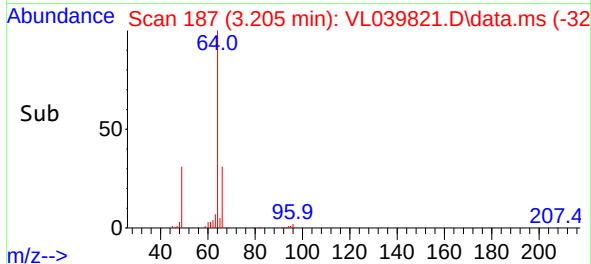
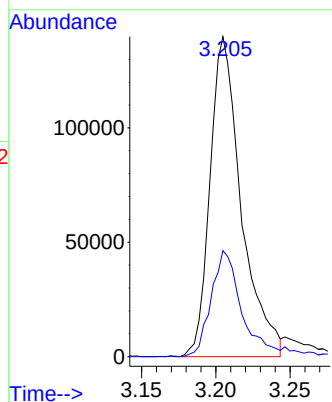
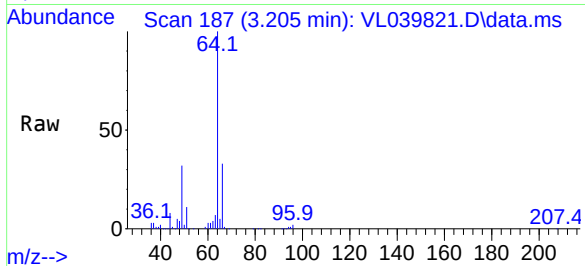




#7
Chloroethane
Concen: 8.592 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

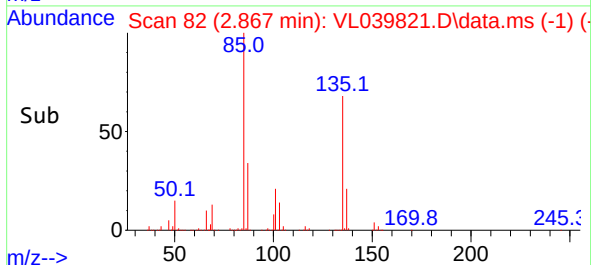
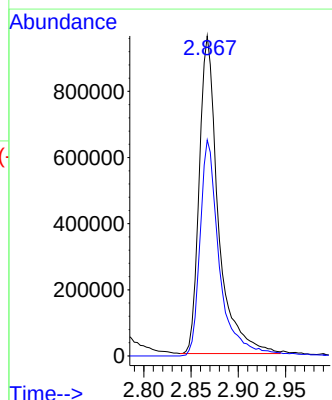
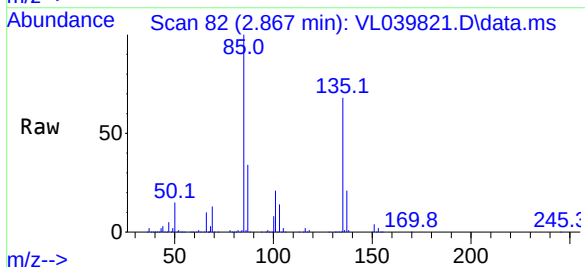
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

Tgt Ion: 64 Resp: 204677
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

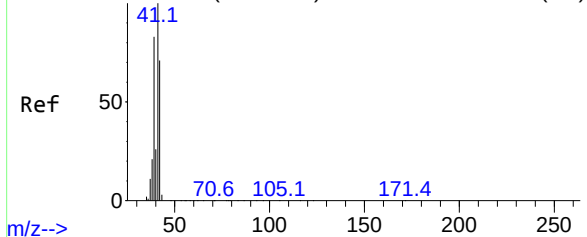


#8
Dichlorotetrafluoroethane
Concen: 8.819 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 85 Resp: 1342228
Ion Ratio Lower Upper
85 100
135 70.6 56.7 85.1

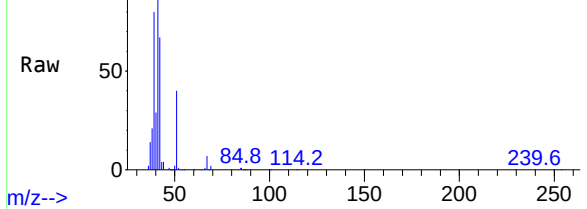


Abundance Scan 32 (2.706 min): VL039810.D\data.ms (-24)



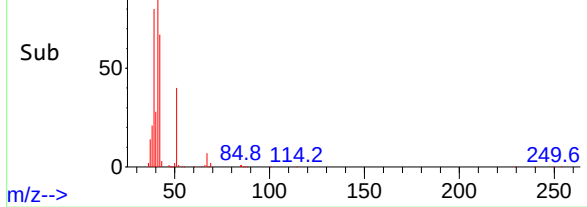
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Abundance Scan 32 (2.706 min): VL039821.D\data.ms



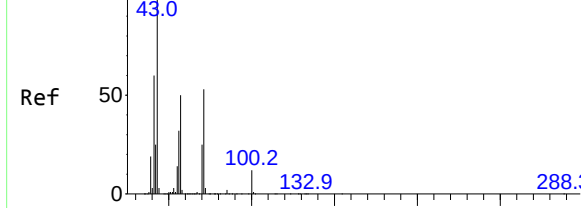
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Abundance Scan 32 (2.706 min): VL039821.D\data.ms (-1)



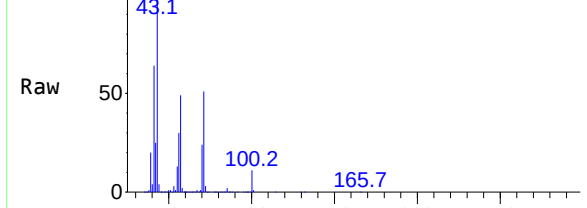
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Abundance Scan 1544 (7.568 min): VL039810.D\data.ms (-1)



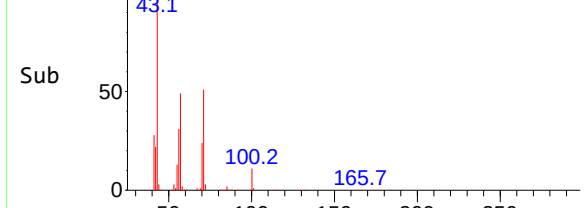
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Abundance Scan 1542 (7.561 min): VL039821.D\data.ms



m/z-->

Abundance Scan 1542 (7.561 min): VL039821.D\data.ms (-1)



m/z-->

#9

Propene

Concen: 8.615 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_1

ClientSampleId :

VL1103ABS01

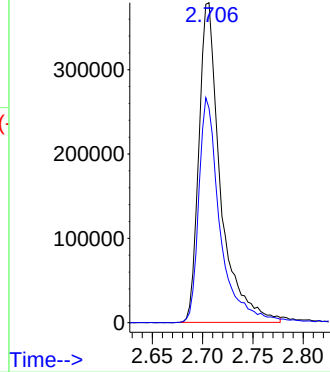
Tgt Ion: 41 Resp: 566043

Ion Ratio Lower Upper

41 100

42 70.5 56.3 84.5

Abundance



Time-->

#10

Heptane

Concen: 8.895 ppbv

RT: 7.561 min Scan# 1542

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

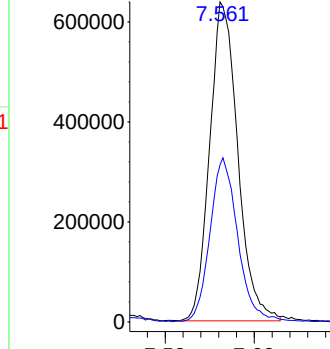
Tgt Ion: 43 Resp: 1400193

Ion Ratio Lower Upper

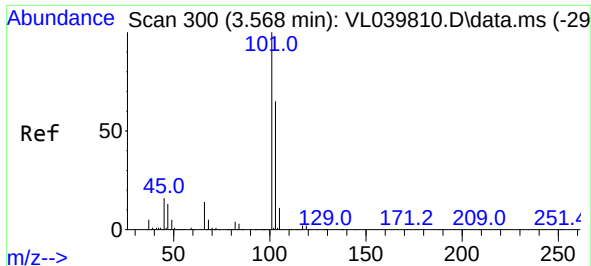
43 100

57 50.7 40.5 60.7

Abundance



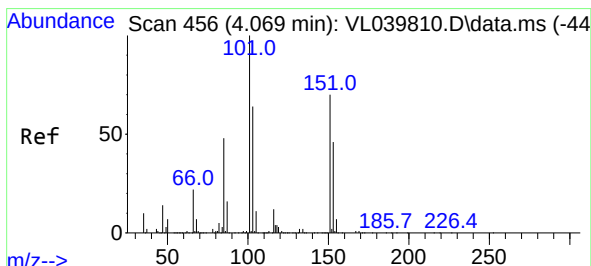
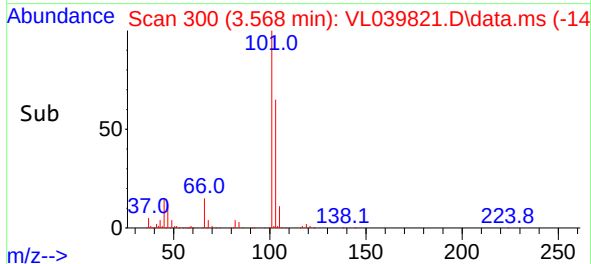
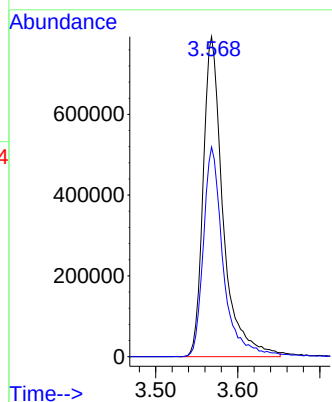
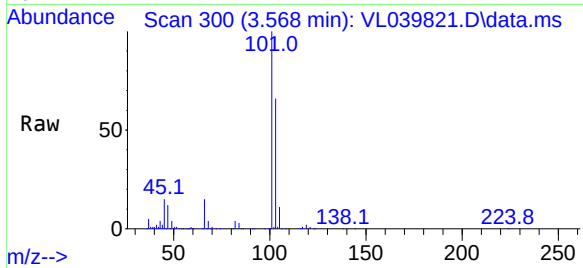
Time-->



#11
Trichlorofluoromethane
Concen: 9.145 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

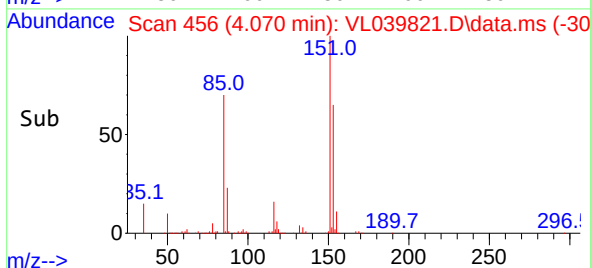
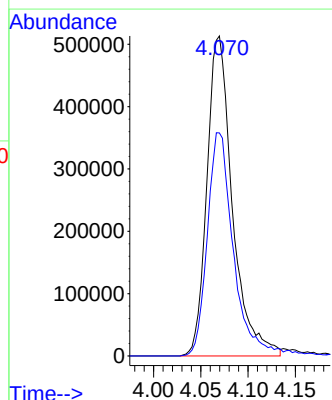
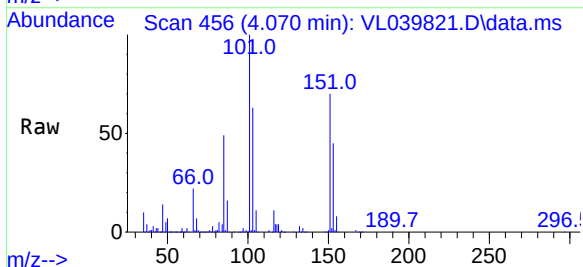
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

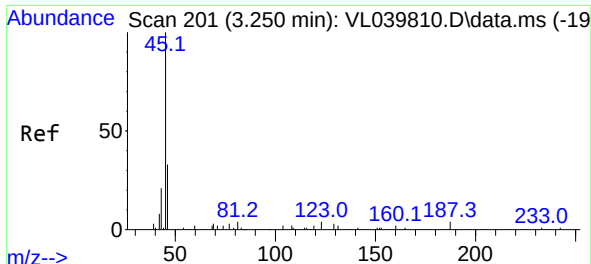
Tgt Ion:101 Resp: 1332057
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.157 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:101 Resp: 963248
Ion Ratio Lower Upper
101 100
151 72.5 57.2 85.8

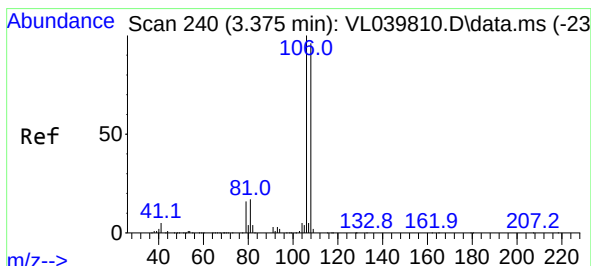
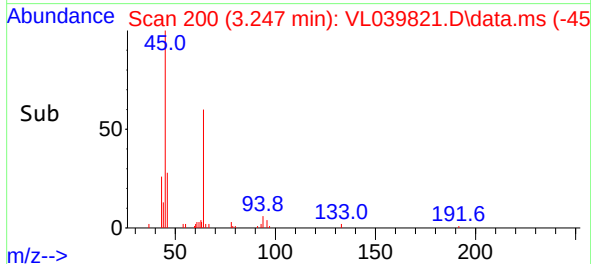
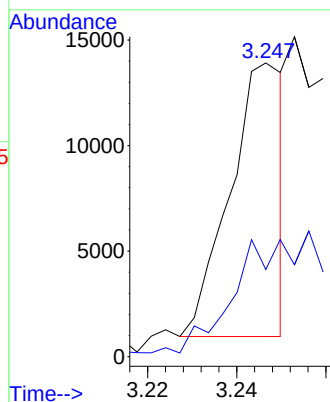
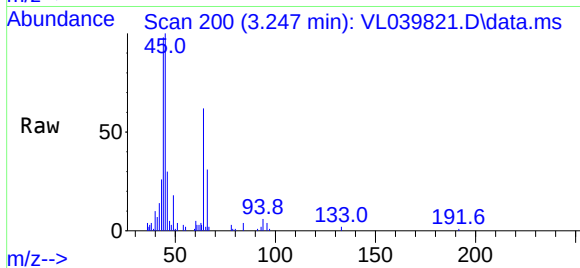




#13
Ethanol
Concen: 2.320 ppbv
RT: 3.247 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

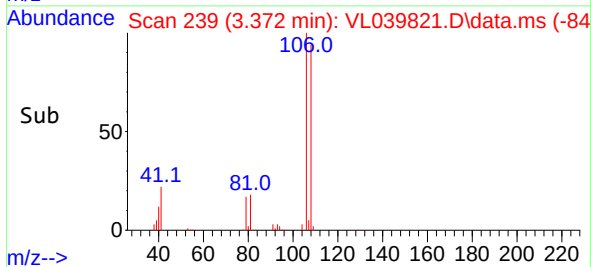
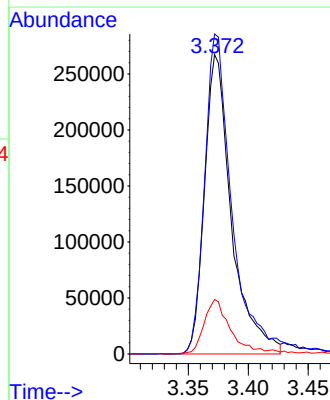
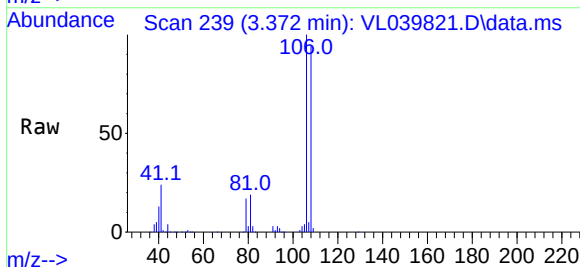
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

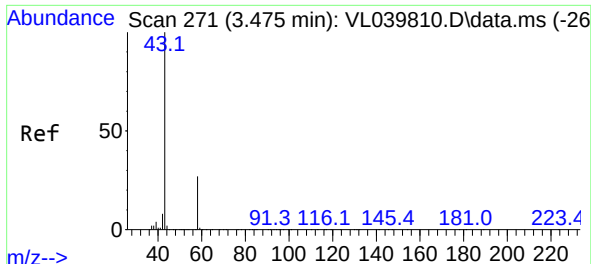
Tgt Ion: 45 Resp: 10773
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#



#14
Bromoethene
Concen: 8.870 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 108 Resp: 417818
Ion Ratio Lower Upper
108 100
106 112.0 87.8 131.8
79 19.1 14.5 21.7

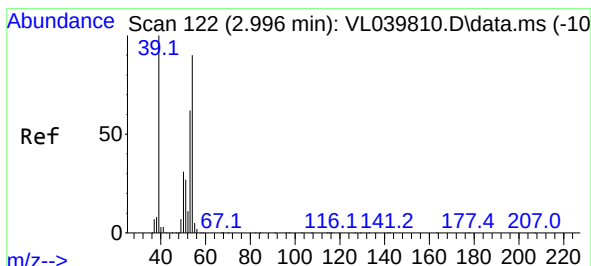
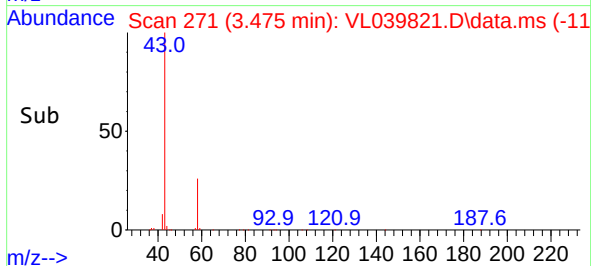
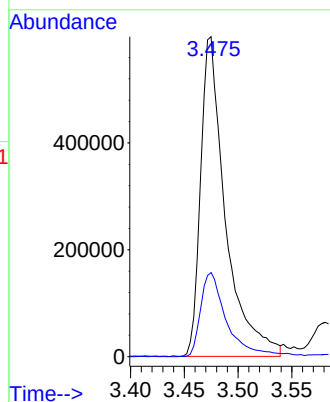
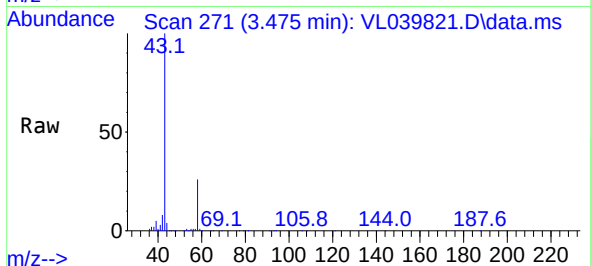




#15
Acetone
Concen: 7.469 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

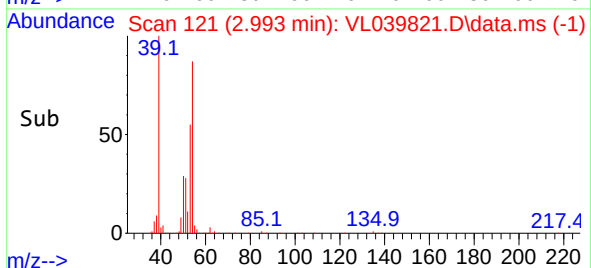
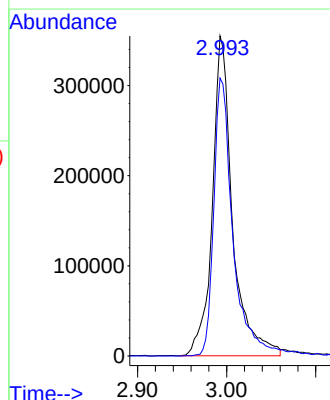
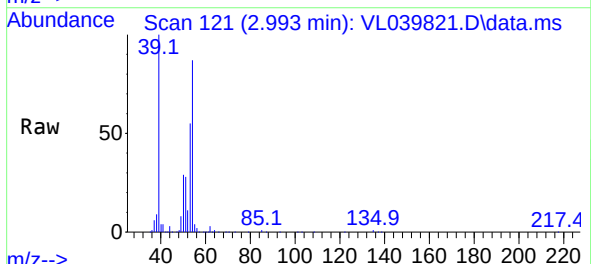
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

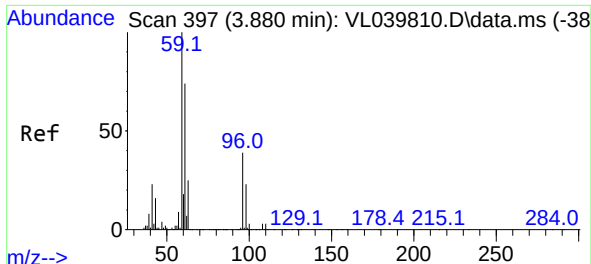
Tgt Ion: 43 Resp: 961706
Ion Ratio Lower Upper
43 100
58 27.9 23.2 34.8



#16
1,3-Butadiene
Concen: 9.316 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 39 Resp: 557827
Ion Ratio Lower Upper
39 100
54 84.3 71.0 106.4

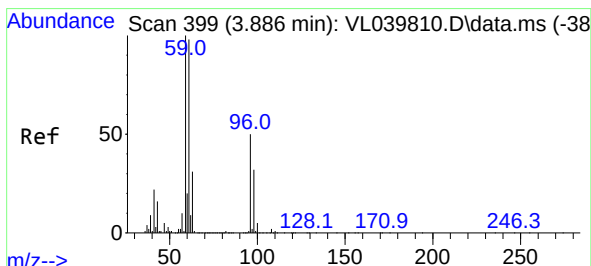
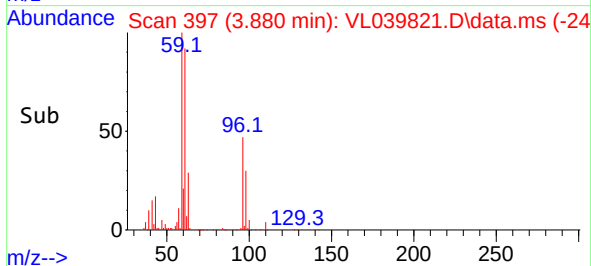
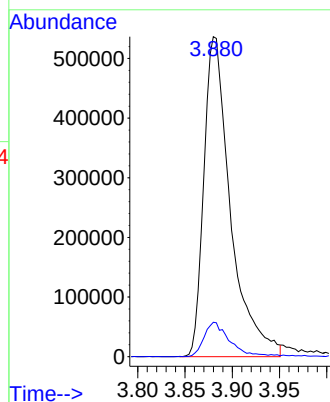
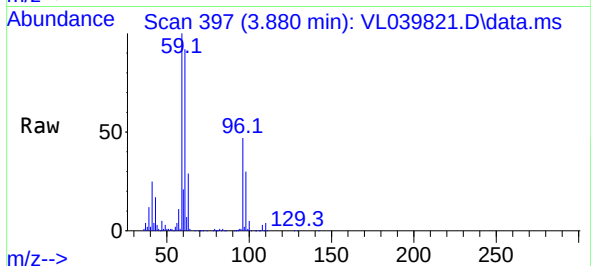




#17
tert-Butyl alcohol
Concen: 8.588 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

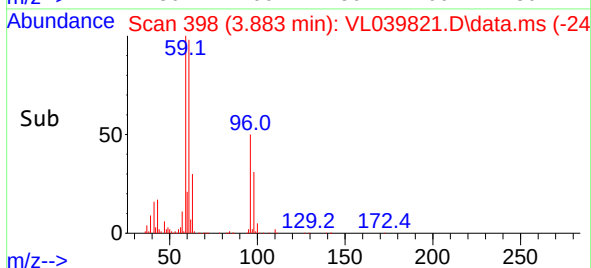
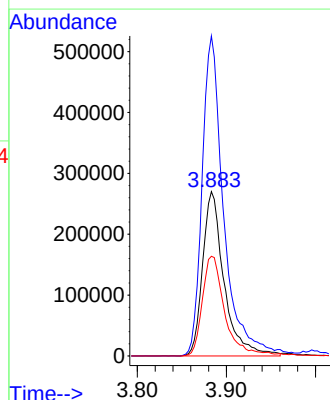
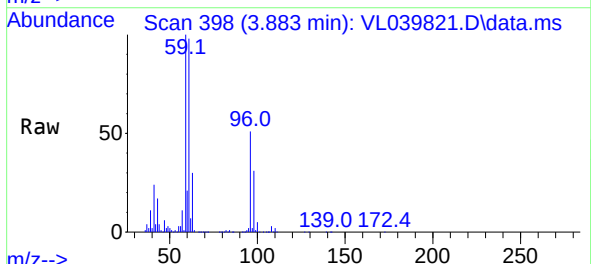
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

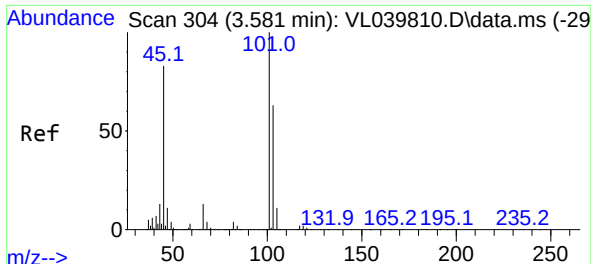
Tgt Ion: 59 Resp: 1053094
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.6



#18
1,1-Dichloroethene
Concen: 9.363 ppbv
RT: 3.883 min Scan# 398
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 96 Resp: 451600
Ion Ratio Lower Upper
96 100
61 194.8 156.9 235.3
98 60.7 50.6 75.8





#19

Isopropyl Alcohol

Concen: 8.441 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.000 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_1

ClientSampleId :

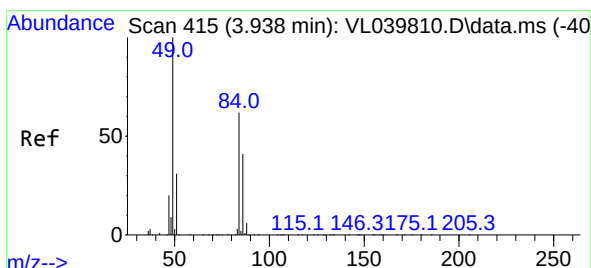
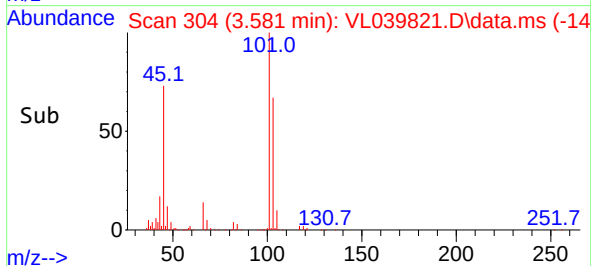
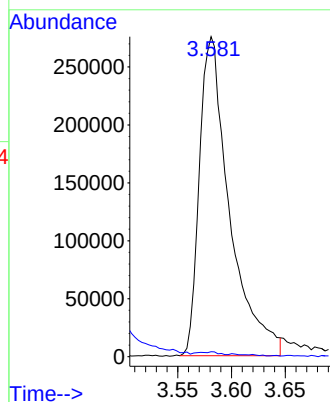
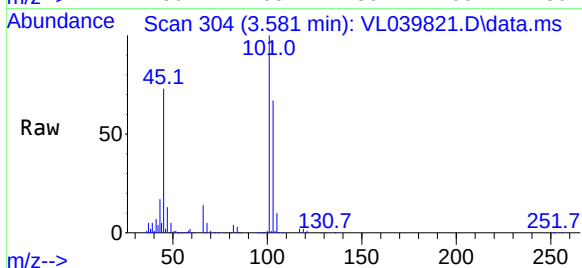
VL1103ABS01

Tgt Ion: 45 Resp: 537916

Ion Ratio Lower Upper

45 100

58 1.6 38.3 57.5#



#20

Methylene Chloride

Concen: 8.148 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.000 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Tgt Ion: 84 Resp: 375347

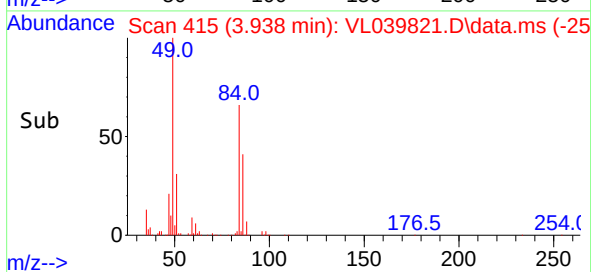
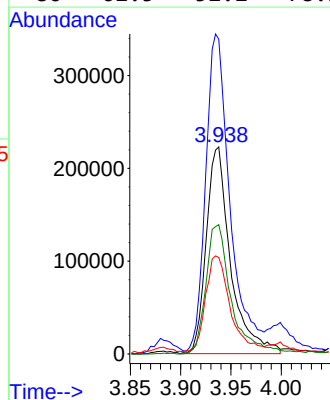
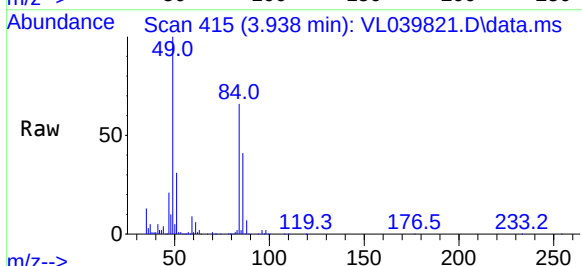
Ion Ratio Lower Upper

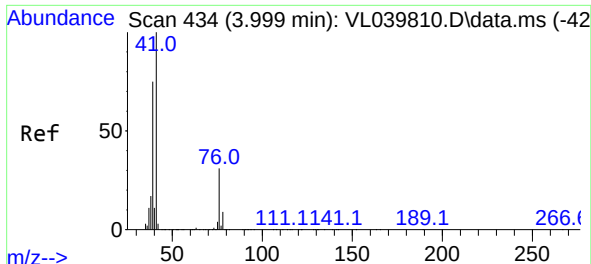
84 100

49 149.7 128.6 192.8

51 45.4 40.2 60.4

86 62.5 52.2 78.2

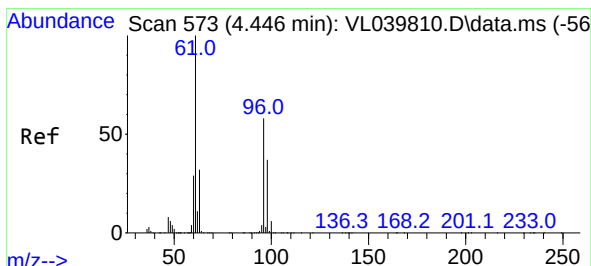
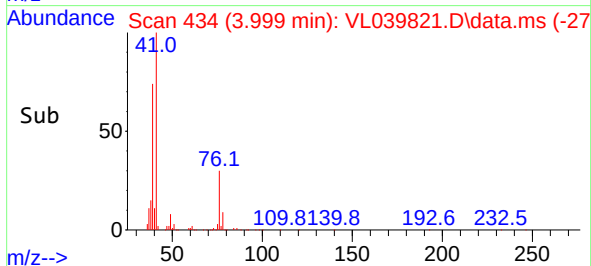
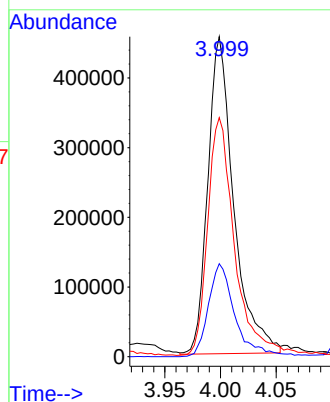
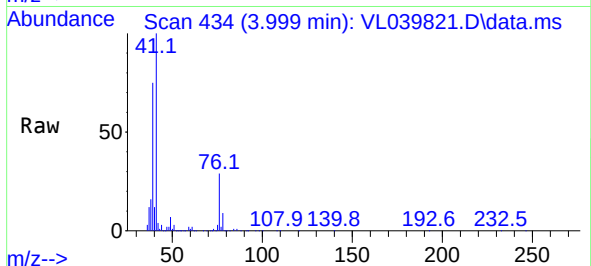




#21
 Allyl Chloride
 Concen: 9.029 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

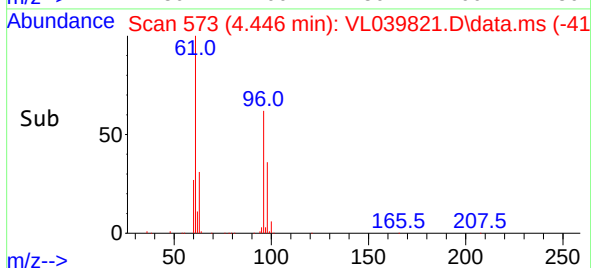
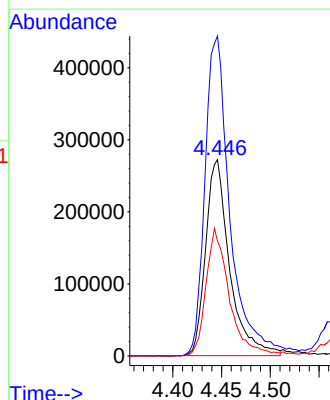
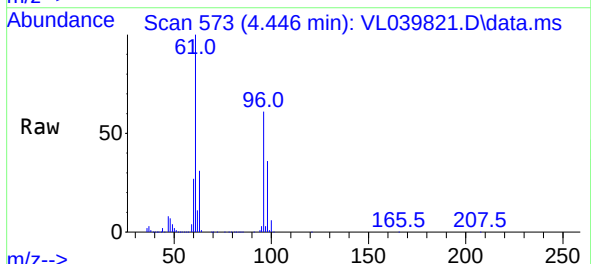
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01

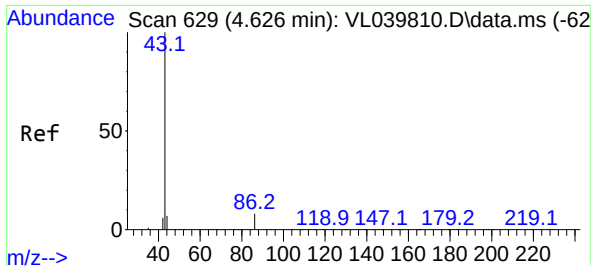
Tgt Ion: 41 Resp: 735352
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.1 36.1
 39 79.0 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.560 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

Tgt Ion: 96 Resp: 468007
 Ion Ratio Lower Upper
 96 100
 61 163.0 137.6 206.4
 98 58.7 51.2 76.8



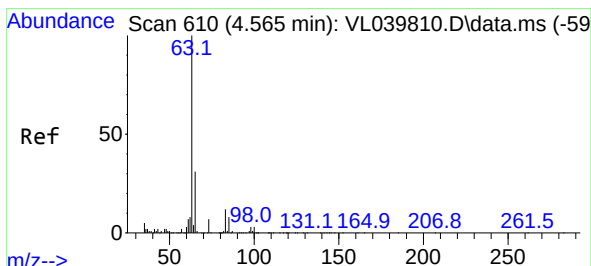
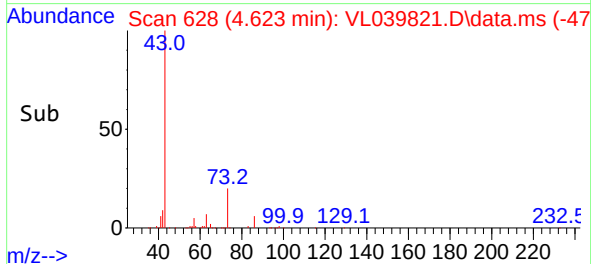
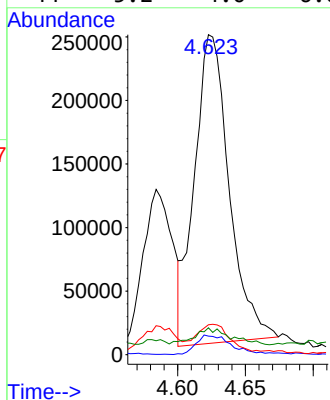
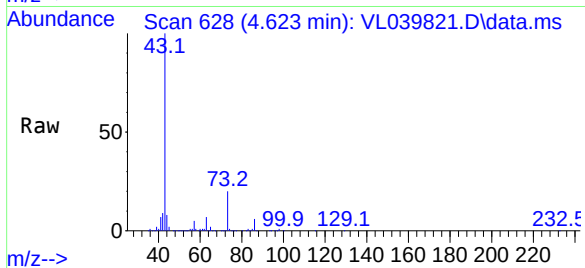


#23
Vinyl Acetate
Concen: 8.431 ppbv
RT: 4.623 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

Tgt Ion: 43 Resp: 432483

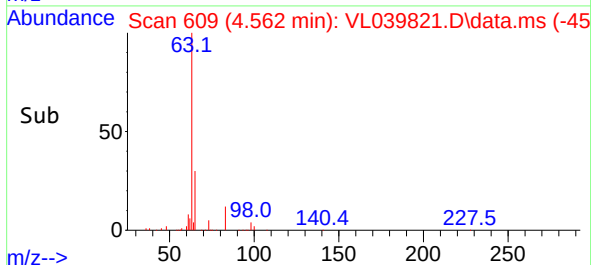
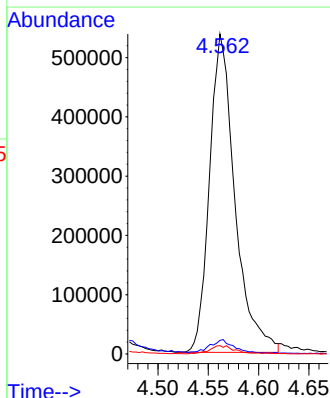
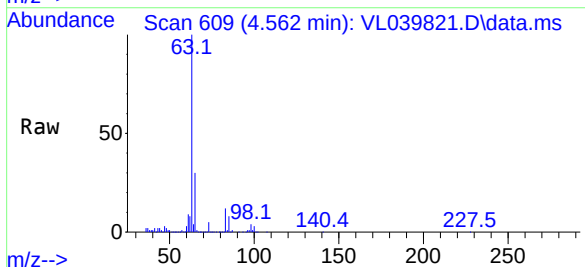
Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.0	7.4
42	8.6	6.8	10.2
44	5.2	4.0	6.0

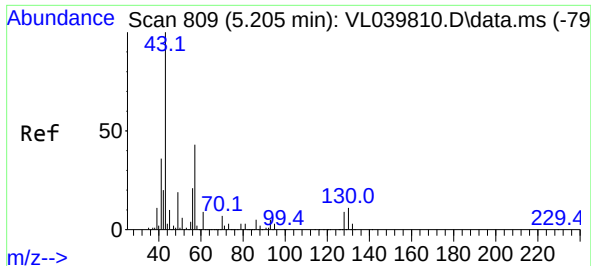


#24
1,1-Dichloroethane
Concen: 9.015 ppbv
RT: 4.562 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 63 Resp: 944596

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.4
100	2.5	1.5	4.4



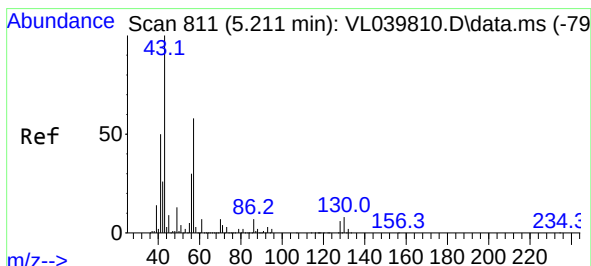
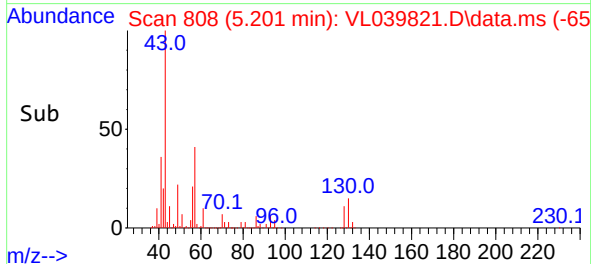
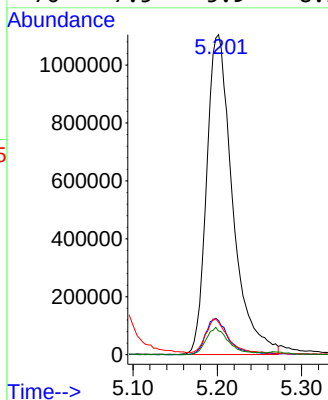
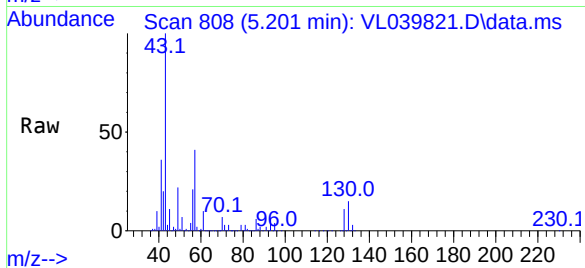


#25
Ethyl Acetate
Concen: 8.909 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

Tgt Ion: 43 Resp: 2362732

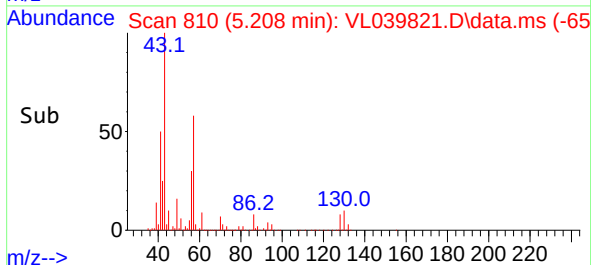
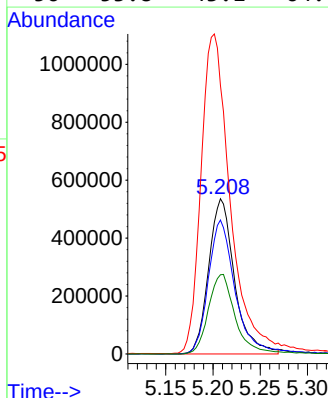
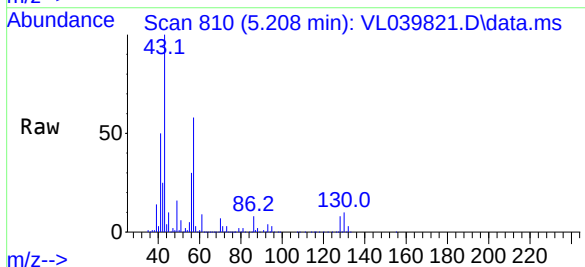
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.2	8.1	12.1
70	7.5	5.9	8.9

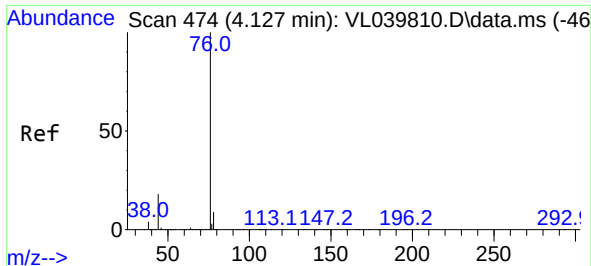


#26
Hexane
Concen: 8.639 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 57 Resp: 1021576

Ion	Ratio	Lower	Upper
57	100		
41	91.0	73.7	110.5
43	238.6	189.8	284.8
56	53.8	43.1	64.7

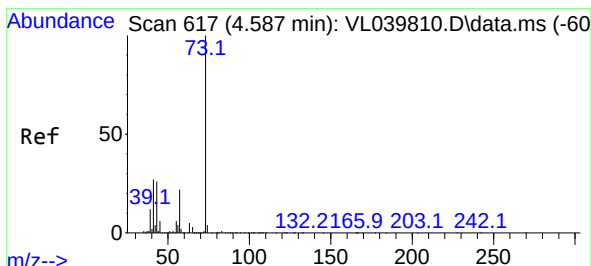
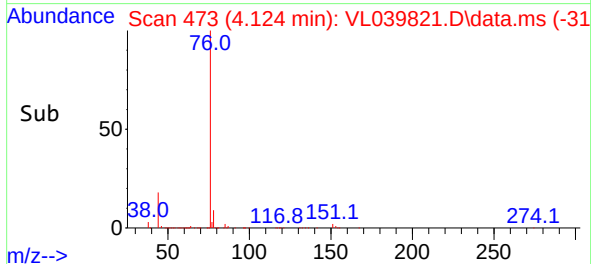
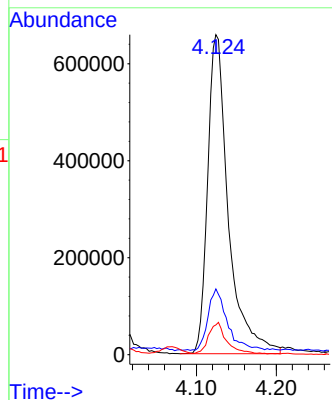
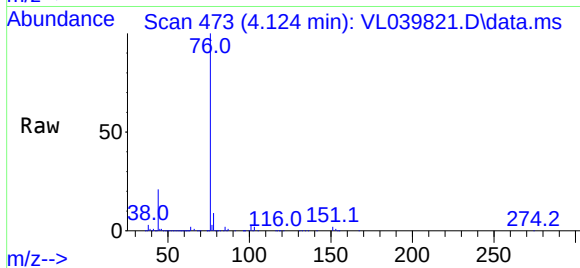




#27
Carbon Disulfide
Concen: 9.553 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

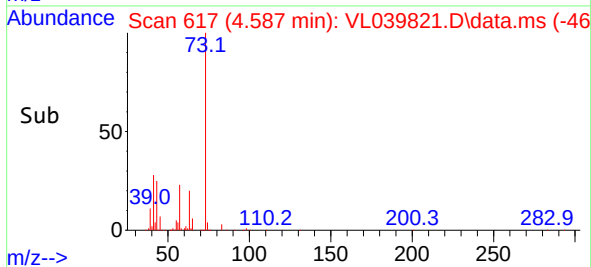
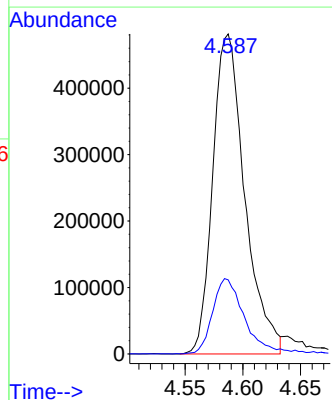
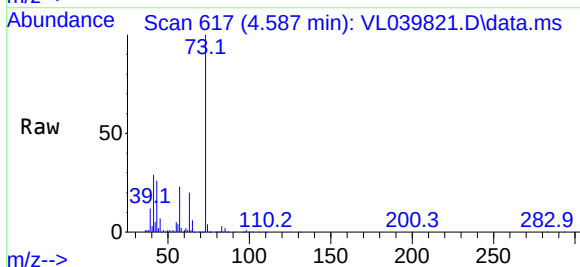
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

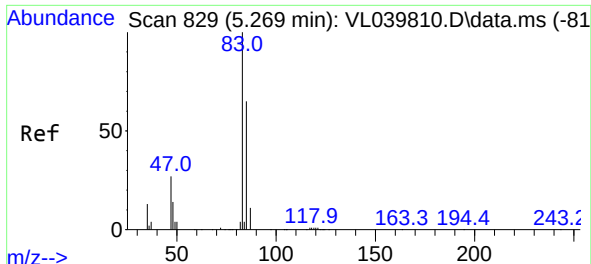
Tgt Ion: 76 Resp: 1186240
Ion Ratio Lower Upper
76 100
44 19.6 14.6 22.0
78 9.2 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 8.676 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 73 Resp: 928586
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2





#29

Chloroform

Concen: 9.389 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_1

ClientSampleId :

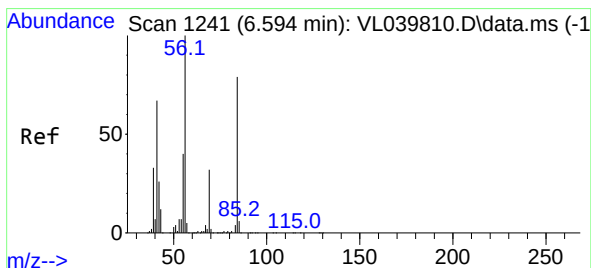
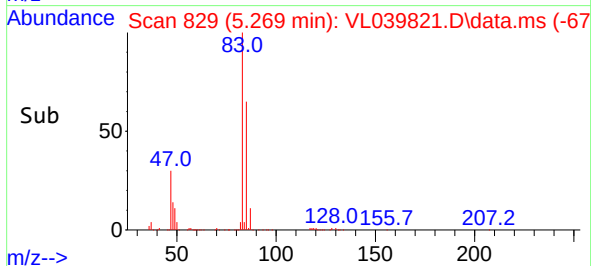
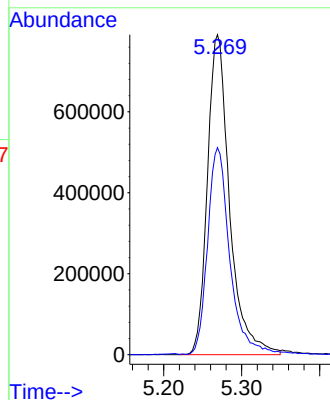
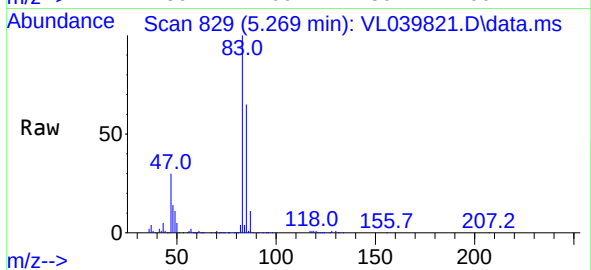
VL1103ABS01

Tgt Ion: 83 Resp: 1561237

Ion Ratio Lower Upper

83 100

85 64.6 51.6 77.4



#30

Cyclohexane

Concen: 9.033 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

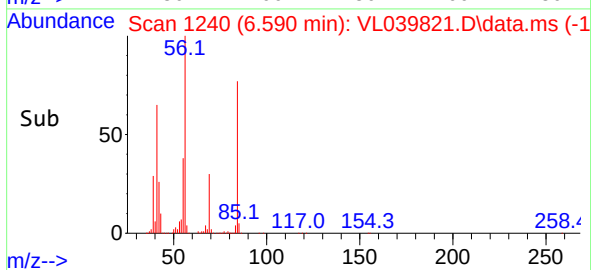
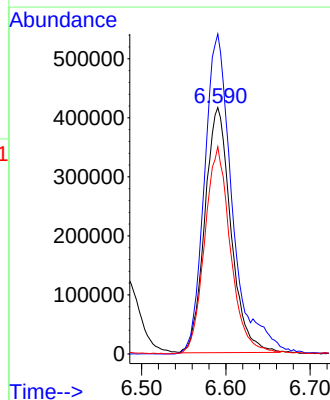
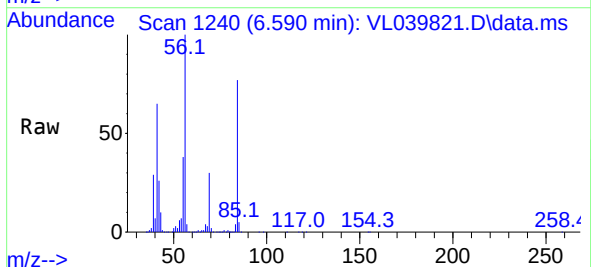
Tgt Ion: 84 Resp: 893226

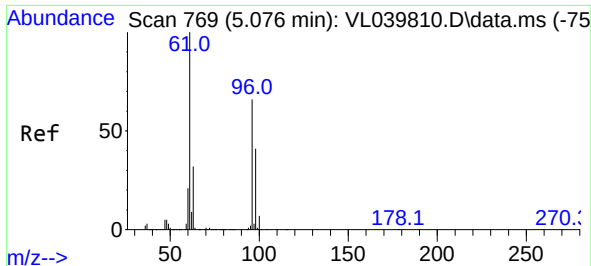
Ion Ratio Lower Upper

84 100

56 141.1 114.8 172.2

41 84.6 68.6 103.0

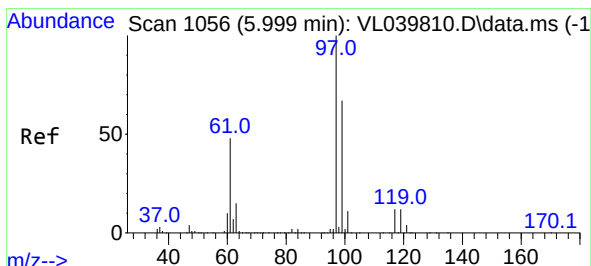
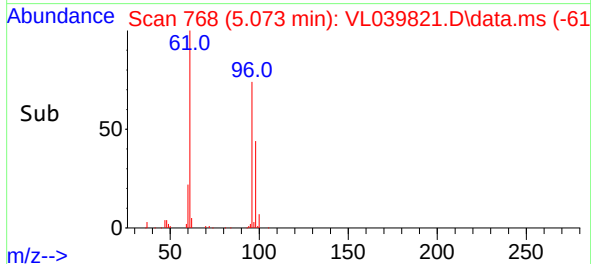
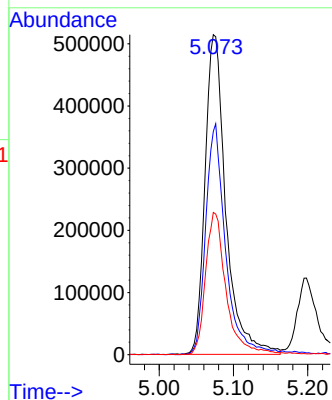
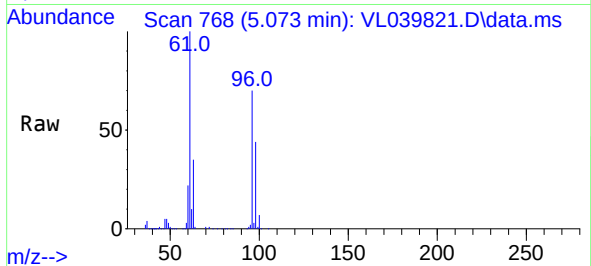




#31
cis-1,2-Dichloroethene
Concen: 9.284 ppbv
RT: 5.073 min Scan# 7
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

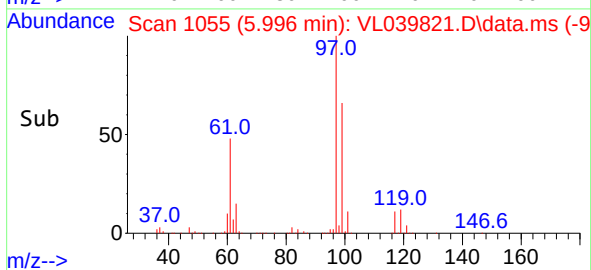
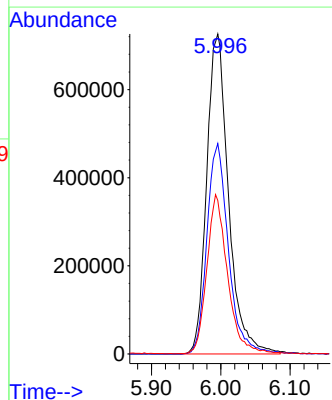
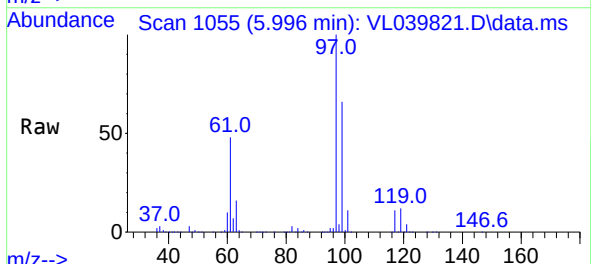
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

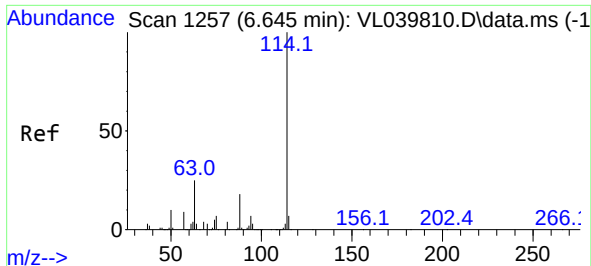
Tgt Ion: 61 Resp: 1001086
Ion Ratio Lower Upper
61 100
96 69.8 52.6 78.8
98 44.5 32.6 48.8



#32
1,1,1-Trichloroethane
Concen: 9.589 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 97 Resp: 1587307
Ion Ratio Lower Upper
97 100
99 65.1 52.7 79.1
61 47.5 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_1

ClientSampleId :

VL1103ABS01

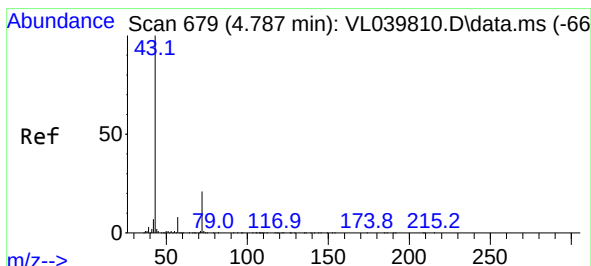
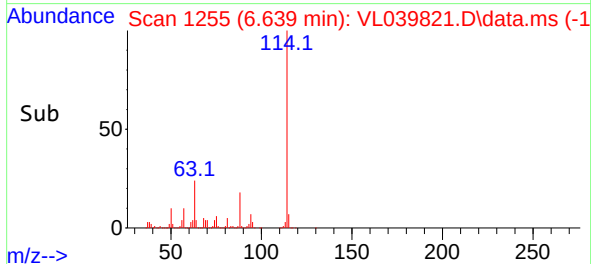
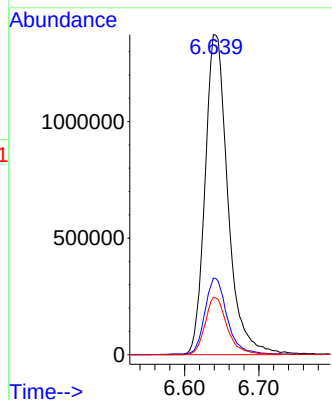
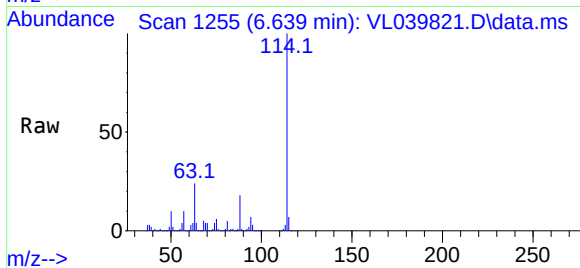
Tgt Ion:114 Resp: 2925647

Ion Ratio Lower Upper

114 100

63 23.9 19.8 29.6

88 17.6 14.4 21.6



#34

2-Butanone

Concen: 8.942 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.003 min

Lab File: VL039821.D

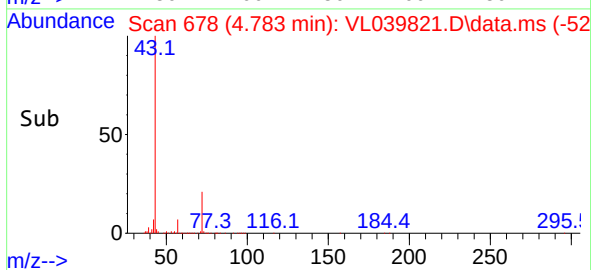
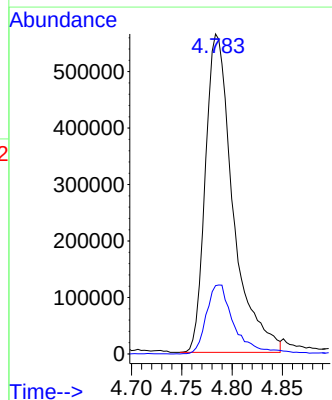
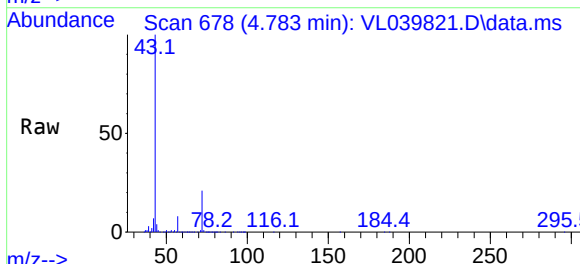
Acq: 3 Nov 2022 11:47

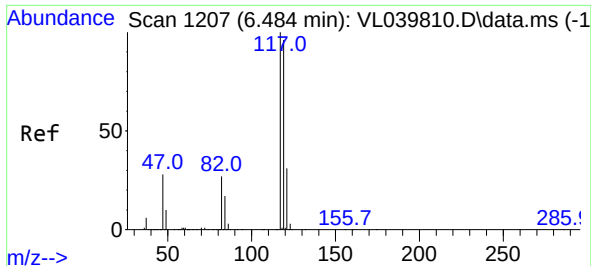
Tgt Ion: 43 Resp: 1079286

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3

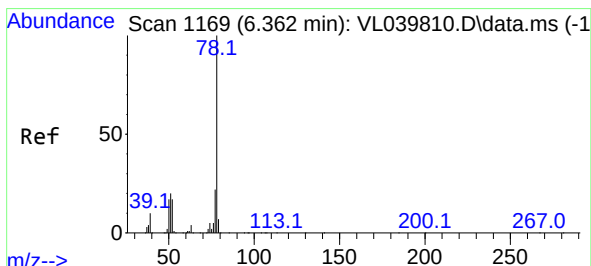
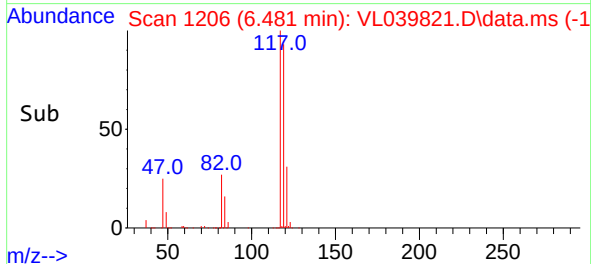
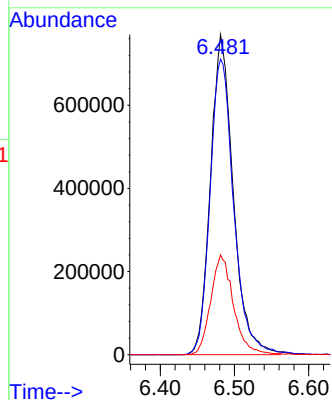
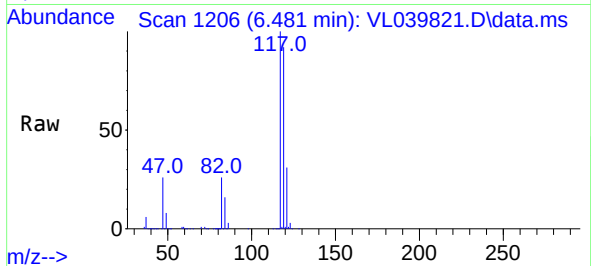




#35
Carbon Tetrachloride
Concen: 9.594 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

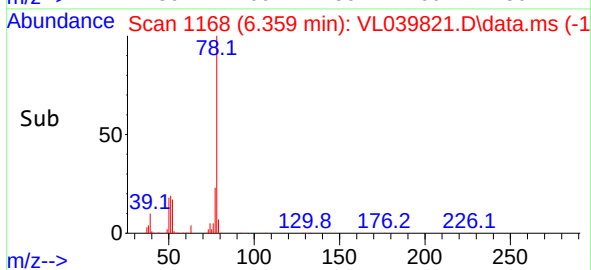
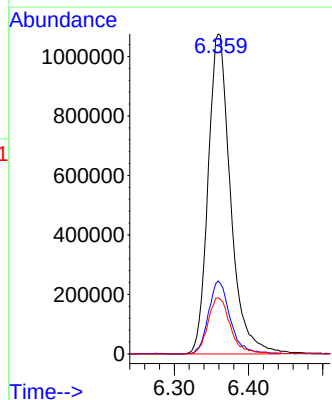
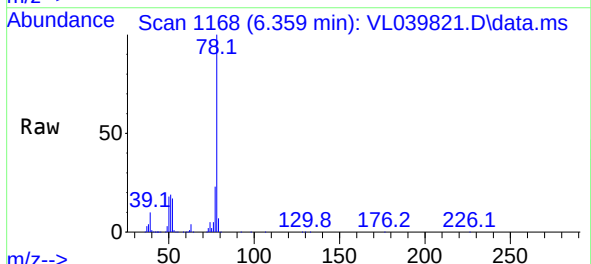
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

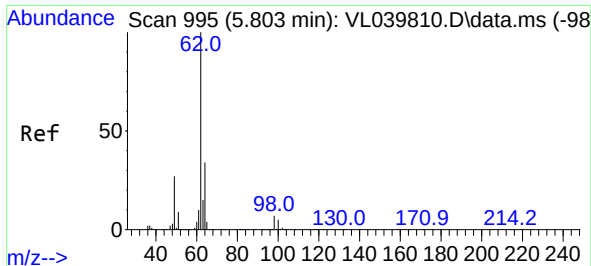
Tgt Ion:117 Resp: 1636069
Ion Ratio Lower Upper
117 100
119 92.3 76.5 114.7
121 31.2 25.2 37.8



#36
Benzene
Concen: 9.108 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 78 Resp: 2247688
Ion Ratio Lower Upper
78 100
77 22.8 17.4 26.2
50 17.5 13.9 20.9

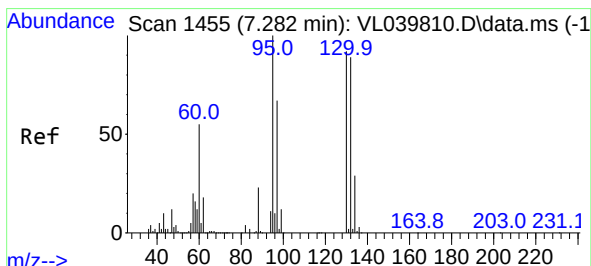
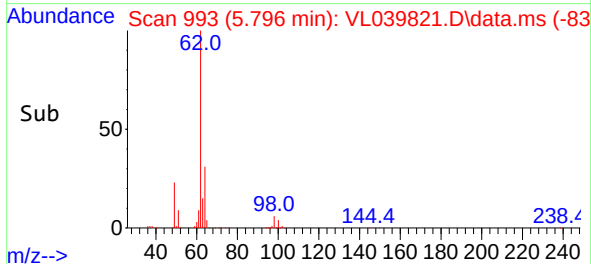
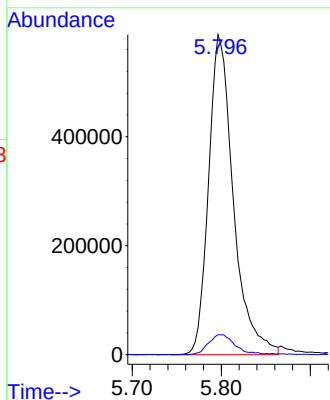
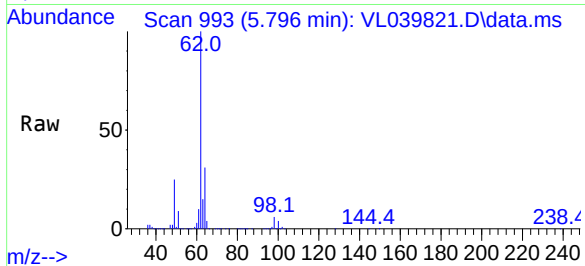




#37
1,2-Dichloroethane
Concen: 9.589 ppbv
RT: 5.796 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

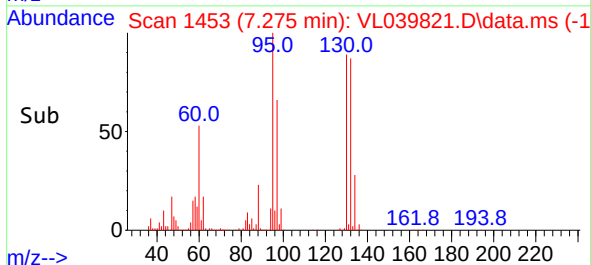
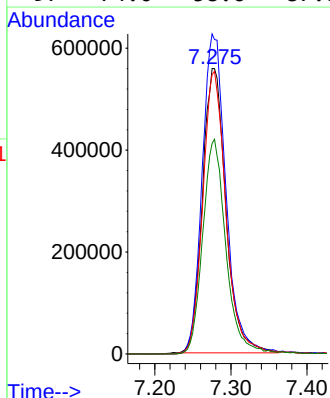
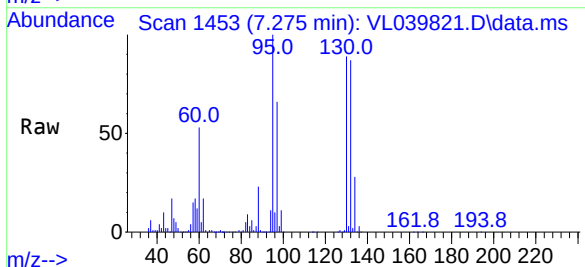
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

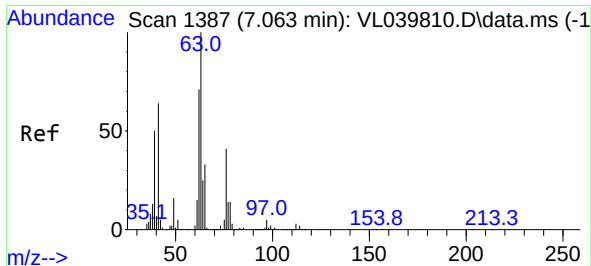
Tgt Ion: 62 Resp: 1135395
Ion Ratio Lower Upper
62 100
98 7.0 5.4 8.2



#38
Trichloroethene
Concen: 9.056 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:130 Resp: 1196334
Ion Ratio Lower Upper
130 100
95 112.4 87.4 131.2
132 98.2 77.7 116.5
97 74.0 58.6 87.8





#39

1,2-Dichloropropane

Concen: 8.910 ppbv

RT: 7.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

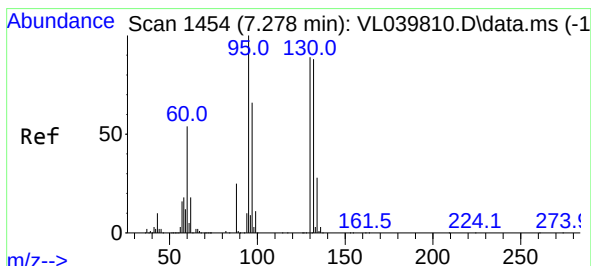
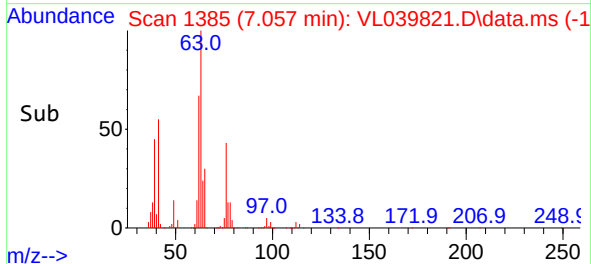
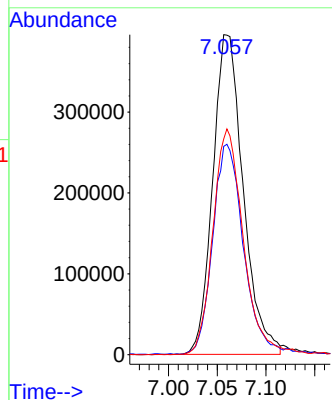
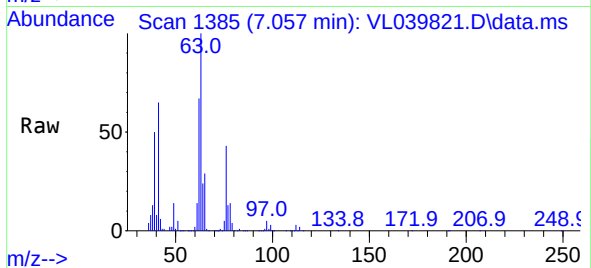
Tgt Ion: 63 Resp: 856718

Ion Ratio Lower Upper

63 100

41 65.0 51.0 76.4

62 67.3 56.6 85.0



#40

1,4-Dioxane

Concen: 9.398 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Tgt Ion: 88 Resp: 346049

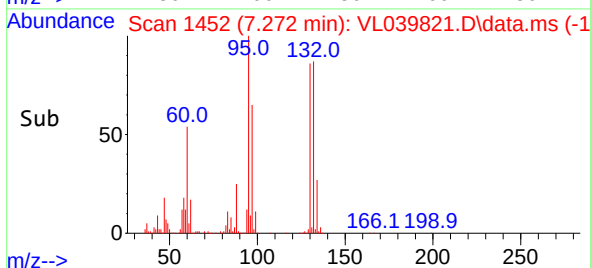
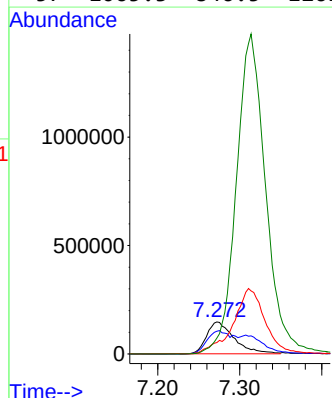
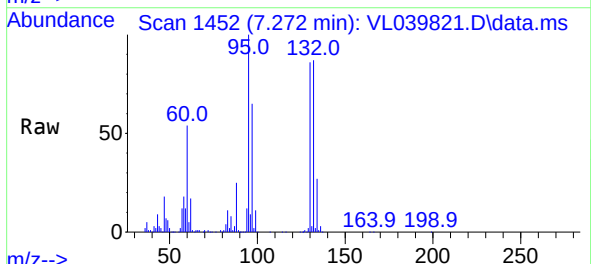
Ion Ratio Lower Upper

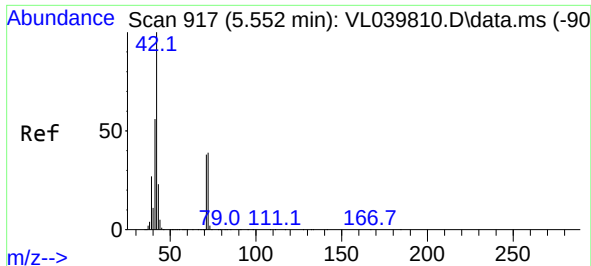
88 100

58 121.0 99.5 149.3

43 238.8 189.7 284.5

57 1065.3 846.5 1269.7





#41

Tetrahydrofuran

Concen: 9.043 ppbv

RT: 5.549 min Scan# 917

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

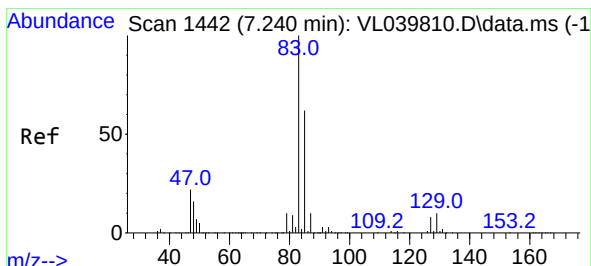
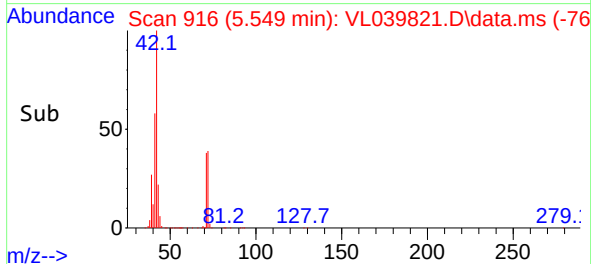
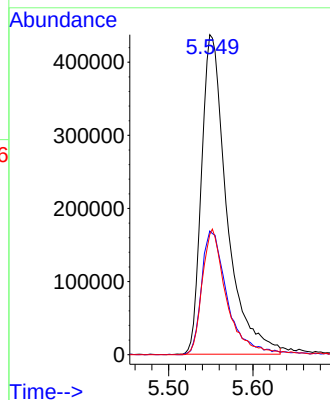
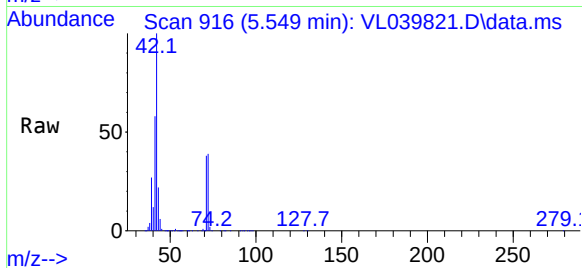
Tgt Ion: 42 Resp: 912183

Ion Ratio Lower Upper

42 100

72 40.4 31.4 47.2

71 38.7 31.5 47.3



#42

Bromodichloromethane

Concen: 9.216 ppbv

RT: 7.234 min Scan# 1440

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

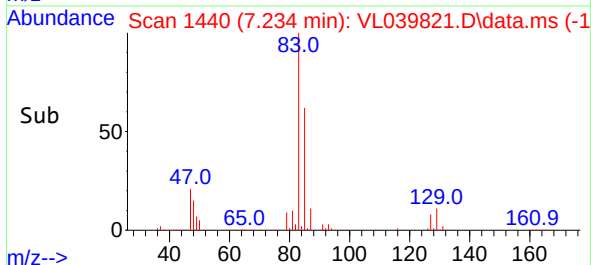
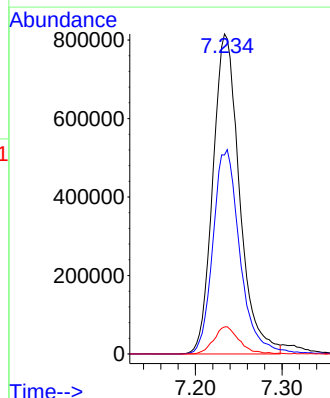
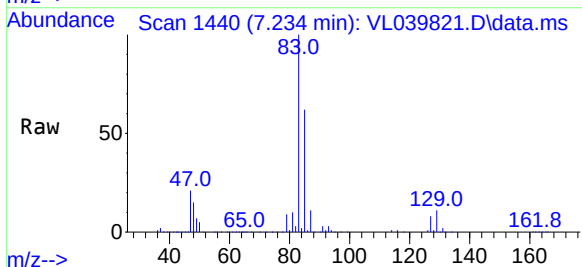
Tgt Ion: 83 Resp: 1742973

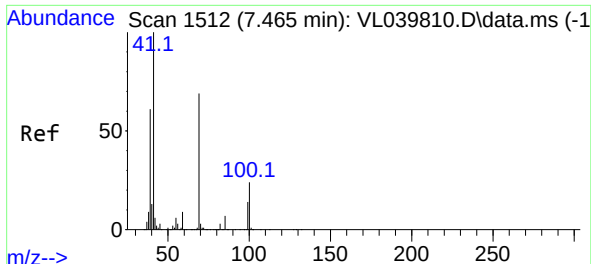
Ion Ratio Lower Upper

83 100

85 62.2 49.9 74.9

127 8.5 6.4 9.6





#43

Methyl Methacrylate

Concen: 9.328 ppbv

RT: 7.462 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

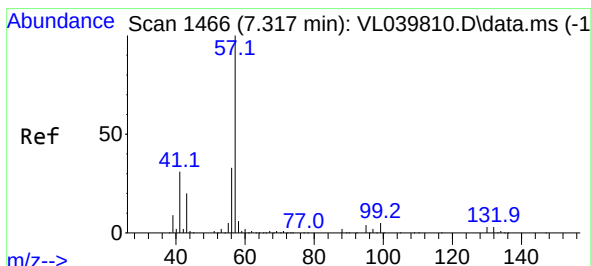
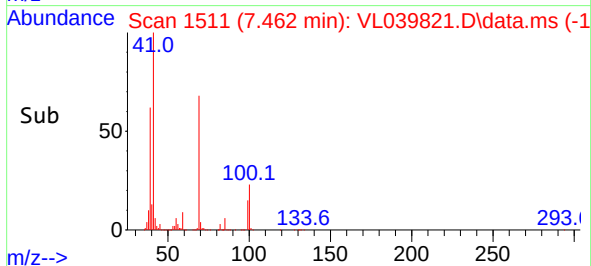
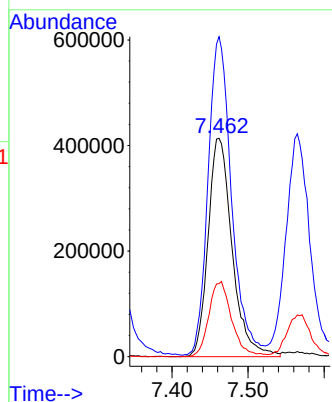
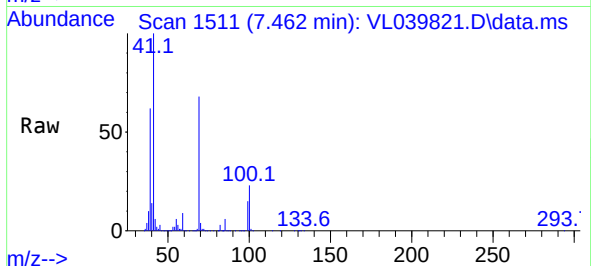
MSVOA_1

ClientSampleId :

VL1103ABS01

Tgt Ion: 69 Resp: 909827

Ion	Ratio	Lower	Upper
69	100		
41	142.4	115.7	173.5
100	32.9	25.9	38.9



#44

2,2,4-Trimethylpentane

Concen: 8.830 ppbv

RT: 7.314 min Scan# 1465

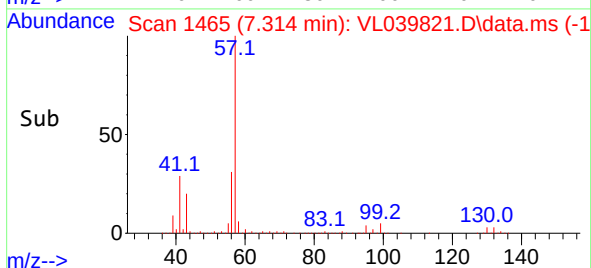
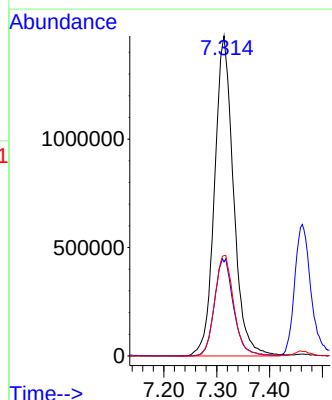
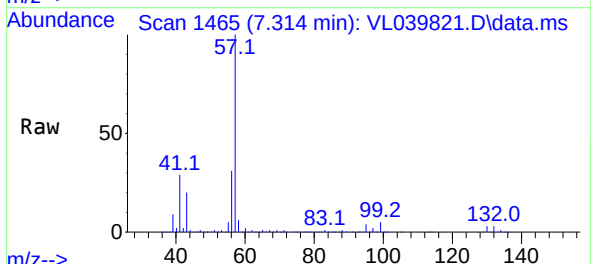
Delta R.T. -0.003 min

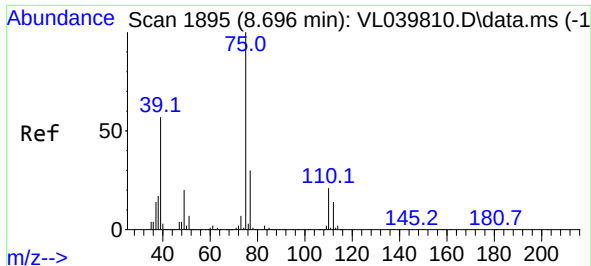
Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Tgt Ion: 57 Resp: 3678116

Ion	Ratio	Lower	Upper
57	100		
41	30.7	24.6	36.8
56	31.7	25.4	38.0

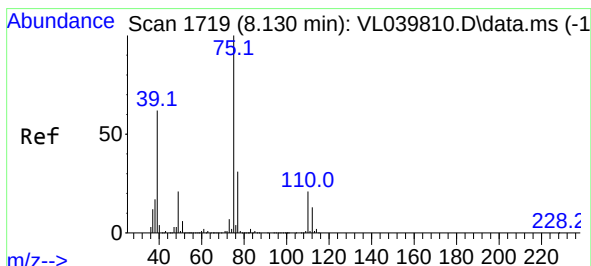
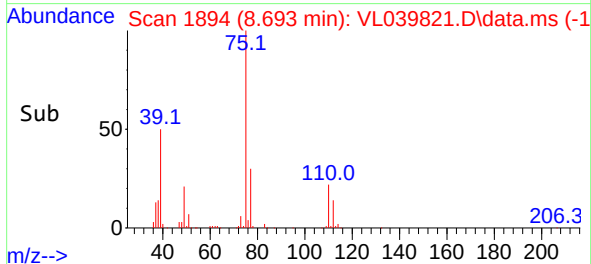
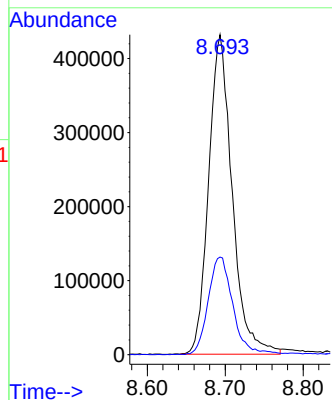
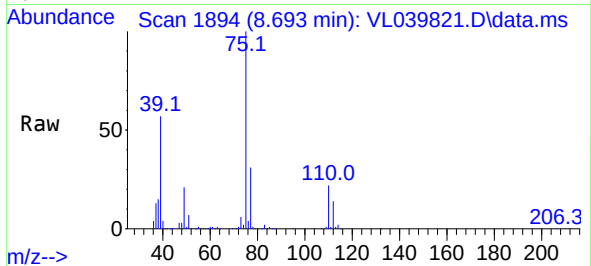




#45
t-1,3-Dichloropropene
Concen: 9.683 ppbv
RT: 8.693 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

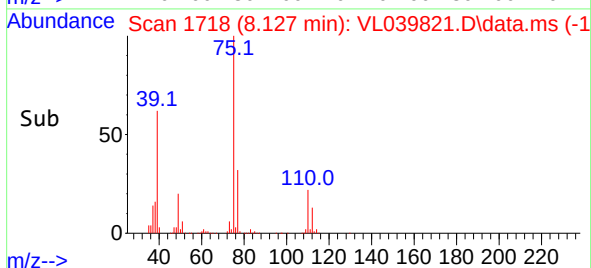
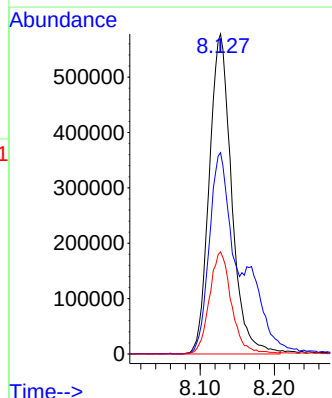
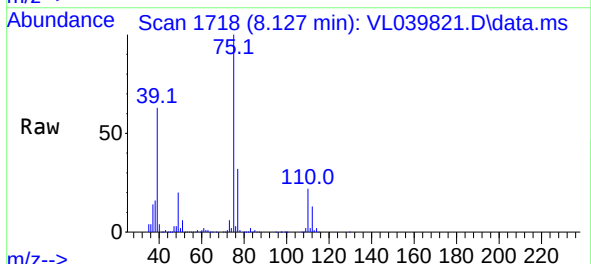
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

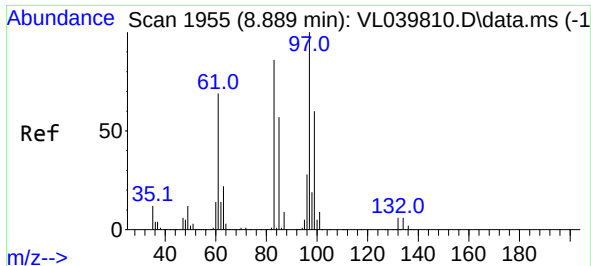
Tgt Ion: 75 Resp: 904700
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 9.455 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 75 Resp: 1205722
Ion Ratio Lower Upper
75 100
39 62.8 50.0 75.0
77 31.9 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.176 ppbv

RT: 8.880 min Scan# 1955

Delta R.T. -0.010 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion: 97 Resp: 893469

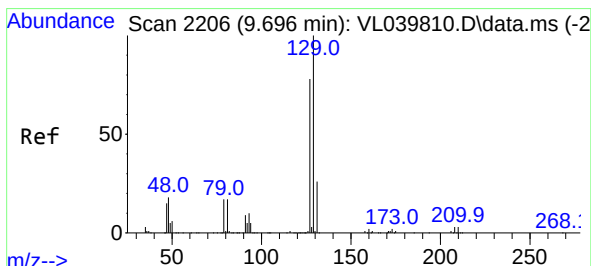
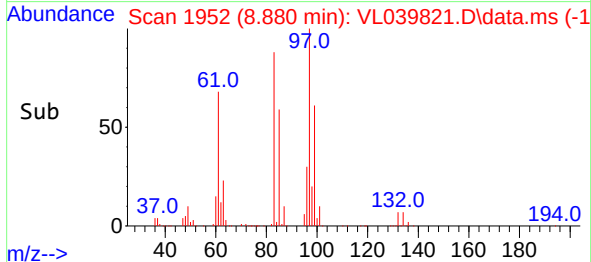
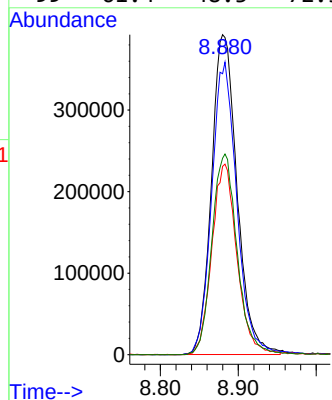
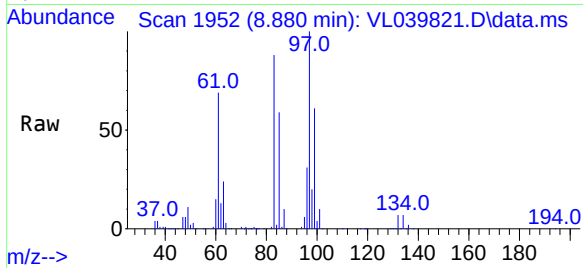
Ion Ratio Lower Upper

97 100

83 87.8 68.8 103.2

85 58.9 45.8 68.6

99 61.4 48.3 72.5



#48

Dibromochloromethane

Concen: 9.169 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. -0.010 min

Lab File: VL039821.D

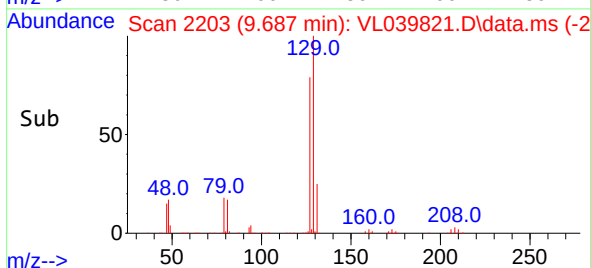
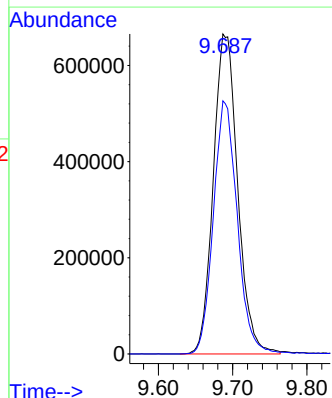
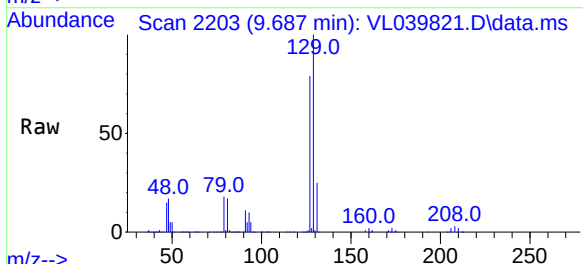
Acq: 3 Nov 2022 11:47

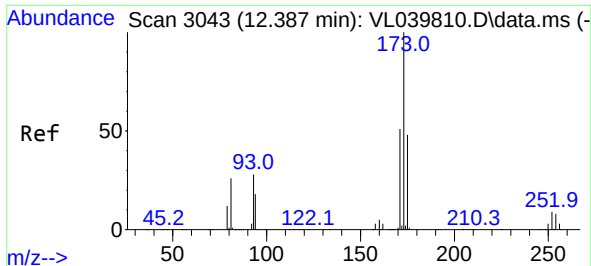
Tgt Ion: 129 Resp: 1521212

Ion Ratio Lower Upper

129 100

127 78.0 39.4 118.1

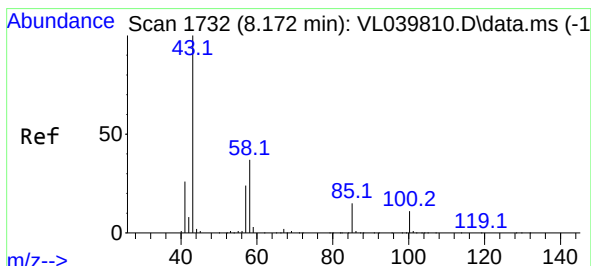
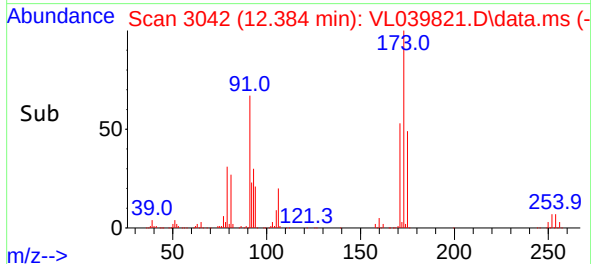
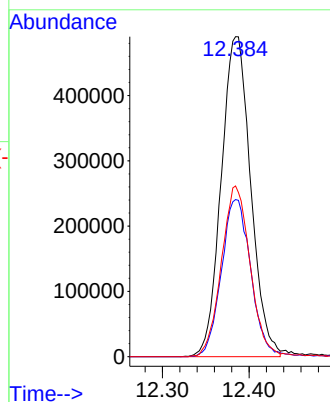
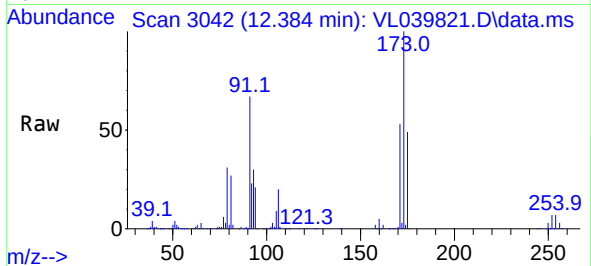




#49
Bromoform
Concen: 8.694 ppbv
RT: 12.384 min Scan# 3043
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

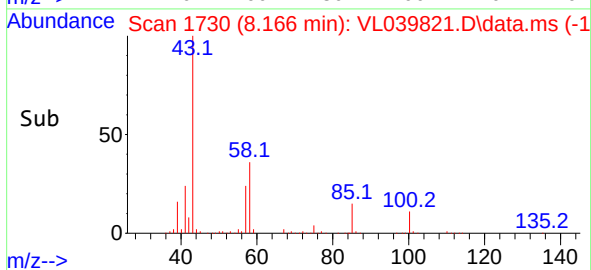
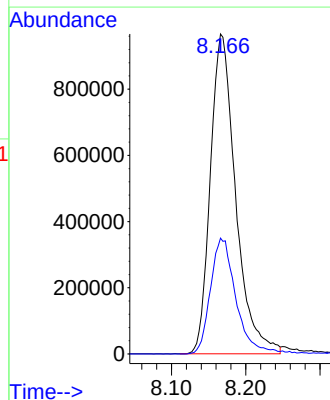
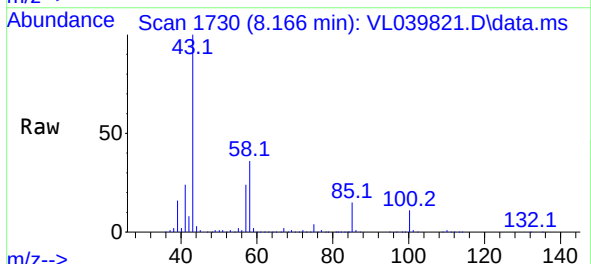
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

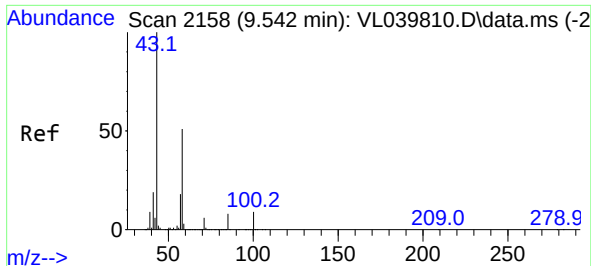
Tgt Ion:173 Resp: 1159389
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
171 52.6 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 9.260 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 43 Resp: 2288076
Ion Ratio Lower Upper
43 100
58 37.0 29.8 44.6



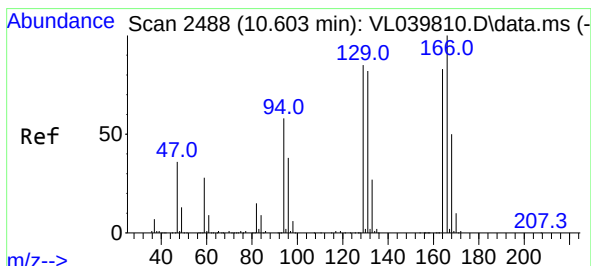
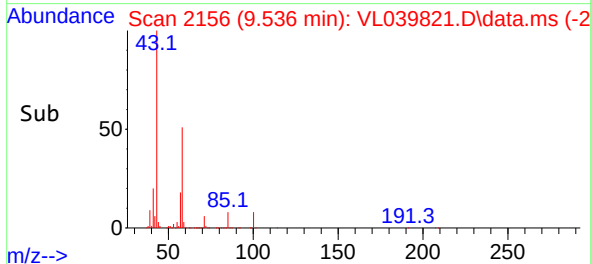
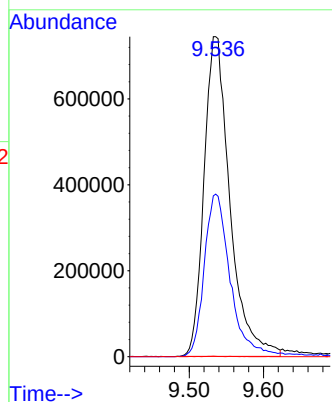
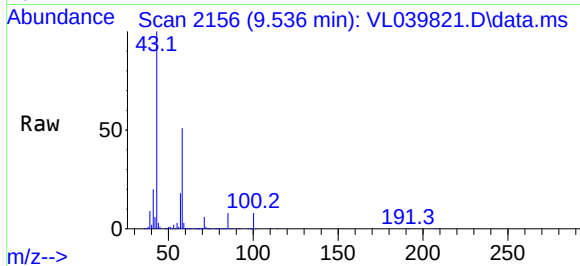


#51
2-Hexanone
Concen: 9.350 ppbv
RT: 9.536 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

Tgt Ion: 43 Resp: 1801514

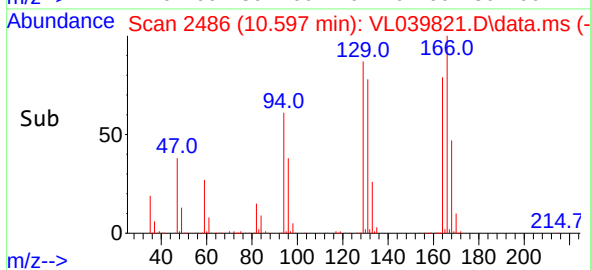
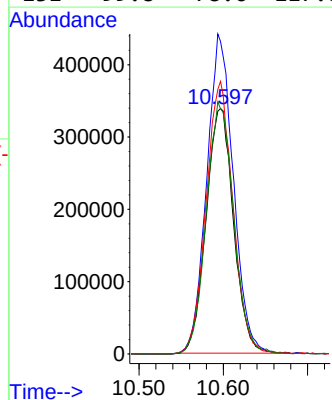
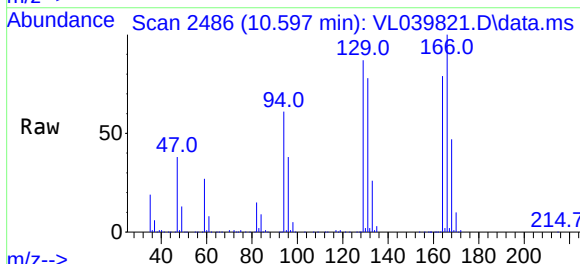
Ion	Ratio	Lower	Upper
43	100		
58	52.1	40.5	60.7
98	0.1	0.1	0.1

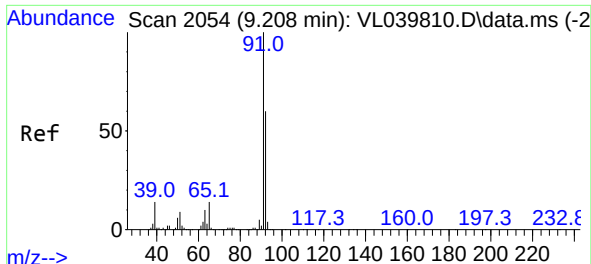


#52
Tetrachloroethene
Concen: 8.271 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 164 Resp: 764784

Ion	Ratio	Lower	Upper
164	100		
166	127.4	96.0	144.0
129	110.7	81.4	122.2
131	99.8	78.6	117.8

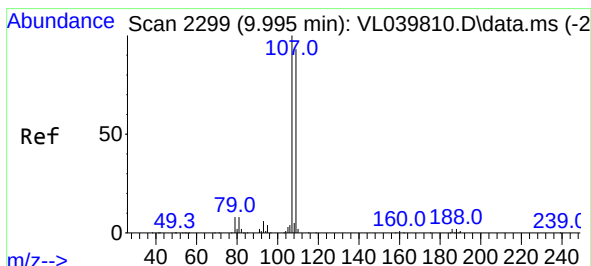
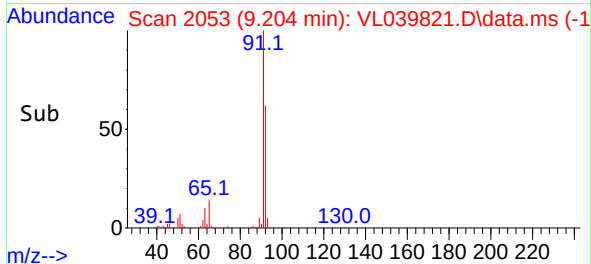
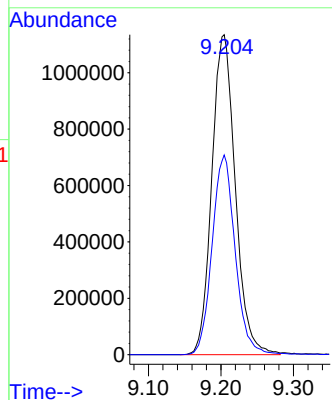
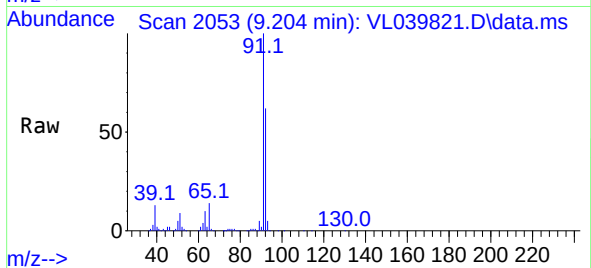




#53
Toluene
Concen: 9.008 ppbv
RT: 9.204 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

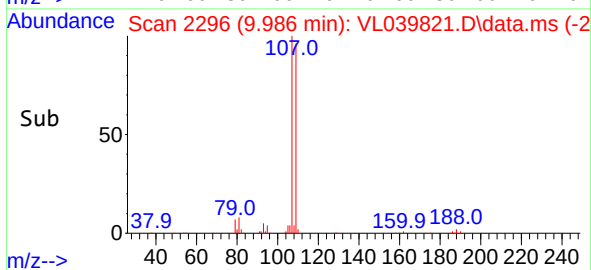
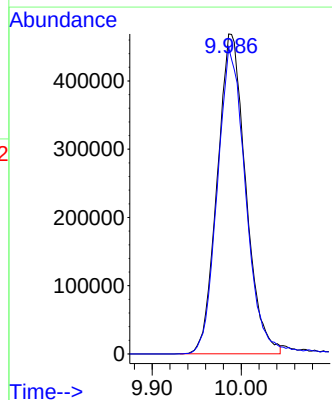
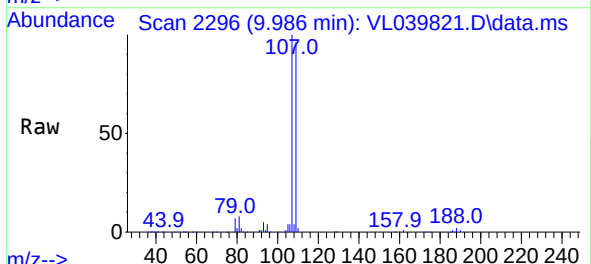
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

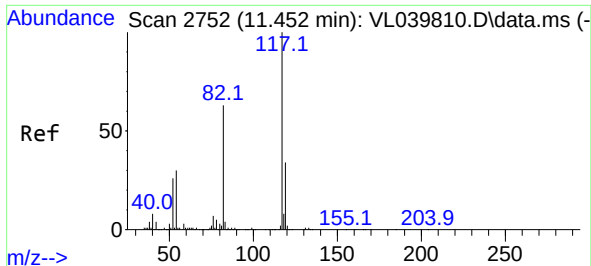
Tgt Ion: 91 Resp: 2550218
Ion Ratio Lower Upper
91 100
92 61.6 49.6 74.4



#54
1,2-Dibromoethane
Concen: 9.617 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 107 Resp: 1039159
Ion Ratio Lower Upper
107 100
109 95.8 74.5 111.7

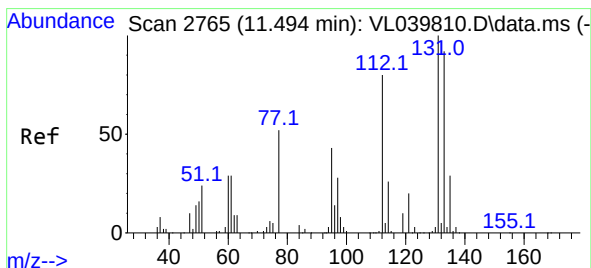
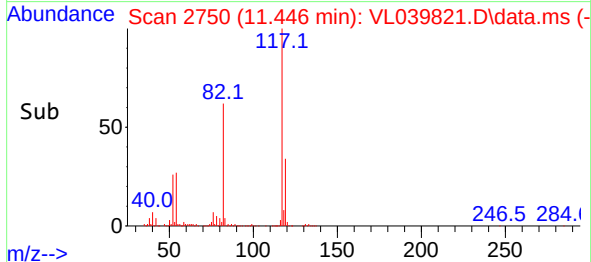
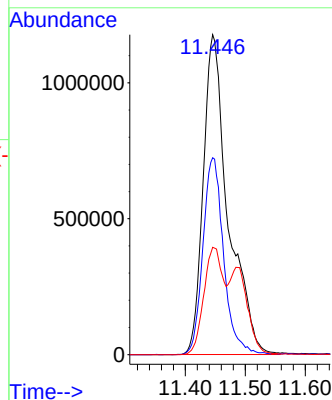
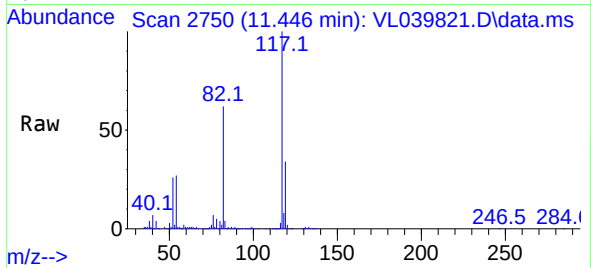




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

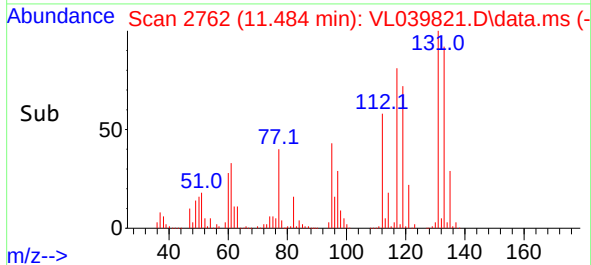
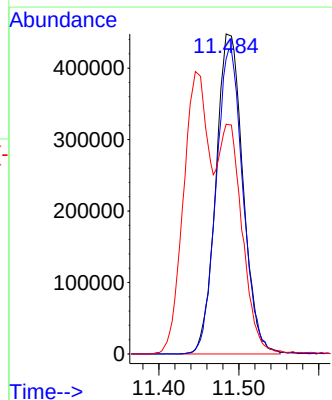
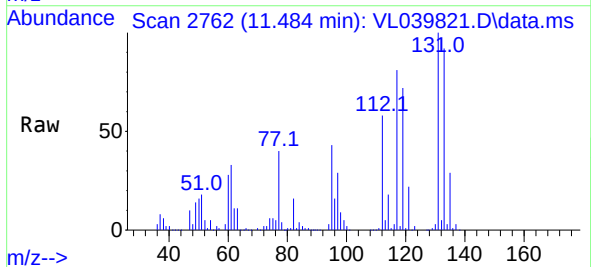
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

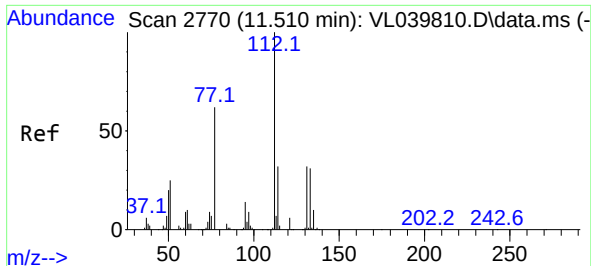
Tgt Ion:117 Resp: 3411687
Ion Ratio Lower Upper
117 100
82 51.3 51.0 76.6
119 27.4 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 7.213 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:131 Resp: 1052069
Ion Ratio Lower Upper
131 100
133 95.2 76.9 115.3
119 62.1 52.2 78.2

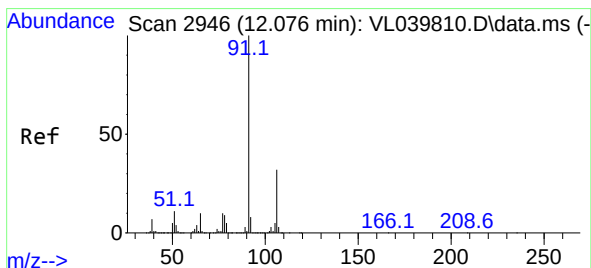
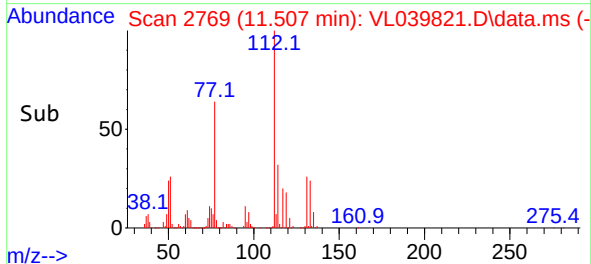
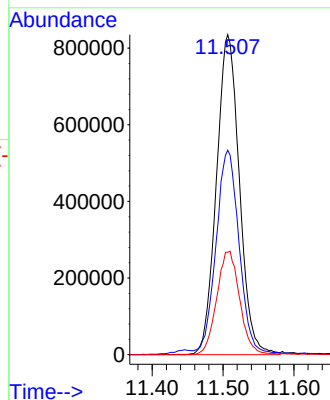
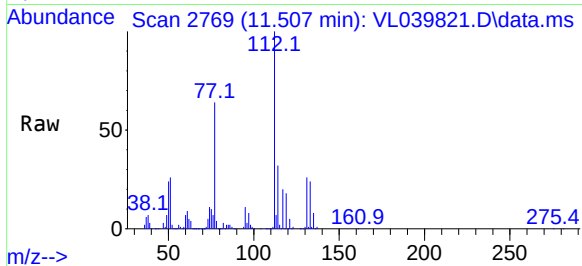




#57
Chlorobenzene
Concen: 7.262 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

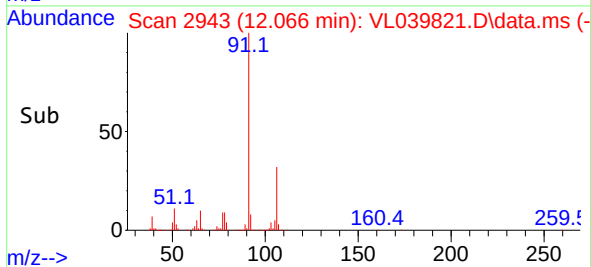
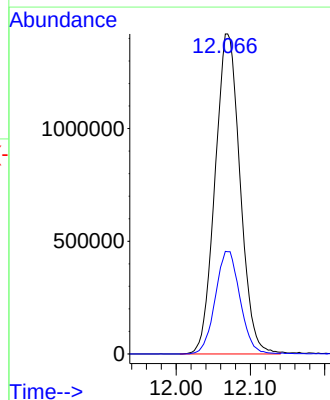
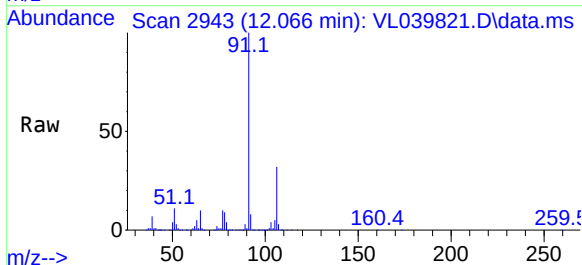
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

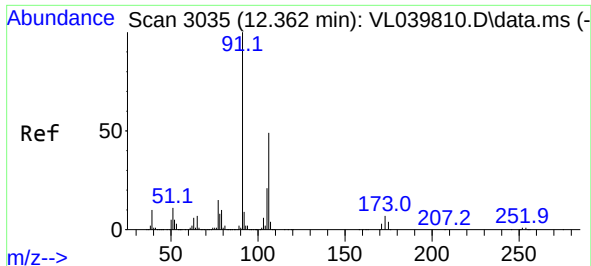
Tgt Ion:112 Resp: 1879268
Ion Ratio Lower Upper
112 100
77 63.5 49.8 74.6
114 31.9 29.0 35.4



#58
Ethyl Benzene
Concen: 7.211 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 91 Resp: 3326552
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9





#59

m/p-Xylene

Concen: 7.804 ppbv

RT: 12.352 min Scan# 3035

Delta R.T. -0.009 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

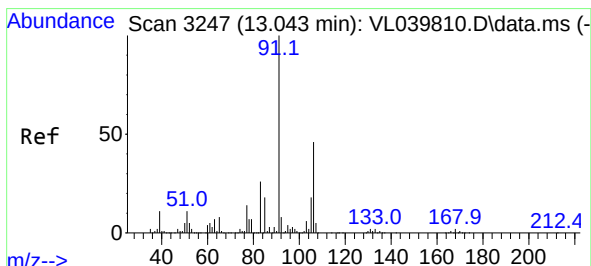
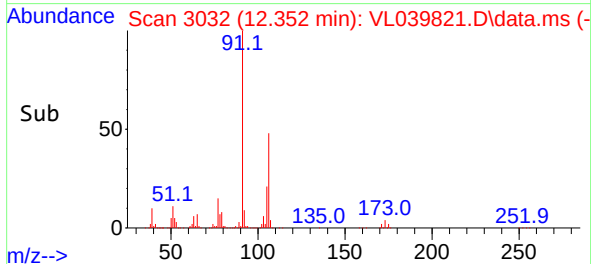
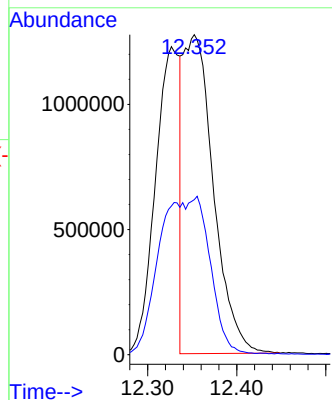
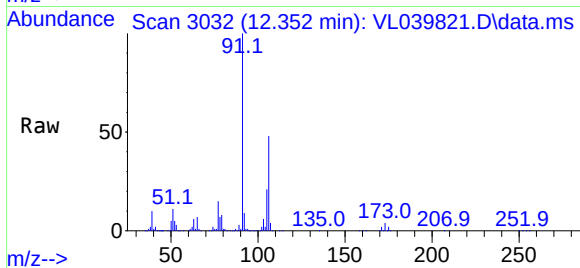
VL1103ABS01

Tgt Ion: 91 Resp: 3005094

Ion Ratio Lower Upper

91 100

106 83.6 37.6 56.4#



#60

o-Xylene

Concen: 7.059 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.003 min

Lab File: VL039821.D

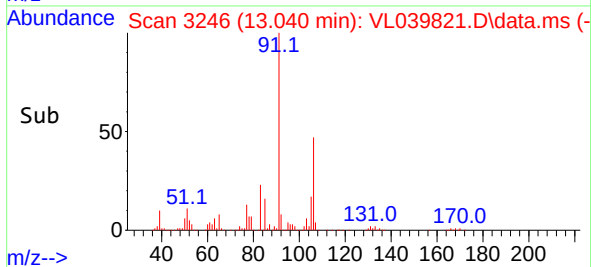
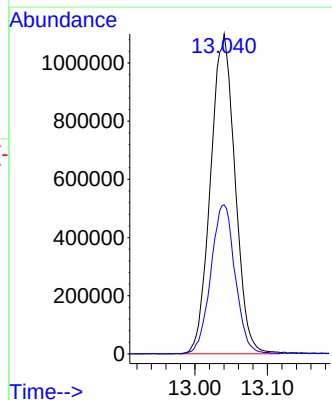
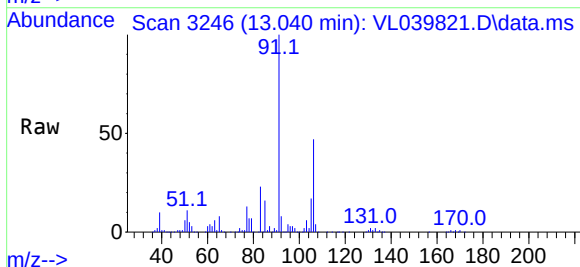
Acq: 3 Nov 2022 11:47

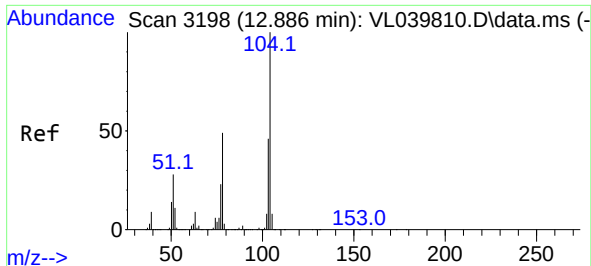
Tgt Ion: 91 Resp: 2575370

Ion Ratio Lower Upper

91 100

106 46.6 23.6 70.8

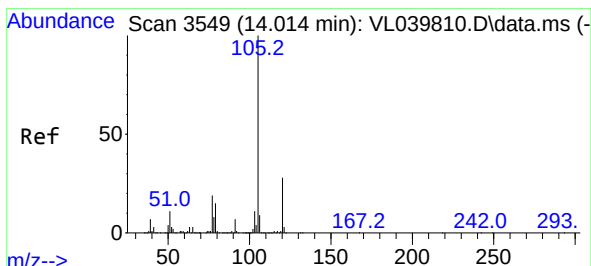
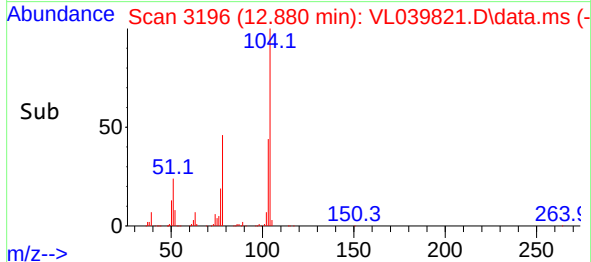
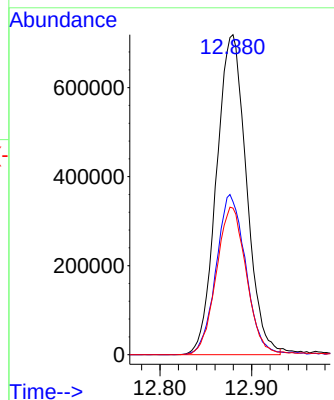
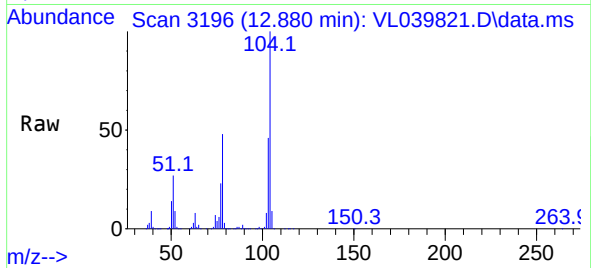




#61
Styrene
Concen: 7.285 ppbv
RT: 12.880 min Scan# 3198
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

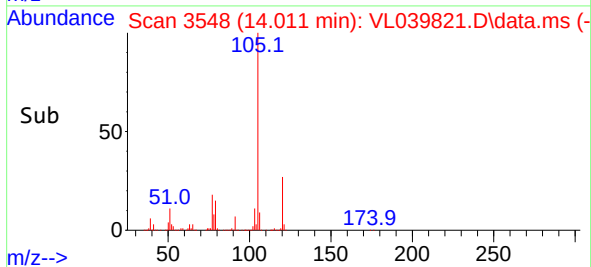
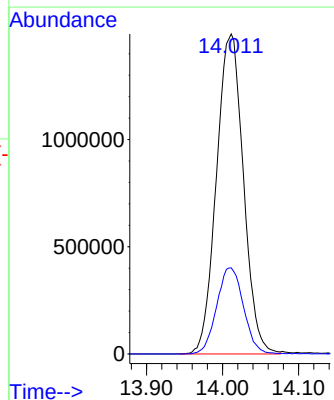
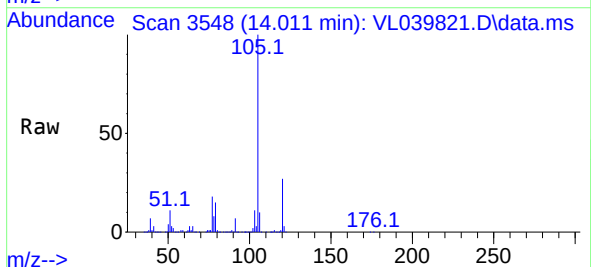
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

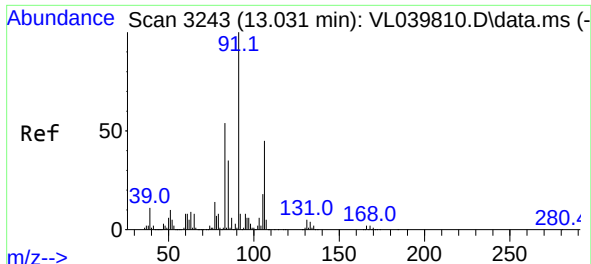
Tgt Ion:104 Resp: 1635385
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 46.8 37.5 56.3



#62
Isopropylbenzene
Concen: 6.908 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:105 Resp: 3676461
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5

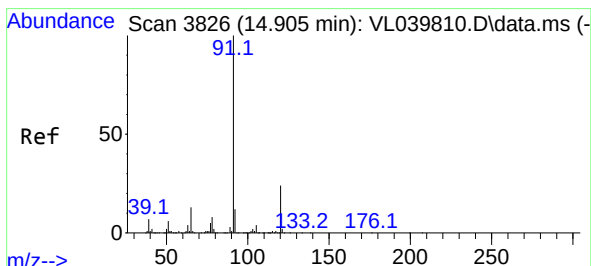
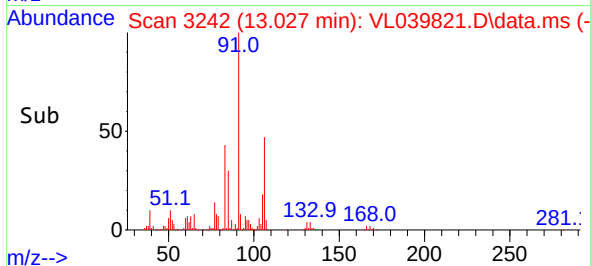
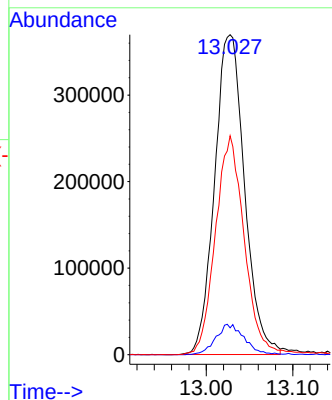
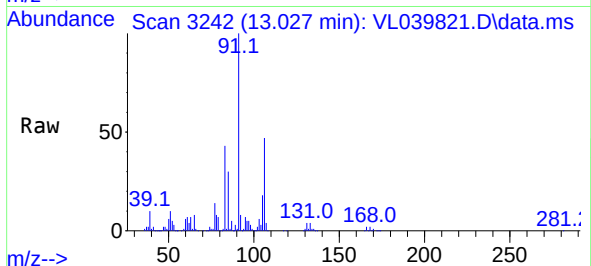




#63
1,1,2,2-Tetrachloroethane
Concen: 6.534 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

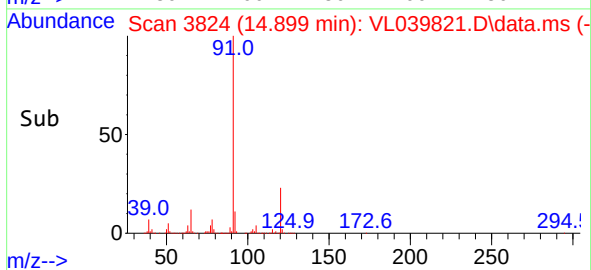
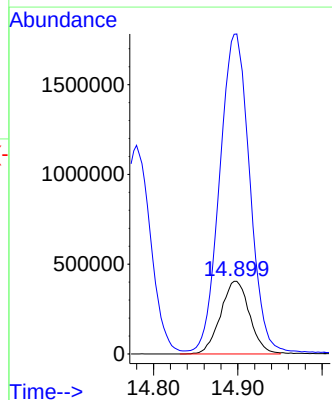
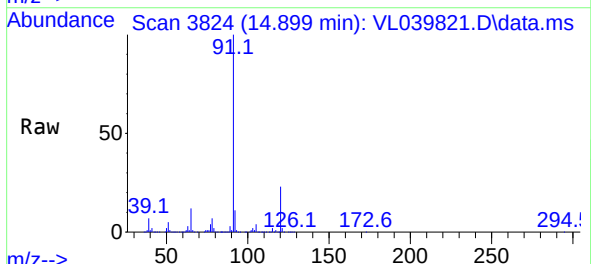
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

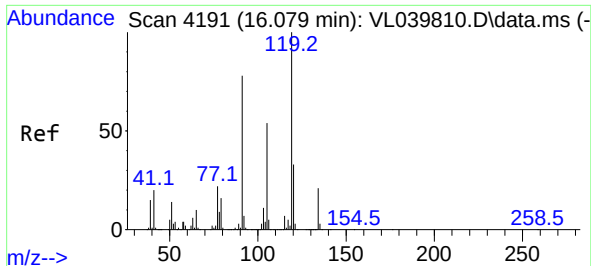
Tgt Ion: 83 Resp: 887723
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.4 33.3 99.9



#64
n-propylbenzene
Concen: 6.787 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:120 Resp: 966128
Ion Ratio Lower Upper
120 100
91 459.6 354.9 532.3

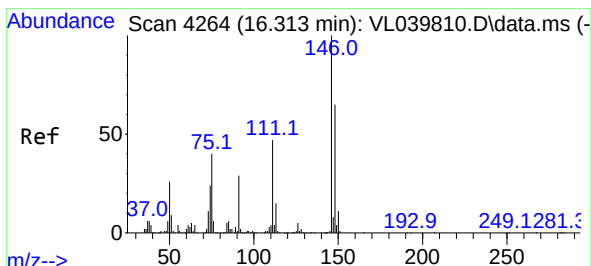
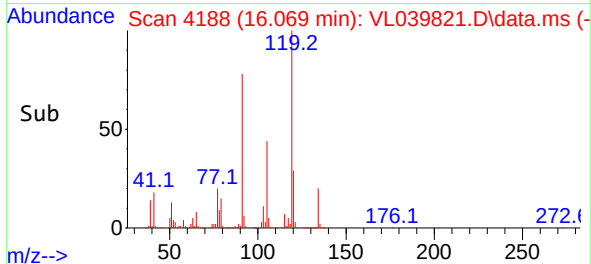
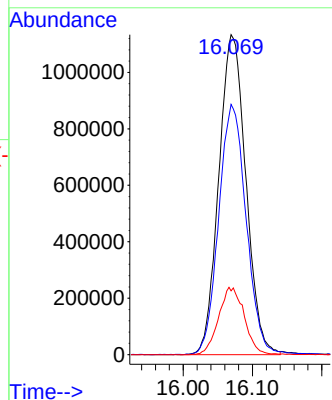
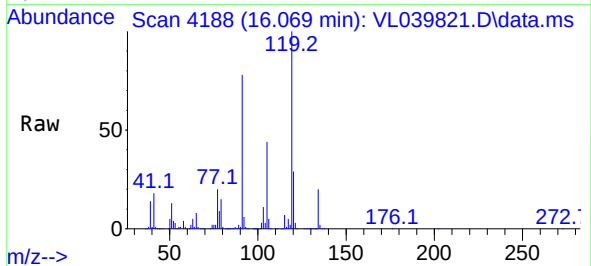




#65
tert-Butylbenzene
Concen: 6.586 ppbv
RT: 16.069 min Scan# 4191
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

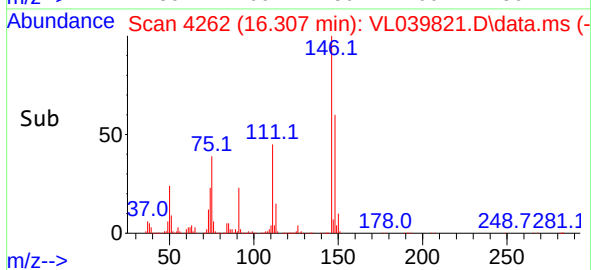
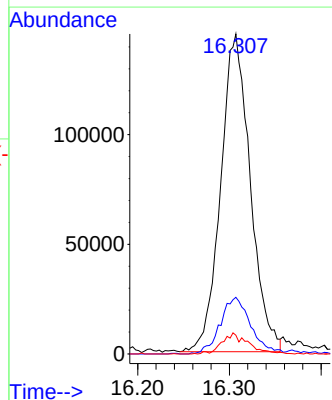
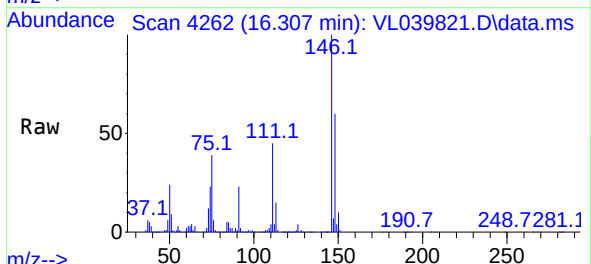
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

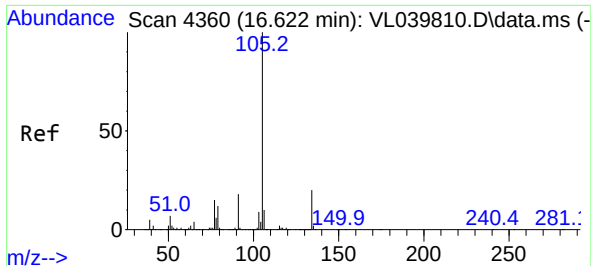
Tgt Ion:119 Resp: 3077312
Ion Ratio Lower Upper
119 100
91 79.6 63.7 95.5
134 20.1 16.2 24.4



#66
Benzyl Chloride
Concen: 5.980 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 91 Resp: 324866
Ion Ratio Lower Upper
91 100
126 19.2 15.6 23.4
128 6.0 4.9 7.3





#67

sec-Butylbenzene

Concen: 6.731 ppbv

RT: 16.616 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_1

ClientSampleId :

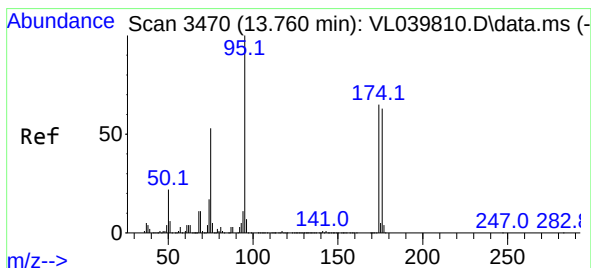
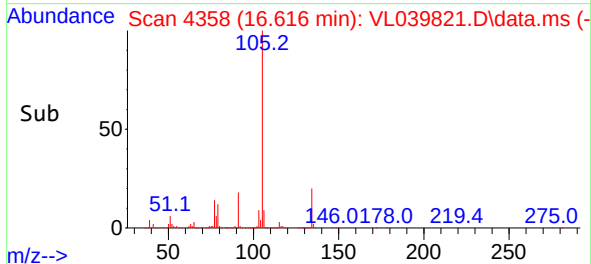
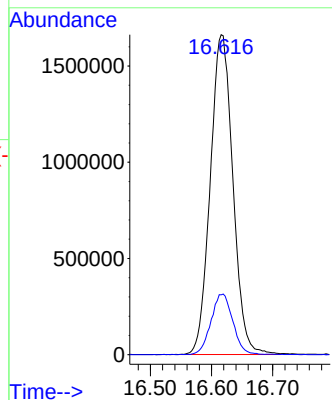
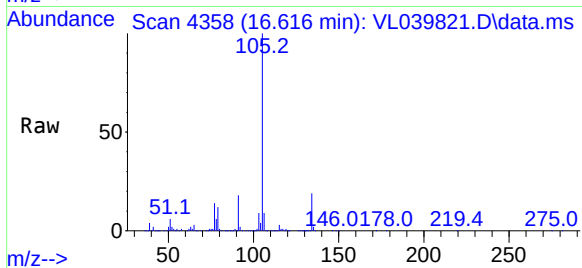
VL1103ABS01

Tgt Ion:105 Resp: 4281335

Ion Ratio Lower Upper

105 100

134 18.5 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 8.285 ppbv

RT: 13.754 min Scan# 3468

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

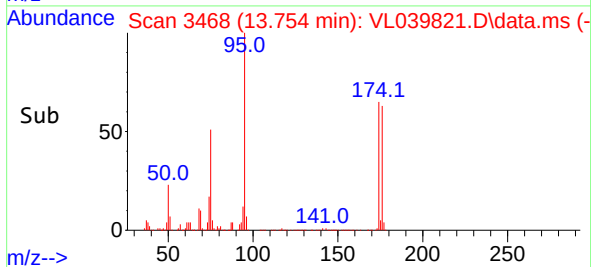
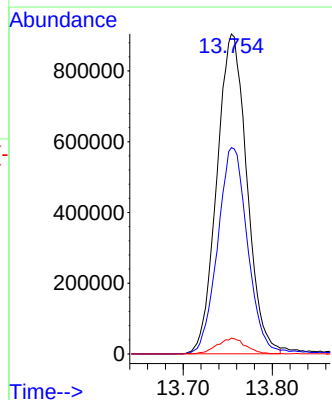
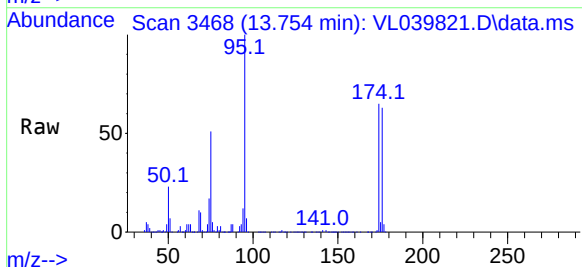
Tgt Ion: 95 Resp: 2115679

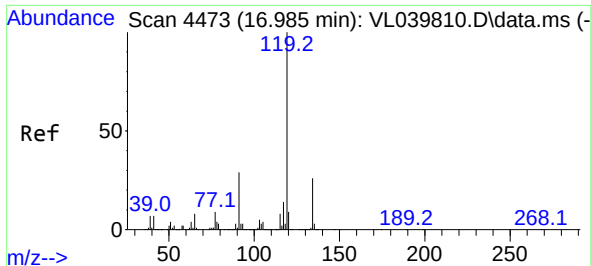
Ion Ratio Lower Upper

95 100

174 65.9 53.4 80.0

175 4.8 4.1 6.1

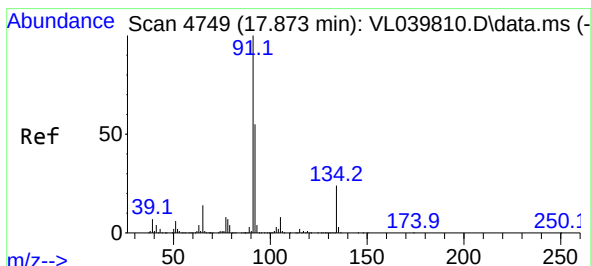
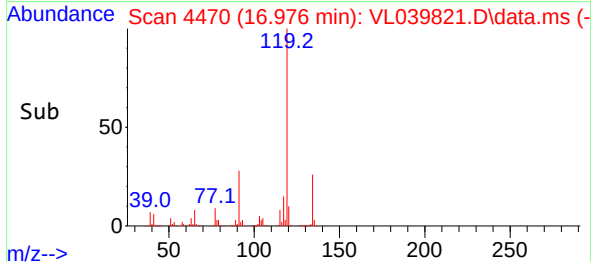
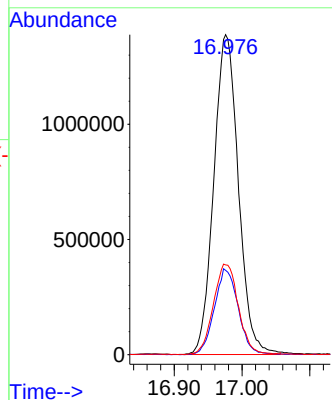
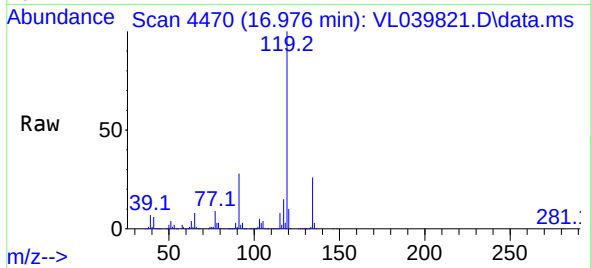




#69
p-Isopropyltoluene
Concen: 6.626 ppbv
RT: 16.976 min Scan# 4473
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

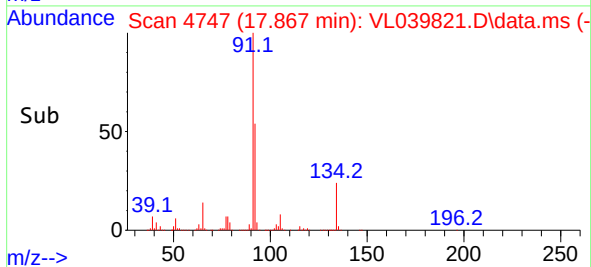
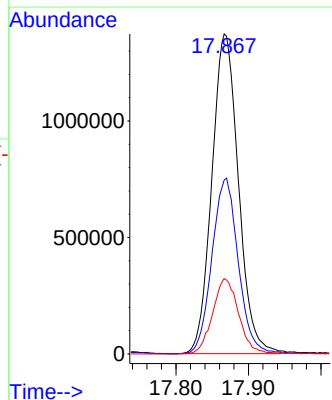
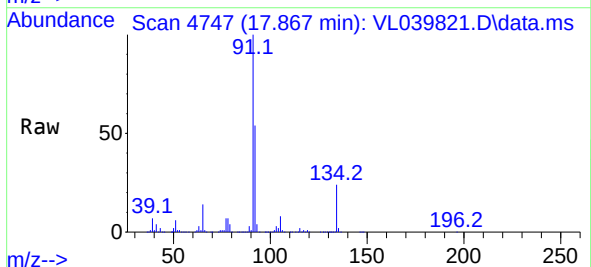
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

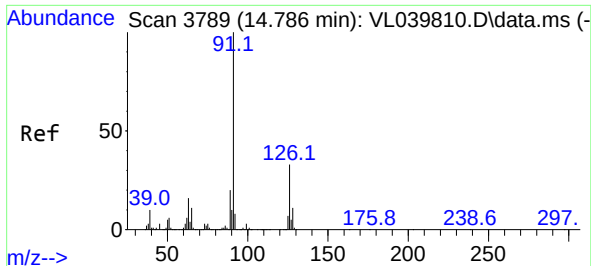
Tgt Ion:119 Resp: 3495850
Ion Ratio Lower Upper
119 100
134 26.0 21.0 31.6
91 28.8 22.8 34.2



#70
n-Butylbenzene
Concen: 6.858 ppbv
RT: 17.867 min Scan# 4747
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 91 Resp: 3497765
Ion Ratio Lower Upper
91 100
92 54.3 44.1 66.1
134 23.3 19.0 28.6

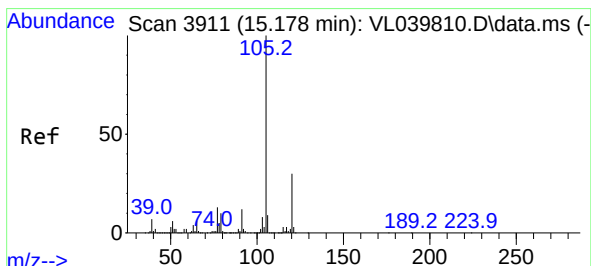
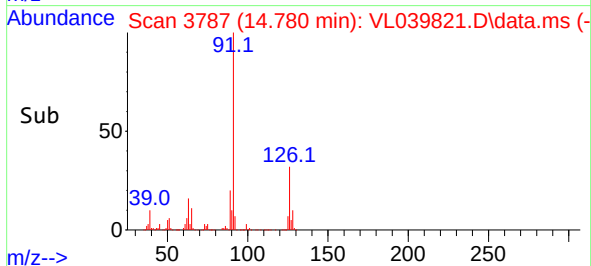
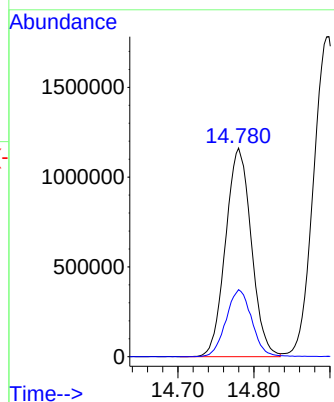
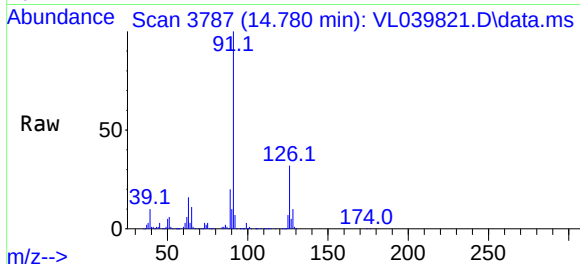




#71
2-Chlorotoluene
Concen: 6.835 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

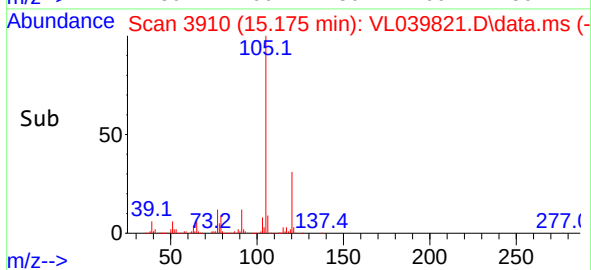
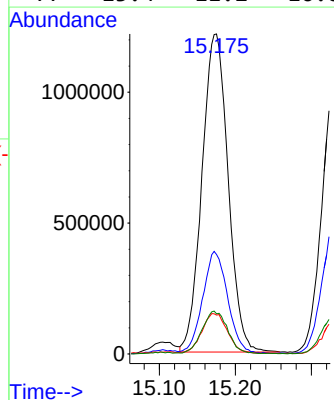
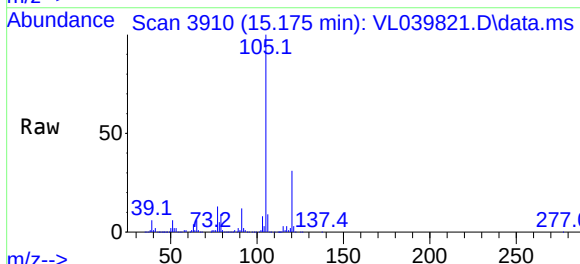
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

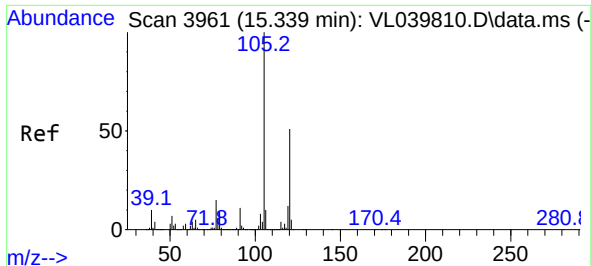
Tgt Ion: 91 Resp: 2733188
Ion Ratio Lower Upper
91 100
126 32.1 12.9 51.5



#72
4-Ethyltoluene
Concen: 7.073 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:105 Resp: 2905710
Ion Ratio Lower Upper
105 100
120 31.3 26.0 39.0
91 13.3 10.5 15.7
77 13.4 11.2 16.8

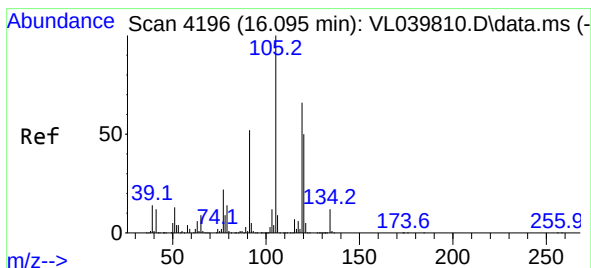
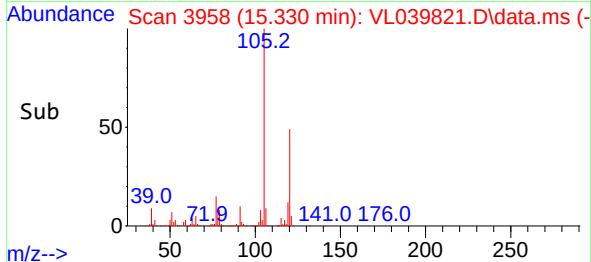
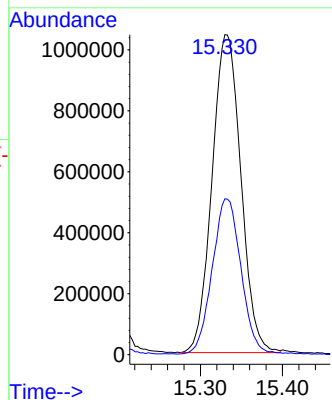
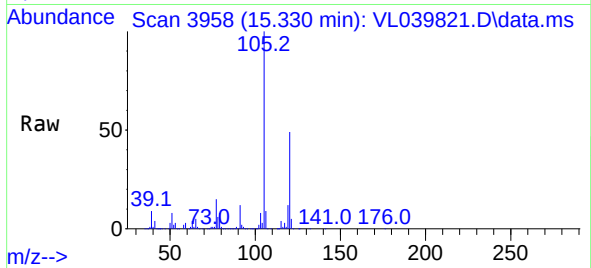




#73
1,3,5-Trimethylbenzene
Concen: 6.996 ppbv
RT: 15.330 min Scan# 3961
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

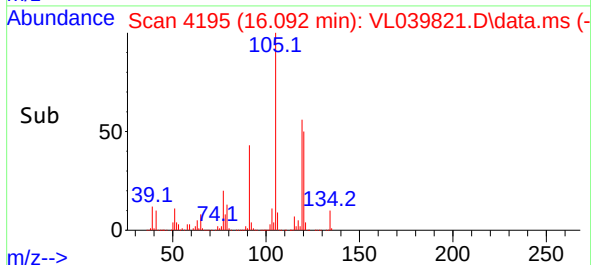
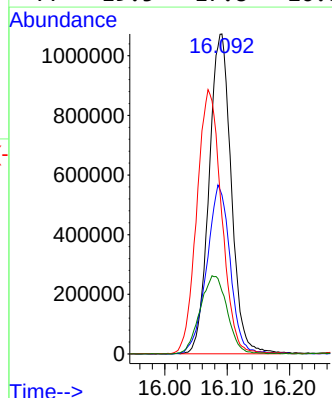
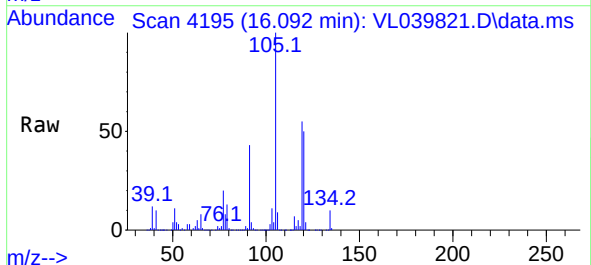
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

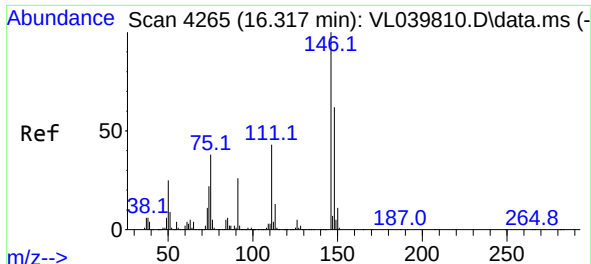
Tgt Ion:105 Resp: 2547780
Ion Ratio Lower Upper
105 100
120 48.8 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 6.833 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:105 Resp: 2643789
Ion Ratio Lower Upper
105 100
120 49.4 40.2 60.4
91 42.4 42.6 64.0#
77 19.5 17.8 26.8

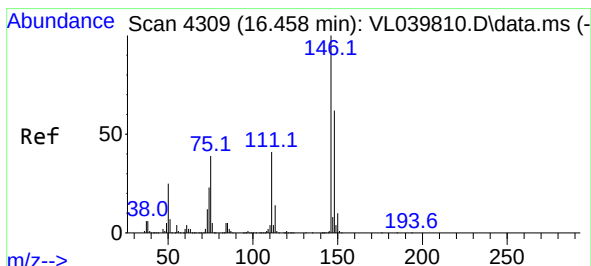
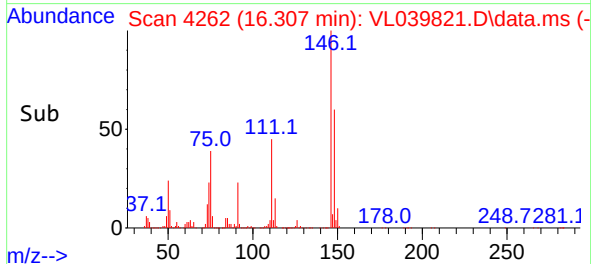
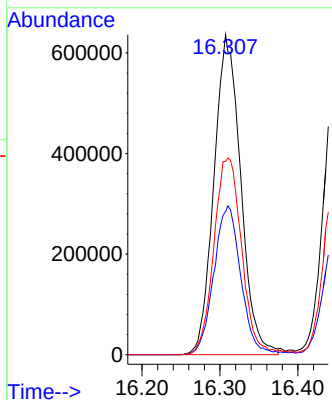
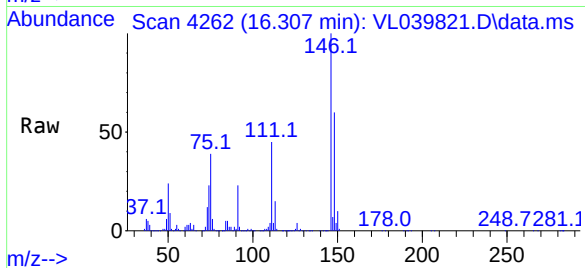




#75
1,3-Dichlorobenzene
Concen: 6.725 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

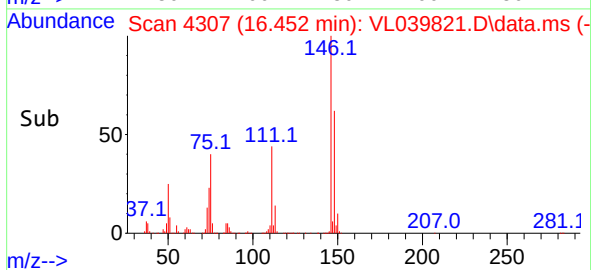
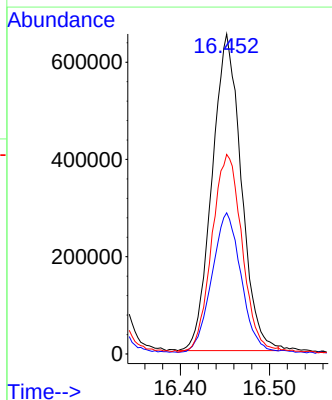
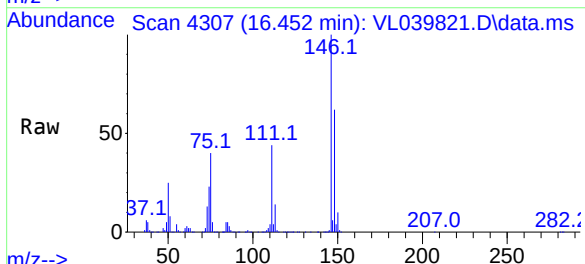
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

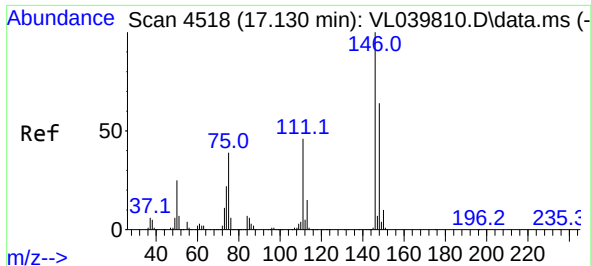
Tgt Ion:146 Resp: 1519213
Ion Ratio Lower Upper
146 100
111 47.1 22.9 68.8
148 64.2 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 6.668 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:146 Resp: 1478162
Ion Ratio Lower Upper
146 100
111 46.7 22.7 68.1
148 67.2 33.1 99.3

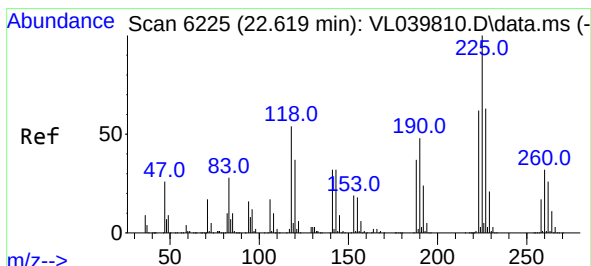
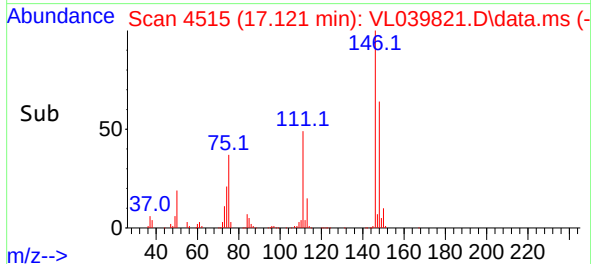
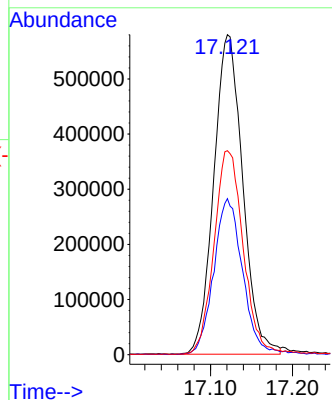
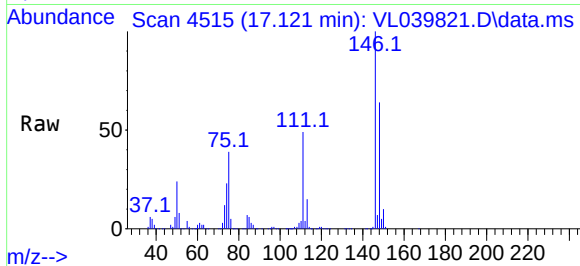




#77
1,2-Dichlorobenzene
Concen: 6.676 ppbv
RT: 17.121 min Scan# 4515
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

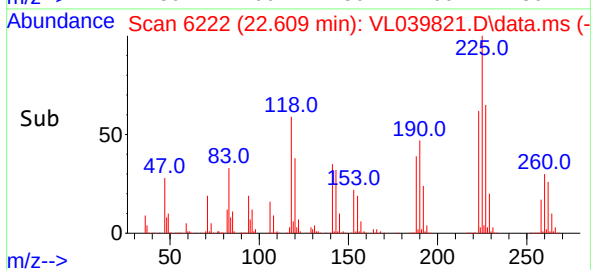
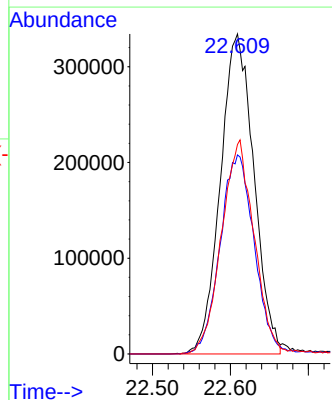
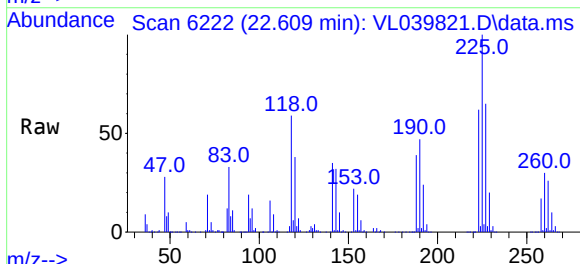
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

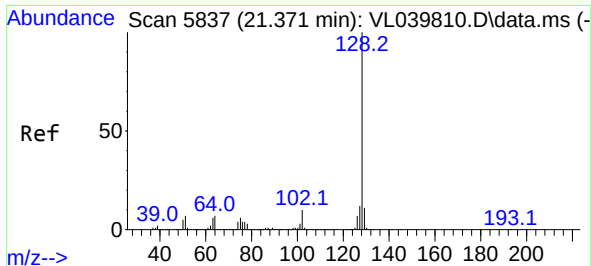
Tgt Ion:146 Resp: 1421753
Ion Ratio Lower Upper
146 100
111 48.9 23.9 71.8
148 65.0 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 6.324 ppbv
RT: 22.609 min Scan# 6222
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion:225 Resp: 997839
Ion Ratio Lower Upper
225 100
223 64.6 50.6 75.8
227 66.0 51.6 77.4

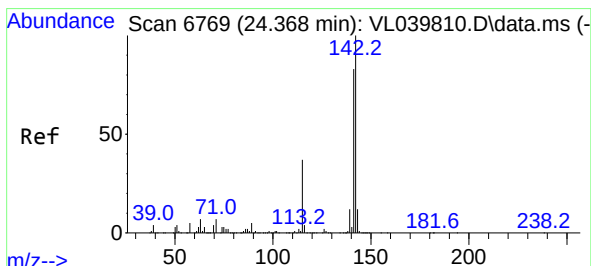
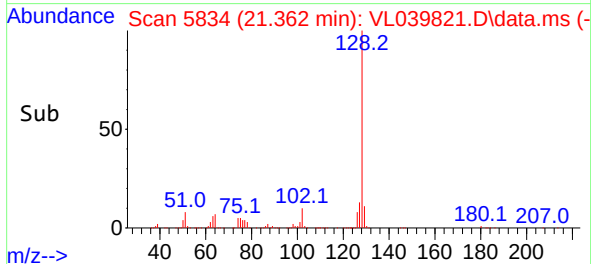
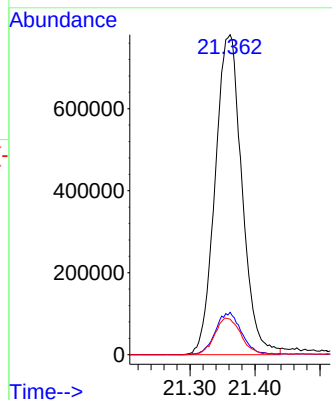
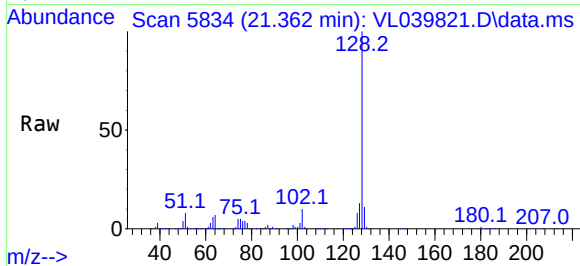




#79
Naphthalene
Concen: 7.937 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

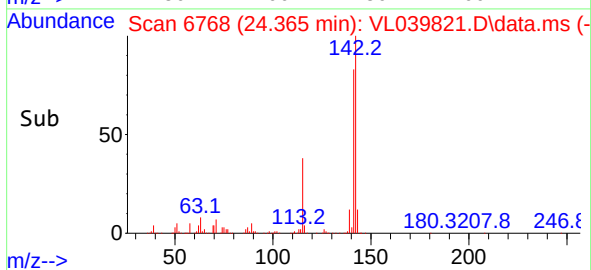
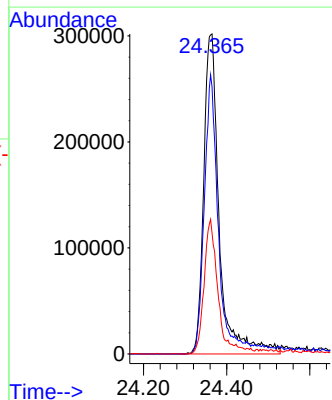
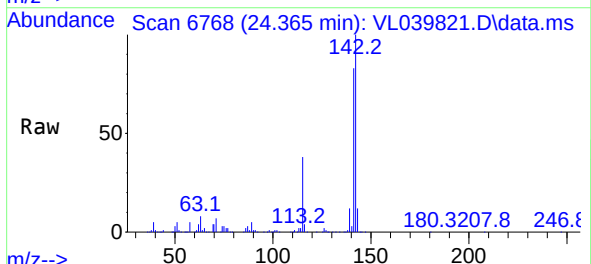
Instrument :
MSVOA_1
ClientSampleId :
VL1103ABS01

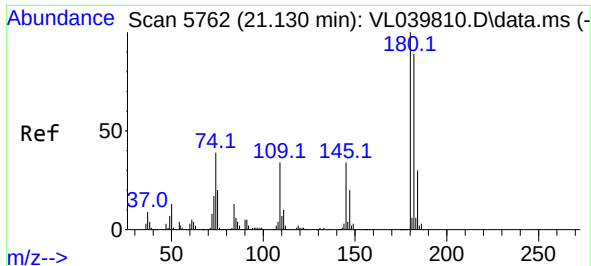
Tgt Ion:128 Resp: 2232685
Ion Ratio Lower Upper
128 100
127 13.2 9.8 14.6
129 11.1 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 6.583 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

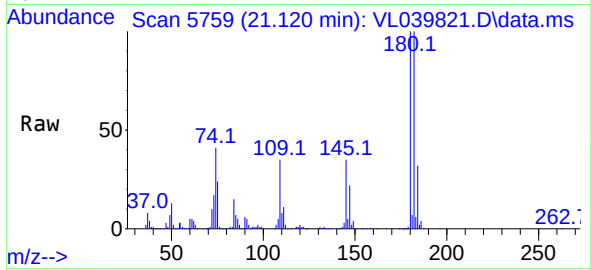
Tgt Ion:142 Resp: 785125
Ion Ratio Lower Upper
142 100
141 81.8 65.1 97.7
115 38.8 29.1 43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 7.316 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01



Tgt Ion:180 Resp: 1151169

Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.1	117.1
184	30.6	24.5	36.7

