

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\Not Reviewed Data\
 Data File : VL040091.D
 Acq On : 16 Jan 2023 10:17
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jan 17 05:51:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1090685	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2857389	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	3432454	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2391754	8.384	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	1691072	8.843	ppbv	100
3) Chlorodifluoromethane	2.658	51	1219634	9.323	ppbv	100
4) Chloromethane	2.800	50	774844	9.583	ppbv	100
5) Vinyl Chloride	2.906	62	673601	9.827	ppbv	100
6) Bromomethane	3.105	94	238709	9.544	ppbv	100
7) Chloroethane	3.185	64	244047	9.315	ppbv	100
8) Dichlorotetrafluoroethane	2.841	85	1701729	9.532	ppbv	100
9) Propene	2.677	41	509683	9.377	ppbv	100
10) Heptane	7.581	43	1312891	10.480	ppbv	100
11) Trichlorofluoromethane	3.552	101	1862673	9.760	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1381207	9.626	ppbv	100
13) Ethanol	3.234	45	33350	6.666	ppbv	92
14) Bromoethene	3.353	108	532707	10.001	ppbv	100
15) Acetone	3.456	43	1204887	9.211	ppbv	100
16) 1,3-Butadiene	2.970	39	593507	9.732	ppbv	100
17) tert-Butyl alcohol	3.867	59	1263131	10.370	ppbv	100
18) 1,1-Dichloroethene	3.870	96	605542	9.714	ppbv	100
19) Isopropyl Alcohol	3.565	45	618891	9.670	ppbv	99
20) Methylene Chloride	3.922	84	513211	8.893	ppbv	100
21) Allyl Chloride	3.986	41	846346	10.077	ppbv	100
22) trans-1,2-Dichloroethene	4.436	96	626975	9.843	ppbv	100
23) Vinyl Acetate	4.619	43	410635	9.684	ppbv	99
24) 1,1-Dichloroethane	4.555	63	1265032	9.852	ppbv	100
25) Ethyl Acetate	5.198	43	2267200	9.838	ppbv	100
26) Hexane	5.208	57	962031	9.539	ppbv	100
27) Carbon Disulfide	4.115	76	1486757	11.380	ppbv	100
28) Methyl tert-Butyl Ether	4.578	73	1117725	9.852	ppbv	100
29) Chloroform	5.269	83	1535213	9.521	ppbv	100
30) Cyclohexane	6.603	84	827066	10.316	ppbv	100
31) cis-1,2-Dichloroethene	5.073	61	960295	9.836	ppbv	100
32) 1,1,1-Trichloroethane	5.999	97	1733325	10.576	ppbv	100
34) 2-Butanone	4.777	43	1359766	10.061	ppbv	100
35) Carbon Tetrachloride	6.494	117	1827089	11.309	ppbv	100
36) Benzene	6.369	78	2111959	9.988	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1343081	9.882	ppbv	100
38) Trichloroethene	7.291	130	1253479	10.445	ppbv	100
39) 1,2-Dichloropropane	7.073	63	823699	9.959	ppbv	100
40) 1,4-Dioxane	7.288	88	336890	10.263	ppbv	100
41) Tetrahydrofuran	5.552	42	792606	10.160	ppbv	100
42) Bromodichloromethane	7.250	83	1971916	10.744	ppbv	100
43) Methyl Methacrylate	7.478	69	865035	11.148	ppbv	100
44) 2,2,4-Trimethylpentane	7.327	57	3562653	10.131	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	844909	12.211	ppbv	100

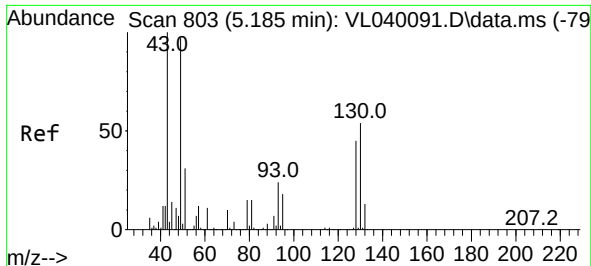
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 Data File : VL040091.D
 Acq On : 16 Jan 2023 10:17
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 Sample : VSTDICCC010
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Instrument :
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 ClientSampleId :
 VSTDICCC010

Quant Time: Jan 17 05:51:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1130042	11.952	ppbv	100
47) 1,1,2-Trichloroethane	8.902	97	894955	10.277	ppbv	100
48) Dibromochloromethane	9.716	129	1595394	11.399	ppbv	100
49) Bromoform	12.413	173	1293213	11.995	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2258006	10.621	ppbv	100
51) 2-Hexanone	9.555	43	1802194	11.189	ppbv	100
52) Tetrachloroethene	10.619	164	728732	10.535	ppbv	100
53) Toluene	9.224	91	2440919	10.823	ppbv	100
54) 1,2-Dibromoethane	10.015	107	1034309	11.345	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.513	131	1141134	8.542	ppbv	98
57) Chlorobenzene	11.532	112	1901324	8.126	ppbv	100
58) Ethyl Benzene	12.095	91	3379737	8.823	ppbv	100
59) m/p-Xylene	12.378	91	3409793	9.900	ppbv #	51
60) o-Xylene	13.066	91	2848607	8.714	ppbv	100
61) Styrene	12.909	104	1627593	9.554	ppbv	100
62) Isopropylbenzene	14.037	105	3976139	8.456	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	964447	8.125	ppbv	100
64) n-propylbenzene	14.921	120	1012383	8.661	ppbv	100
65) tert-Butylbenzene	16.101	119	3480692	8.646	ppbv	100
66) Benzyl Chloride	16.342	91	102493	3.725	ppbv #	65
67) sec-Butylbenzene	16.645	105	4909141	8.602	ppbv	100
69) p-Isopropyltoluene	17.005	119	3967265	8.846	ppbv	100
70) n-Butylbenzene	17.899	91	4251027	8.789	ppbv	100
71) 2-Chlorotoluene	14.809	91	3104196	8.584	ppbv	100
72) 4-Ethyltoluene	15.204	105	3245461	8.947	ppbv	100
73) 1,3,5-Trimethylbenzene	15.362	105	2870200	8.787	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	3122664	8.631	ppbv	100
75) 1,3-Dichlorobenzene	16.339	146	1720254	8.561	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	1682199	8.514	ppbv	100
77) 1,2-Dichlorobenzene	17.153	146	1628780	8.476	ppbv	100
78) Hexachloro-1,3-Butadiene	22.644	225	1051673	7.472	ppbv	100
79) Naphthalene	21.394	128	2123672	10.246	ppbv	100
80) Naphthalene,2-methyl-	24.387	142	640414	9.170	ppbv	100
81) 1,2,4-Trichlorobenzene	21.149	180	1112608	8.709	ppbv	100

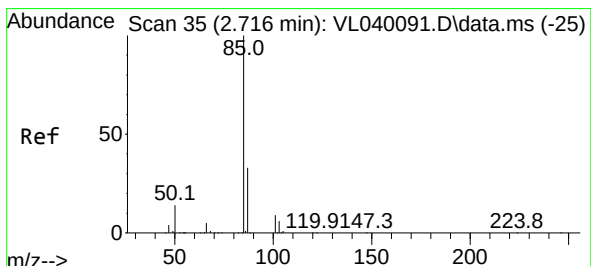
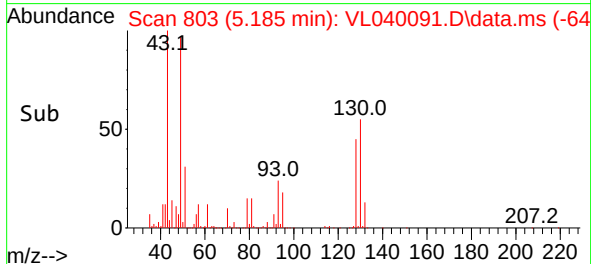
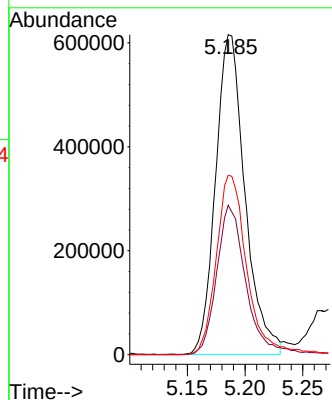
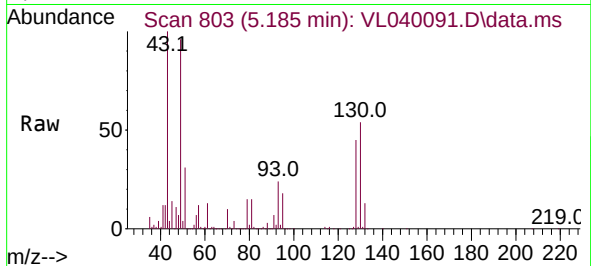
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 803
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

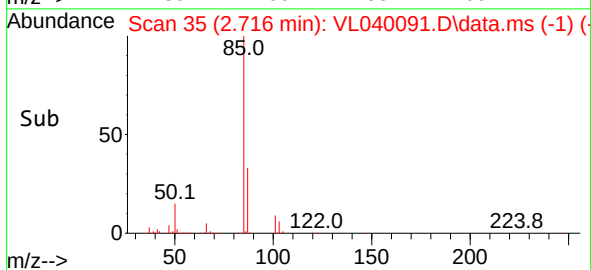
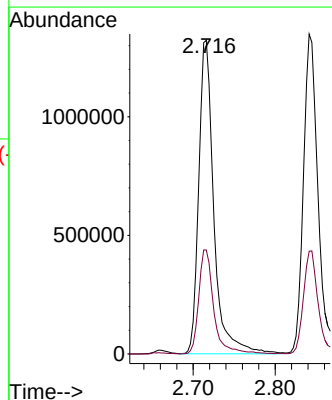
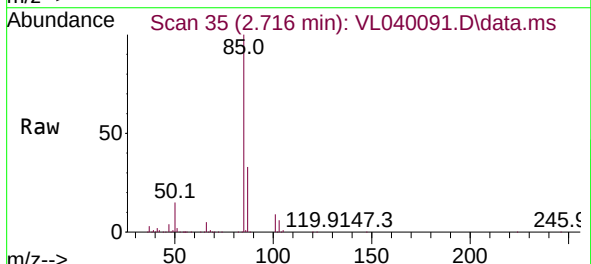
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

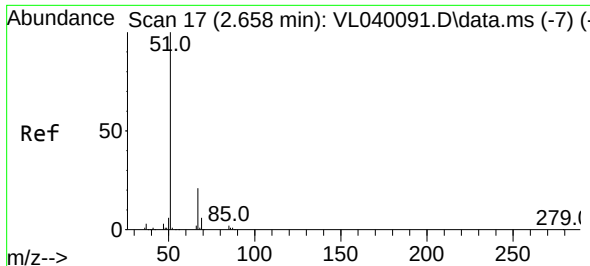
Tgt Ion: 49 Resp: 1090685
Ion Ratio Lower Upper
49 100
128 47.3 23.6 71.0
130 59.5 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 8.843 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 85 Resp: 1691072
Ion Ratio Lower Upper
85 100
87 33.1 26.5 39.7

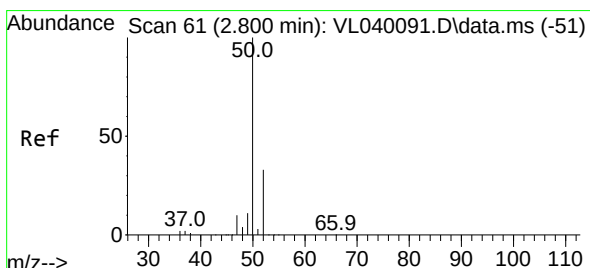
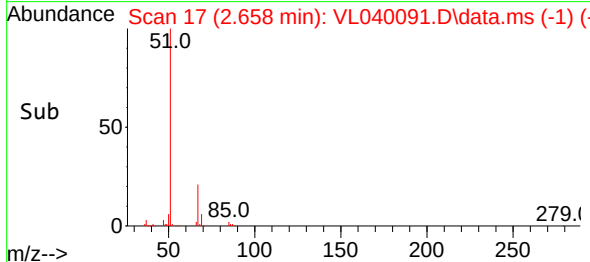
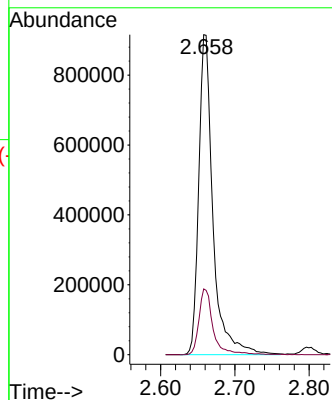
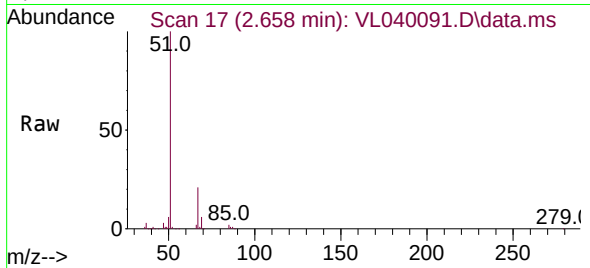




#3
Chlorodifluoromethane
Concen: 9.323 ppbv
RT: 2.658 min Scan# 17
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

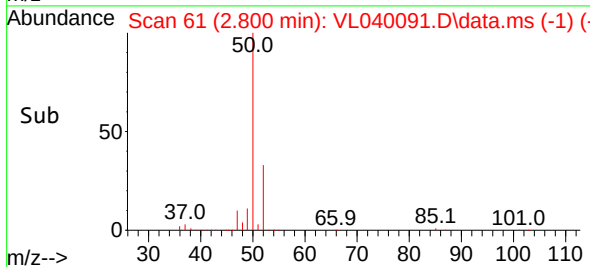
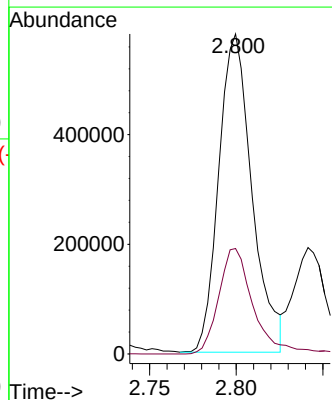
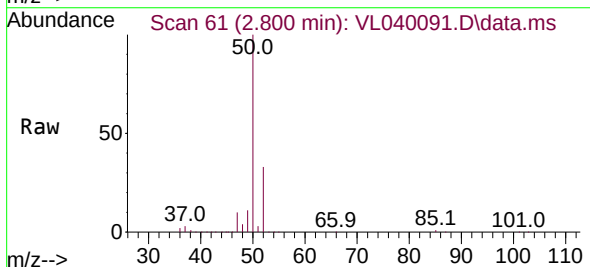
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ClientSampleId :
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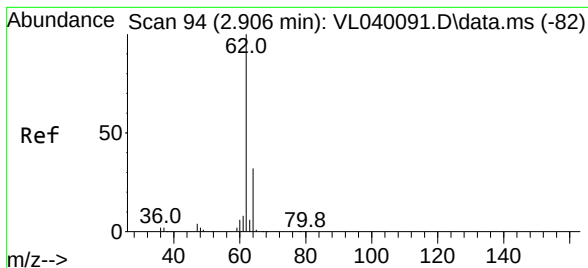
Tgt Ion: 51 Resp: 1219634
Ion Ratio Lower Upper
51 100
67 20.5 16.4 24.6



#4
Chloromethane
Concen: 9.583 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 50 Resp: 774844
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

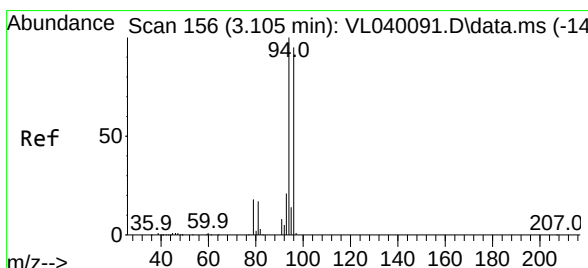
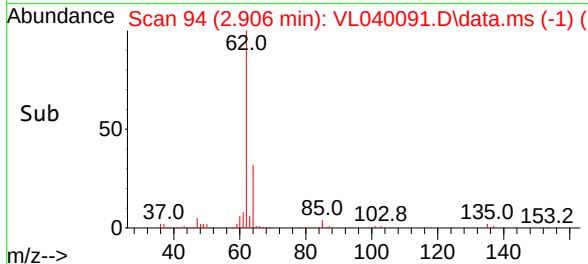
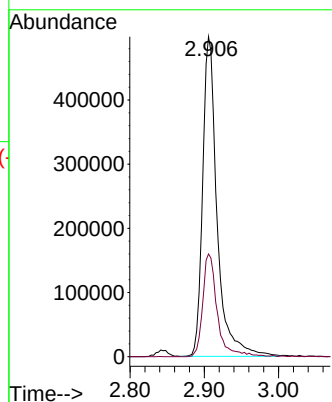
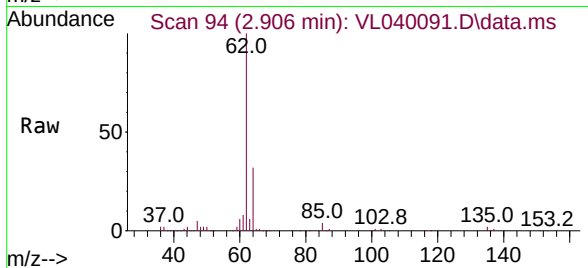




#5
 Vinyl Chloride
 Concen: 9.827 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

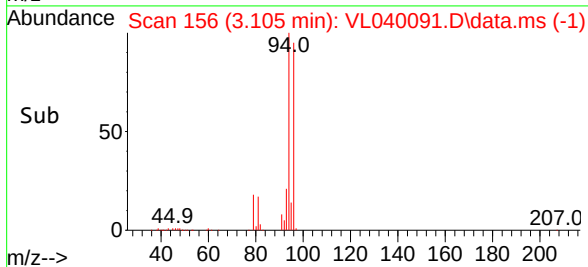
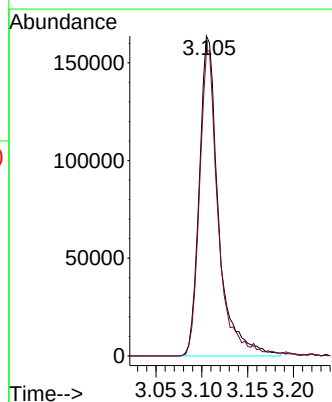
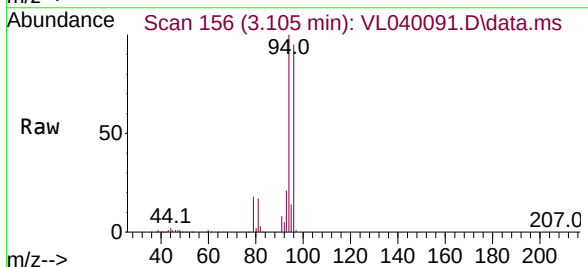
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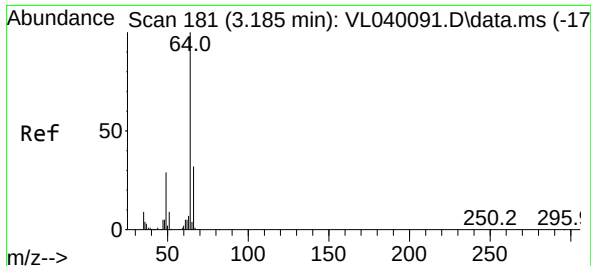
Tgt Ion: 62 Resp: 673601
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.8 38.6



#6
 Bromomethane
 Concen: 9.544 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

Tgt Ion: 94 Resp: 238709
 Ion Ratio Lower Upper
 94 100
 96 95.2 76.2 114.2

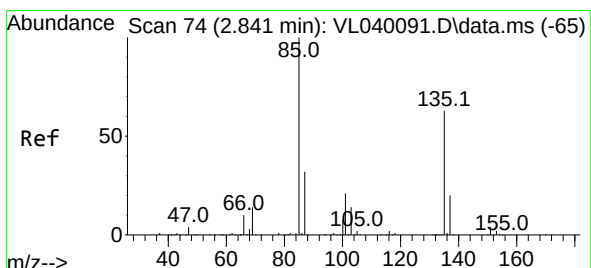
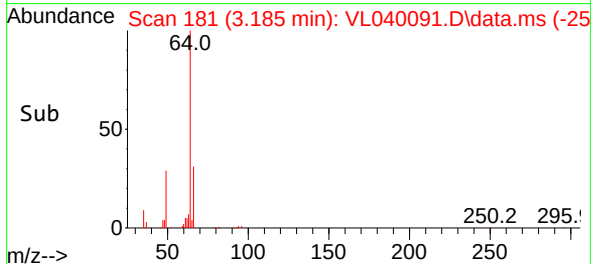
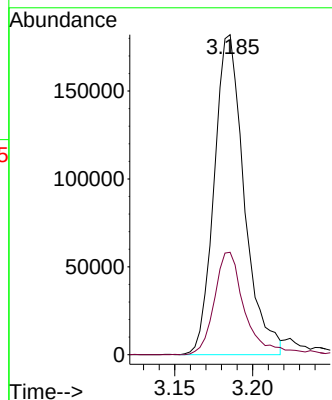
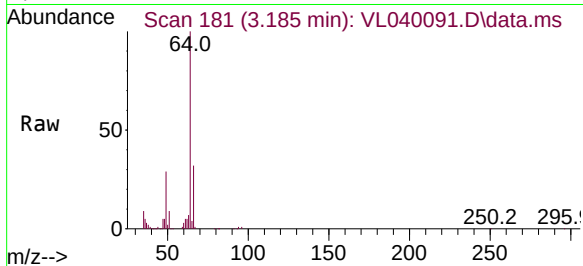




#7
Chloroethane
Concen: 9.315 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

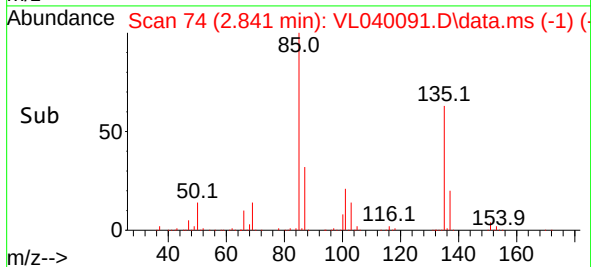
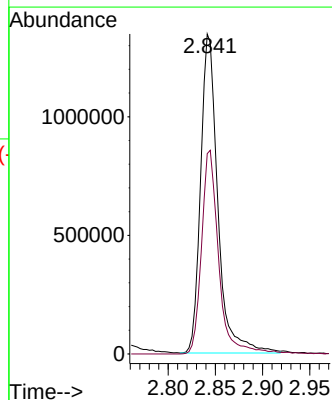
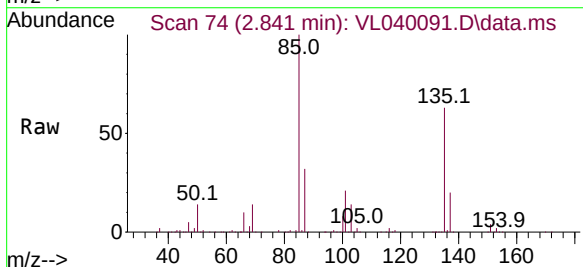
Instrument :
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ClientSampleId :
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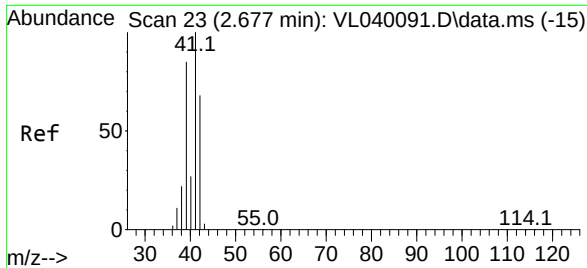
Tgt Ion: 64 Resp: 244047
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.532 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 85 Resp: 1701729
Ion Ratio Lower Upper
85 100
135 64.3 51.4 77.2

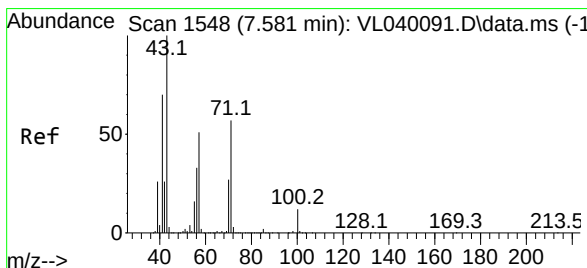
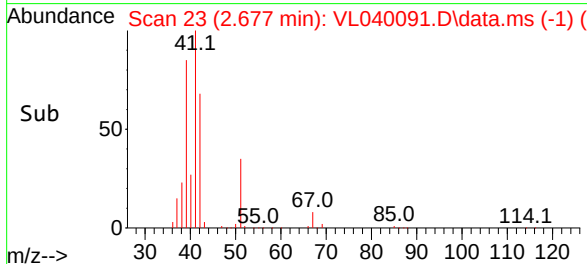
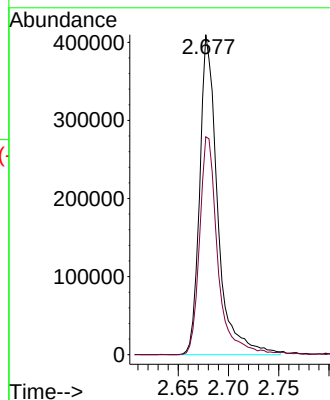
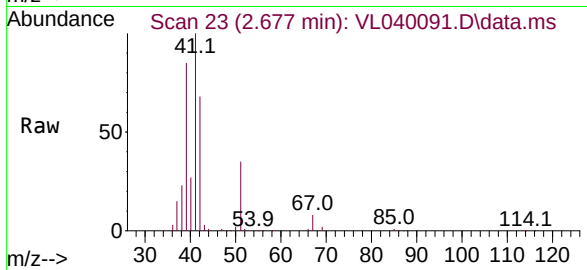




#9
 Propene
 Concen: 9.377 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

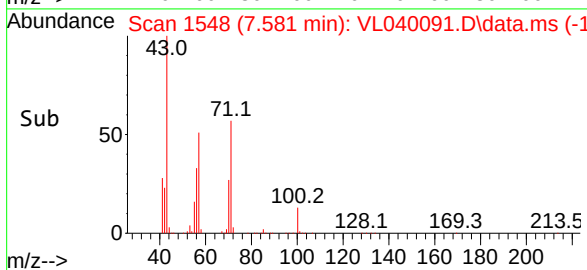
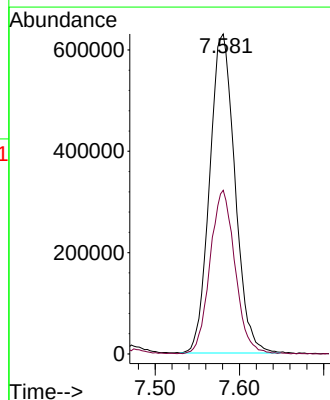
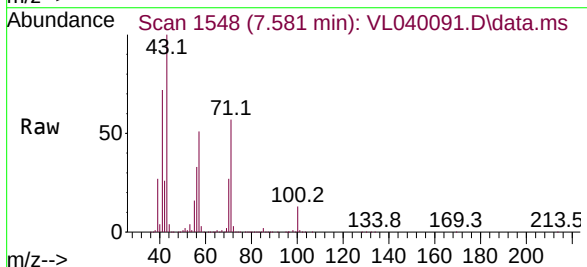
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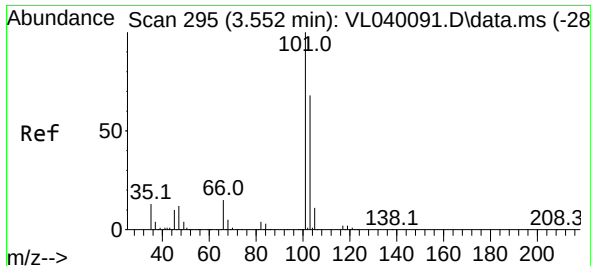
Tgt Ion: 41 Resp: 509683
 Ion Ratio Lower Upper
 41 100
 42 69.5 55.6 83.4



#10
 Heptane
 Concen: 10.480 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

Tgt Ion: 43 Resp: 1312891
 Ion Ratio Lower Upper
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 57 51.1 40.9 61.3

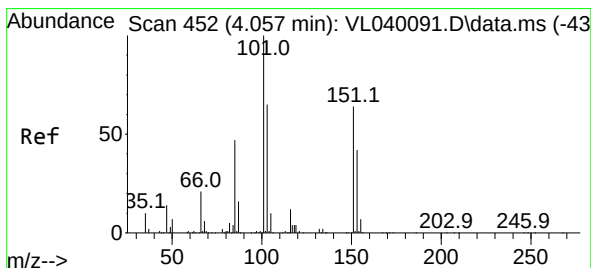
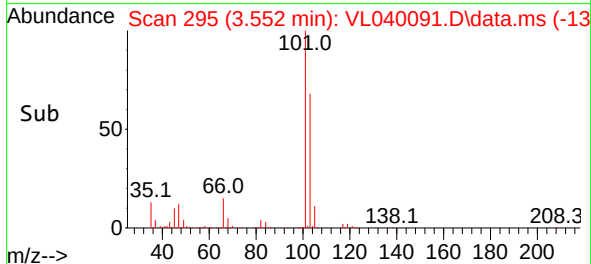
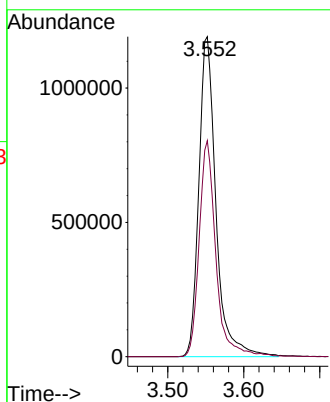
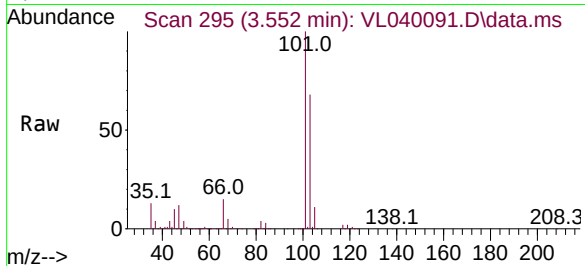




#11
 Trichlorofluoromethane
 Concen: 9.760 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

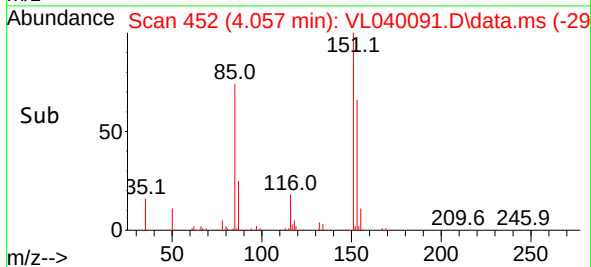
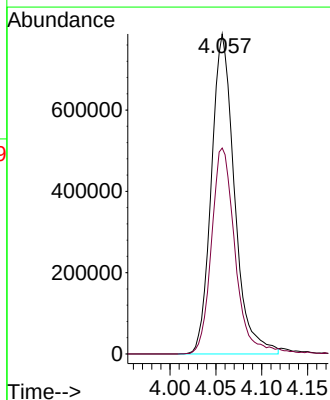
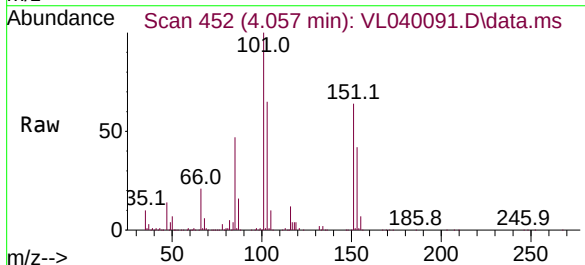
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

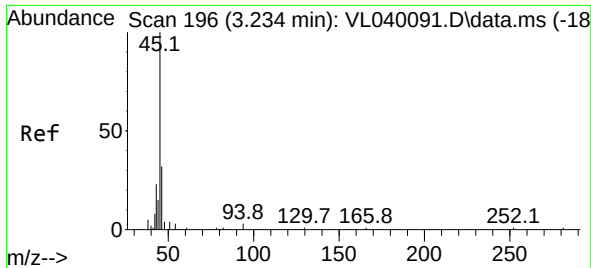
Tgt Ion:101 Resp: 1862673
 Ion Ratio Lower Upper
 101 100
 103 67.5 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.626 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

Tgt Ion:101 Resp: 1381207
 Ion Ratio Lower Upper
 101 100
 151 66.5 53.2 79.8

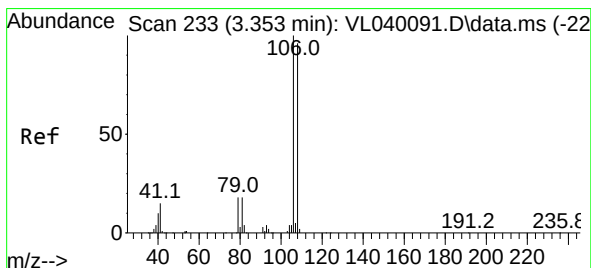
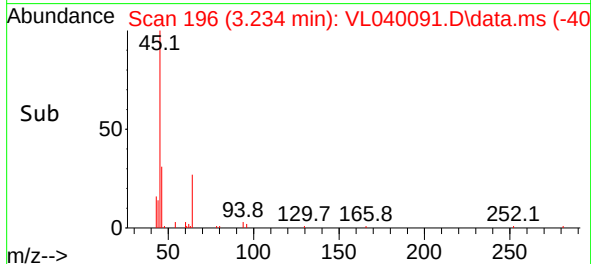
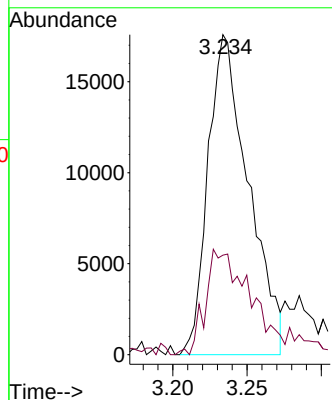
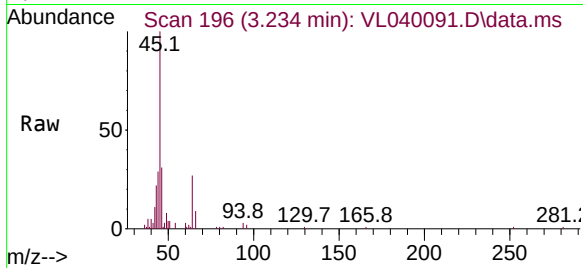




#13
Ethanol
Concen: 6.666 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

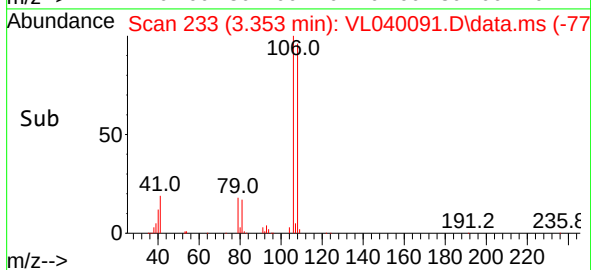
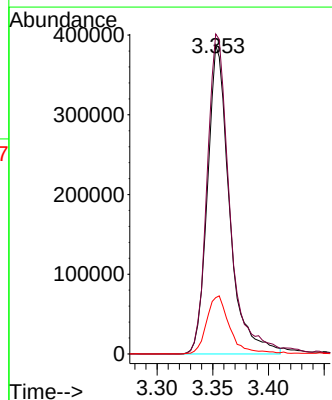
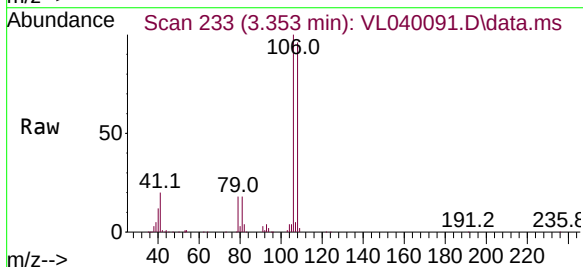
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

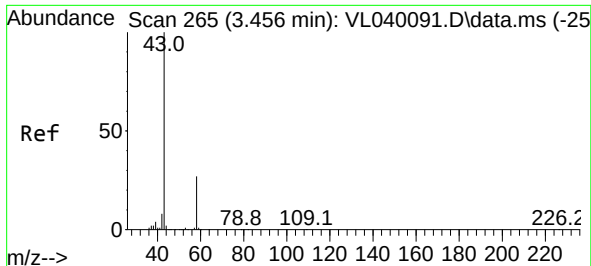
Tgt Ion: 45 Resp: 33350
Ion Ratio Lower Upper
45 100
46 41.9 14.8 59.2



#14
Bromoethene
Concen: 10.001 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 108 Resp: 532707
Ion Ratio Lower Upper
108 100
106 108.8 87.0 130.6
79 20.5 16.1 24.1

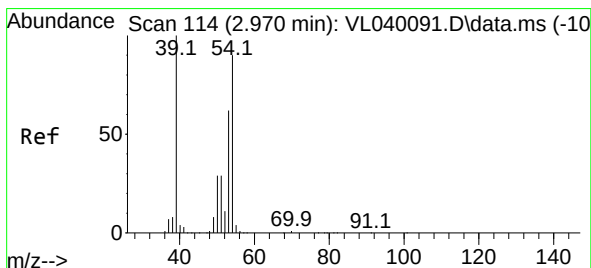
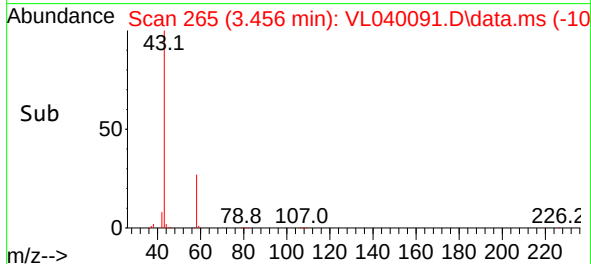
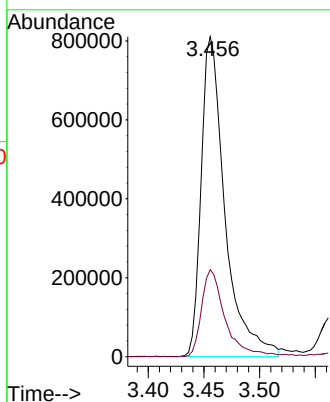
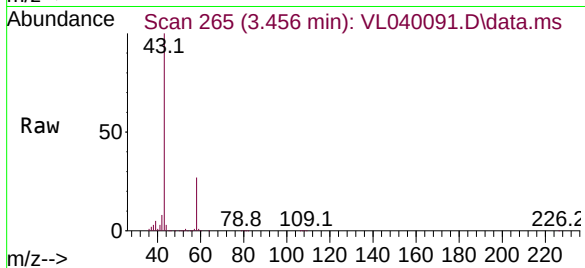




#15
Acetone
Concen: 9.211 ppbv
RT: 3.456 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

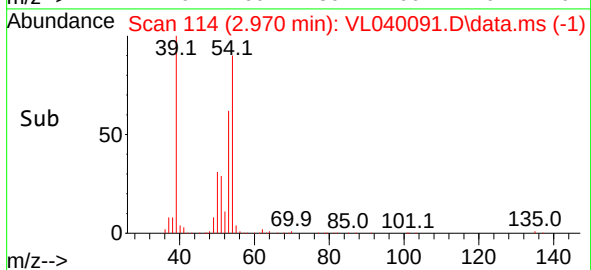
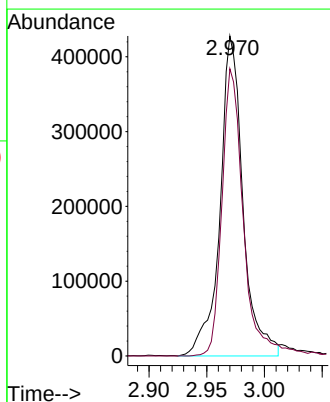
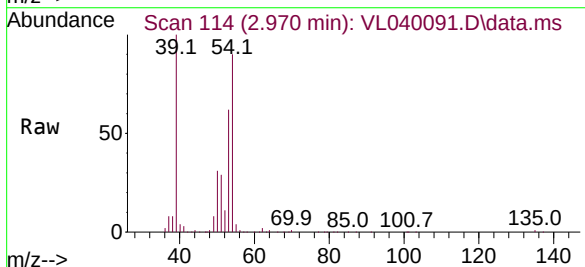
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

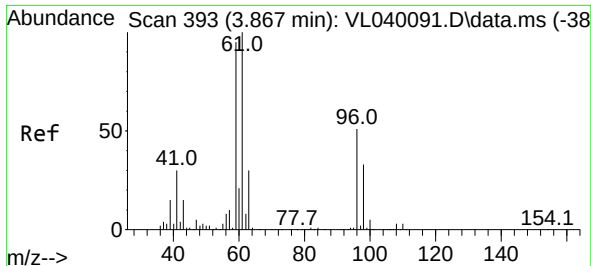
Tgt Ion: 43 Resp: 1204887
Ion Ratio Lower Upper
43 100
58 27.3 21.8 32.8



#16
1,3-Butadiene
Concen: 9.732 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 39 Resp: 593507
Ion Ratio Lower Upper
39 100
54 84.9 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.370 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_L

ClientSampleId :

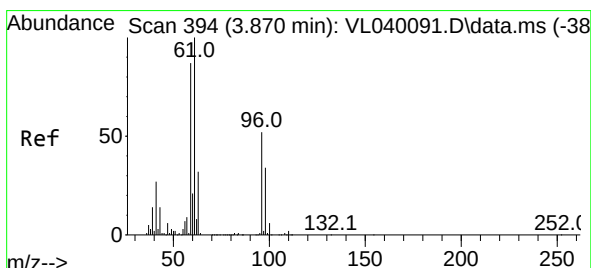
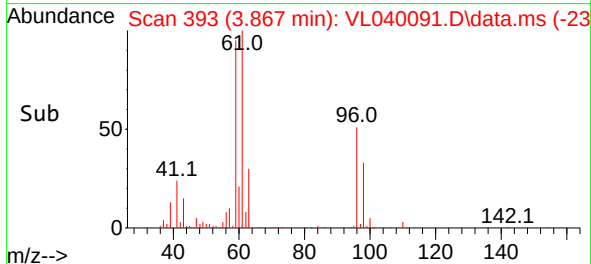
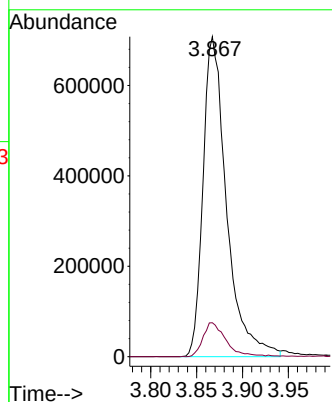
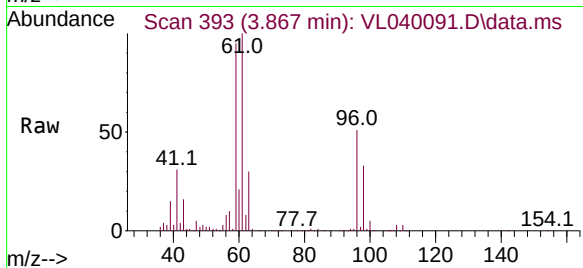
VSTDICCC010

Tgt Ion: 59 Resp: 1263131

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.714 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

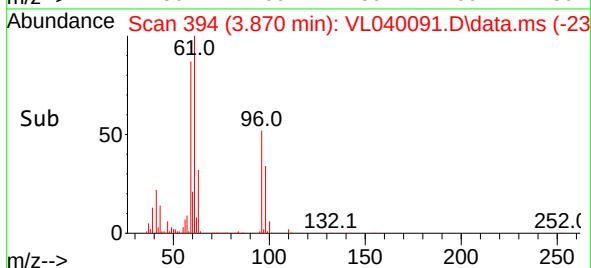
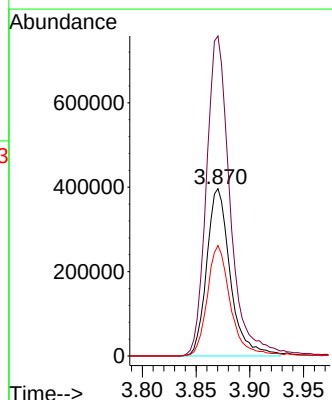
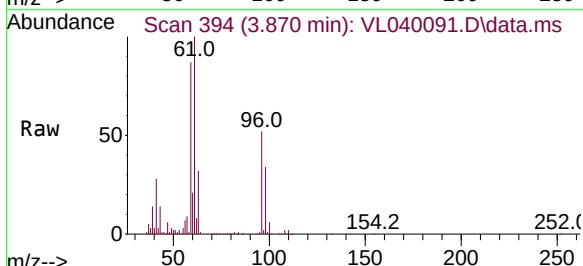
Tgt Ion: 96 Resp: 605542

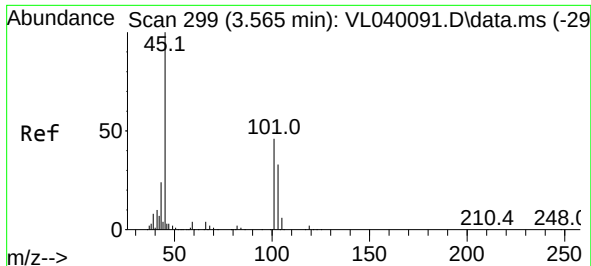
Ion Ratio Lower Upper

96 100

61 191.2 153.0 229.4

98 65.9 52.7 79.1

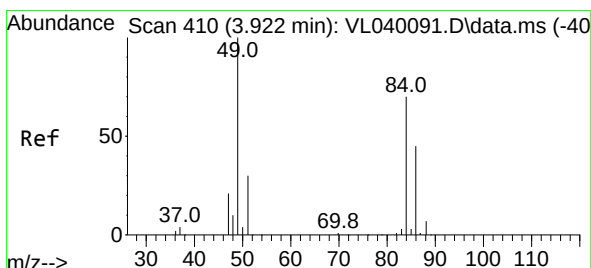
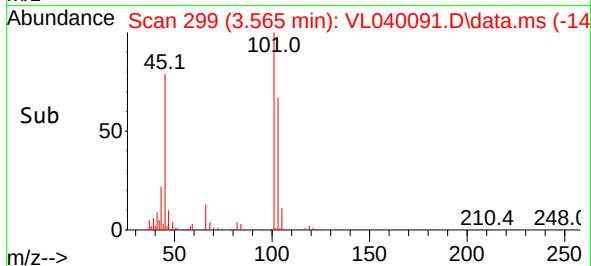
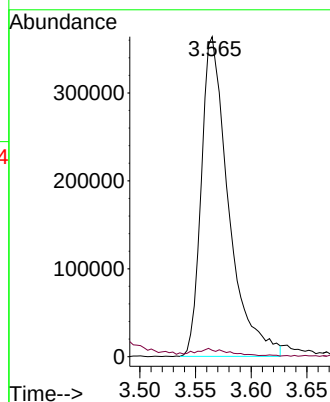
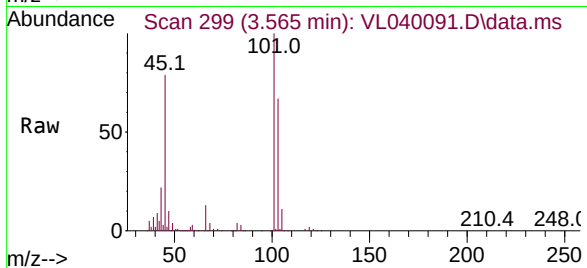




#19
Isopropyl Alcohol
Concen: 9.670 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

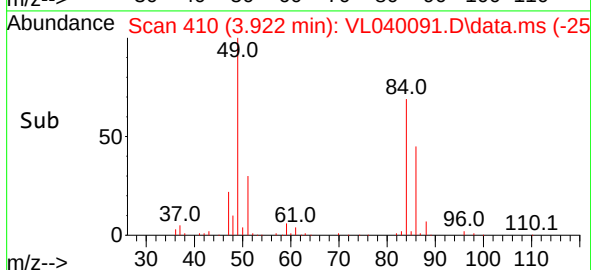
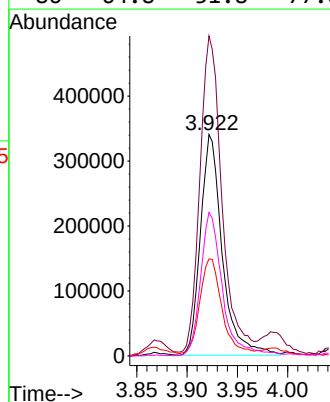
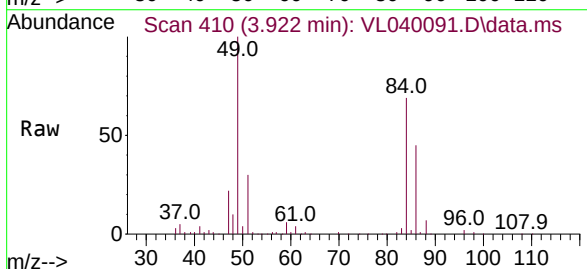
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

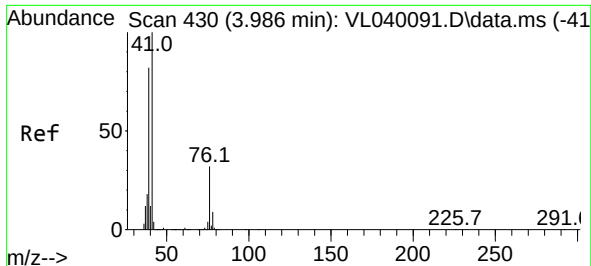
Tgt Ion: 45 Resp: 618891
Ion Ratio Lower Upper
45 100
58 3.1 2.6 4.0



#20
Methylene Chloride
Concen: 8.893 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 84 Resp: 513211
Ion Ratio Lower Upper
84 100
49 143.2 114.6 171.8
51 42.9 34.3 51.5
86 64.8 51.8 77.8





#21

Allyl Chloride

Concen: 10.077 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

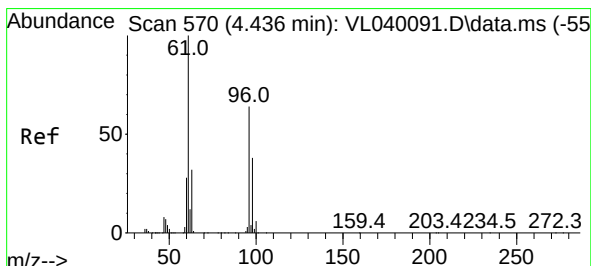
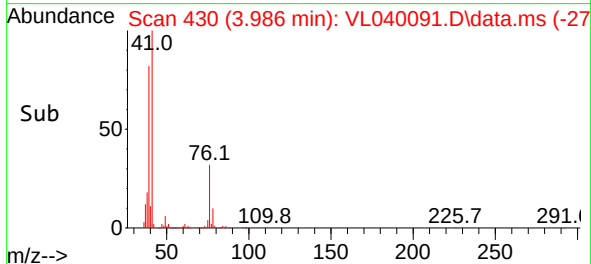
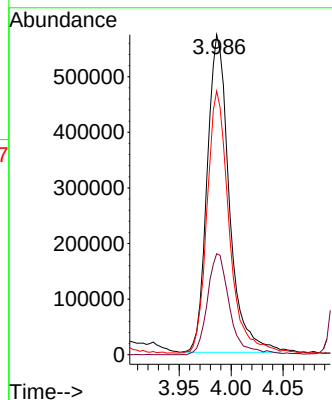
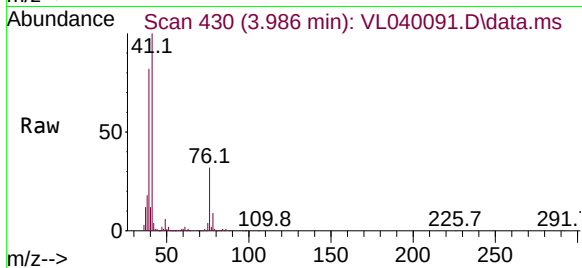
Tgt Ion: 41 Resp: 846346

Ion Ratio Lower Upper

41 100

76 32.4 25.9 38.9

39 83.5 66.8 100.2



#22

trans-1,2-Dichloroethene

Concen: 9.843 ppbv

RT: 4.436 min Scan# 570

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

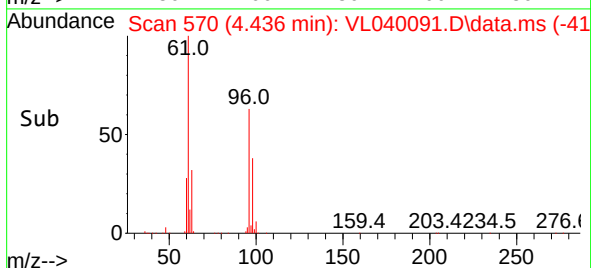
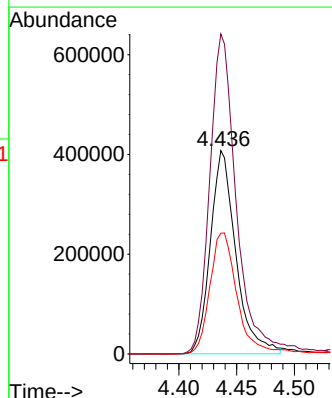
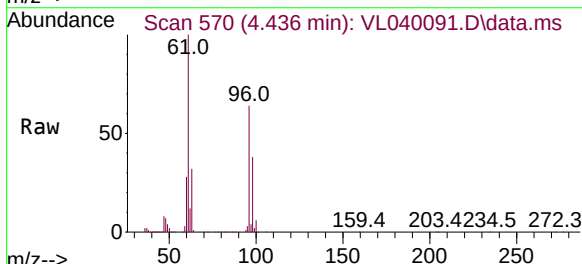
Tgt Ion: 96 Resp: 626975

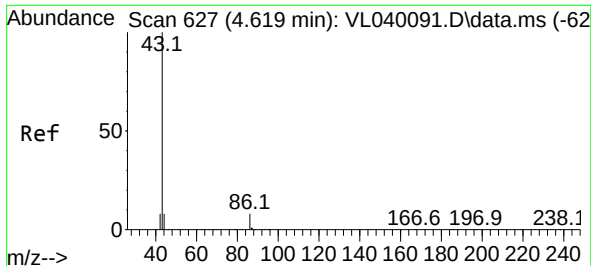
Ion Ratio Lower Upper

96 100

61 157.3 125.8 188.8

98 59.3 47.4 71.2



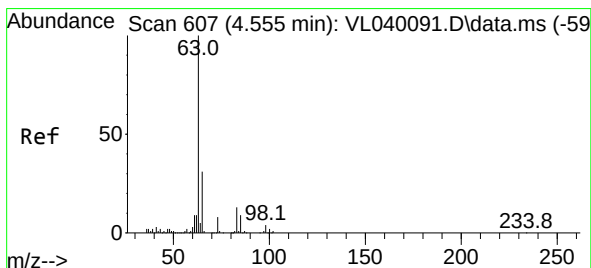
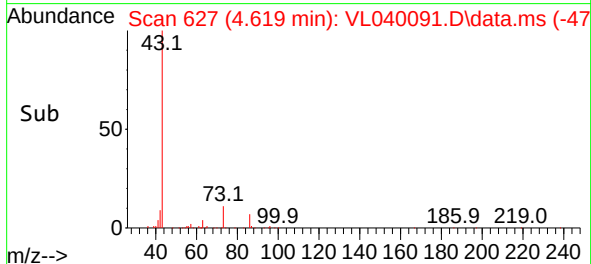
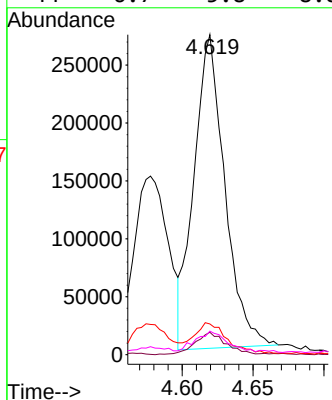
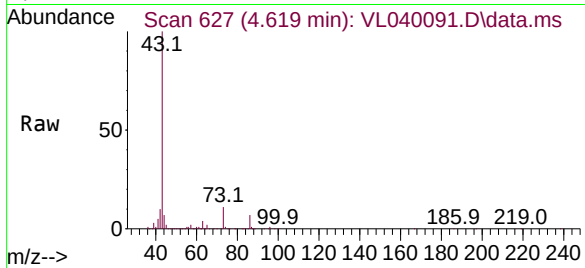


#23
 Vinyl Acetate
 Concen: 9.684 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 410635

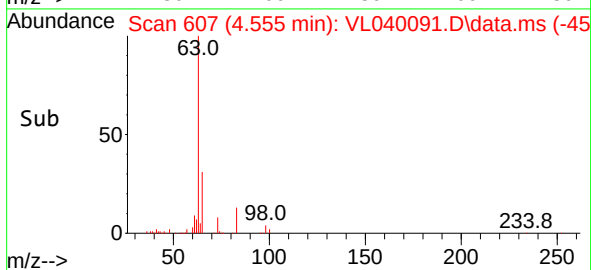
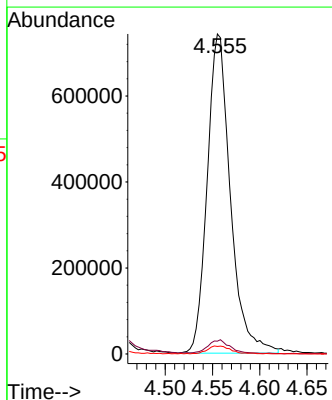
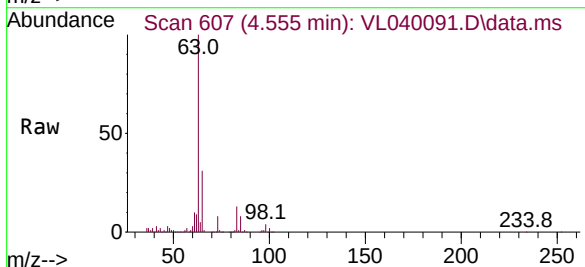
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.6	8.4
42	9.4	7.7	11.5
44	6.7	5.8	8.8

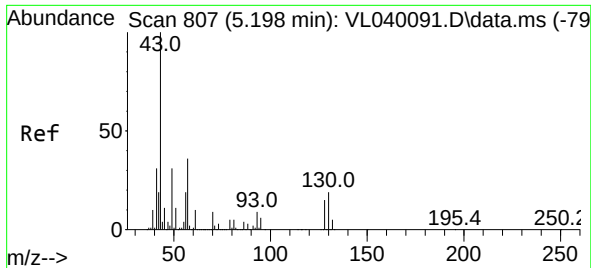


#24
 1,1-Dichloroethane
 Concen: 9.852 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

Tgt Ion: 63 Resp: 1265032

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	5.8
100	2.3	1.1	3.5



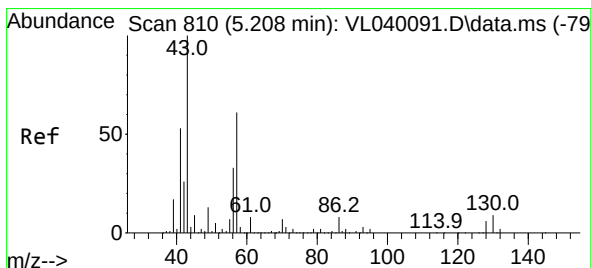
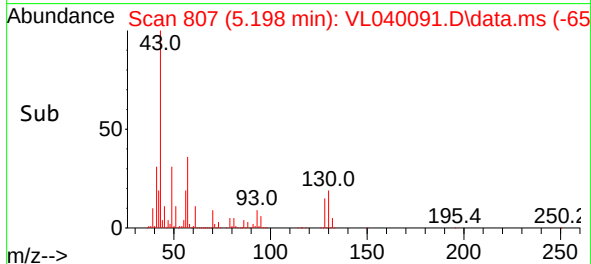
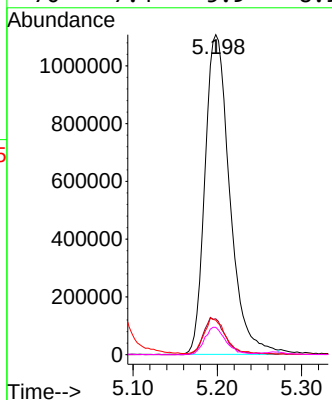
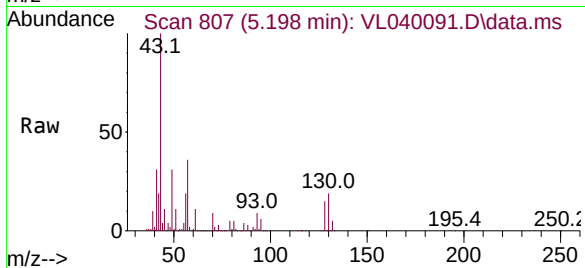


#25
Ethyl Acetate
Concen: 9.838 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2267200

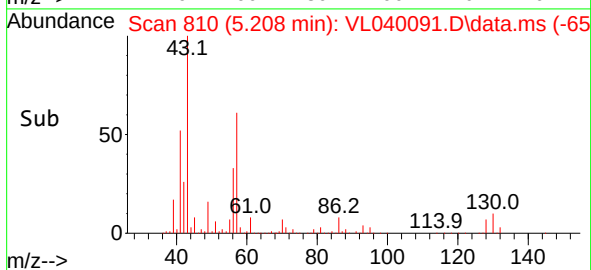
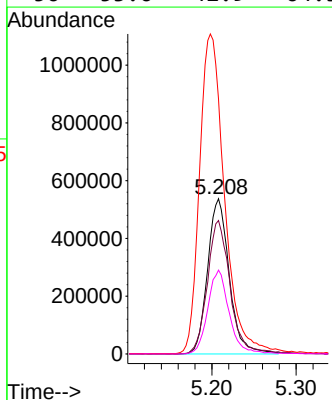
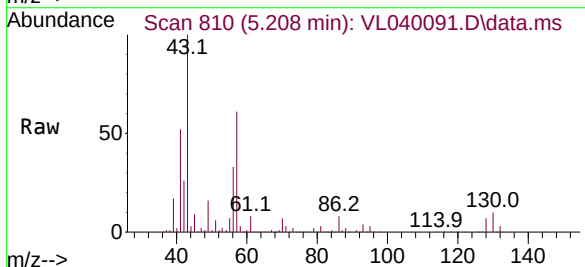
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.5	8.4	12.6
70	7.4	5.9	8.9

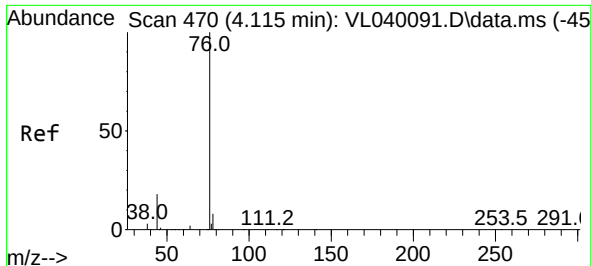


#26
Hexane
Concen: 9.539 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 57 Resp: 962031

Ion	Ratio	Lower	Upper
57	100		
41	90.3	72.2	108.4
43	240.1	192.1	288.1
56	53.6	42.9	64.3



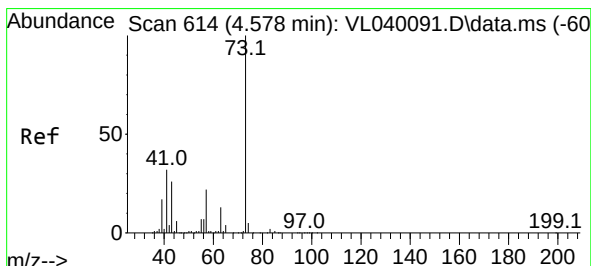
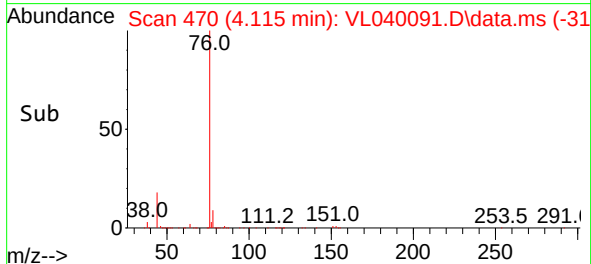
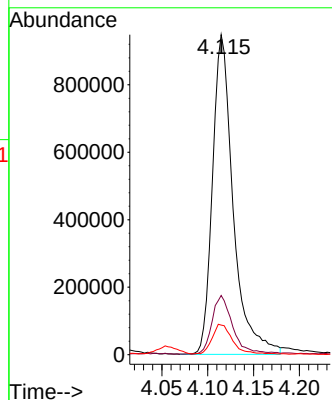
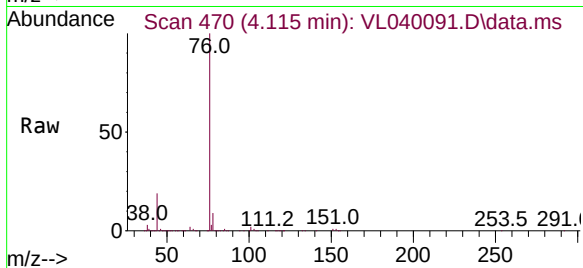


#27
Carbon Disulfide
Concen: 11.380 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1486757

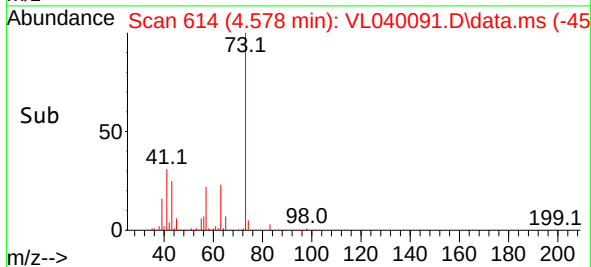
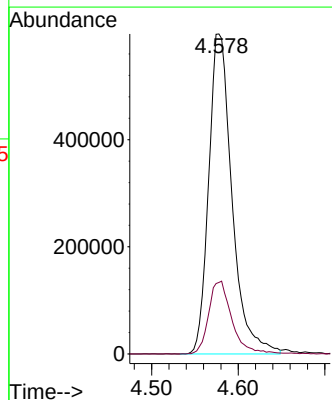
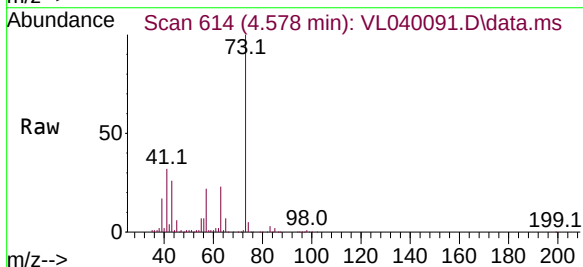
Ion	Ratio	Lower	Upper
76	100		
44	18.6	14.9	22.3
78	10.2	8.2	12.2

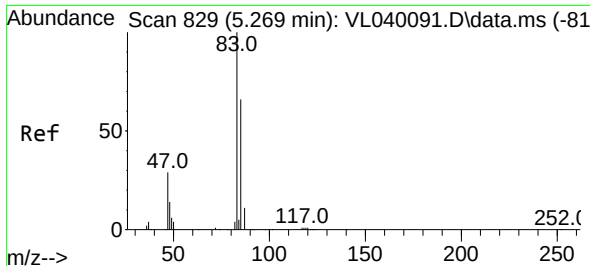


#28
Methyl tert-Butyl Ether
Concen: 9.852 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 73 Resp: 1117725

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.3	27.5

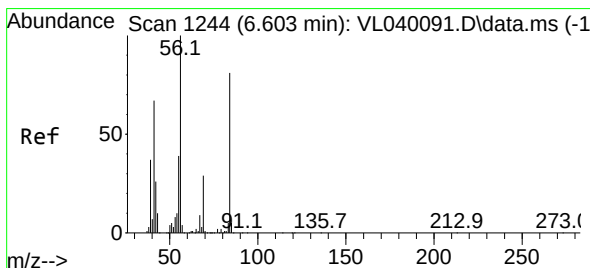
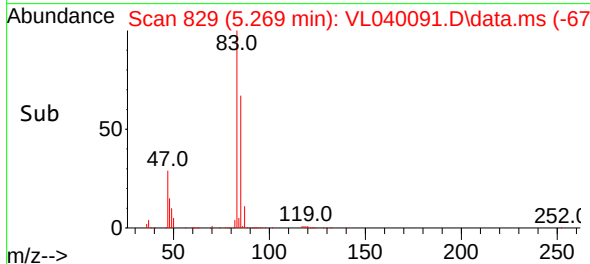
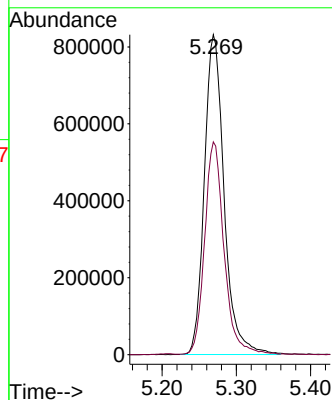
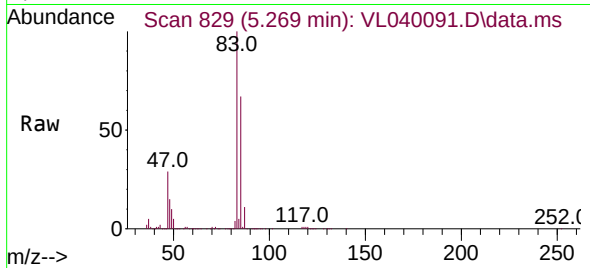




#29
Chloroform
Concen: 9.521 ppbv
RT: 5.269 min Scan# 829
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

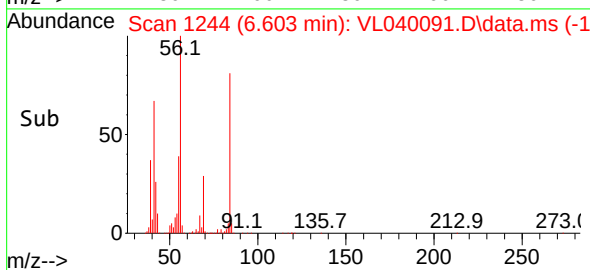
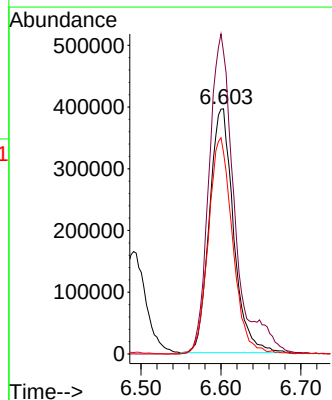
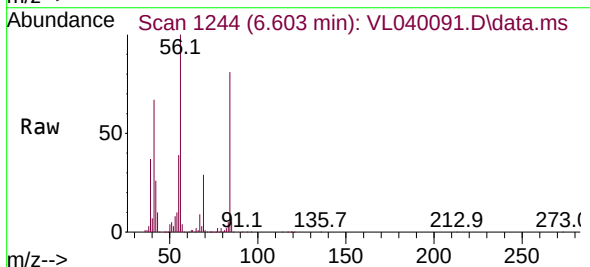
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

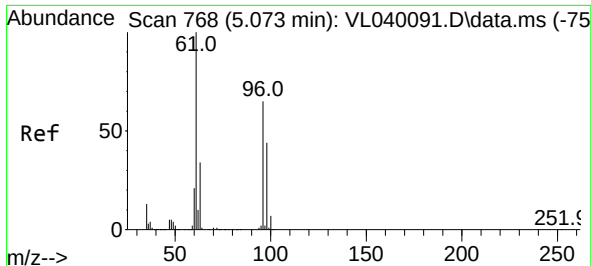
Tgt Ion: 83 Resp: 1535213
Ion Ratio Lower Upper
83 100
85 66.4 53.1 79.7



#30
Cyclohexane
Concen: 10.316 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 84 Resp: 827066
Ion Ratio Lower Upper
84 100
56 139.5 111.5 167.3
41 89.2 71.4 107.0

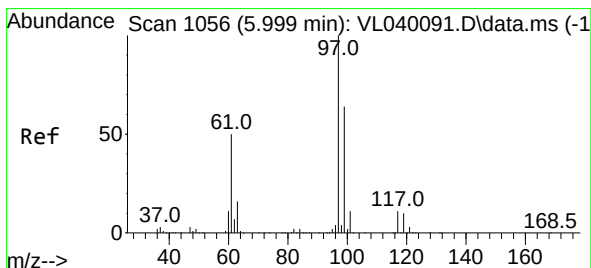
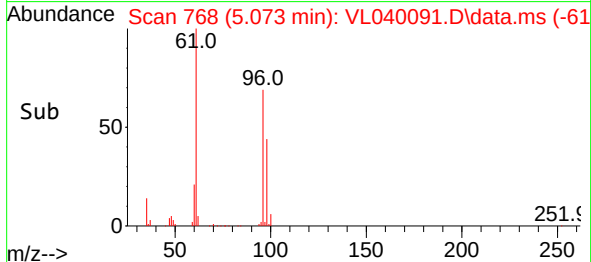
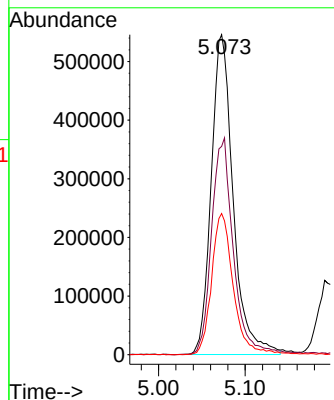
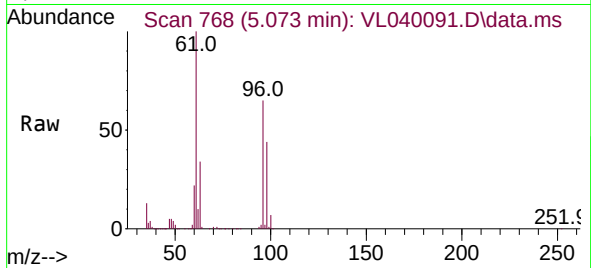




#31
 cis-1,2-Dichloroethene
 Concen: 9.836 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

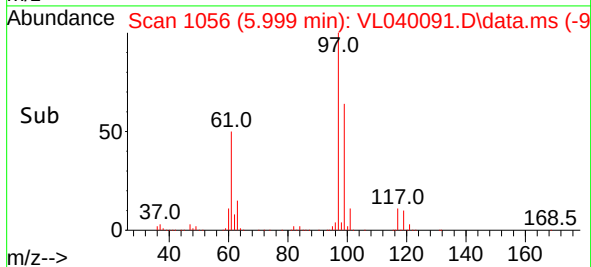
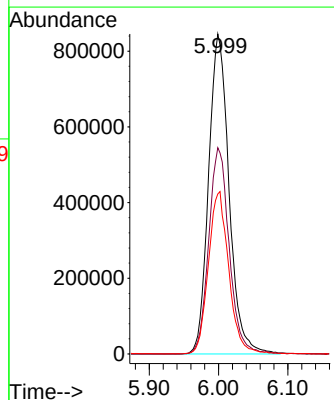
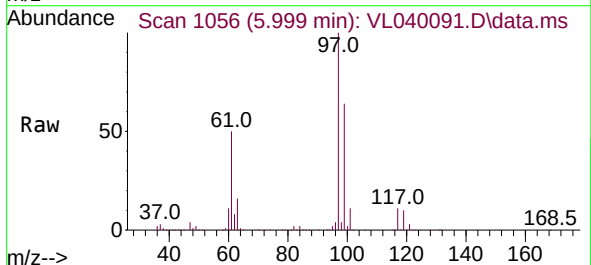
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

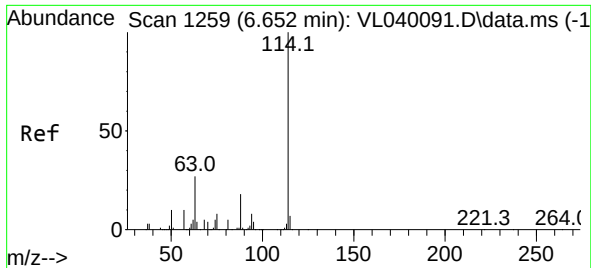
Tgt Ion: 61 Resp: 960295
 Ion Ratio Lower Upper
 61 100
 96 65.0 52.0 78.0
 98 44.1 35.3 52.9



#32
 1,1,1-Trichloroethane
 Concen: 10.576 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

Tgt Ion: 97 Resp: 1733325
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.8 77.6
 61 50.5 40.4 60.6

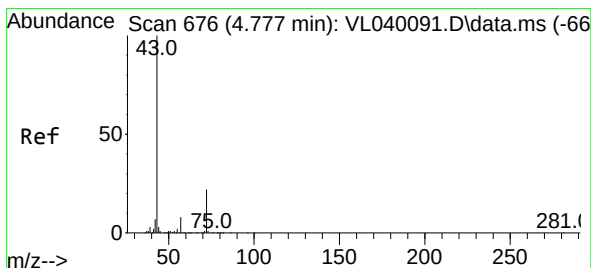
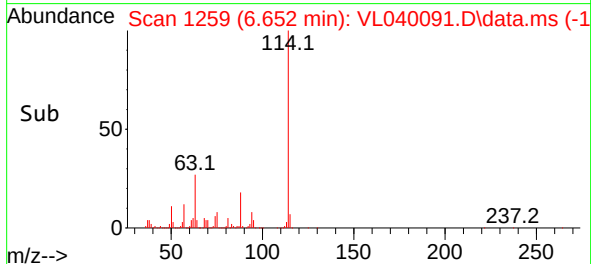
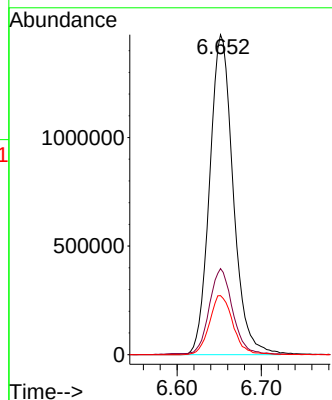
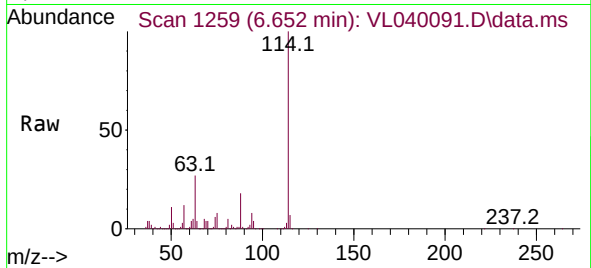




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

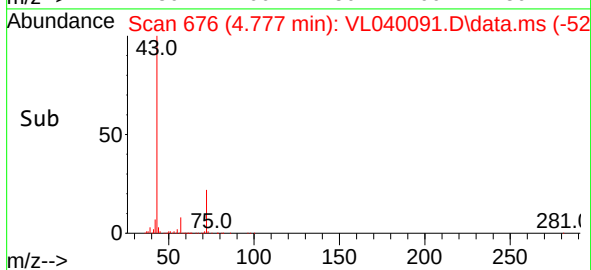
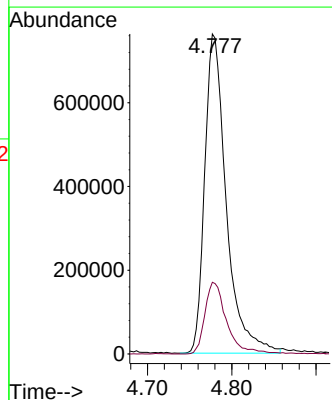
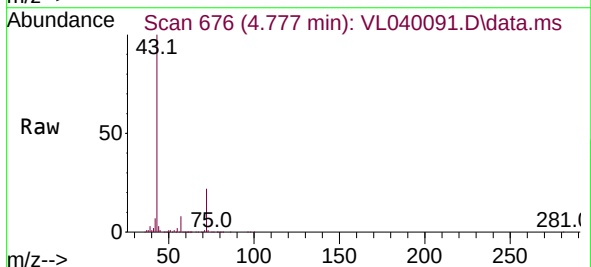
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

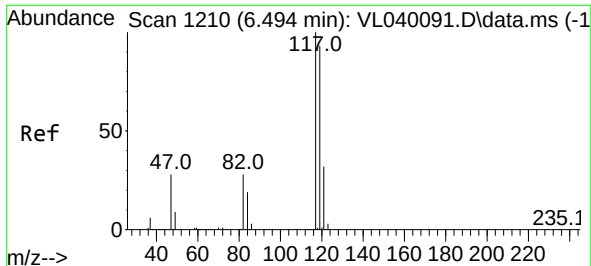
Tgt Ion:114 Resp: 2857389
Ion Ratio Lower Upper
114 100
63 27.3 21.8 32.8
88 18.5 14.8 22.2



#34
2-Butanone
Concen: 10.061 ppbv
RT: 4.777 min Scan# 676
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 43 Resp: 1359766
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6

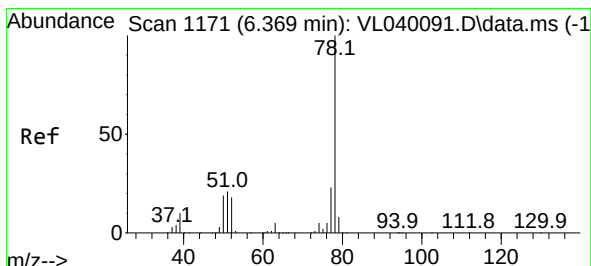
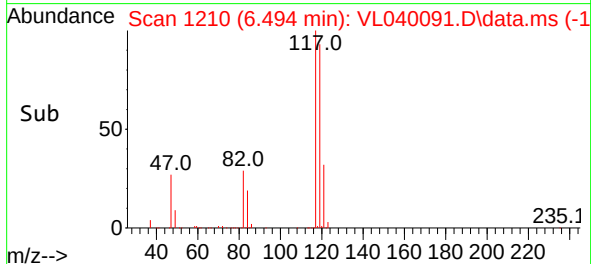
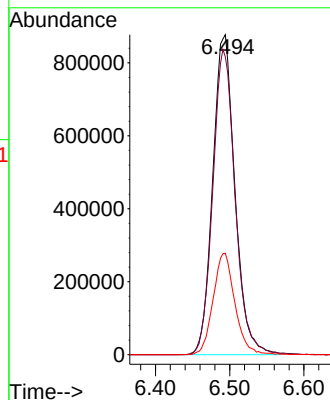
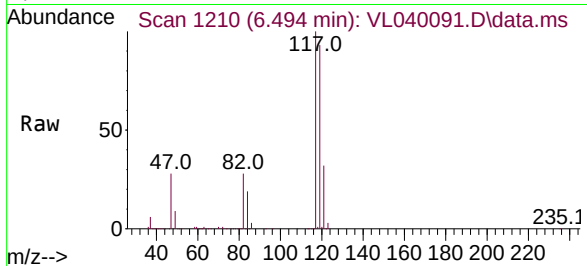




#35
Carbon Tetrachloride
Concen: 11.309 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

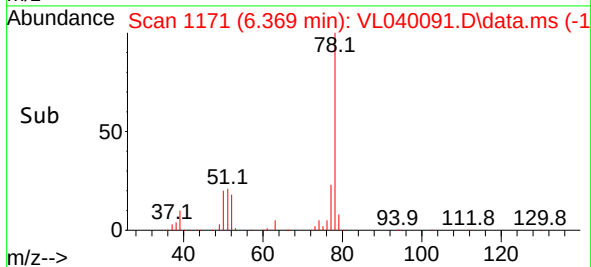
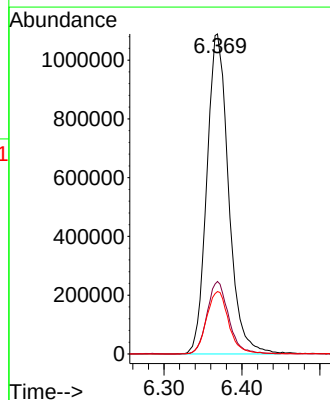
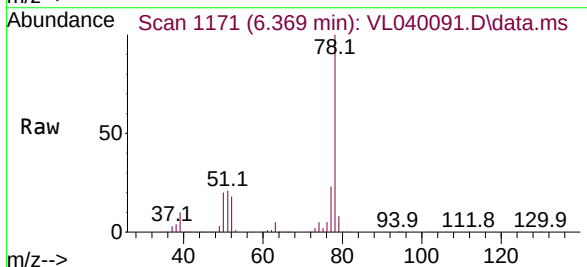
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

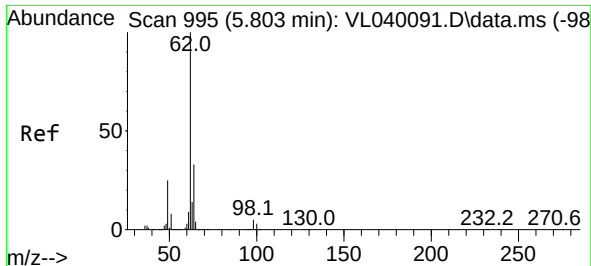
Tgt Ion:117 Resp: 1827089
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 31.7 25.4 38.0



#36
Benzene
Concen: 9.988 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 78 Resp: 2111959
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1
50 19.5 15.6 23.4

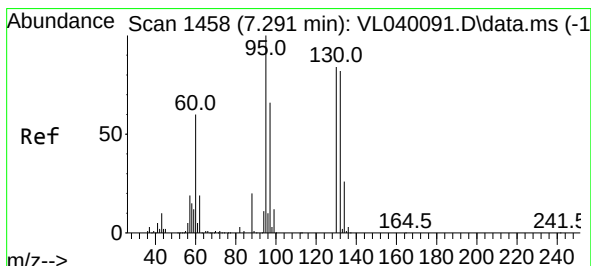
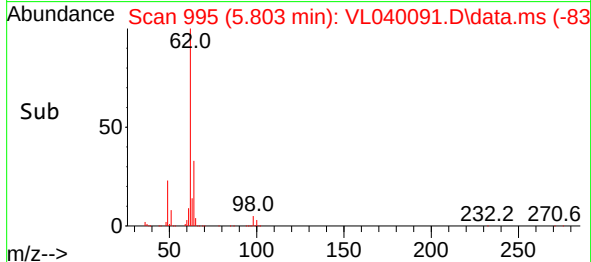
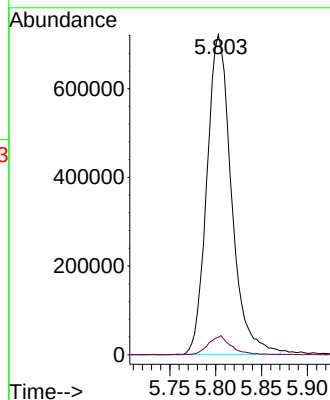
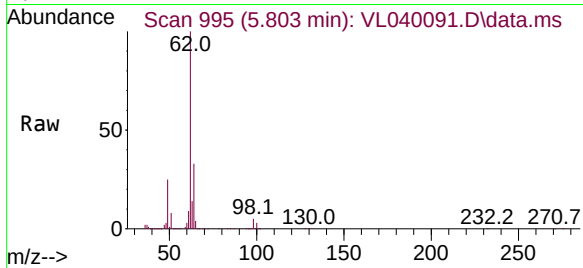




#37
1,2-Dichloroethane
Concen: 9.882 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

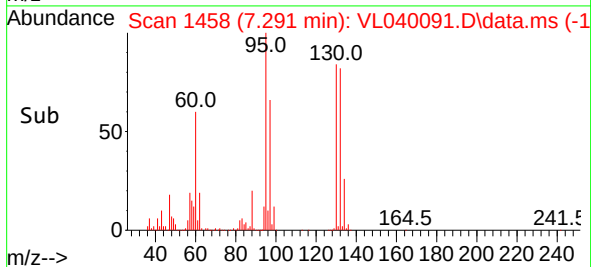
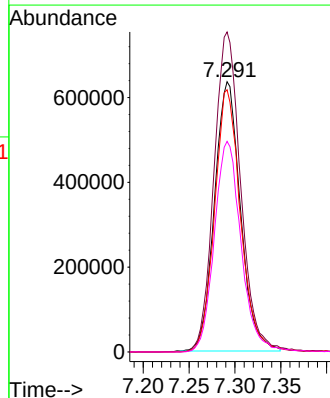
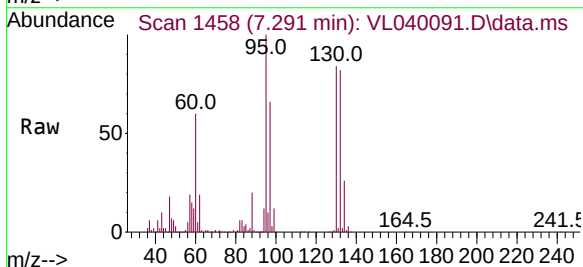
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

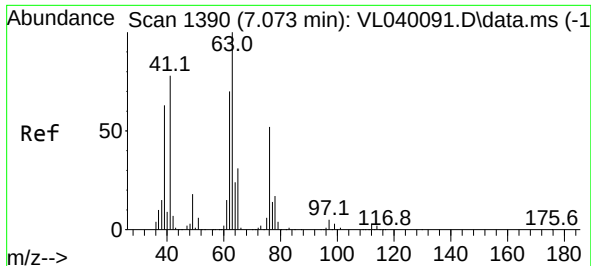
Tgt Ion: 62 Resp: 1343081
Ion Ratio Lower Upper
62 100
98 5.5 4.4 6.6



#38
Trichloroethene
Concen: 10.445 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 130 Resp: 1253479
Ion Ratio Lower Upper
130 100
95 118.8 95.0 142.6
132 97.4 77.9 116.9
97 78.2 62.6 93.8





#39

1,2-Dichloropropane

Concen: 9.959 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

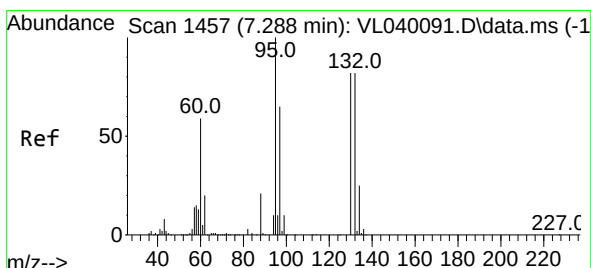
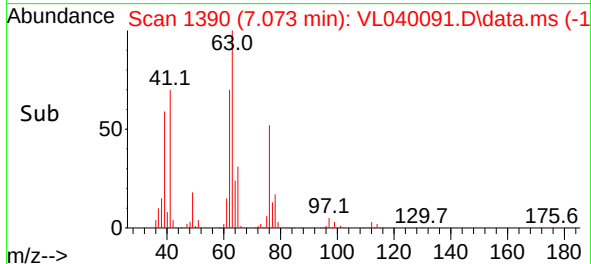
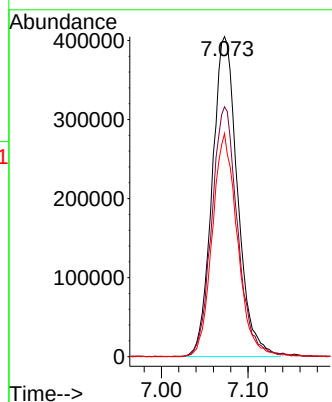
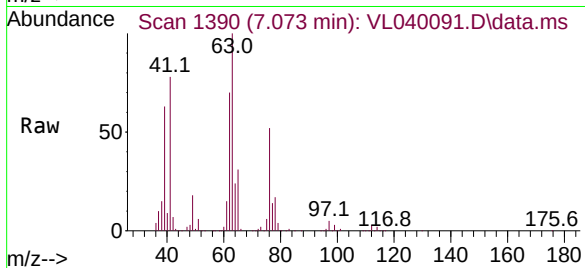
Tgt Ion: 63 Resp: 823699

Ion Ratio Lower Upper

63 100

41 77.8 62.2 93.4

62 69.8 55.8 83.8



#40

1,4-Dioxane

Concen: 10.263 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Tgt Ion: 88 Resp: 336890

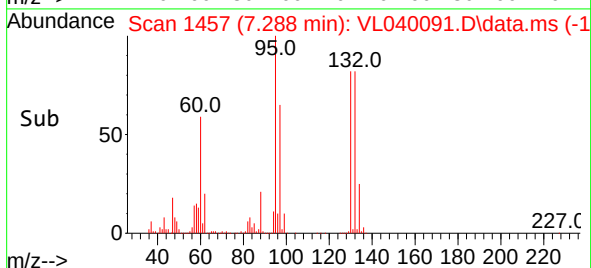
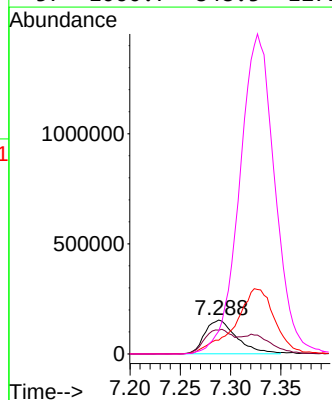
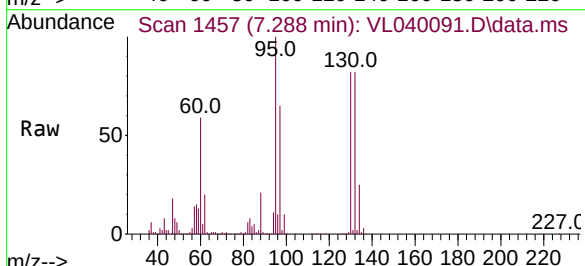
Ion Ratio Lower Upper

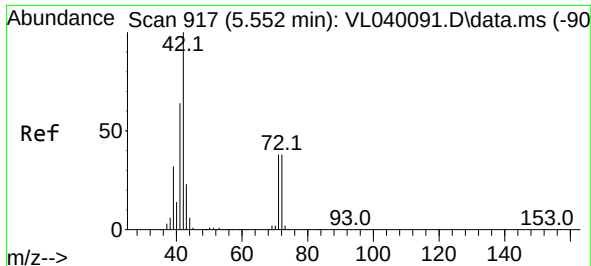
88 100

58 121.8 97.5 146.3

43 243.6 195.0 292.4

57 1060.7 848.5 1272.7





#41

Tetrahydrofuran

Concen: 10.160 ppbv

RT: 5.552 min Scan# 917

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

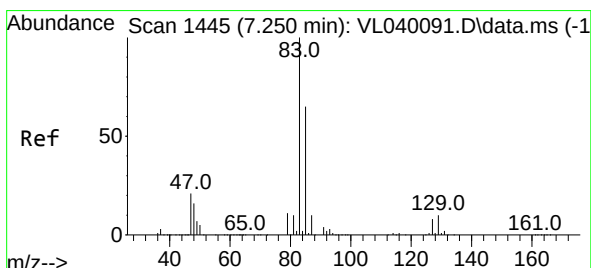
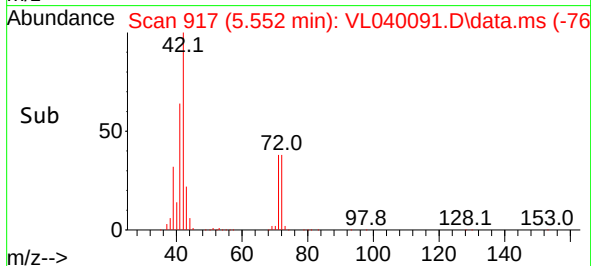
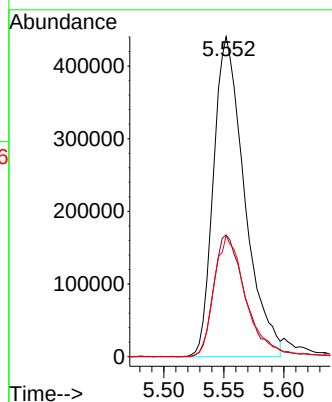
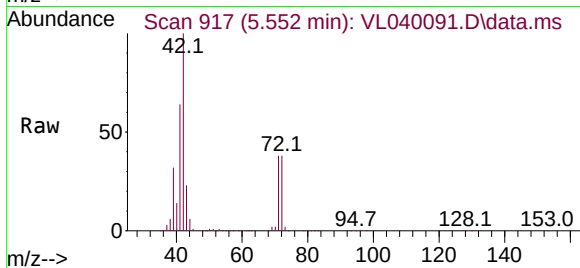
Tgt Ion: 42 Resp: 792606

Ion Ratio Lower Upper

42 100

72 39.9 31.9 47.9

71 39.3 31.4 47.2



#42

Bromodichloromethane

Concen: 10.744 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

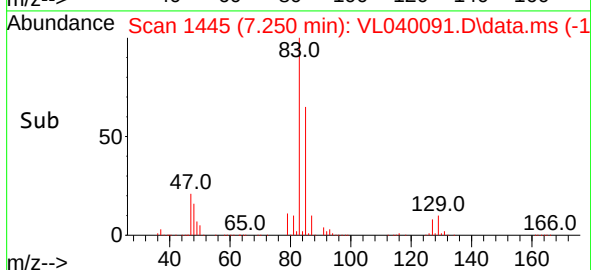
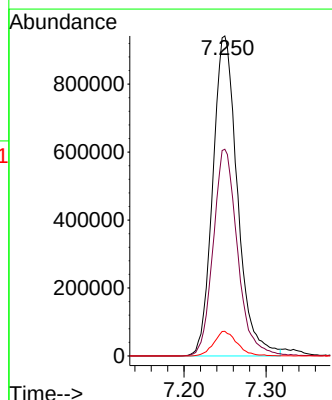
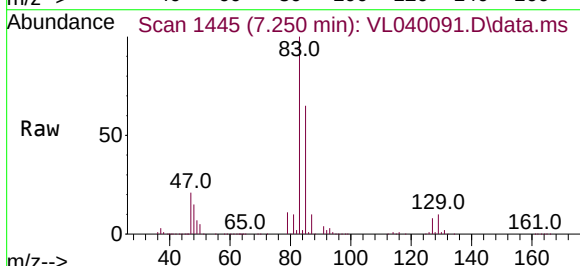
Tgt Ion: 83 Resp: 1971916

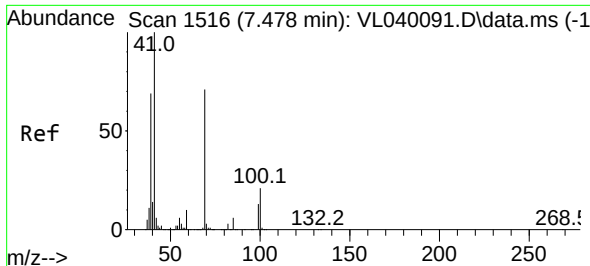
Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5

127 7.7 6.2 9.2

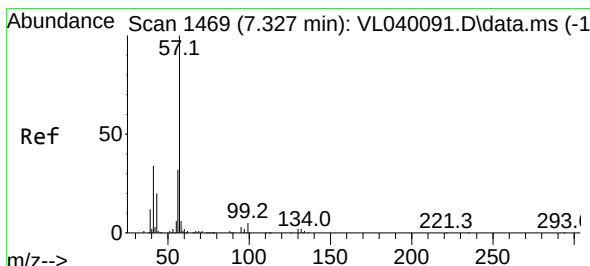
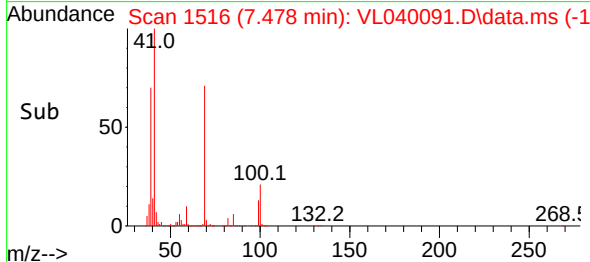
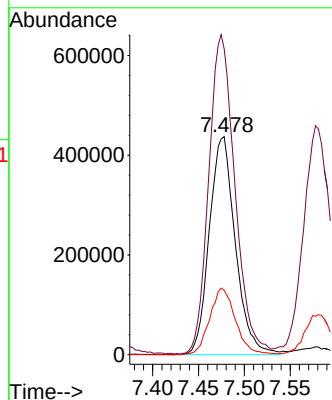
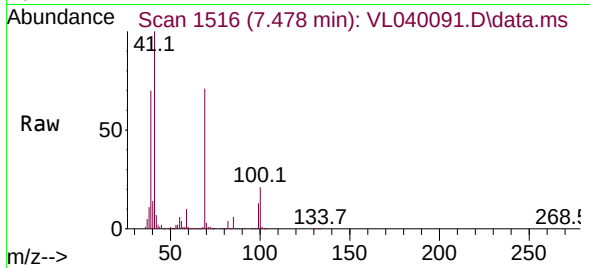




#43
Methyl Methacrylate
Concen: 11.148 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

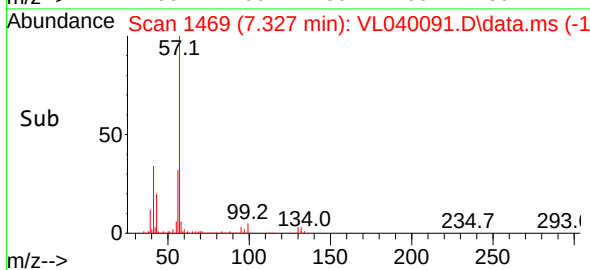
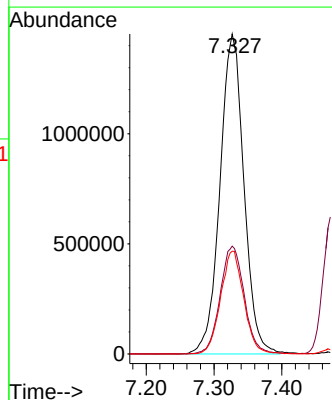
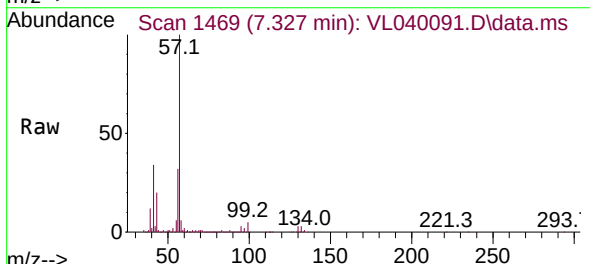
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

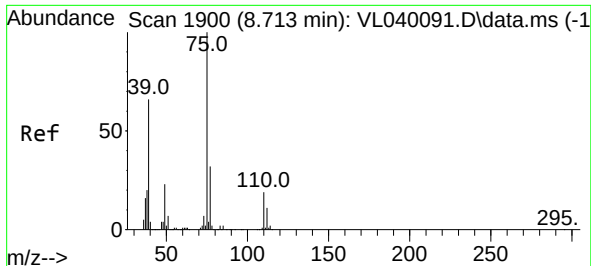
Tgt Ion: 69 Resp: 865035
Ion Ratio Lower Upper
69 100
41 148.0 118.2 177.2
100 30.2 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.131 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 57 Resp: 3562653
Ion Ratio Lower Upper
57 100
41 33.9 27.1 40.7
56 31.2 25.0 37.4

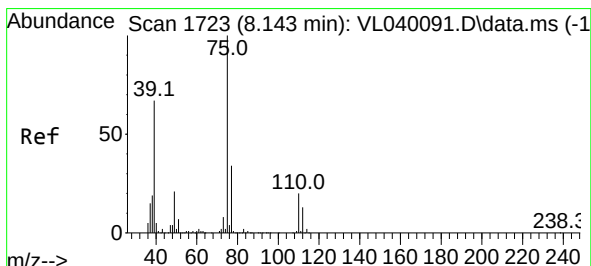
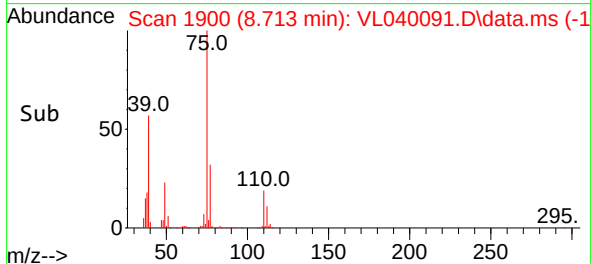
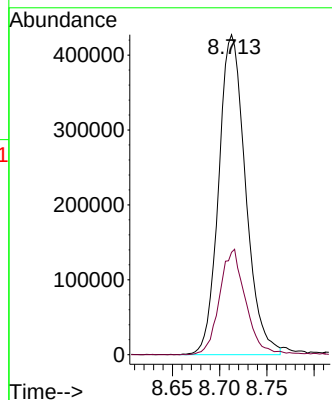
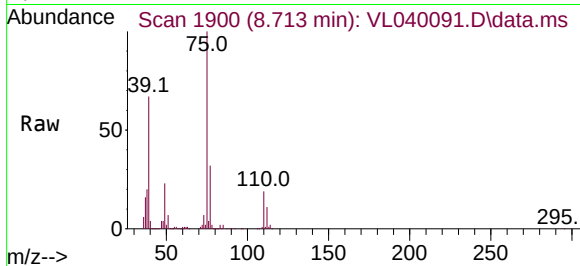




#45
t-1,3-Dichloropropene
Concen: 12.211 ppbv
RT: 8.713 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

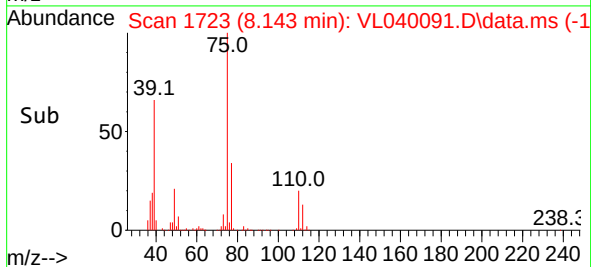
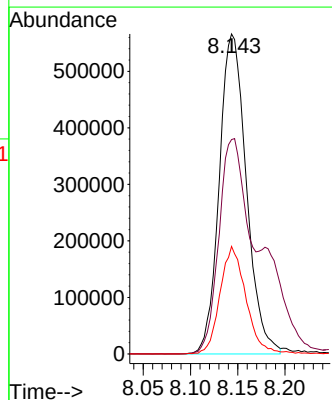
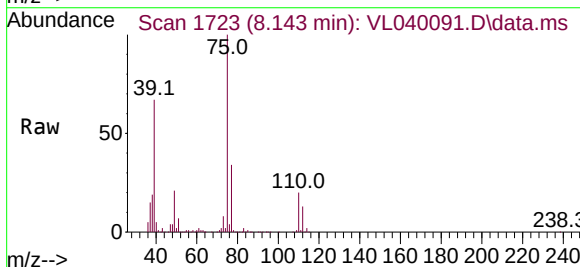
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

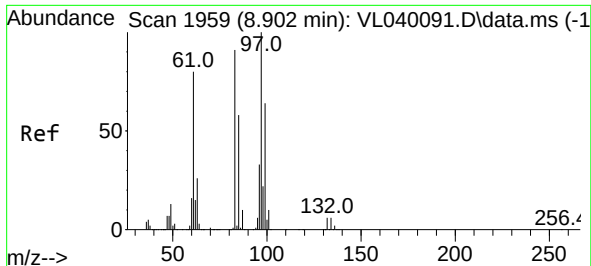
Tgt Ion: 75 Resp: 844909
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 11.952 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 75 Resp: 1130042
Ion Ratio Lower Upper
75 100
39 67.0 53.6 80.4
77 33.6 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.277 ppbv

RT: 8.902 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 894955

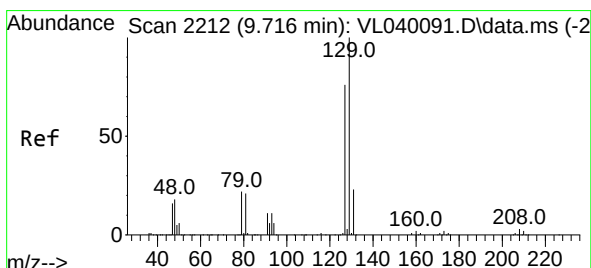
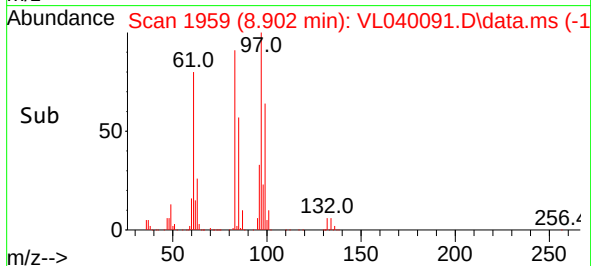
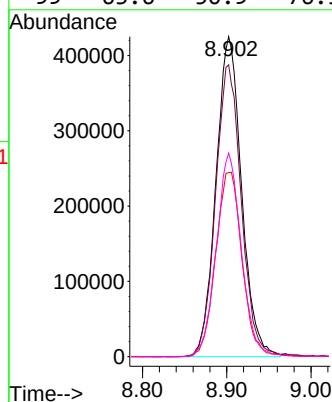
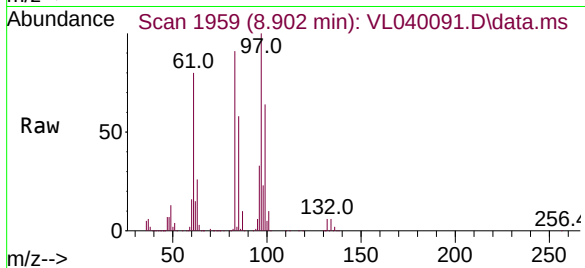
Ion Ratio Lower Upper

97 100

83 91.1 72.9 109.3

85 57.5 46.0 69.0

99 63.6 50.9 76.3



#48

Dibromochloromethane

Concen: 11.399 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VL040091.D

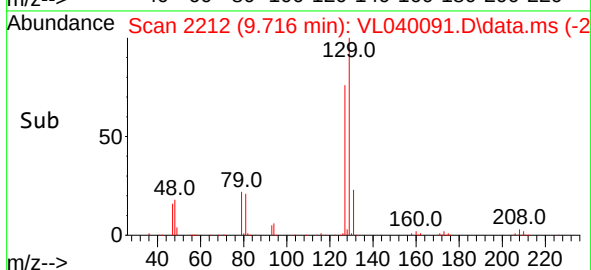
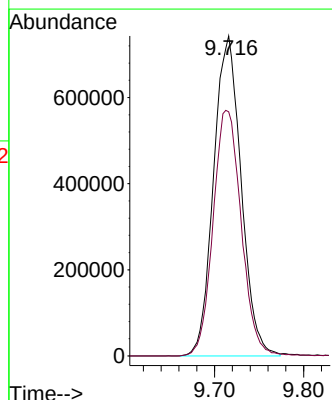
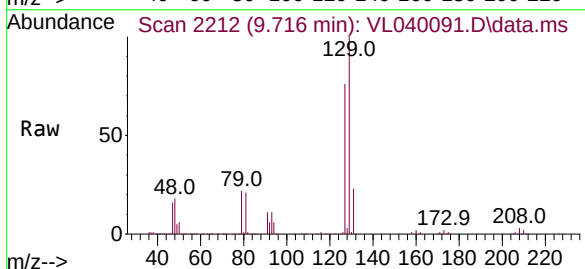
Acq: 16 Jan 2023 10:17

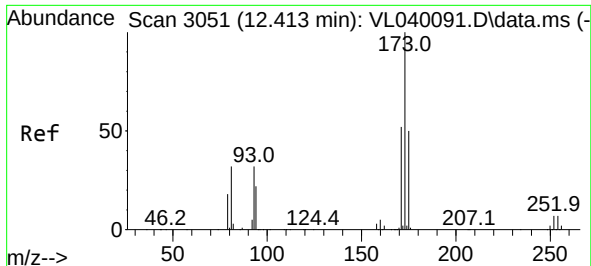
Tgt Ion: 129 Resp: 1595394

Ion Ratio Lower Upper

129 100

127 78.5 39.3 117.9

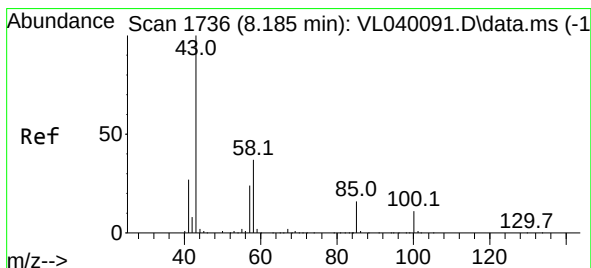
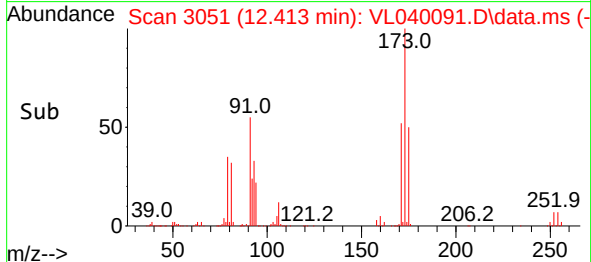
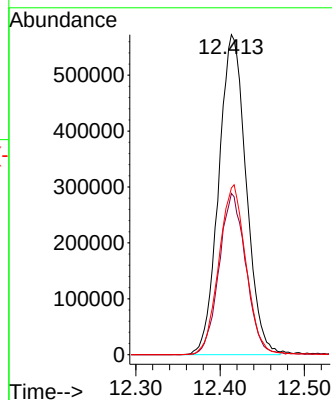
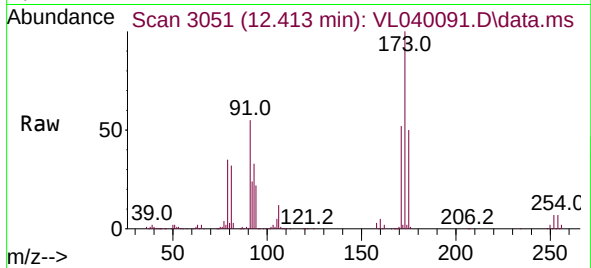




#49
Bromoform
Concen: 11.995 ppbv
RT: 12.413 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

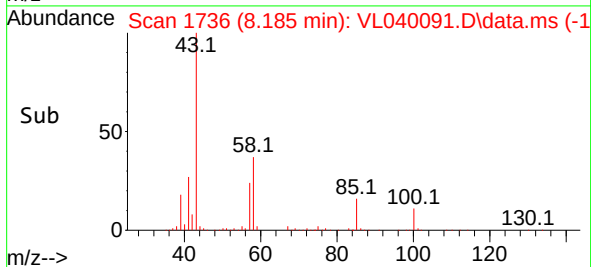
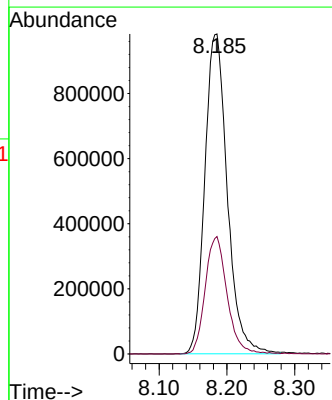
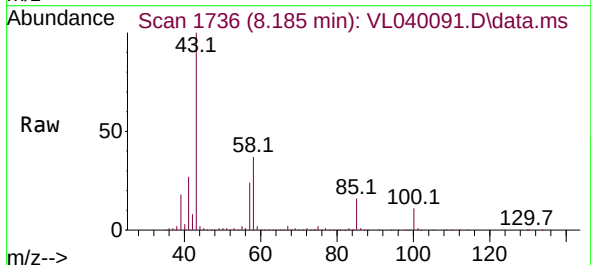
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

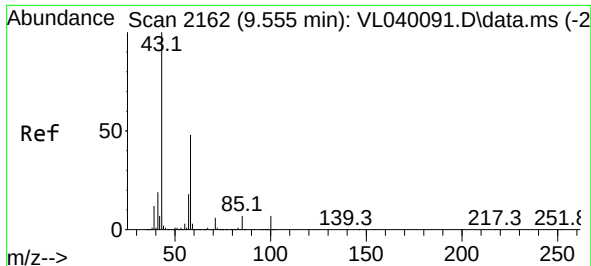
Tgt Ion:173 Resp: 1293213
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
171 52.8 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.621 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 43 Resp: 2258006
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2

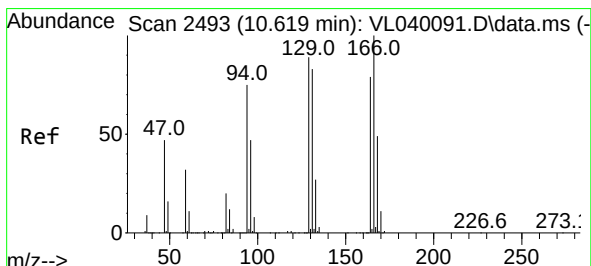
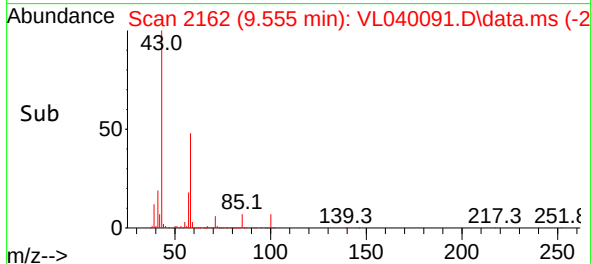
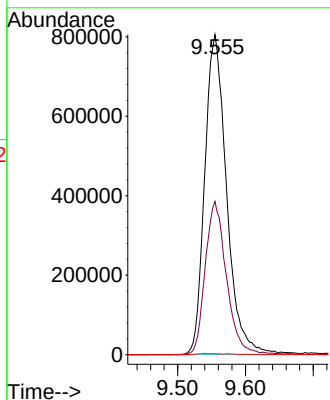
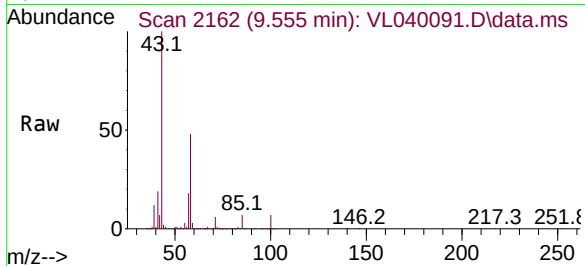




#51
2-Hexanone
Concen: 11.189 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

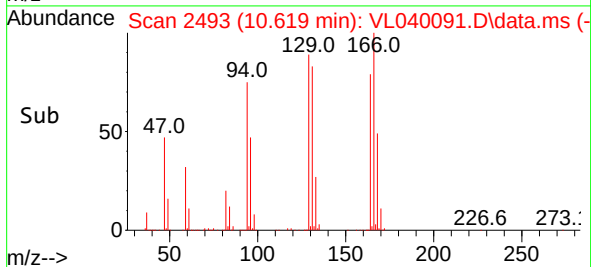
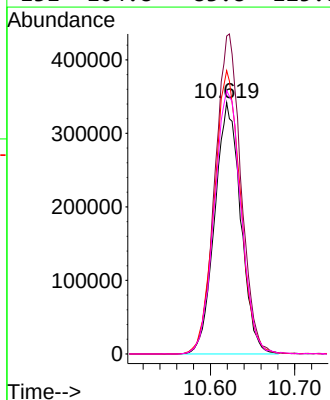
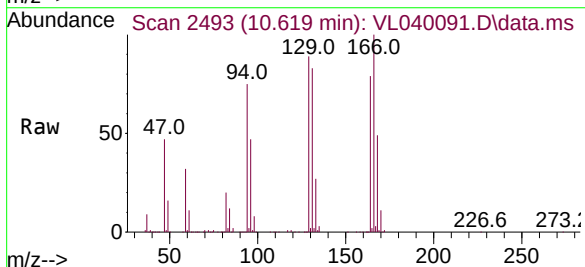
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

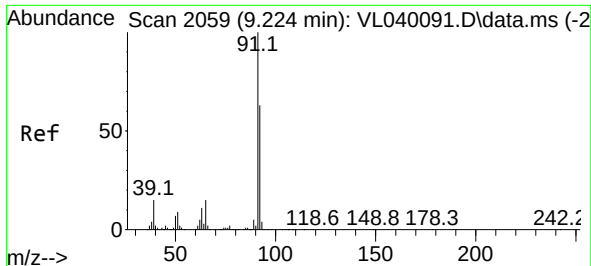
Tgt Ion: 43 Resp: 1802194
Ion Ratio Lower Upper
43 100
58 46.9 37.5 56.3
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 10.535 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 164 Resp: 728732
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 112.7 90.2 135.2
131 104.8 83.8 125.8

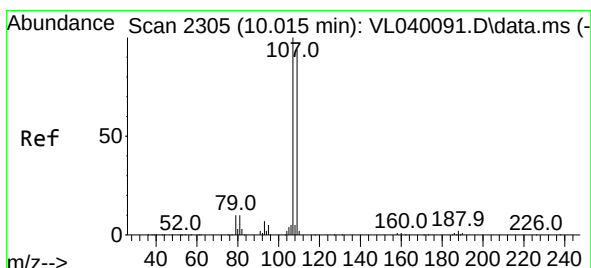
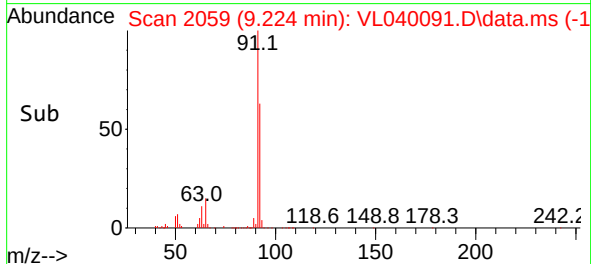
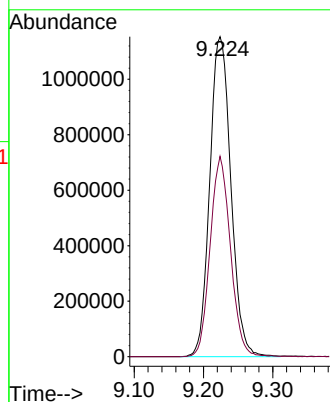
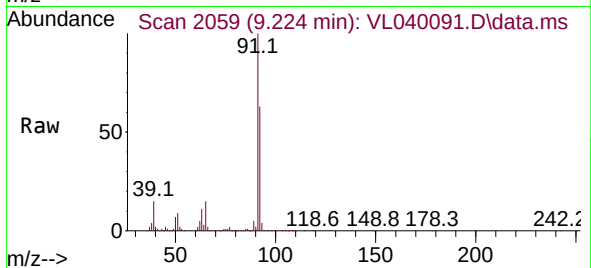




#53
Toluene
Concen: 10.823 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

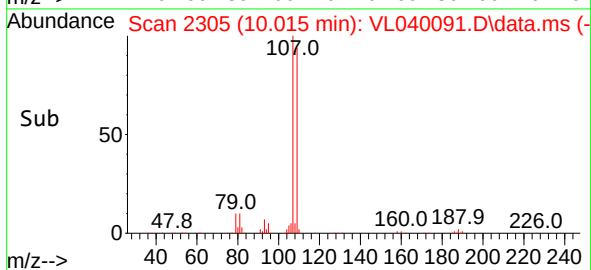
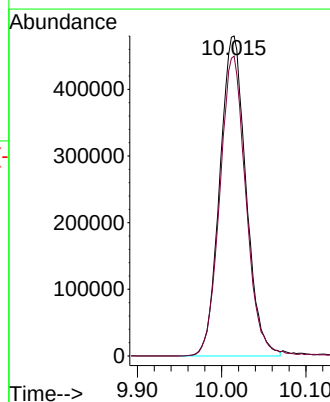
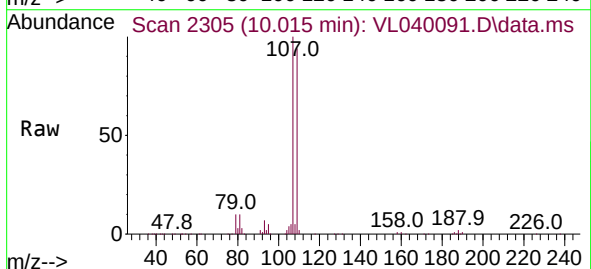
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

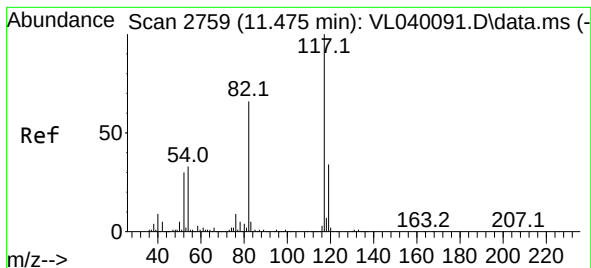
Tgt Ion: 91 Resp: 2440919
Ion Ratio Lower Upper
91 100
92 60.4 48.3 72.5



#54
1,2-Dibromoethane
Concen: 11.345 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 107 Resp: 1034309
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.4

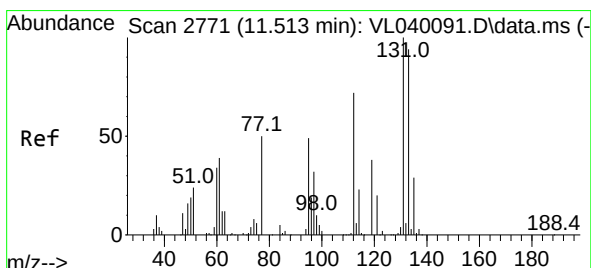
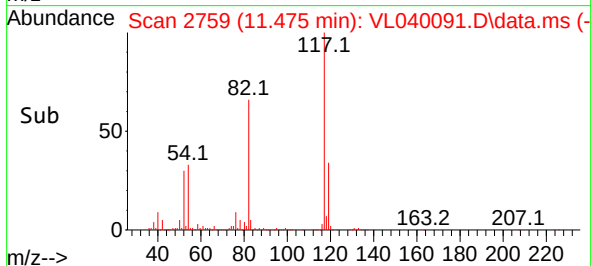
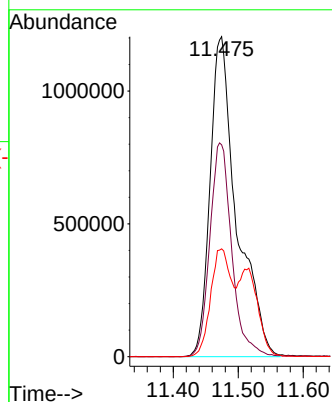
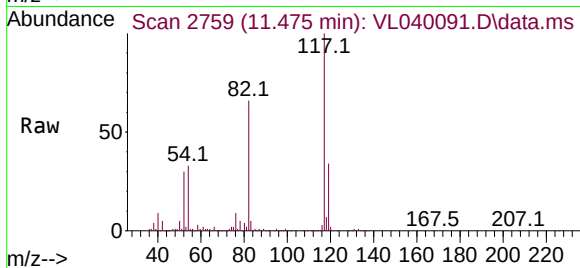




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

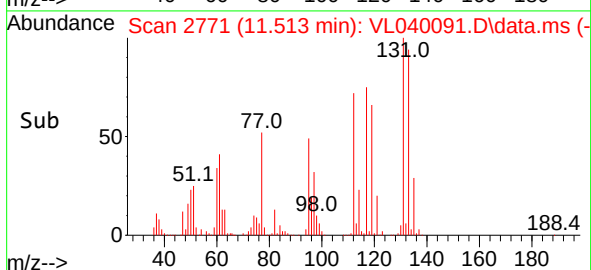
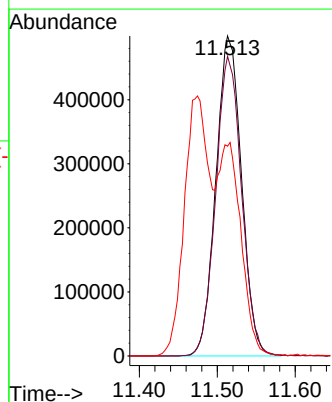
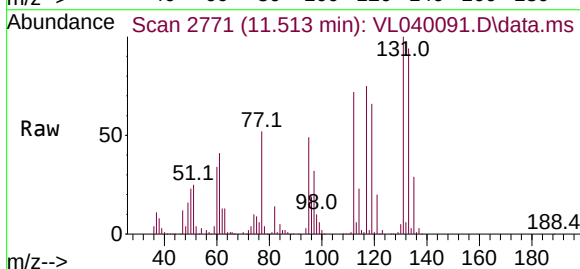
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

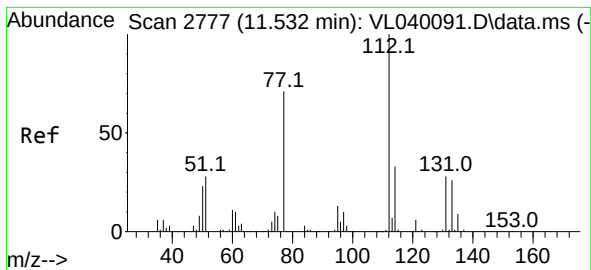
Tgt Ion:117 Resp: 3432454
Ion Ratio Lower Upper
117 100
82 55.4 54.4 81.6
119 25.8 26.8 40.2#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.542 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion:131 Resp: 1141134
Ion Ratio Lower Upper
131 100
133 94.6 75.6 113.4
119 63.4 47.2 70.8

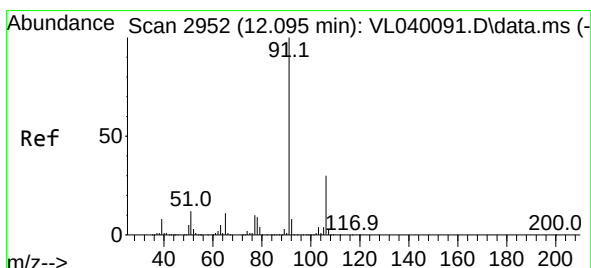
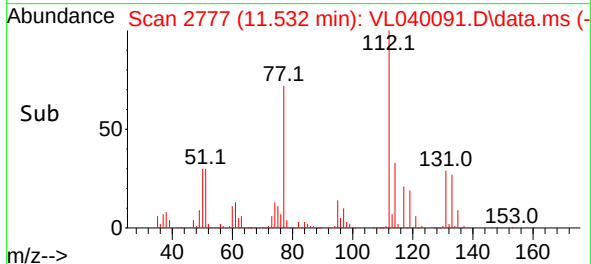
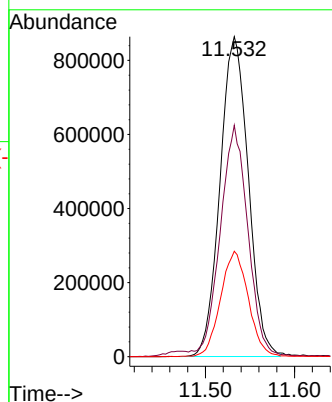
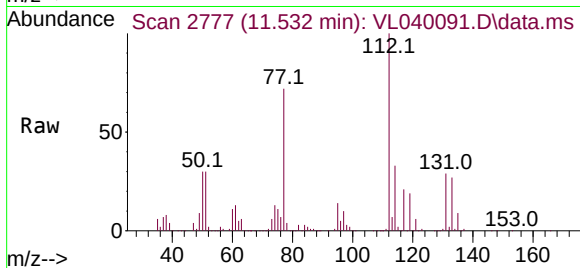




#57
Chlorobenzene
Concen: 8.126 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

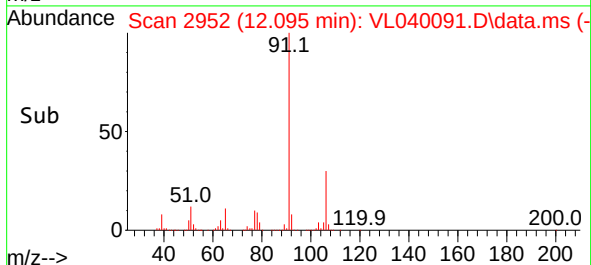
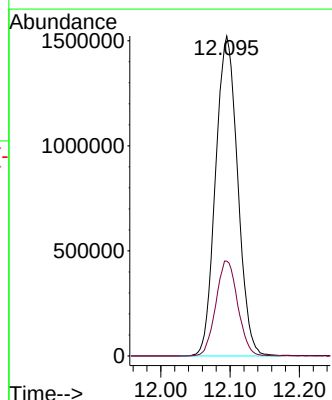
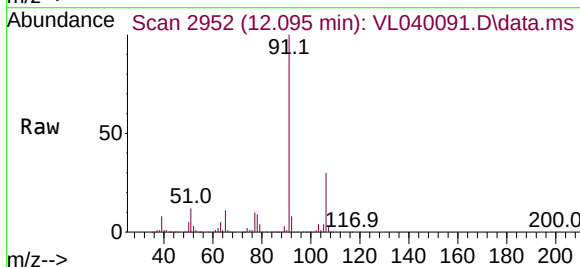
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

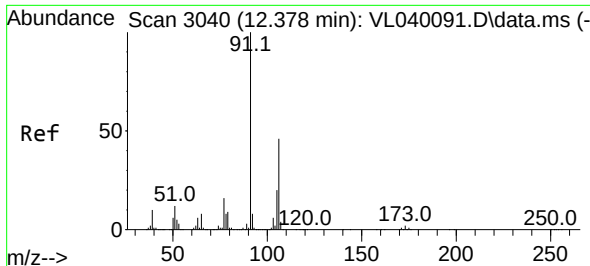
Tgt Ion:112 Resp: 1901324
Ion Ratio Lower Upper
112 100
77 71.6 57.3 85.9
114 32.9 29.6 36.2



#58
Ethyl Benzene
Concen: 8.823 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 91 Resp: 3379737
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5





#59

m/p-Xylene

Concen: 9.900 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_1

ClientSampleId :

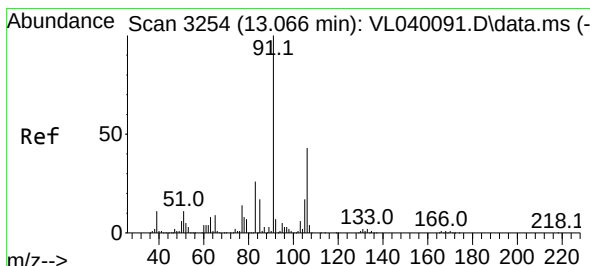
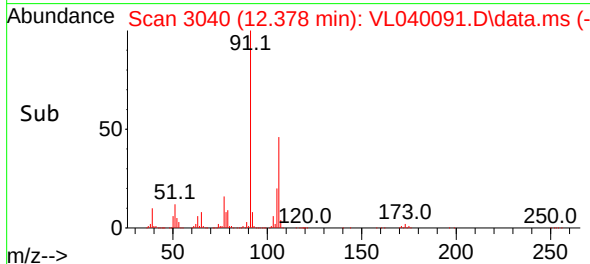
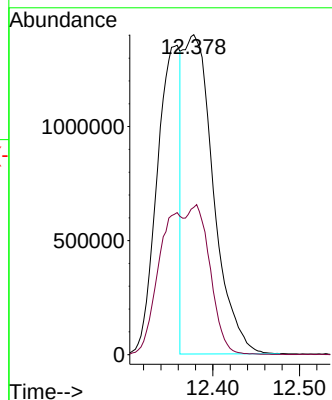
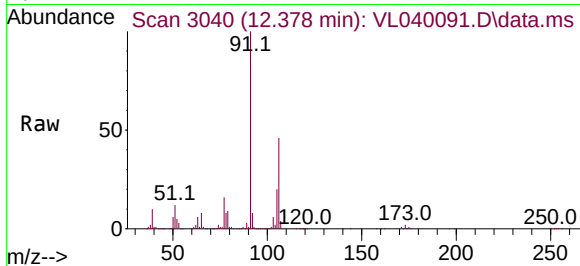
VSTDICCC010

Tgt Ion: 91 Resp: 3409793

Ion Ratio Lower Upper

91 100

106 74.3 34.2 51.4#



#60

o-Xylene

Concen: 8.714 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL040091.D

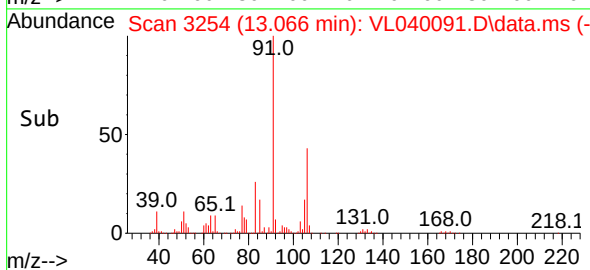
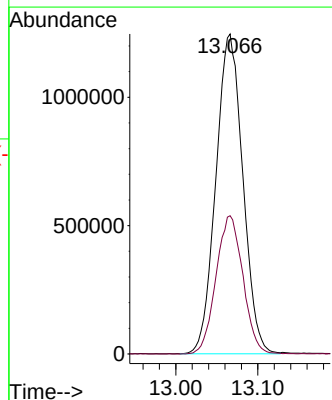
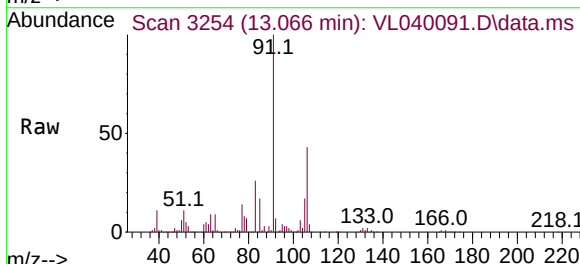
Acq: 16 Jan 2023 10:17

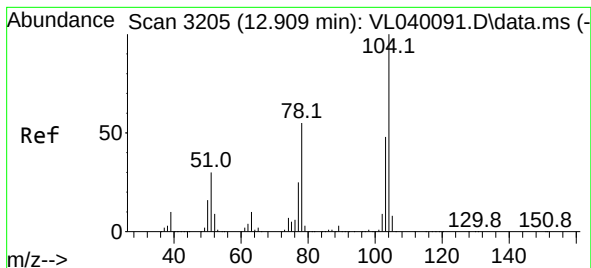
Tgt Ion: 91 Resp: 2848607

Ion Ratio Lower Upper

91 100

106 43.2 21.6 64.8





#61

Styrene

Concen: 9.554 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

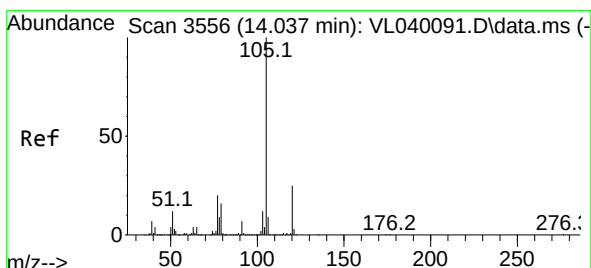
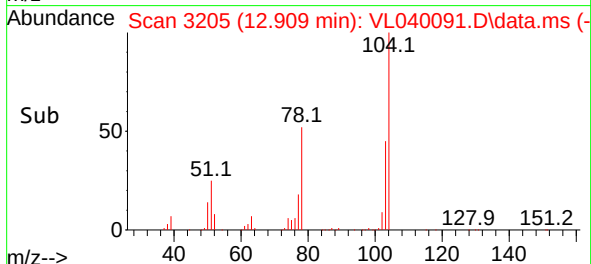
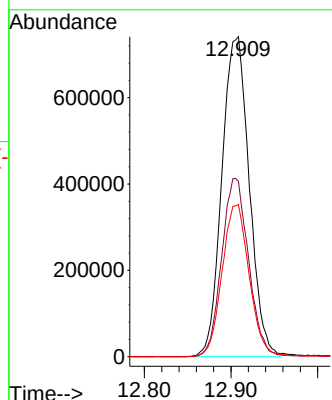
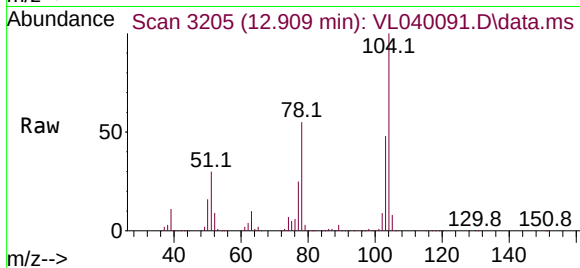
Tgt Ion:104 Resp: 1627593

Ion Ratio Lower Upper

104 100

78 54.9 44.0 66.0

103 47.3 37.8 56.6



#62

Isopropylbenzene

Concen: 8.456 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL040091.D

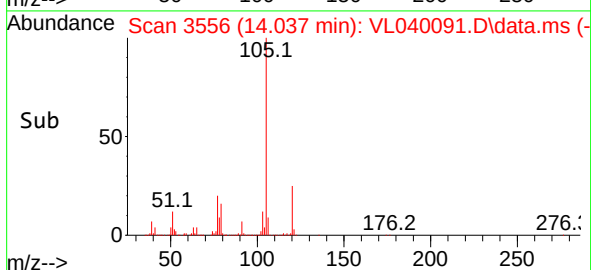
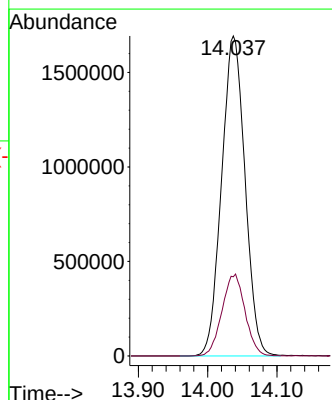
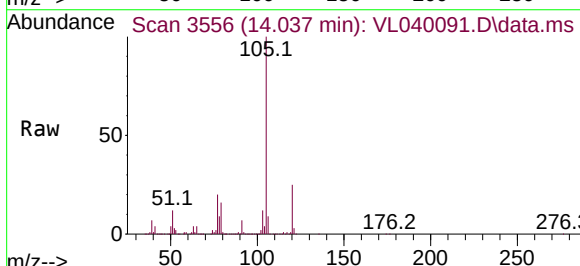
Acq: 16 Jan 2023 10:17

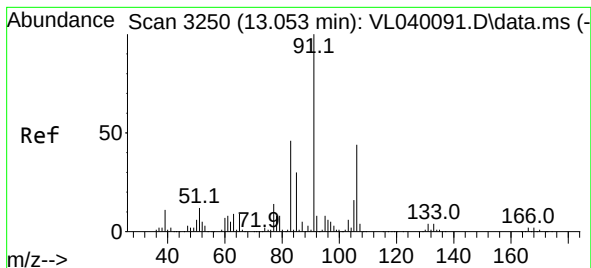
Tgt Ion:105 Resp: 3976139

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.2

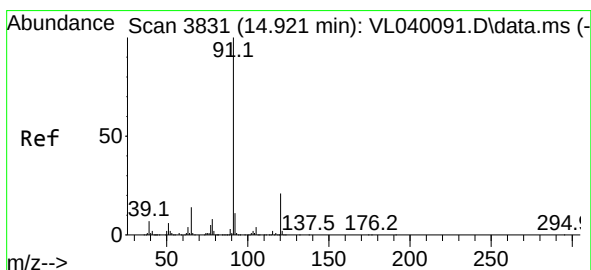
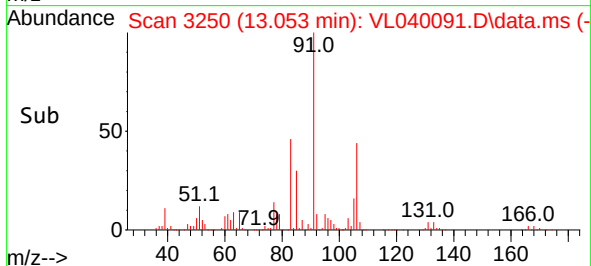
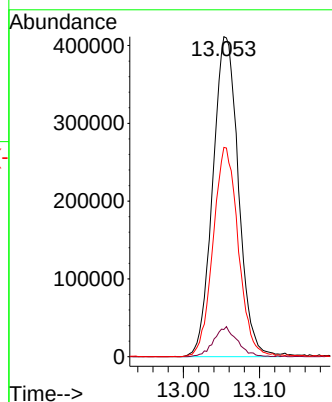
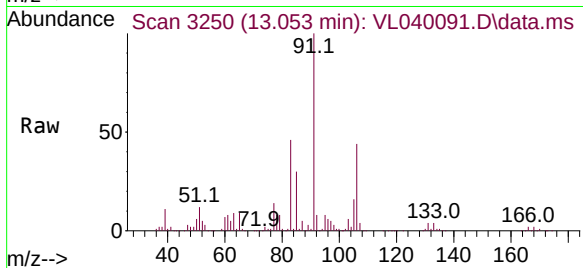




#63
1,1,2,2-Tetrachloroethane
Concen: 8.125 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

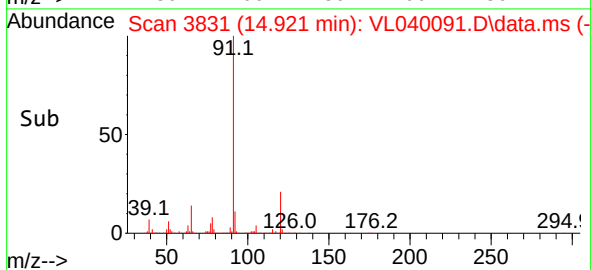
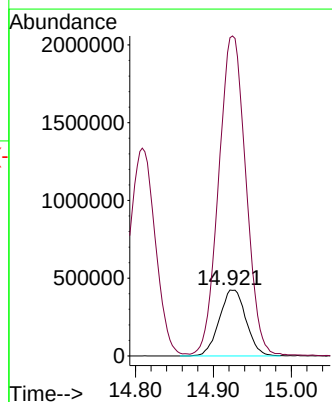
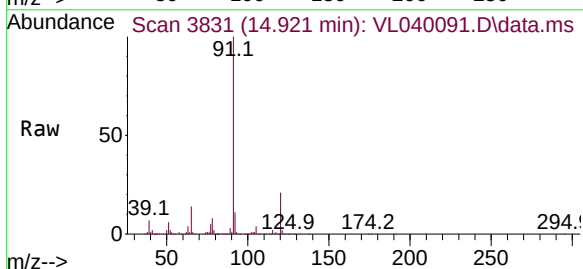
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

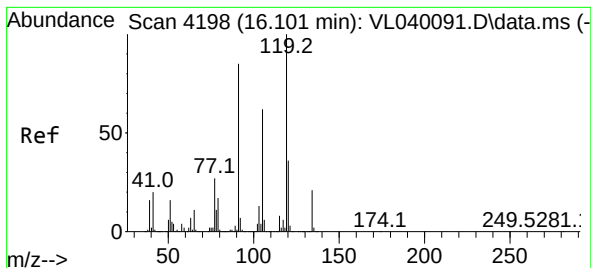
Tgt Ion: 83 Resp: 964447
Ion Ratio Lower Upper
83 100
131 8.7 4.3 13.1
85 65.0 32.5 97.5



#64
n-propylbenzene
Concen: 8.661 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 120 Resp: 1012383
Ion Ratio Lower Upper
120 100
91 496.2 397.0 595.4

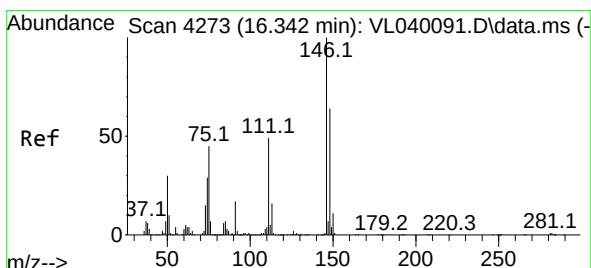
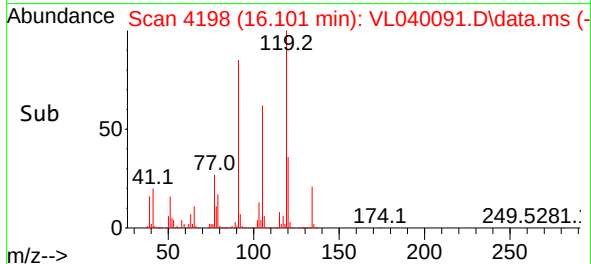
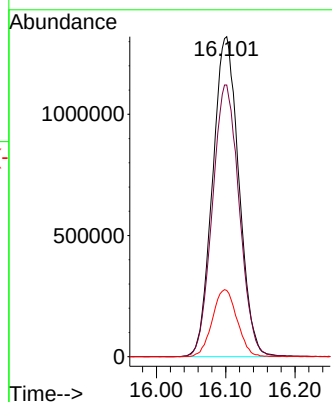
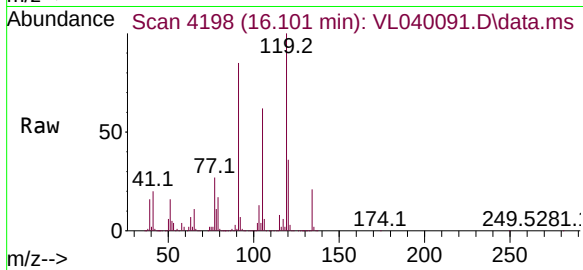




#65
tert-Butylbenzene
Concen: 8.646 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

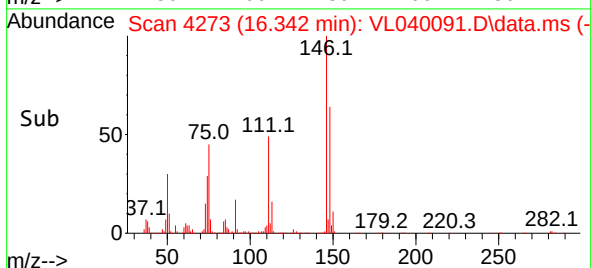
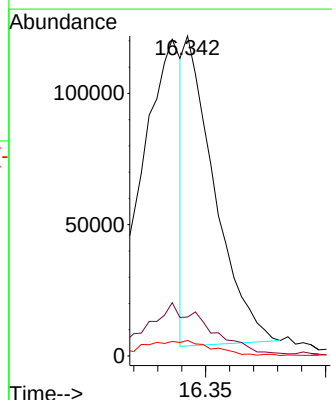
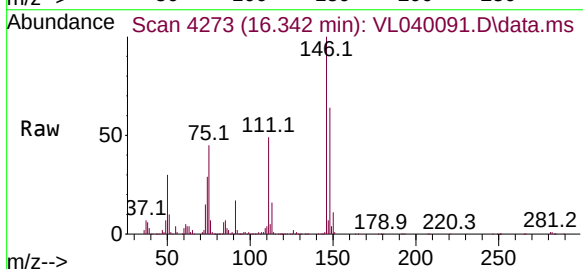
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

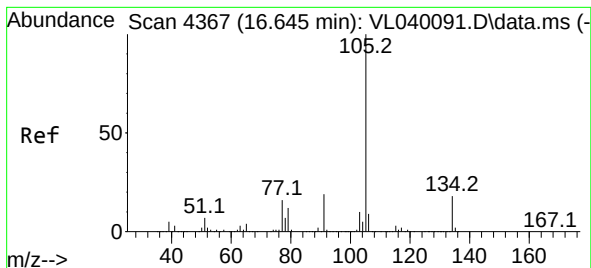
Tgt Ion:119 Resp: 3480692
Ion Ratio Lower Upper
119 100
91 86.9 69.5 104.3
134 19.8 15.8 23.8



#66
Benzyl Chloride
Concen: 3.725 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 91 Resp: 102493
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 12.3 0.0 0.0#

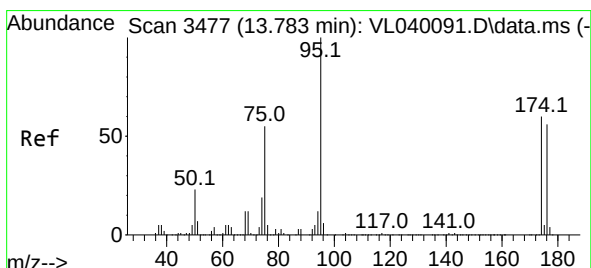
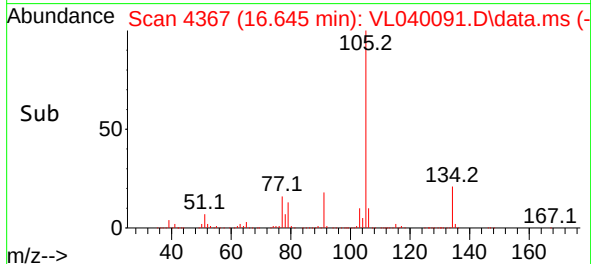
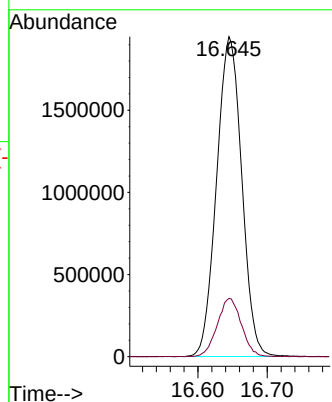
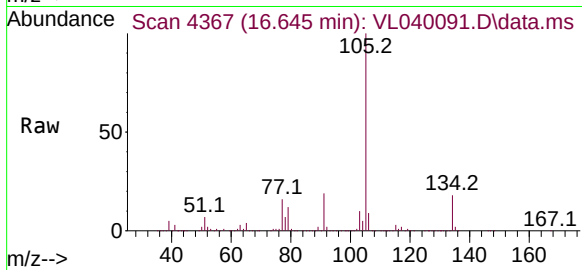




#67
 sec-Butylbenzene
 Concen: 8.602 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

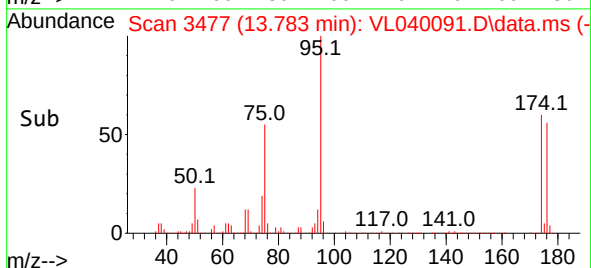
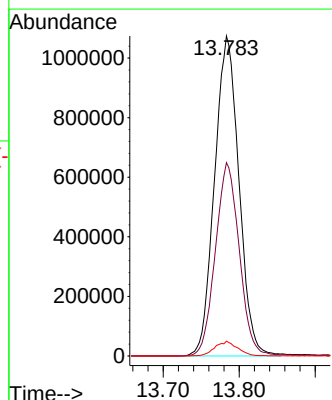
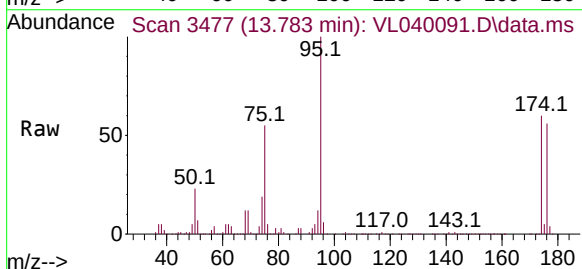
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

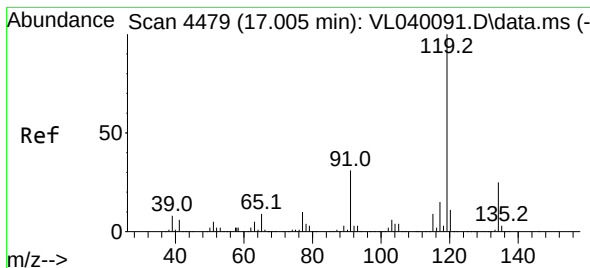
Tgt Ion:105 Resp: 4909141
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.384 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040091.D
 Acq: 16 Jan 2023 10:17

Tgt Ion: 95 Resp: 2391754
 Ion Ratio Lower Upper
 95 100
 174 59.5 47.7 71.5
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 8.846 ppbv

RT: 17.005 min Scan# 4479

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

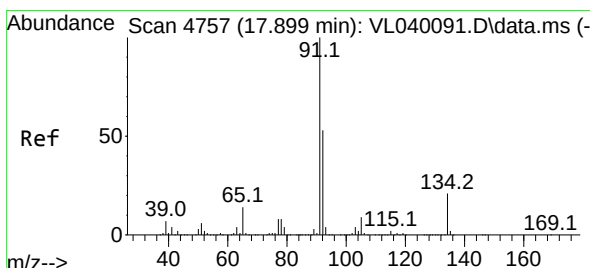
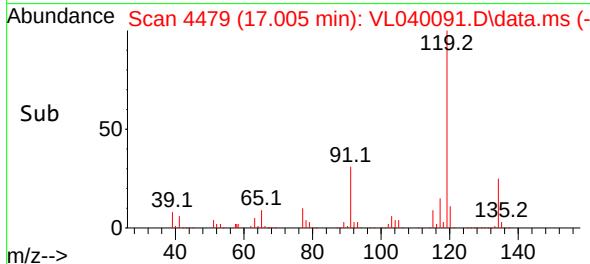
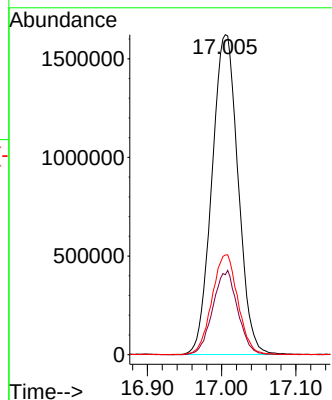
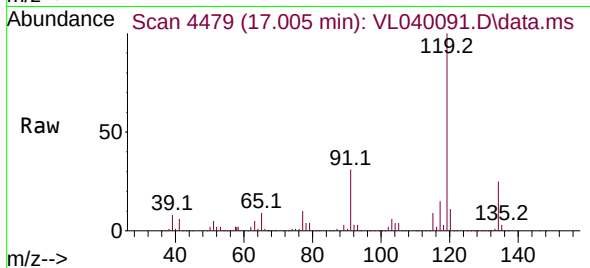
Tgt Ion:119 Resp: 3967265

Ion Ratio Lower Upper

119 100

134 25.1 20.1 30.1

91 31.2 25.0 37.4



#70

n-Butylbenzene

Concen: 8.789 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

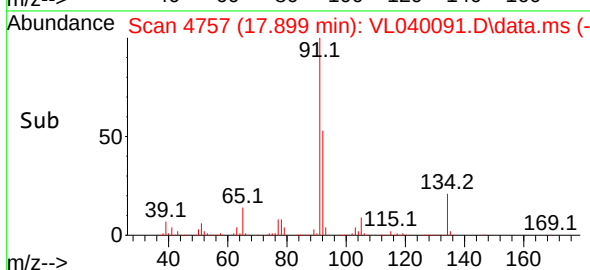
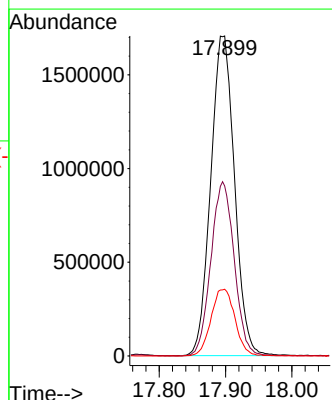
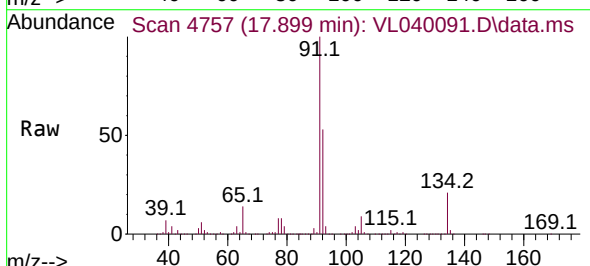
Tgt Ion: 91 Resp: 4251027

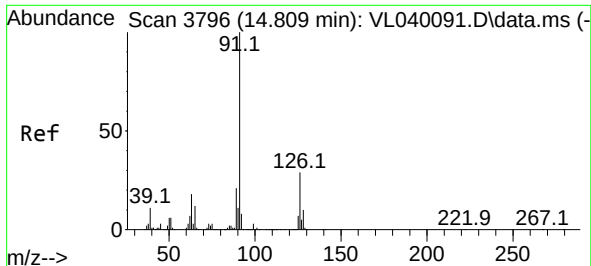
Ion Ratio Lower Upper

91 100

92 53.3 42.8 64.2

134 21.1 16.9 25.3

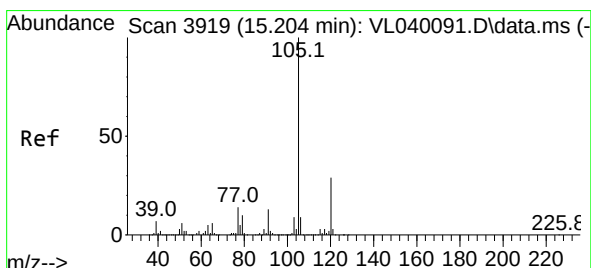
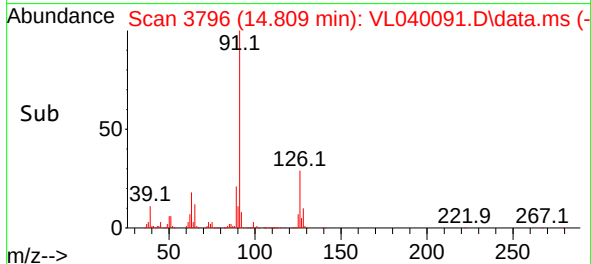
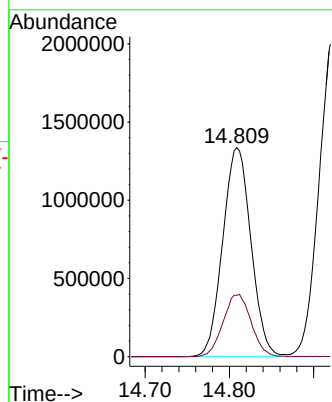
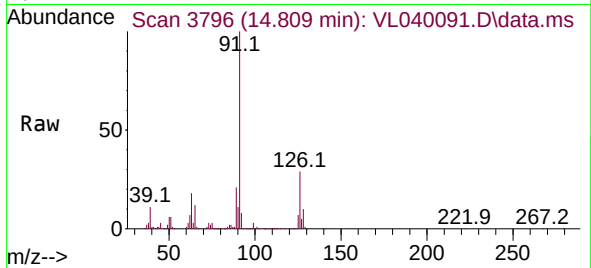




#71
2-Chlorotoluene
Concen: 8.584 ppbv
RT: 14.809 min Scan# 3796
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

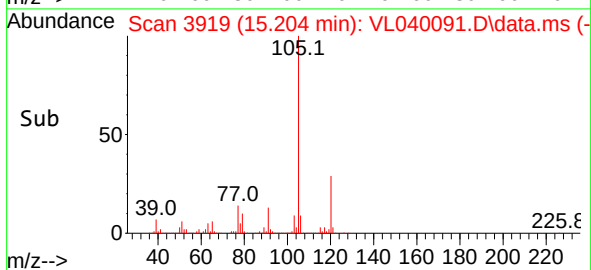
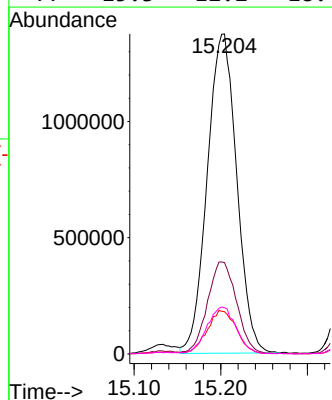
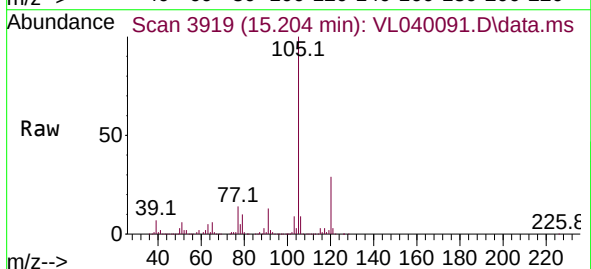
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

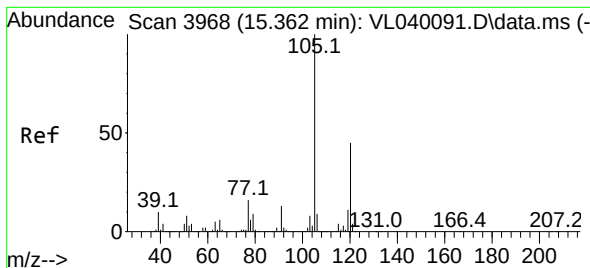
Tgt Ion: 91 Resp: 3104196
Ion Ratio Lower Upper
91 100
126 29.7 11.9 47.5



#72
4-Ethyltoluene
Concen: 8.947 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion: 105 Resp: 3245461
Ion Ratio Lower Upper
105 100
120 28.8 23.1 34.7
91 14.5 11.2 16.8
77 15.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 8.787 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_1

ClientSampleId :

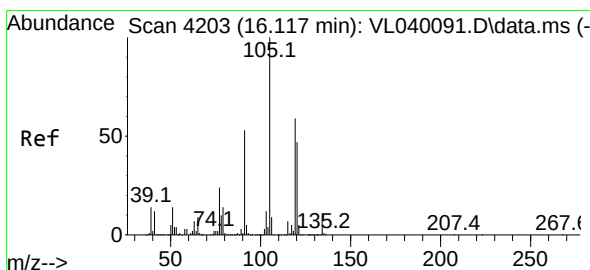
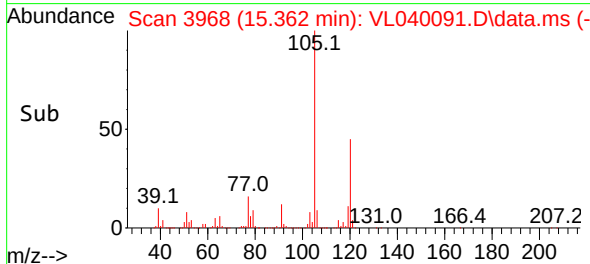
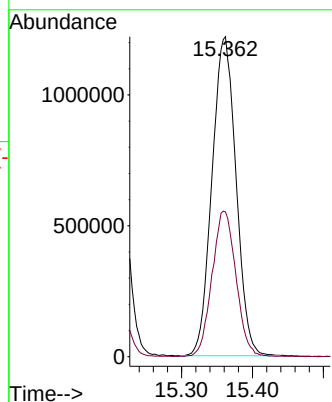
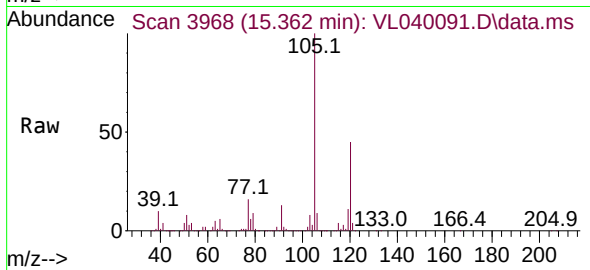
VSTDICCC010

Tgt Ion:105 Resp: 2870200

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4



#74

1,2,4-Trimethylbenzene

Concen: 8.631 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Tgt Ion:105 Resp: 3122664

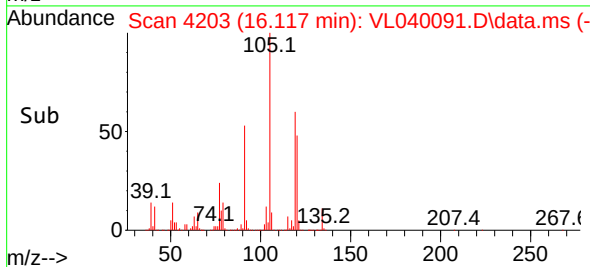
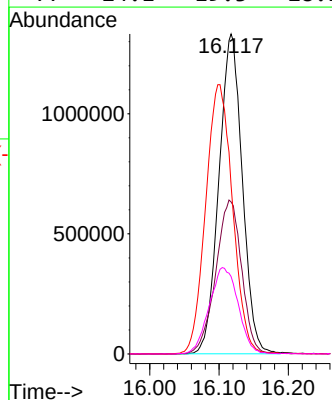
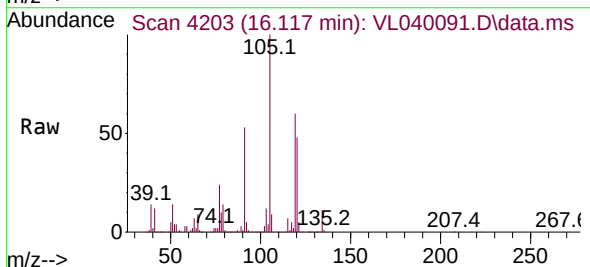
Ion Ratio Lower Upper

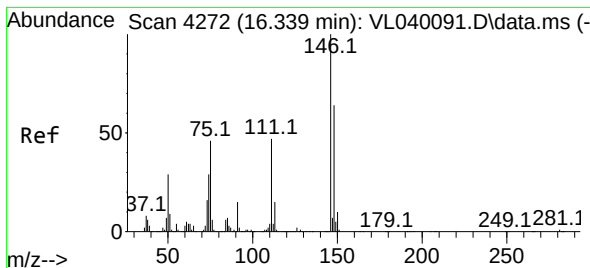
105 100

120 47.5 38.0 57.0

91 52.6 42.1 63.1

77 24.1 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 8.561 ppbv

RT: 16.339 min Scan# 4272

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

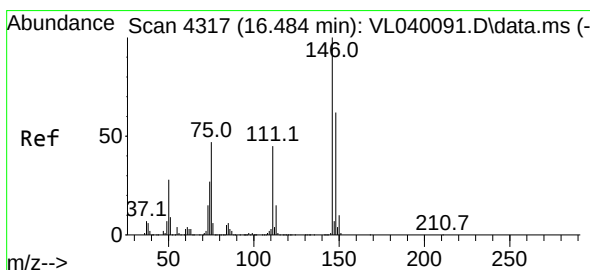
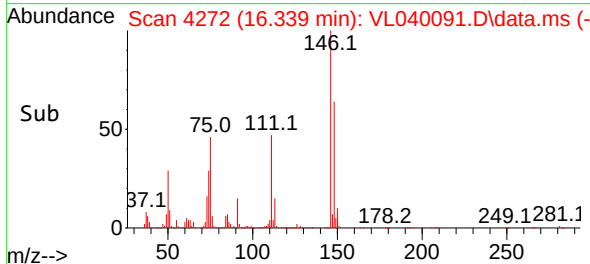
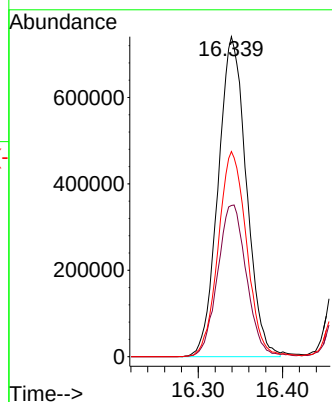
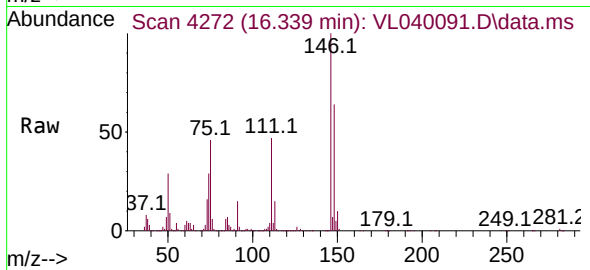
Tgt Ion:146 Resp: 1720254

Ion Ratio Lower Upper

146 100

111 48.7 24.3 73.0

148 64.5 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.514 ppbv

RT: 16.484 min Scan# 4317

Delta R.T. 0.000 min

Lab File: VL040091.D

Acq: 16 Jan 2023 10:17

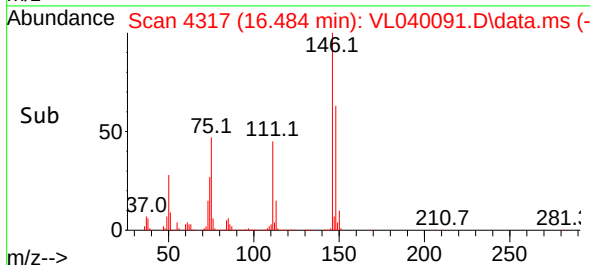
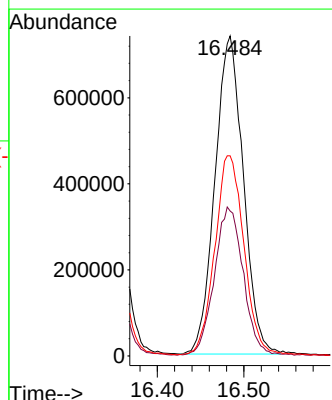
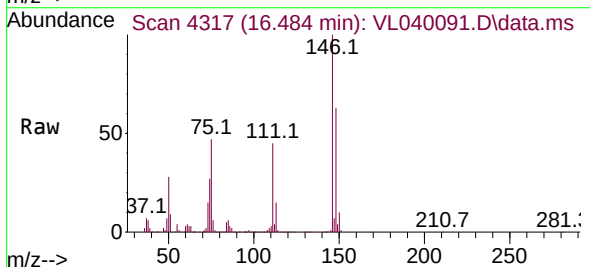
Tgt Ion:146 Resp: 1682199

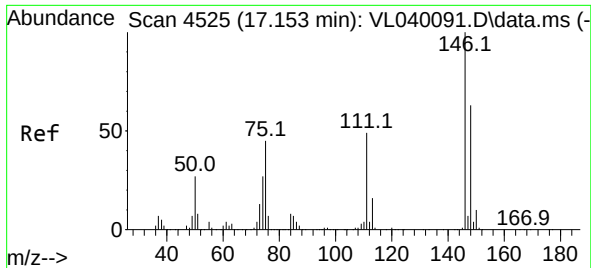
Ion Ratio Lower Upper

146 100

111 47.5 23.8 71.2

148 65.6 32.8 98.4

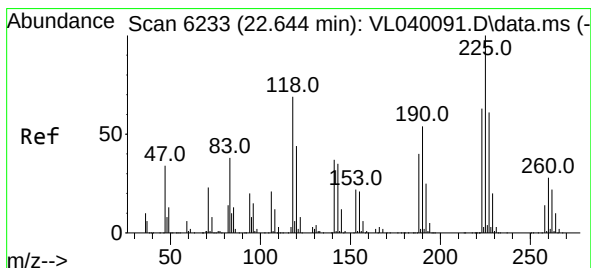
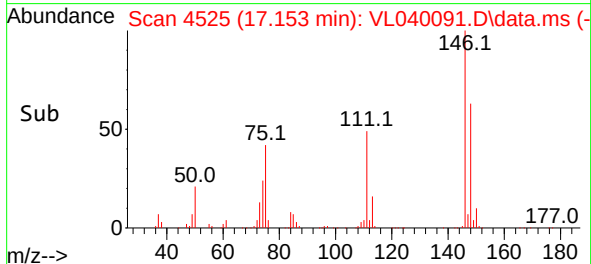
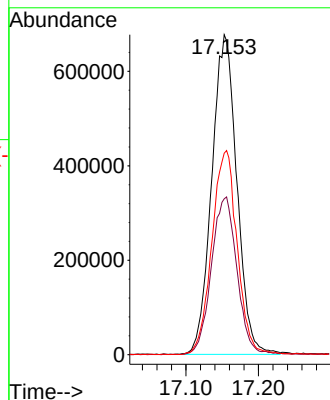
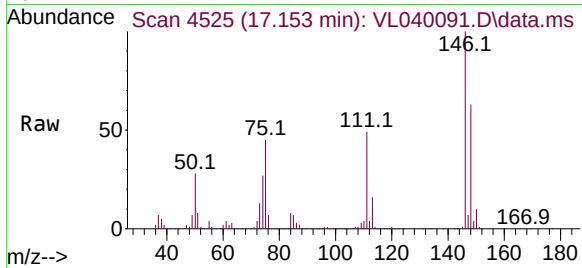




#77
1,2-Dichlorobenzene
Concen: 8.476 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

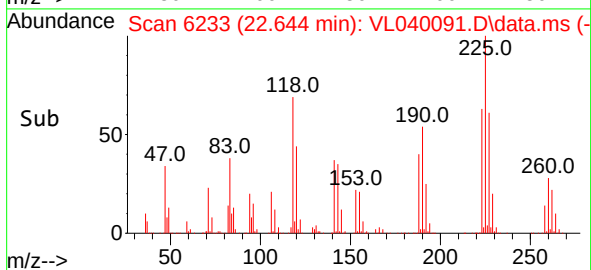
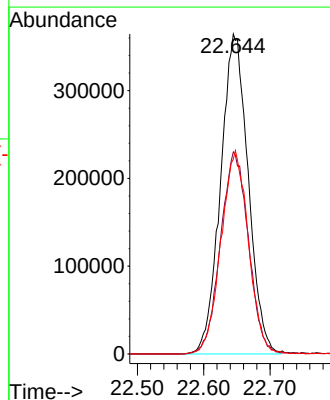
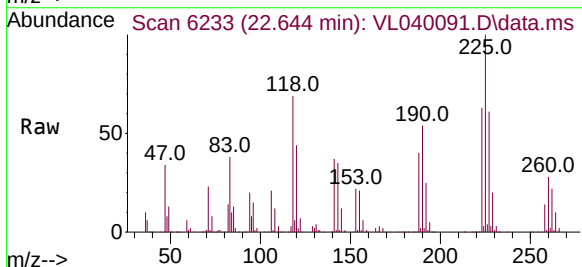
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

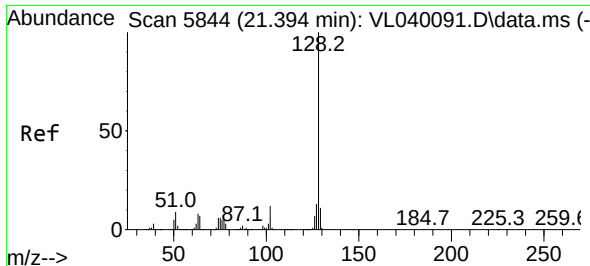
Tgt Ion:146 Resp: 1628780
Ion Ratio Lower Upper
146 100
111 50.6 25.1 75.2
148 64.4 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 7.472 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion:225 Resp: 1051673
Ion Ratio Lower Upper
225 100
223 64.4 51.5 77.3
227 63.3 50.6 76.0

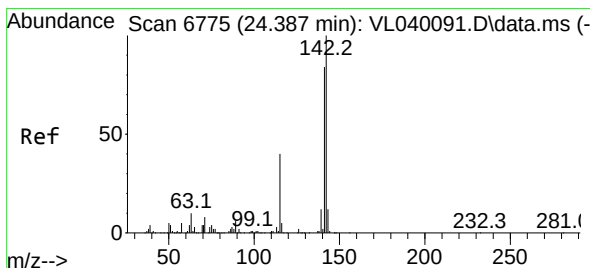
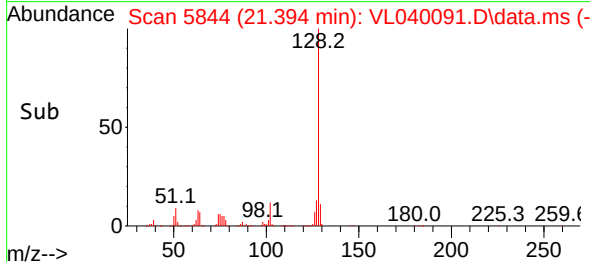
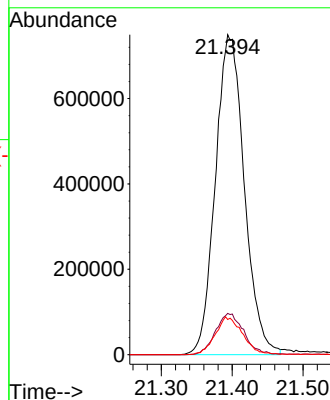
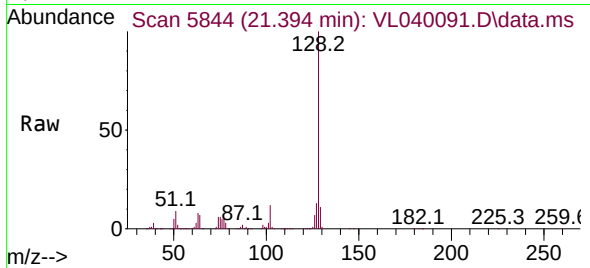




#79
Naphthalene
Concen: 10.246 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

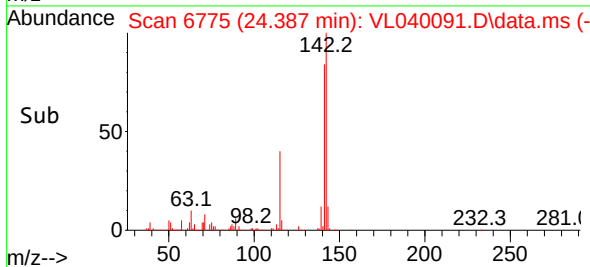
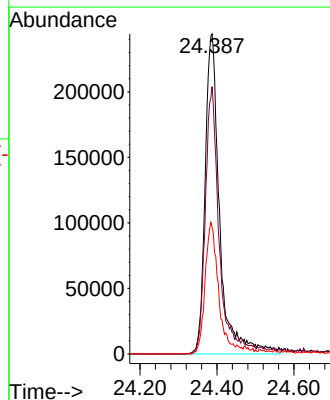
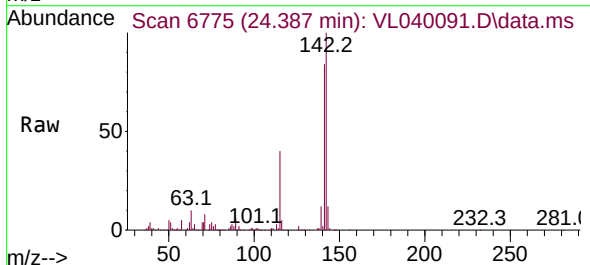
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

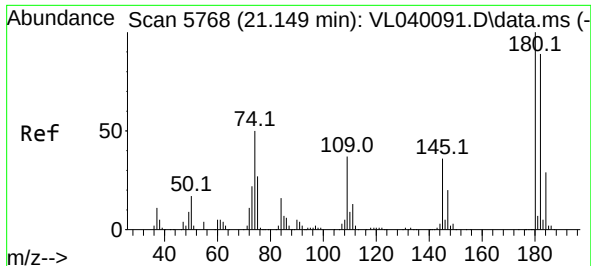
Tgt Ion:128 Resp: 2123672
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 9.170 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL040091.D
Acq: 16 Jan 2023 10:17

Tgt Ion:142 Resp: 640414
Ion Ratio Lower Upper
142 100
141 81.3 65.0 97.6
115 39.8 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 8.709 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040091.D

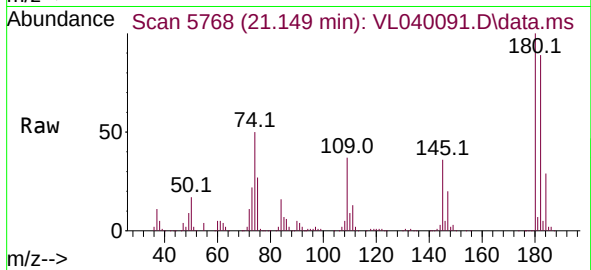
Acq: 16 Jan 2023 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1112608

Ion Ratio Lower Upper

180 100

182 98.0 78.6 117.8

184 31.5 25.1 37.7

