

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040194.D
 Acq On : 21 Feb 2023 14:15
 Operator : SY/MD
 Sample : VL0221ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01

Quant Time: Feb 22 03:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	858046	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2239680	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	2626122	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1632856	7.561	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	75.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	1693755	10.591	ppbv	99
3) Chlorodifluoromethane	2.677	51	1015030	9.902	ppbv	100
4) Chloromethane	2.816	50	656883	10.202	ppbv	94
5) Vinyl Chloride	2.925	62	569582	11.009	ppbv	98
6) Bromomethane	3.124	94	185820	9.951	ppbv	95
7) Chloroethane	3.201	64	203994	9.942	ppbv	96
8) Dichlorotetrafluoroethane	2.861	85	1401935	10.174	ppbv	99
9) Propene	2.693	41	432017	10.340	ppbv	99
10) Heptane	7.600	43	1103682	11.098	ppbv	100
11) Trichlorofluoromethane	3.571	101	1423196	9.919	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.076	101	1075438	10.160	ppbv	100
13) Ethanol	3.253	45	19729	5.129	ppbv	81
14) Bromoethene	3.372	108	437193	10.770	ppbv	98
15) Acetone	3.475	43	945781	9.155	ppbv	99
16) 1,3-Butadiene	2.986	39	502957	10.661	ppbv	98
17) tert-Butyl alcohol	3.886	59	978066	10.381	ppbv	100
18) 1,1-Dichloroethene	3.889	96	472245	10.268	ppbv	99
19) Isopropyl Alcohol	3.581	45	459865	9.365	ppbv	100
20) Methylene Chloride	3.944	84	408257	7.592	ppbv	99
21) Allyl Chloride	4.005	41	707634	11.168	ppbv	98
22) trans-1,2-Dichloroethene	4.459	96	499809	10.494	ppbv	95
23) Vinyl Acetate	4.642	43	330750	10.550	ppbv	98
24) 1,1-Dichloroethane	4.578	63	999107	10.195	ppbv	98
25) Ethyl Acetate	5.221	43	2022723	10.533	ppbv	100
26) Hexane	5.227	57	863678	10.476	ppbv	98
27) Carbon Disulfide	4.134	76	1226618	11.726	ppbv	99
28) Methyl tert-Butyl Ether	4.600	73	943738	10.684	ppbv	99
29) Chloroform	5.291	83	1463394	10.338	ppbv	99
30) Cyclohexane	6.622	84	737593	11.394	ppbv	97
31) cis-1,2-Dichloroethene	5.095	61	873075	11.146	ppbv	95
32) 1,1,1-Trichloroethane	6.021	97	1452560	10.922	ppbv	99
34) 2-Butanone	4.803	43	1108261	10.031	ppbv	100
35) Carbon Tetrachloride	6.513	117	1509354	11.400	ppbv	100
36) Benzene	6.391	78	1856594	10.652	ppbv	99
37) 1,2-Dichloroethane	5.825	62	1117940	10.255	ppbv	99
38) Trichloroethene	7.317	130	1091541	11.365	ppbv	99
39) 1,2-Dichloropropane	7.095	63	703830	10.380	ppbv	99
40) 1,4-Dioxane	7.311	88	255760	9.430	ppbv	79
41) Tetrahydrofuran	5.574	42	698958	10.917	ppbv	100
42) Bromodichloromethane	7.272	83	1609882	10.700	ppbv	100
43) Methyl Methacrylate	7.497	69	738375	11.449	ppbv	98
44) 2,2,4-Trimethylpentane	7.349	57	3038120	10.442	ppbv	100
45) t-1,3-Dichloropropene	8.735	75	696181	12.169	ppbv	98

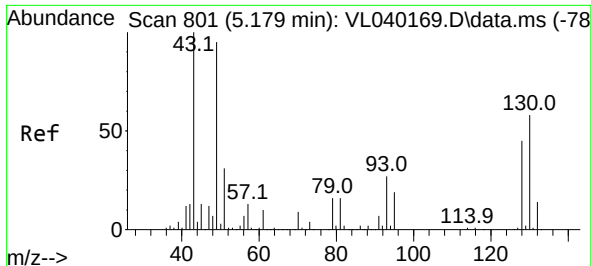
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	941613	11.814	ppbv	96
47) 1,1,2-Trichloroethane	8.928	97	769918	10.498	ppbv	98
48) Dibromochloromethane	9.738	129	1319447	11.249	ppbv	99
49) Bromoform	12.439	173	1046626	11.432	ppbv	100
50) 4-Methyl-2-Pentanone	8.208	43	1868041	10.890	ppbv	100
51) 2-Hexanone	9.577	43	1439614	10.912	ppbv	99
52) Tetrachloroethene	10.645	164	622102	11.430	ppbv	96
53) Toluene	9.249	91	2104462	11.273	ppbv	100
54) 1,2-Dibromoethane	10.040	107	853253	11.182	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.539	131	938100	8.510	ppbv	94
57) Chlorobenzene	11.558	112	1608121	8.382	ppbv	97
58) Ethyl Benzene	12.121	91	2881488	9.031	ppbv	99
59) m/p-Xylene	12.400	91	2750409	9.732	ppbv #	47
60) o-Xylene	13.092	91	2355338	8.662	ppbv	99
61) Styrene	12.931	104	1356014	9.498	ppbv	100
62) Isopropylbenzene	14.063	105	3315184	8.494	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.079	83	779487	7.954	ppbv	100
64) n-propylbenzene	14.947	120	837539	8.670	ppbv	99
65) tert-Butylbenzene	16.124	119	2879342	8.486	ppbv	99
66) Benzyl Chloride	16.362	91	189387	8.388	ppbv	99
67) sec-Butylbenzene	16.670	105	4052801	8.329	ppbv	100
69) p-Isopropyltoluene	17.027	119	3256433	8.442	ppbv	99
70) n-Butylbenzene	17.918	91	3470395	8.289	ppbv	100
71) 2-Chlorotoluene	14.834	91	2532481	8.483	ppbv	100
72) 4-Ethyltoluene	15.223	105	2641370	8.787	ppbv	98
73) 1,3,5-Trimethylbenzene	15.381	105	2350343	8.403	ppbv	100
74) 1,2,4-Trimethylbenzene	16.143	105	2537429	8.259	ppbv	95
75) 1,3-Dichlorobenzene	16.365	146	1380747	8.212	ppbv	99
76) 1,4-Dichlorobenzene	16.506	146	1357714	8.240	ppbv	99
77) 1,2-Dichlorobenzene	17.175	146	1330982	7.969	ppbv	100
78) Hexachloro-1,3-Butadiene	22.670	225	830186	7.235	ppbv	100
79) Naphthalene	21.419	128	1618818	9.379	ppbv	98
80) Naphthalene,2-methyl-	24.406	142	397795	8.104	ppbv	99
81) 1,2,4-Trichlorobenzene	21.175	180	899110	8.324	ppbv	98

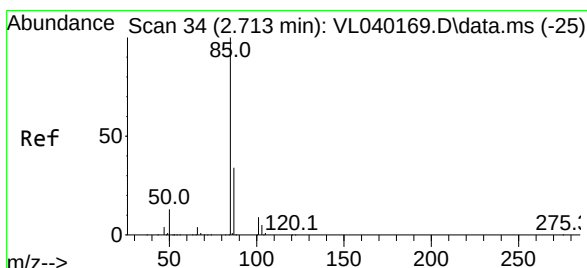
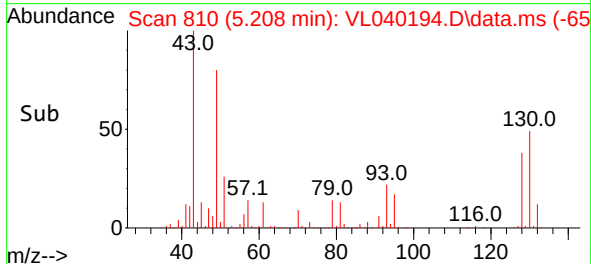
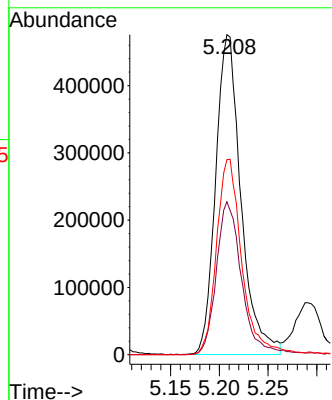
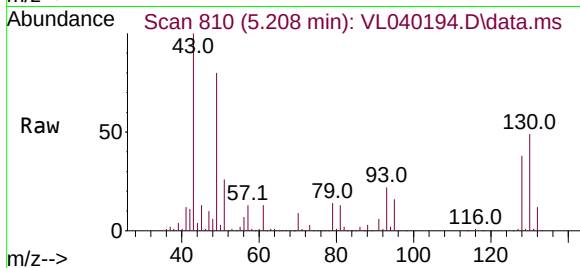
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

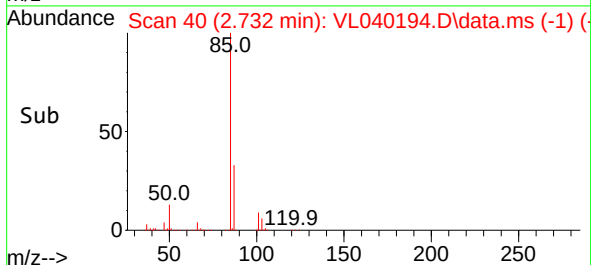
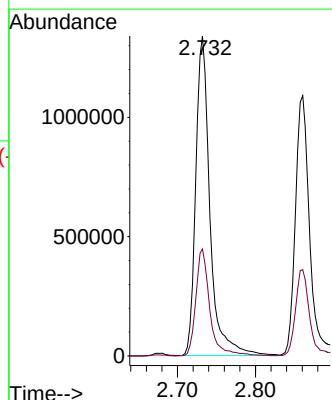
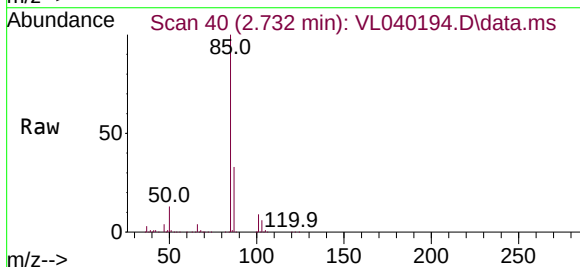
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MSVOA_1
ClientSampleId :
VL0221ABS01

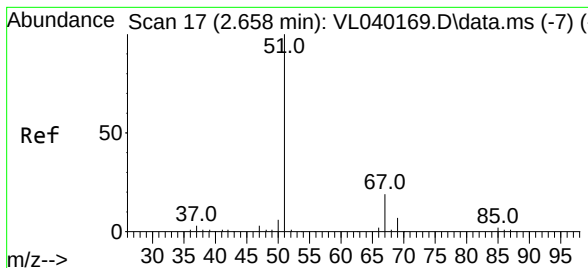
Tgt Ion: 49 Resp: 858046
Ion Ratio Lower Upper
49 100
128 48.6 24.1 72.3
130 62.1 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 10.591 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 85 Resp: 1693755
Ion Ratio Lower Upper
85 100
87 33.5 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.902 ppbv

RT: 2.677 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

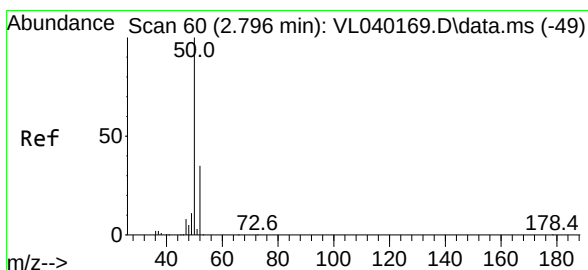
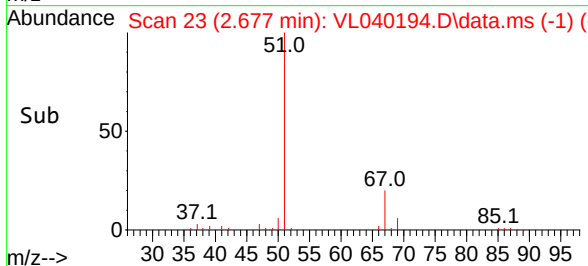
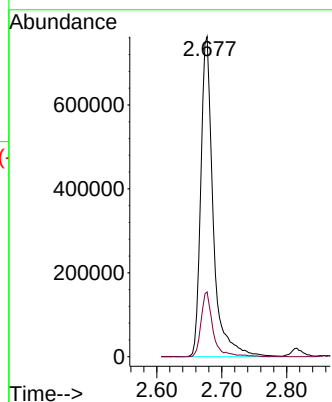
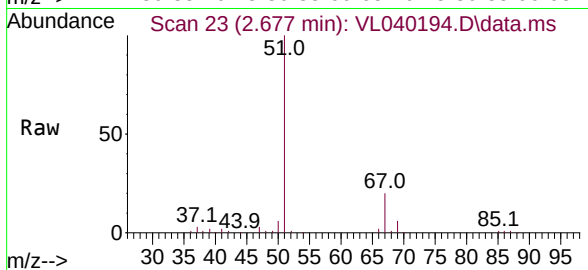
VL0221ABS01

Tgt Ion: 51 Resp: 1015030

Ion Ratio Lower Upper

51 100

67 19.5 15.4 23.2



#4

Chloromethane

Concen: 10.202 ppbv

RT: 2.816 min Scan# 66

Delta R.T. 0.003 min

Lab File: VL040194.D

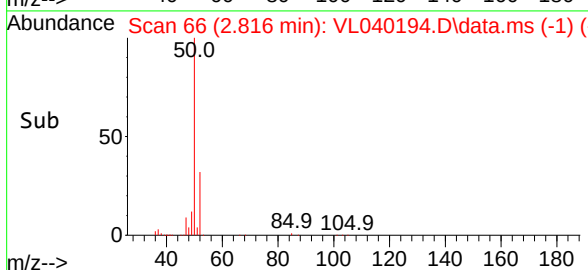
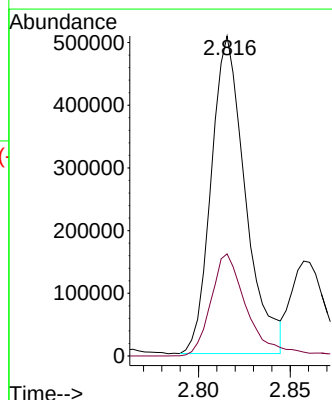
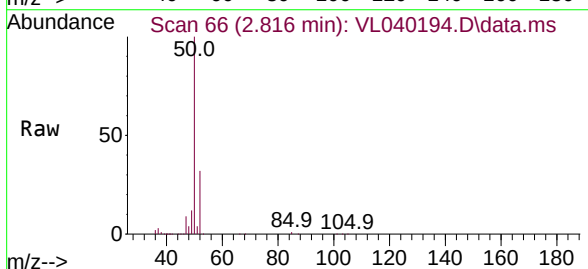
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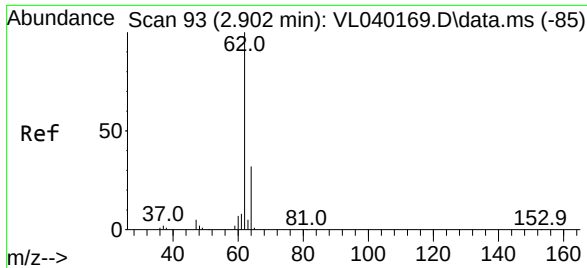
Tgt Ion: 50 Resp: 656883

Ion Ratio Lower Upper

50 100

52 32.1 28.3 42.5

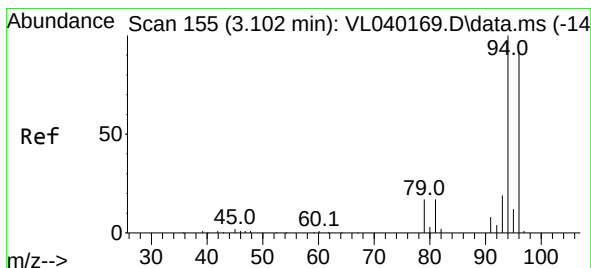
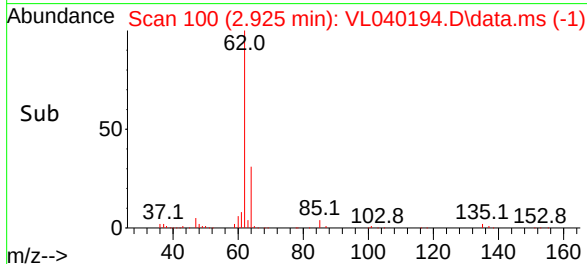
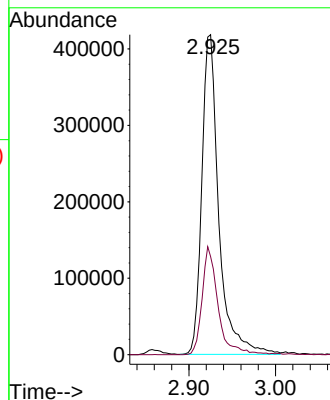
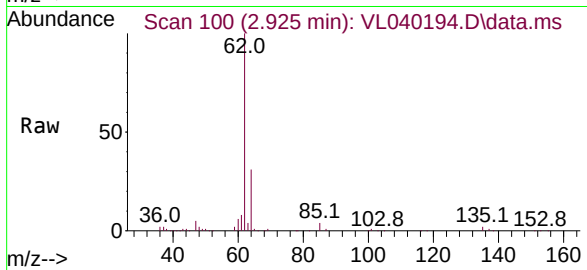




#5
 Vinyl Chloride
 Concen: 11.009 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

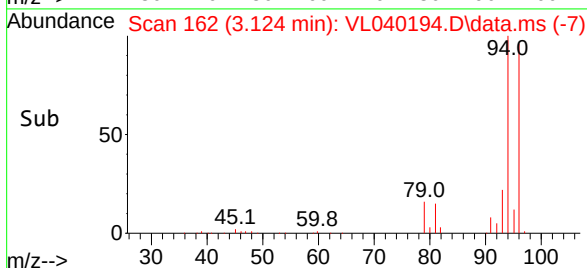
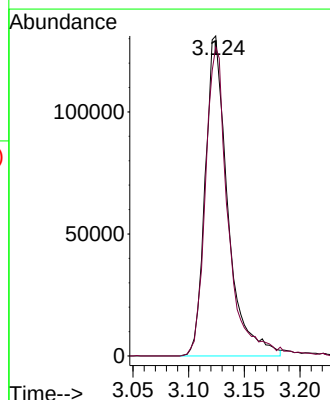
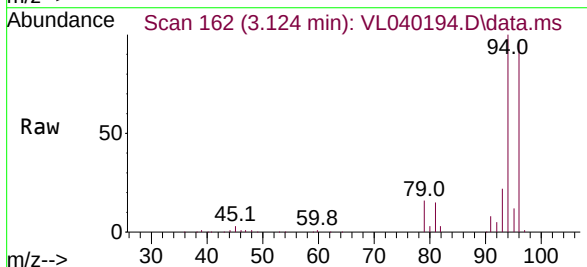
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0221ABS01

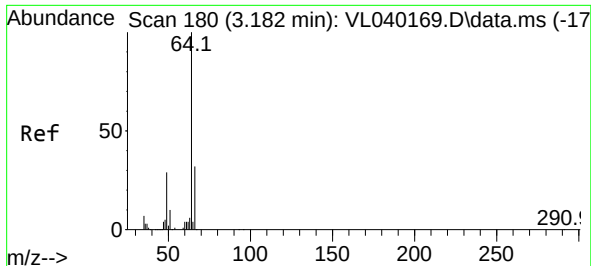
Tgt Ion: 62 Resp: 569582
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.6 38.4



#6
 Bromomethane
 Concen: 9.951 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Tgt Ion: 94 Resp: 185820
 Ion Ratio Lower Upper
 94 100
 96 96.6 73.4 110.2

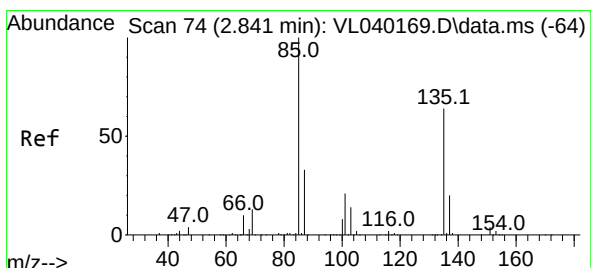
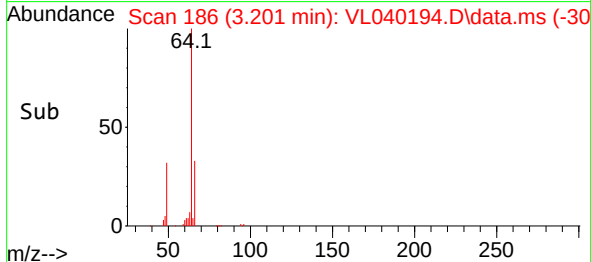
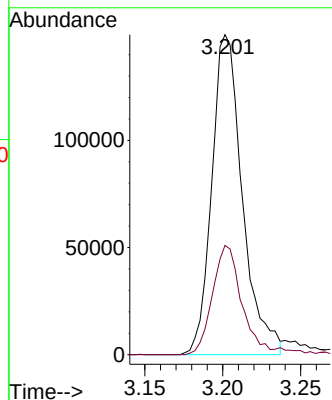
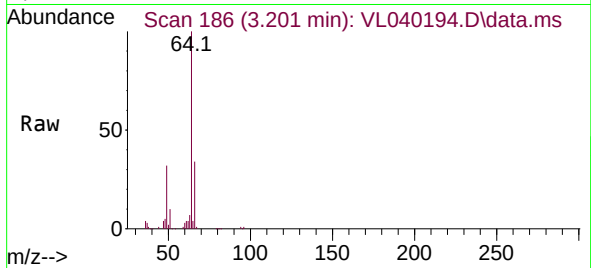




#7
Chloroethane
Concen: 9.942 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

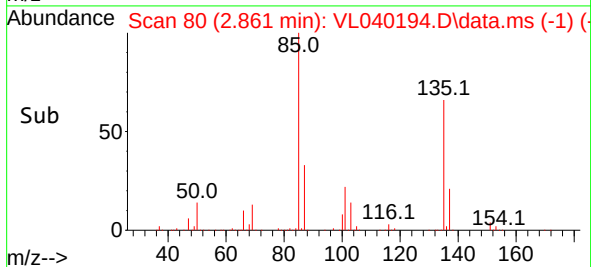
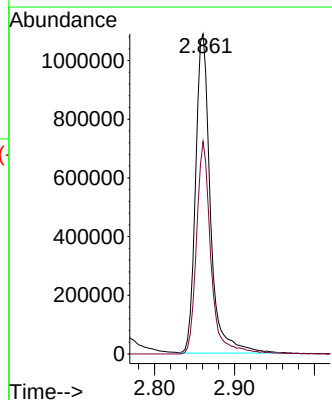
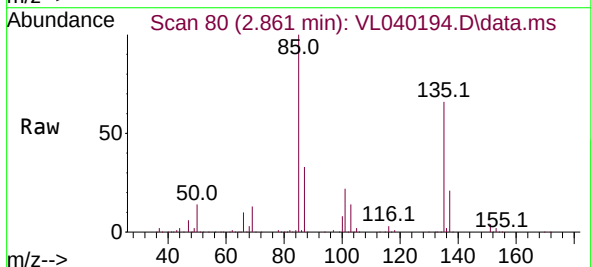
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ClientSampleId :
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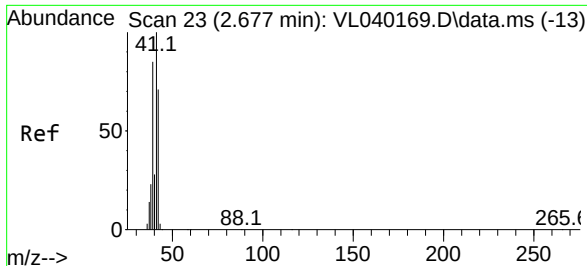
Tgt Ion: 64 Resp: 203994
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 10.174 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 85 Resp: 1401935
Ion Ratio Lower Upper
85 100
135 65.5 51.5 77.3

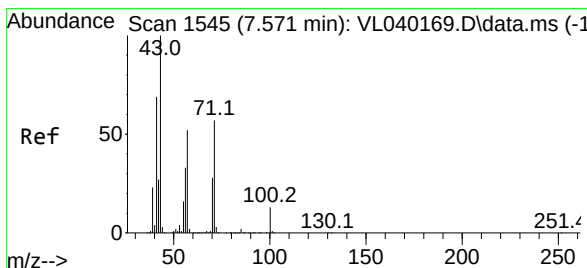
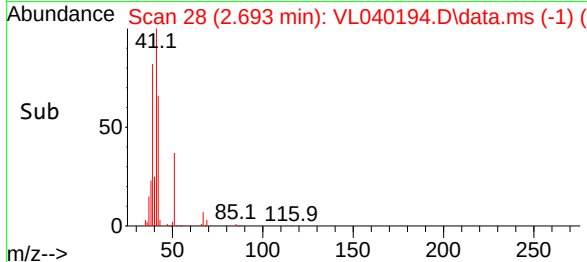
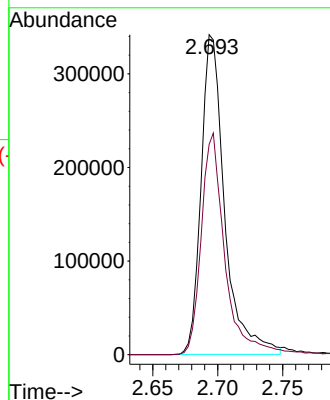
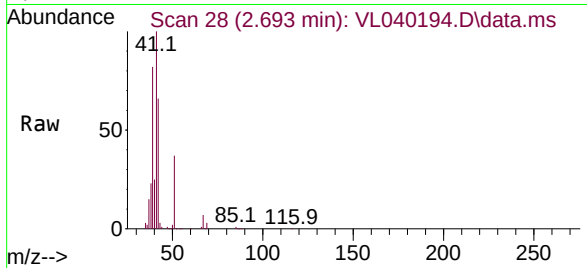




#9
Propene
Concen: 10.340 ppbv
RT: 2.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

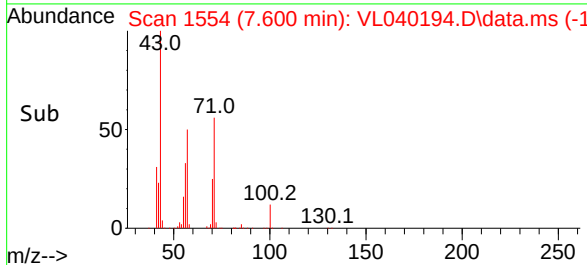
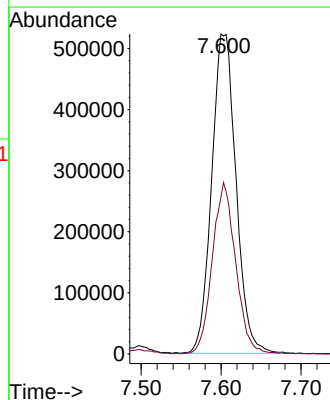
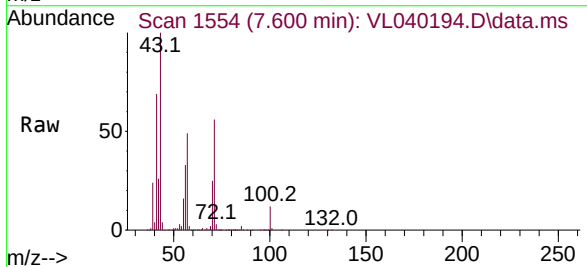
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MSVOA_L
ClientSampleId :
VL0221ABS01

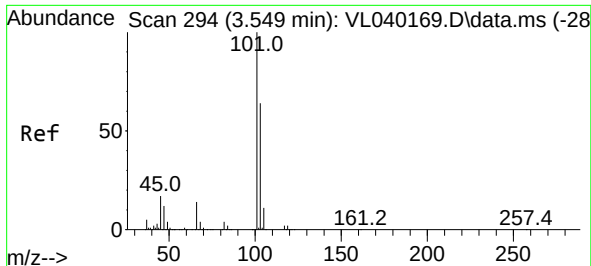
Tgt Ion: 41 Resp: 432017
Ion Ratio Lower Upper
41 100
42 70.2 56.9 85.3



#10
Heptane
Concen: 11.098 ppbv
RT: 7.600 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 43 Resp: 1103682
Ion Ratio Lower Upper
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57 51.7 41.4 62.2

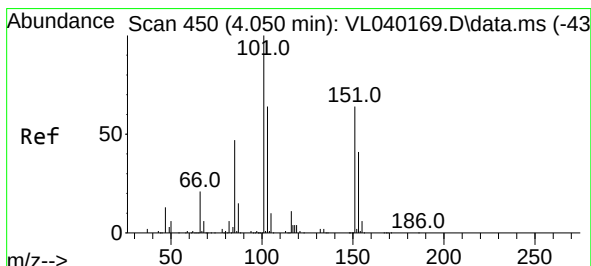
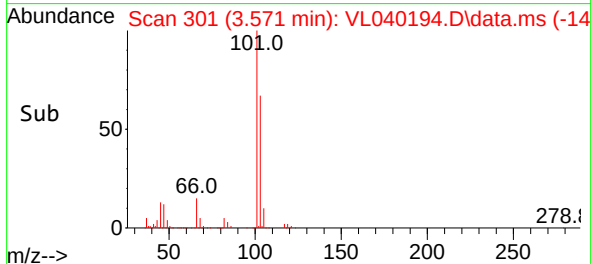
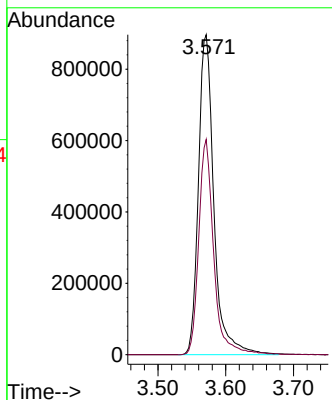
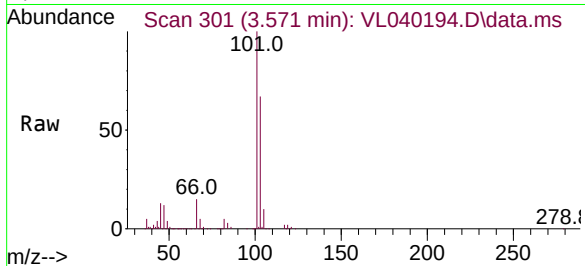




#11
 Trichlorofluoromethane
 Concen: 9.919 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

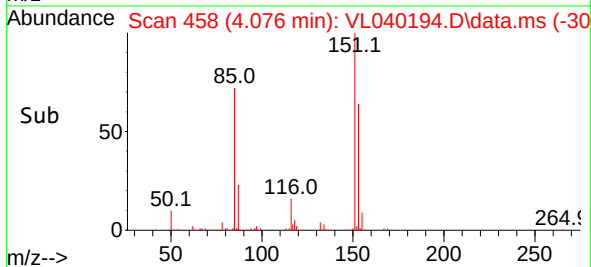
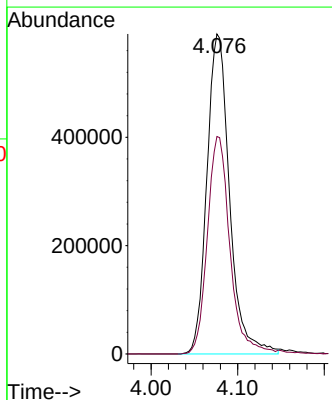
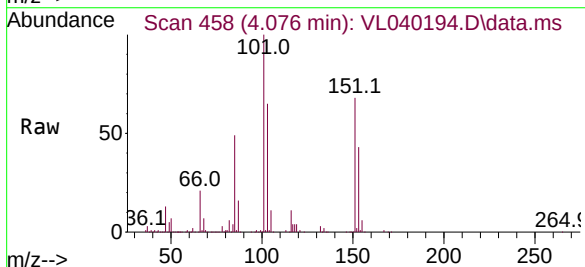
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01

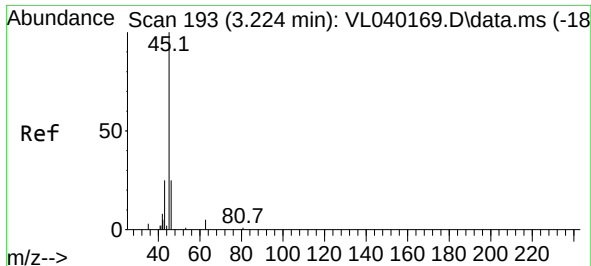
Tgt Ion:101 Resp: 1423196
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.160 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Tgt Ion:101 Resp: 1075438
 Ion Ratio Lower Upper
 101 100
 151 68.3 54.7 82.1

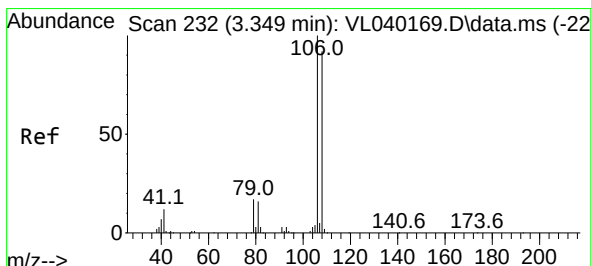
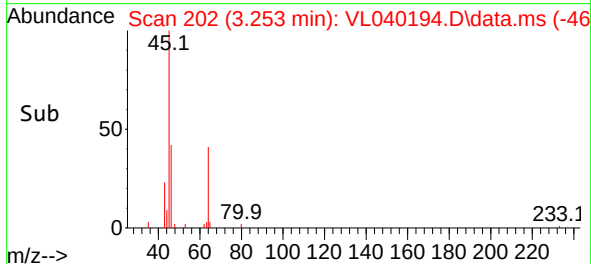
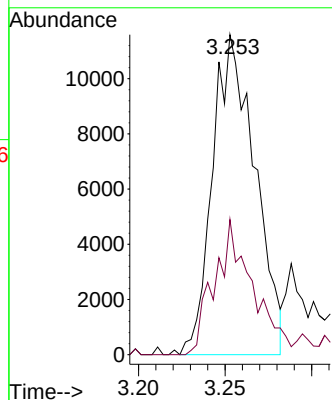
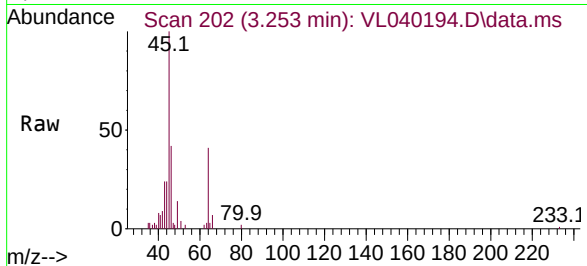




#13
 Ethanol
 Concen: 5.129 ppbv
 RT: 3.253 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

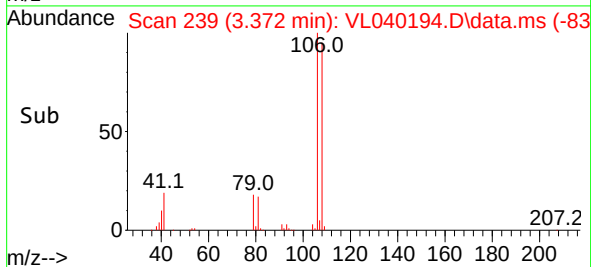
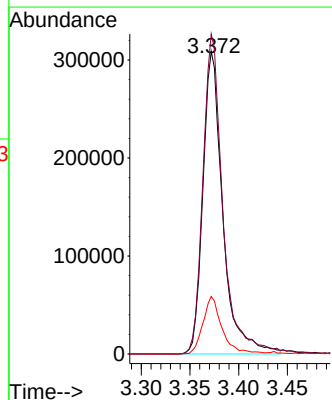
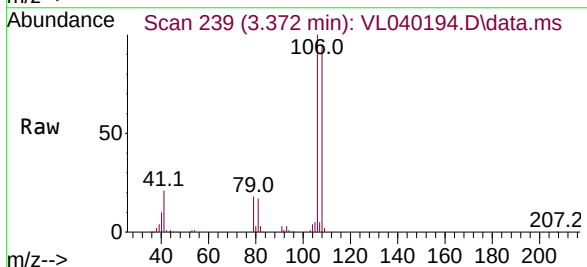
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01

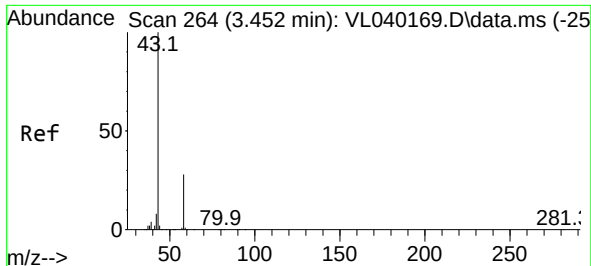
Tgt Ion: 45 Resp: 19729
 Ion Ratio Lower Upper
 45 100
 46 43.7 13.3 53.1



#14
 Bromoethene
 Concen: 10.770 ppbv
 RT: 3.372 min Scan# 239
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Tgt Ion: 108 Resp: 437193
 Ion Ratio Lower Upper
 108 100
 106 107.1 87.1 130.7
 79 19.0 15.4 23.2

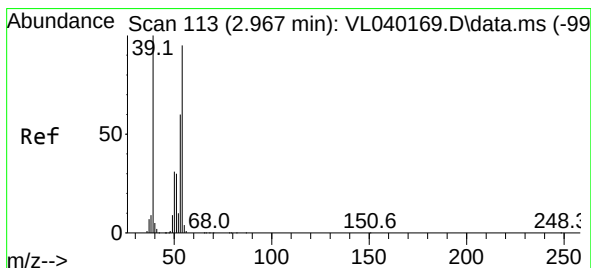
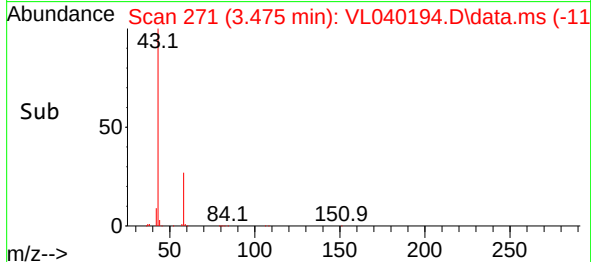
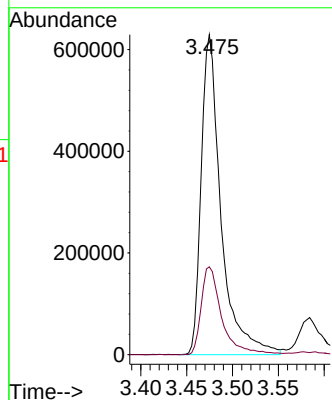
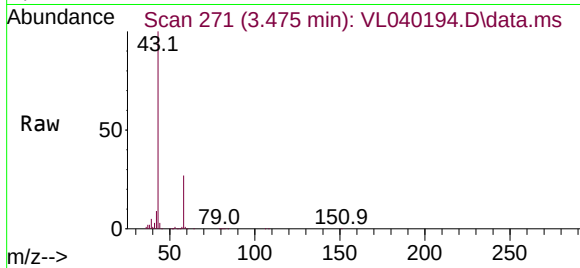




#15
Acetone
Concen: 9.155 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

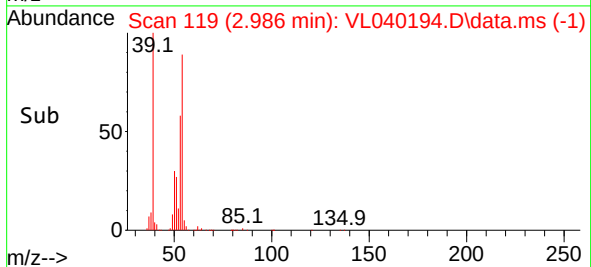
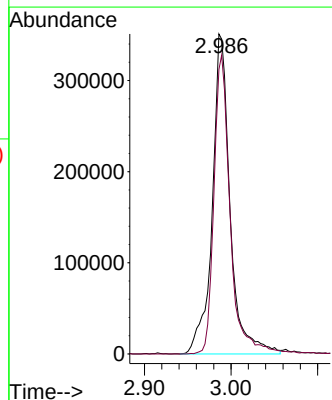
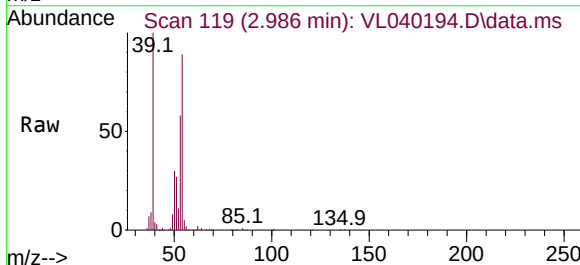
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

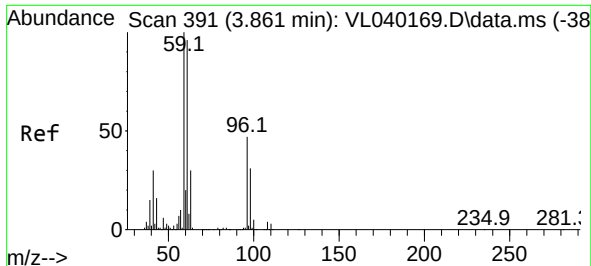
Tgt Ion: 43 Resp: 945781
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6



#16
1,3-Butadiene
Concen: 10.661 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 39 Resp: 502957
Ion Ratio Lower Upper
39 100
54 85.5 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.381 ppbv

RT: 3.886 min Scan# 391

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

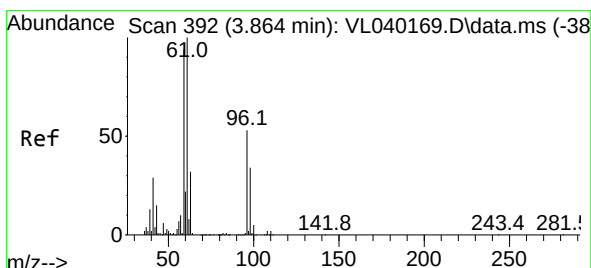
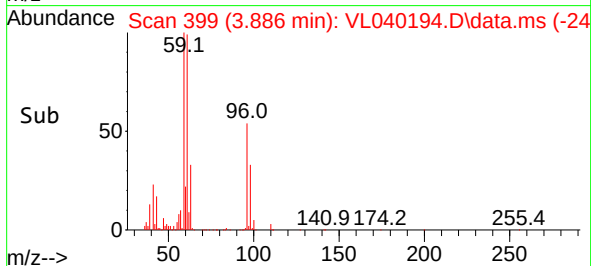
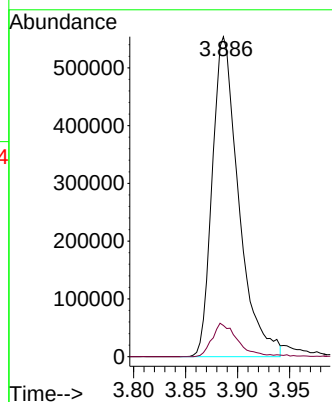
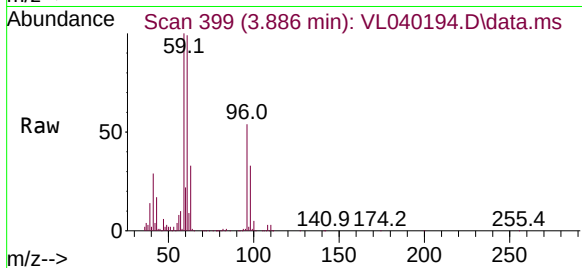
VL0221ABS01

Tgt Ion: 59 Resp: 978066

Ion Ratio Lower Upper

59 100

57 10.5 8.5 12.7



#18

1,1-Dichloroethene

Concen: 10.268 ppbv

RT: 3.889 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

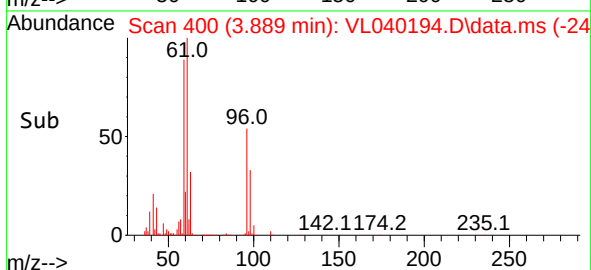
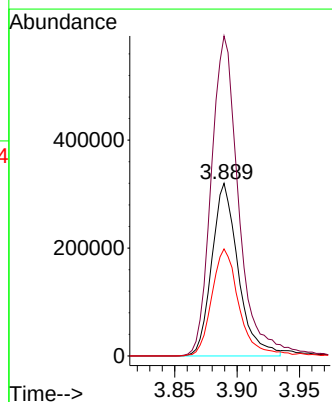
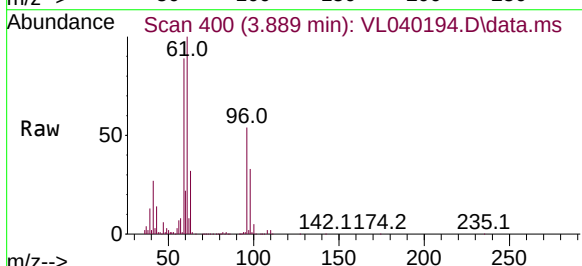
Tgt Ion: 96 Resp: 472245

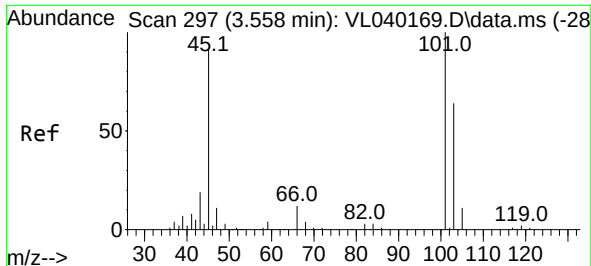
Ion Ratio Lower Upper

96 100

61 185.3 149.6 224.4

98 62.0 51.1 76.7

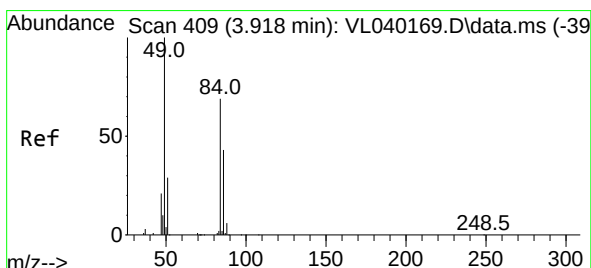
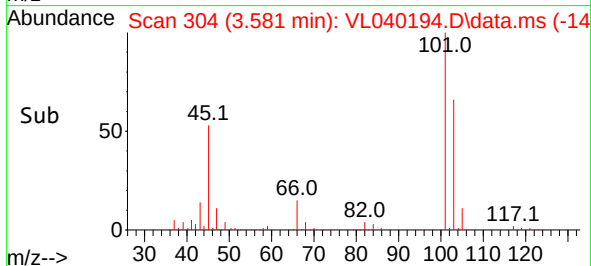
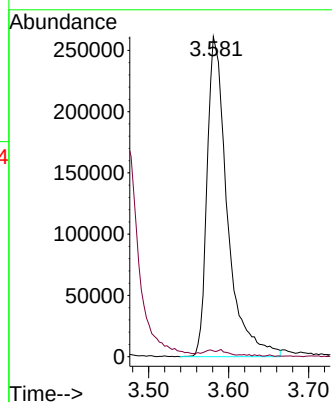
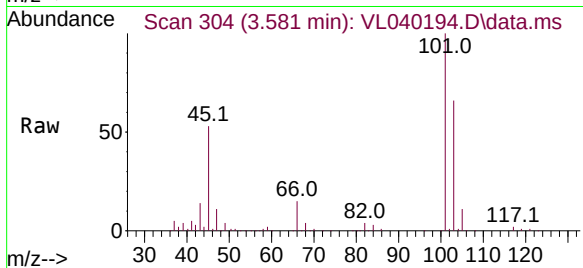




#19
Isopropyl Alcohol
Concen: 9.365 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

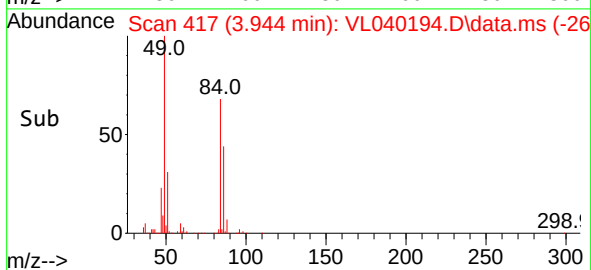
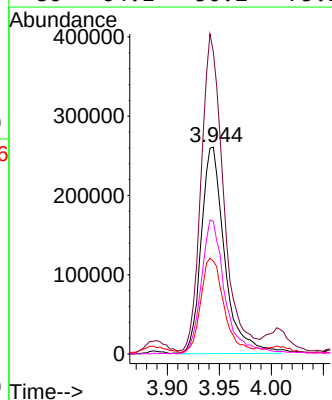
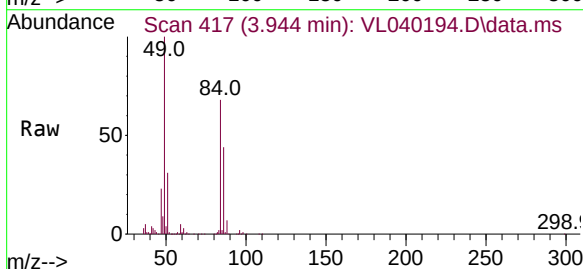
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

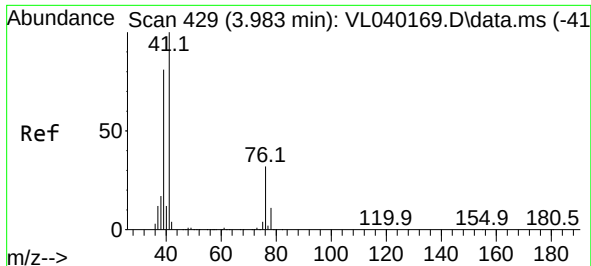
Tgt Ion: 45 Resp: 459865
Ion Ratio Lower Upper
45 100
58 3.2 2.6 3.8



#20
Methylene Chloride
Concen: 7.592 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 84 Resp: 408257
Ion Ratio Lower Upper
84 100
49 144.9 115.5 173.3
51 44.3 33.1 49.7
86 64.1 50.2 75.2





#21

Allyl Chloride

Concen: 11.168 ppbv

RT: 4.005 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

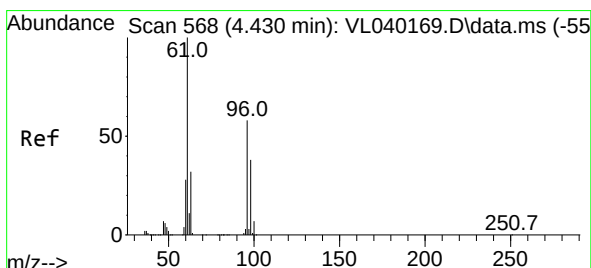
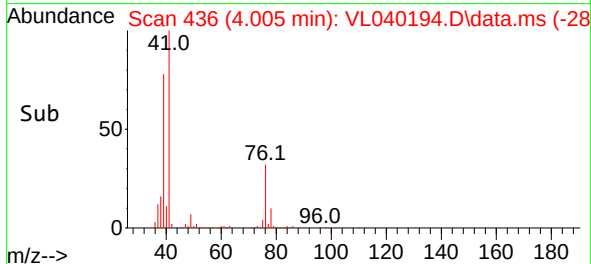
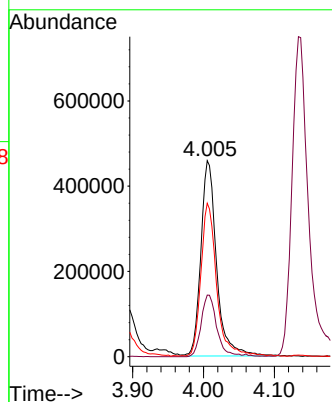
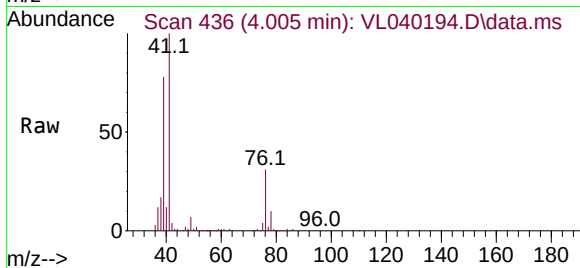
Tgt Ion: 41 Resp: 707634

Ion Ratio Lower Upper

41 100

76 31.7 25.5 38.3

39 78.5 64.5 96.7



#22

trans-1,2-Dichloroethene

Concen: 10.494 ppbv

RT: 4.459 min Scan# 577

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

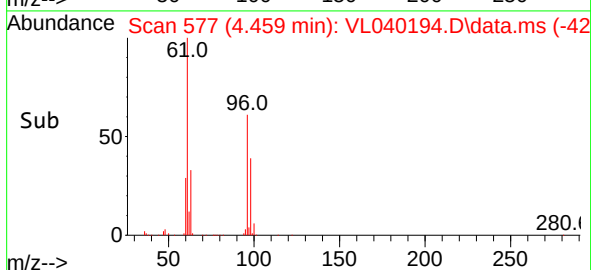
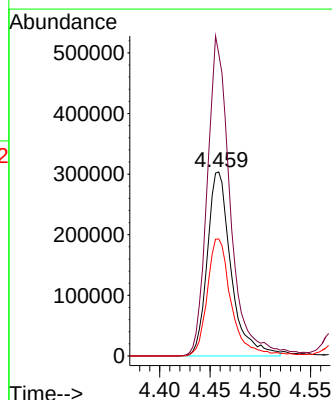
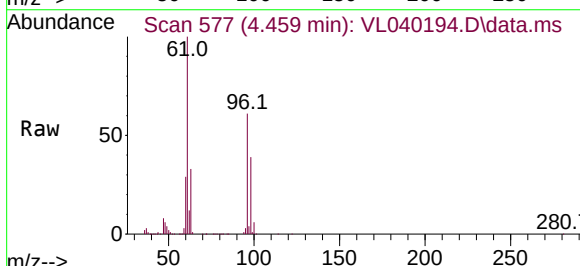
Tgt Ion: 96 Resp: 499809

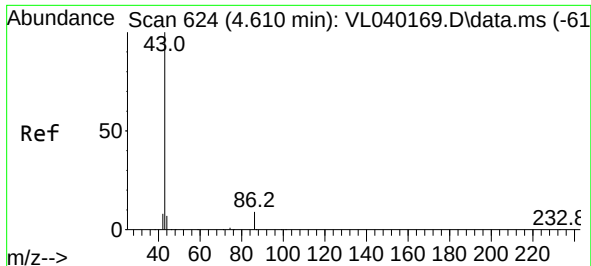
Ion Ratio Lower Upper

96 100

61 164.1 137.5 206.3

98 63.6 52.8 79.2



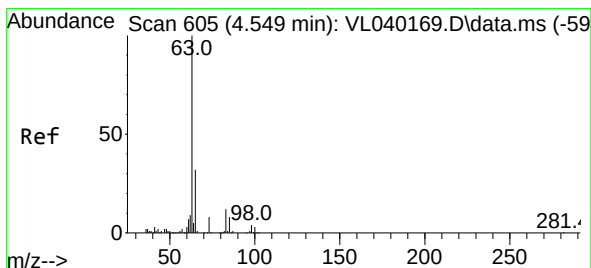
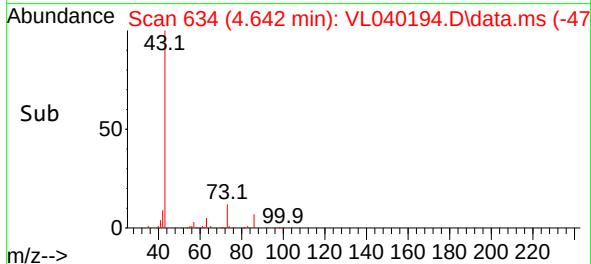
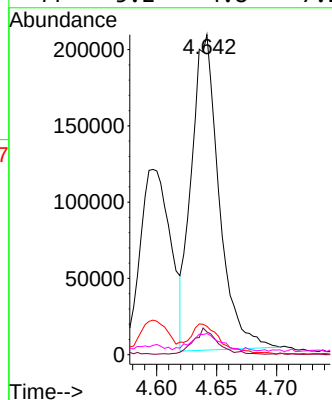
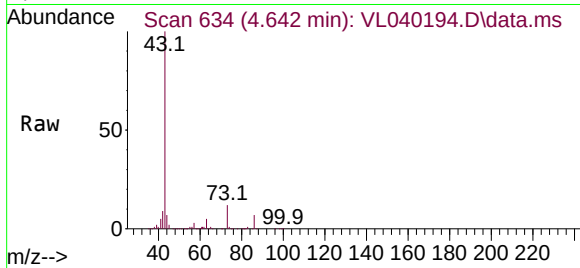


#23
 Vinyl Acetate
 Concen: 10.550 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0221ABS01

Tgt Ion: 43 Resp: 330750

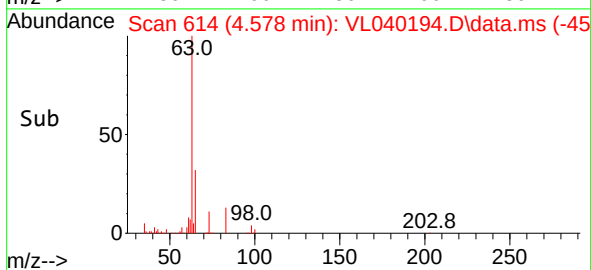
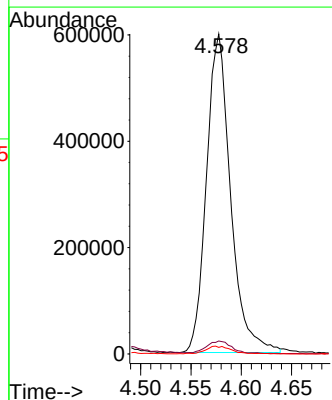
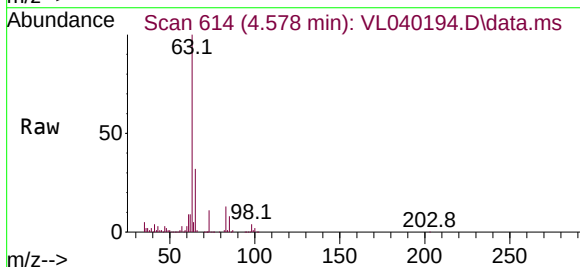
Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.6	8.4
42	8.8	7.6	11.4
44	5.2	4.8	7.2

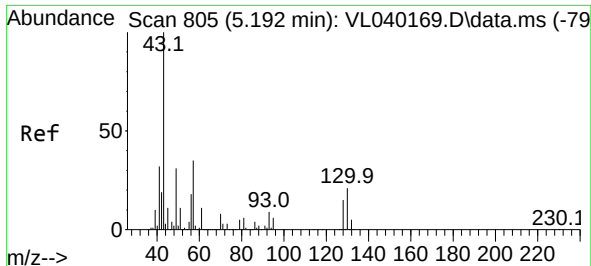


#24
 1,1-Dichloroethane
 Concen: 10.195 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Tgt Ion: 63 Resp: 999107

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.3	6.8
100	2.0	1.4	4.0





#25

Ethyl Acetate

Concen: 10.533 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion: 43 Resp: 2022723

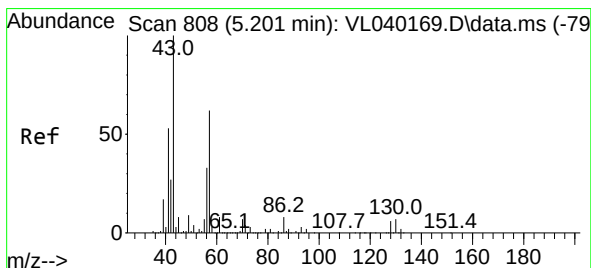
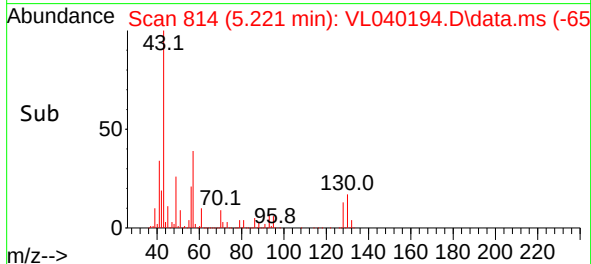
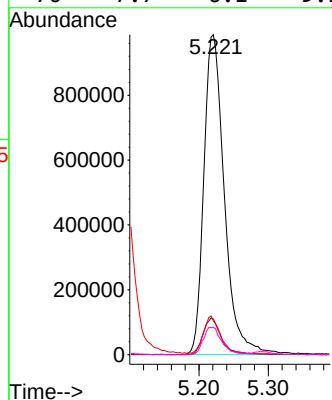
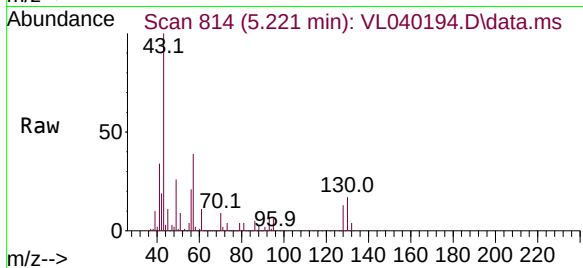
Ion Ratio Lower Upper

43 100

45 10.3 8.3 12.5

61 10.6 8.4 12.6

70 7.7 6.1 9.1



#26

Hexane

Concen: 10.476 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Tgt Ion: 57 Resp: 863678

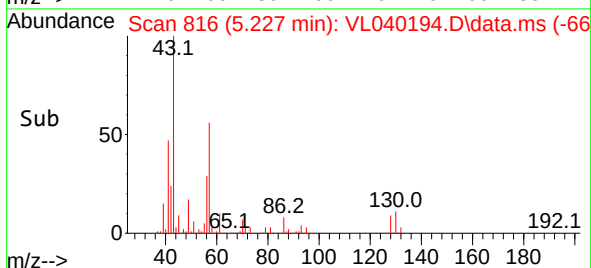
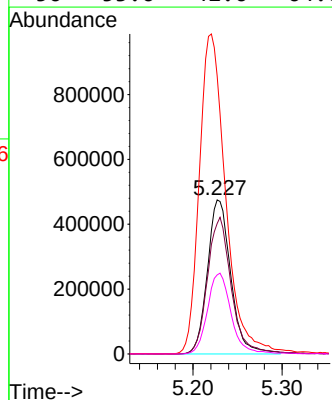
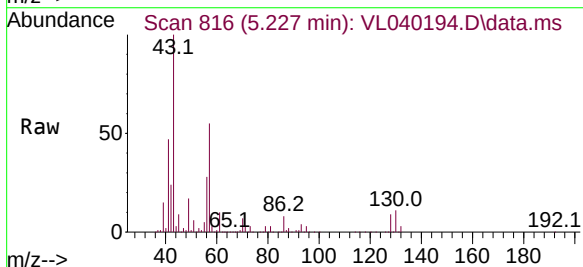
Ion Ratio Lower Upper

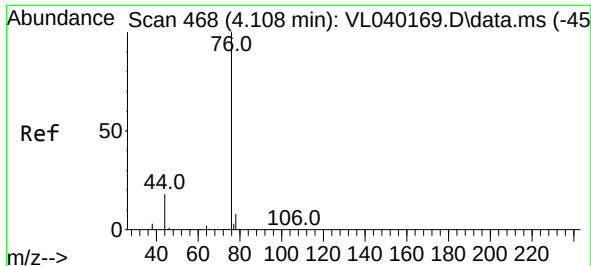
57 100

41 91.4 74.3 111.5

43 236.1 193.0 289.4

56 53.6 42.6 64.0

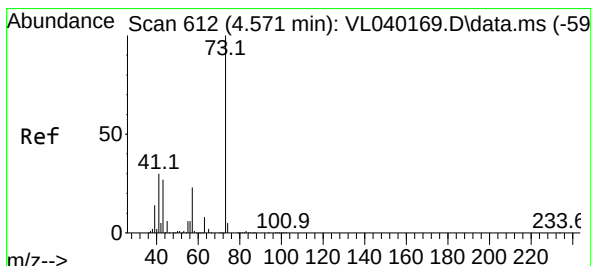
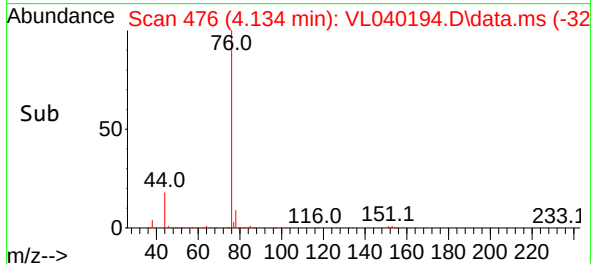
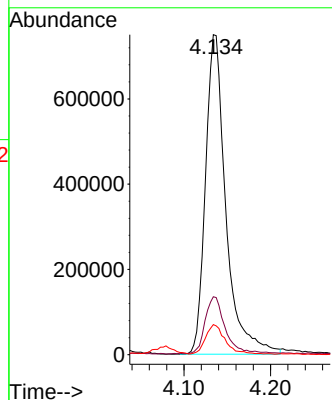
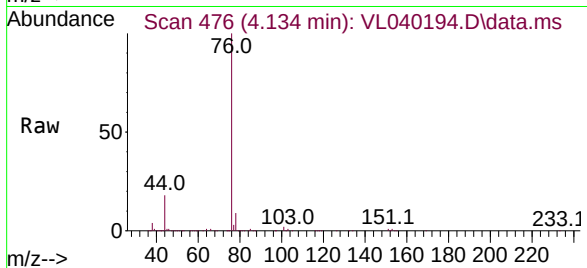




#27
Carbon Disulfide
Concen: 11.726 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

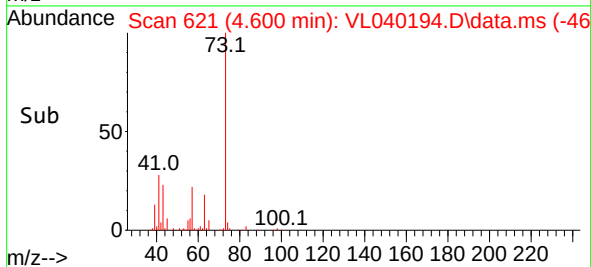
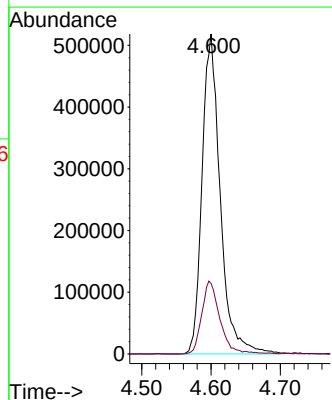
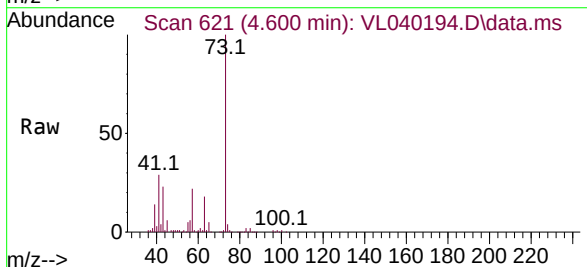
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABS01

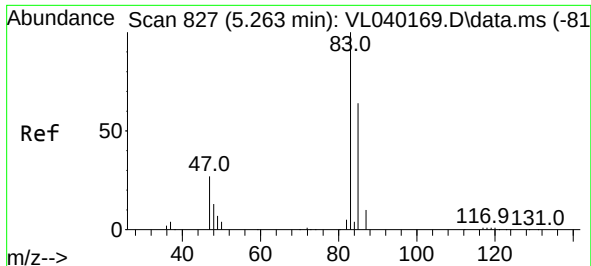
Tgt Ion: 76 Resp: 1226618
Ion Ratio Lower Upper
76 100
44 18.5 15.3 22.9
78 9.5 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.684 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 73 Resp: 943738
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2

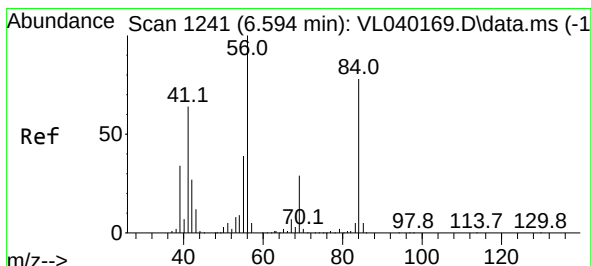
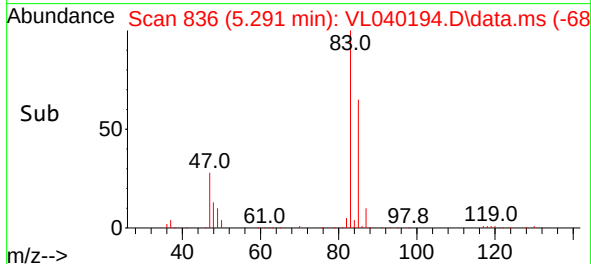
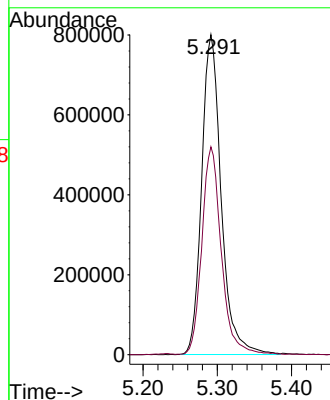
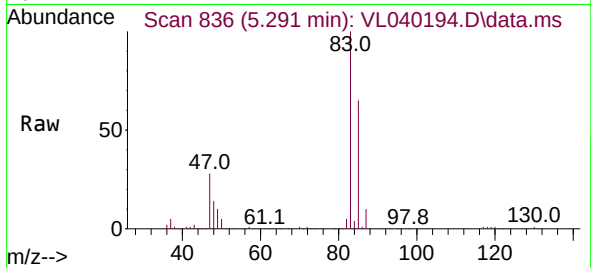




#29
Chloroform
Concen: 10.338 ppbv
RT: 5.291 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

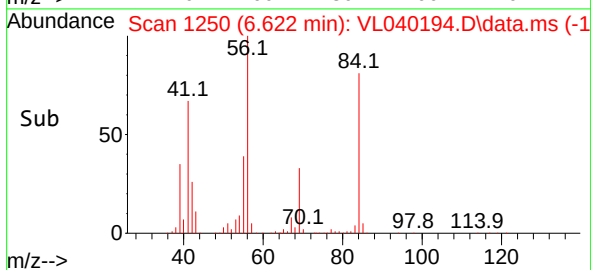
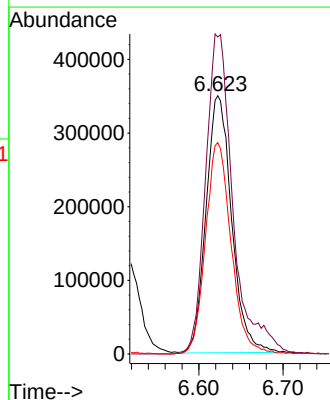
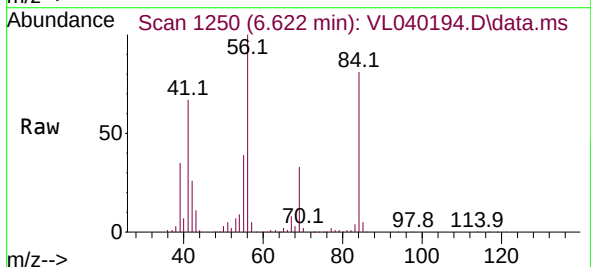
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

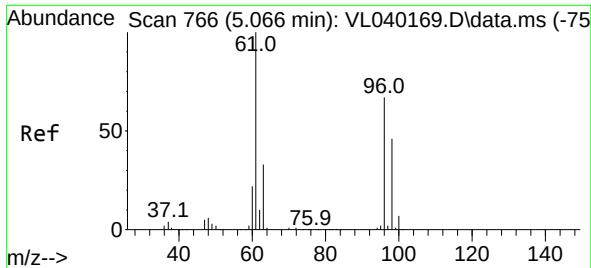
Tgt Ion: 83 Resp: 1463394
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3



#30
Cyclohexane
Concen: 11.394 ppbv
RT: 6.622 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 84 Resp: 737593
Ion Ratio Lower Upper
84 100
56 133.9 109.9 164.9
41 82.3 67.8 101.6

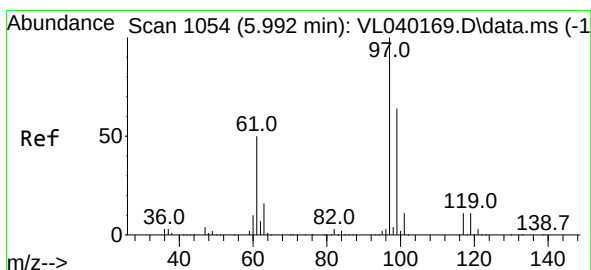
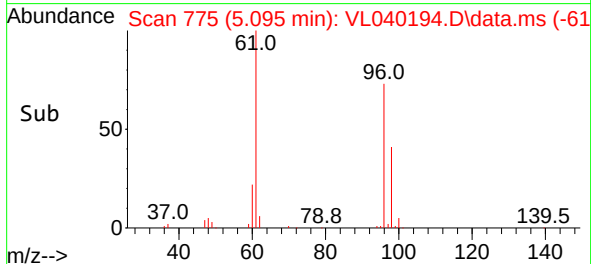
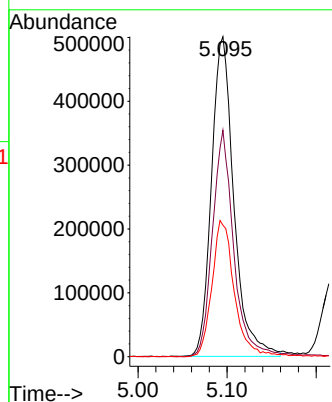
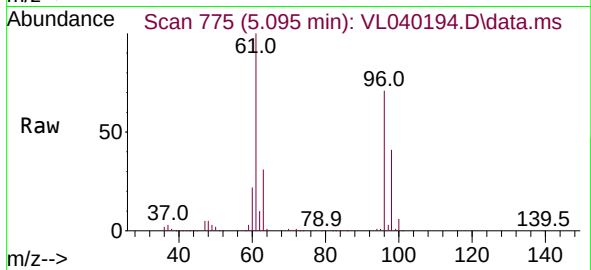




#31
 cis-1,2-Dichloroethene
 Concen: 11.146 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

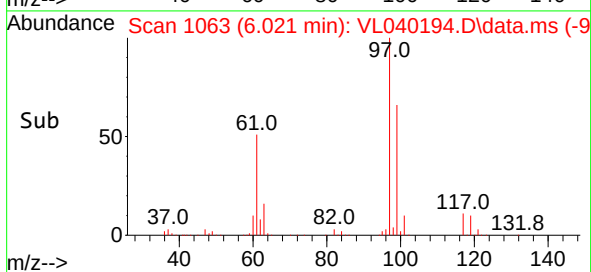
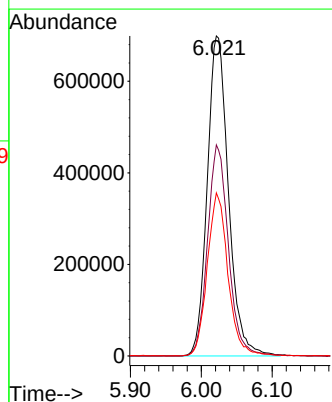
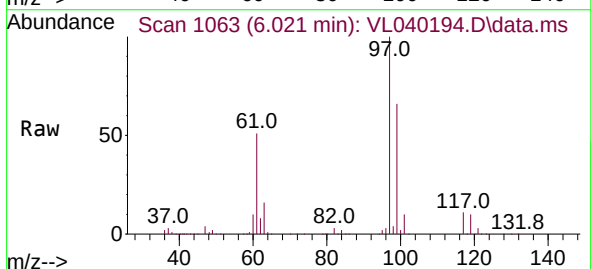
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01

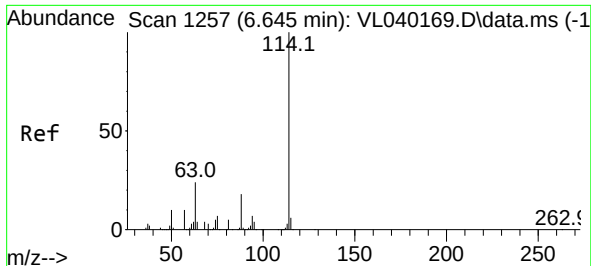
Tgt Ion: 61 Resp: 873075
 Ion Ratio Lower Upper
 61 100
 96 70.8 53.7 80.5
 98 41.2 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 10.922 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Tgt Ion: 97 Resp: 1452560
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.5 77.3
 61 49.9 40.6 60.8

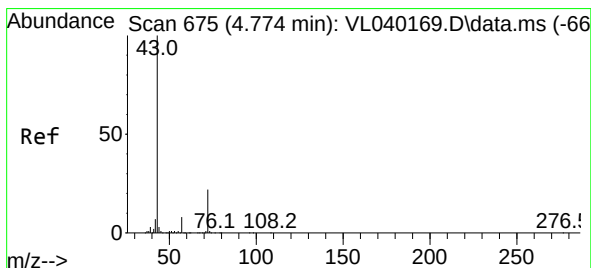
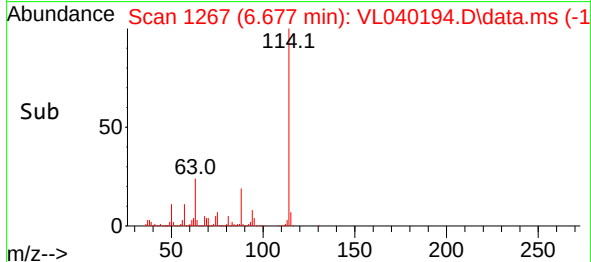
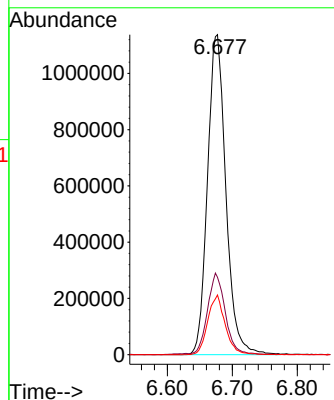
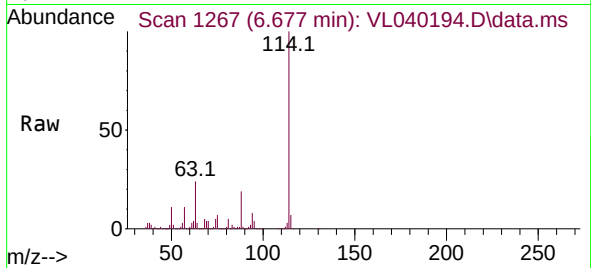




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

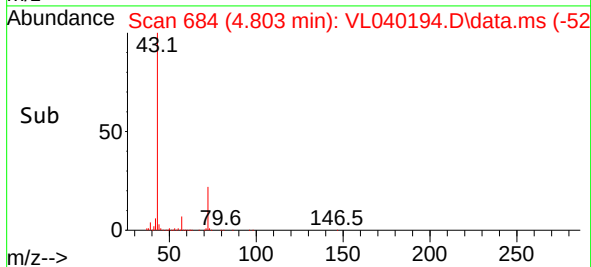
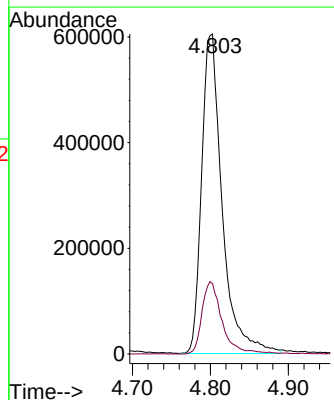
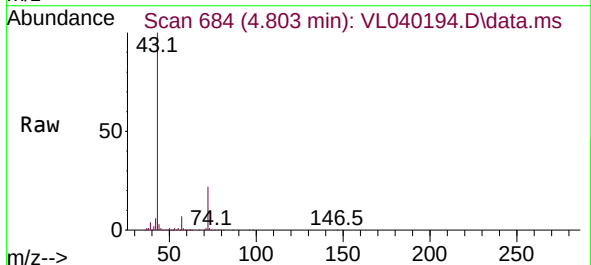
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABS01

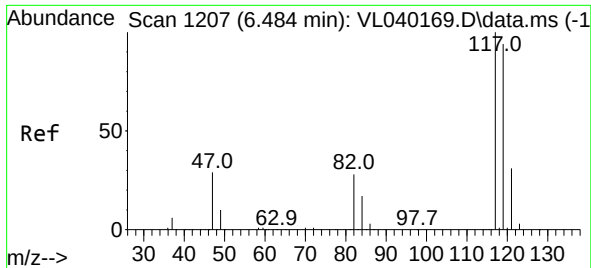
Tgt Ion:114 Resp: 2239680
Ion Ratio Lower Upper
114 100
63 25.0 20.4 30.6
88 17.7 14.3 21.5



#34
2-Butanone
Concen: 10.031 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 43 Resp: 1108261
Ion Ratio Lower Upper
43 100
72 22.5 17.8 26.8

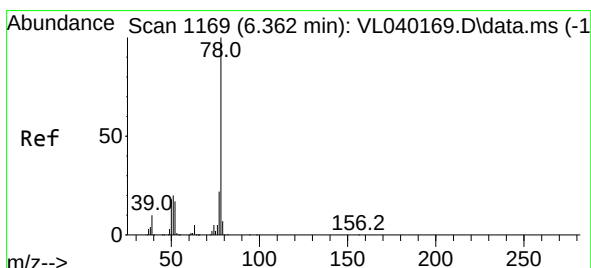
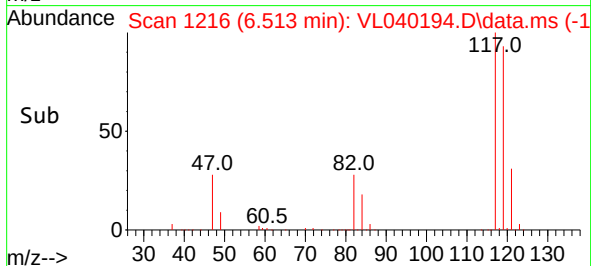
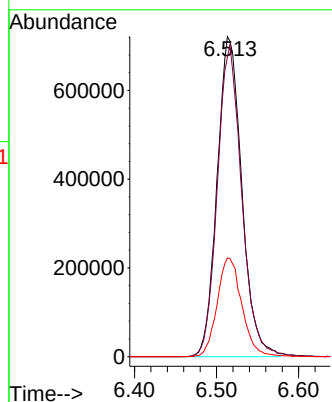
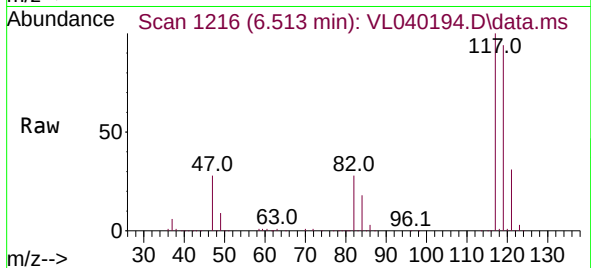




#35
Carbon Tetrachloride
Concen: 11.400 ppbv
RT: 6.513 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

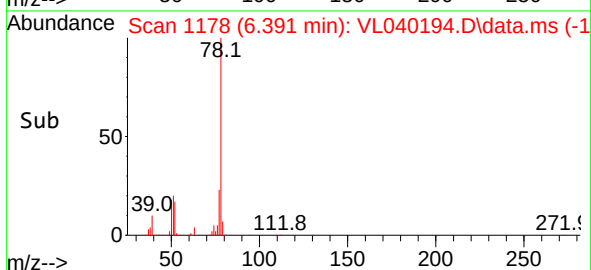
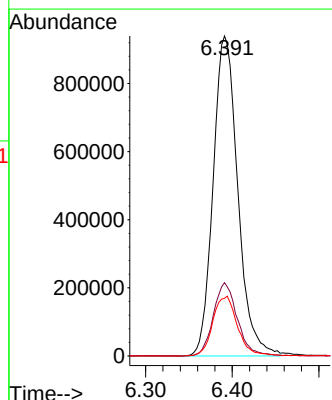
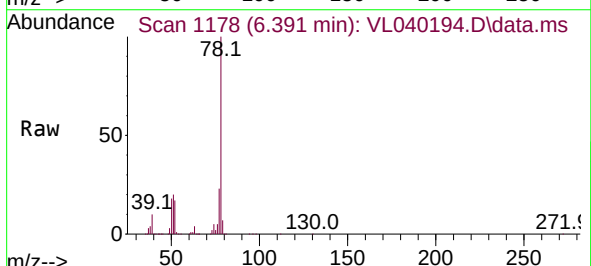
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

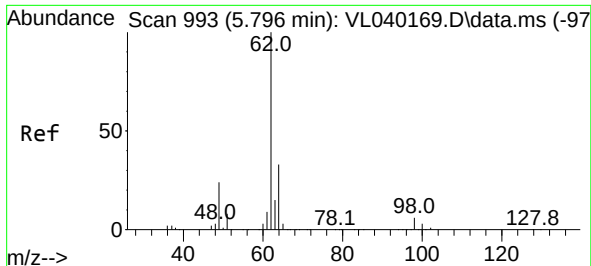
Tgt Ion:117 Resp: 1509354
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 30.9 25.0 37.4



#36
Benzene
Concen: 10.652 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 78 Resp: 1856594
Ion Ratio Lower Upper
78 100
77 22.9 17.5 26.3
50 18.0 14.6 22.0





#37

1,2-Dichloroethane

Concen: 10.255 ppbv

RT: 5.825 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

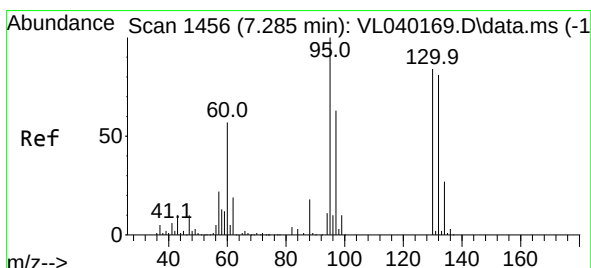
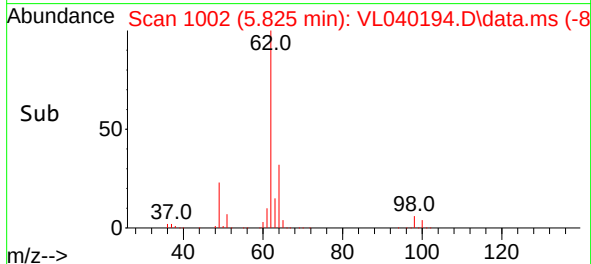
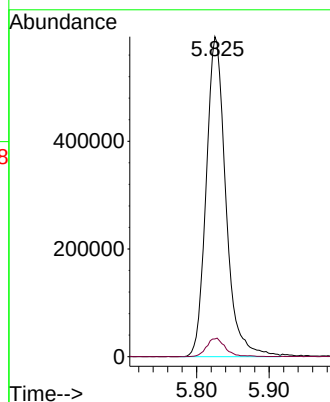
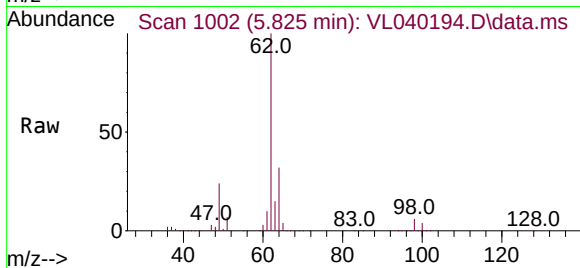
VL0221ABS01

Tgt Ion: 62 Resp: 1117940

Ion Ratio Lower Upper

62 100

98 5.7 4.7 7.1



#38

Trichloroethene

Concen: 11.365 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Tgt Ion:130 Resp: 1091541

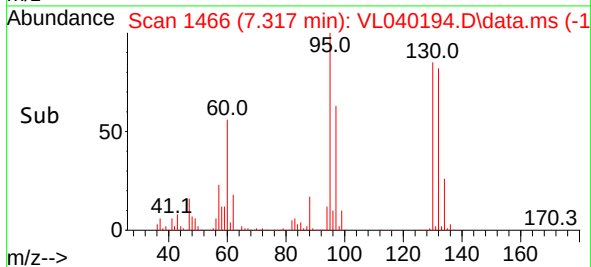
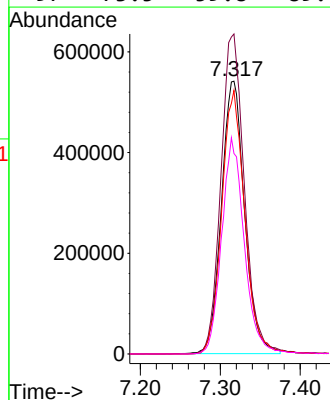
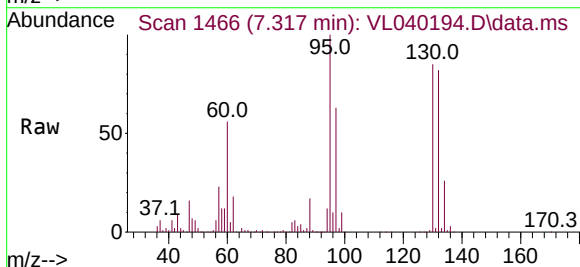
Ion Ratio Lower Upper

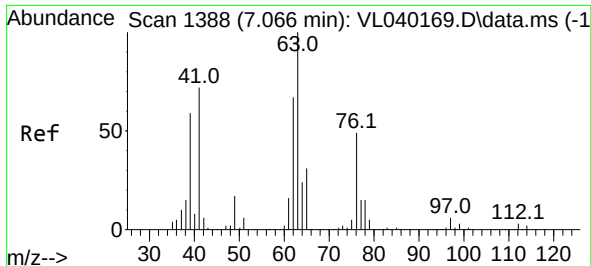
130 100

95 117.4 94.7 142.1

132 96.7 76.4 114.6

97 73.5 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.380 ppbv

RT: 7.095 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

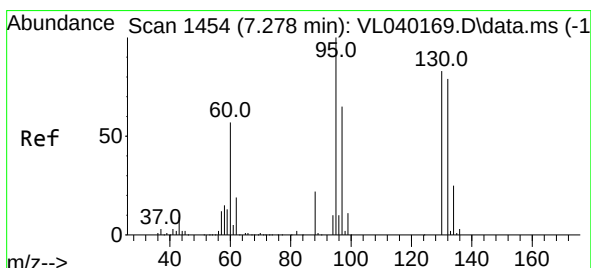
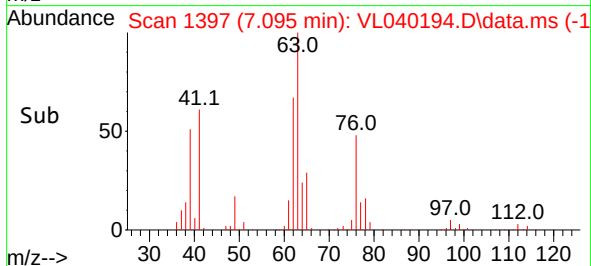
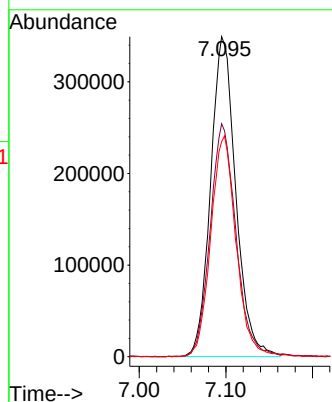
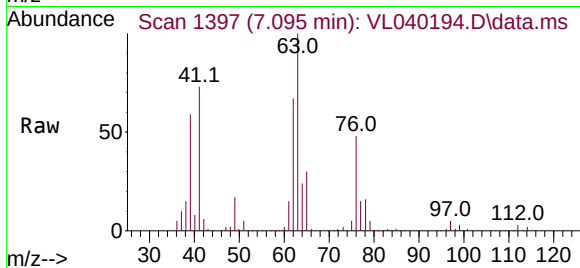
Tgt Ion: 63 Resp: 703830

Ion Ratio Lower Upper

63 100

41 72.7 57.6 86.4

62 67.0 54.0 81.0



#40

1,4-Dioxane

Concen: 9.430 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Tgt Ion: 88 Resp: 255760

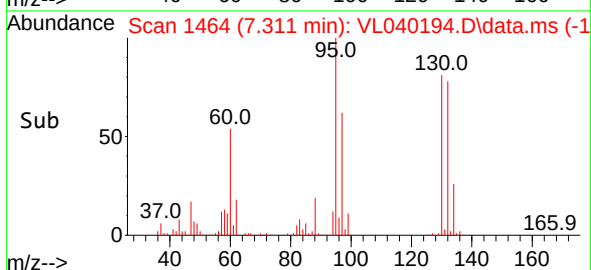
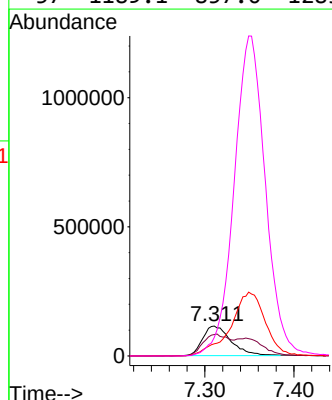
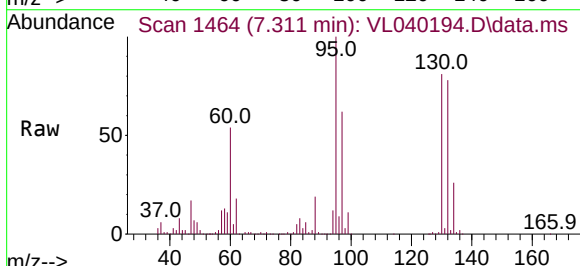
Ion Ratio Lower Upper

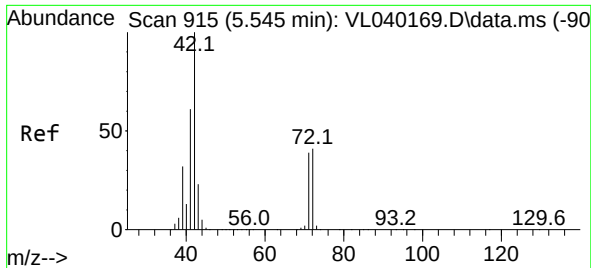
88 100

58 126.5 97.4 146.0

43 263.5 193.5 290.3

57 1189.1 857.0 1285.6

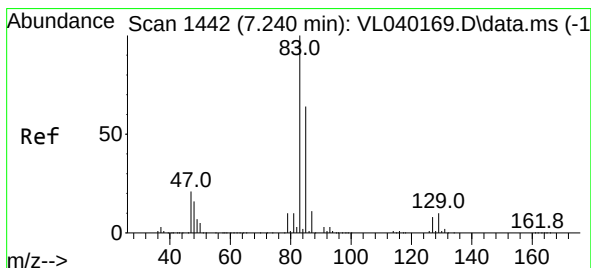
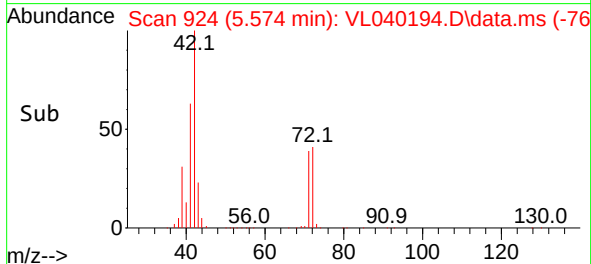
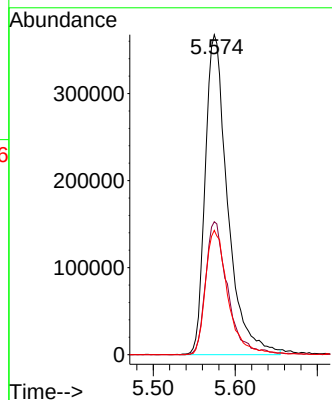
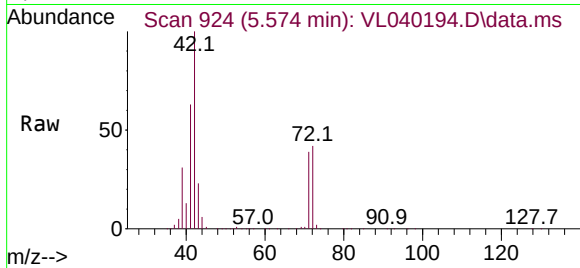




#41
Tetrahydrofuran
Concen: 10.917 ppbv
RT: 5.574 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

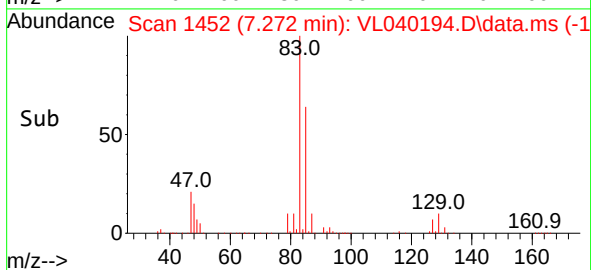
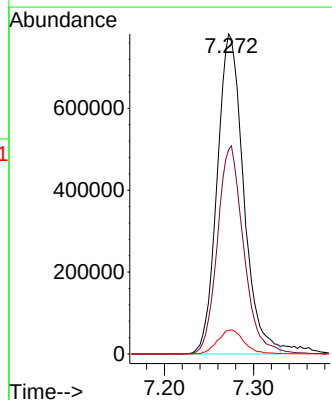
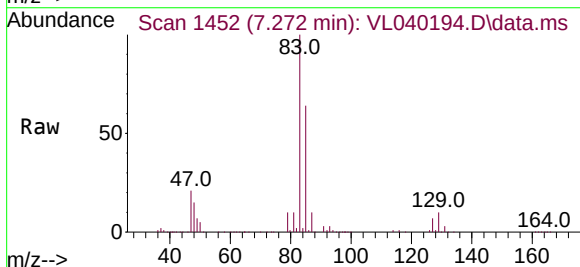
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

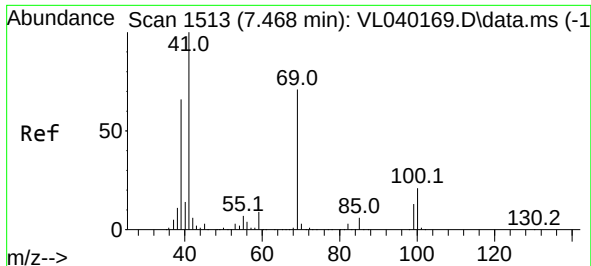
Tgt Ion: 42 Resp: 698958
Ion Ratio Lower Upper
42 100
72 41.2 33.0 49.4
71 39.2 31.4 47.2



#42
Bromodichloromethane
Concen: 10.700 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 83 Resp: 1609882
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 7.4 6.2 9.2





#43

Methyl Methacrylate

Concen: 11.449 ppbv

RT: 7.497 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_1

ClientSampleId :

VL0221ABS01

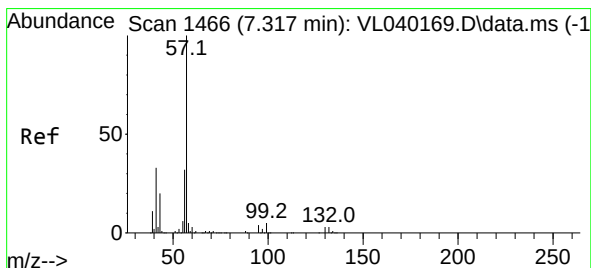
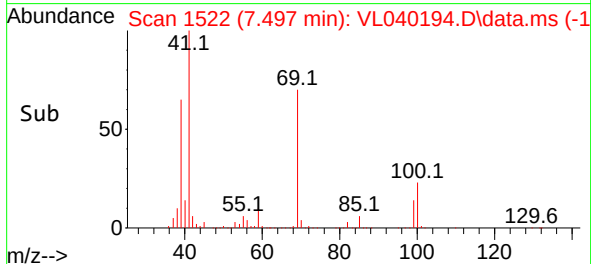
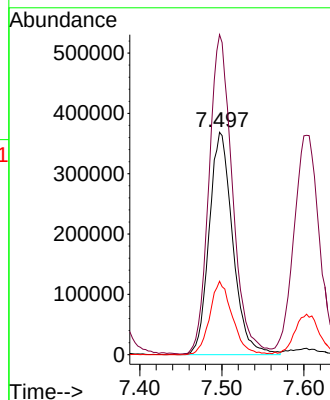
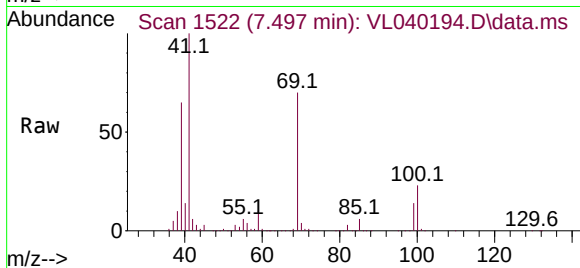
Tgt Ion: 69 Resp: 738375

Ion Ratio Lower Upper

69 100

41 142.5 116.6 174.8

100 31.9 25.6 38.4



#44

2,2,4-Trimethylpentane

Concen: 10.442 ppbv

RT: 7.349 min Scan# 1476

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

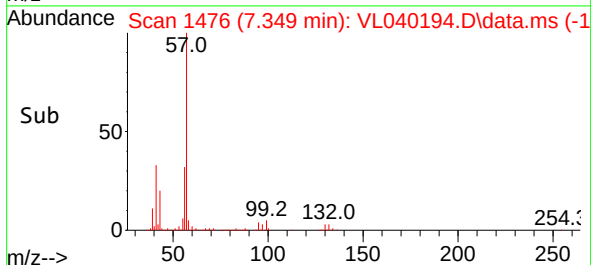
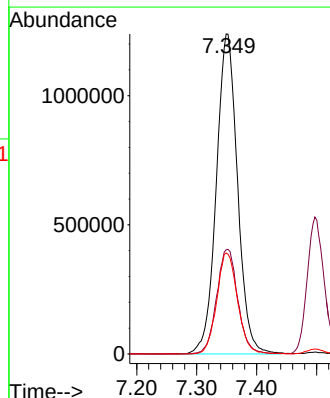
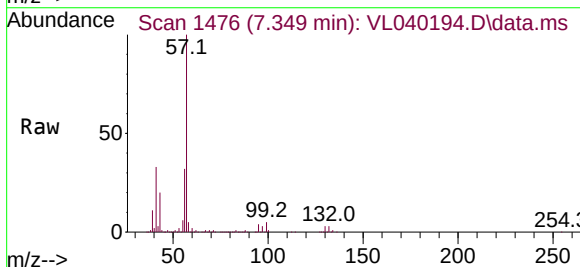
Tgt Ion: 57 Resp: 3038120

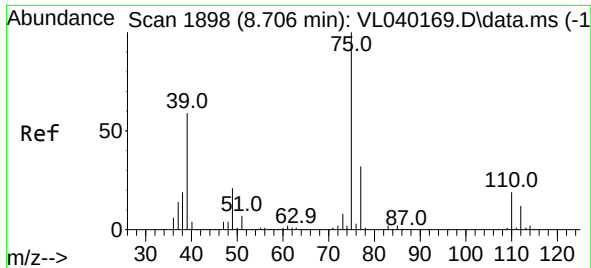
Ion Ratio Lower Upper

57 100

41 32.6 26.2 39.4

56 31.0 24.9 37.3

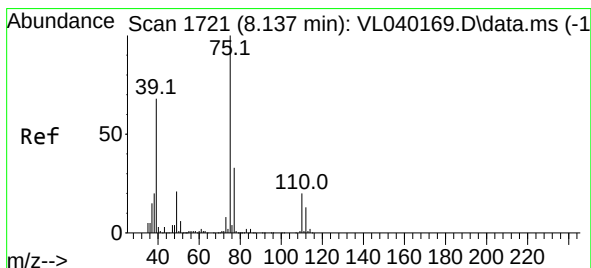
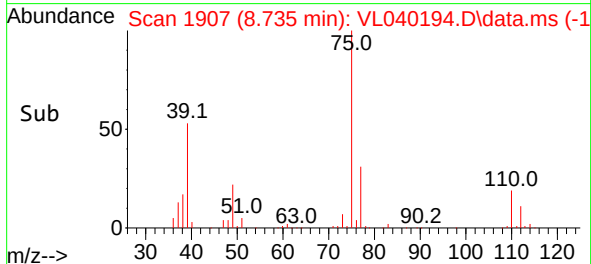
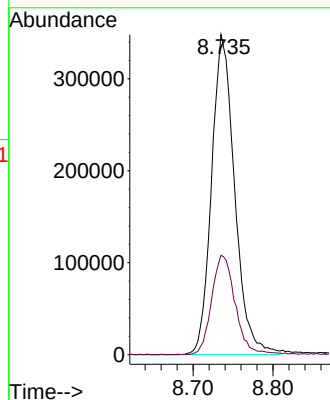
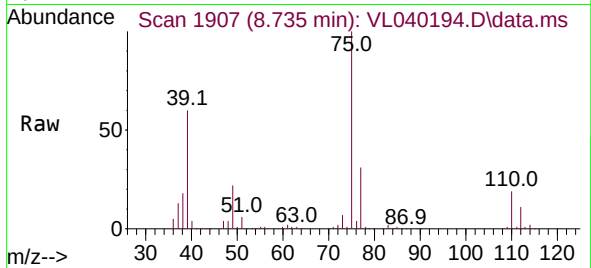




#45
 t-1,3-Dichloropropene
 Concen: 12.169 ppbv
 RT: 8.735 min Scan# 1730
 Delta R.T. -0.000 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

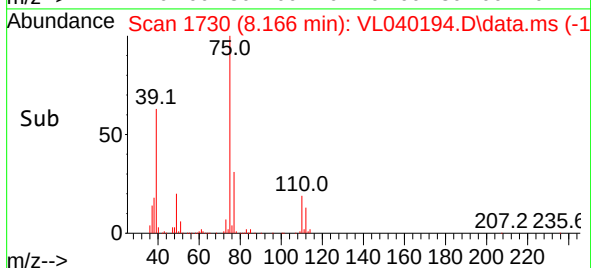
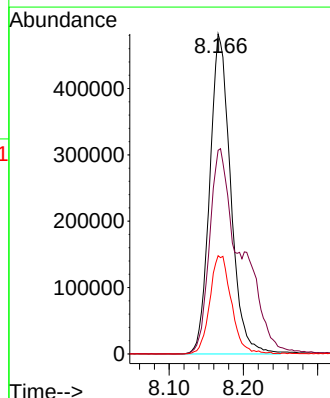
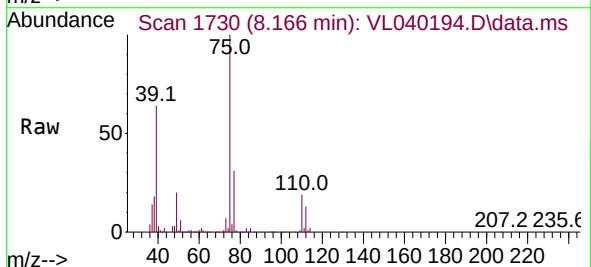
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01

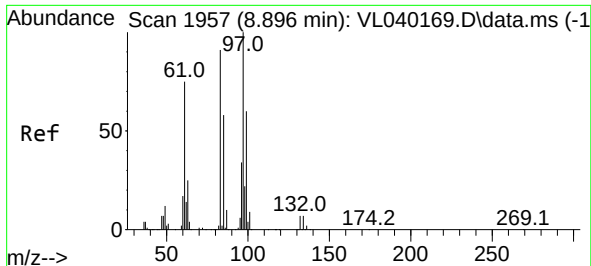
Tgt Ion: 75 Resp: 696181
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 11.814 ppbv
 RT: 8.166 min Scan# 1730
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Tgt Ion: 75 Resp: 941613
 Ion Ratio Lower Upper
 75 100
 39 63.6 54.2 81.2
 77 30.7 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.498 ppbv

RT: 8.928 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion: 97 Resp: 769918

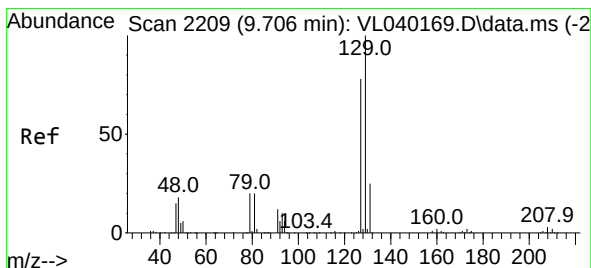
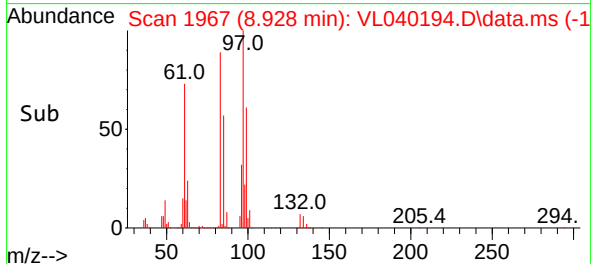
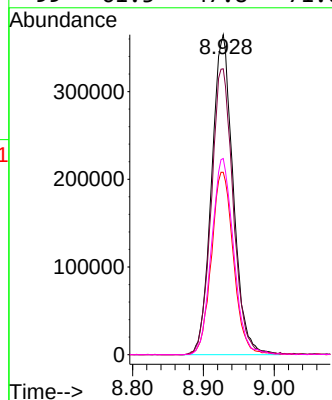
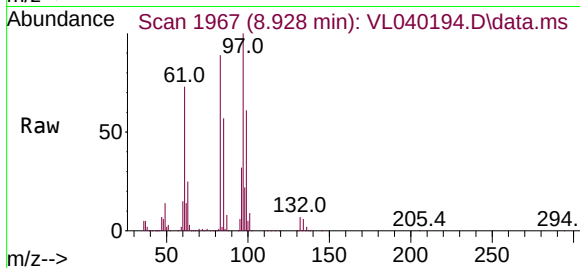
Ion Ratio Lower Upper

97 100

83 89.4 72.8 109.2

85 57.0 46.6 69.8

99 61.3 47.8 71.6



#48

Dibromochloromethane

Concen: 11.249 ppbv

RT: 9.738 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VL040194.D

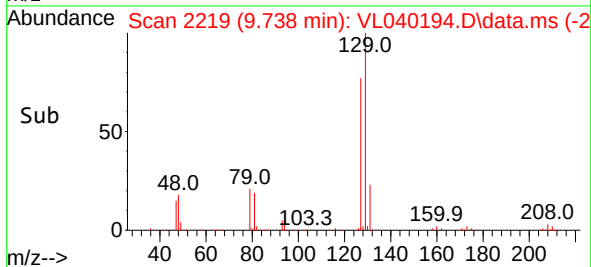
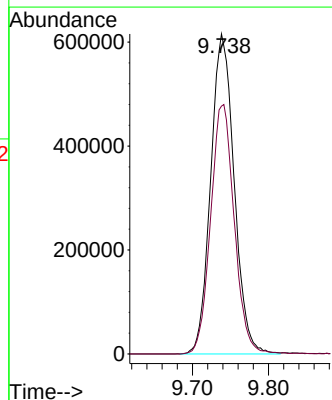
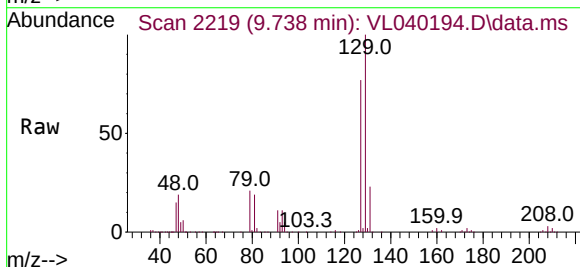
Acq: 21 Feb 2023 14:15

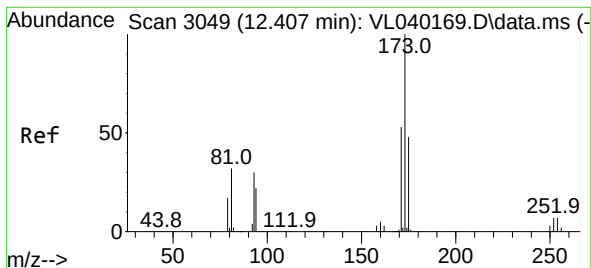
Tgt Ion: 129 Resp: 1319447

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.2





#49

Bromoform

Concen: 11.432 ppbv

RT: 12.439 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_1

ClientSampleId :

VL0221ABS01

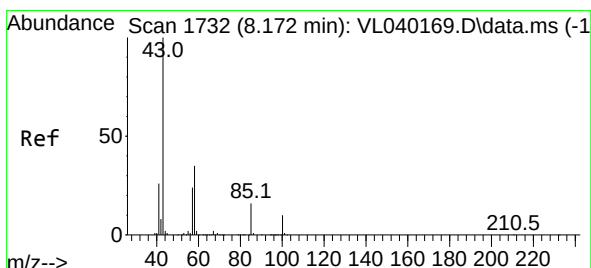
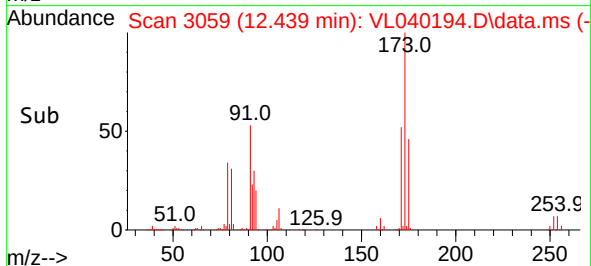
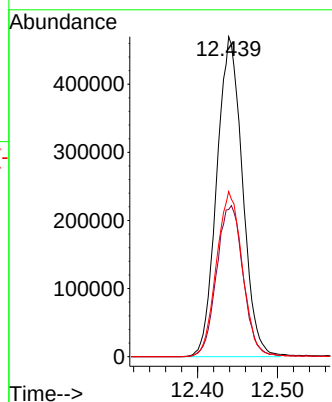
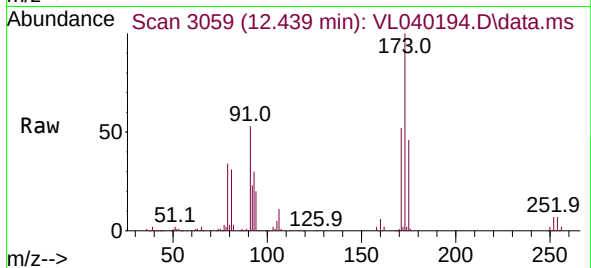
Tgt Ion:173 Resp: 1046626

Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

171 52.2 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 10.890 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VL040194.D

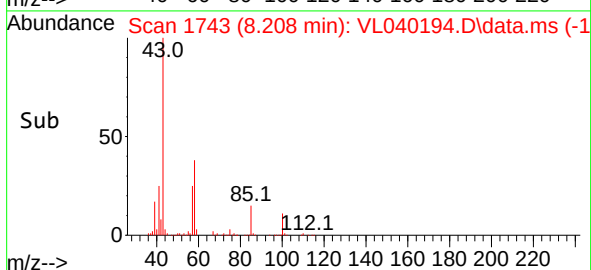
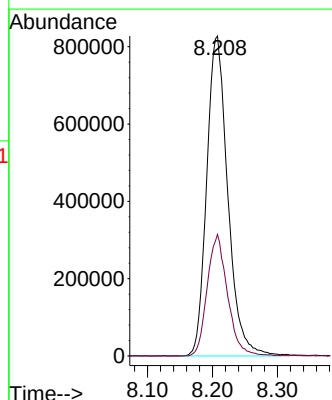
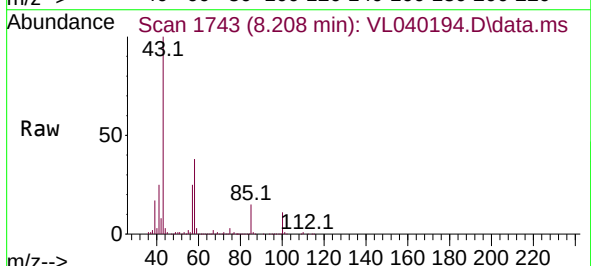
Acq: 21 Feb 2023 14:15

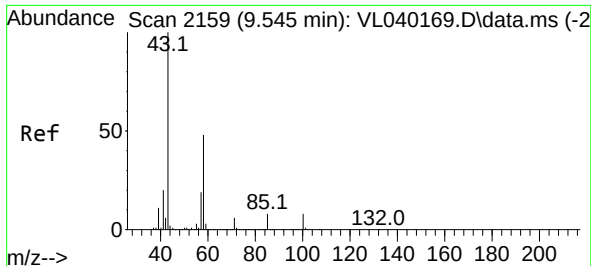
Tgt Ion: 43 Resp: 1868041

Ion Ratio Lower Upper

43 100

58 36.8 29.2 43.8

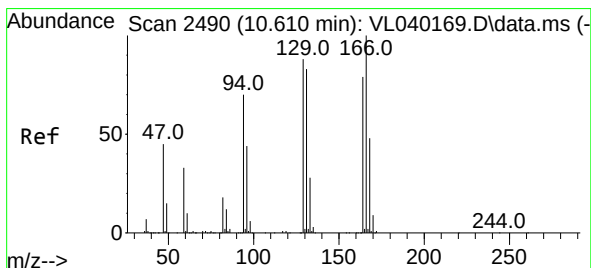
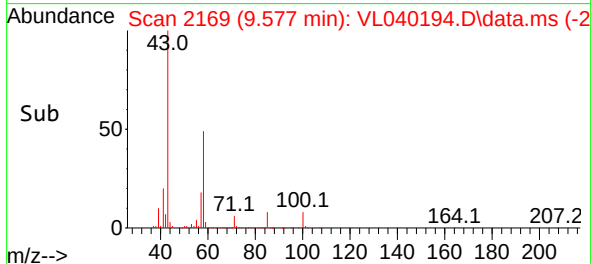
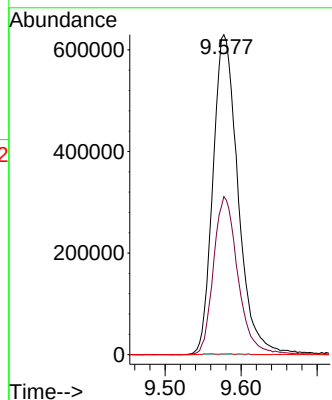
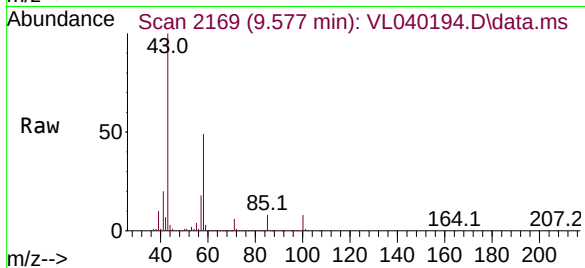




#51
2-Hexanone
Concen: 10.912 ppbv
RT: 9.577 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

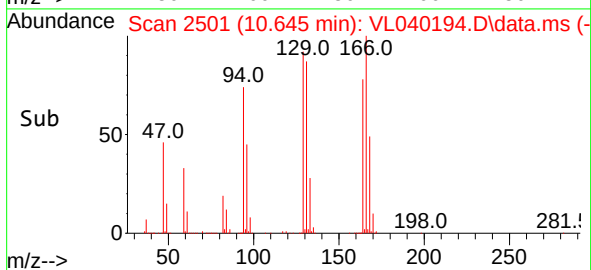
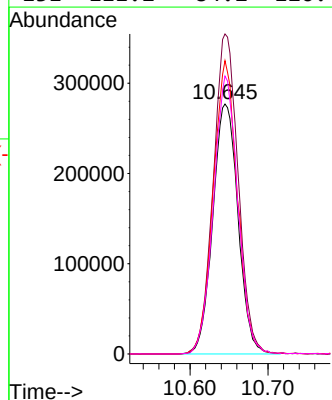
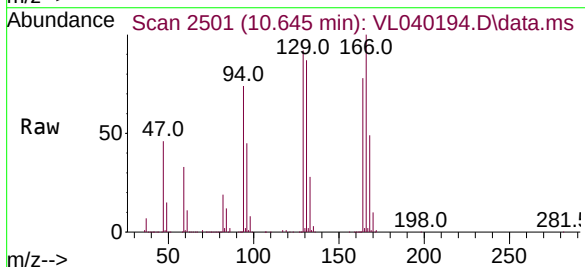
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

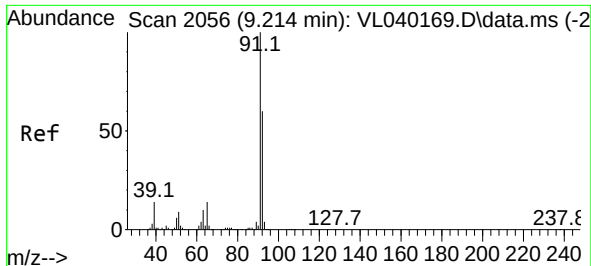
Tgt Ion: 43 Resp: 1439614
Ion Ratio Lower Upper
43 100
58 48.4 39.1 58.7
98 0.3 0.2 0.4



#52
Tetrachloroethene
Concen: 11.430 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 164 Resp: 622102
Ion Ratio Lower Upper
164 100
166 128.0 101.5 152.3
129 117.2 89.0 133.4
131 111.2 84.2 126.4

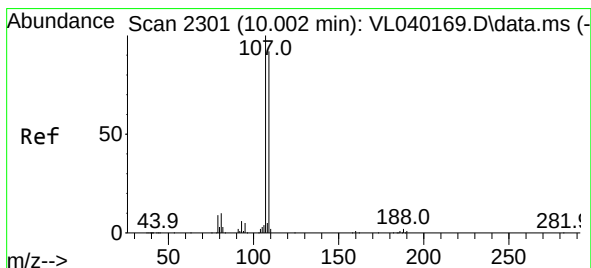
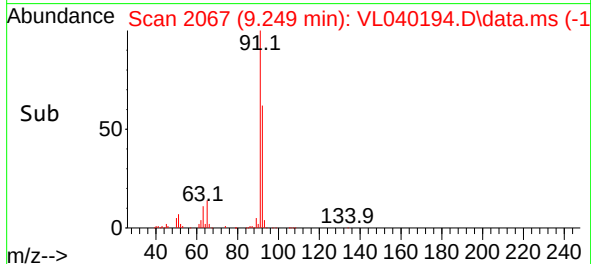
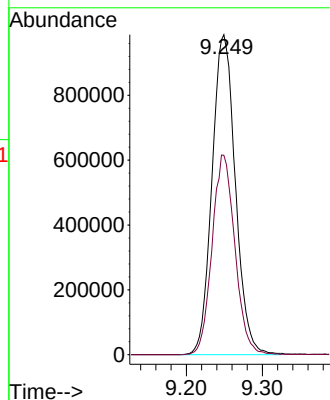
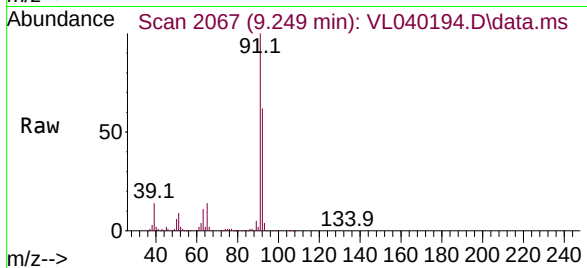




#53
Toluene
Concen: 11.273 ppbv
RT: 9.249 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

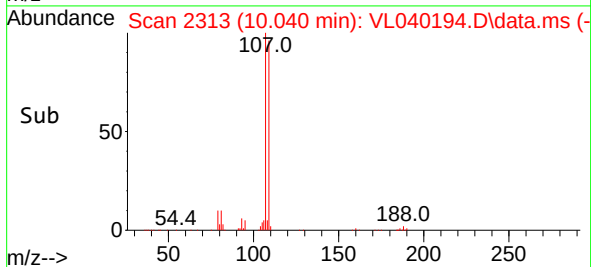
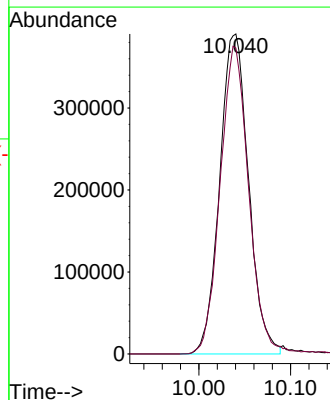
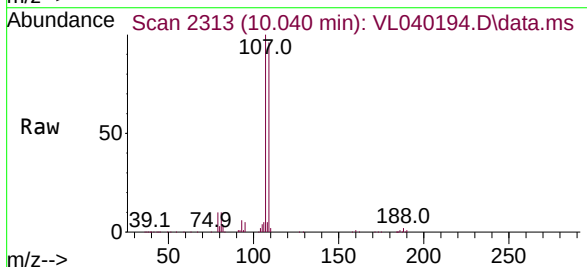
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

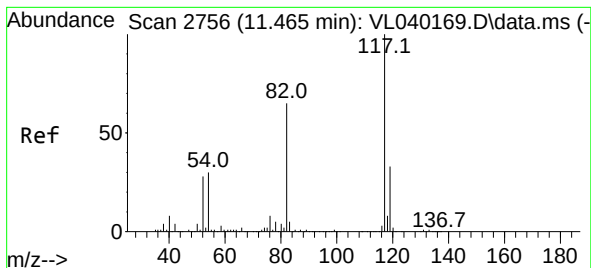
Tgt Ion: 91 Resp: 2104462
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.182 ppbv
RT: 10.040 min Scan# 2313
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 107 Resp: 853253
Ion Ratio Lower Upper
107 100
109 95.6 73.8 110.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.500 min Scan# 2756

Delta R.T. 0.006 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_1

ClientSampleId :

VL0221ABS01

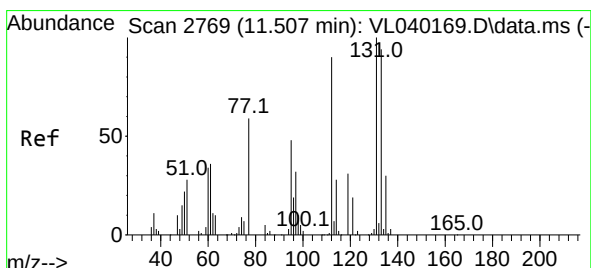
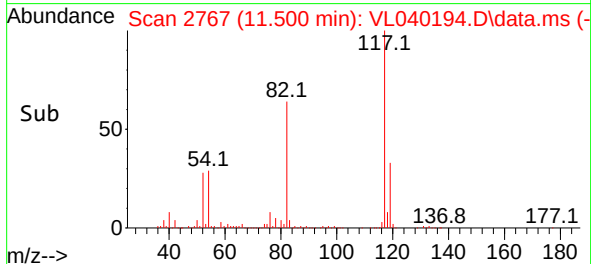
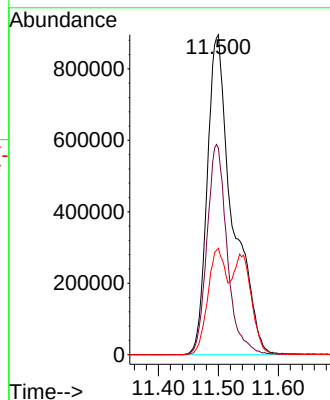
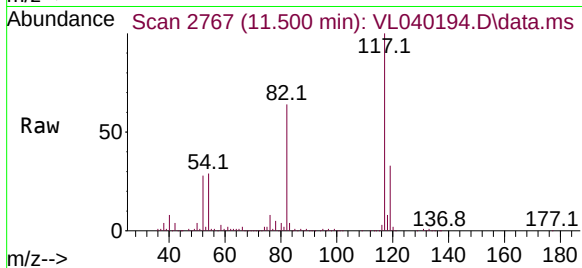
Tgt Ion:117 Resp: 2626122

Ion Ratio Lower Upper

117 100

82 52.9 53.3 79.9#

119 25.2 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 8.510 ppbv

RT: 11.539 min Scan# 2779

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

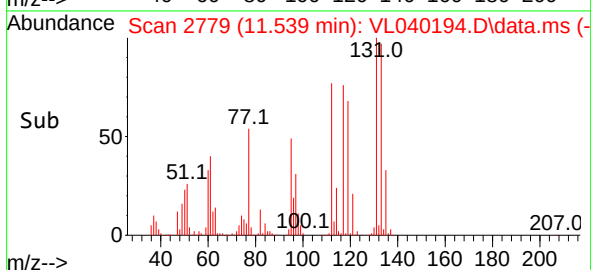
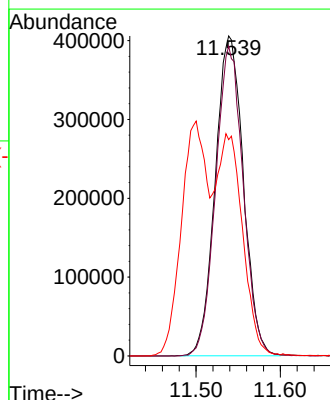
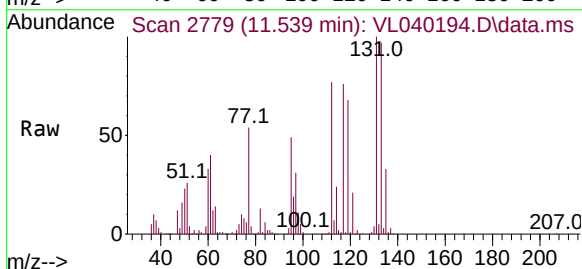
Tgt Ion:131 Resp: 938100

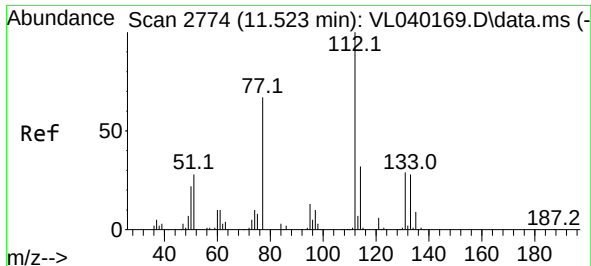
Ion Ratio Lower Upper

131 100

133 94.9 76.2 114.2

119 68.0 45.4 68.0

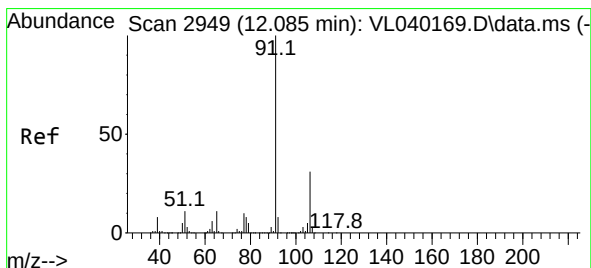
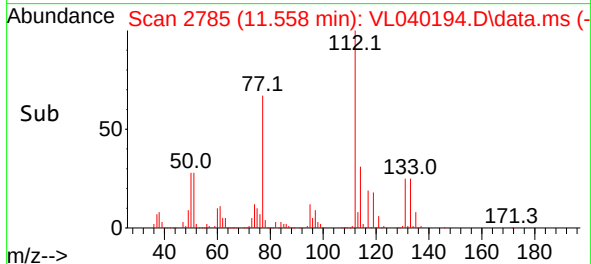
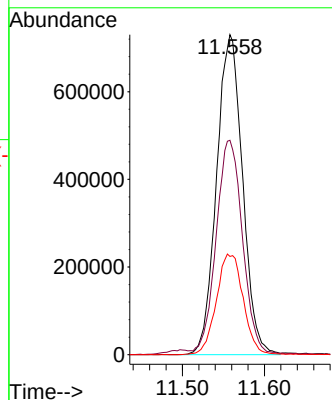
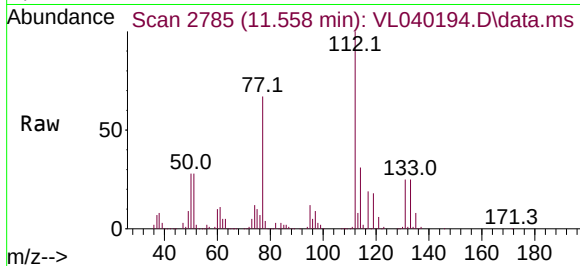




#57
Chlorobenzene
Concen: 8.382 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

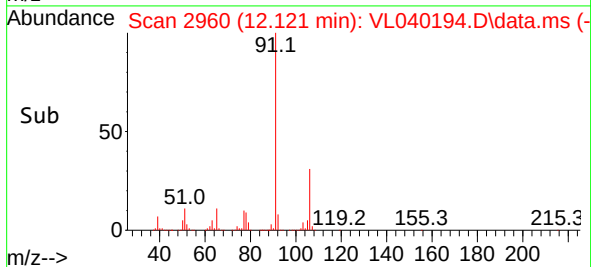
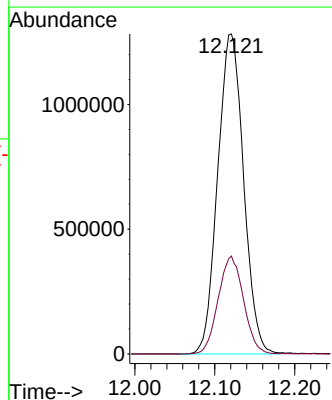
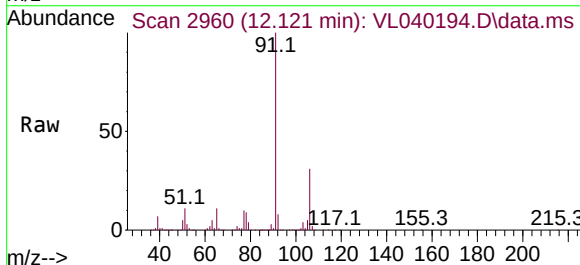
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

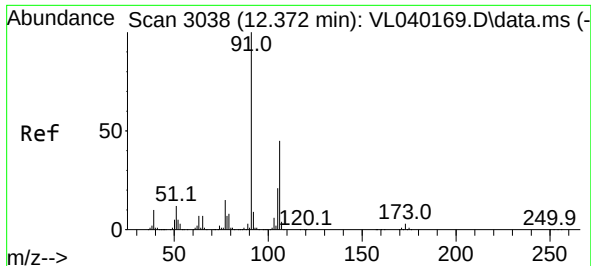
Tgt Ion:112 Resp: 1608121
Ion Ratio Lower Upper
112 100
77 66.5 55.0 82.4
114 30.6 29.0 35.4



#58
Ethyl Benzene
Concen: 9.031 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 91 Resp: 2881488
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3





#59

m/p-Xylene

Concen: 9.732 ppbv

RT: 12.400 min Scan# 3038

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_1

ClientSampleId :

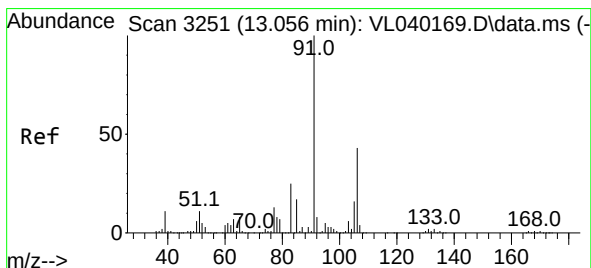
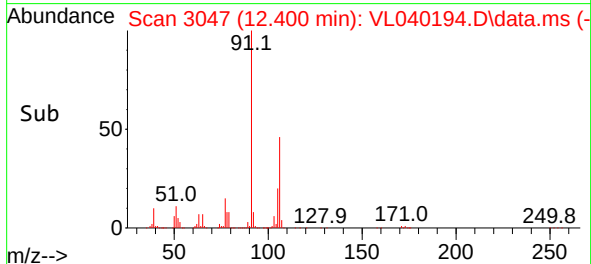
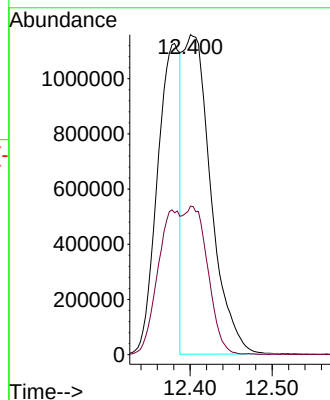
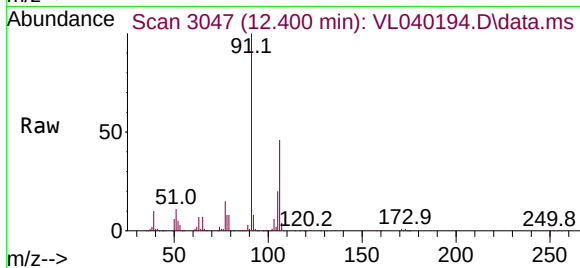
VL0221ABS01

Tgt Ion: 91 Resp: 2750409

Ion Ratio Lower Upper

91 100

106 77.3 34.6 51.8#



#60

o-Xylene

Concen: 8.662 ppbv

RT: 13.092 min Scan# 3262

Delta R.T. 0.006 min

Lab File: VL040194.D

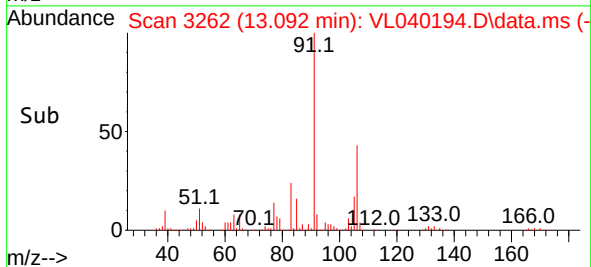
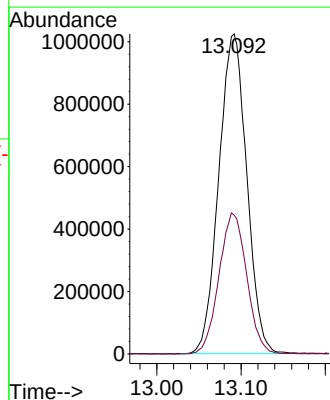
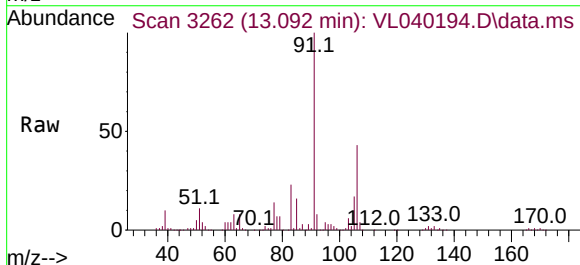
Acq: 21 Feb 2023 14:15

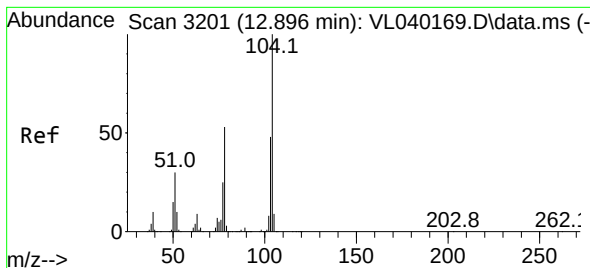
Tgt Ion: 91 Resp: 2355338

Ion Ratio Lower Upper

91 100

106 44.0 21.6 65.0





#61

Styrene

Concen: 9.498 ppbv

RT: 12.931 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

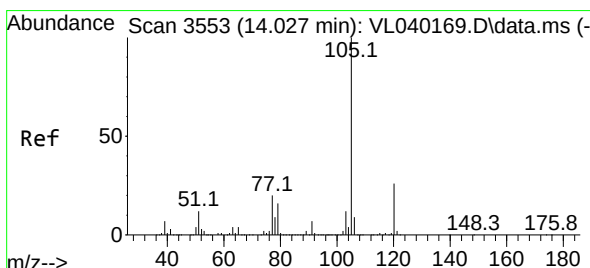
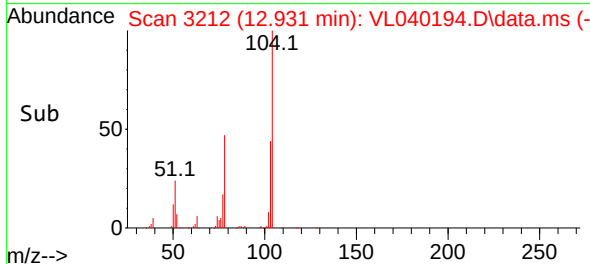
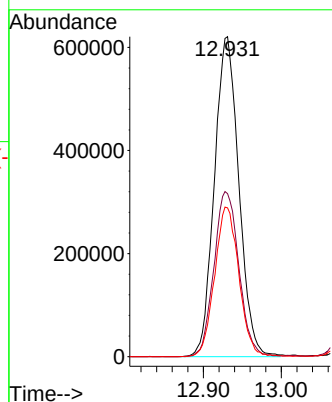
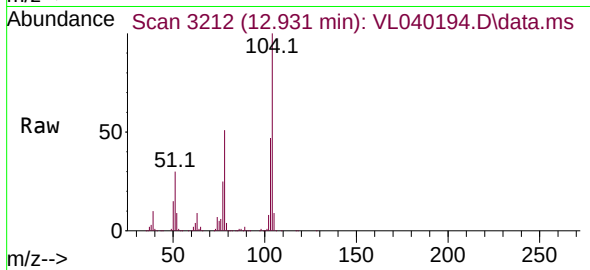
Tgt Ion:104 Resp: 1356014

Ion Ratio Lower Upper

104 100

78 52.8 42.3 63.5

103 46.5 37.5 56.3



#62

Isopropylbenzene

Concen: 8.494 ppbv

RT: 14.063 min Scan# 3564

Delta R.T. 0.003 min

Lab File: VL040194.D

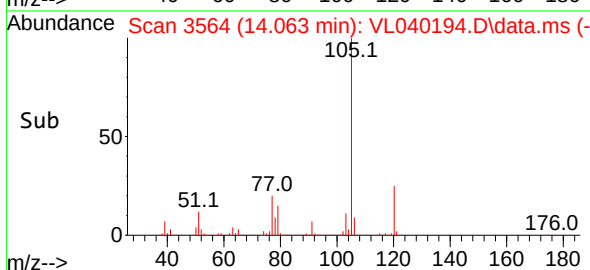
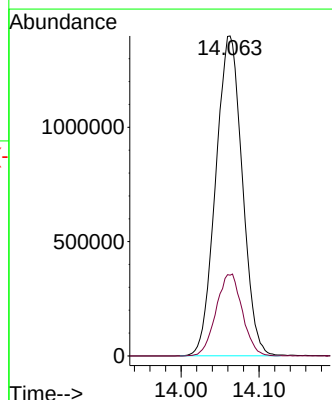
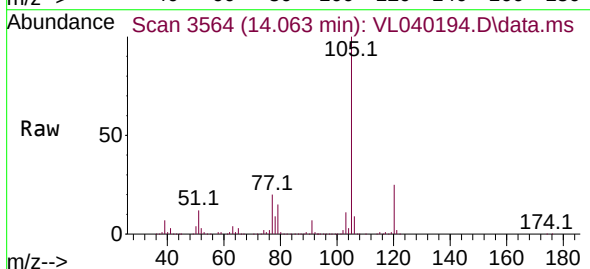
Acq: 21 Feb 2023 14:15

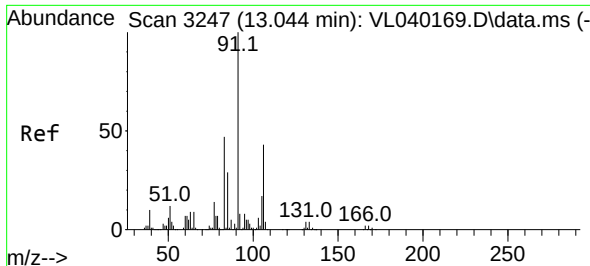
Tgt Ion:105 Resp: 3315184

Ion Ratio Lower Upper

105 100

120 25.2 20.3 30.5

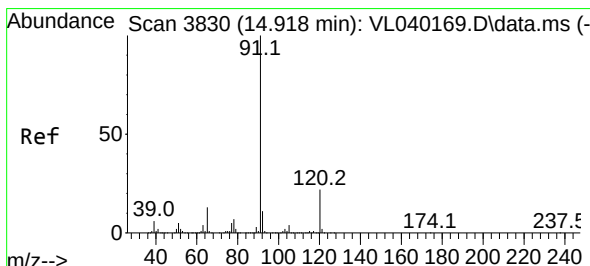
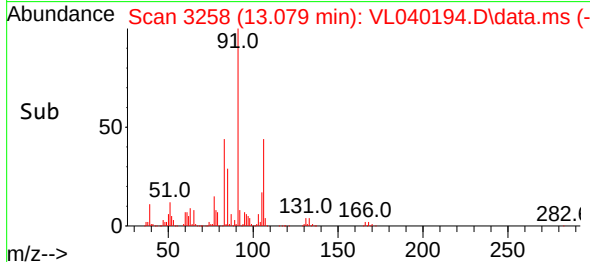
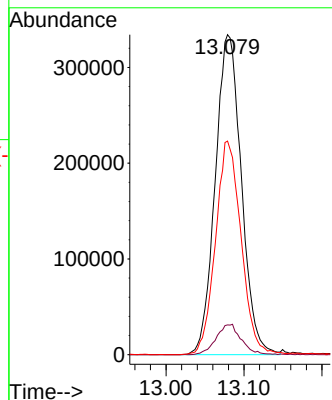
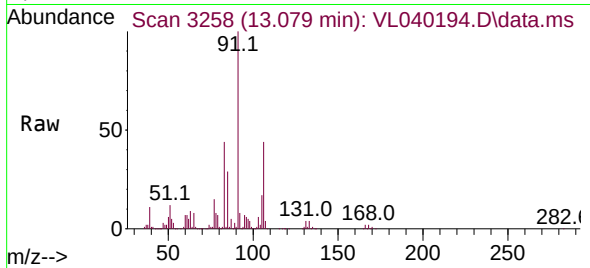




#63
1,1,2,2-Tetrachloroethane
Concen: 7.954 ppbv
RT: 13.079 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

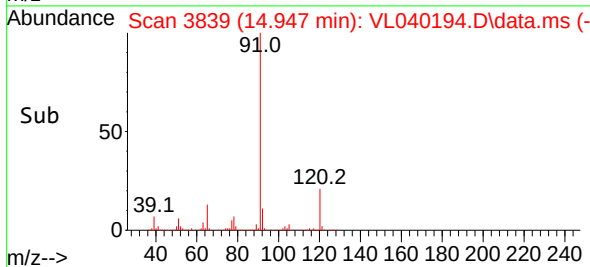
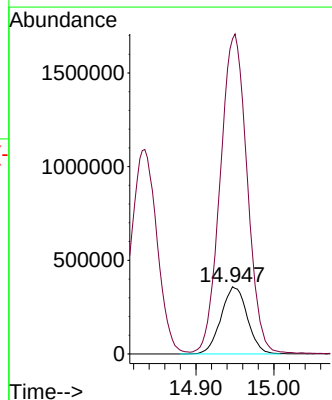
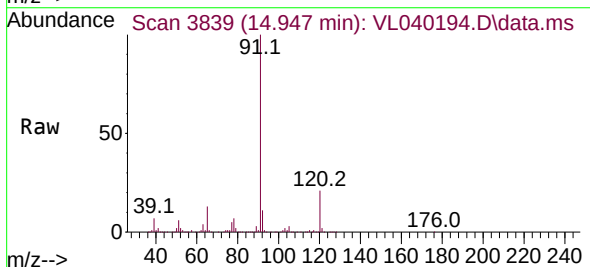
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

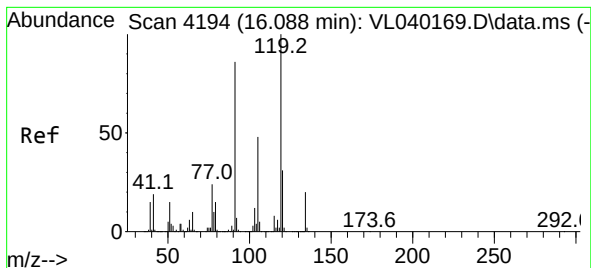
Tgt Ion: 83 Resp: 779487
Ion Ratio Lower Upper
83 100
131 9.2 4.4 13.2
85 65.9 33.0 99.0



#64
n-propylbenzene
Concen: 8.670 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. -0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 120 Resp: 837539
Ion Ratio Lower Upper
120 100
91 490.4 389.8 584.8

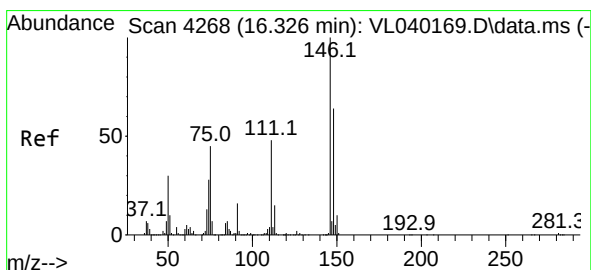
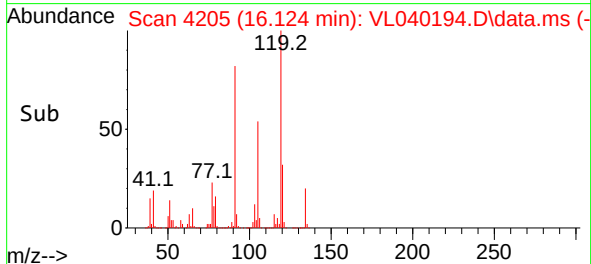
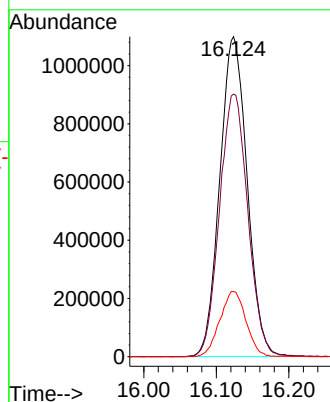
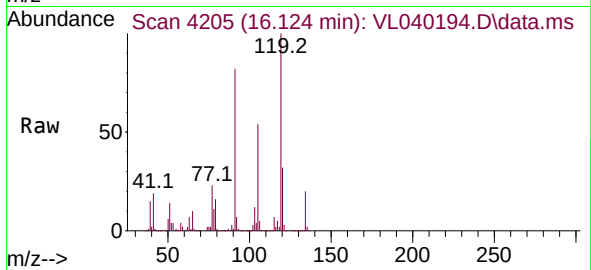




#65
tert-Butylbenzene
Concen: 8.486 ppbv
RT: 16.124 min Scan# 4194
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

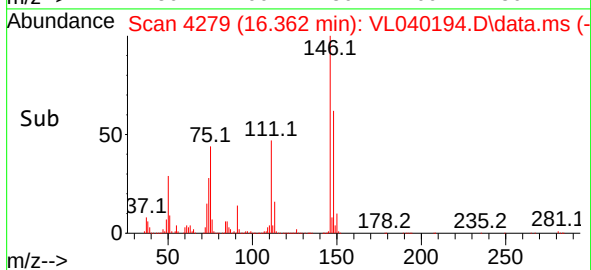
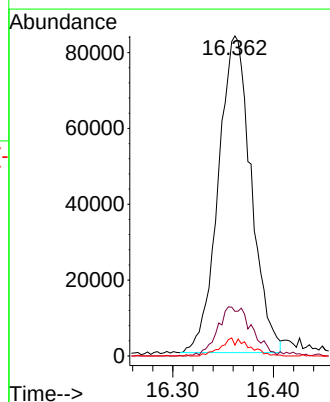
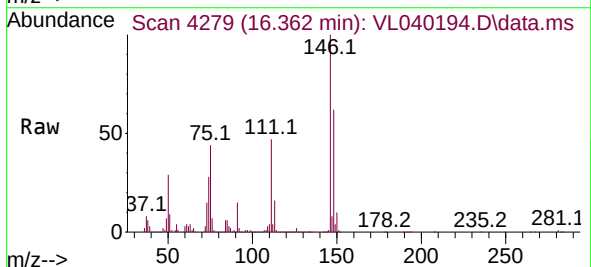
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABS01

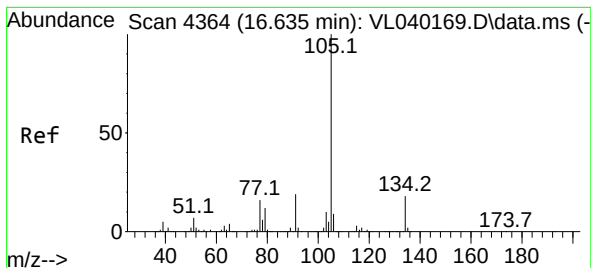
Tgt Ion:119 Resp: 2879342
Ion Ratio Lower Upper
119 100
91 85.2 68.6 102.8
134 19.6 15.9 23.9



#66
Benzyl Chloride
Concen: 8.388 ppbv
RT: 16.362 min Scan# 4279
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 91 Resp: 189387
Ion Ratio Lower Upper
91 100
126 16.8 13.1 19.7
128 4.9 4.1 6.1





#67

sec-Butylbenzene

Concen: 8.329 ppbv

RT: 16.670 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_1

ClientSampleId :

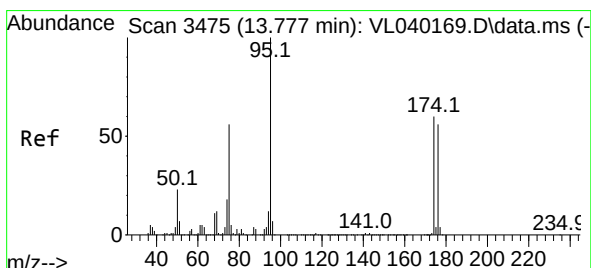
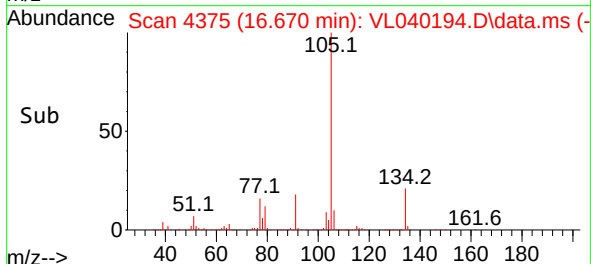
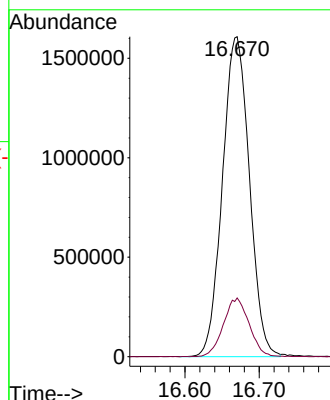
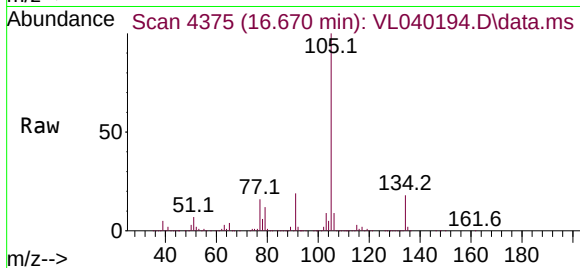
VL0221ABS01

Tgt Ion:105 Resp: 4052801

Ion Ratio Lower Upper

105 100

134 17.6 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 7.561 ppbv

RT: 13.809 min Scan# 3485

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

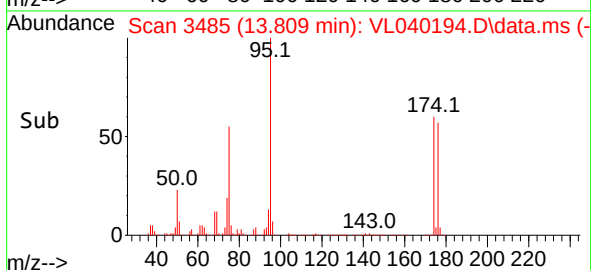
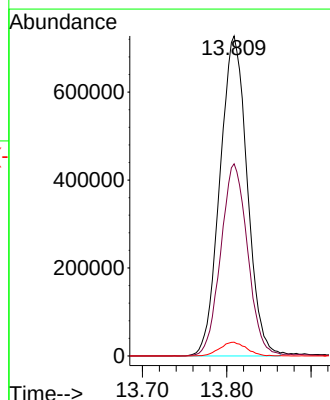
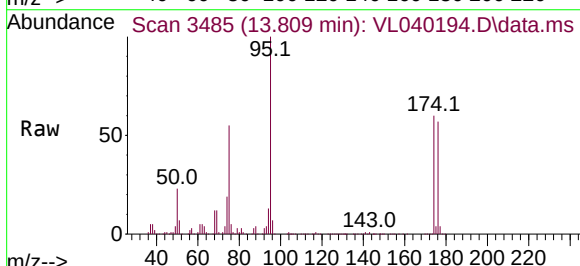
Tgt Ion: 95 Resp: 1632856

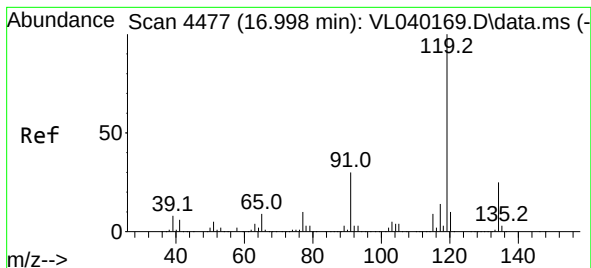
Ion Ratio Lower Upper

95 100

174 59.9 48.2 72.2

175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.442 ppbv

RT: 17.027 min Scan# 4477

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_1

ClientSampleId :

VL0221ABS01

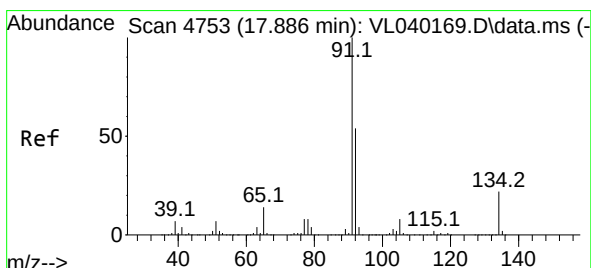
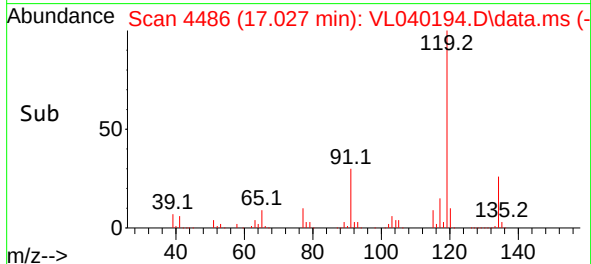
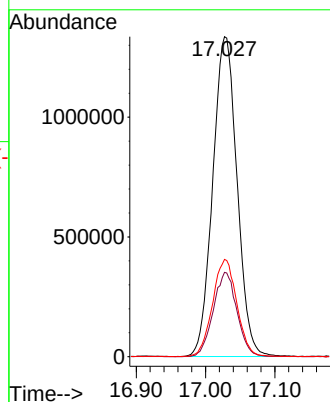
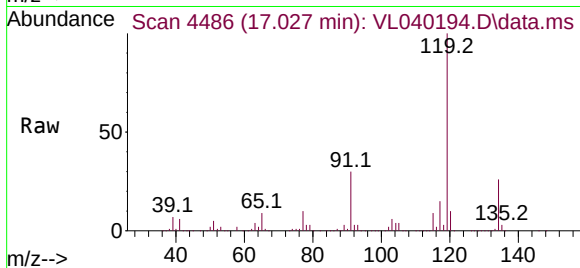
Tgt Ion:119 Resp: 3256433

Ion Ratio Lower Upper

119 100

134 25.7 20.2 30.2

91 30.4 24.7 37.1



#70

n-Butylbenzene

Concen: 8.289 ppbv

RT: 17.918 min Scan# 4763

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

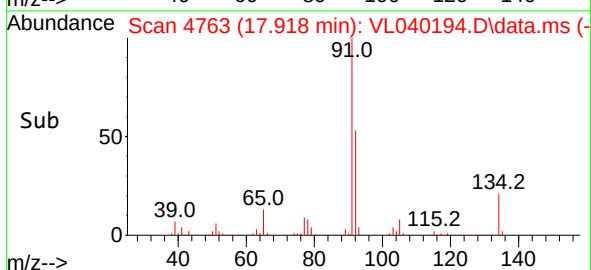
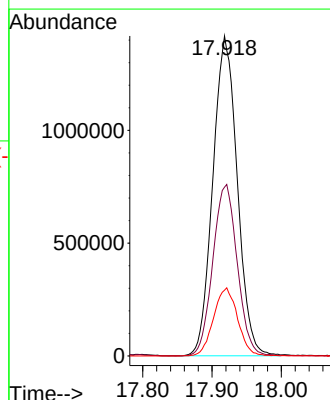
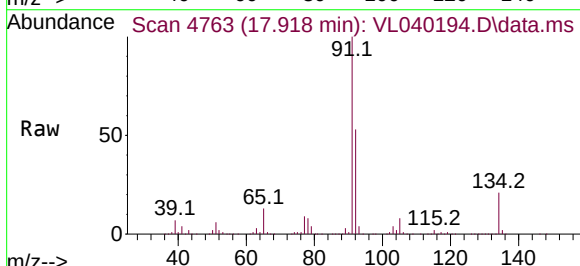
Tgt Ion: 91 Resp: 3470395

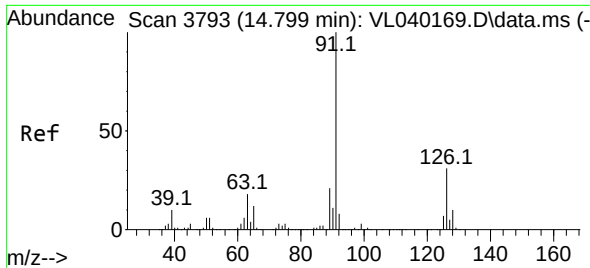
Ion Ratio Lower Upper

91 100

92 53.8 43.0 64.6

134 21.1 16.9 25.3

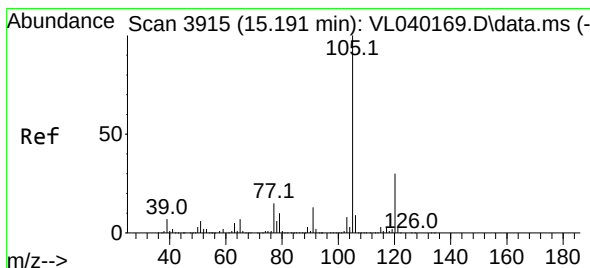
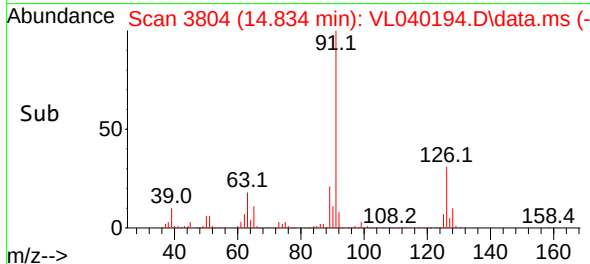
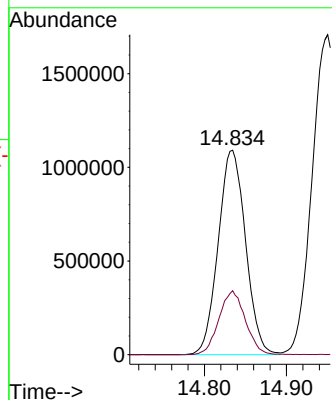
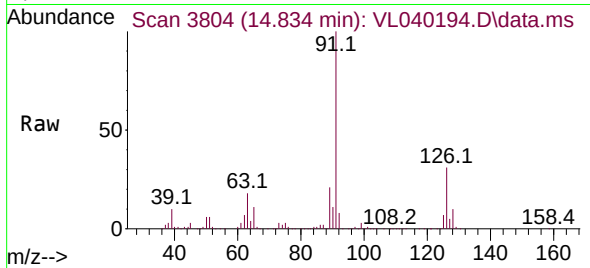




#71
2-Chlorotoluene
Concen: 8.483 ppbv
RT: 14.834 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

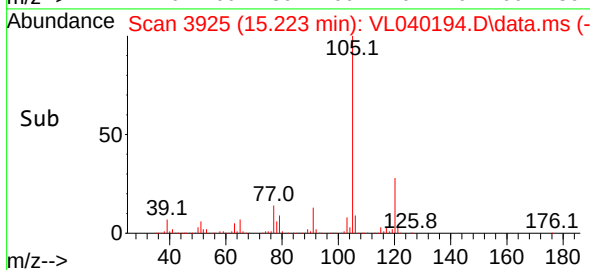
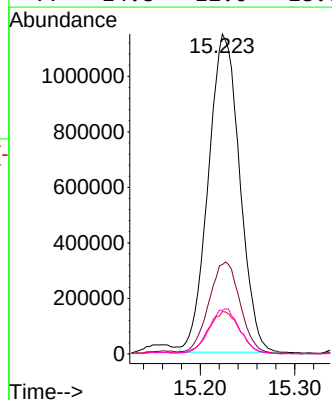
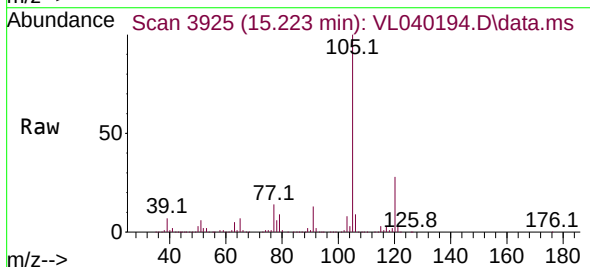
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABS01

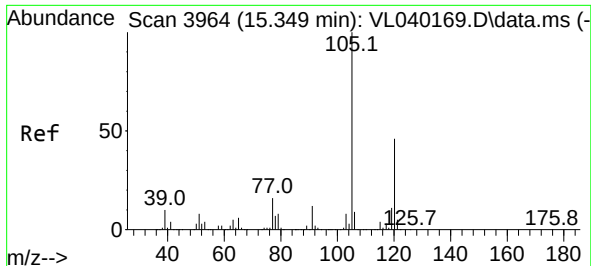
Tgt Ion: 91 Resp: 2532481
Ion Ratio Lower Upper
91 100
126 30.3 12.0 48.2



#72
4-Ethyltoluene
Concen: 8.787 ppbv
RT: 15.223 min Scan# 3925
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 105 Resp: 2641370
Ion Ratio Lower Upper
105 100
120 30.1 23.2 34.8
91 13.5 11.3 16.9
77 14.8 12.0 18.0

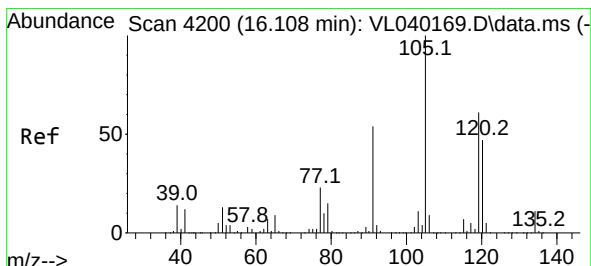
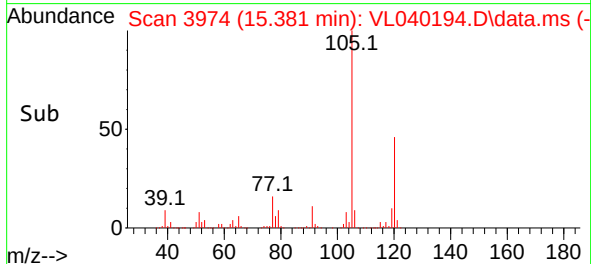
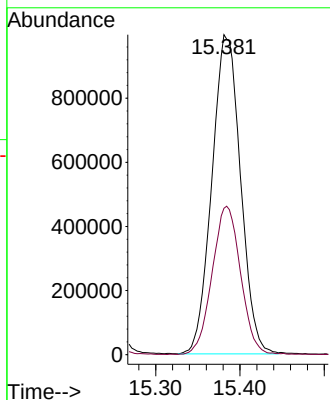
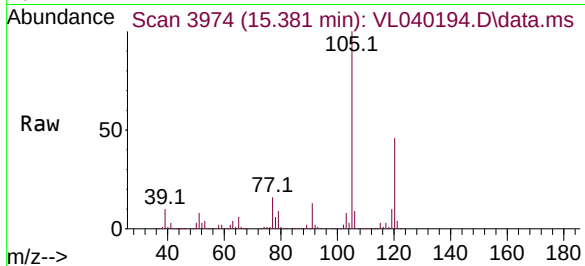




#73
1,3,5-Trimethylbenzene
Concen: 8.403 ppbv
RT: 15.381 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

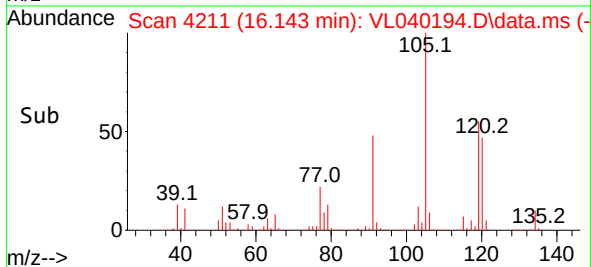
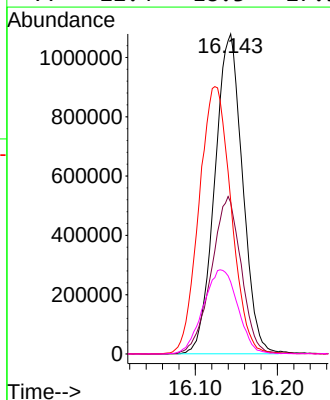
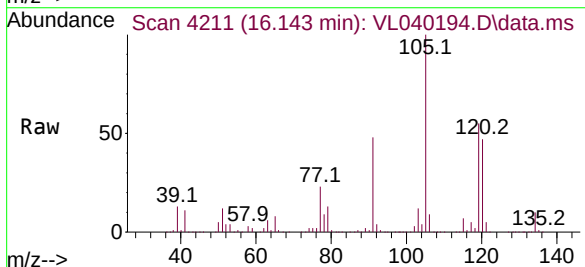
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABS01

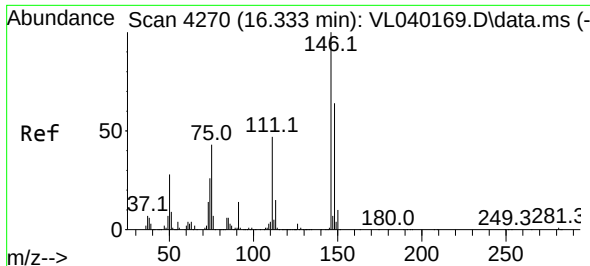
Tgt Ion:105 Resp: 2350343
Ion Ratio Lower Upper
105 100
120 45.8 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 8.259 ppbv
RT: 16.143 min Scan# 4211
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion:105 Resp: 2537429
Ion Ratio Lower Upper
105 100
120 47.1 37.9 56.9
91 47.6 43.7 65.5
77 22.4 18.3 27.5

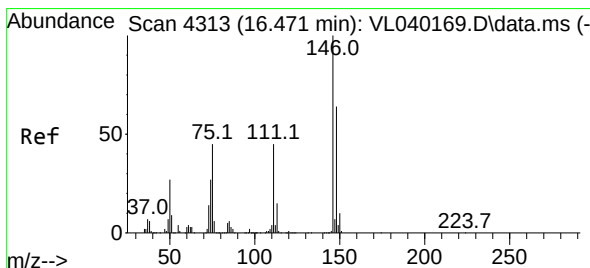
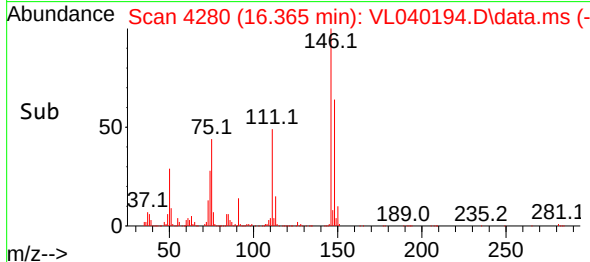
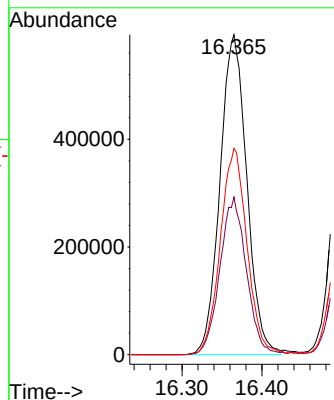
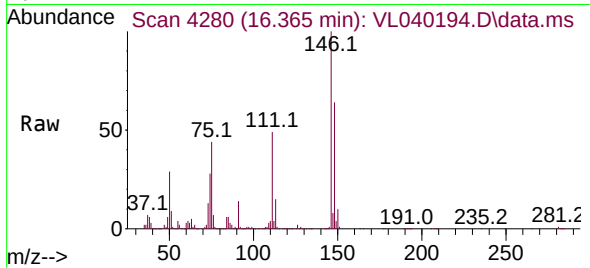




#75
1,3-Dichlorobenzene
Concen: 8.212 ppbv
RT: 16.365 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

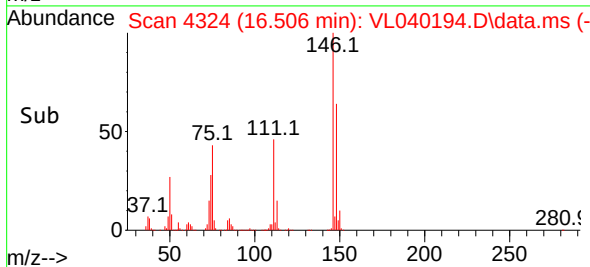
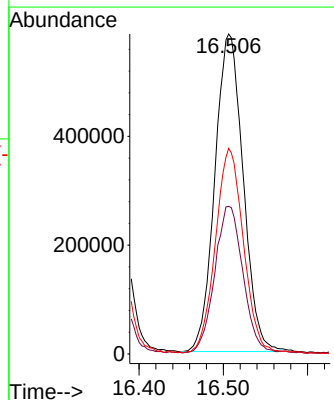
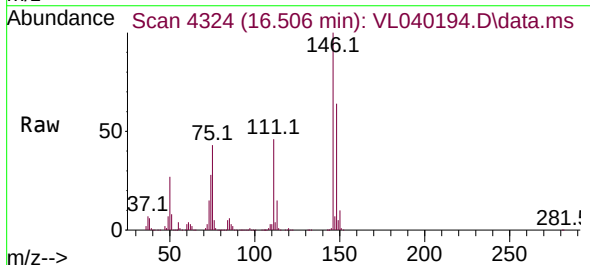
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

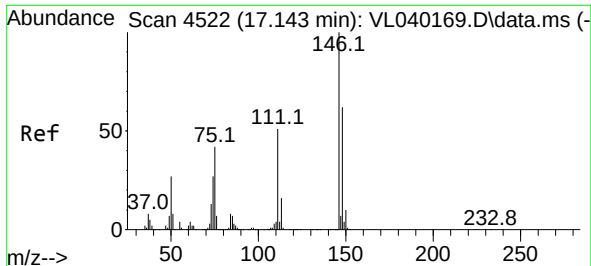
Tgt Ion:146 Resp: 1380747
Ion Ratio Lower Upper
146 100
111 48.9 23.9 71.8
148 64.4 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 8.240 ppbv
RT: 16.506 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion:146 Resp: 1357714
Ion Ratio Lower Upper
146 100
111 47.4 23.5 70.5
148 65.3 32.5 97.4

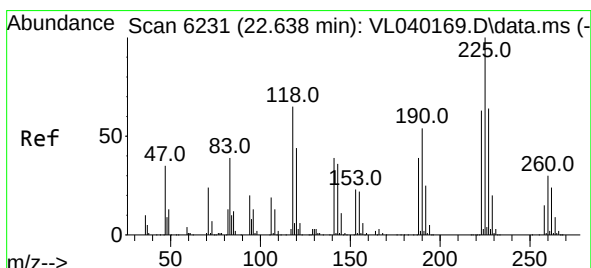
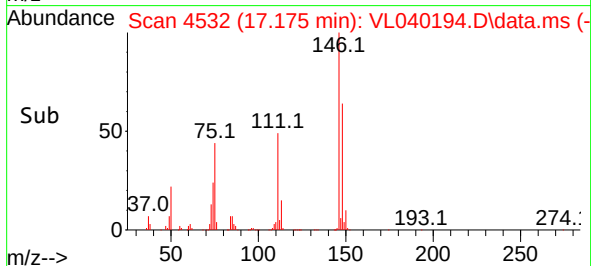
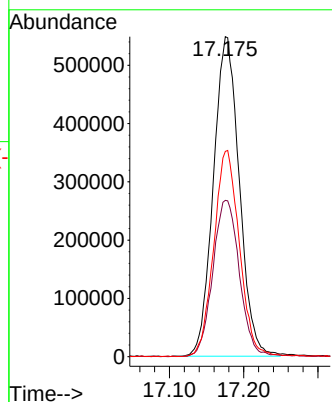
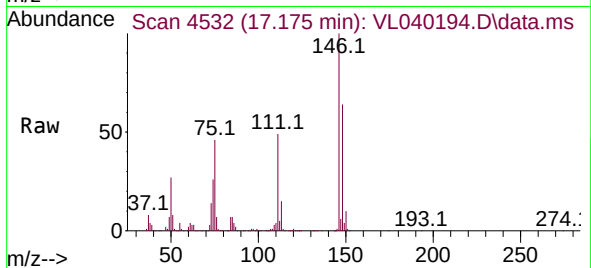




#77
1,2-Dichlorobenzene
Concen: 7.969 ppbv
RT: 17.175 min Scan# 4532
Delta R.T. -0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

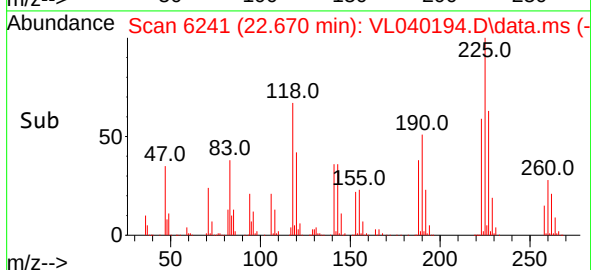
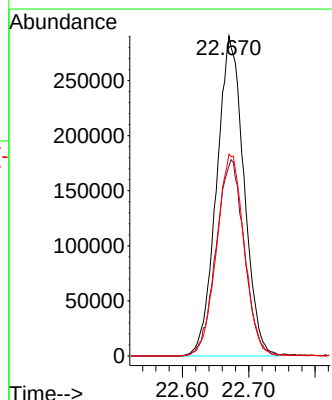
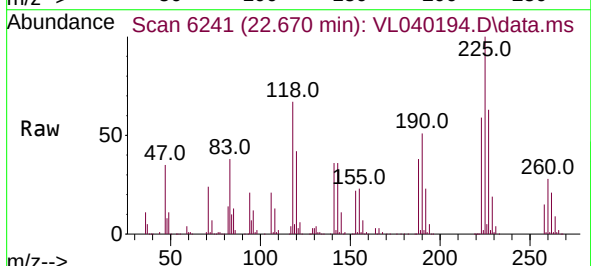
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABS01

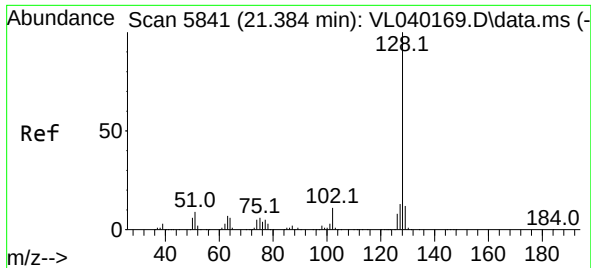
Tgt Ion:146 Resp: 1330982
Ion Ratio Lower Upper
146 100
111 50.3 25.3 75.8
148 64.2 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 7.235 ppbv
RT: 22.670 min Scan# 6241
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion:225 Resp: 830186
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 63.9 51.2 76.8

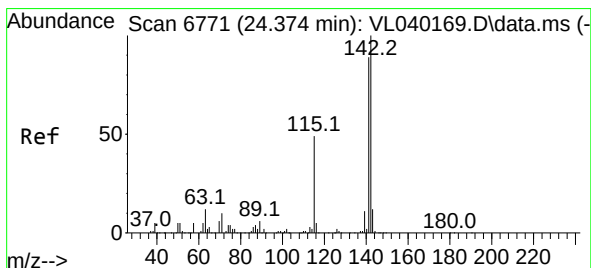
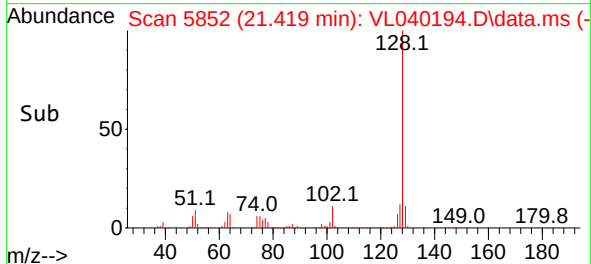
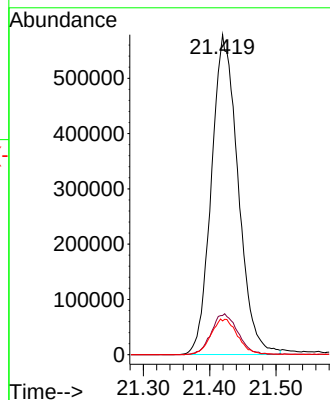
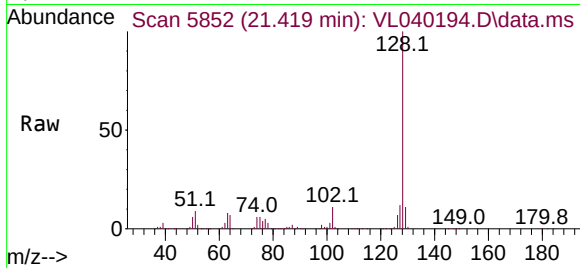




#79
Naphthalene
Concen: 9.379 ppbv
RT: 21.419 min Scan# 5852
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

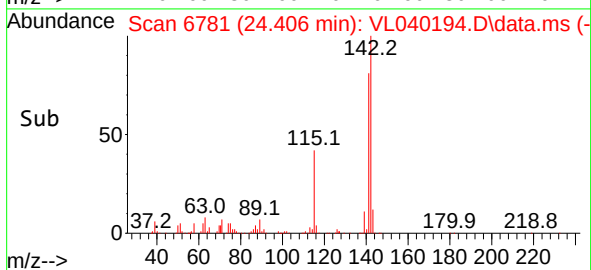
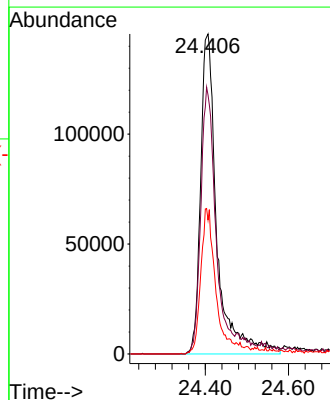
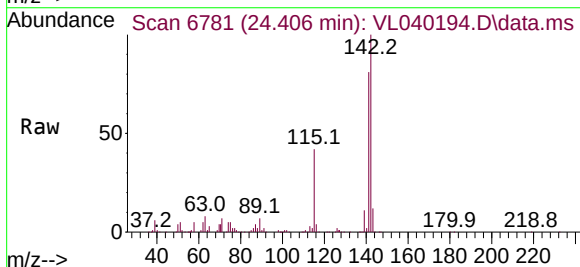
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABS01

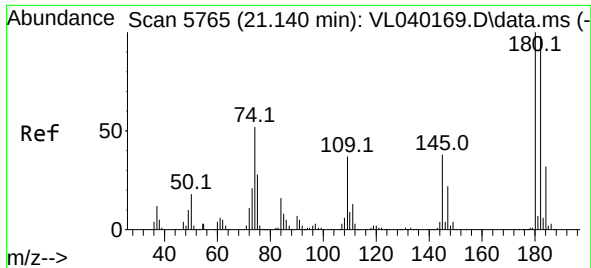
Tgt Ion:128 Resp: 1618818
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 10.6 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 8.104 ppbv
RT: 24.406 min Scan# 6781
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion:142 Resp: 397795
Ion Ratio Lower Upper
142 100
141 83.6 67.3 100.9
115 45.3 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 8.324 ppbv

RT: 21.175 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040194.D

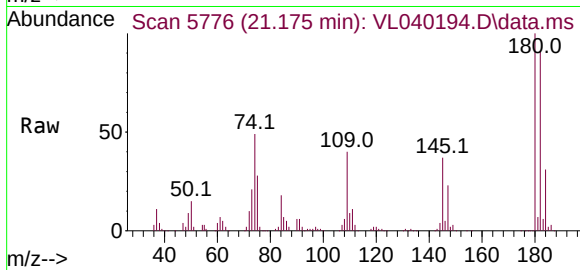
Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01



Tgt Ion:180 Resp: 899110

Ion Ratio Lower Upper

180 100

182 96.9 79.0 118.6

184 30.4 24.6 36.8

