

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040361.D
 Acq On : 13 Apr 2023 14:56
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICSVVL041323

Quant Time: Apr 14 05:52:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1110591	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2788770	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2731154	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	2210428	9.787	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1611653	8.049	ppbv	99
3) Chlorodifluoromethane	2.665	51	1294158	8.918	ppbv	100
4) Chloromethane	2.803	50	832628	9.082	ppbv	99
5) Vinyl Chloride	2.909	62	725131	9.582	ppbv	100
6) Bromomethane	3.108	94	229857	9.219	ppbv	99
7) Chloroethane	3.189	64	269664	9.411	ppbv	95
8) Dichlorotetrafluoroethane	2.848	85	1741711	8.900	ppbv	98
9) Propene	2.684	41	543656	9.482	ppbv	99
10) Heptane	7.584	43	1301279	9.987	ppbv	100
11) Trichlorofluoromethane	3.555	101	1755154	8.659	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1236674	8.723	ppbv	99
13) Ethanol	3.234	45	25240	5.274	ppbv #	57
14) Bromoethene	3.359	108	545840	9.415	ppbv	98
15) Acetone	3.459	43	1227360	7.803	ppbv	98
16) 1,3-Butadiene	2.973	39	623256	9.574	ppbv	99
17) tert-Butyl alcohol	3.870	59	1386345	9.597	ppbv	100
18) 1,1-Dichloroethene	3.874	96	568472	8.890	ppbv	99
19) Isopropyl Alcohol	3.565	45	680991	9.488	ppbv	98
20) Methylene Chloride	3.925	84	486661	7.749	ppbv	98
21) Allyl Chloride	3.989	41	847473	9.482	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	574517	8.987	ppbv	96
23) Vinyl Acetate	4.623	43	373499	9.326	ppbv	97
24) 1,1-Dichloroethane	4.562	63	1175392	8.818	ppbv	100
25) Ethyl Acetate	5.205	43	2505892	9.467	ppbv	100
26) Hexane	5.211	57	1061079	9.509	ppbv	98
27) Carbon Disulfide	4.118	76	1409915	9.764	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1047928	9.098	ppbv	99
29) Chloroform	5.275	83	1803686	9.074	ppbv	98
30) Cyclohexane	6.610	84	878902	10.170	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	1112906	10.062	ppbv	100
32) 1,1,1-Trichloroethane	6.005	97	1814158	9.393	ppbv	99
34) 2-Butanone	4.784	43	1477004	9.822	ppbv	100
35) Carbon Tetrachloride	6.497	117	1852832	9.438	ppbv	99
36) Benzene	6.375	78	2220424	9.759	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1406022	9.408	ppbv	100
38) Trichloroethene	7.298	130	1331064	10.279	ppbv	97
39) 1,2-Dichloropropane	7.079	63	858042	9.584	ppbv	98
40) 1,4-Dioxane	7.291	88	355611	10.371	ppbv #	96
41) Tetrahydrofuran	5.555	42	843144	10.238	ppbv	99
42) Bromodichloromethane	7.256	83	1954408	9.576	ppbv	99
43) Methyl Methacrylate	7.481	69	888210	10.510	ppbv	100
44) 2,2,4-Trimethylpentane	7.330	57	3639727	9.577	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	859555	11.387	ppbv	95

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 ClientSampleId :
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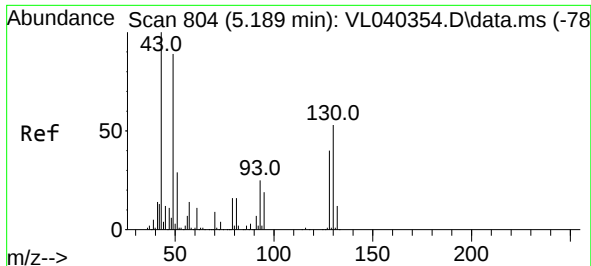
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1163733	11.076	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	924583	9.419	ppbv	98
48) Dibromochloromethane	9.722	129	1561307	9.876	ppbv	100
49) Bromoform	12.420	173	1202658	9.754	ppbv	99
50) 4-Methyl-2-Pentanone	8.189	43	2292252	10.053	ppbv	99
51) 2-Hexanone	9.558	43	1780182	10.566	ppbv	99
52) Tetrachloroethene	10.629	164	737408	10.361	ppbv	95
53) Toluene	9.230	91	2511359	10.411	ppbv	100
54) 1,2-Dibromoethane	10.018	107	994573	9.994	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.520	131	1101766	8.838	ppbv	96
57) Chlorobenzene	11.539	112	1900014	8.885	ppbv	98
58) Ethyl Benzene	12.102	91	3376510	10.050	ppbv	98
59) m/p-Xylene	12.388	91	3114714	10.081	ppbv #	41
60) o-Xylene	13.073	91	2785159	9.393	ppbv	100
61) Styrene	12.912	104	1605340	10.808	ppbv	99
62) Isopropylbenzene	14.044	105	3907264	9.150	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	852165	7.853	ppbv	99
64) n-propylbenzene	14.931	120	995251	9.472	ppbv	97
65) tert-Butylbenzene	16.108	119	3438211	9.151	ppbv	99
66) Benzyl Chloride	16.339	91	131102	5.636	ppbv #	78
67) sec-Butylbenzene	16.651	105	4962653	9.196	ppbv	100
69) p-Isopropyltoluene	17.008	119	4031359	9.567	ppbv	99
70) n-Butylbenzene	17.902	91	4516629	9.669	ppbv	100
71) 2-Chlorotoluene	14.815	91	3017674	9.205	ppbv	100
72) 4-Ethyltoluene	15.208	105	3193891	9.757	ppbv	100
73) 1,3,5-Trimethylbenzene	15.365	105	2879587	9.523	ppbv	97
74) 1,2,4-Trimethylbenzene	16.124	105	3158195	9.138	ppbv	96
75) 1,3-Dichlorobenzene	16.346	146	1738707	9.185	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1707270	9.128	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1712561	9.149	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1401389	9.338	ppbv	100
79) Naphthalene	21.400	128	3119411	13.371	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	939953	13.536	ppbv	98
81) 1,2,4-Trichlorobenzene	21.156	180	1598093	11.147	ppbv	99

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

Quant Time: Apr 14 05:52:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
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Response via : Initial Calibration

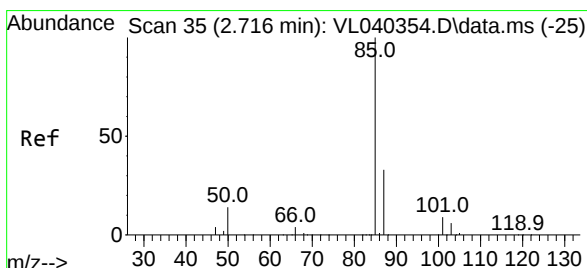
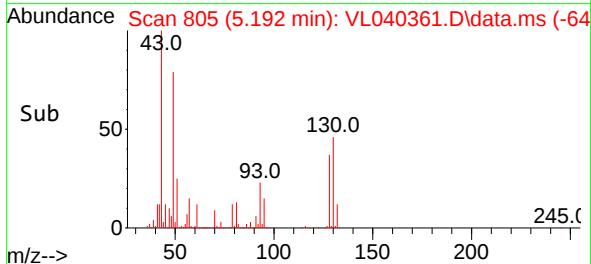
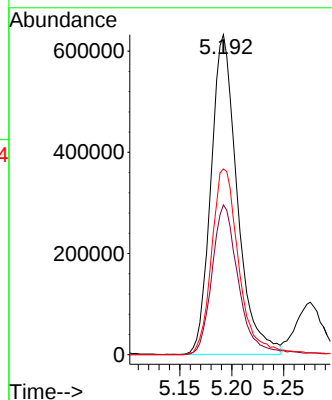
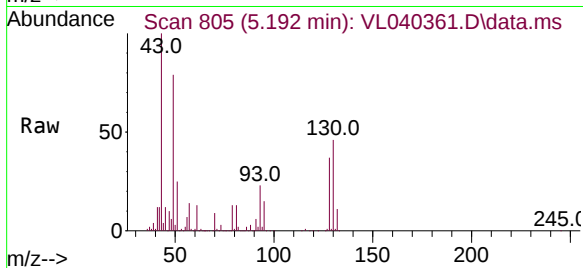




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

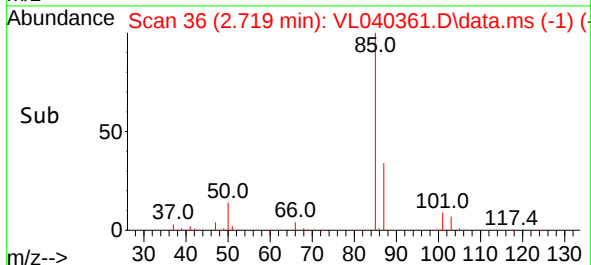
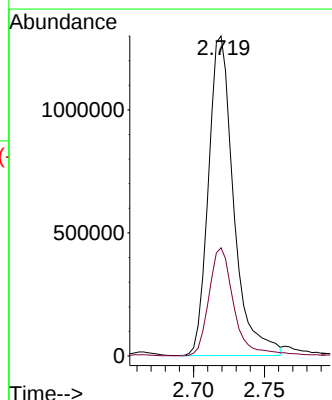
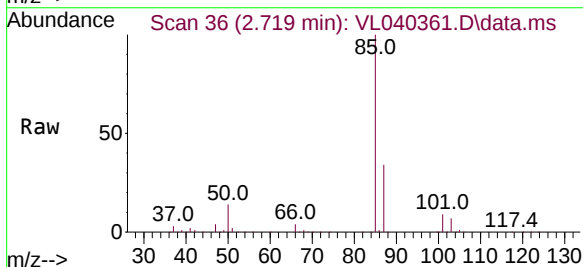
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MSVOA_V
ClientSampleId :
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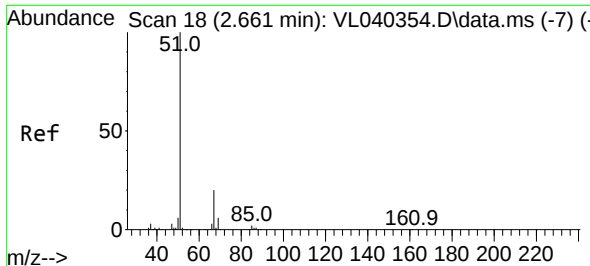
Tgt Ion: 49 Resp: 1110591
Ion Ratio Lower Upper
49 100
128 48.0 23.7 71.1
130 60.8 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 8.049 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 85 Resp: 1611653
Ion Ratio Lower Upper
85 100
87 33.8 26.6 40.0

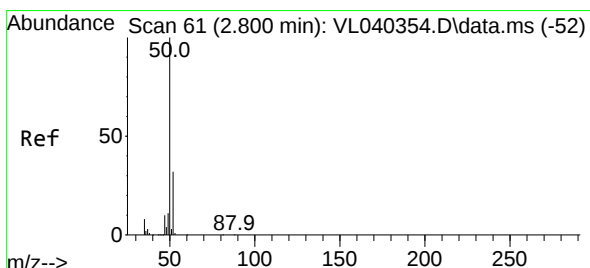
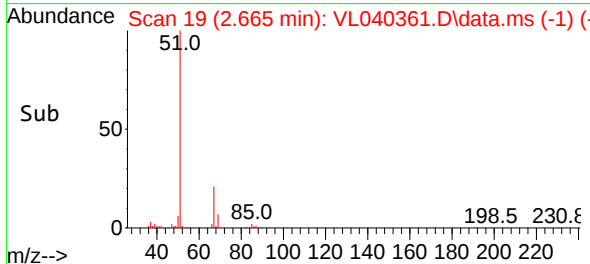
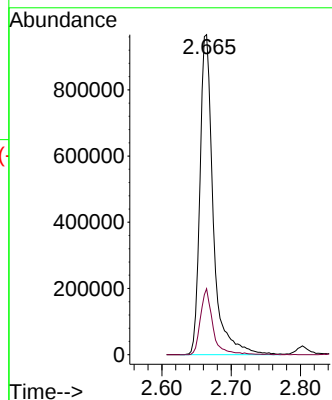
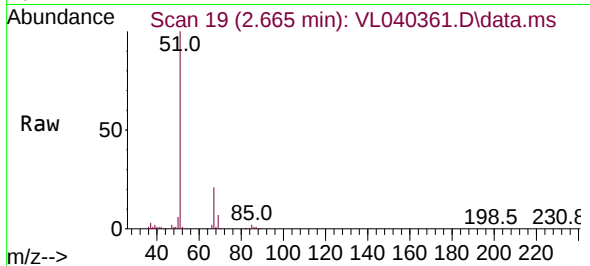




#3
Chlorodifluoromethane
Concen: 8.918 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

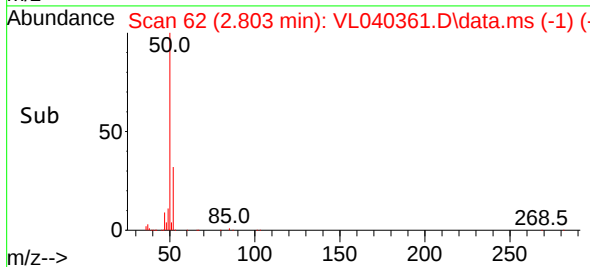
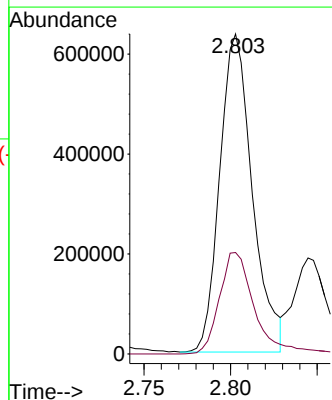
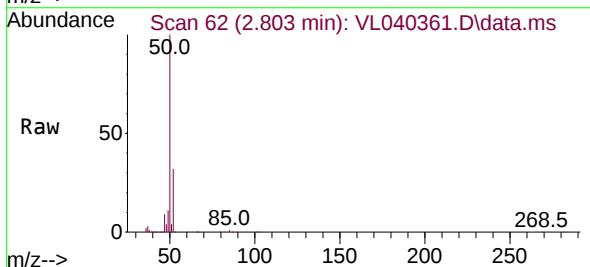
Instrument :
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ClientSampleId :
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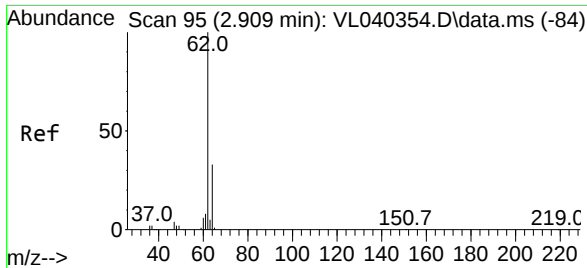
Tgt Ion: 51 Resp: 1294158
Ion Ratio Lower Upper
51 100
67 19.3 15.5 23.3



#4
Chloromethane
Concen: 9.082 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 50 Resp: 832628
Ion Ratio Lower Upper
50 100
52 31.9 25.3 37.9

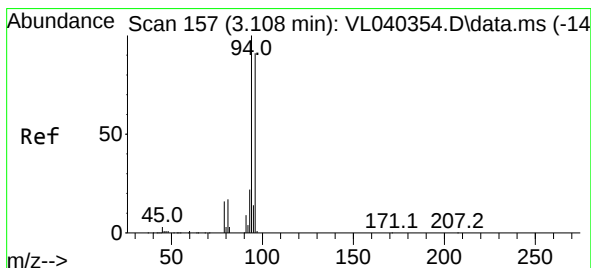
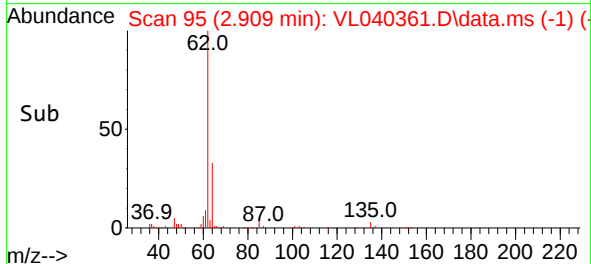
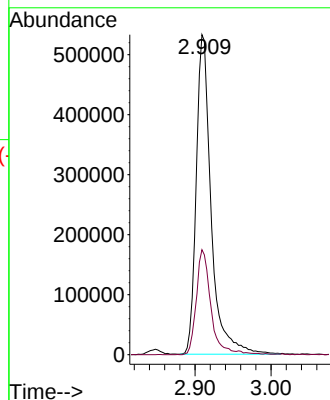
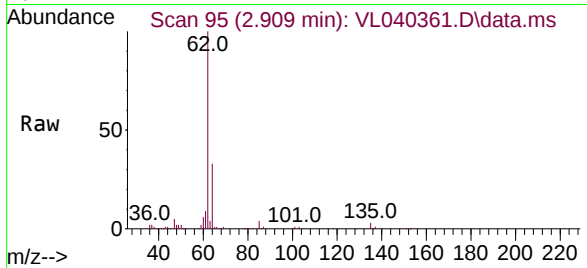




#5
 Vinyl Chloride
 Concen: 9.582 ppbv
 RT: 2.909 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

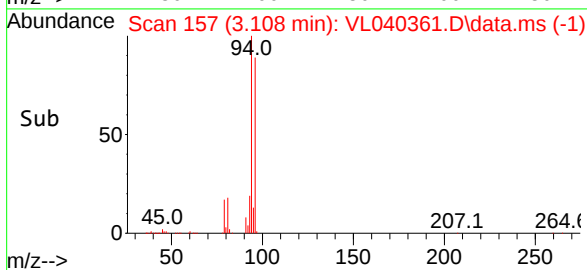
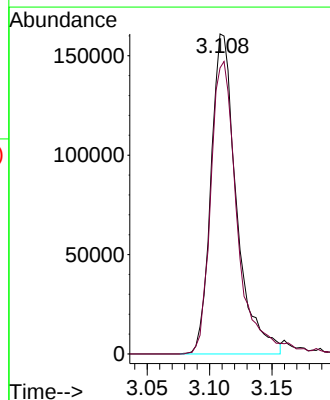
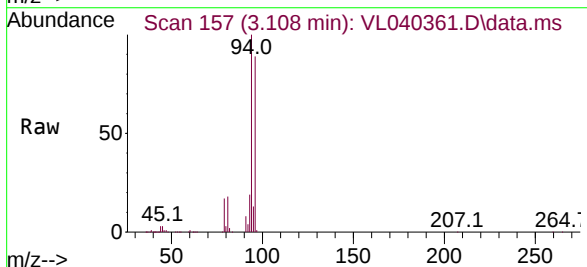
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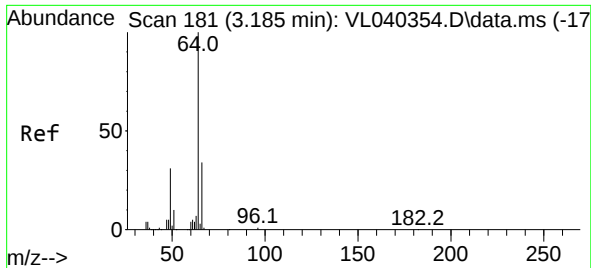
Tgt Ion: 62 Resp: 725131
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.3 39.5



#6
 Bromomethane
 Concen: 9.219 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Tgt Ion: 94 Resp: 229857
 Ion Ratio Lower Upper
 94 100
 96 89.4 72.6 108.8

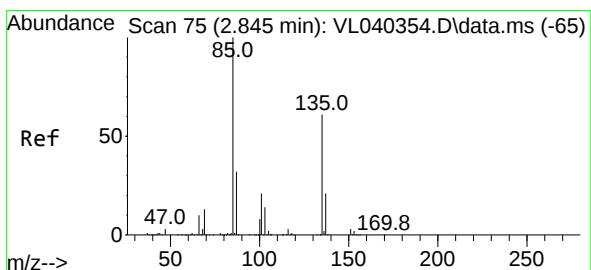
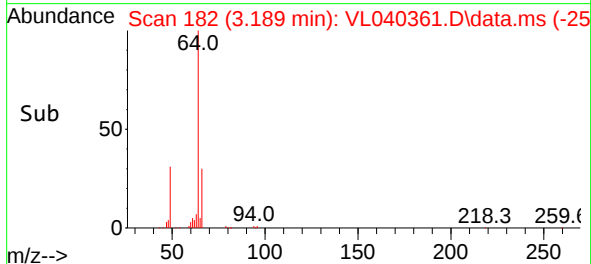
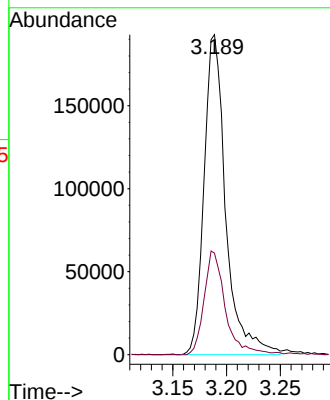
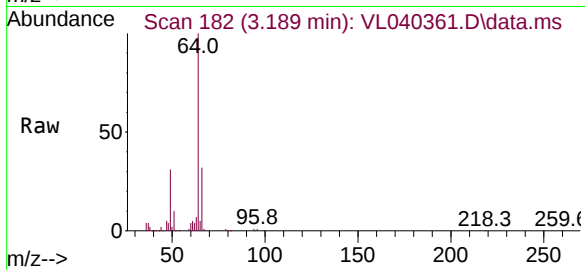




#7
Chloroethane
Concen: 9.411 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

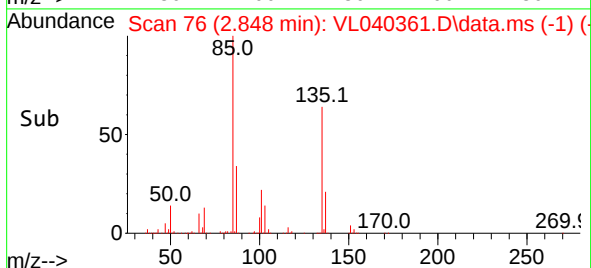
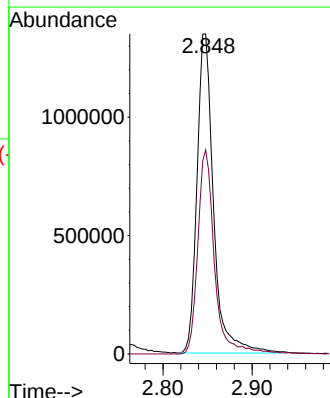
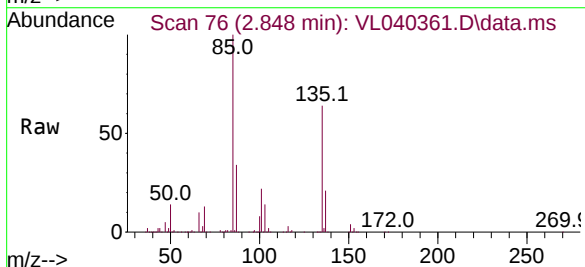
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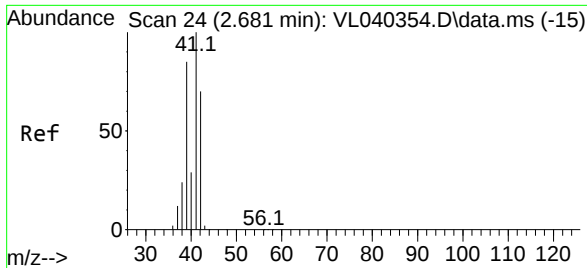
Tgt Ion: 64 Resp: 269664
Ion Ratio Lower Upper
64 100
66 31.8 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 8.900 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 85 Resp: 1741711
Ion Ratio Lower Upper
85 100
135 64.8 50.7 76.1





#9

Propene

Concen: 9.482 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

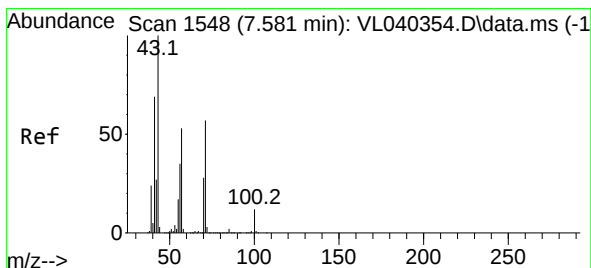
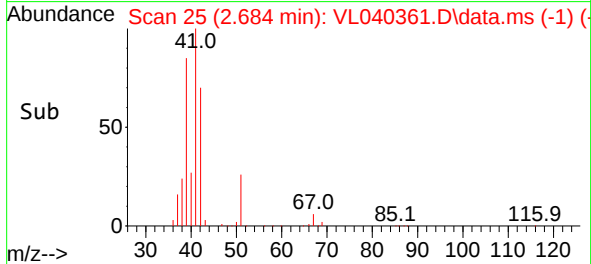
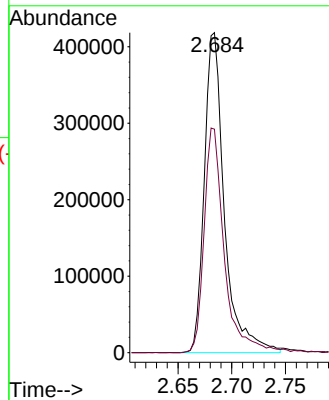
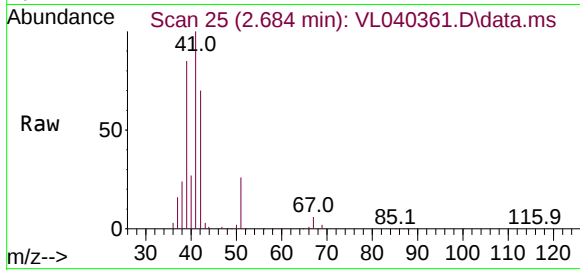
ICVVL041323

Tgt Ion: 41 Resp: 543656

Ion Ratio Lower Upper

41 100

42 71.2 56.5 84.7



#10

Heptane

Concen: 9.987 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL040361.D

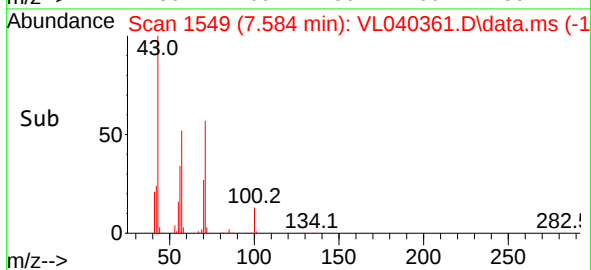
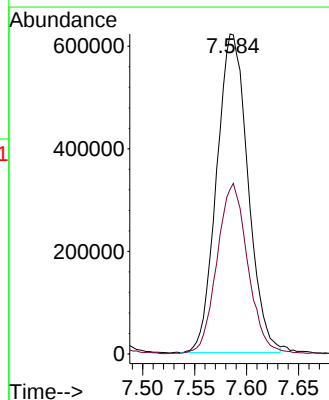
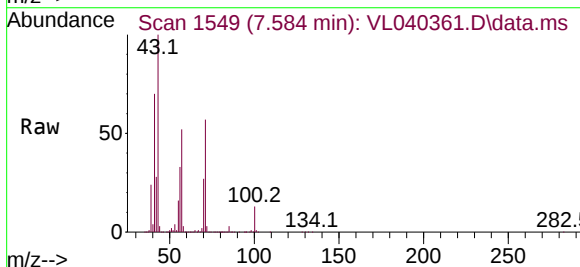
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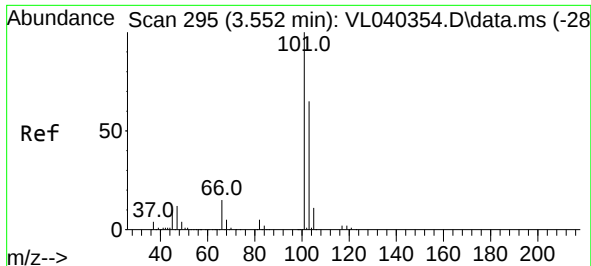
Tgt Ion: 43 Resp: 1301279

Ion Ratio Lower Upper

43 100

57 52.7 42.2 63.4

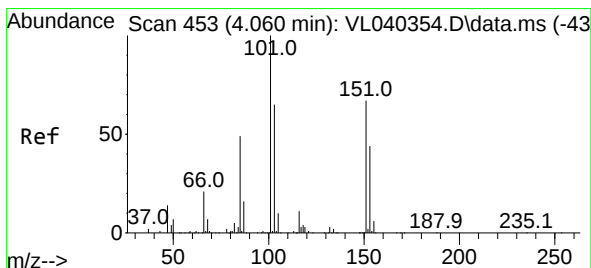
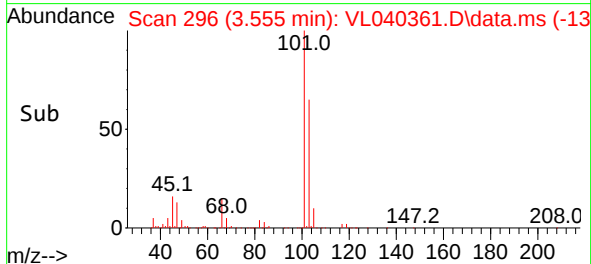
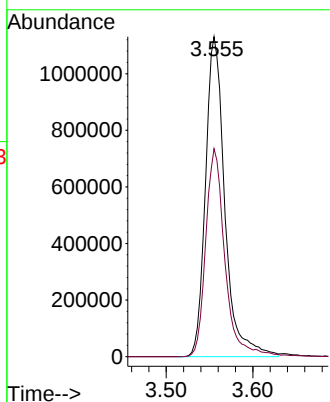
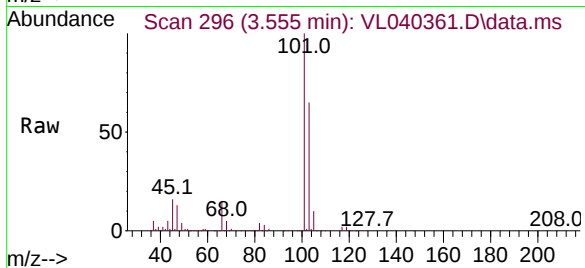




#11
 Trichlorofluoromethane
 Concen: 8.659 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

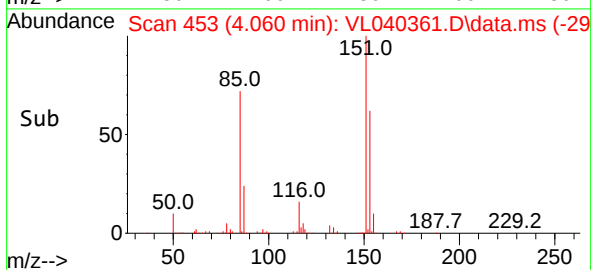
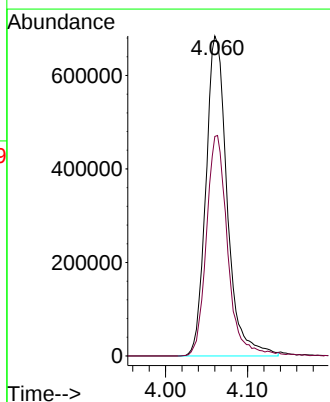
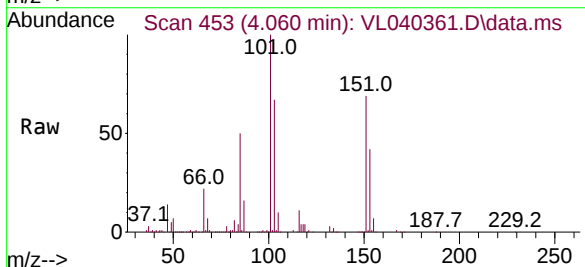
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVL041323

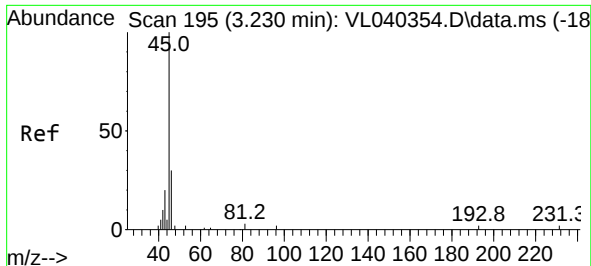
Tgt Ion:101 Resp: 1755154
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.723 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Tgt Ion:101 Resp: 1236674
 Ion Ratio Lower Upper
 101 100
 151 69.2 54.7 82.1

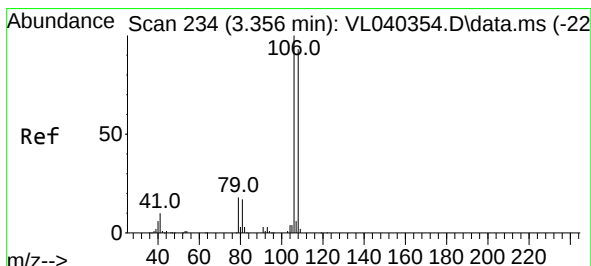
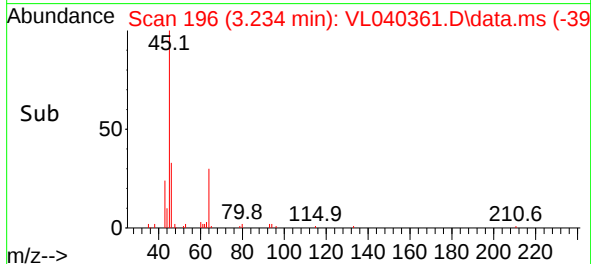
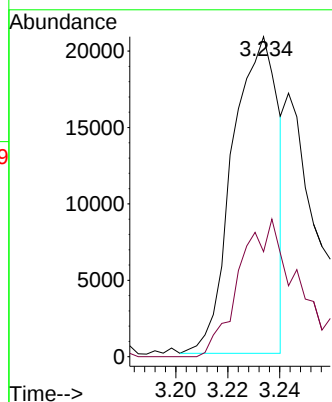
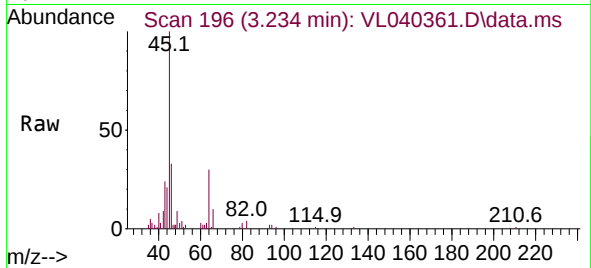




#13
Ethanol
Concen: 5.274 ppbv
RT: 3.234 min Scan# 195
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

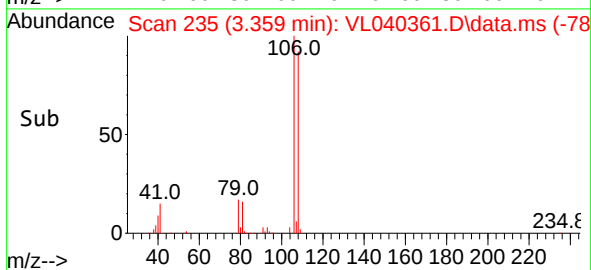
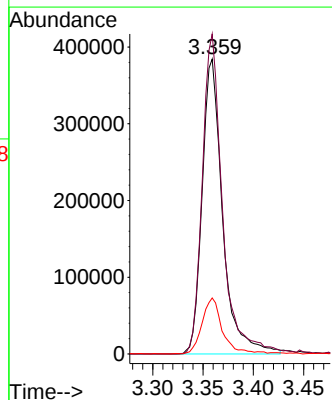
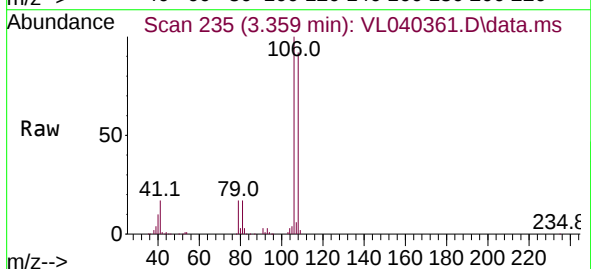
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

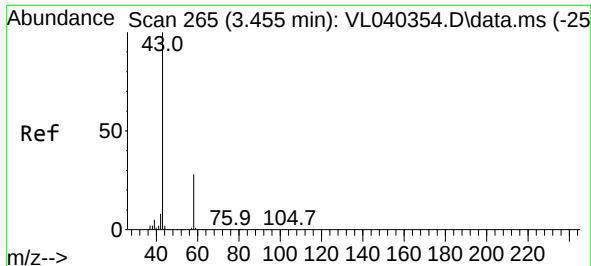
Tgt Ion: 45 Resp: 25240
Ion Ratio Lower Upper
45 100
46 64.4 15.3 61.3#



#14
Bromoethene
Concen: 9.415 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 108 Resp: 545840
Ion Ratio Lower Upper
108 100
106 108.1 88.3 132.5
79 20.0 16.1 24.1





#15

Acetone

Concen: 7.803 ppbv

RT: 3.459 min Scan# 2

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

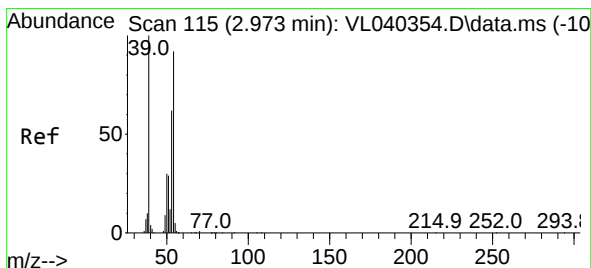
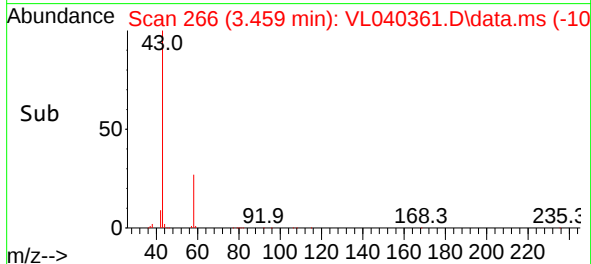
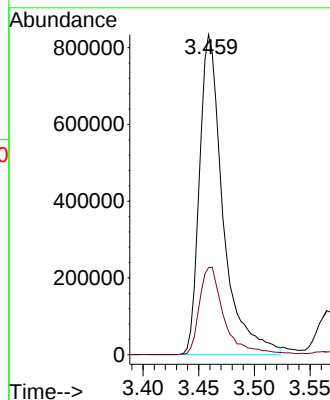
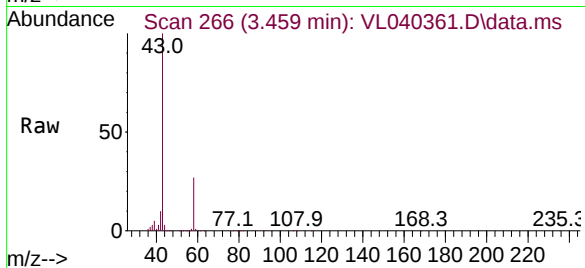
ICVVL041323

Tgt Ion: 43 Resp: 1227360

Ion Ratio Lower Upper

43 100

58 28.9 22.2 33.2



#16

1,3-Butadiene

Concen: 9.574 ppbv

RT: 2.973 min Scan# 115

Delta R.T. 0.000 min

Lab File: VL040361.D

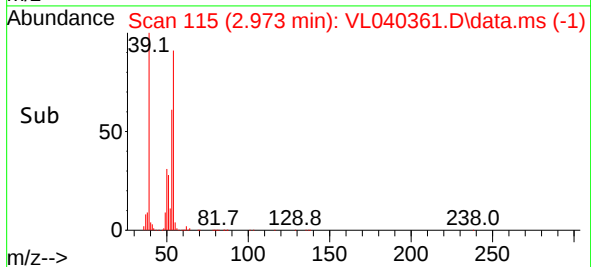
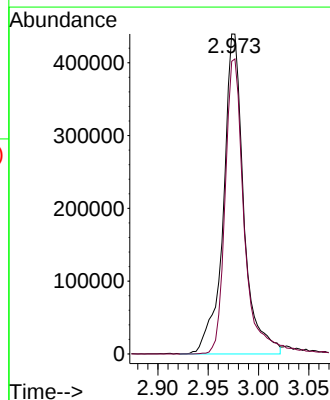
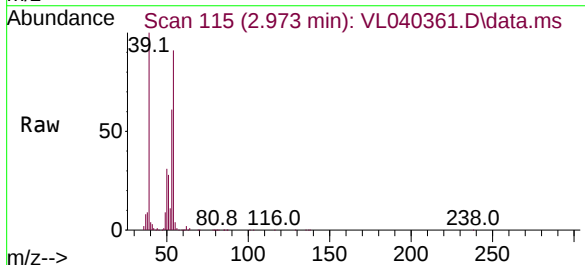
Acq: 13 Apr 2023 14:56

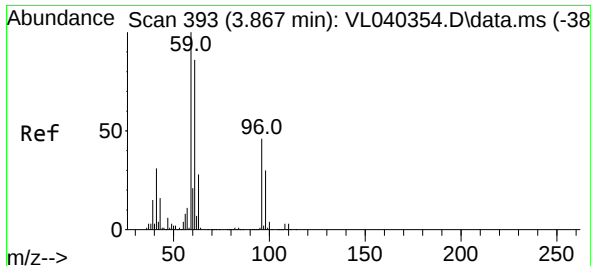
Tgt Ion: 39 Resp: 623256

Ion Ratio Lower Upper

39 100

54 87.3 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.597 ppbv

RT: 3.870 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

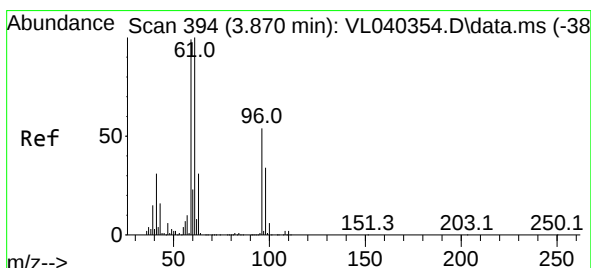
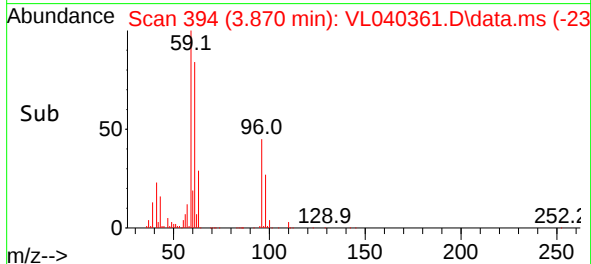
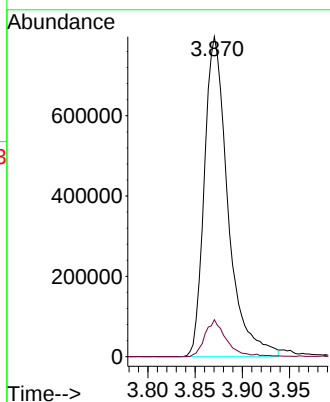
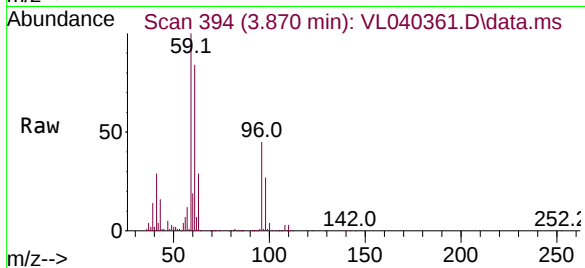
ICVVL041323

Tgt Ion: 59 Resp: 1386345

Ion Ratio Lower Upper

59 100

57 10.7 8.5 12.7



#18

1,1-Dichloroethene

Concen: 8.890 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

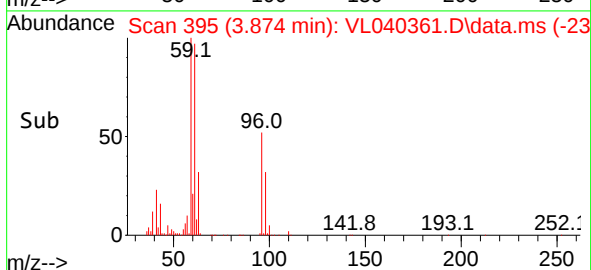
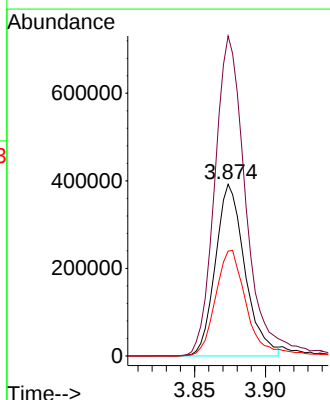
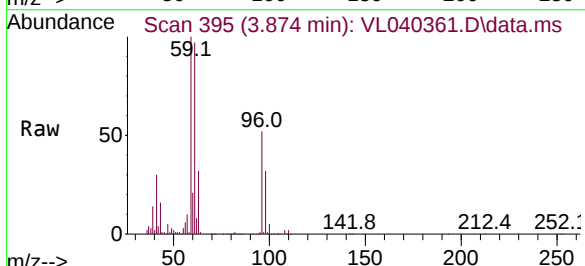
Tgt Ion: 96 Resp: 568472

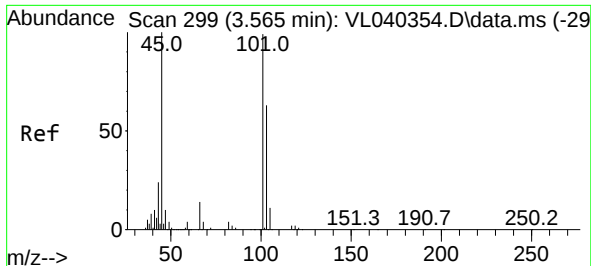
Ion Ratio Lower Upper

96 100

61 186.3 148.3 222.5

98 61.0 49.8 74.8

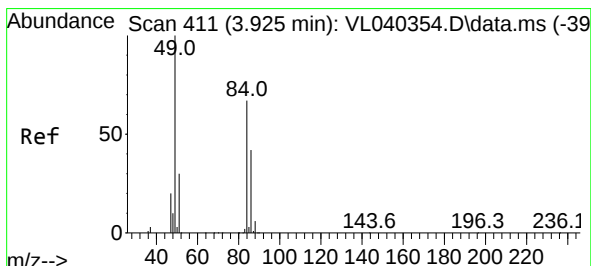
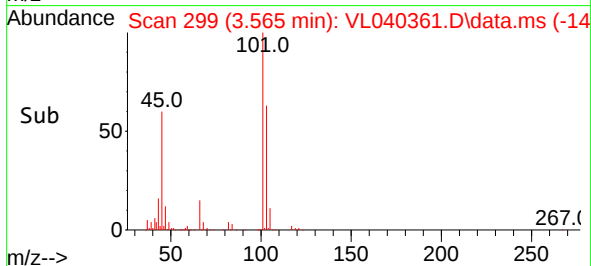
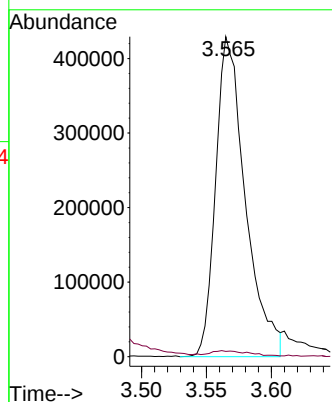
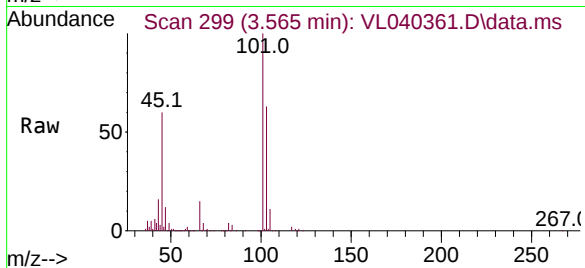




#19
Isopropyl Alcohol
Concen: 9.488 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

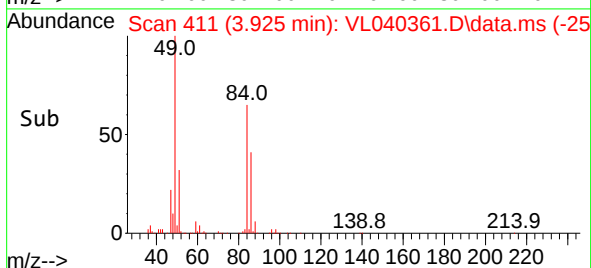
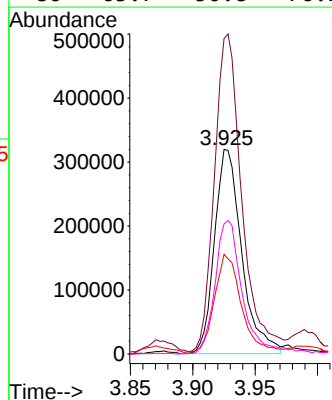
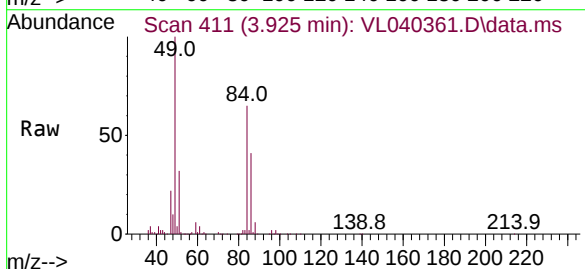
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

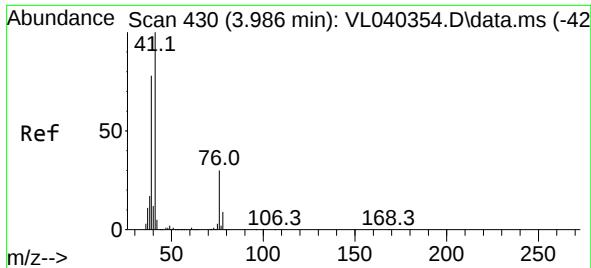
Tgt Ion: 45 Resp: 680991
Ion Ratio Lower Upper
45 100
58 2.8 2.6 4.0



#20
Methylene Chloride
Concen: 7.749 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 84 Resp: 486661
Ion Ratio Lower Upper
84 100
49 152.6 120.1 180.1
51 47.4 36.3 54.5
86 63.7 50.8 76.2





#21

Allyl Chloride

Concen: 9.482 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

ICVVL041323

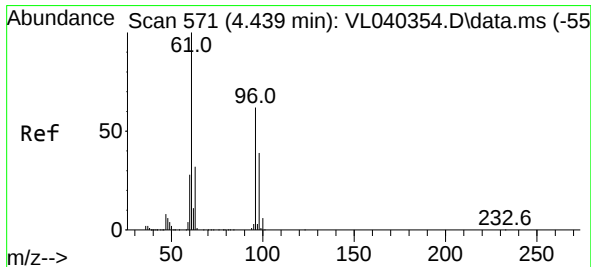
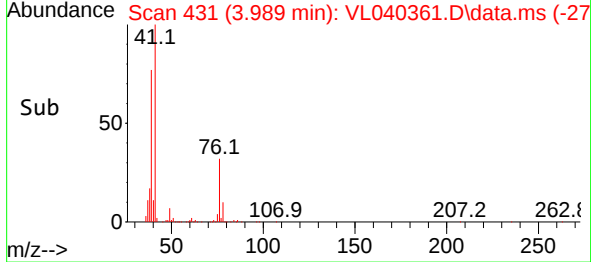
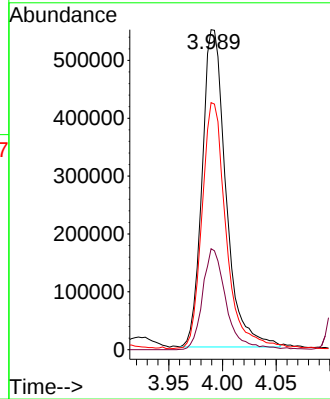
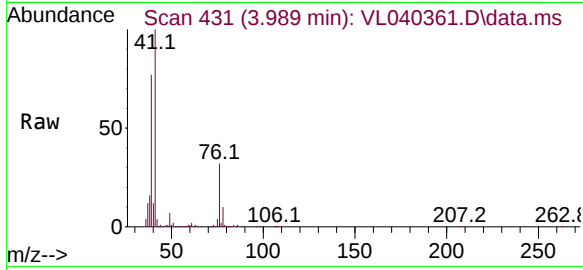
Tgt Ion: 41 Resp: 847473

Ion Ratio Lower Upper

41 100

76 31.6 25.5 38.3

39 79.1 64.0 96.0



#22

trans-1,2-Dichloroethene

Concen: 8.987 ppbv

RT: 4.439 min Scan# 571

Delta R.T. 0.000 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

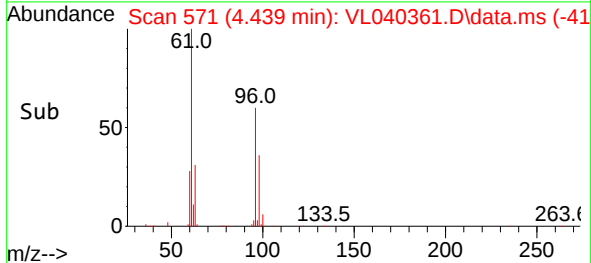
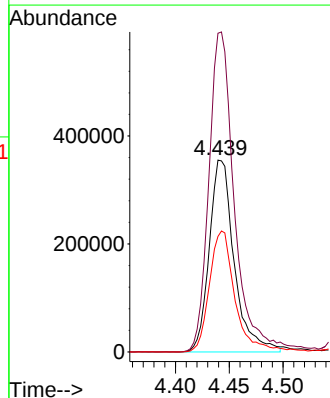
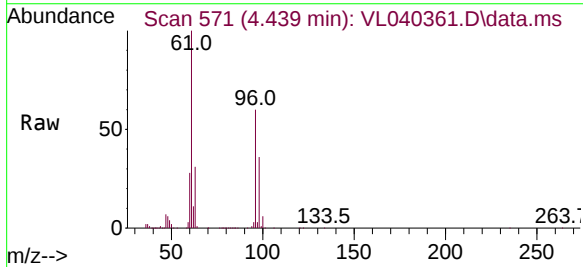
Tgt Ion: 96 Resp: 574517

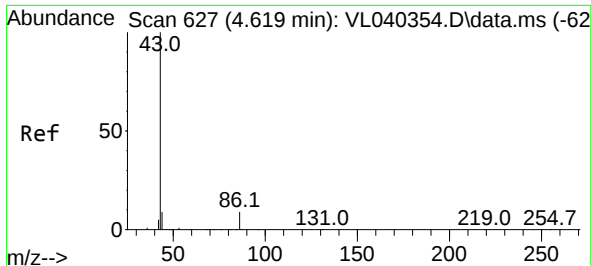
Ion Ratio Lower Upper

96 100

61 166.1 129.4 194.2

98 60.2 51.0 76.4



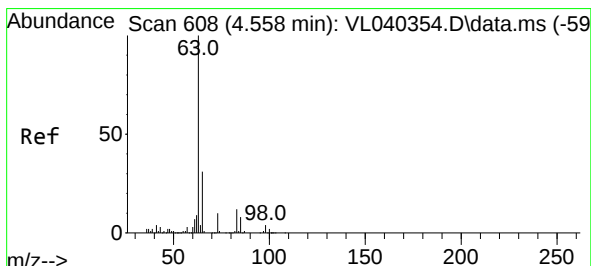
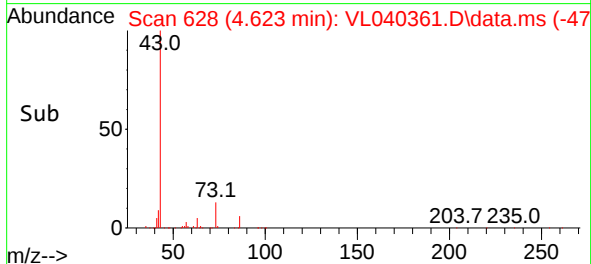
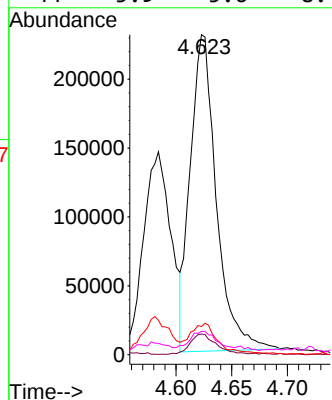
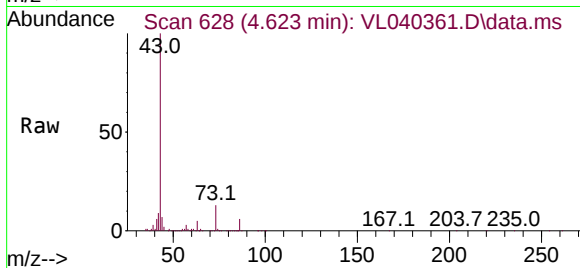


#23
 Vinyl Acetate
 Concen: 9.326 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVL041323

Tgt Ion: 43 Resp: 373499

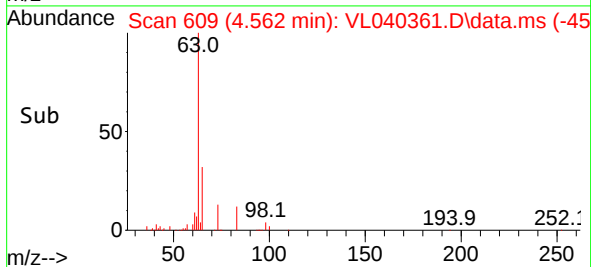
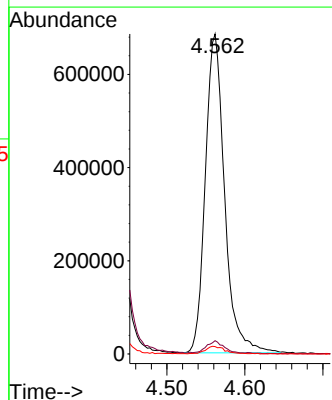
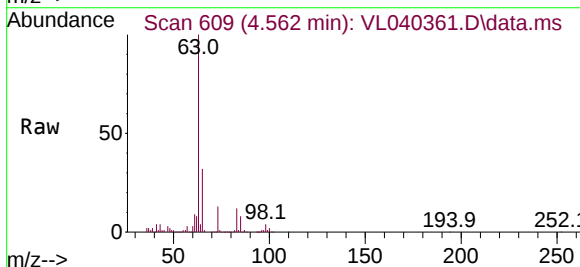
Ion	Ratio	Lower	Upper
43	100		
86	6.1	6.0	9.0
42	8.5	6.4	9.6
44	5.9	5.6	8.4

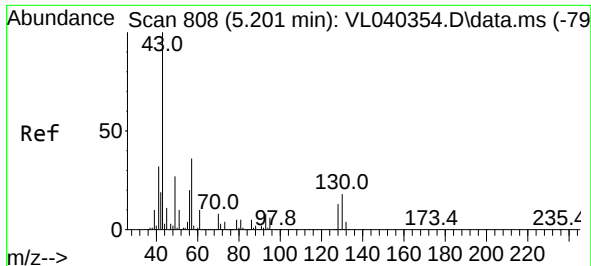


#24
 1,1-Dichloroethane
 Concen: 8.818 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Tgt Ion: 63 Resp: 1175392

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.2
100	2.2	1.2	3.6



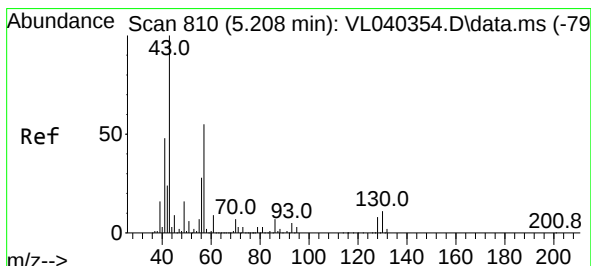
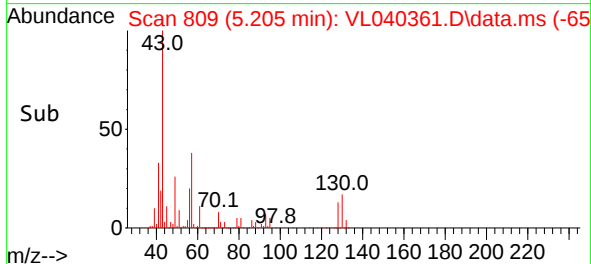
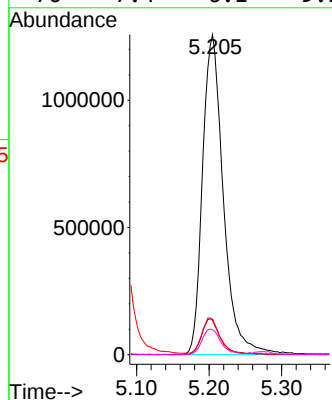
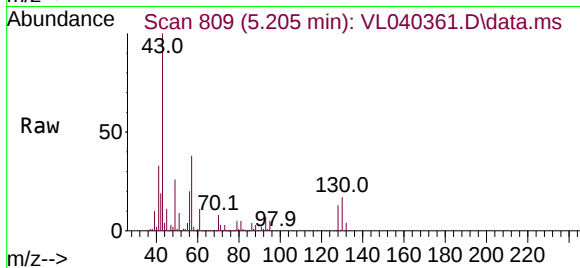


#25
Ethyl Acetate
Concen: 9.467 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

Tgt Ion: 43 Resp: 2505892

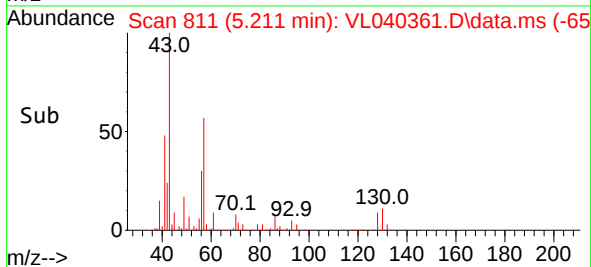
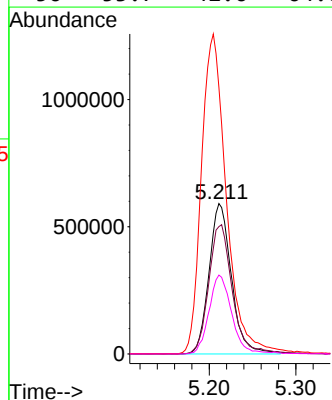
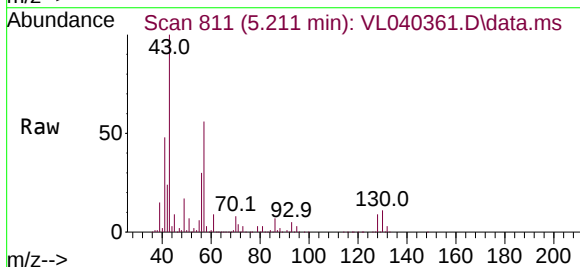
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.6	8.5	12.7
70	7.4	6.1	9.1

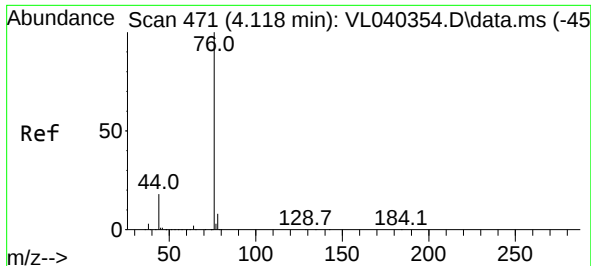


#26
Hexane
Concen: 9.509 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 57 Resp: 1061079

Ion	Ratio	Lower	Upper
57	100		
41	91.2	74.8	112.2
43	238.4	192.7	289.1
56	53.7	42.6	64.0

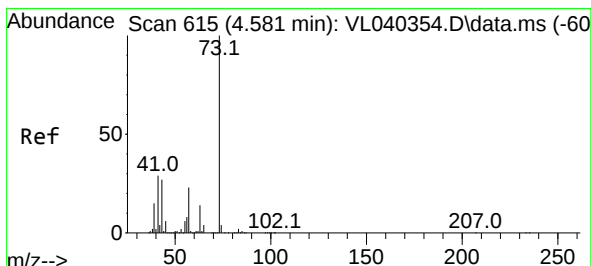
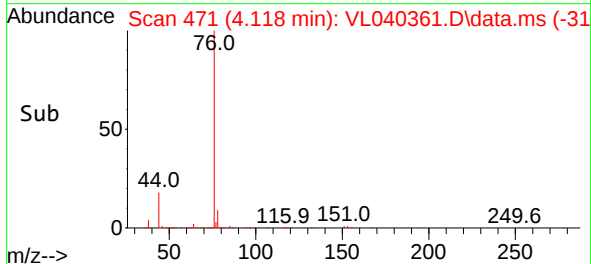
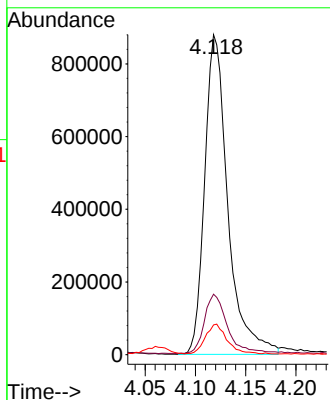
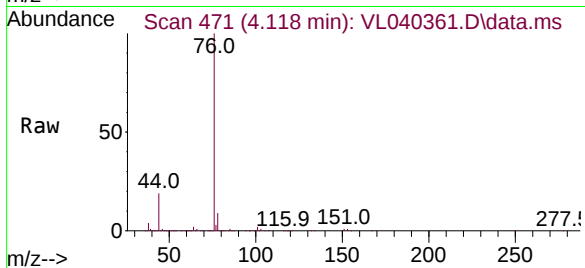




#27
Carbon Disulfide
Concen: 9.764 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

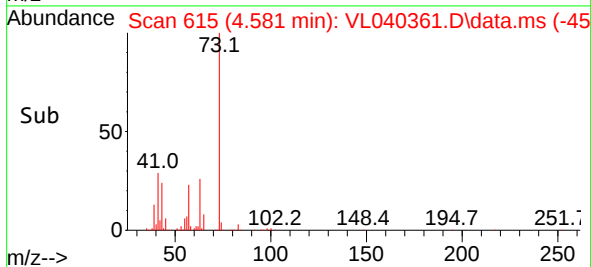
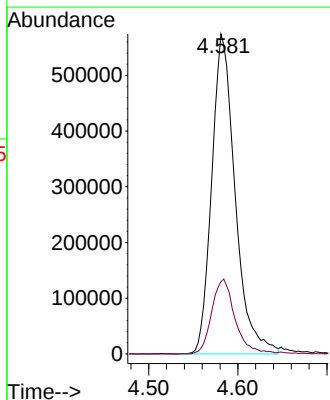
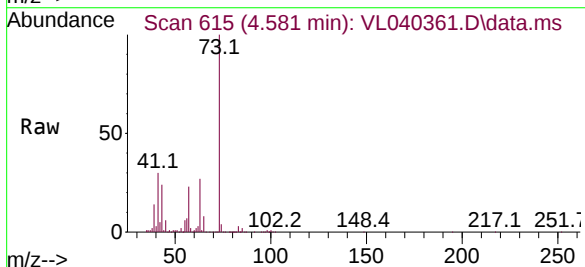
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

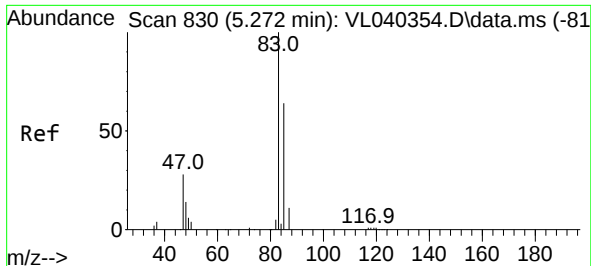
Tgt Ion: 76 Resp: 1409915
Ion Ratio Lower Upper
76 100
44 18.8 14.7 22.1
78 10.0 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 9.098 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 73 Resp: 1047928
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8





#29

Chloroform

Concen: 9.074 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

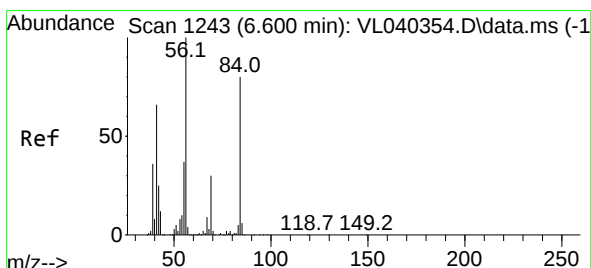
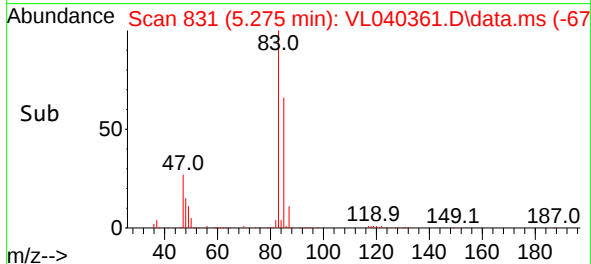
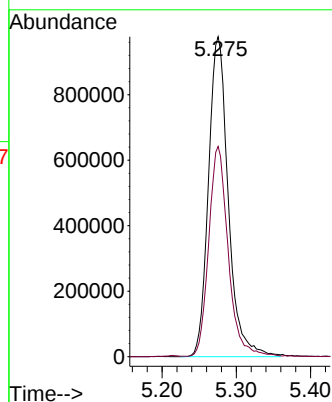
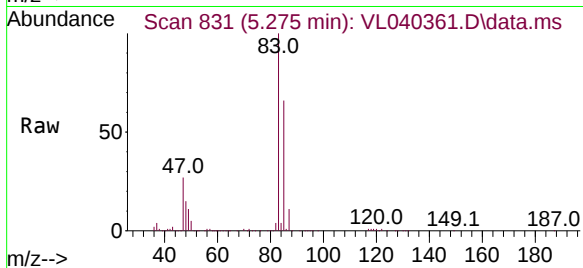
ICVVL041323

Tgt Ion: 83 Resp: 1803686

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.4



#30

Cyclohexane

Concen: 10.170 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.010 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

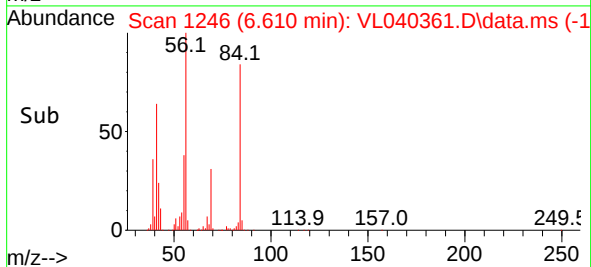
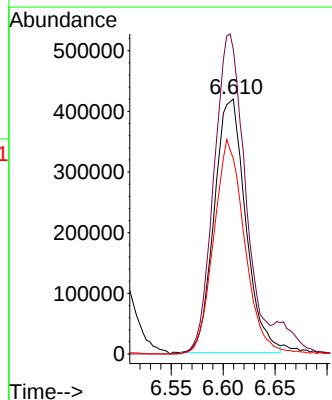
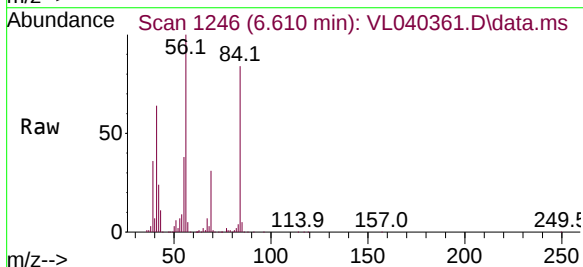
Tgt Ion: 84 Resp: 878902

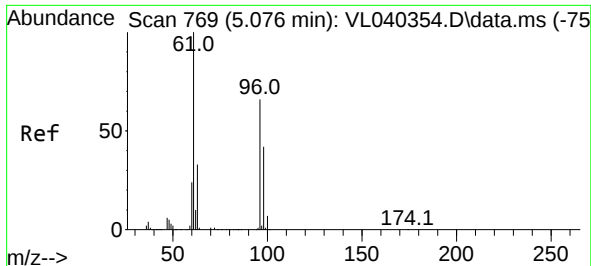
Ion Ratio Lower Upper

84 100

56 134.6 107.0 160.6

41 83.5 66.7 100.1

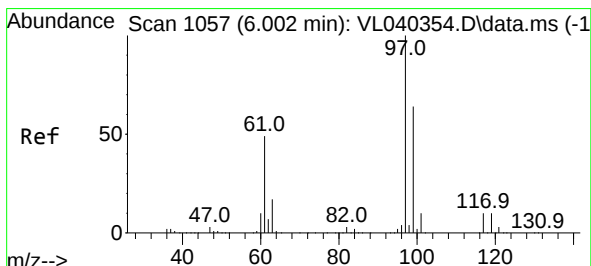
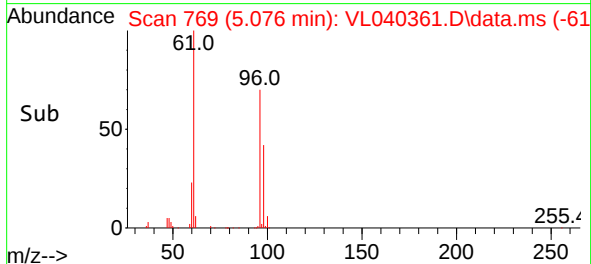
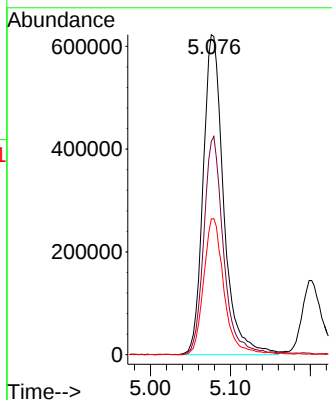
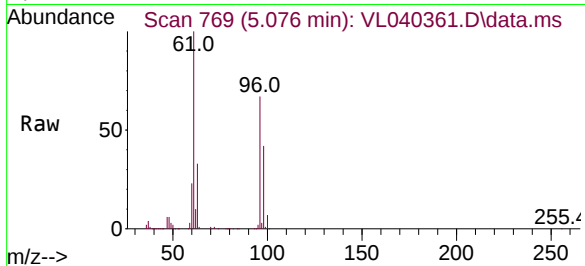




#31
 cis-1,2-Dichloroethene
 Concen: 10.062 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

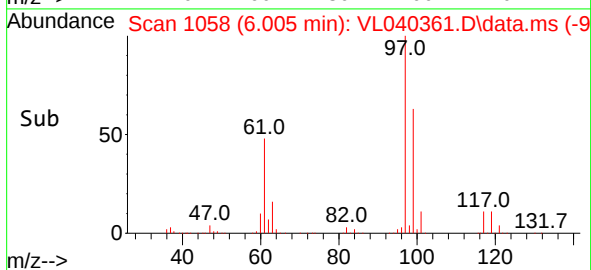
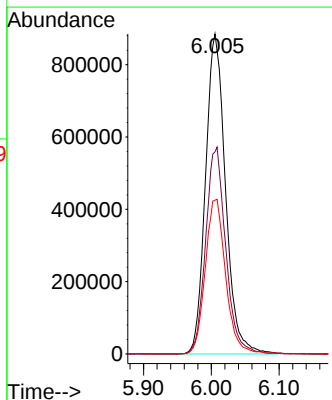
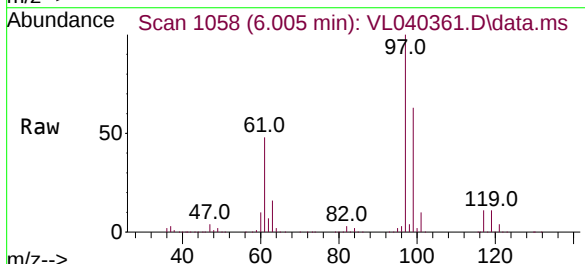
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVL041323

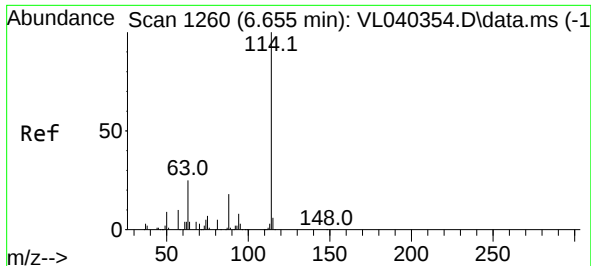
Tgt Ion: 61 Resp: 1112906
 Ion Ratio Lower Upper
 61 100
 96 66.6 53.0 79.4
 98 42.5 33.8 50.8



#32
 1,1,1-Trichloroethane
 Concen: 9.393 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Tgt Ion: 97 Resp: 1814158
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.8
 61 49.5 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

ICVVL041323

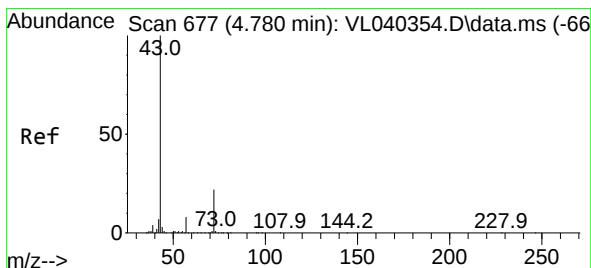
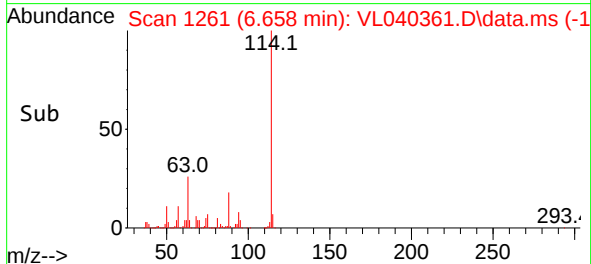
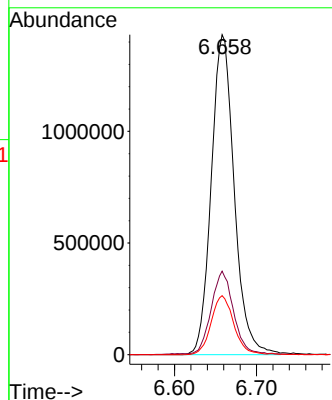
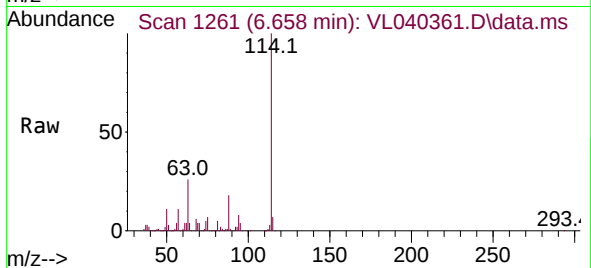
Tgt Ion:114 Resp: 2788770

Ion Ratio Lower Upper

114 100

63 26.1 21.4 32.0

88 18.3 14.6 22.0



#34

2-Butanone

Concen: 9.822 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040361.D

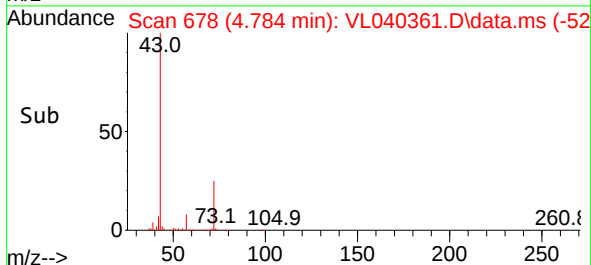
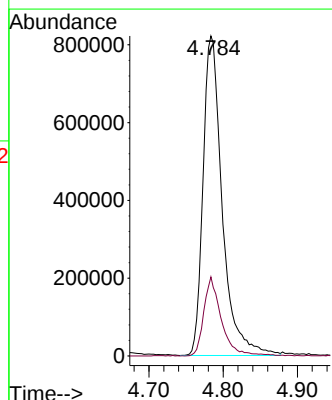
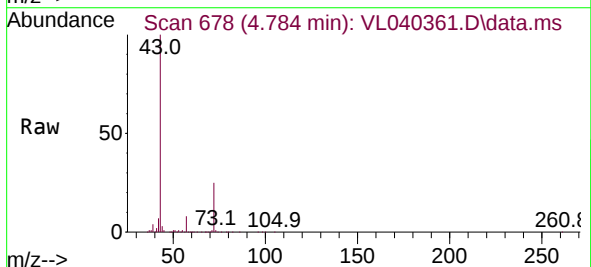
Acq: 13 Apr 2023 14:56

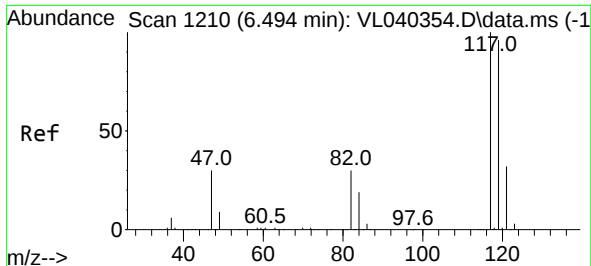
Tgt Ion: 43 Resp: 1477004

Ion Ratio Lower Upper

43 100

72 22.9 18.4 27.6

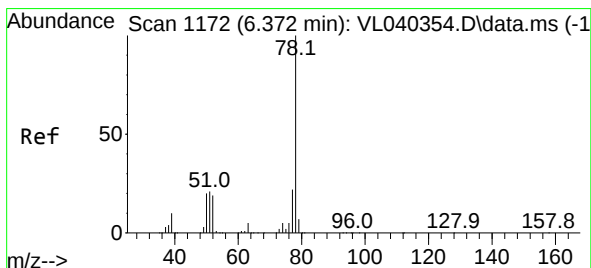
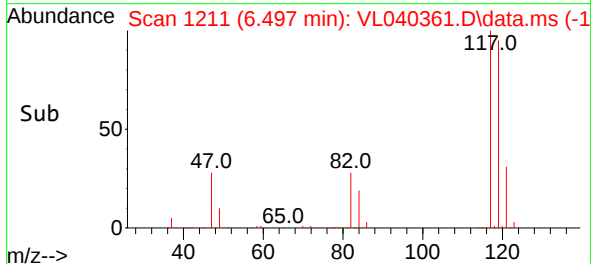
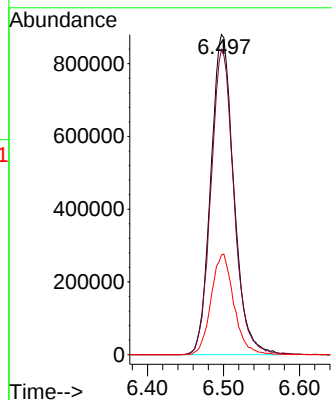
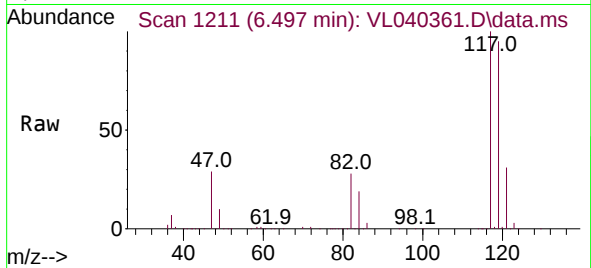




#35
Carbon Tetrachloride
Concen: 9.438 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

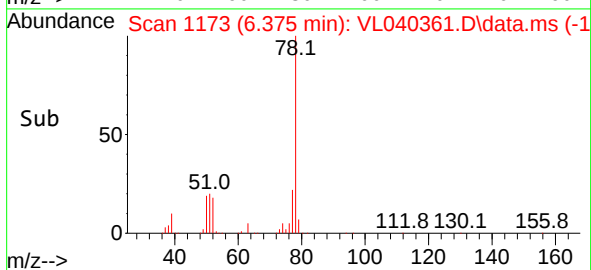
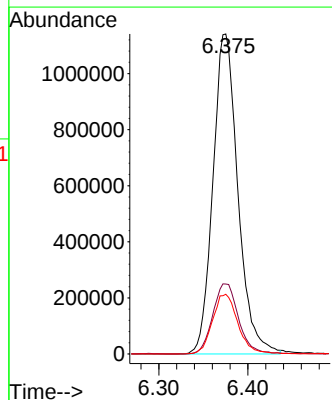
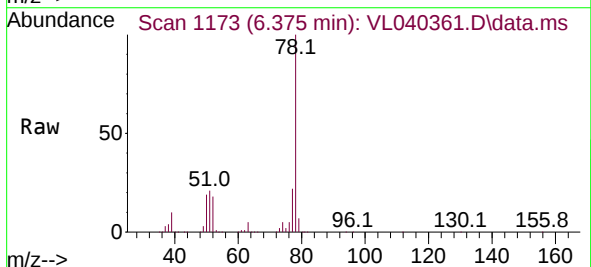
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

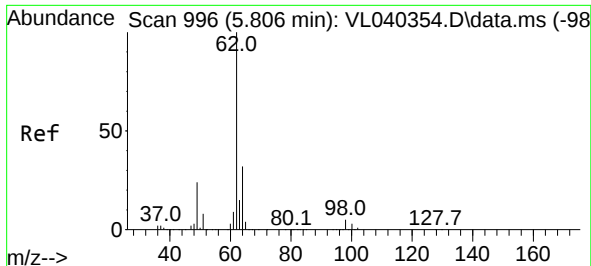
Tgt Ion: 117 Resp: 1852832
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
121 31.1 25.3 37.9



#36
Benzene
Concen: 9.759 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 78 Resp: 2220424
Ion Ratio Lower Upper
78 100
77 21.8 17.8 26.8
50 18.7 15.6 23.4

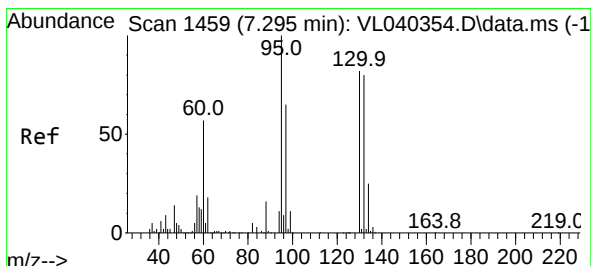
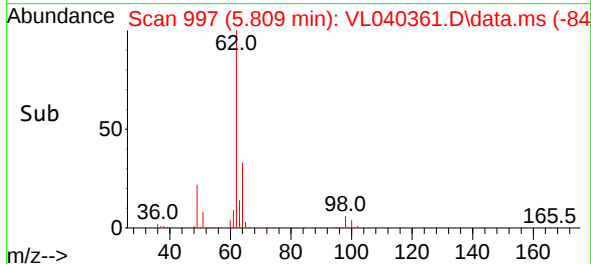
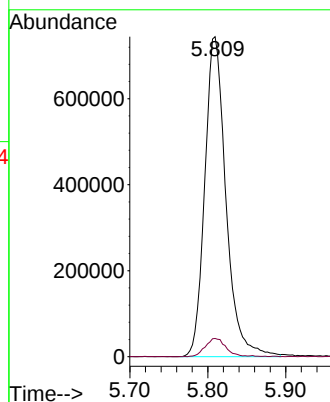
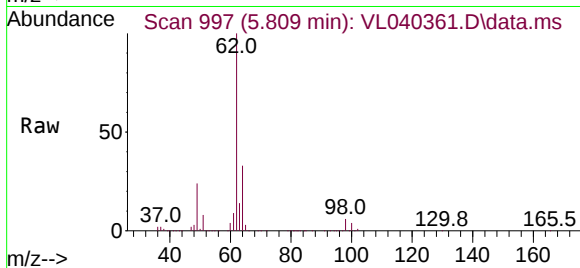




#37
1,2-Dichloroethane
Concen: 9.408 ppbv
RT: 5.809 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

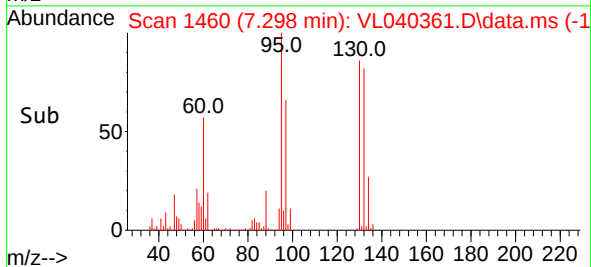
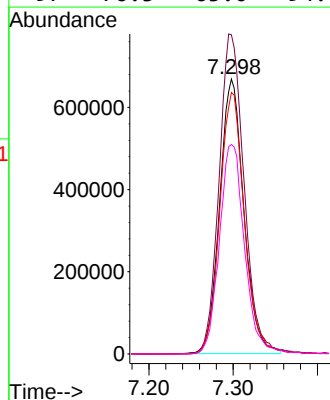
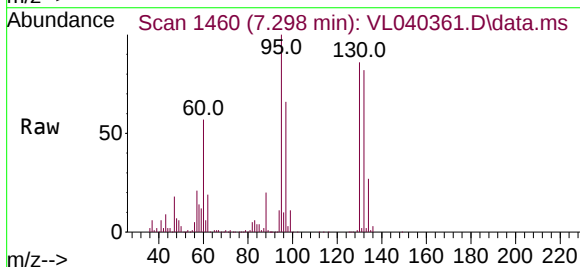
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

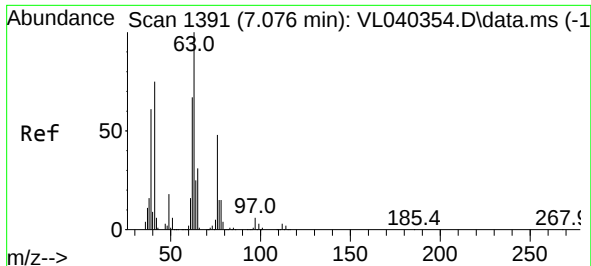
Tgt Ion: 62 Resp: 1406022
Ion Ratio Lower Upper
62 100
98 5.6 4.4 6.6



#38
Trichloroethene
Concen: 10.279 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:130 Resp: 1331064
Ion Ratio Lower Upper
130 100
95 116.3 97.4 146.0
132 95.2 77.5 116.3
97 76.3 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.584 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

ICVVL041323

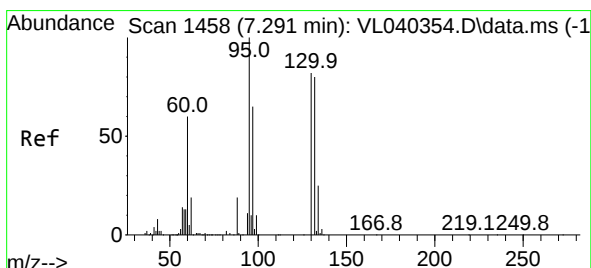
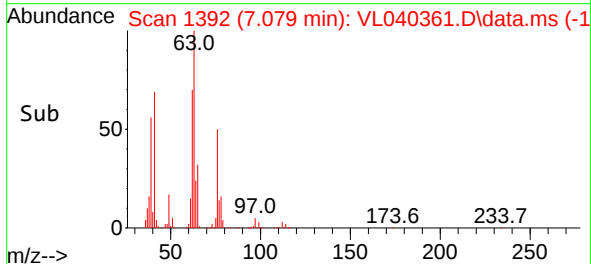
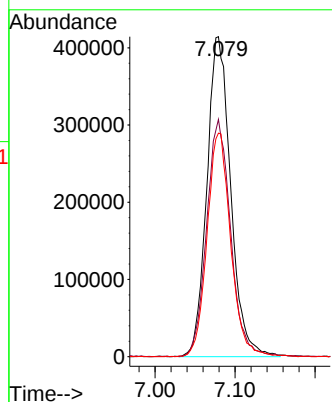
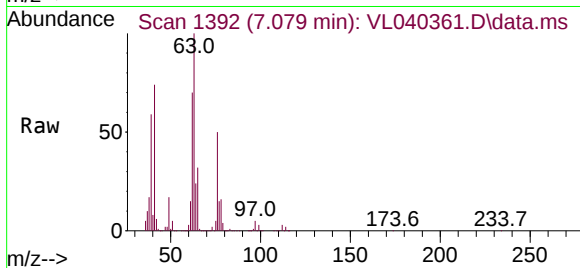
Tgt Ion: 63 Resp: 858042

Ion Ratio Lower Upper

63 100

41 74.0 59.6 89.4

62 69.6 53.9 80.9



#40

1,4-Dioxane

Concen: 10.371 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Tgt Ion: 88 Resp: 355611

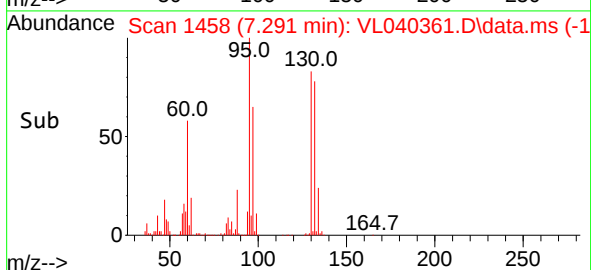
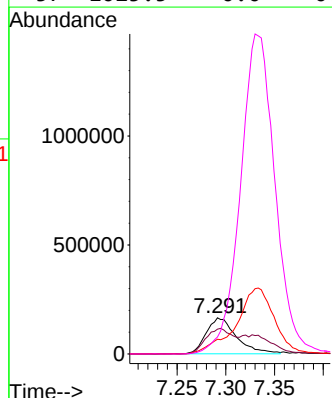
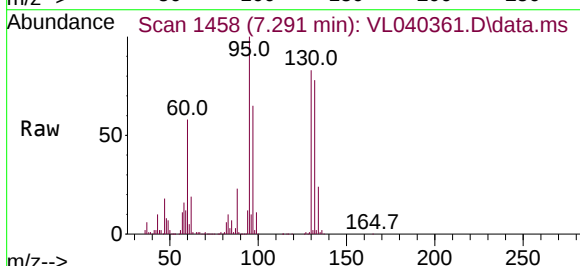
Ion Ratio Lower Upper

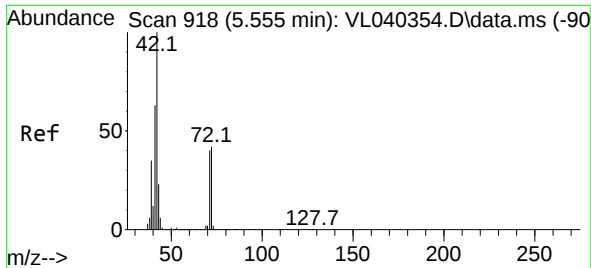
88 100

58 121.2 100.8 151.2

43 233.7 0.0 0.0#

57 1025.5 0.0 0.0#





#41

Tetrahydrofuran

Concen: 10.238 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

ICVVL041323

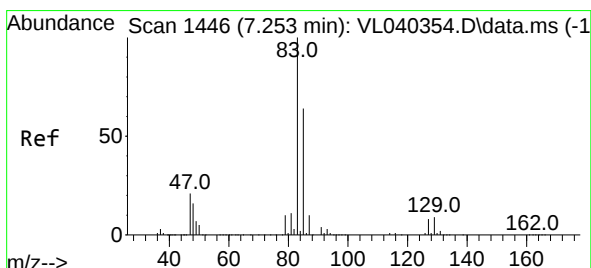
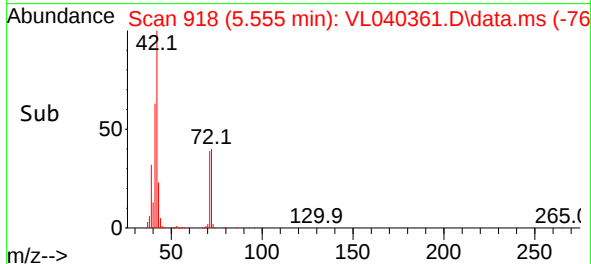
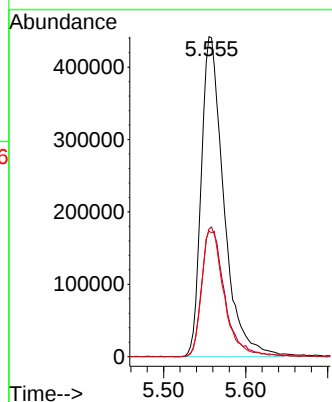
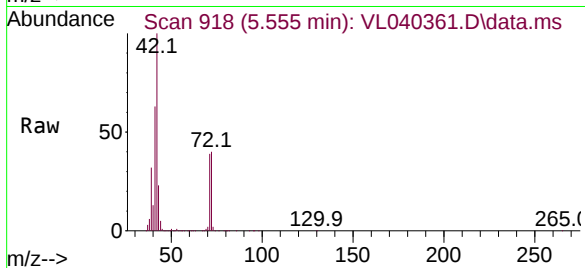
Tgt Ion: 42 Resp: 843144

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

71 39.7 32.2 48.2



#42

Bromodichloromethane

Concen: 9.576 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

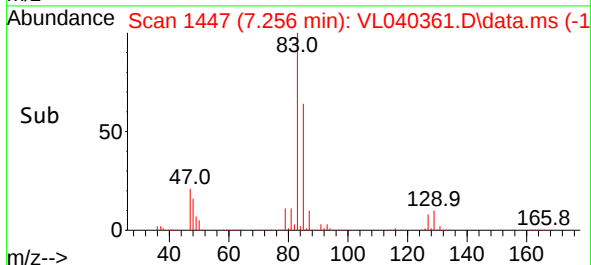
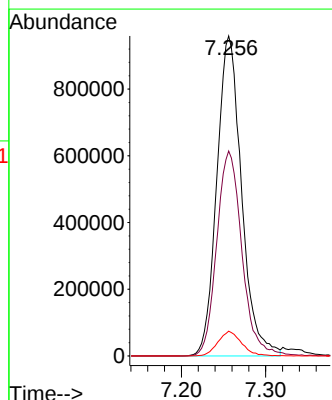
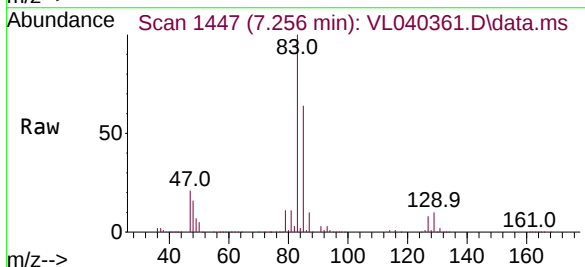
Tgt Ion: 83 Resp: 1954408

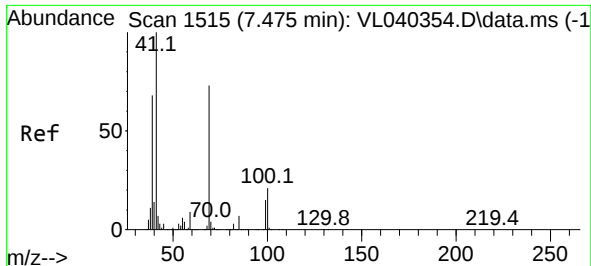
Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

127 7.8 6.4 9.6

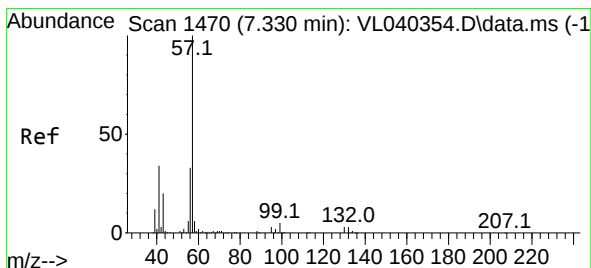
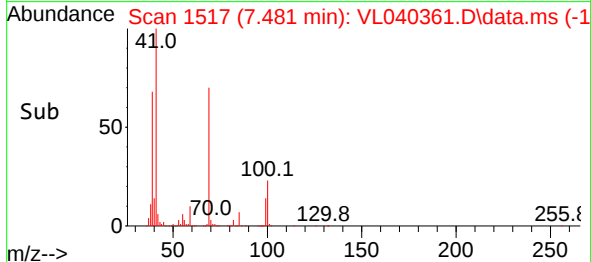
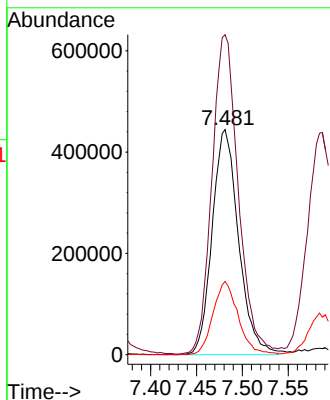
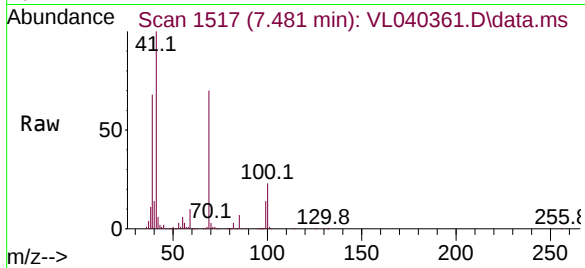




#43
Methyl Methacrylate
Concen: 10.510 ppbv
RT: 7.481 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

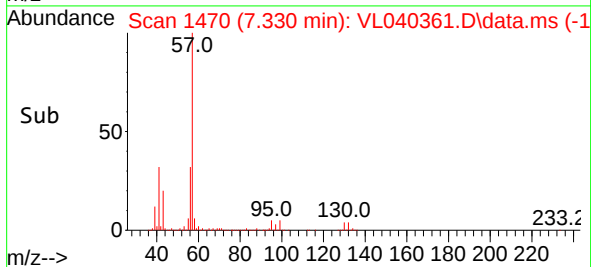
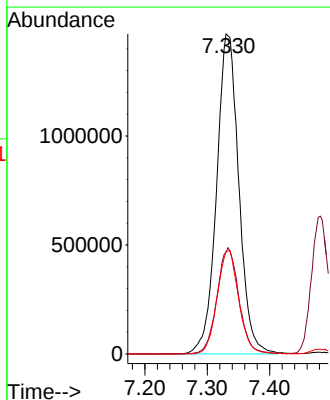
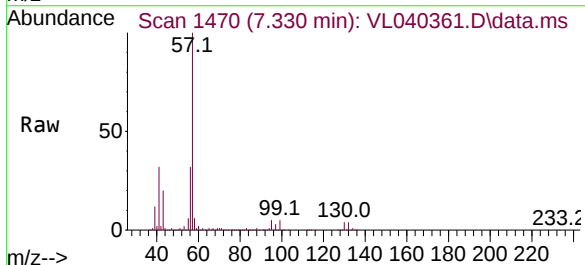
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

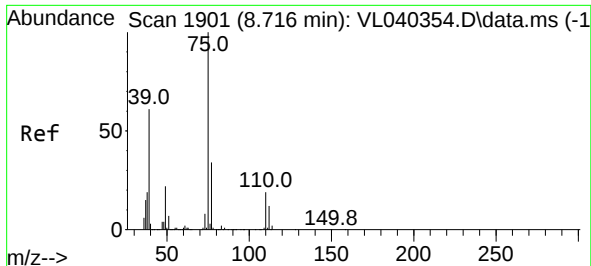
Tgt Ion: 69 Resp: 888210
Ion Ratio Lower Upper
69 100
41 142.4 114.3 171.5
100 31.1 24.5 36.7



#44
2,2,4-Trimethylpentane
Concen: 9.577 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 57 Resp: 3639727
Ion Ratio Lower Upper
57 100
41 32.7 26.9 40.3
56 31.4 25.1 37.7

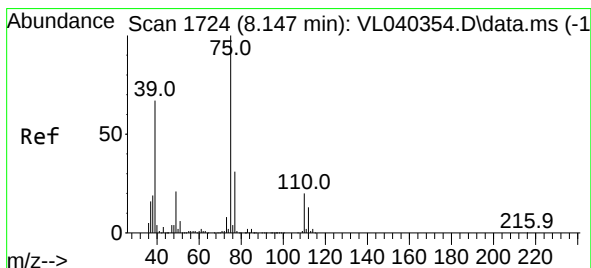
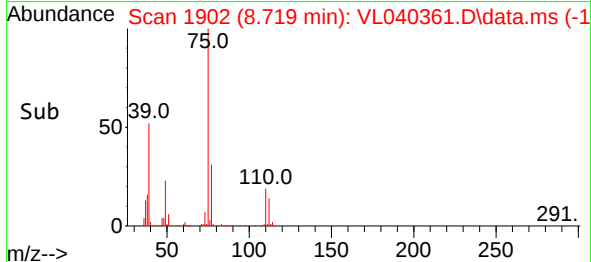
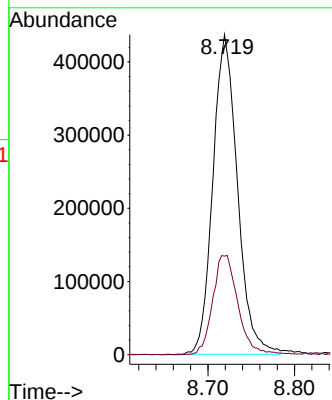
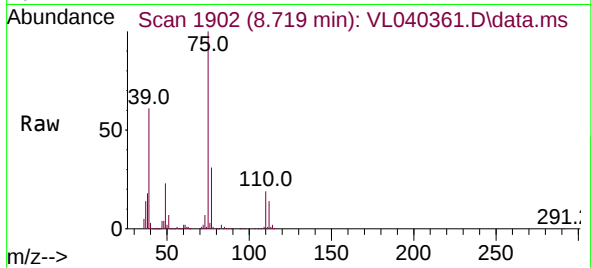




#45
 t-1,3-Dichloropropene
 Concen: 11.387 ppbv
 RT: 8.719 min Scan# 1901
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

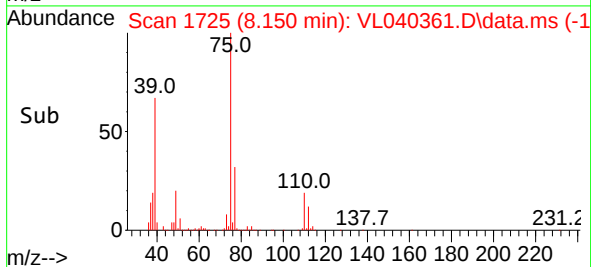
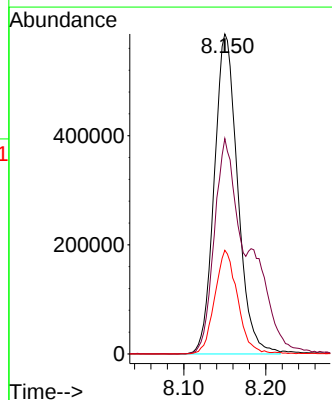
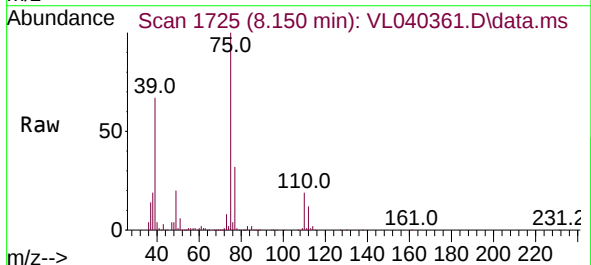
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVL041323

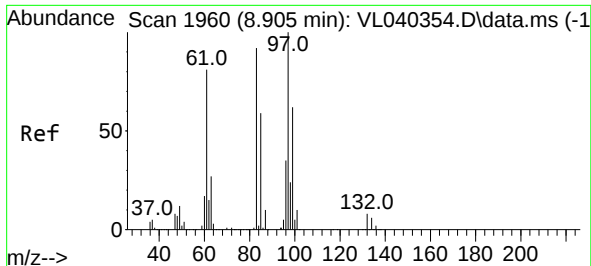
Tgt Ion: 75 Resp: 859555
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.8 40.2



#46
 cis-1,3-Dichloropropene
 Concen: 11.076 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.003 min
 Lab File: VL040361.D
 Acq: 13 Apr 2023 14:56

Tgt Ion: 75 Resp: 1163733
 Ion Ratio Lower Upper
 75 100
 39 67.2 53.4 80.2
 77 32.4 24.7 37.1

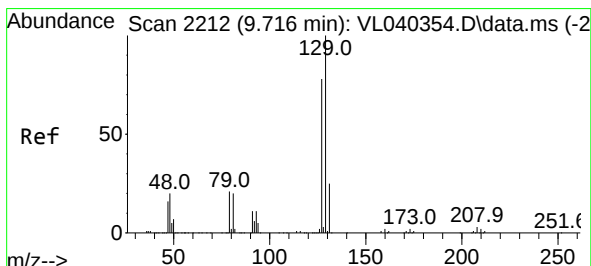
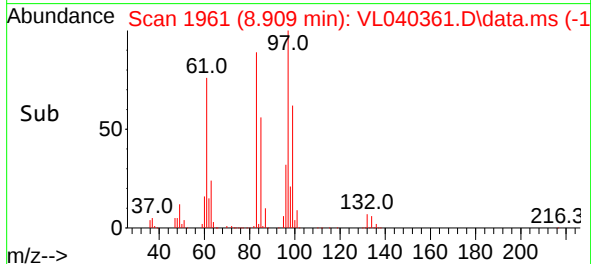
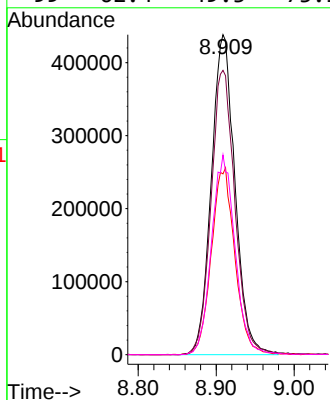
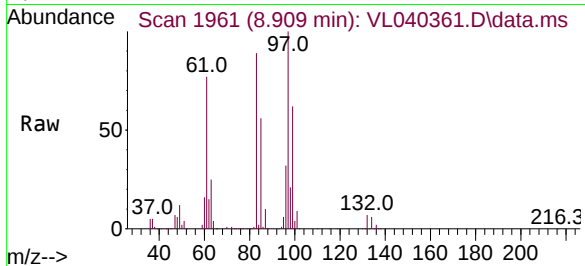




#47
1,1,2-Trichloroethane
Concen: 9.419 ppbv
RT: 8.909 min Scan# 1960
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

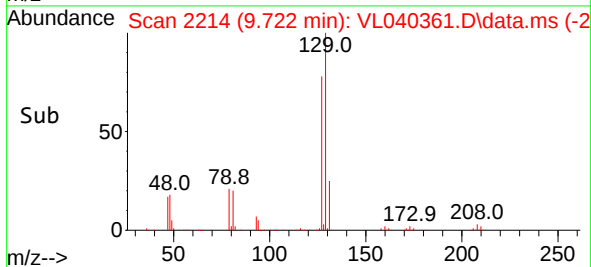
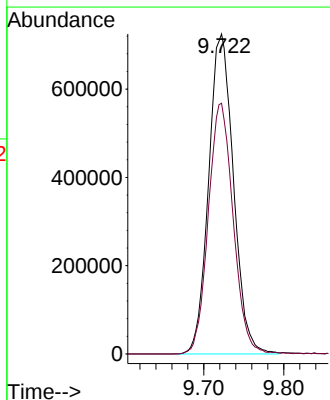
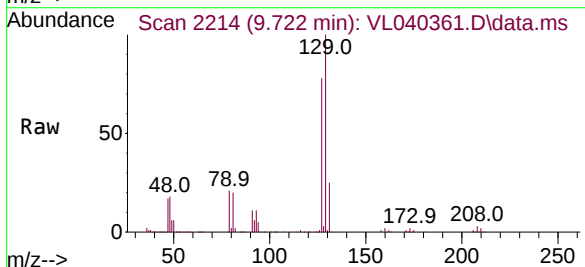
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

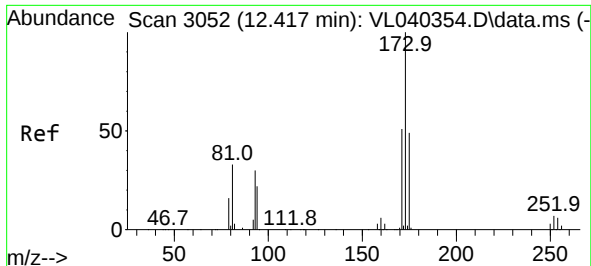
Tgt Ion: 97 Resp: 924583
Ion Ratio Lower Upper
97 100
83 88.8 73.3 109.9
85 56.5 46.9 70.3
99 62.4 49.3 73.9



#48
Dibromochloromethane
Concen: 9.876 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 129 Resp: 1561307
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6

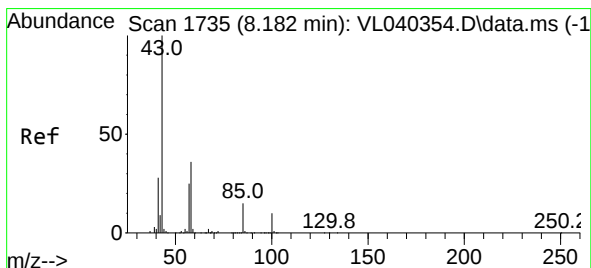
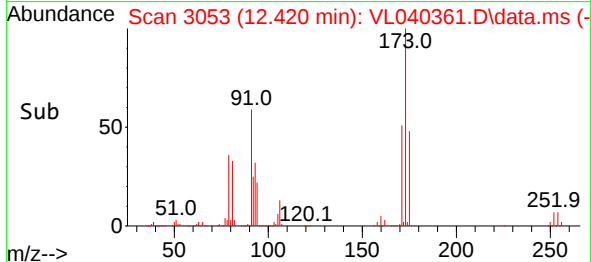
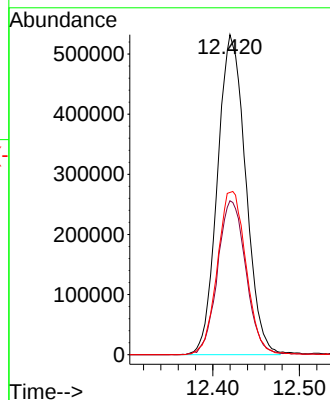
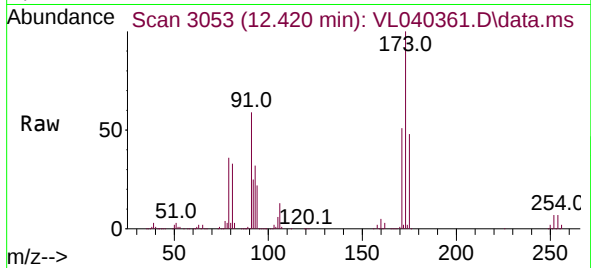




#49
Bromoform
Concen: 9.754 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

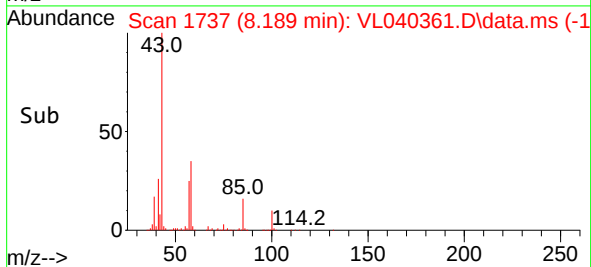
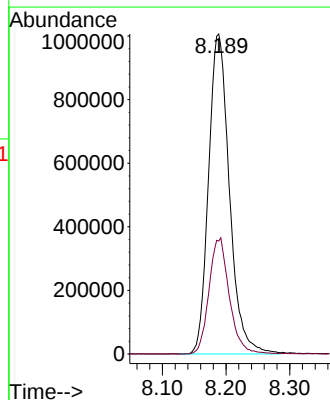
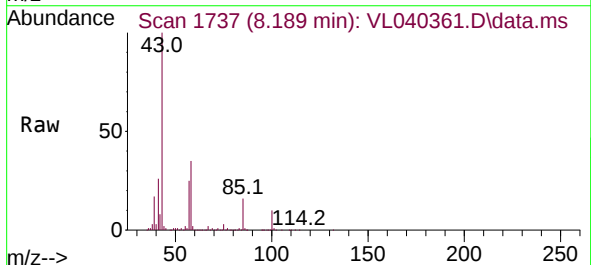
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

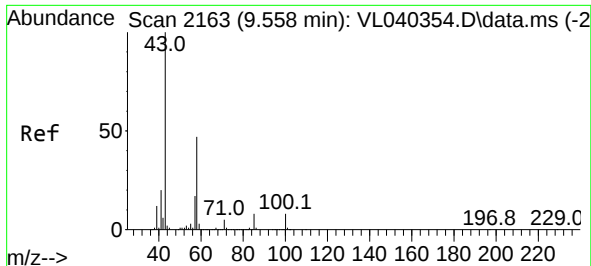
Tgt Ion:173 Resp: 1202658
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.8
171 52.3 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.053 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 43 Resp: 2292252
Ion Ratio Lower Upper
43 100
58 35.4 28.6 43.0



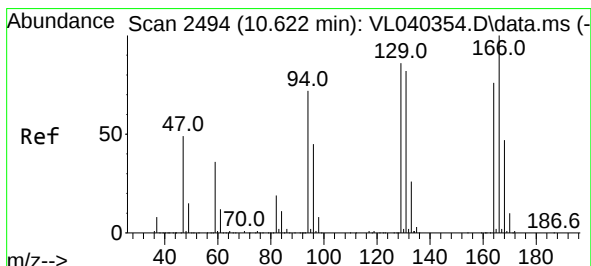
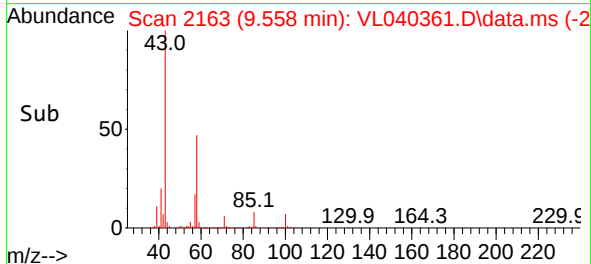
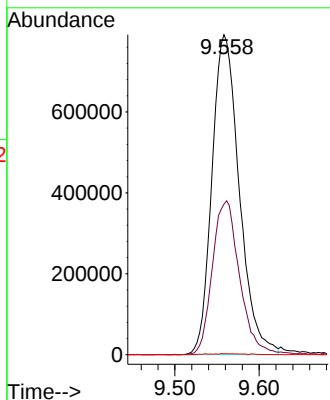
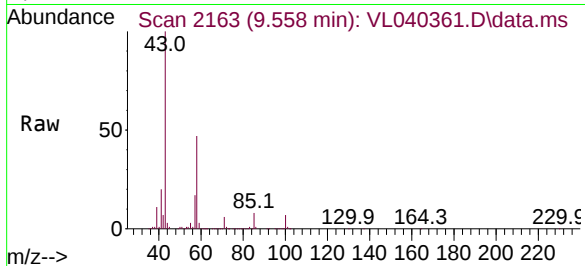


#51
2-Hexanone
Concen: 10.566 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

Tgt Ion: 43 Resp: 1780182

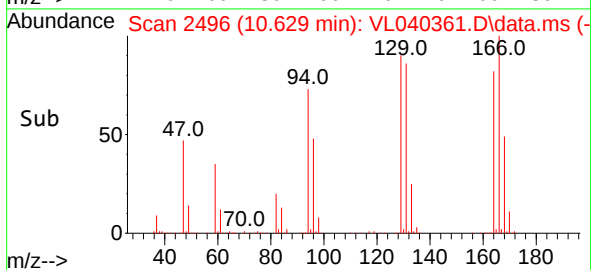
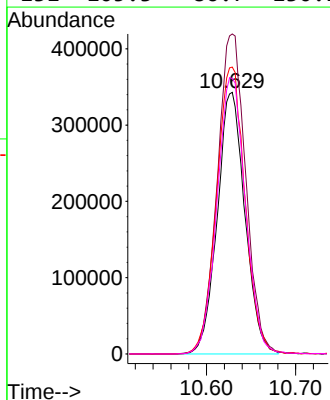
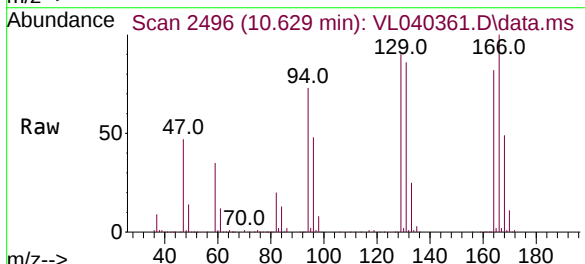
Ion	Ratio	Lower	Upper
43	100		
58	48.2	38.3	57.5
98	0.5	0.4	0.6

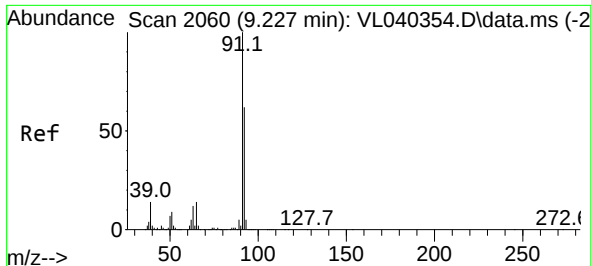


#52
Tetrachloroethene
Concen: 10.361 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 164 Resp: 737408

Ion	Ratio	Lower	Upper
164	100		
166	122.3	105.2	157.8
129	109.6	90.3	135.5
131	105.3	86.7	130.1

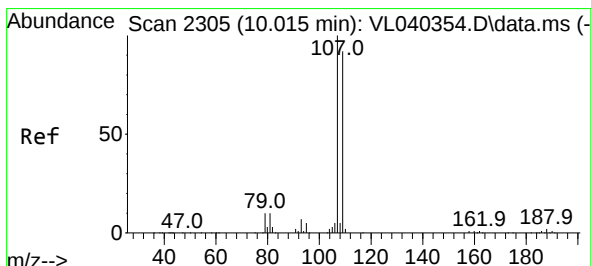
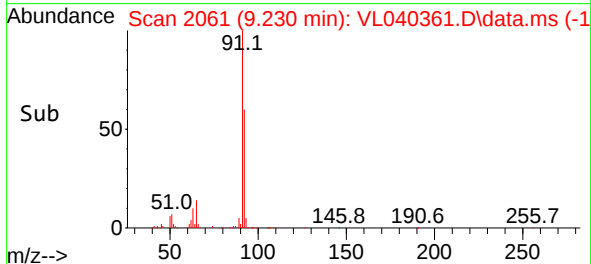
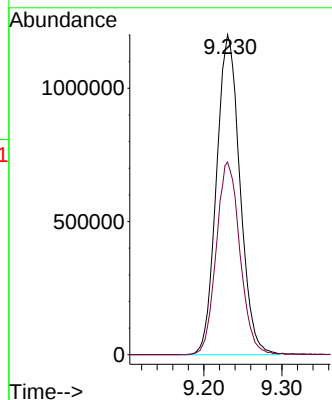
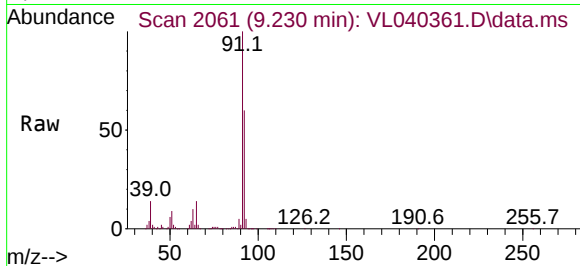




#53
Toluene
Concen: 10.411 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

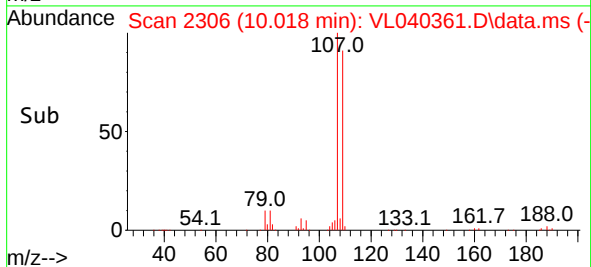
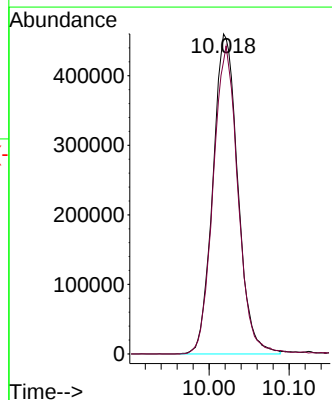
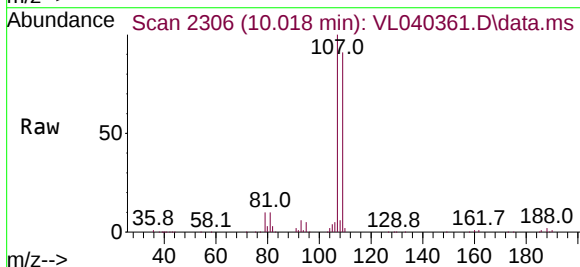
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

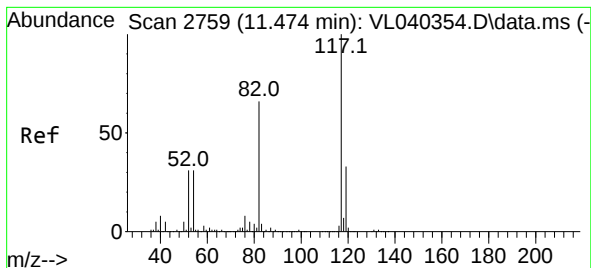
Tgt Ion: 91 Resp: 2511359
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3



#54
1,2-Dibromoethane
Concen: 9.994 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 107 Resp: 994573
Ion Ratio Lower Upper
107 100
109 91.4 73.6 110.4

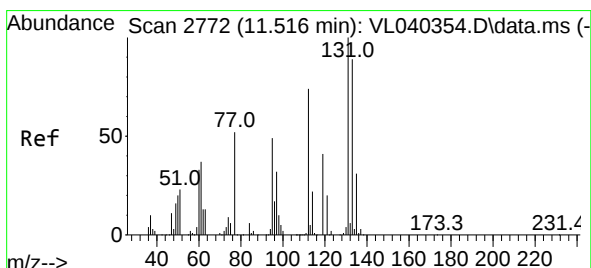
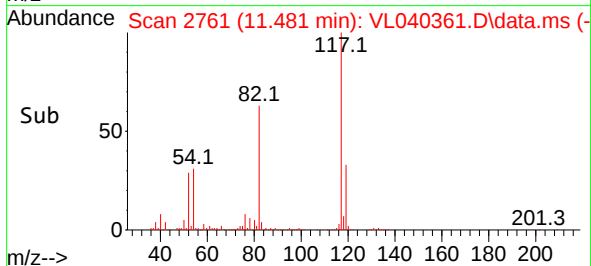
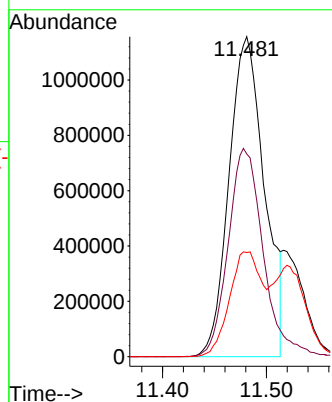
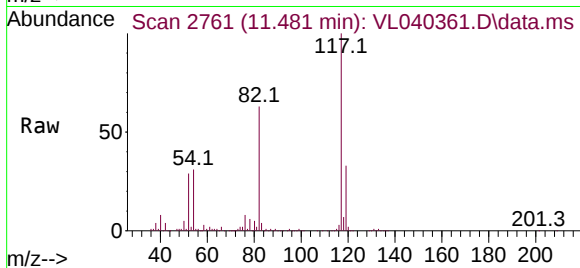




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2759
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

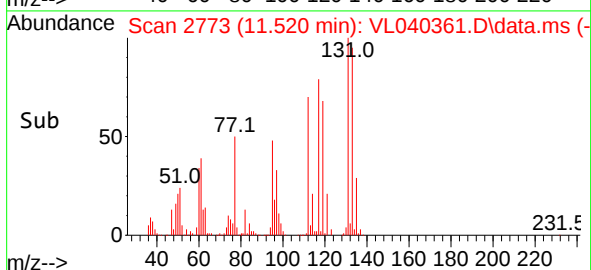
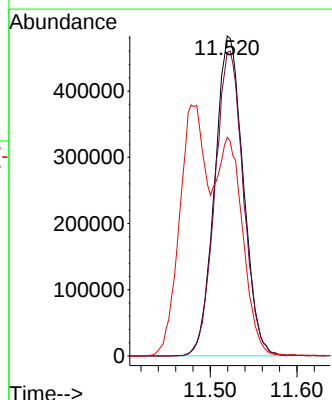
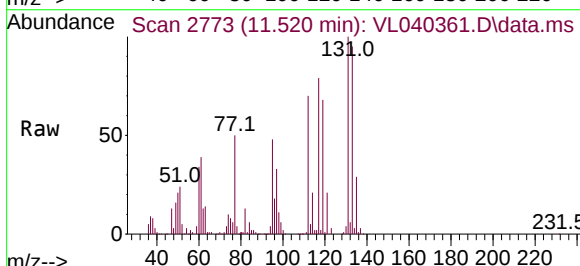
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

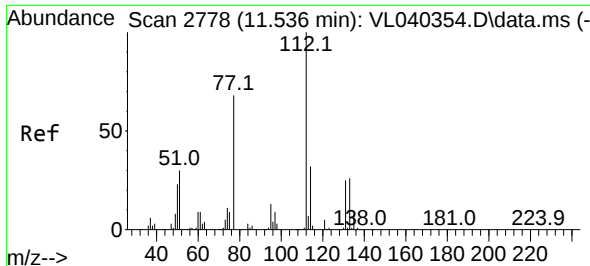
Tgt Ion:117 Resp: 2731154
Ion Ratio Lower Upper
117 100
82 64.9 52.5 78.7
119 30.1 24.3 36.5



#56
1,1,1,2-Tetrachloroethane
Concen: 8.838 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:131 Resp: 1101766
Ion Ratio Lower Upper
131 100
133 95.7 75.3 112.9
119 60.7 53.9 80.9

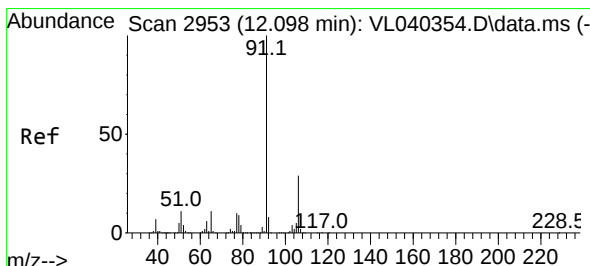
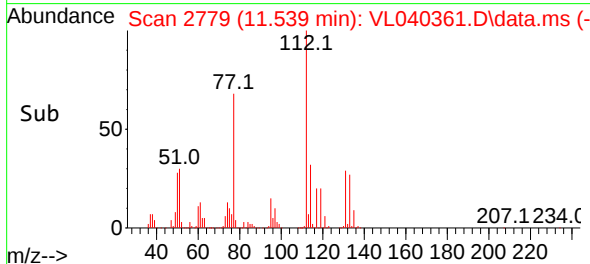
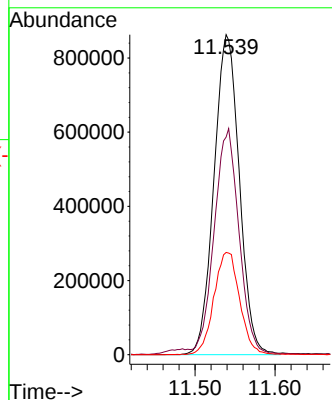
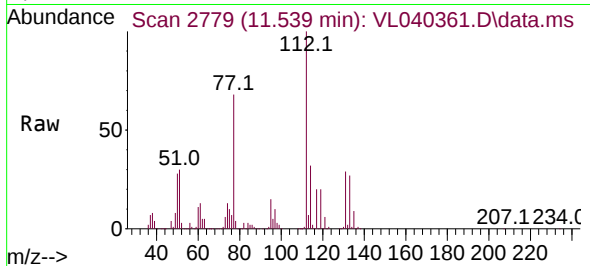




#57
Chlorobenzene
Concen: 8.885 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

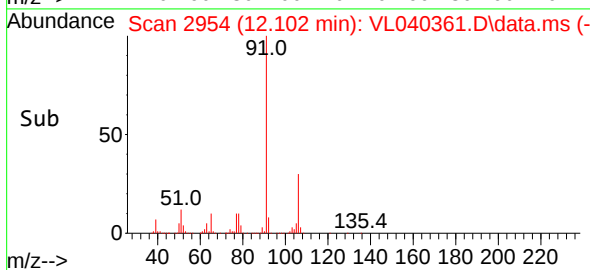
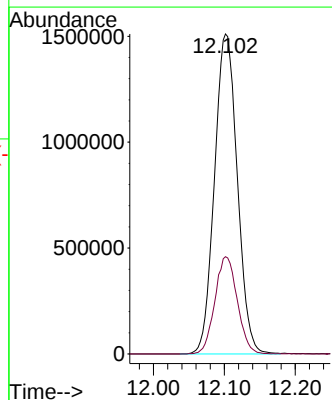
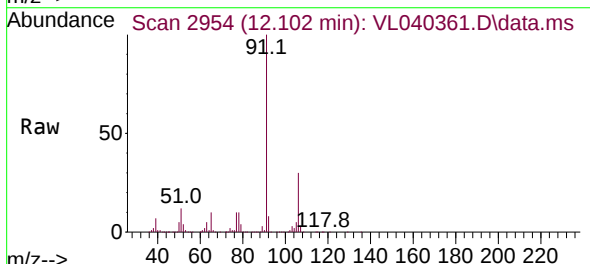
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

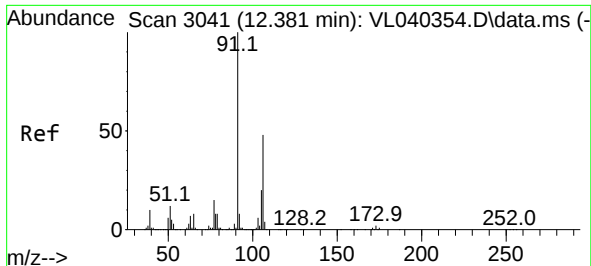
Tgt Ion:112 Resp: 1900014
Ion Ratio Lower Upper
112 100
77 67.7 55.8 83.8
114 31.9 29.1 35.5



#58
Ethyl Benzene
Concen: 10.050 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 91 Resp: 3376510
Ion Ratio Lower Upper
91 100
106 30.4 23.5 35.3





#59

m/p-Xylene

Concen: 10.081 ppbv

RT: 12.388 min Scan# 3041

Delta R.T. 0.007 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

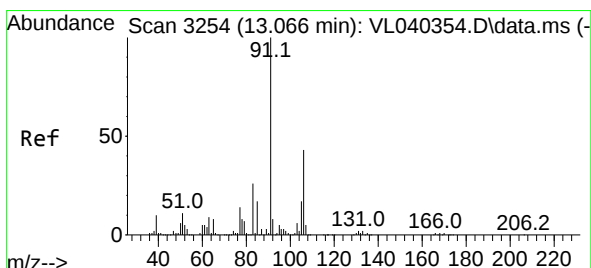
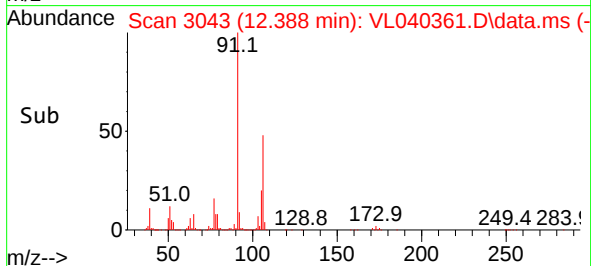
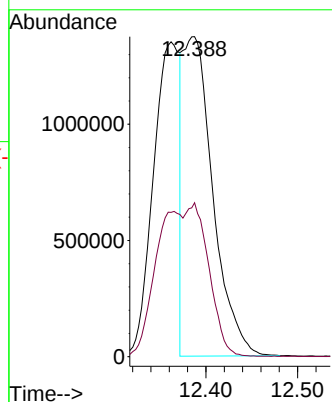
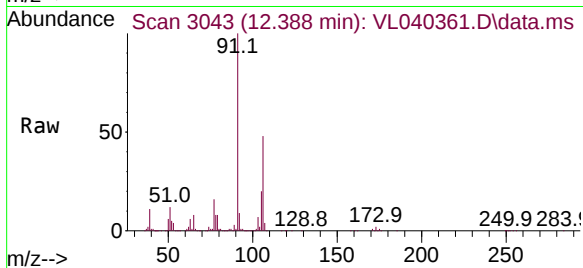
ICVVL041323

Tgt Ion: 91 Resp: 3114714

Ion Ratio Lower Upper

91 100

106 81.3 34.7 52.1#



#60

o-Xylene

Concen: 9.393 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.007 min

Lab File: VL040361.D

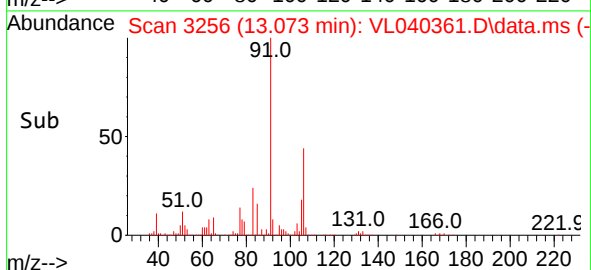
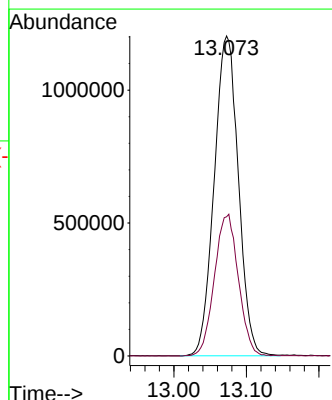
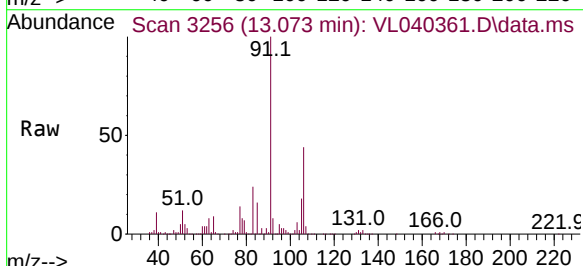
Acq: 13 Apr 2023 14:56

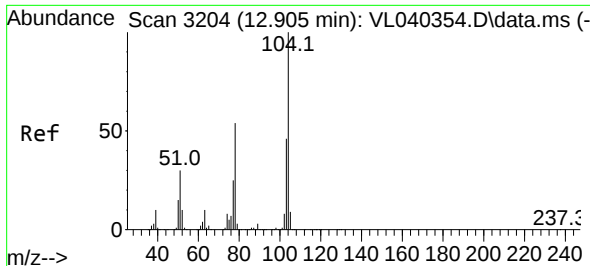
Tgt Ion: 91 Resp: 2785159

Ion Ratio Lower Upper

91 100

106 44.0 21.9 65.8

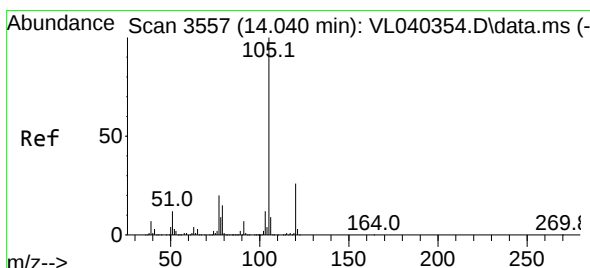
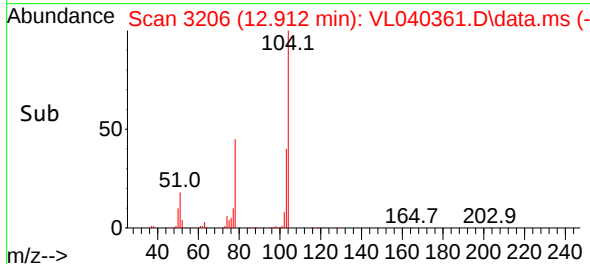
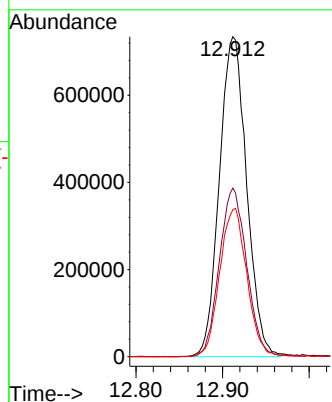
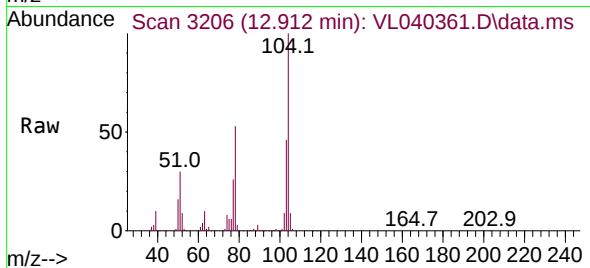




#61
Styrene
Concen: 10.808 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

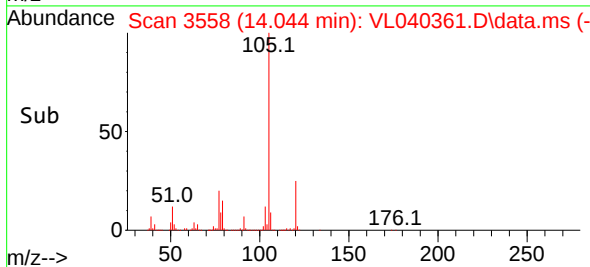
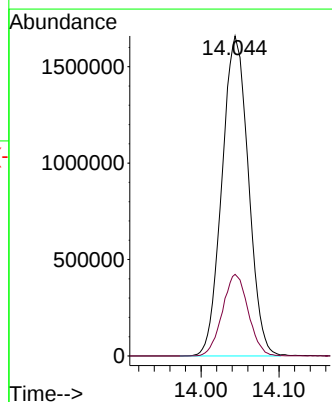
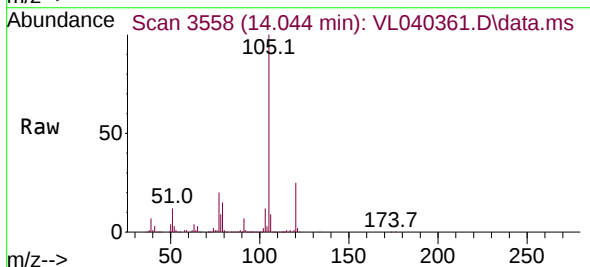
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

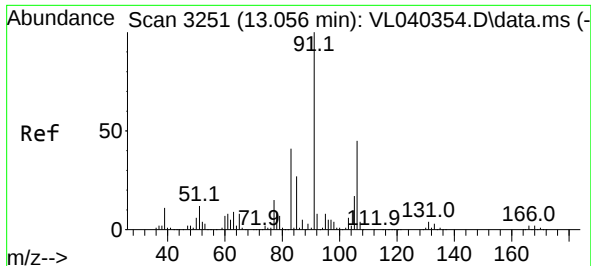
Tgt Ion:104 Resp: 1605340
Ion Ratio Lower Upper
104 100
78 53.0 43.4 65.0
103 46.5 37.0 55.4



#62
Isopropylbenzene
Concen: 9.150 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:105 Resp: 3907264
Ion Ratio Lower Upper
105 100
120 25.0 19.9 29.9

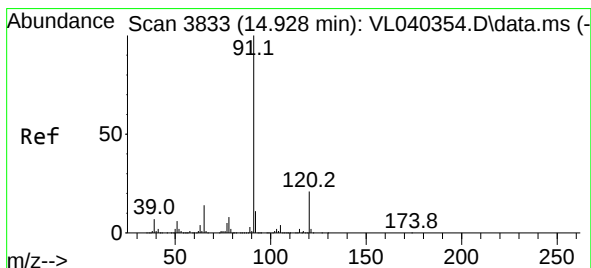
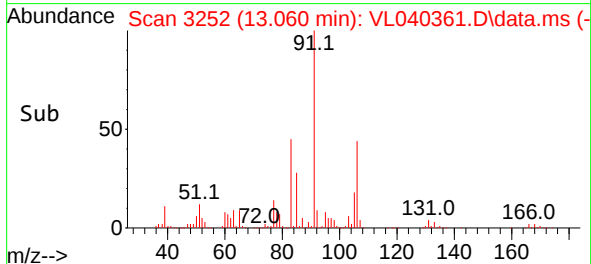
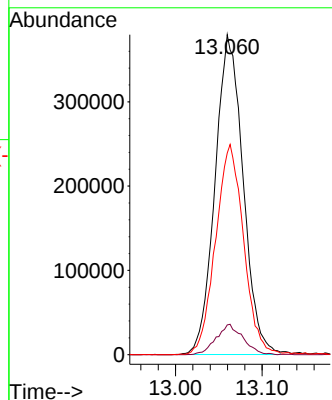
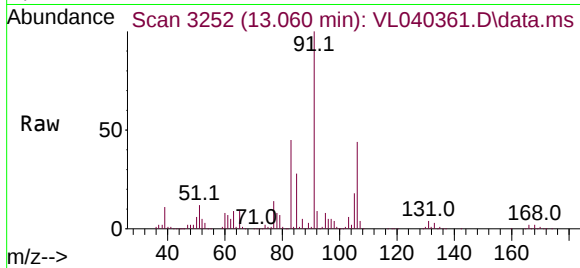




#63
1,1,2,2-Tetrachloroethane
Concen: 7.853 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

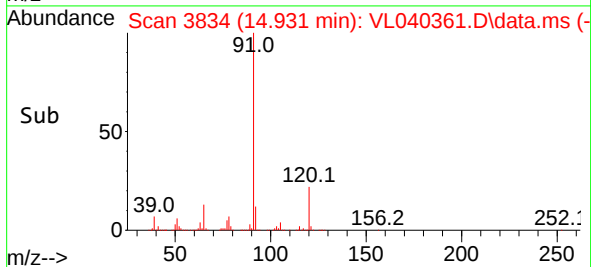
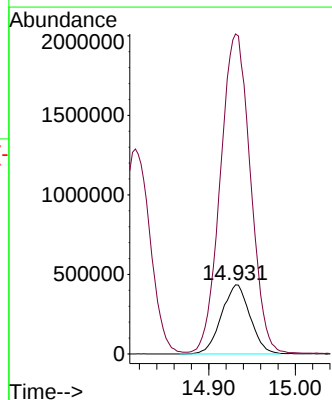
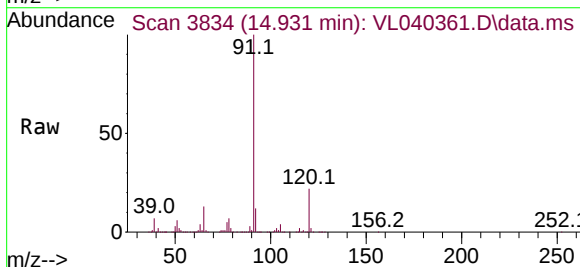
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

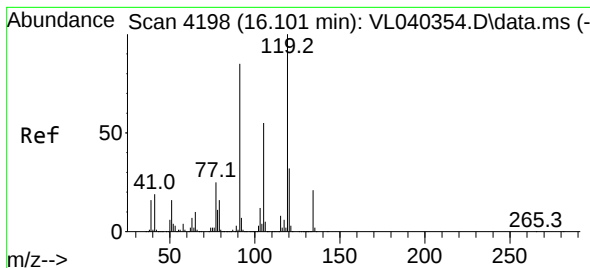
Tgt Ion: 83 Resp: 852165
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 66.2 32.9 98.6



#64
n-propylbenzene
Concen: 9.472 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 120 Resp: 995251
Ion Ratio Lower Upper
120 100
91 489.7 397.4 596.0





#65

tert-Butylbenzene

Concen: 9.151 ppbv

RT: 16.108 min Scan# 4198

Delta R.T. 0.007 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

ICVVL041323

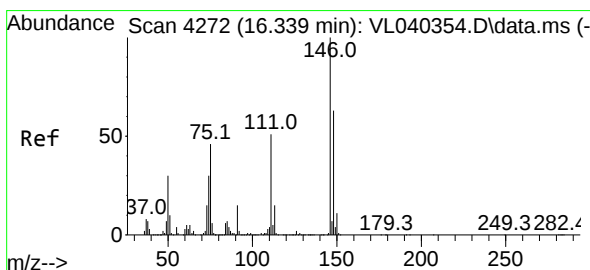
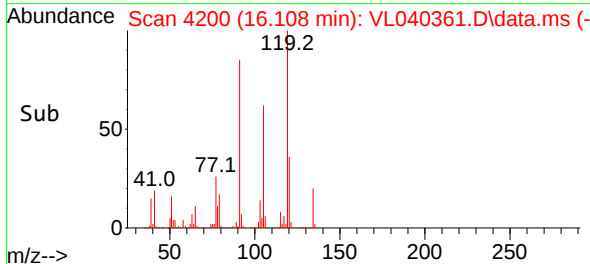
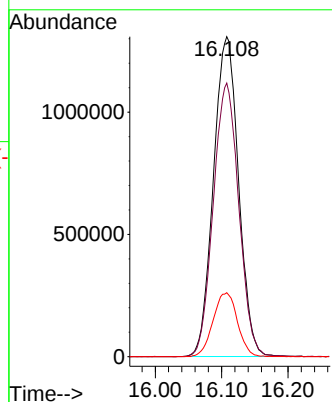
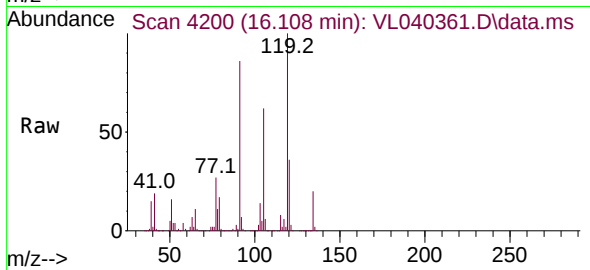
Tgt Ion:119 Resp: 3438211

Ion Ratio Lower Upper

119 100

91 86.9 70.1 105.1

134 19.5 15.6 23.4



#66

Benzyl Chloride

Concen: 5.636 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. 0.000 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

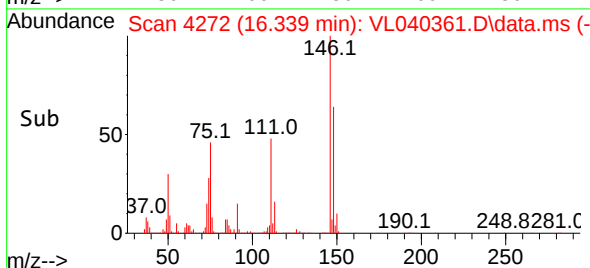
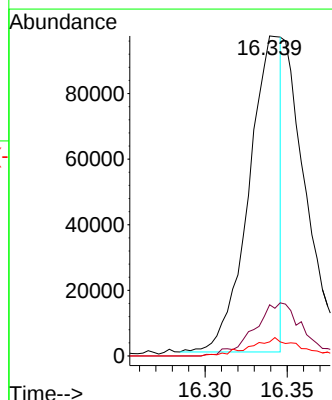
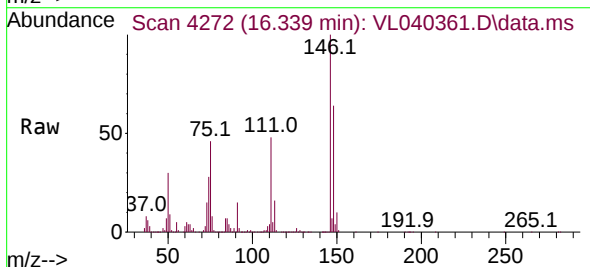
Tgt Ion: 91 Resp: 131102

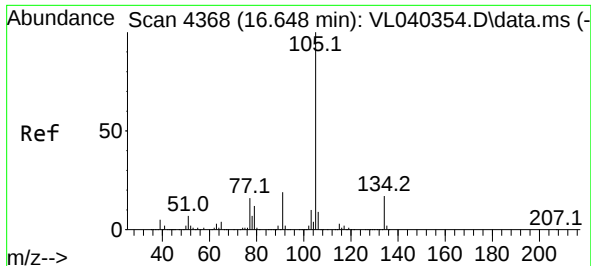
Ion Ratio Lower Upper

91 100

126 26.1 12.3 18.5#

128 9.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 9.196 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

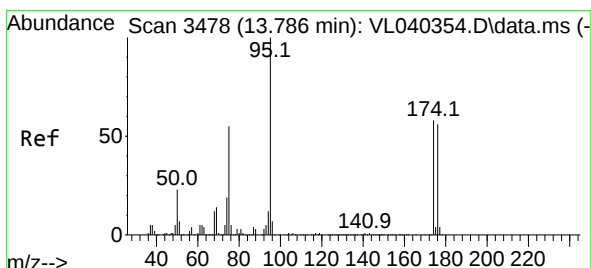
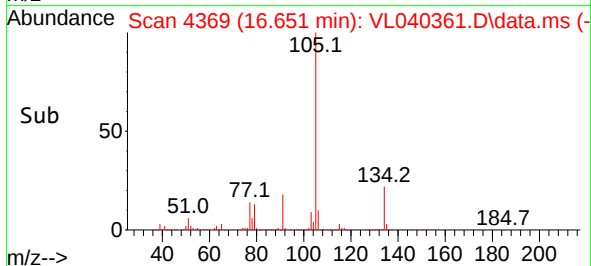
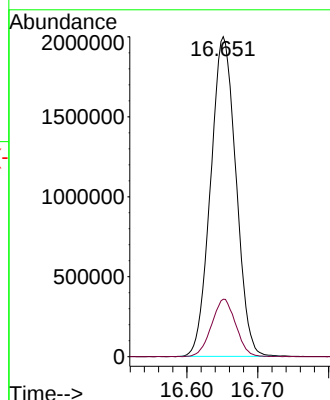
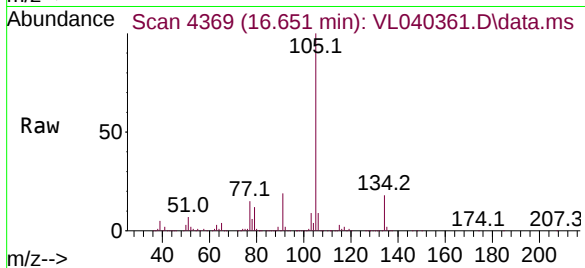
ICVVL041323

Tgt Ion:105 Resp: 4962653

Ion Ratio Lower Upper

105 100

134 17.4 13.8 20.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.787 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

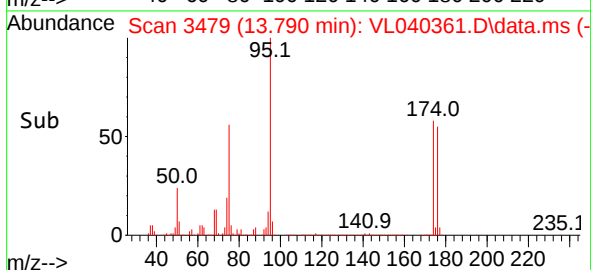
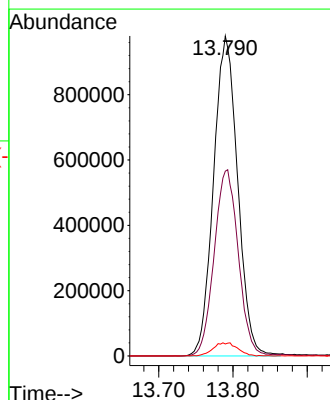
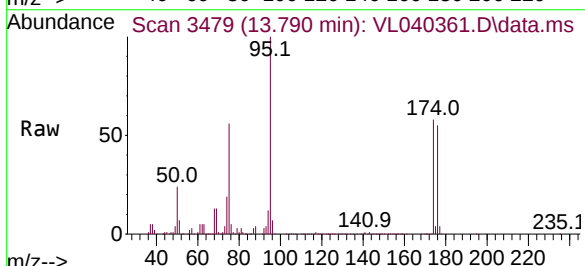
Tgt Ion: 95 Resp: 2210428

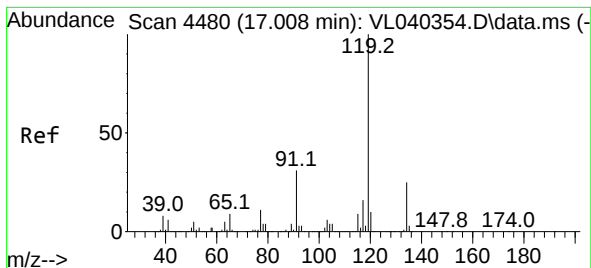
Ion Ratio Lower Upper

95 100

174 58.5 47.2 70.8

175 4.2 3.5 5.3





#69

p-Isopropyltoluene

Concen: 9.567 ppbv

RT: 17.008 min Scan# 4480

Delta R.T. 0.000 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

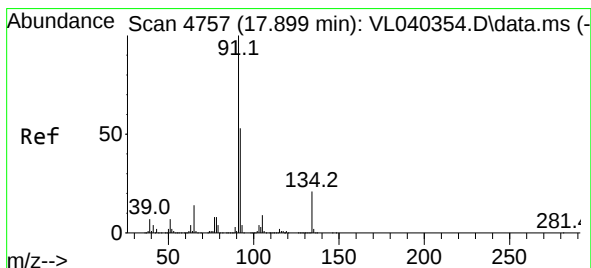
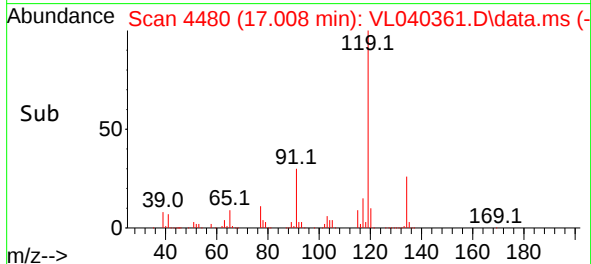
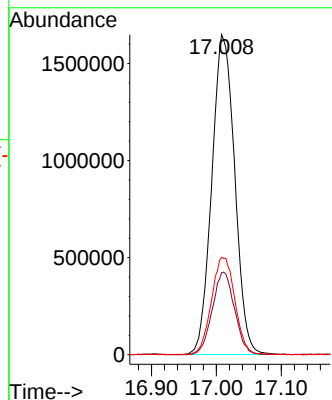
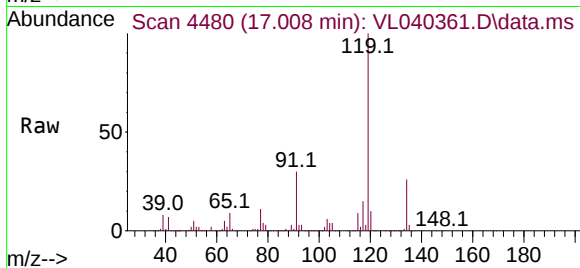
MSVOA_V

ClientSampleId :

ICVVL041323

Tgt Ion:119 Resp: 4031359

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.2	30.4
91	31.2	25.7	38.5



#70

n-Butylbenzene

Concen: 9.669 ppbv

RT: 17.902 min Scan# 4758

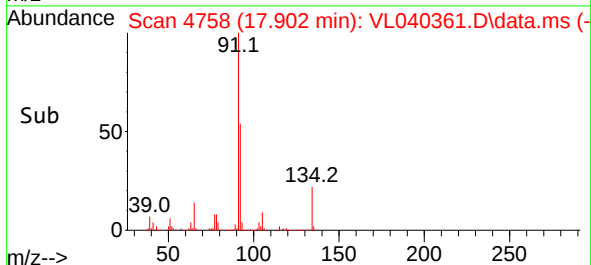
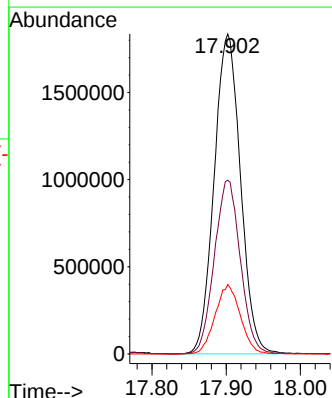
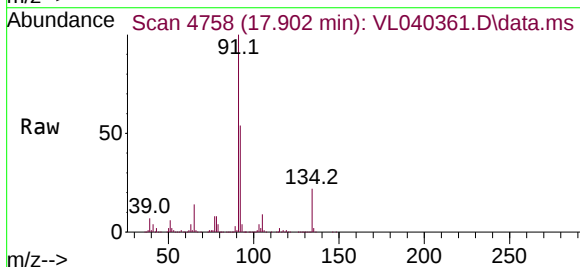
Delta R.T. 0.003 min

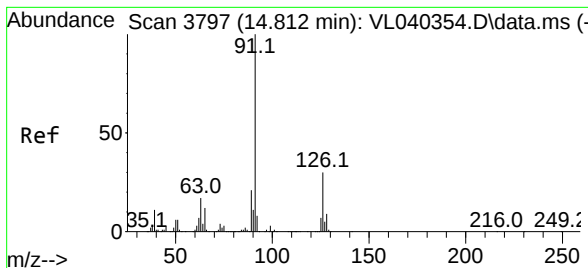
Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Tgt Ion: 91 Resp: 4516629

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.0	64.4
134	20.9	16.6	25.0

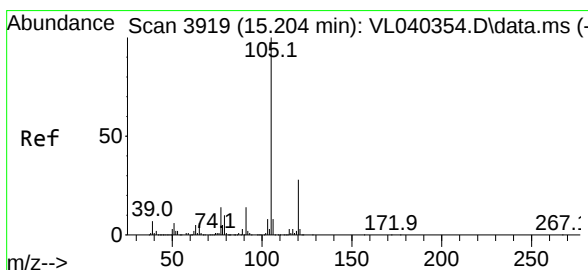
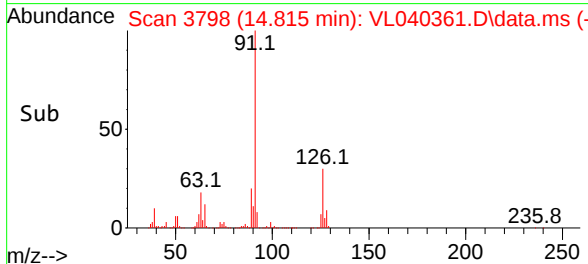
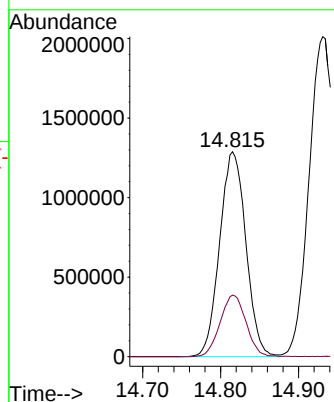
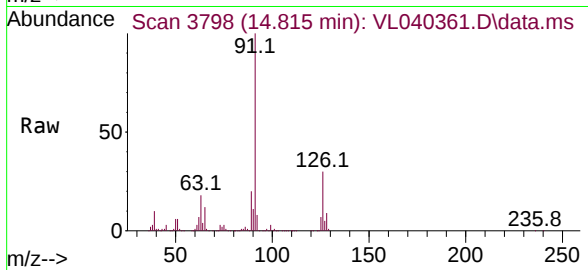




#71
2-Chlorotoluene
Concen: 9.205 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

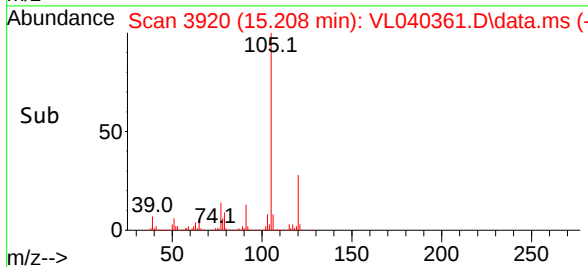
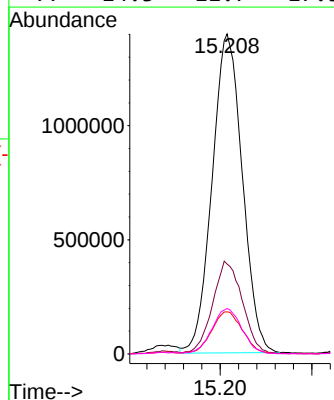
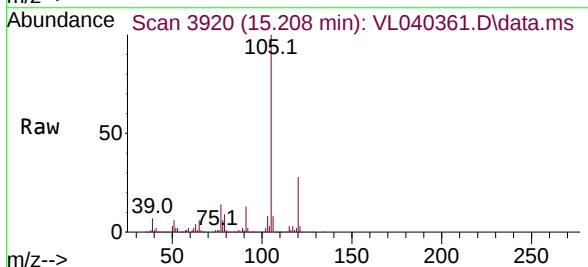
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

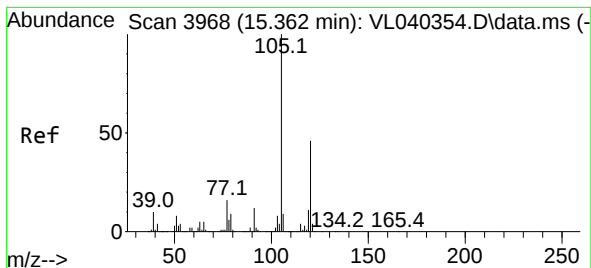
Tgt Ion: 91 Resp: 3017674
Ion Ratio Lower Upper
91 100
126 29.7 11.8 47.4



#72
4-Ethyltoluene
Concen: 9.757 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion: 105 Resp: 3193891
Ion Ratio Lower Upper
105 100
120 28.9 23.0 34.6
91 14.2 11.3 16.9
77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.523 ppbv

RT: 15.365 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

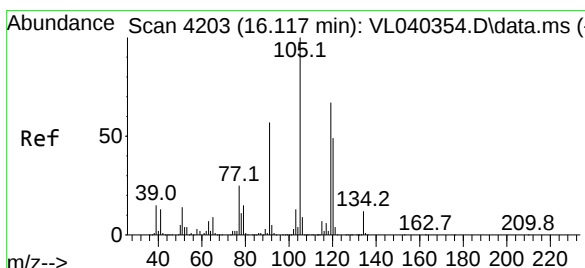
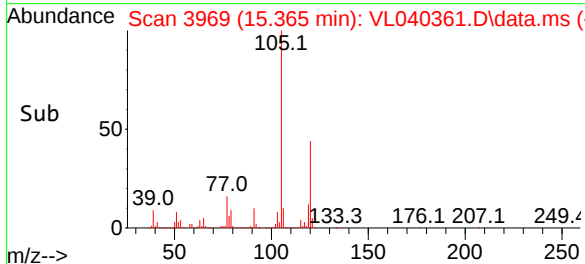
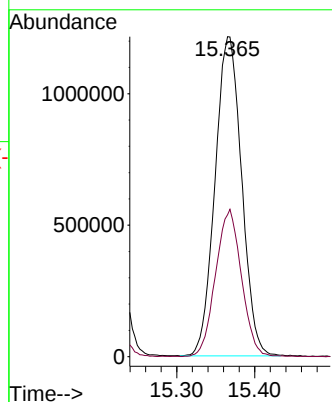
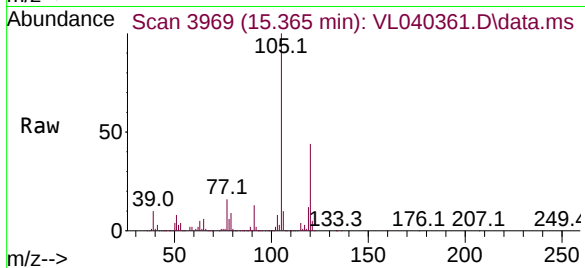
ICVVL041323

Tgt Ion:105 Resp: 2879587

Ion Ratio Lower Upper

105 100

120 44.4 36.9 55.3



#74

1,2,4-Trimethylbenzene

Concen: 9.138 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.007 min

Lab File: VL040361.D

Acq: 13 Apr 2023 14:56

Tgt Ion:105 Resp: 3158195

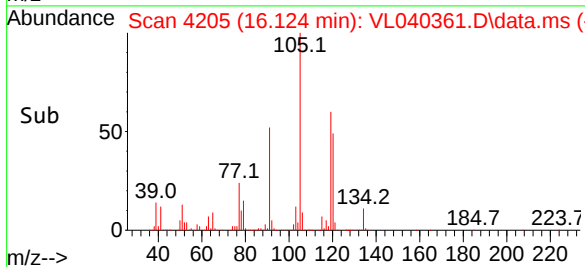
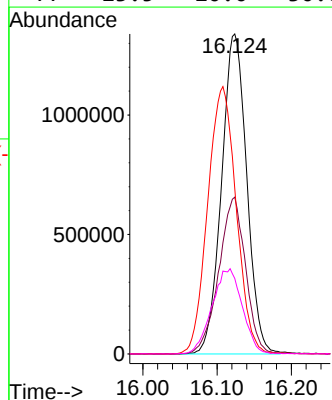
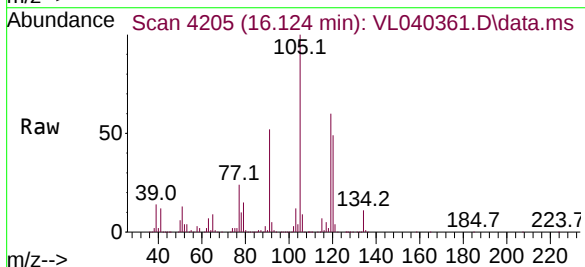
Ion Ratio Lower Upper

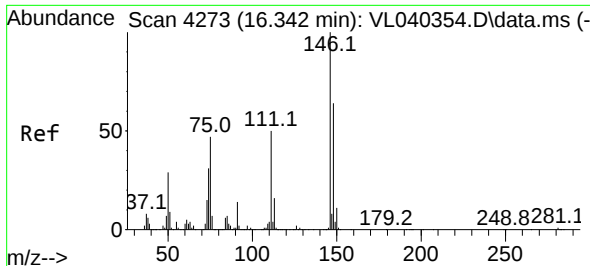
105 100

120 49.0 38.9 58.3

91 51.4 46.0 69.0

77 23.5 20.0 30.0

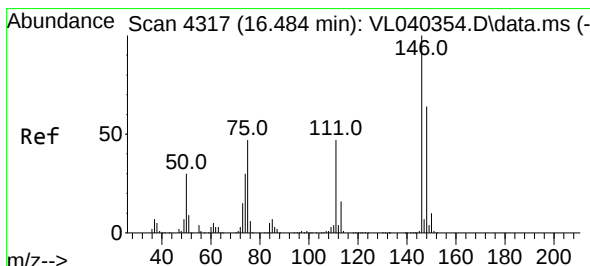
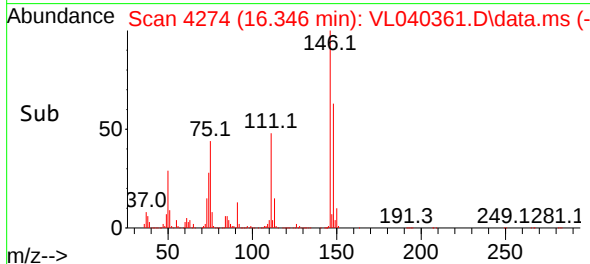
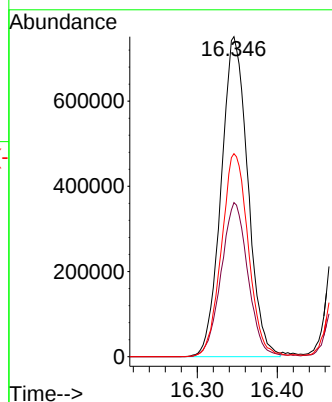
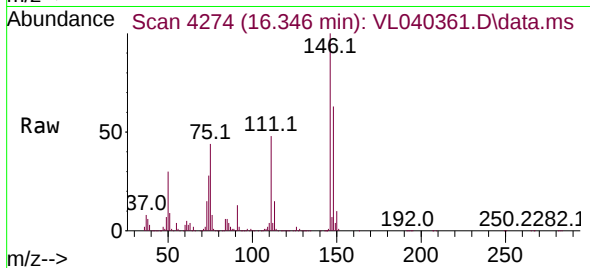




#75
1,3-Dichlorobenzene
Concen: 9.185 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

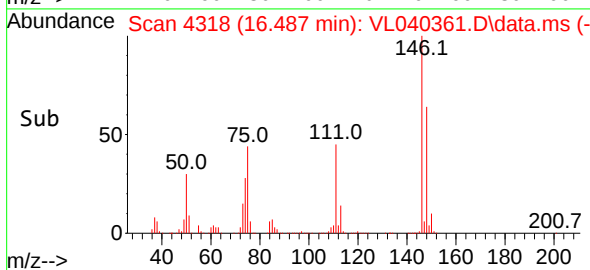
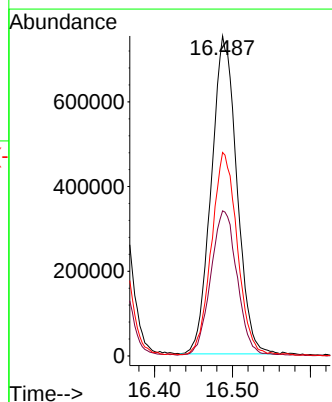
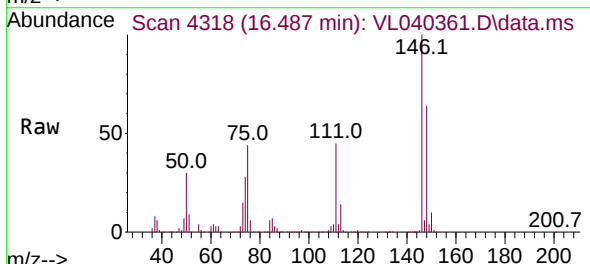
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

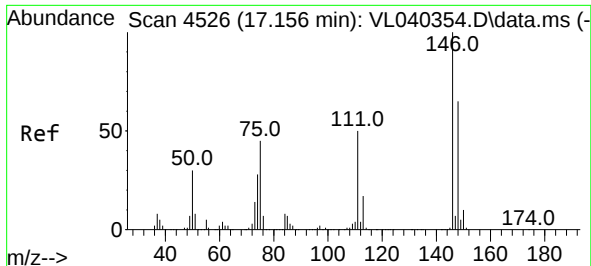
Tgt Ion:146 Resp: 1738707
Ion Ratio Lower Upper
146 100
111 48.7 24.6 74.0
148 64.3 32.1 96.3



#76
1,4-Dichlorobenzene
Concen: 9.128 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:146 Resp: 1707270
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.4
148 65.6 32.4 97.2

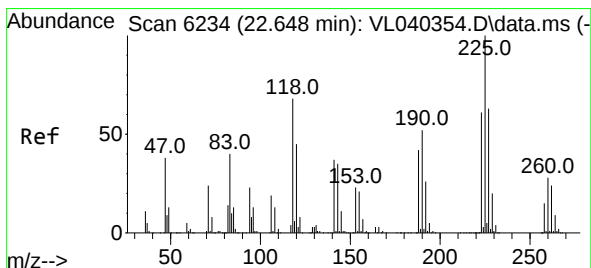
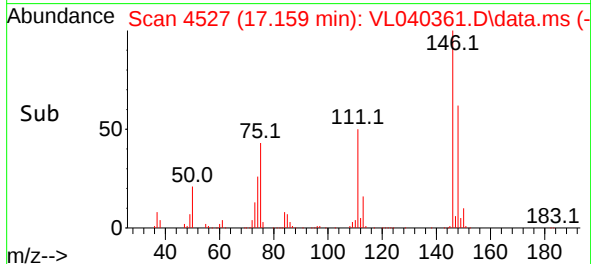
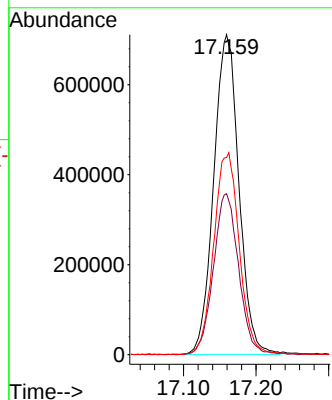
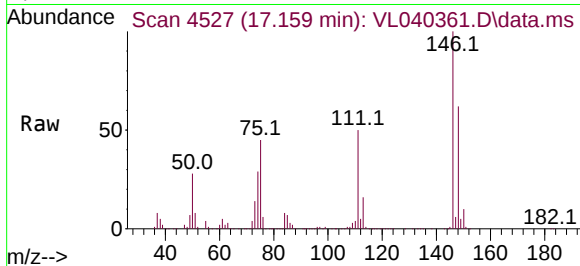




#77
1,2-Dichlorobenzene
Concen: 9.149 ppbv
RT: 17.159 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

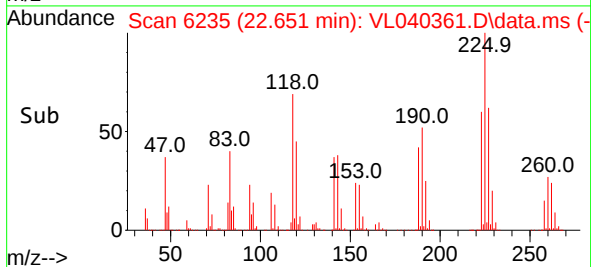
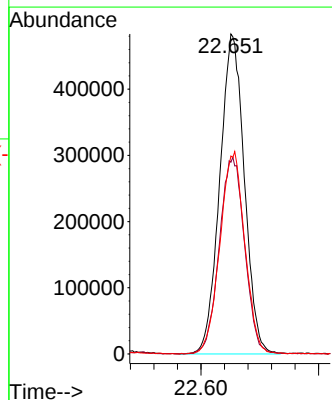
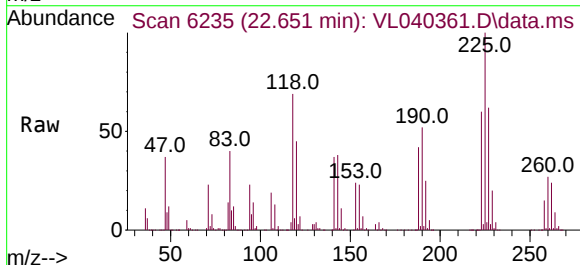
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

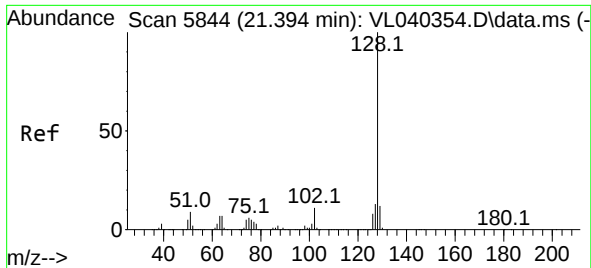
Tgt Ion:146 Resp: 1712561
Ion Ratio Lower Upper
146 100
111 50.7 25.4 76.0
148 64.2 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 9.338 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:225 Resp: 1401389
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 64.2 51.0 76.4

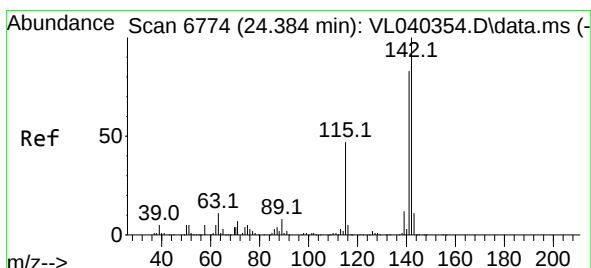
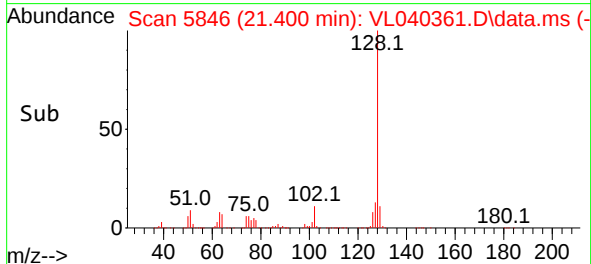
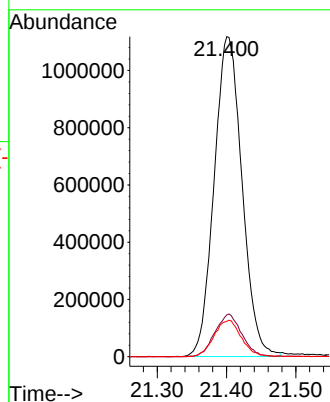
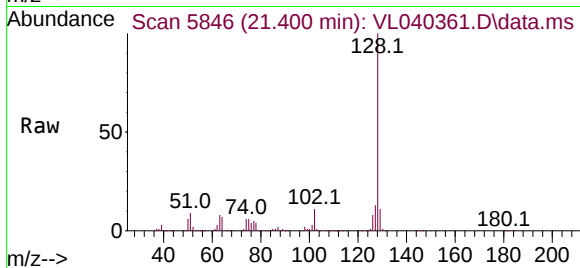




#79
Naphthalene
Concen: 13.371 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.007 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

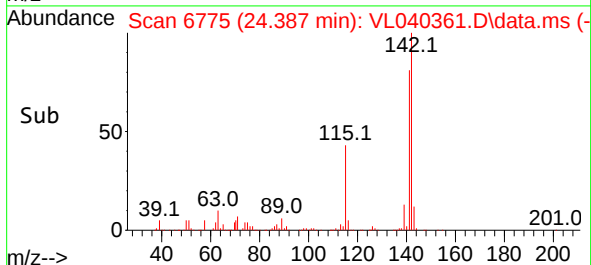
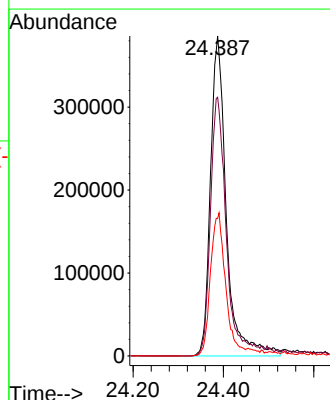
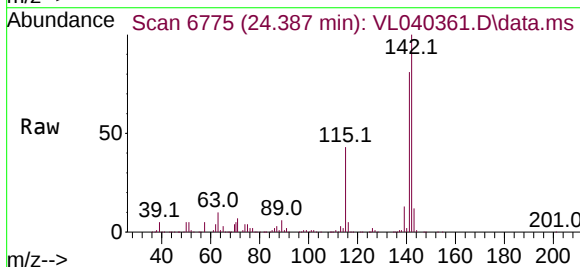
Instrument :
MSVOA_V
ClientSampleId :
ICVVL041323

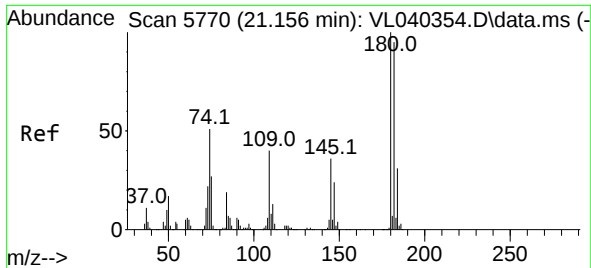
Tgt Ion:128 Resp: 3119411
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 13.536 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.003 min
Lab File: VL040361.D
Acq: 13 Apr 2023 14:56

Tgt Ion:142 Resp: 939953
Ion Ratio Lower Upper
142 100
141 84.3 65.1 97.7
115 45.3 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 11.147 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040361.D

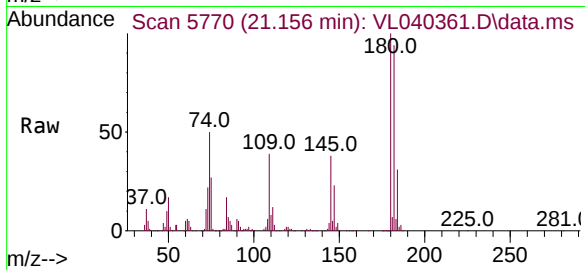
Acq: 13 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

ICVVL041323



Tgt Ion:180 Resp: 1598093

Ion Ratio Lower Upper

180 100

182 96.0 77.7 116.5

184 30.7 24.2 36.2

