

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040354.D
 Acq On : 13 Apr 2023 10:04
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 14 05:47:09 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	5.189	49	1089998	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2702241	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2718620	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2208999	9.826	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	1669089	8.493	ppbv	100
3) Chlorodifluoromethane	2.661	51	1251818	8.789	ppbv	100
4) Chloromethane	2.800	50	803858	8.934	ppbv	100
5) Vinyl Chloride	2.909	62	668858	9.006	ppbv	100
6) Bromomethane	3.108	94	223954	9.152	ppbv	100
7) Chloroethane	3.185	64	257808	9.167	ppbv	100
8) Dichlorotetrafluoroethane	2.845	85	1740411	9.062	ppbv	100
9) Propene	2.681	41	499037	8.869	ppbv	100
10) Heptane	7.581	43	1279380	10.005	ppbv	100
11) Trichlorofluoromethane	3.552	101	1784958	8.972	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1267262	9.107	ppbv	100
13) Ethanol	3.230	45	15615	3.324	ppbv #	37
14) Bromoethene	3.356	108	532681	9.362	ppbv	100
15) Acetone	3.455	43	1218771	7.894	ppbv	100
16) 1,3-Butadiene	2.973	39	596927	9.343	ppbv	100
17) tert-Butyl alcohol	3.867	59	1318339	9.299	ppbv	100
18) 1,1-Dichloroethene	3.870	96	573386	9.137	ppbv	100
19) Isopropyl Alcohol	3.565	45	648285	9.203	ppbv	100
20) Methylene Chloride	3.925	84	501774	8.141	ppbv	100
21) Allyl Chloride	3.986	41	817625	9.321	ppbv	100
22) trans-1,2-Dichloroethene	4.439	96	578825	9.226	ppbv	100
23) Vinyl Acetate	4.619	43	344730	8.770	ppbv	100
24) 1,1-Dichloroethane	4.558	63	1210642	9.255	ppbv	100
25) Ethyl Acetate	5.201	43	2402434	9.248	ppbv	100
26) Hexane	5.208	57	1011928	9.240	ppbv	100
27) Carbon Disulfide	4.118	76	1461223	10.310	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	1052189	9.307	ppbv	100
29) Chloroform	5.272	83	1772040	9.083	ppbv	100
30) Cyclohexane	6.600	84	858819	10.125	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	1056367	9.732	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1790885	9.448	ppbv	100
34) 2-Butanone	4.780	43	1355393	9.302	ppbv	100
35) Carbon Tetrachloride	6.494	117	1849024	9.720	ppbv	100
36) Benzene	6.372	78	2130181	9.662	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1392790	9.617	ppbv	100
38) Trichloroethene	7.295	130	1325616	10.565	ppbv	100
39) 1,2-Dichloropropane	7.076	63	834175	9.616	ppbv	100
40) 1,4-Dioxane	7.291	88	312152	9.395	ppbv #	100
41) Tetrahydrofuran	5.555	42	780196	9.777	ppbv	100
42) Bromodichloromethane	7.253	83	1960776	9.915	ppbv	100
43) Methyl Methacrylate	7.475	69	867022	10.588	ppbv	100
44) 2,2,4-Trimethylpentane	7.330	57	3546635	9.631	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	836009	11.429	ppbv	100

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 ClientSampleId :
 VSTDICCC010

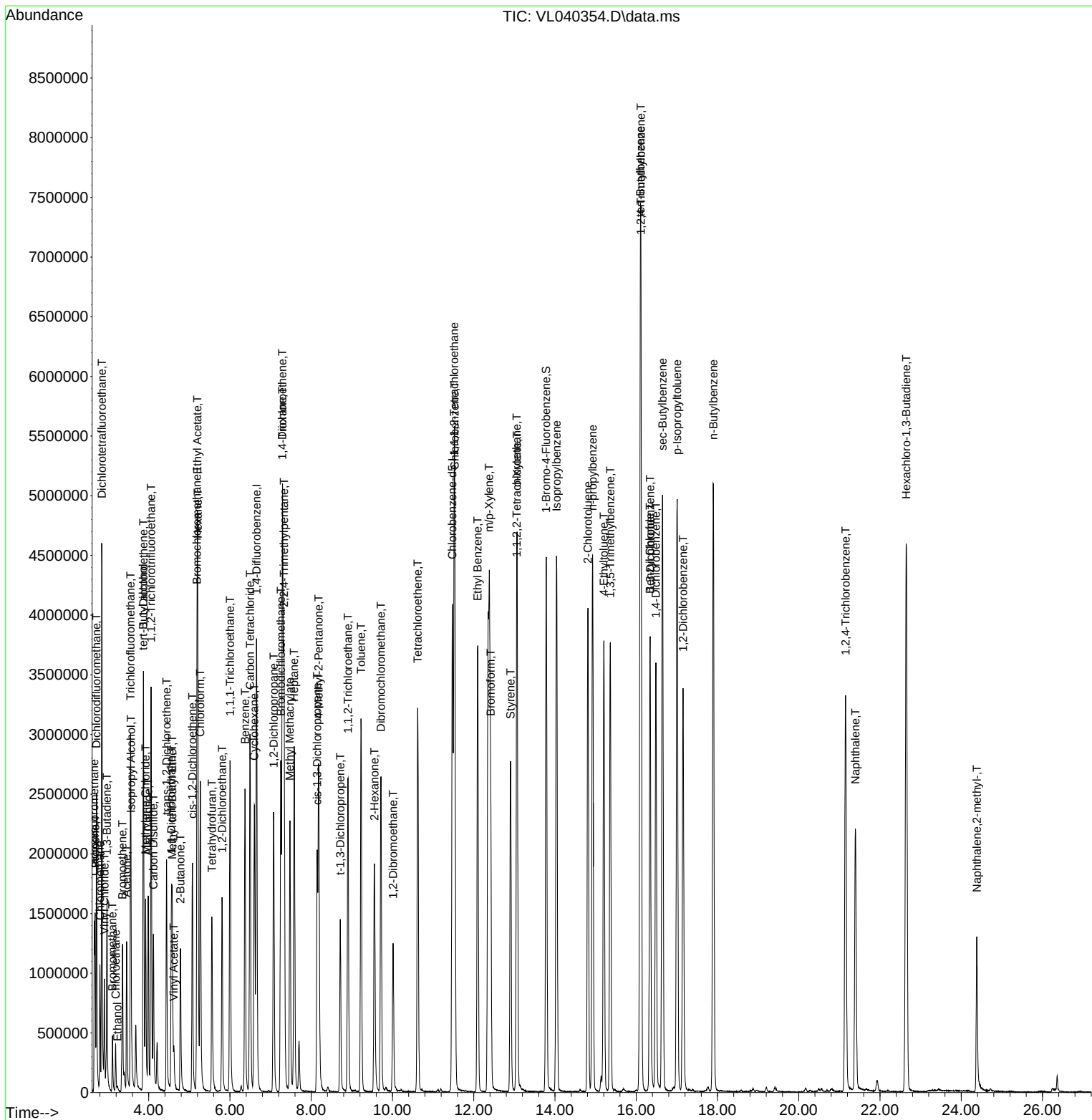
Quant Time: Apr 14 05:47:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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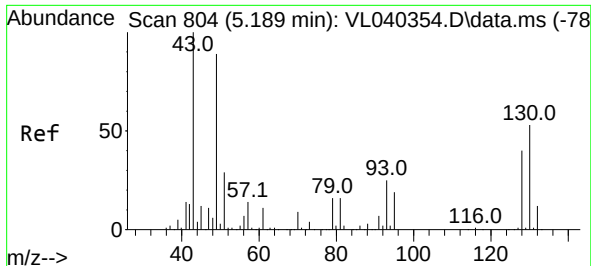
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1143204	11.229	ppbv	100
47) 1,1,2-Trichloroethane	8.905	97	920771	9.681	ppbv	100
48) Dibromochloromethane	9.716	129	1590187	10.381	ppbv	100
49) Bromoform	12.417	173	1278538	10.701	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	2220839	10.052	ppbv	100
51) 2-Hexanone	9.558	43	1723241	10.555	ppbv	100
52) Tetrachloroethene	10.622	164	725349	10.518	ppbv	100
53) Toluene	9.227	91	2458472	10.518	ppbv	100
54) 1,2-Dibromoethane	10.015	107	1018313	10.560	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1148850	9.258	ppbv	96
57) Chlorobenzene	11.536	112	1937665	9.103	ppbv	100
58) Ethyl Benzene	12.098	91	3415573	10.213	ppbv	100
59) m/p-Xylene	12.381	91	3422773	11.129	ppbv #	50
60) o-Xylene	13.066	91	2883505	9.769	ppbv	100
61) Styrene	12.905	104	1645032	11.126	ppbv	100
62) Isopropylbenzene	14.040	105	4054599	9.539	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	904100	8.370	ppbv	100
64) n-propylbenzene	14.928	120	1024022	9.791	ppbv	100
65) tert-Butylbenzene	16.101	119	3538630	9.462	ppbv	100
66) Benzyl Chloride	16.339	91	240348	10.380	ppbv	100
67) sec-Butylbenzene	16.648	105	5092973	9.481	ppbv	100
69) p-Isopropyltoluene	17.008	119	4043897	9.641	ppbv	100
70) n-Butylbenzene	17.899	91	4451327	9.573	ppbv	100
71) 2-Chlorotoluene	14.812	91	3164041	9.696	ppbv	100
72) 4-Ethyltoluene	15.204	105	3299644	10.127	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2952437	9.809	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	3246882	9.438	ppbv	100
75) 1,3-Dichlorobenzene	16.342	146	1769024	9.388	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	1751631	9.409	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1693787	9.091	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1275349	8.538	ppbv	100
79) Naphthalene	21.394	128	2723231	11.727	ppbv	100
80) Naphthalene,2-methyl-	24.384	142	832738	12.047	ppbv	98
81) 1,2,4-Trichlorobenzene	21.156	180	1395318	9.778	ppbv	100

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

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MSVOA_V
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 804

Delta R.T. -0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

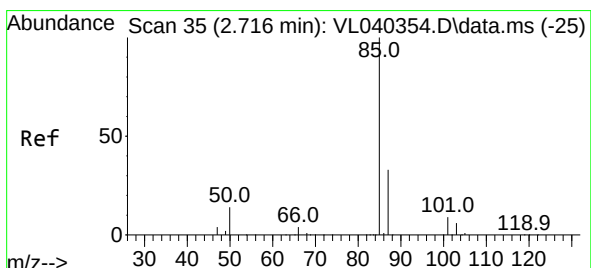
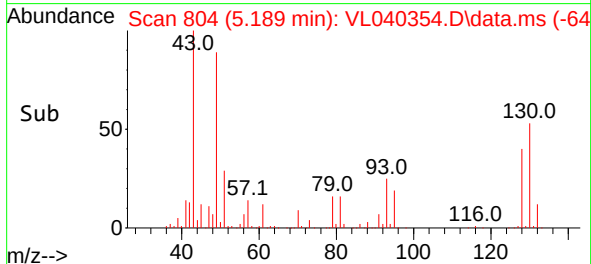
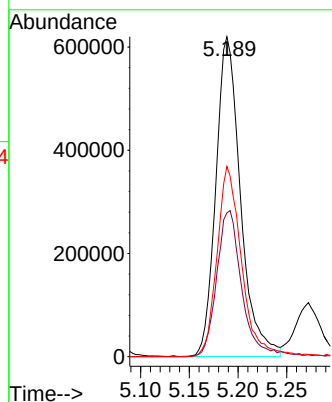
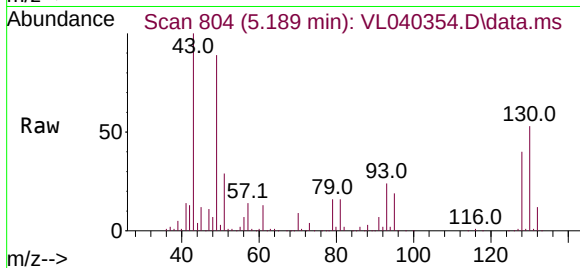
Tgt Ion: 49 Resp: 1089998

Ion Ratio Lower Upper

49 100

128 47.4 23.7 71.1

130 59.9 29.9 89.8



#2

Dichlorodifluoromethane

Concen: 8.493 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.000 min

Lab File: VL040354.D

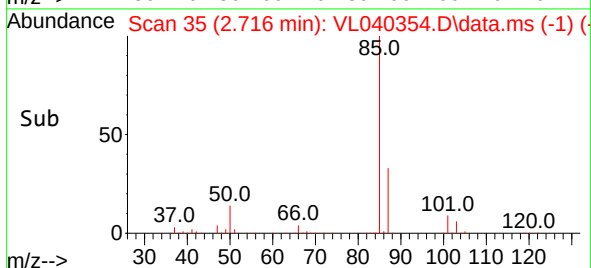
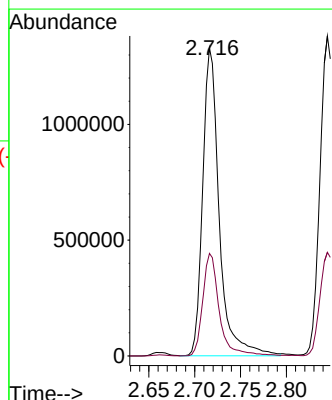
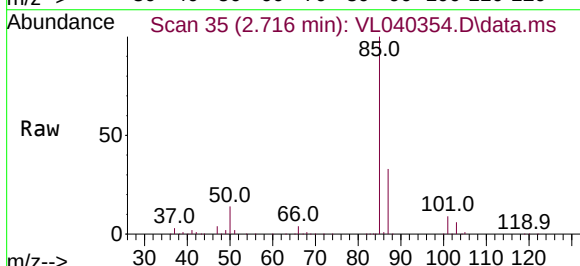
Acq: 13 Apr 2023 10:04

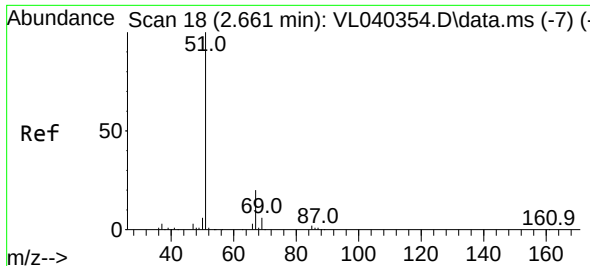
Tgt Ion: 85 Resp: 1669089

Ion Ratio Lower Upper

85 100

87 33.3 26.6 40.0

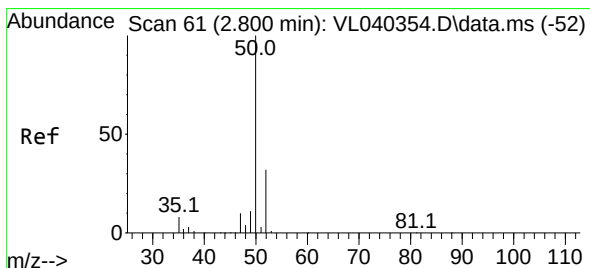
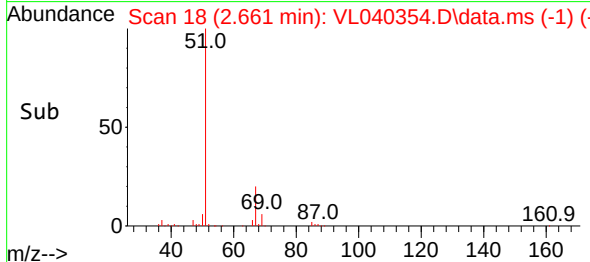
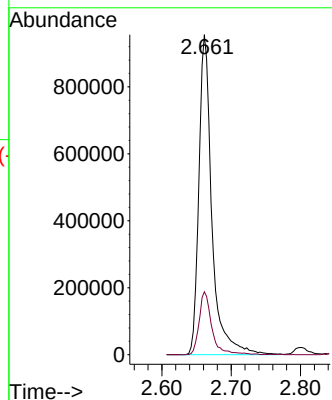
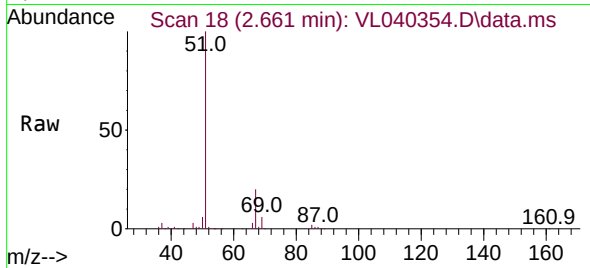




#3
Chlorodifluoromethane
Concen: 8.789 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

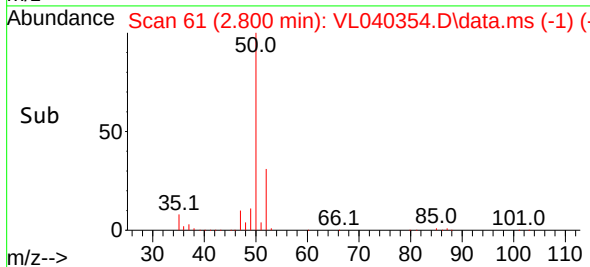
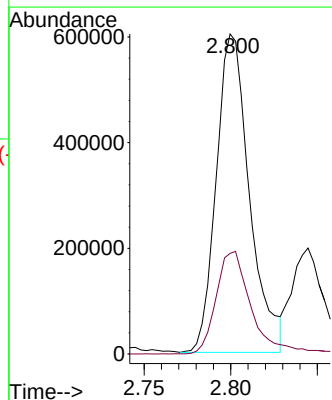
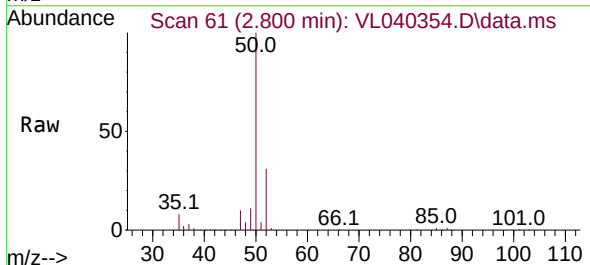
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

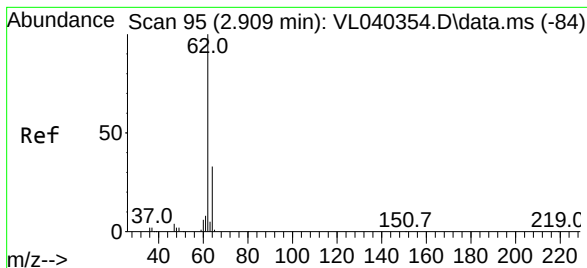
Tgt Ion: 51 Resp: 1251818
Ion Ratio Lower Upper
51 100
67 19.4 15.5 23.3



#4
Chloromethane
Concen: 8.934 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 50 Resp: 803858
Ion Ratio Lower Upper
50 100
52 31.6 25.3 37.9

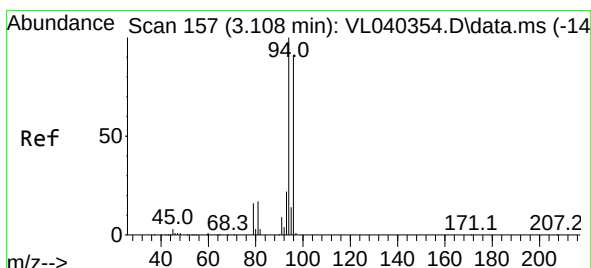
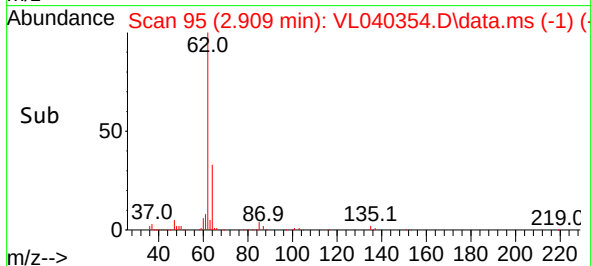
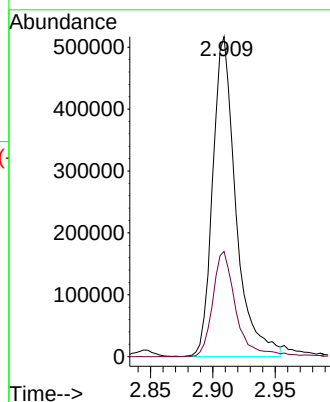
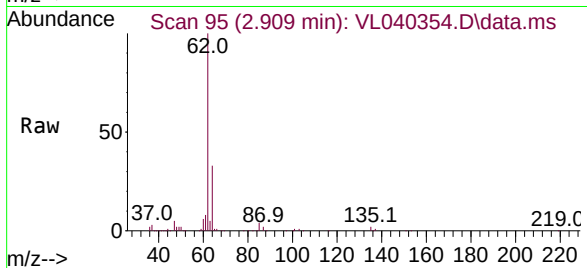




#5
 Vinyl Chloride
 Concen: 9.006 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

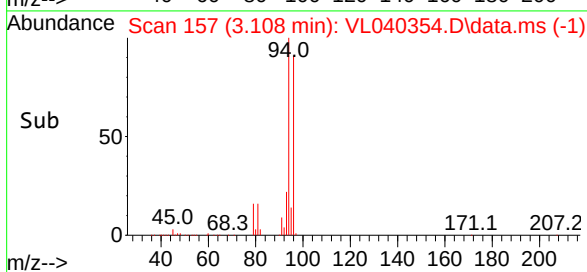
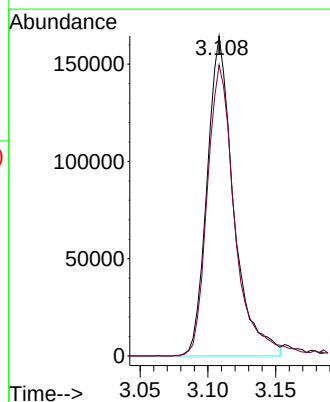
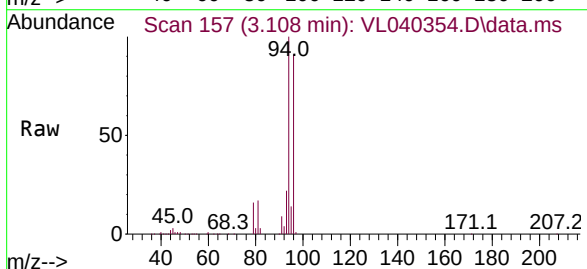
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

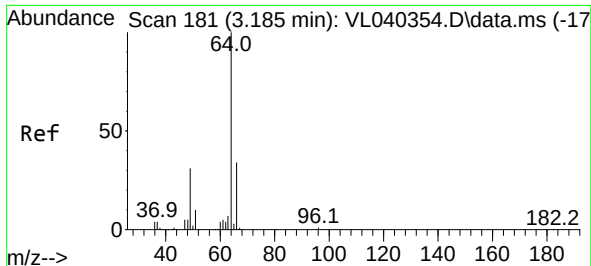
Tgt Ion: 62 Resp: 668858
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.3 39.5



#6
 Bromomethane
 Concen: 9.152 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion: 94 Resp: 223954
 Ion Ratio Lower Upper
 94 100
 96 90.7 72.6 108.8

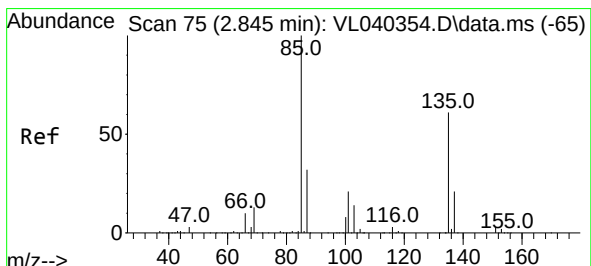
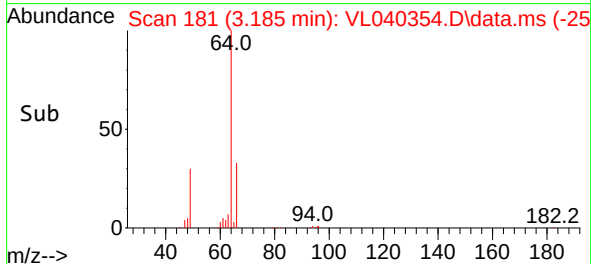
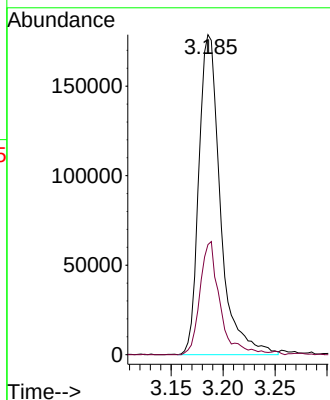
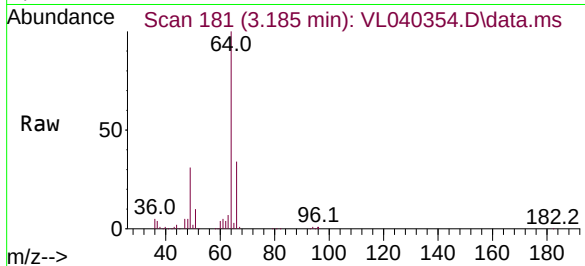




#7
Chloroethane
Concen: 9.167 ppbv
RT: 3.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

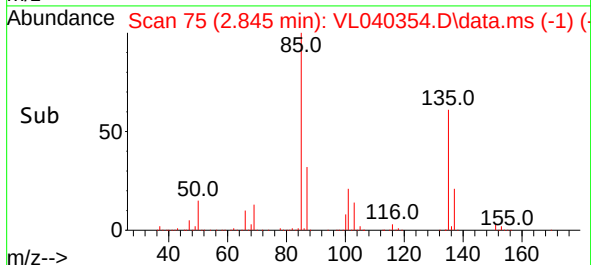
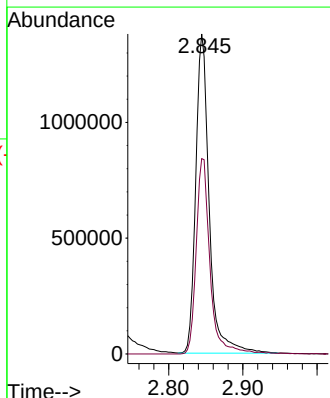
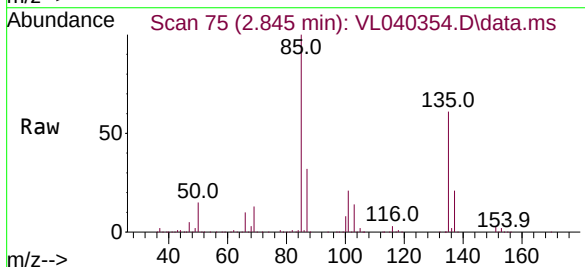
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ClientSampleId :
VSTDICCC010

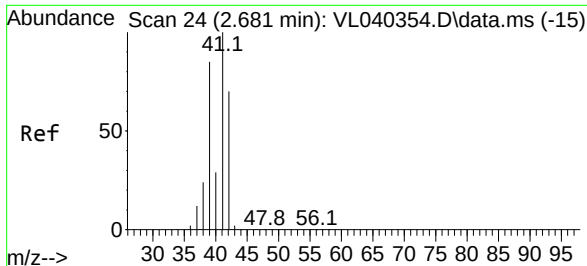
Tgt Ion: 64 Resp: 257808
Ion Ratio Lower Upper
64 100
66 34.4 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 9.062 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 85 Resp: 1740411
Ion Ratio Lower Upper
85 100
135 63.4 50.7 76.1

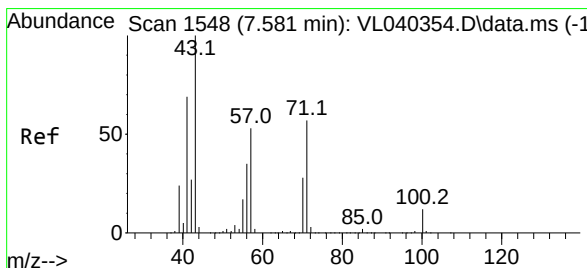
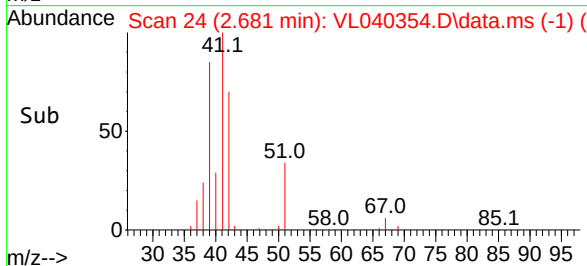
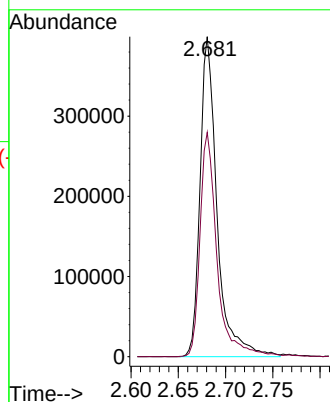
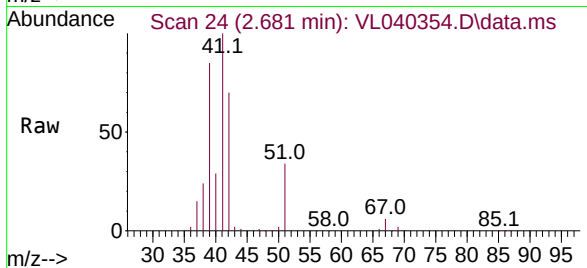




#9
 Propene
 Concen: 8.869 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

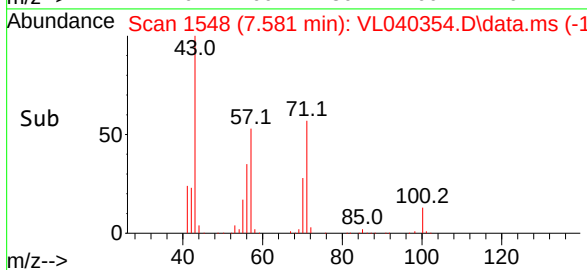
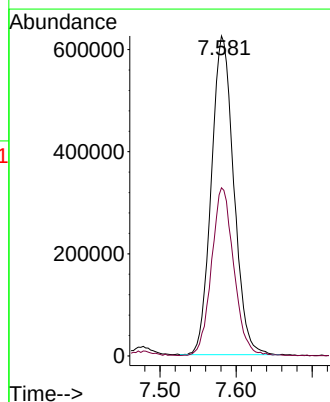
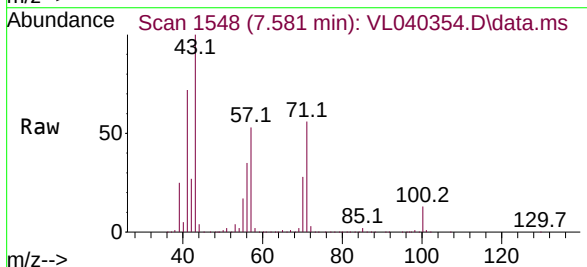
Instrument :
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 VSTDICCC010

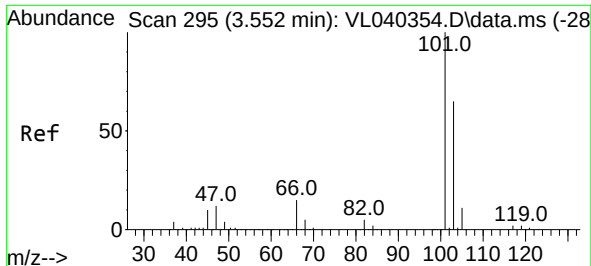
Tgt Ion: 41 Resp: 499037
 Ion Ratio Lower Upper
 41 100
 42 70.6 56.5 84.7



#10
 Heptane
 Concen: 10.005 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion: 43 Resp: 1279380
 Ion Ratio Lower Upper
 43 100
 57 52.8 42.2 63.4

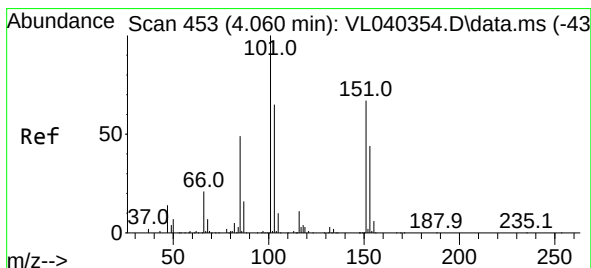
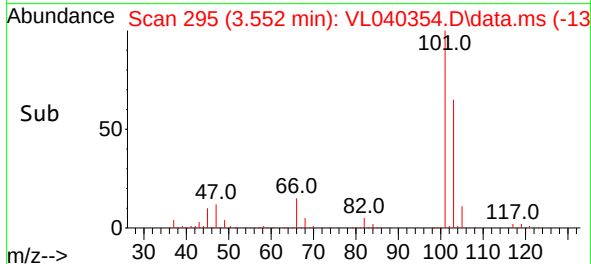
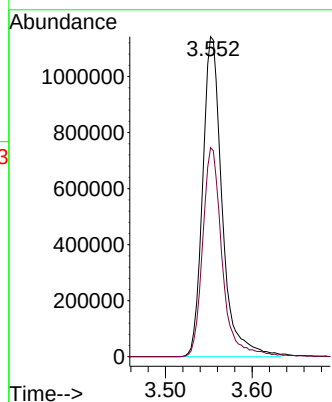
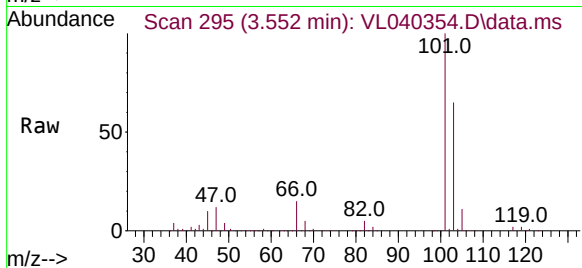




#11
 Trichlorofluoromethane
 Concen: 8.972 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

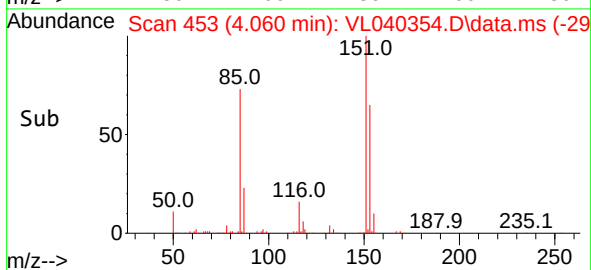
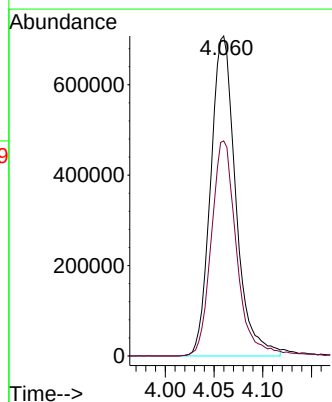
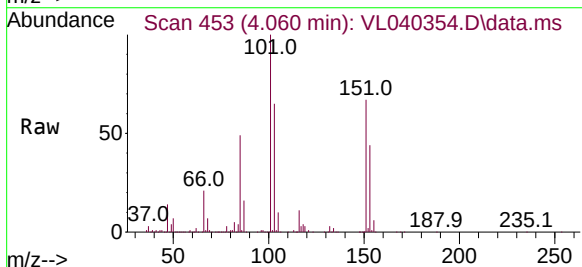
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

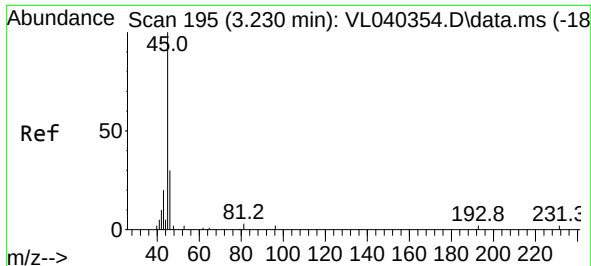
Tgt Ion:101 Resp: 1784958
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.107 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion:101 Resp: 1267262
 Ion Ratio Lower Upper
 101 100
 151 68.4 54.7 82.1

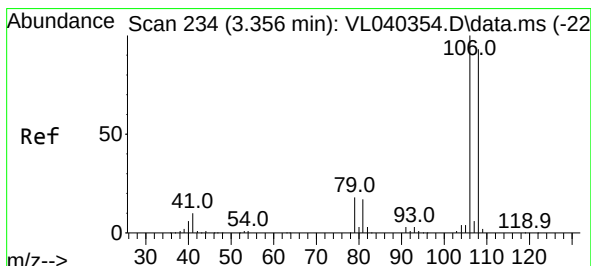
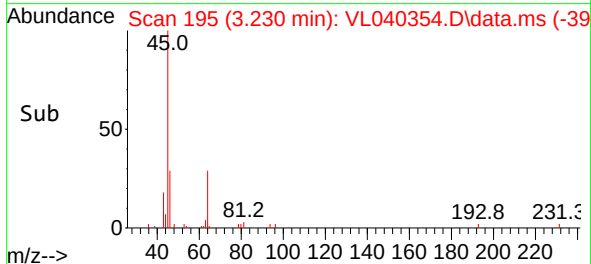
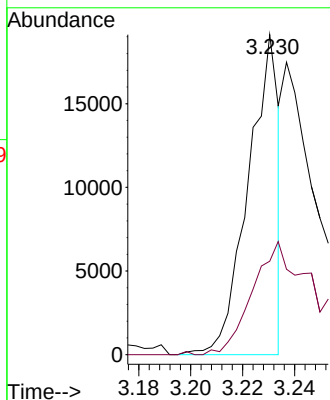
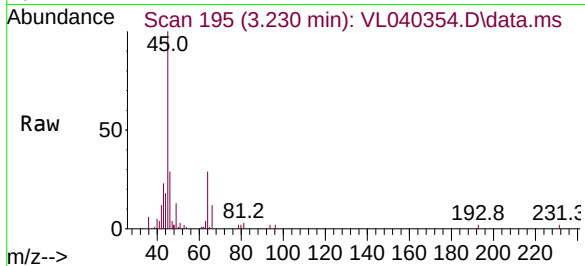




#13
Ethanol
Concen: 3.324 ppbv
RT: 3.230 min Scan# 195
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

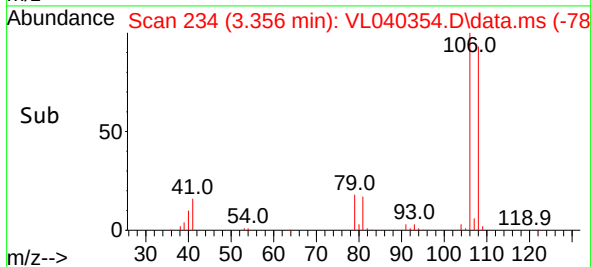
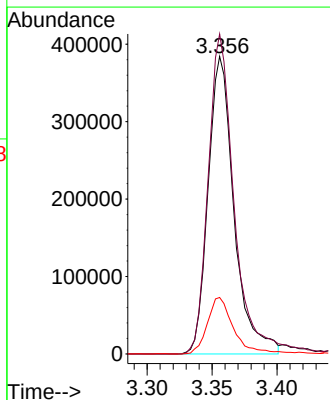
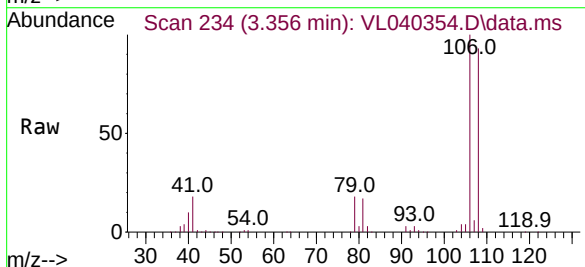
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

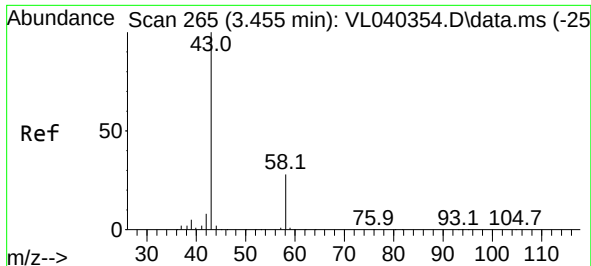
Tgt Ion: 45 Resp: 15615
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 9.362 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 108 Resp: 532681
Ion Ratio Lower Upper
108 100
106 110.3 88.3 132.5
79 20.1 16.1 24.1

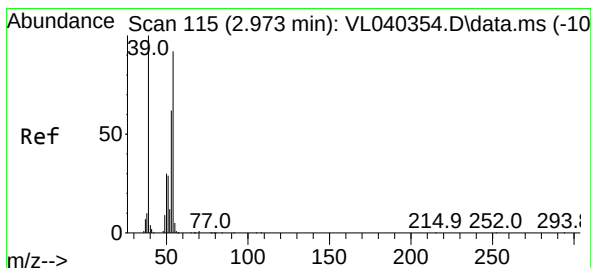
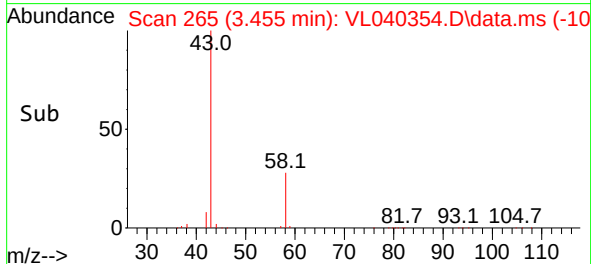
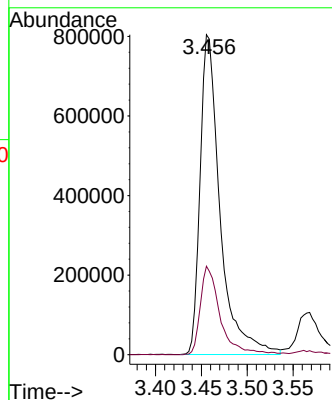
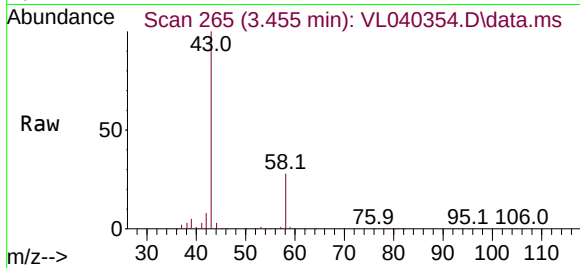




#15
Acetone
Concen: 7.894 ppbv
RT: 3.455 min Scan# 265
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

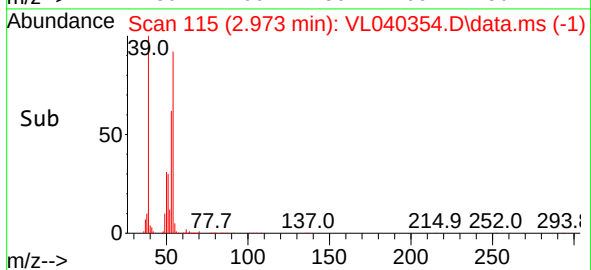
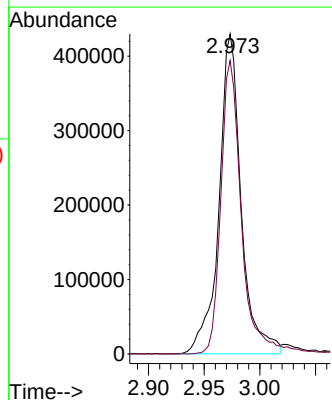
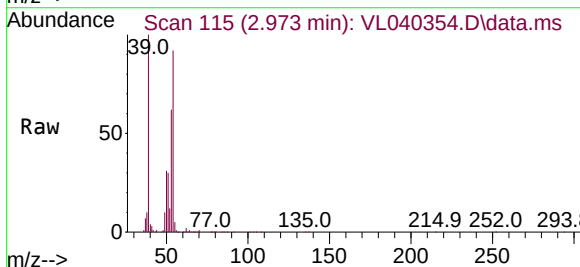
Instrument : MSVOA_V
ClientSampleId : VSTDICCC010

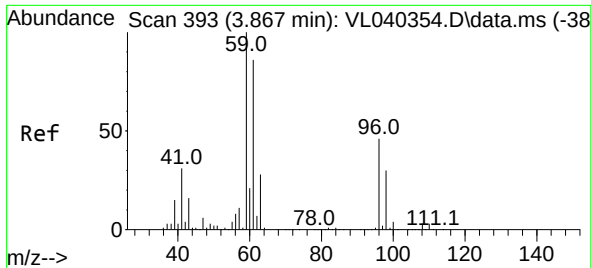
Tgt Ion: 43 Resp: 1218771
Ion Ratio Lower Upper
43 100
58 27.6 22.2 33.2



#16
1,3-Butadiene
Concen: 9.343 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 39 Resp: 596927
Ion Ratio Lower Upper
39 100
54 86.0 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.299 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

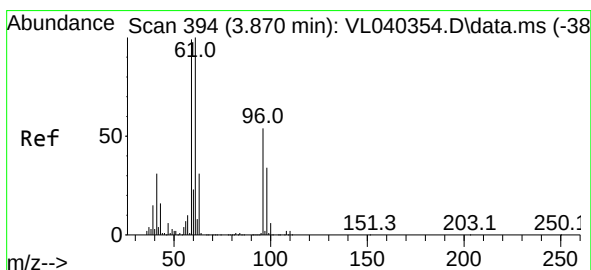
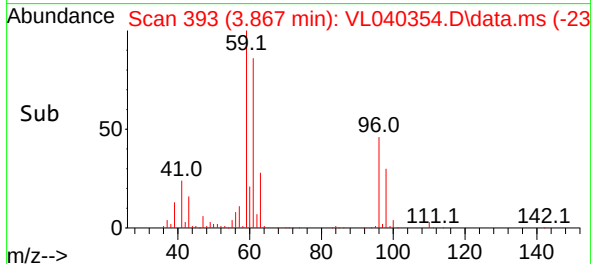
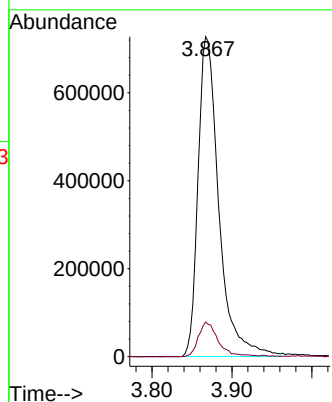
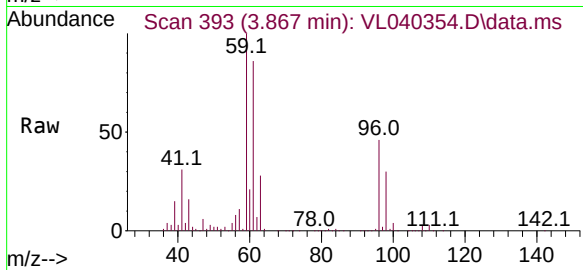
VSTDICCC010

Tgt Ion: 59 Resp: 1318339

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.137 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

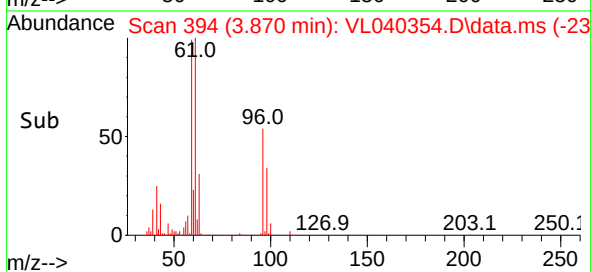
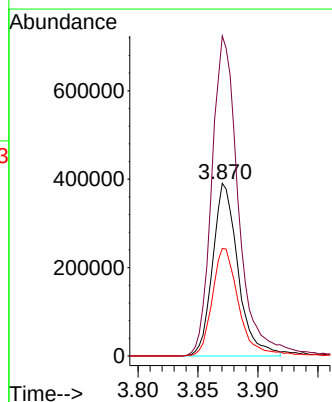
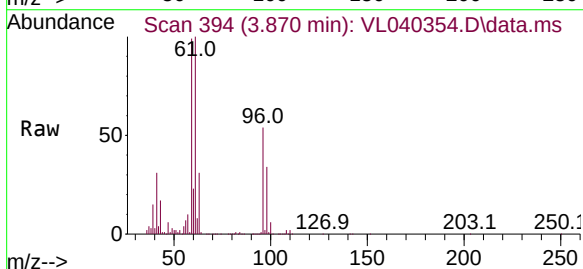
Tgt Ion: 96 Resp: 573386

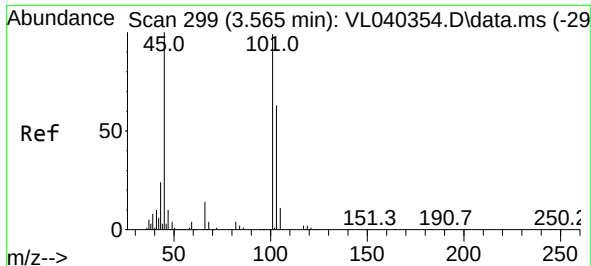
Ion Ratio Lower Upper

96 100

61 185.4 148.3 222.5

98 62.3 49.8 74.8





#19

Isopropyl Alcohol

Concen: 9.203 ppbv

RT: 3.565 min Scan# 299

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

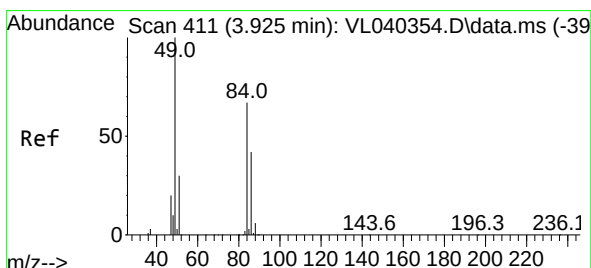
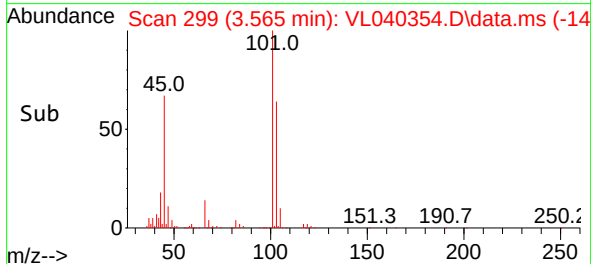
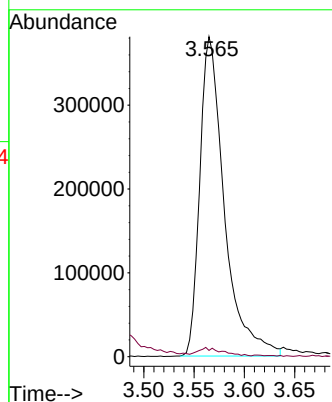
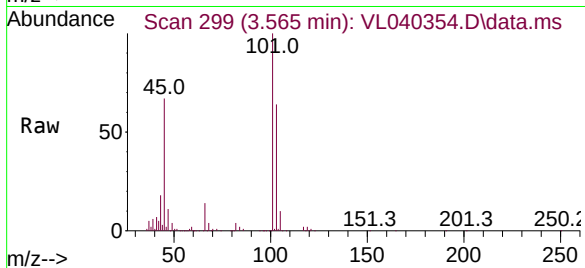
VSTDICCC010

Tgt Ion: 45 Resp: 648285

Ion Ratio Lower Upper

45 100

58 3.3 2.6 4.0



#20

Methylene Chloride

Concen: 8.141 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Tgt Ion: 84 Resp: 501774

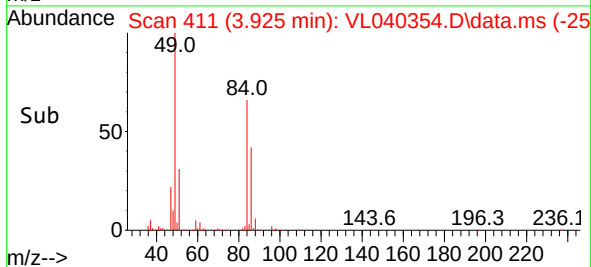
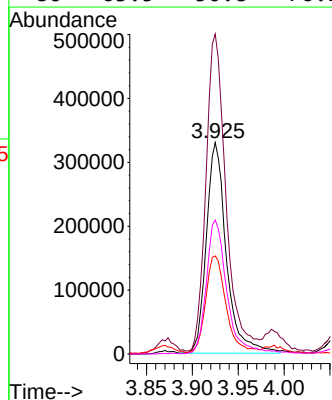
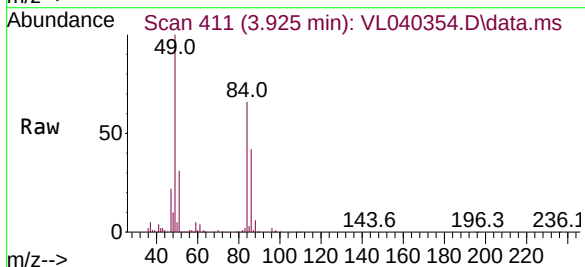
Ion Ratio Lower Upper

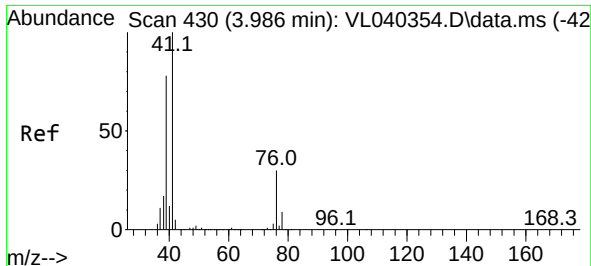
84 100

49 150.1 120.1 180.1

51 45.4 36.3 54.5

86 63.5 50.8 76.2





#21

Allyl Chloride

Concen: 9.321 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

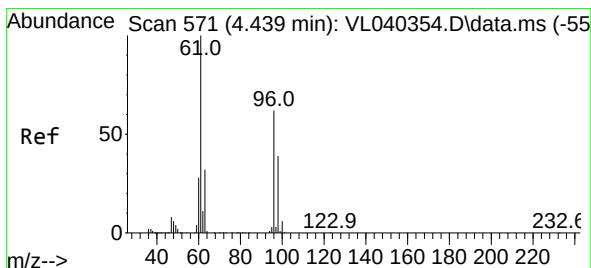
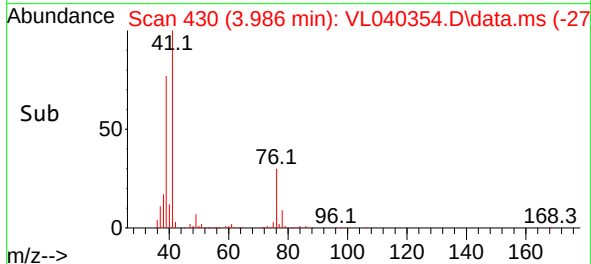
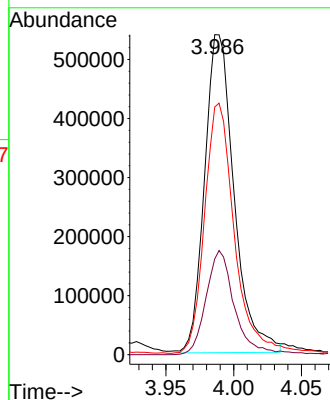
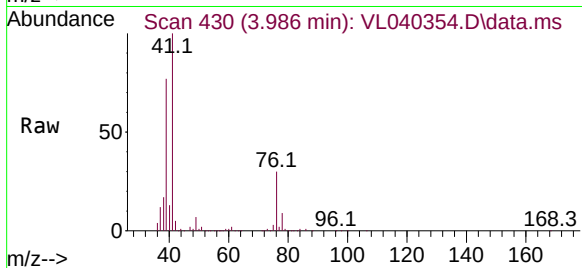
Tgt Ion: 41 Resp: 817625

Ion Ratio Lower Upper

41 100

76 31.7 25.5 38.3

39 80.3 64.0 96.0



#22

trans-1,2-Dichloroethene

Concen: 9.226 ppbv

RT: 4.439 min Scan# 571

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

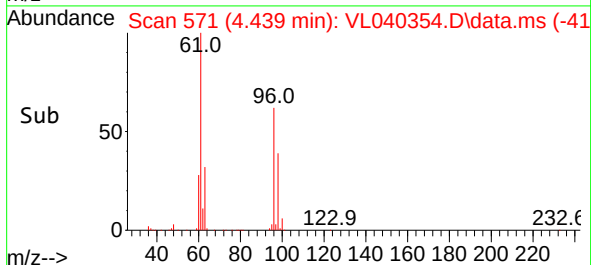
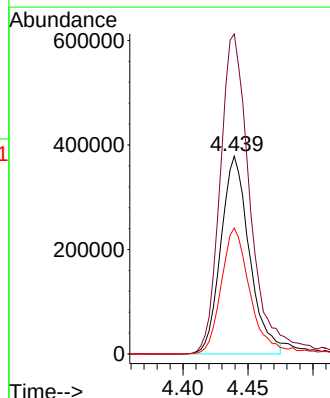
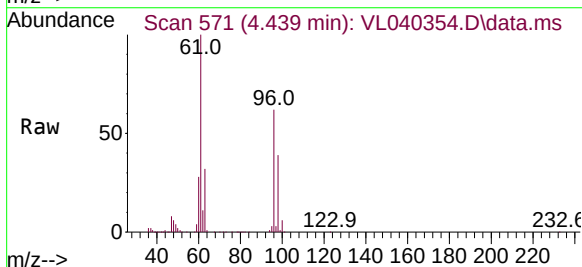
Tgt Ion: 96 Resp: 578825

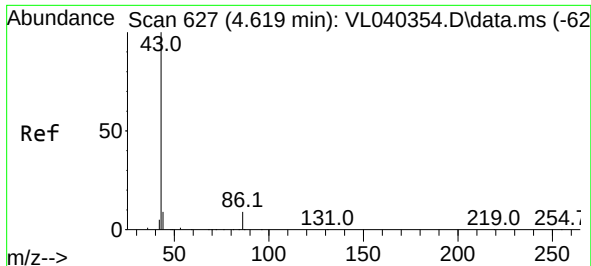
Ion Ratio Lower Upper

96 100

61 161.8 129.4 194.2

98 63.7 51.0 76.4

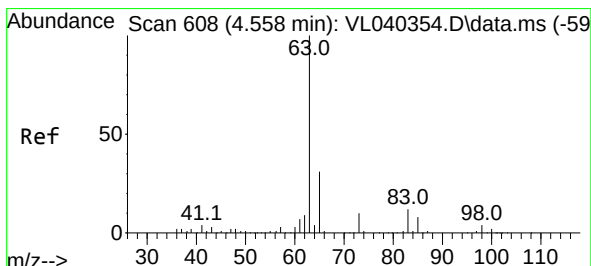
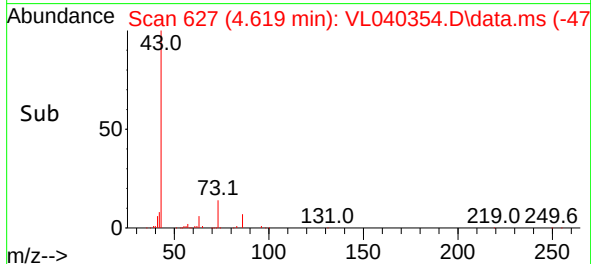
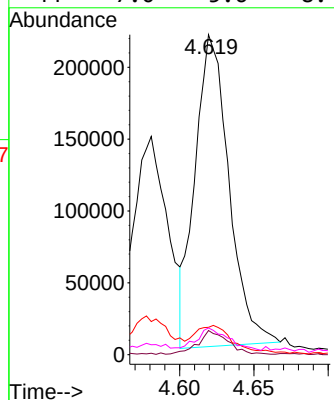
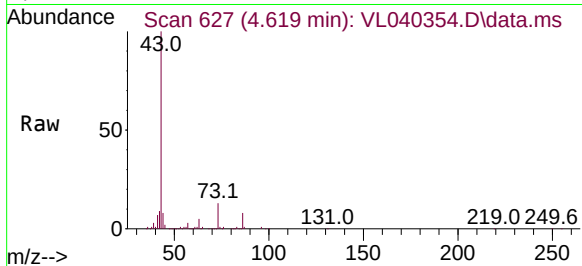




#23
 Vinyl Acetate
 Concen: 8.770 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

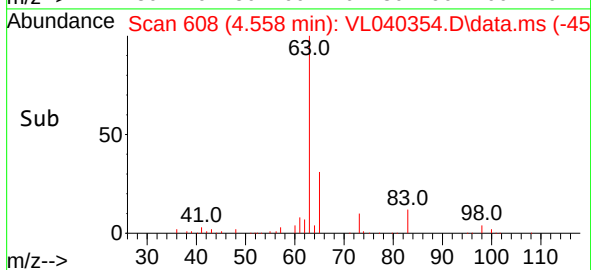
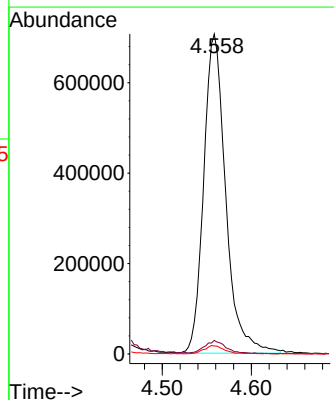
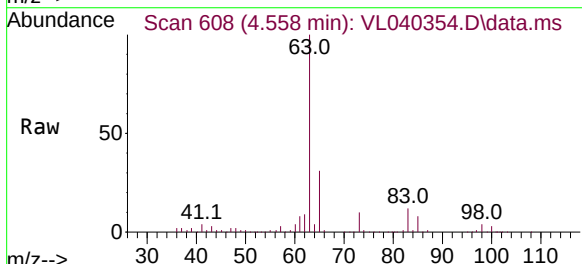
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

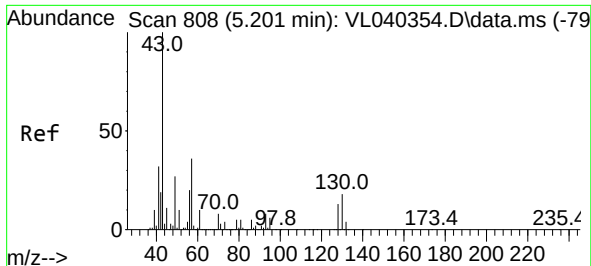
Tgt Ion:	43	Resp:	344730
Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.0	9.0
42	8.0	6.4	9.6
44	7.0	5.6	8.4



#24
 1,1-Dichloroethane
 Concen: 9.255 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion:	63	Resp:	1210642
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	2.4	1.2	3.6



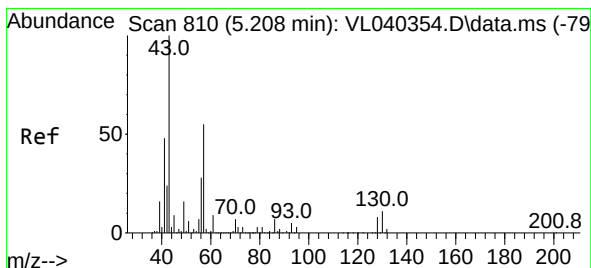
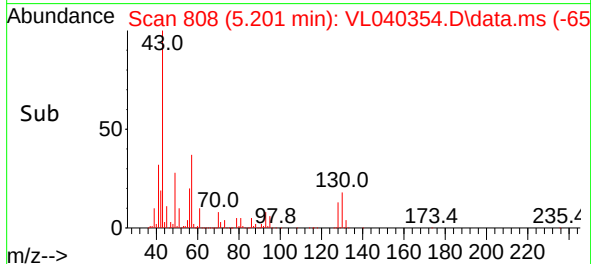
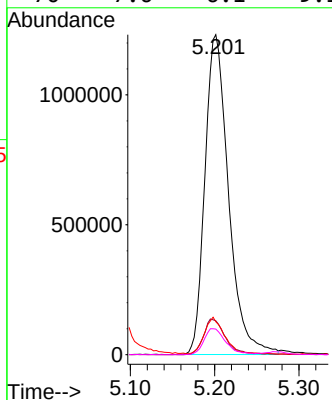
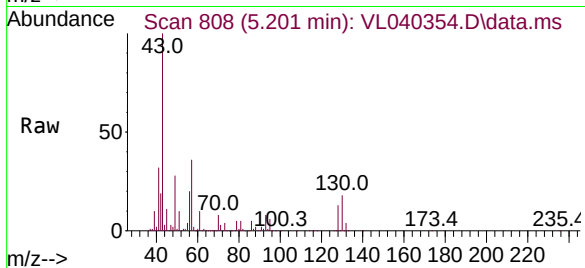


#25
Ethyl Acetate
Concen: 9.248 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2402434

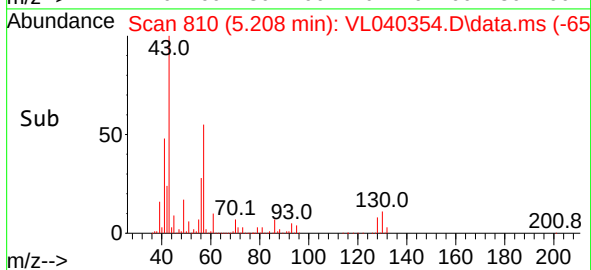
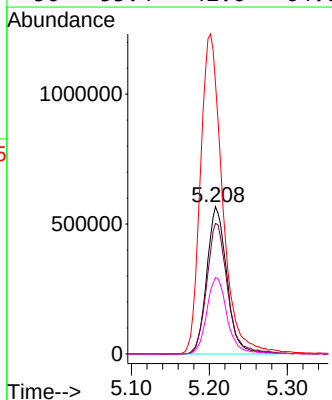
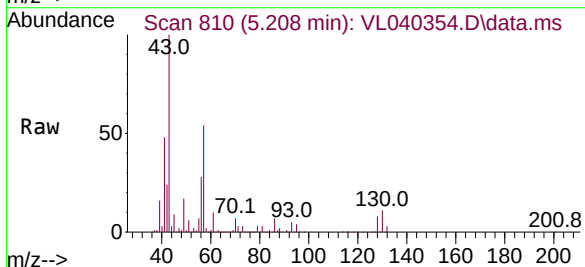
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.6	8.5	12.7
70	7.6	6.1	9.1

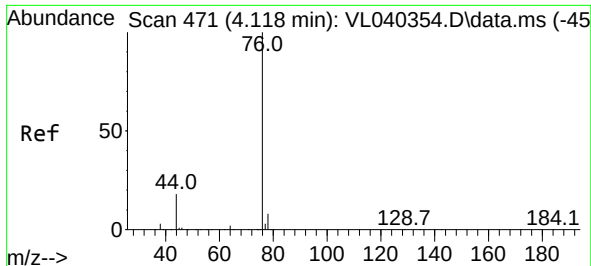


#26
Hexane
Concen: 9.240 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 57 Resp: 1011928

Ion	Ratio	Lower	Upper
57	100		
41	93.3	74.8	112.2
43	240.5	192.7	289.1
56	53.4	42.6	64.0



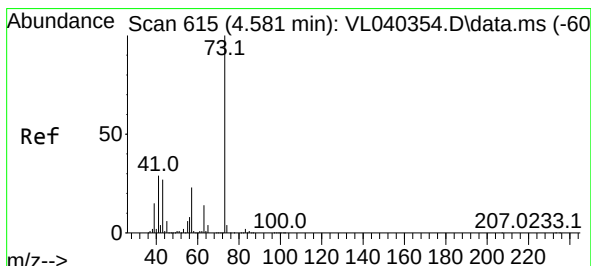
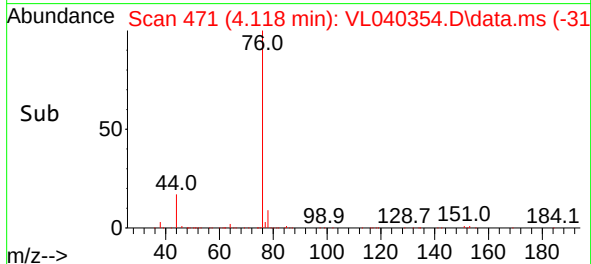
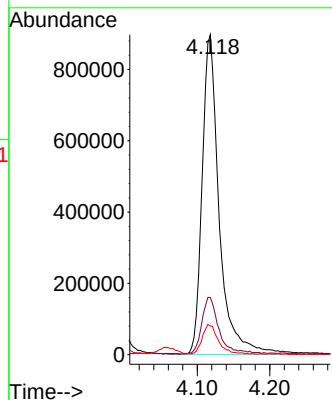
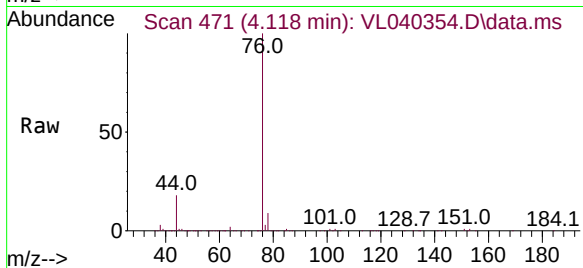


#27
Carbon Disulfide
Concen: 10.310 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1461223

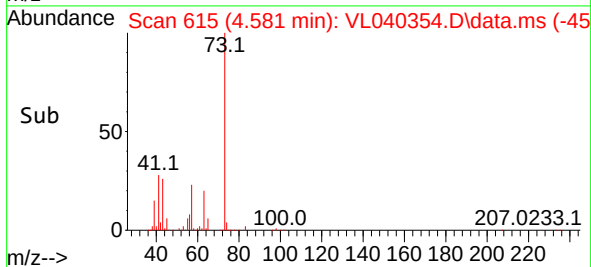
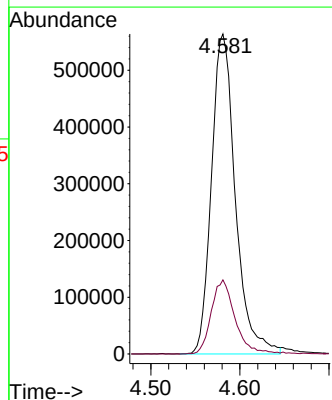
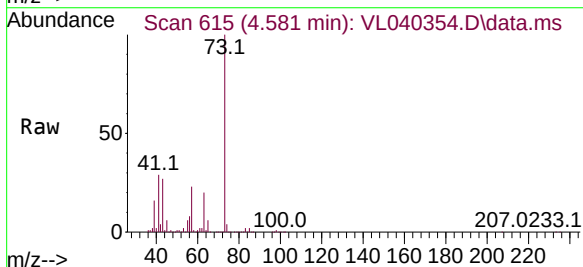
Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.7	22.1
78	9.6	7.7	11.5

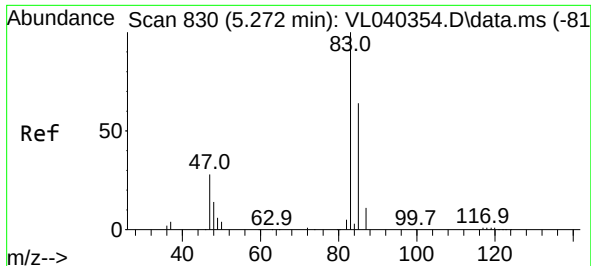


#28
Methyl tert-Butyl Ether
Concen: 9.307 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 73 Resp: 1052189

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.6	27.8

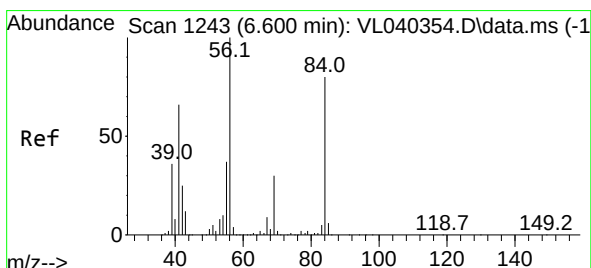
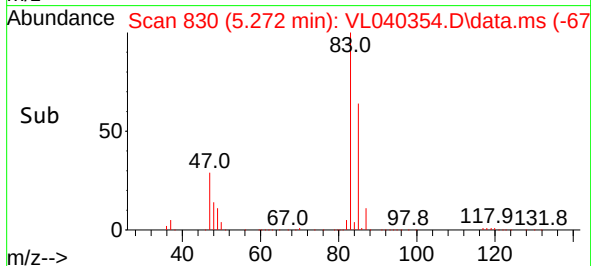
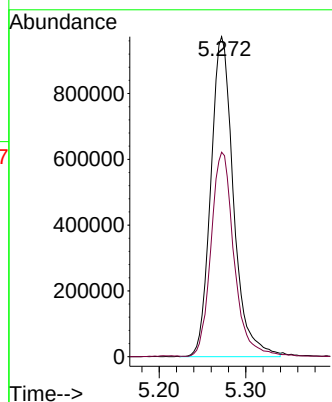
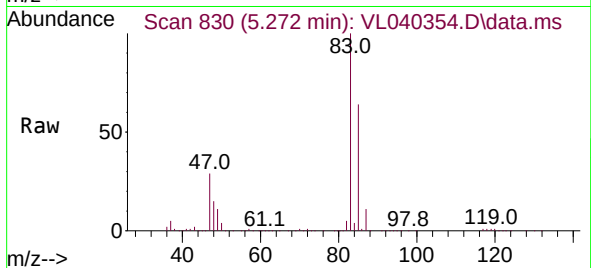




#29
Chloroform
Concen: 9.083 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

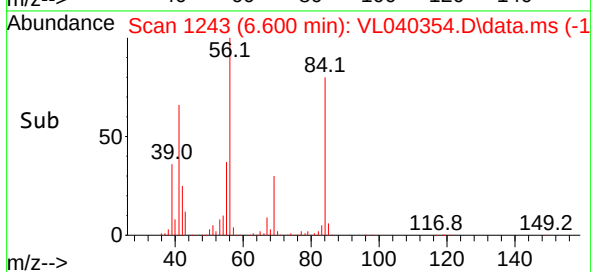
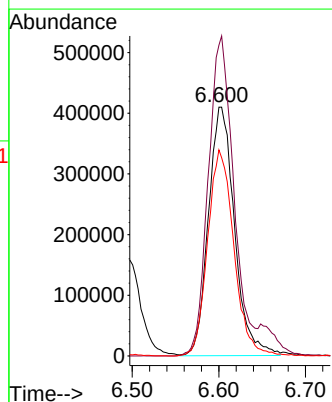
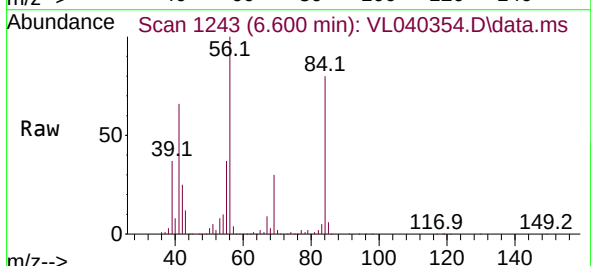
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

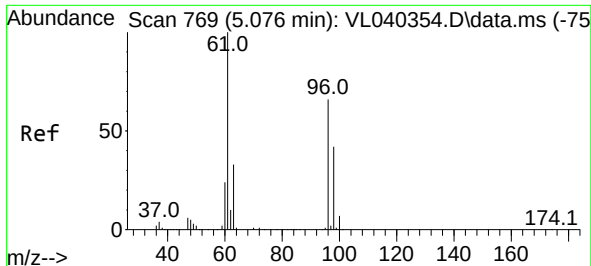
Tgt Ion: 83 Resp: 1772040
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4



#30
Cyclohexane
Concen: 10.125 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 84 Resp: 858819
Ion Ratio Lower Upper
84 100
56 133.9 107.0 160.6
41 83.4 66.7 100.1

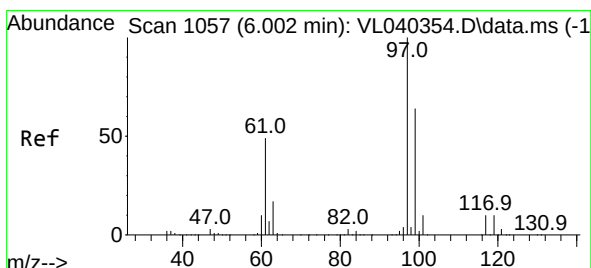
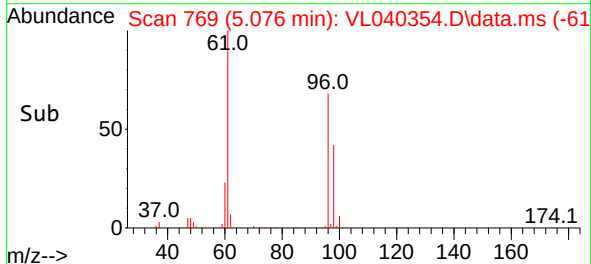
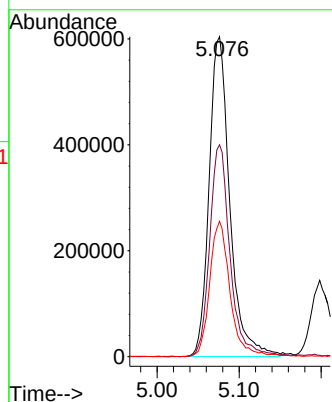
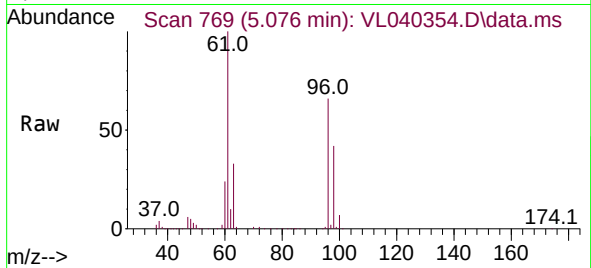




#31
 cis-1,2-Dichloroethene
 Concen: 9.732 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

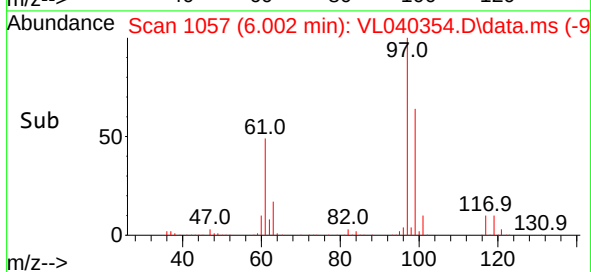
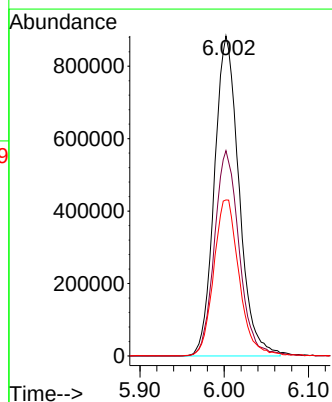
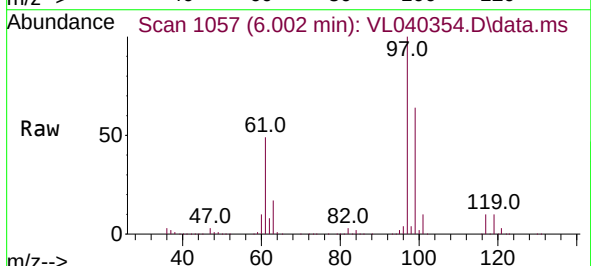
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

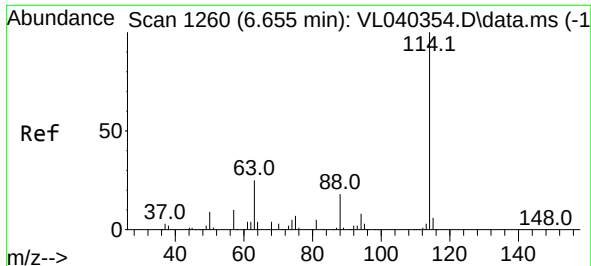
Tgt Ion: 61 Resp: 1056367
 Ion Ratio Lower Upper
 61 100
 96 66.2 53.0 79.4
 98 42.3 33.8 50.8



#32
 1,1,1-Trichloroethane
 Concen: 9.448 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion: 97 Resp: 1790885
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.8
 61 50.6 40.4 60.6

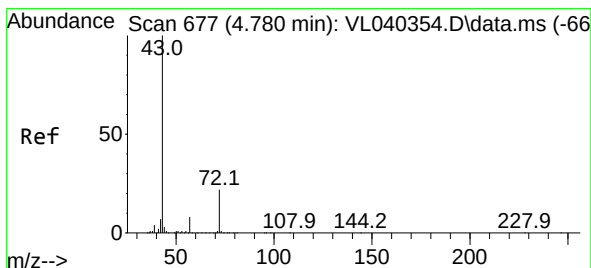
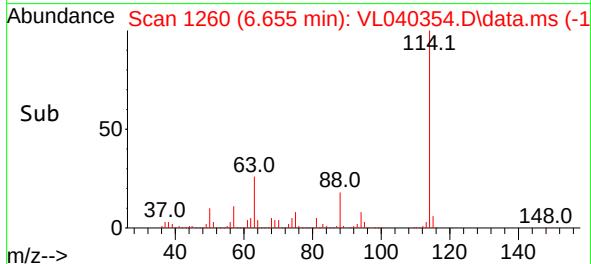
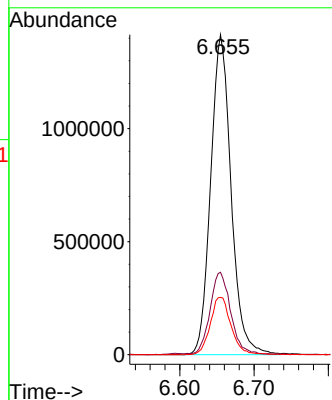
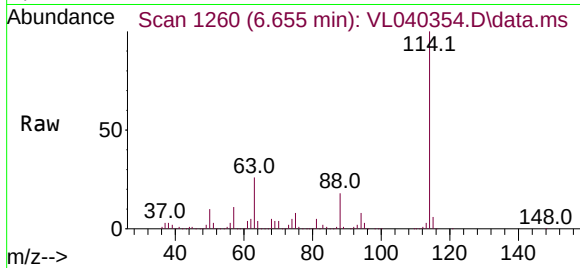




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.655 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

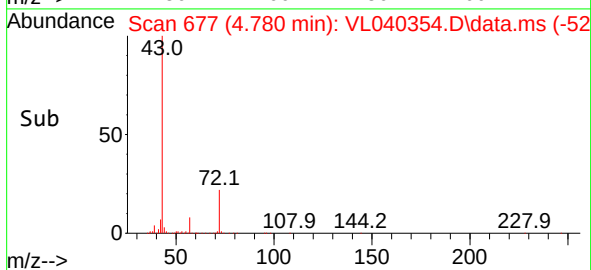
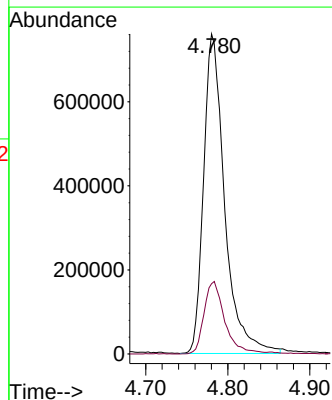
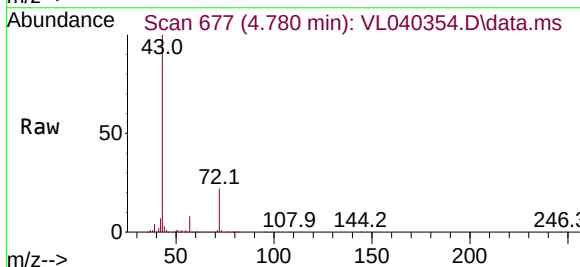
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

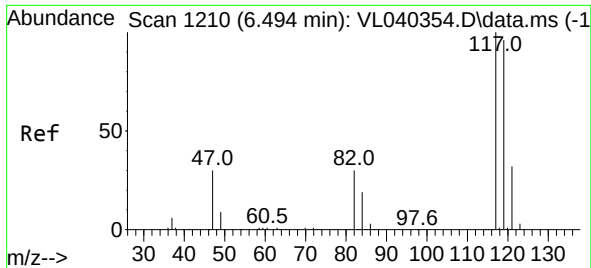
Tgt Ion:114 Resp: 2702241
 Ion Ratio Lower Upper
 114 100
 63 26.7 21.4 32.0
 88 18.3 14.6 22.0



#34
 2-Butanone
 Concen: 9.302 ppbv
 RT: 4.780 min Scan# 677
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion: 43 Resp: 1355393
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.4 27.6

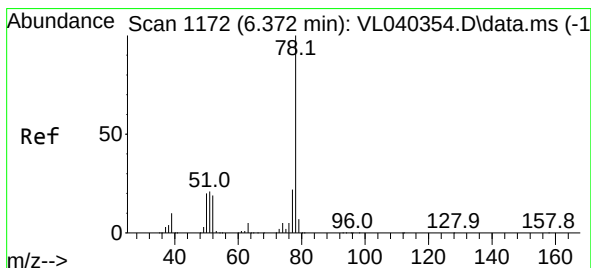
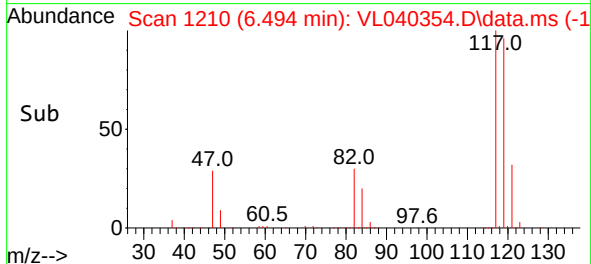
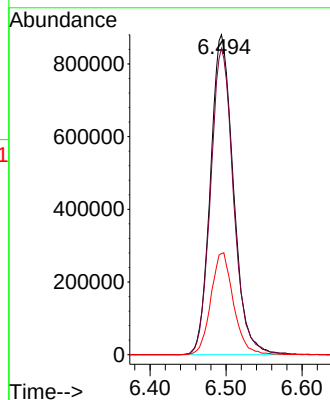
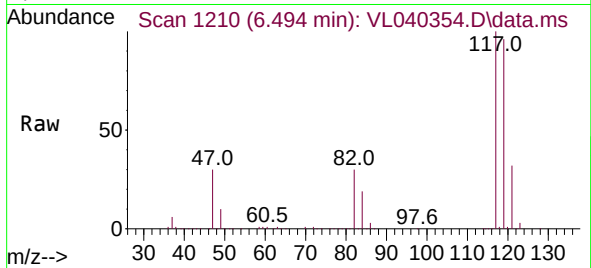




#35
Carbon Tetrachloride
Concen: 9.720 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

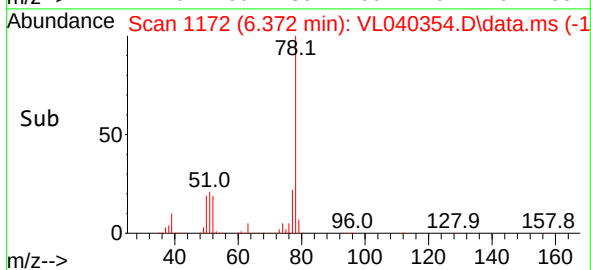
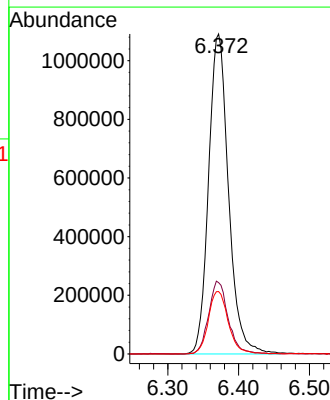
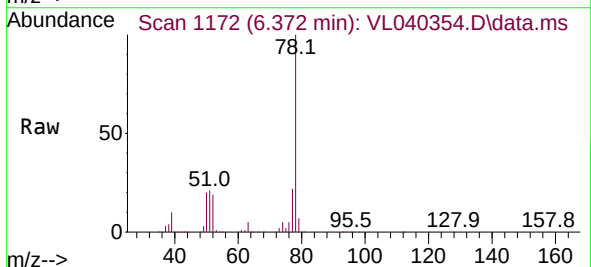
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

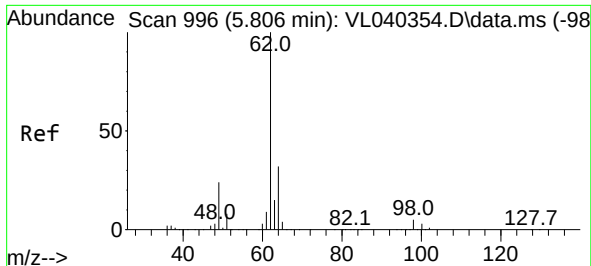
Tgt Ion:117 Resp: 1849024
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 31.6 25.3 37.9



#36
Benzene
Concen: 9.662 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 78 Resp: 2130181
Ion Ratio Lower Upper
78 100
77 22.3 17.8 26.8
50 19.5 15.6 23.4

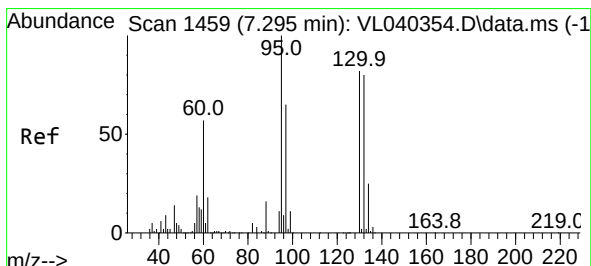
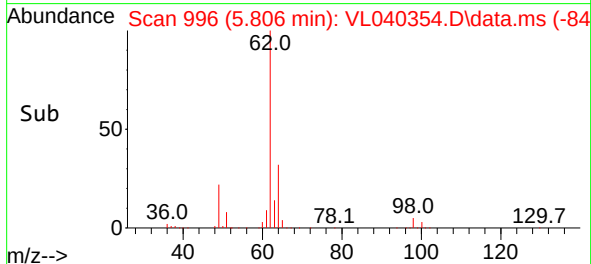
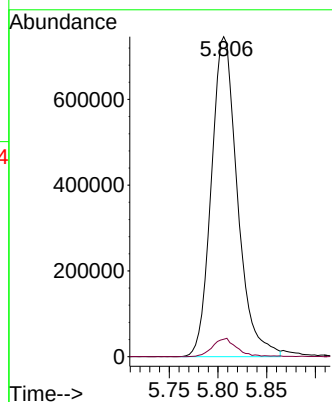
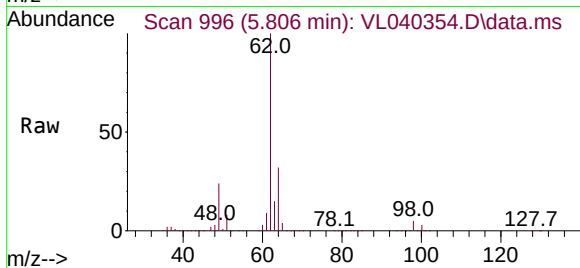




#37
1,2-Dichloroethane
Concen: 9.617 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

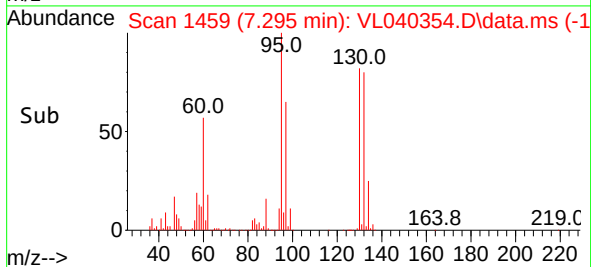
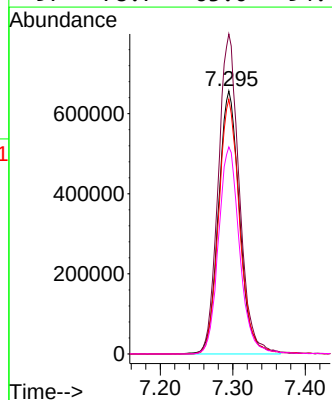
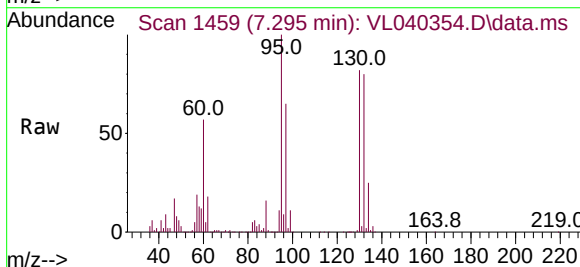
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

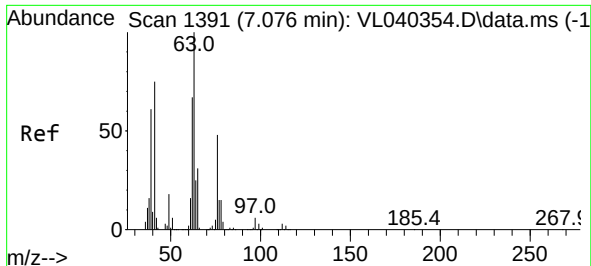
Tgt Ion: 62 Resp: 1392790
Ion Ratio Lower Upper
62 100
98 5.5 4.4 6.6



#38
Trichloroethene
Concen: 10.565 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion:130 Resp: 1325616
Ion Ratio Lower Upper
130 100
95 121.7 97.4 146.0
132 96.9 77.5 116.3
97 78.7 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.616 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

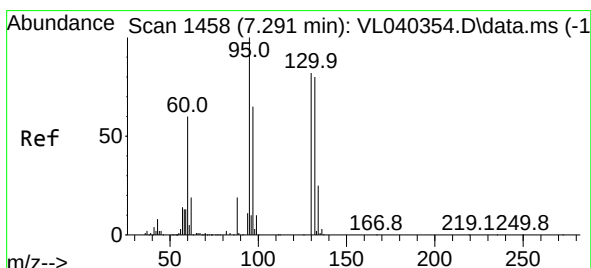
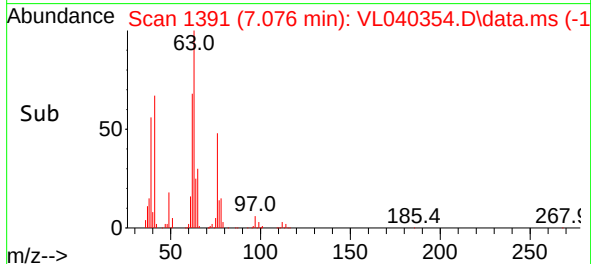
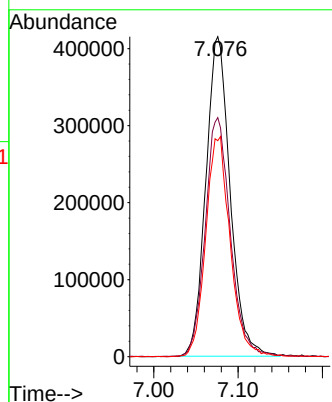
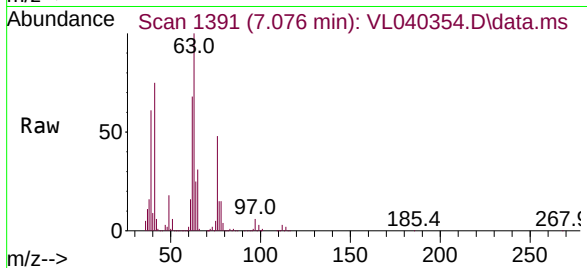
Tgt Ion: 63 Resp: 834175

Ion Ratio Lower Upper

63 100

41 74.5 59.6 89.4

62 67.4 53.9 80.9



#40

1,4-Dioxane

Concen: 9.395 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Tgt Ion: 88 Resp: 312152

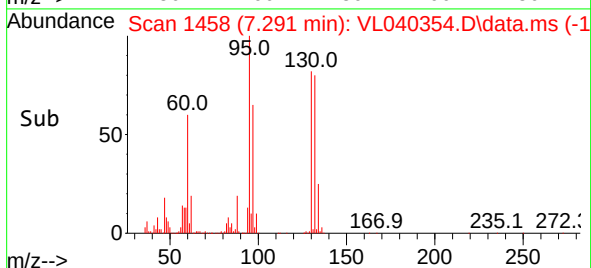
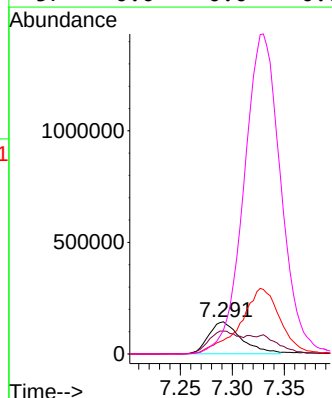
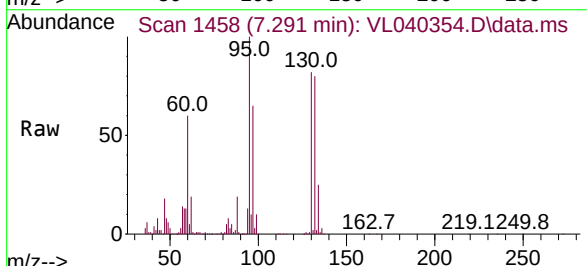
Ion Ratio Lower Upper

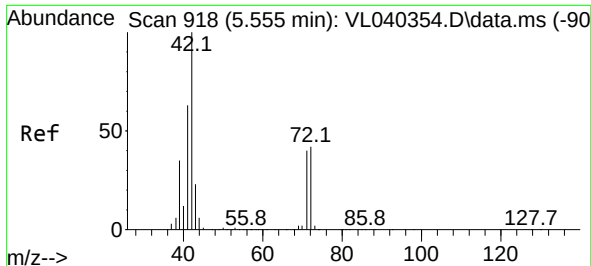
88 100

58 126.0 100.8 151.2

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.777 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

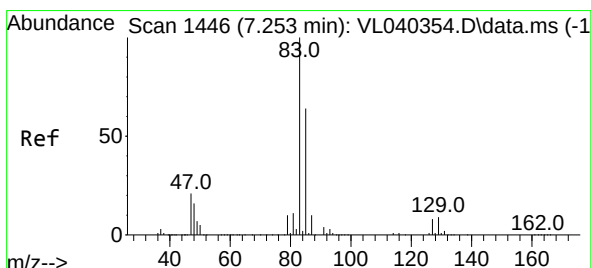
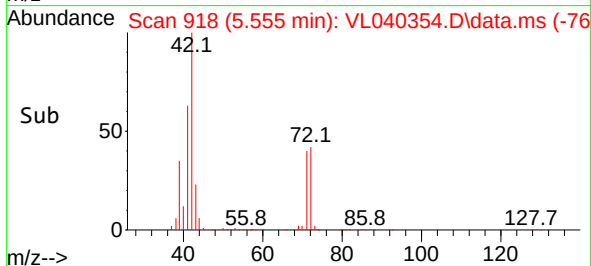
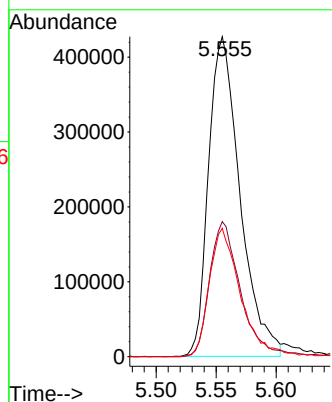
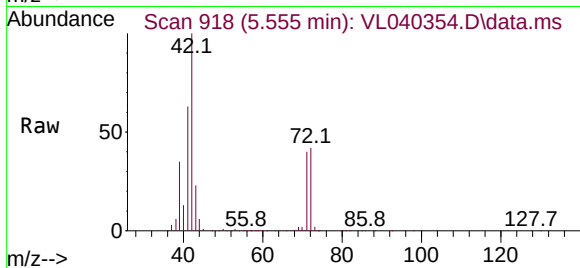
Tgt Ion: 42 Resp: 780196

Ion Ratio Lower Upper

42 100

72 42.1 33.7 50.5

71 40.2 32.2 48.2



#42

Bromodichloromethane

Concen: 9.915 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

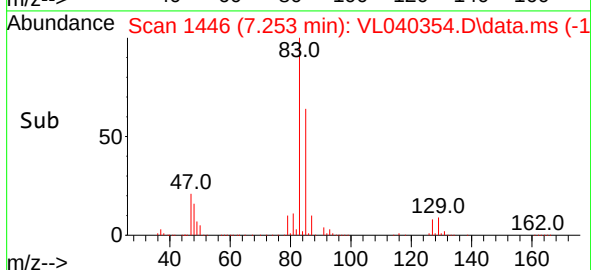
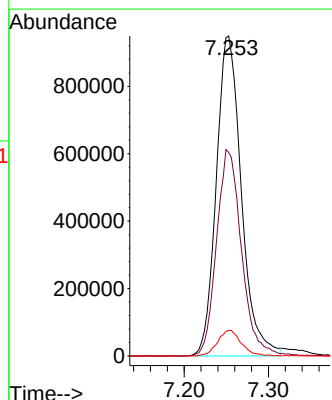
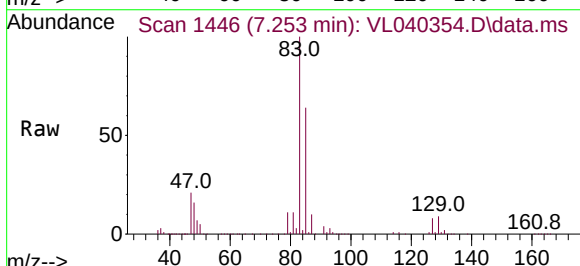
Tgt Ion: 83 Resp: 1960776

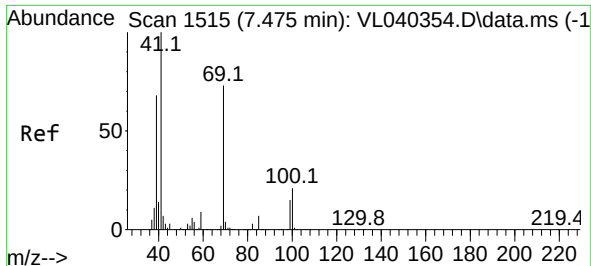
Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

127 8.0 6.4 9.6

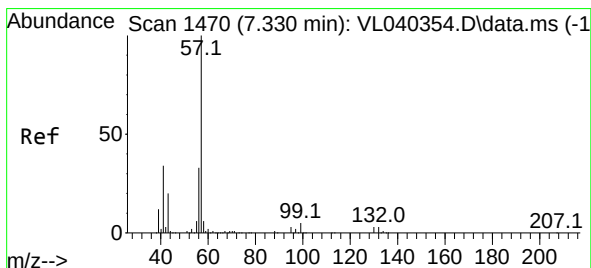
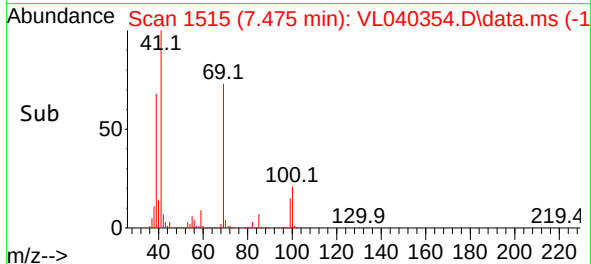
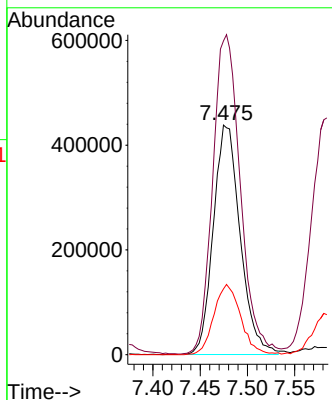
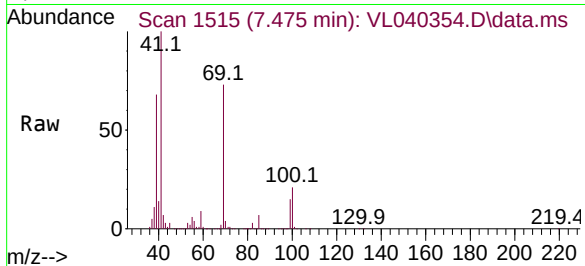




#43
Methyl Methacrylate
Concen: 10.588 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

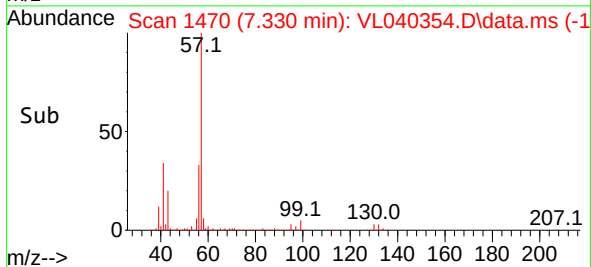
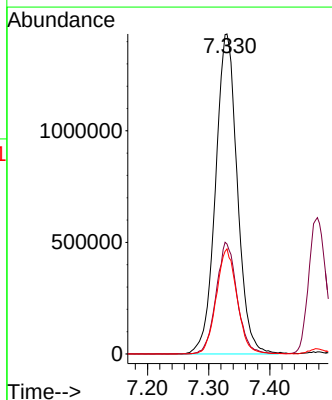
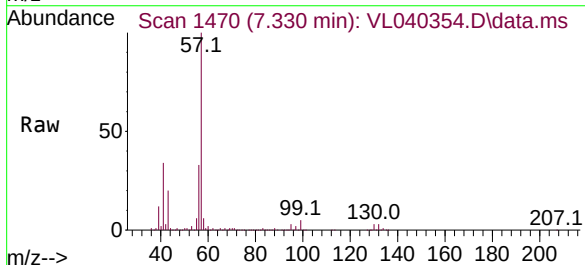
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

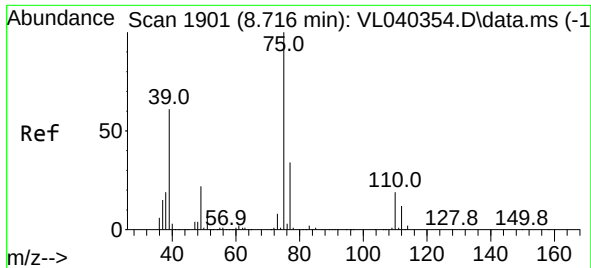
Tgt Ion: 69 Resp: 867022
Ion Ratio Lower Upper
69 100
41 143.2 114.3 171.5
100 30.7 24.5 36.7



#44
2,2,4-Trimethylpentane
Concen: 9.631 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 57 Resp: 3546635
Ion Ratio Lower Upper
57 100
41 33.6 26.9 40.3
56 31.4 25.1 37.7

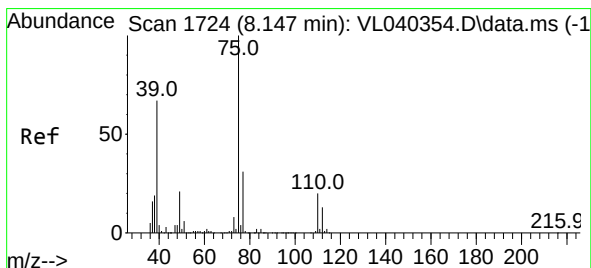
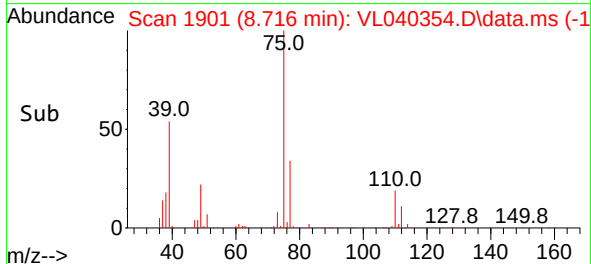
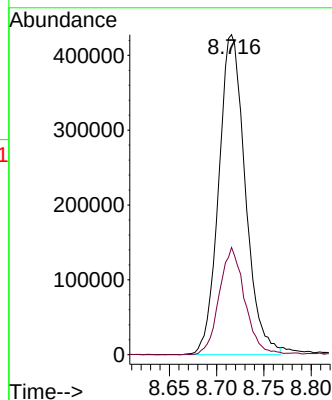
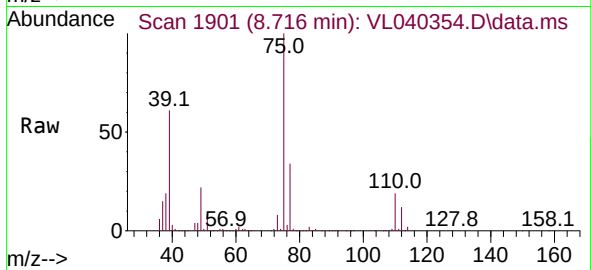




#45
 t-1,3-Dichloropropene
 Concen: 11.429 ppbv
 RT: 8.716 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

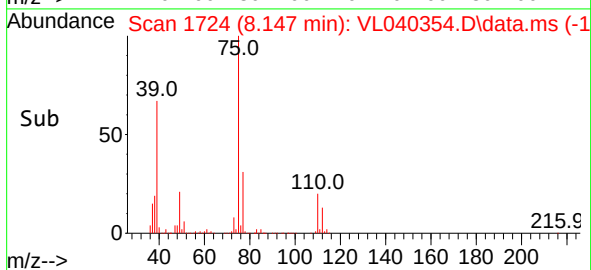
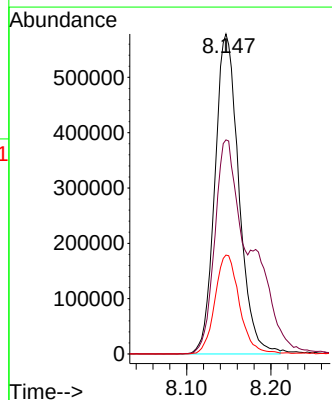
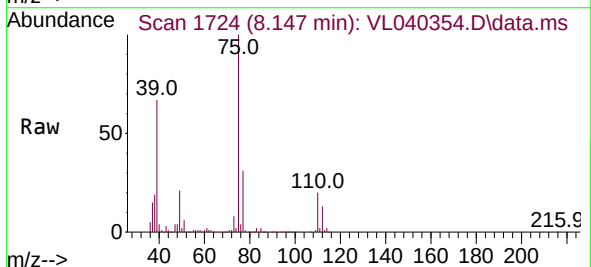
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

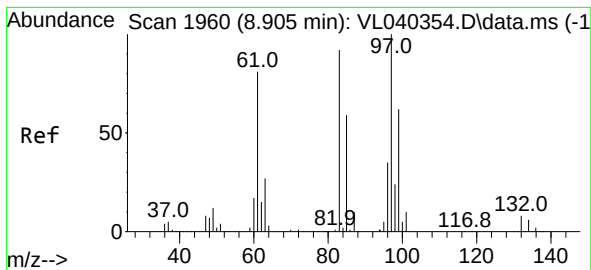
Tgt Ion: 75 Resp: 836009
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.8 40.2



#46
 cis-1,3-Dichloropropene
 Concen: 11.229 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion: 75 Resp: 1143204
 Ion Ratio Lower Upper
 75 100
 39 66.8 53.4 80.2
 77 30.9 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 9.681 ppbv

RT: 8.905 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 920771

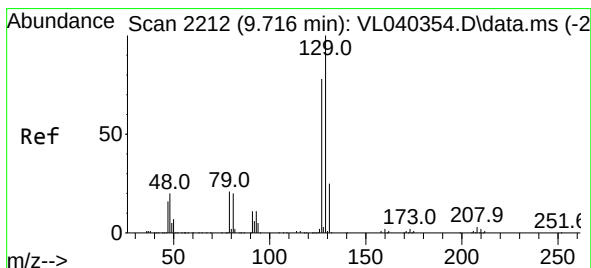
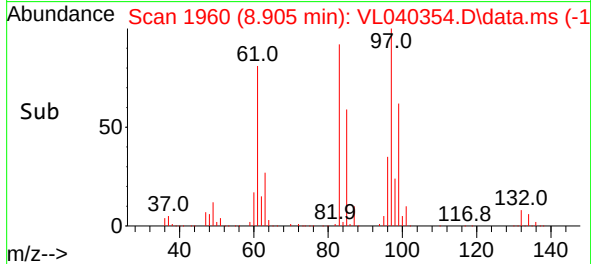
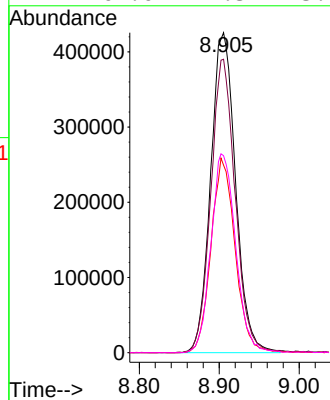
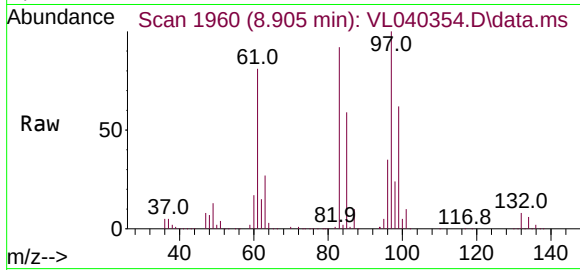
Ion Ratio Lower Upper

97 100

83 91.6 73.3 109.9

85 58.6 46.9 70.3

99 61.6 49.3 73.9



#48

Dibromochloromethane

Concen: 10.381 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VL040354.D

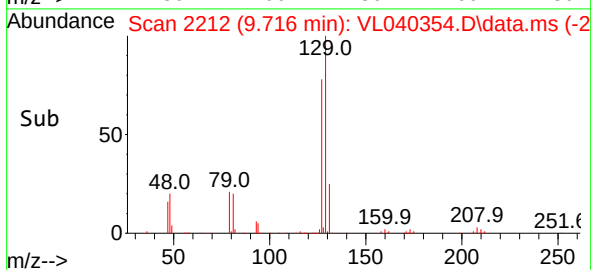
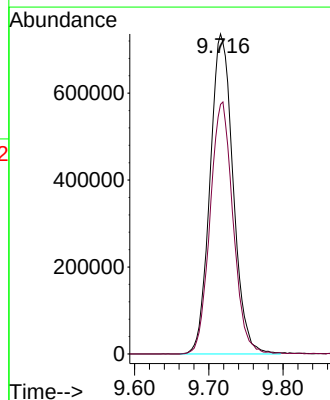
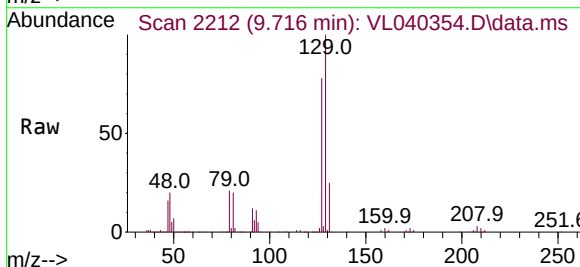
Acq: 13 Apr 2023 10:04

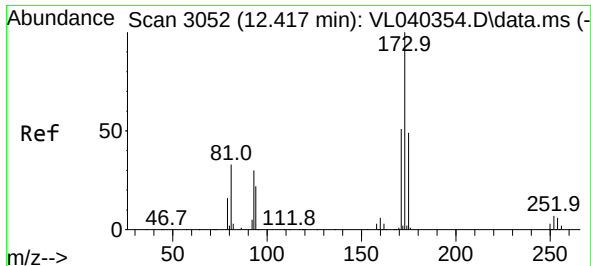
Tgt Ion: 129 Resp: 1590187

Ion Ratio Lower Upper

129 100

127 78.4 39.2 117.6

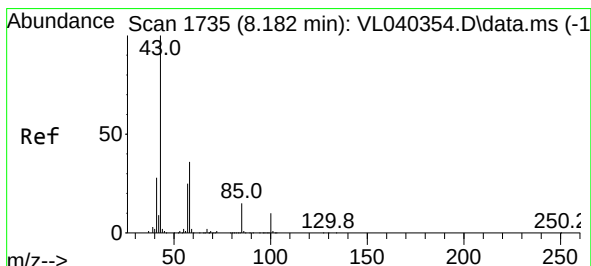
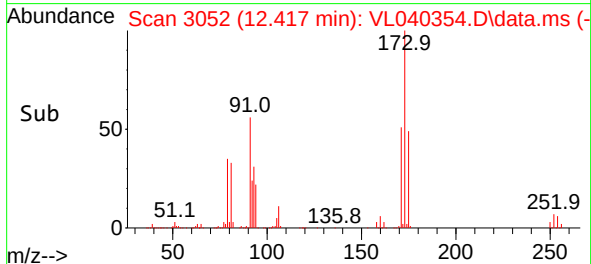
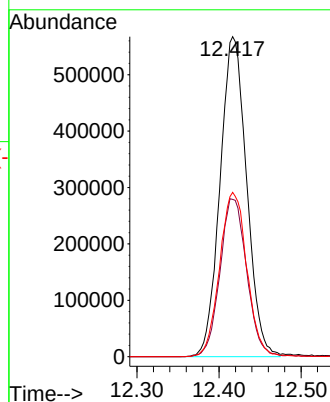
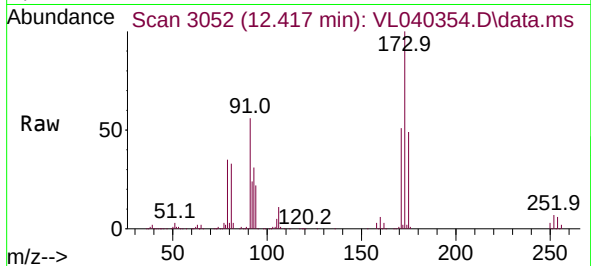




#49
Bromoform
Concen: 10.701 ppbv
RT: 12.417 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

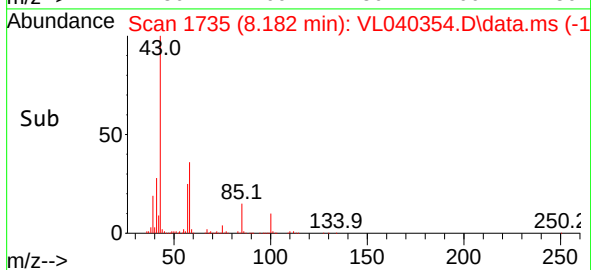
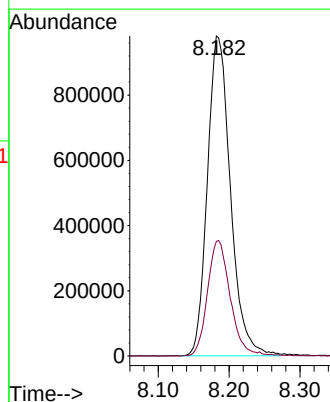
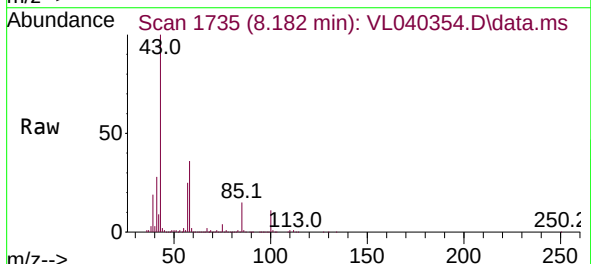
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

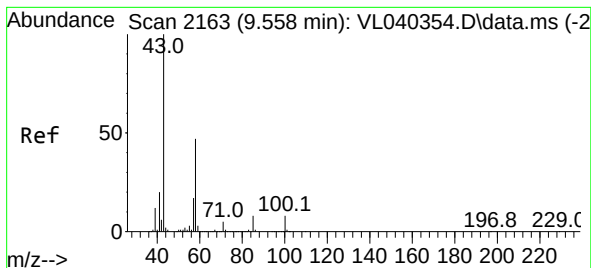
Tgt Ion:173 Resp: 1278538
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.8
171 52.8 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.052 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 43 Resp: 2220839
Ion Ratio Lower Upper
43 100
58 35.8 28.6 43.0





#51

2-Hexanone

Concen: 10.555 ppbv

RT: 9.558 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

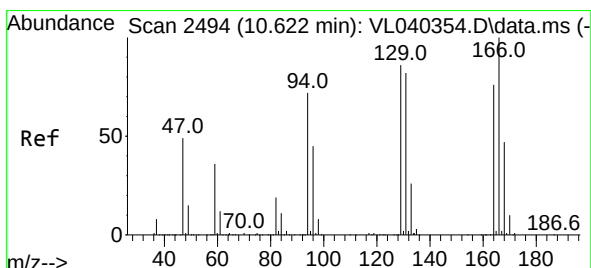
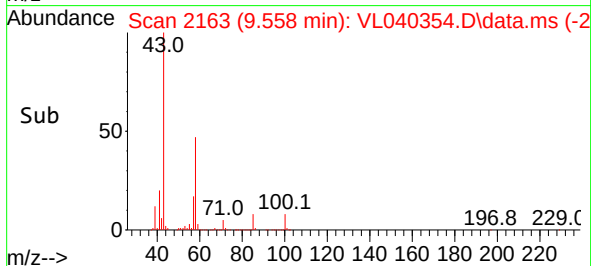
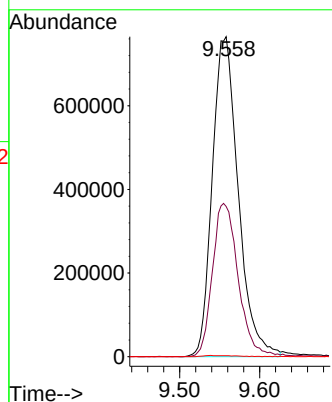
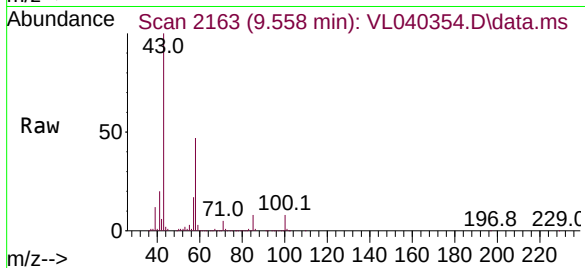
Tgt Ion: 43 Resp: 1723241

Ion Ratio Lower Upper

43 100

58 47.9 38.3 57.5

98 0.5 0.4 0.6



#52

Tetrachloroethene

Concen: 10.518 ppbv

RT: 10.622 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Tgt Ion: 164 Resp: 725349

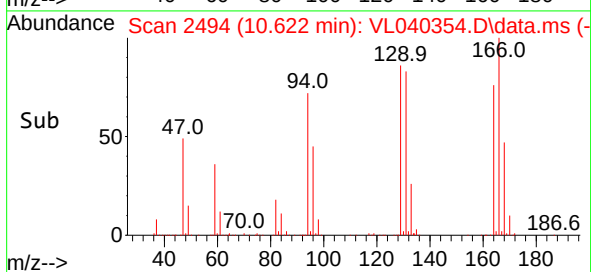
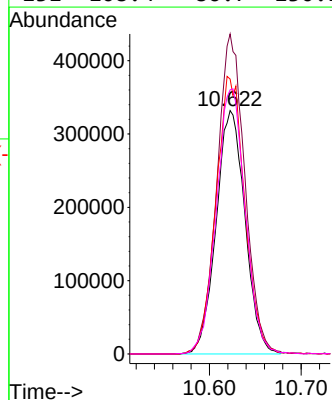
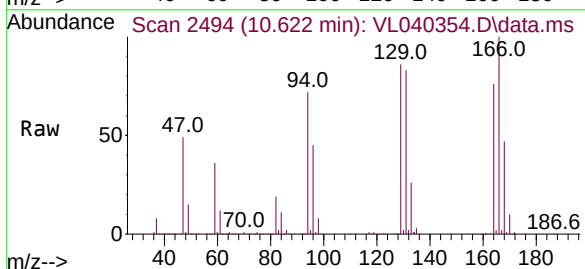
Ion Ratio Lower Upper

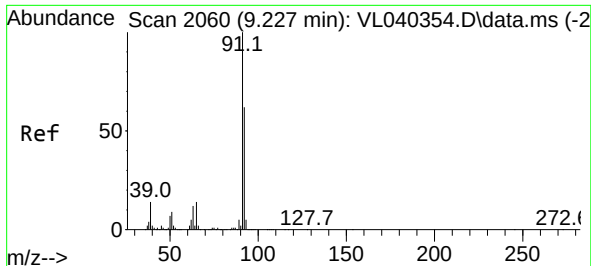
164 100

166 131.5 105.2 157.8

129 112.9 90.3 135.5

131 108.4 86.7 130.1

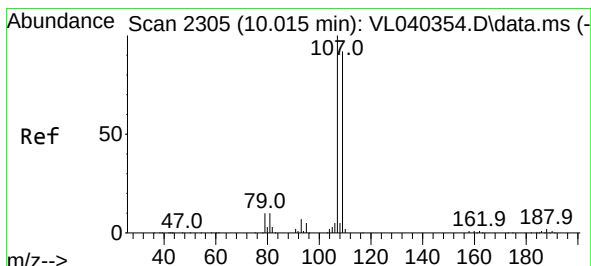
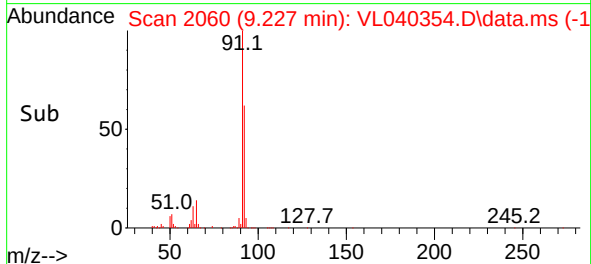
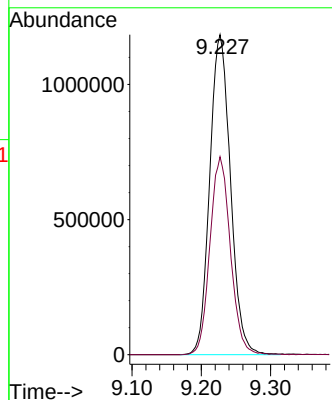
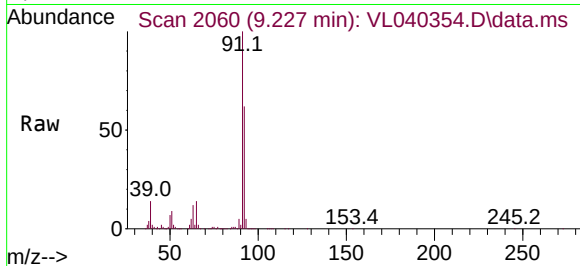




#53
Toluene
Concen: 10.518 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

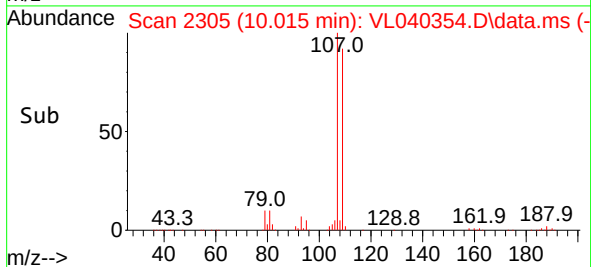
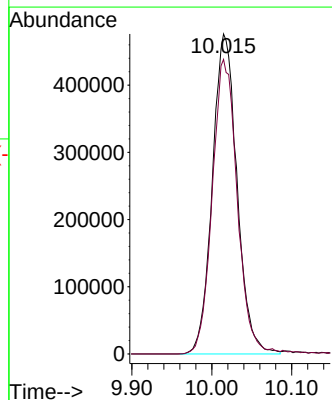
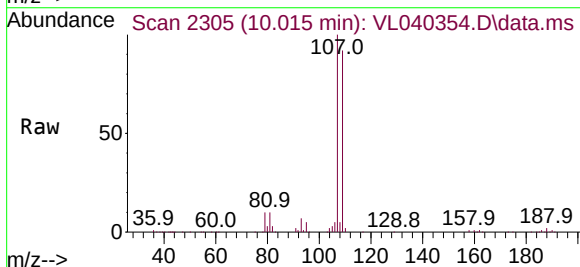
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

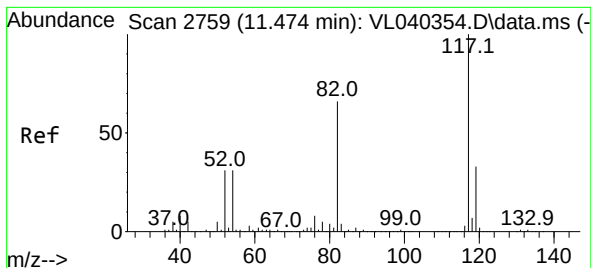
Tgt Ion: 91 Resp: 2458472
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3



#54
1,2-Dibromoethane
Concen: 10.560 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 107 Resp: 1018313
Ion Ratio Lower Upper
107 100
109 92.0 73.6 110.4

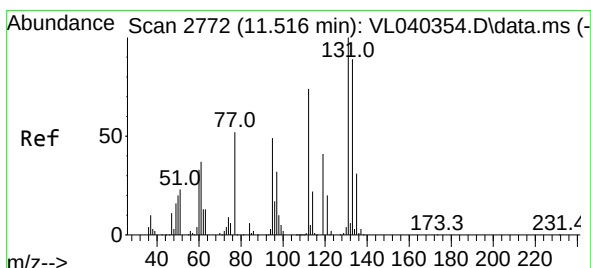
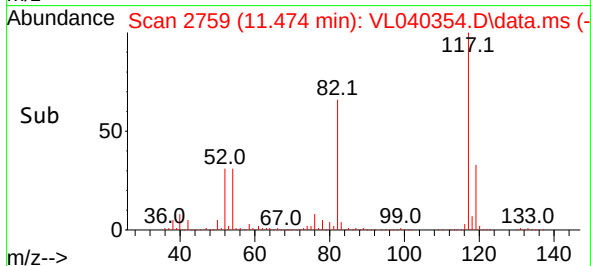
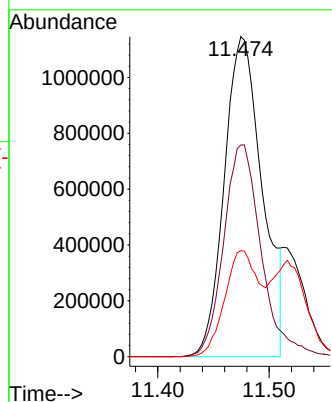
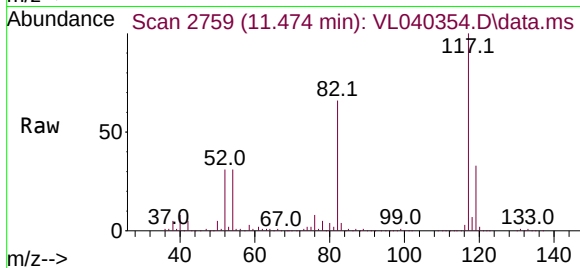




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

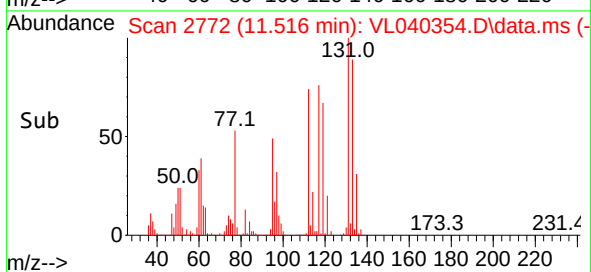
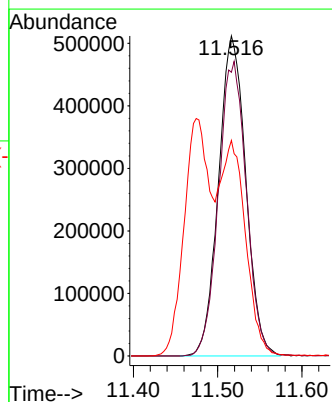
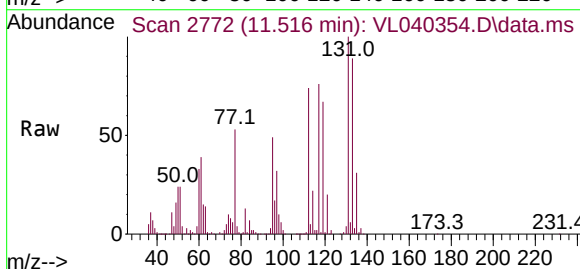
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

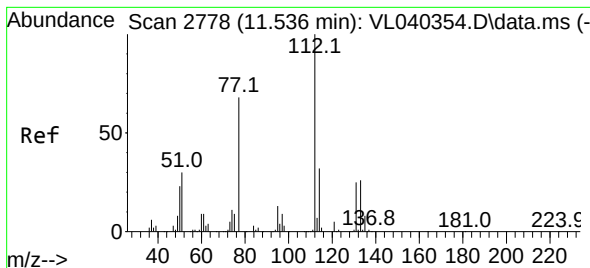
Tgt Ion:117 Resp: 2718620
Ion Ratio Lower Upper
117 100
82 65.6 52.5 78.7
119 30.4 24.3 36.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.258 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion:131 Resp: 1148850
Ion Ratio Lower Upper
131 100
133 94.1 75.3 112.9
119 59.2 53.9 80.9





#57

Chlorobenzene

Concen: 9.103 ppbv

RT: 11.536 min Scan# 2778

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

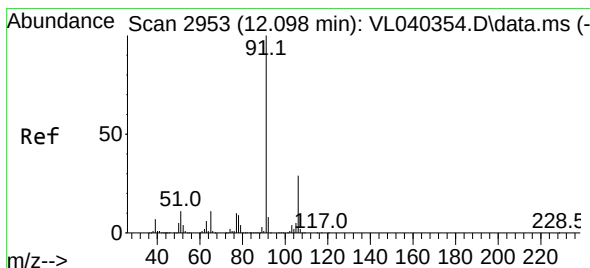
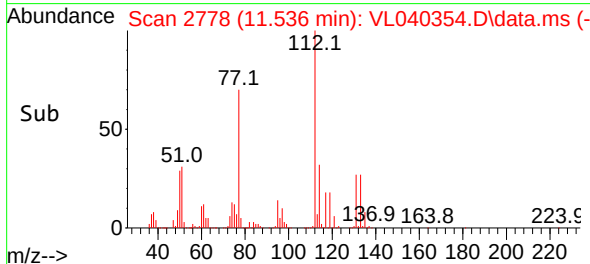
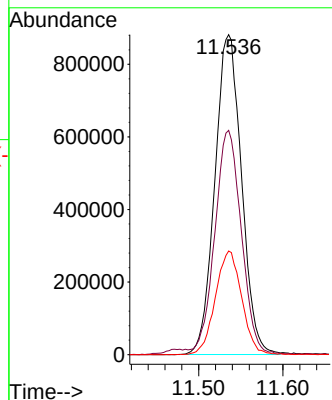
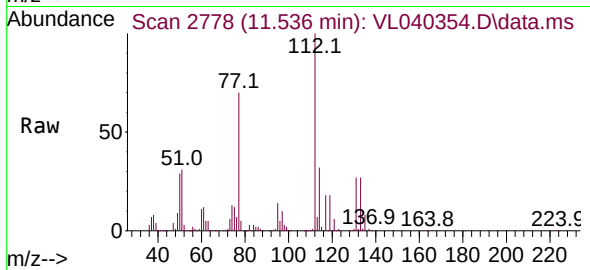
Tgt Ion:112 Resp: 1937665

Ion Ratio Lower Upper

112 100

77 69.8 55.8 83.8

114 32.3 29.1 35.5



#58

Ethyl Benzene

Concen: 10.213 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VL040354.D

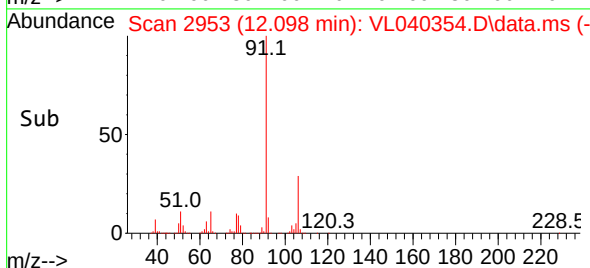
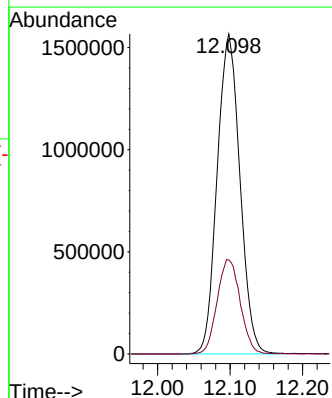
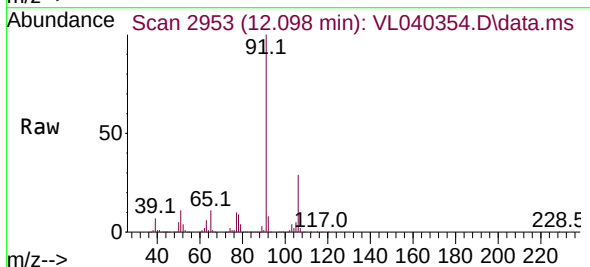
Acq: 13 Apr 2023 10:04

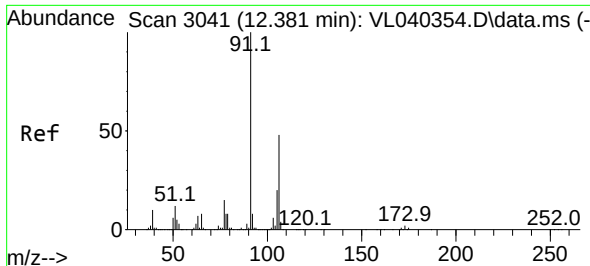
Tgt Ion: 91 Resp: 3415573

Ion Ratio Lower Upper

91 100

106 29.4 23.5 35.3





#59

m/p-Xylene

Concen: 11.129 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

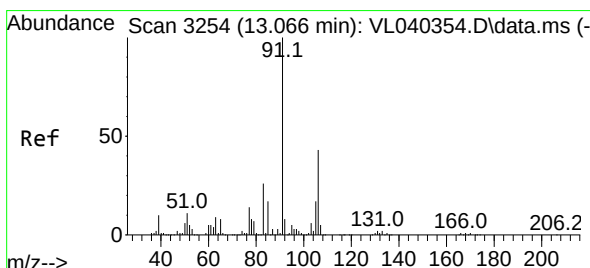
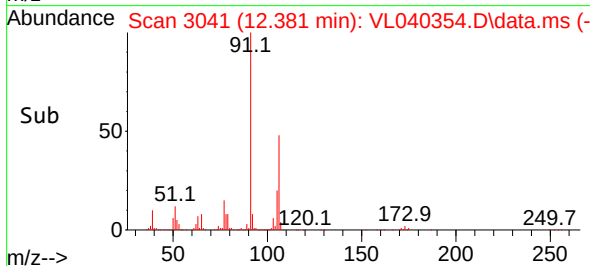
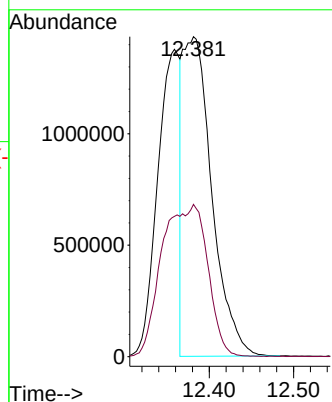
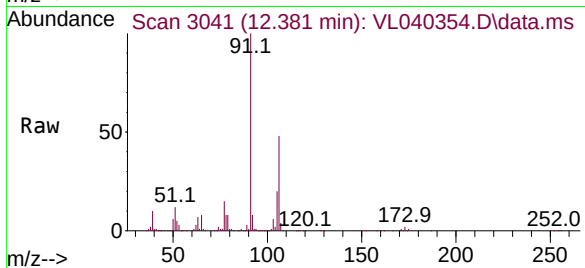
VSTDICCC010

Tgt Ion: 91 Resp: 3422773

Ion Ratio Lower Upper

91 100

106 75.6 34.7 52.1#



#60

o-Xylene

Concen: 9.769 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL040354.D

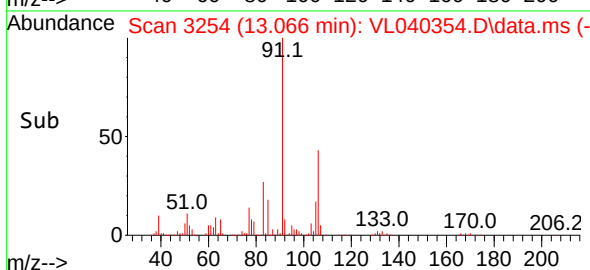
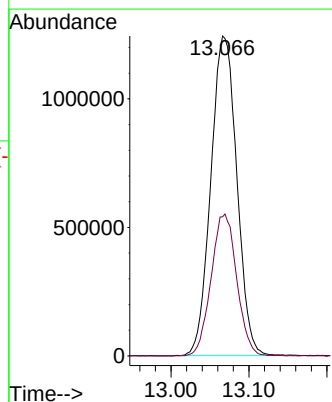
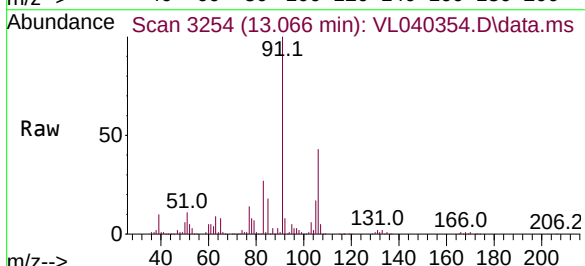
Acq: 13 Apr 2023 10:04

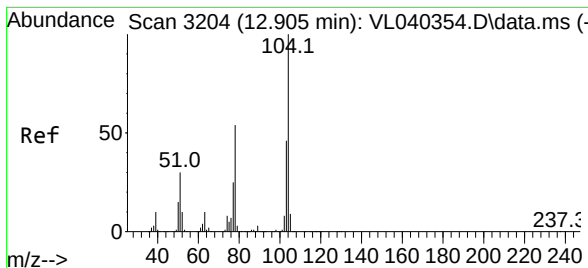
Tgt Ion: 91 Resp: 2883505

Ion Ratio Lower Upper

91 100

106 43.8 21.9 65.8





#61

Styrene

Concen: 11.126 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

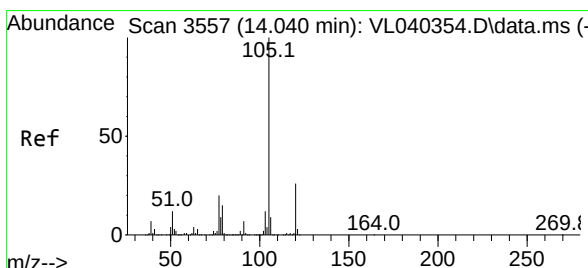
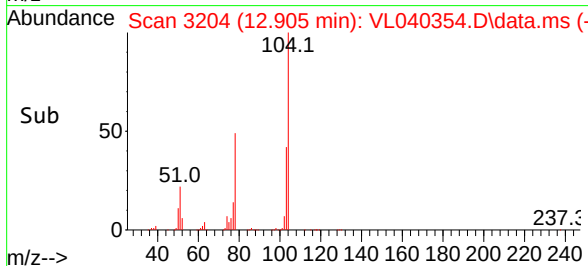
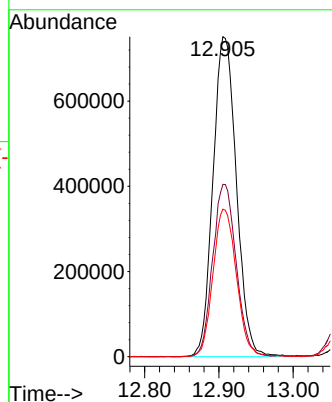
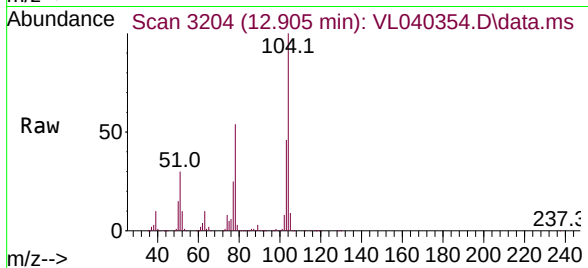
Tgt Ion:104 Resp: 1645032

Ion Ratio Lower Upper

104 100

78 54.2 43.4 65.0

103 46.2 37.0 55.4



#62

Isopropylbenzene

Concen: 9.539 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040354.D

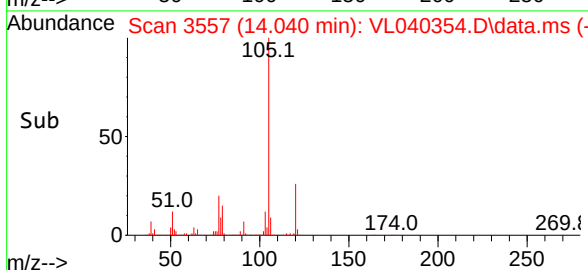
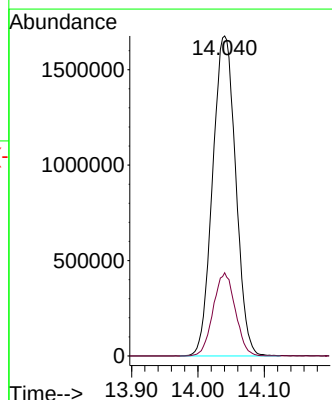
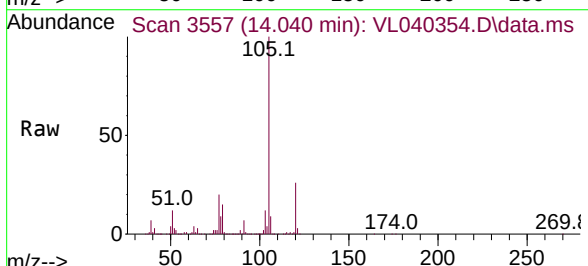
Acq: 13 Apr 2023 10:04

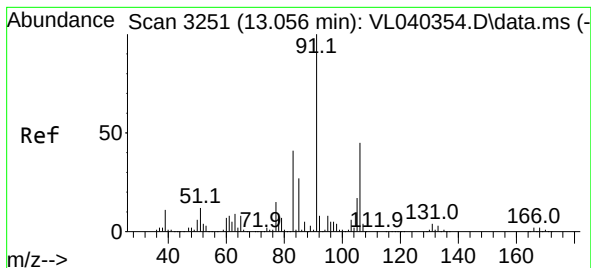
Tgt Ion:105 Resp: 4054599

Ion Ratio Lower Upper

105 100

120 24.9 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 8.370 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

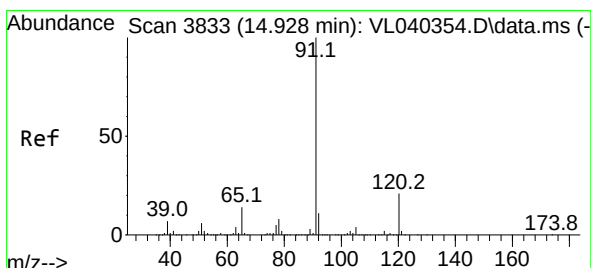
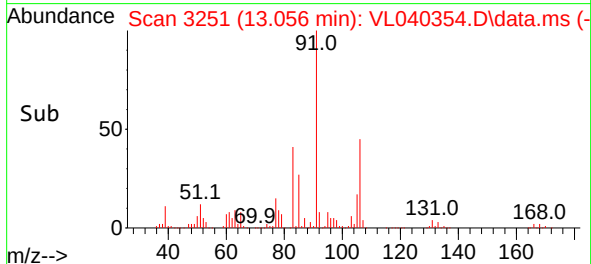
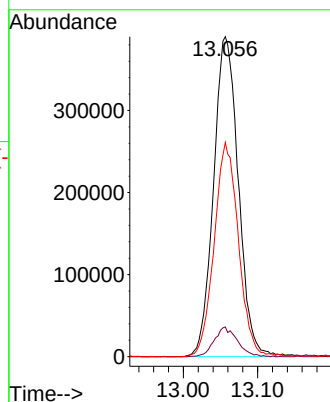
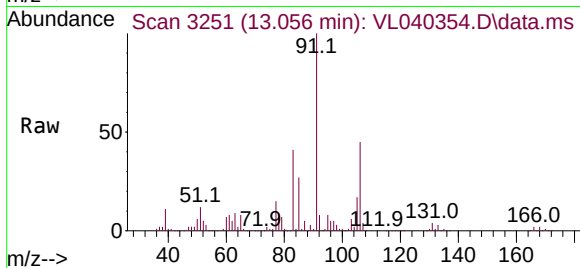
Tgt Ion: 83 Resp: 904100

Ion Ratio Lower Upper

83 100

131 8.7 4.3 13.1

85 65.7 32.9 98.6



#64

n-propylbenzene

Concen: 9.791 ppbv

RT: 14.928 min Scan# 3833

Delta R.T. 0.000 min

Lab File: VL040354.D

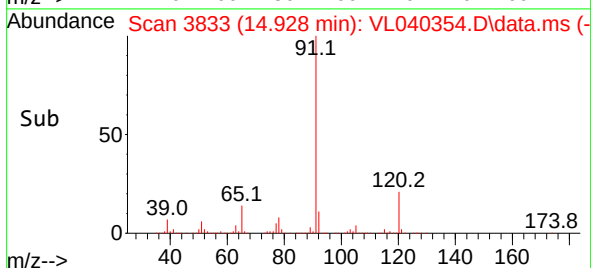
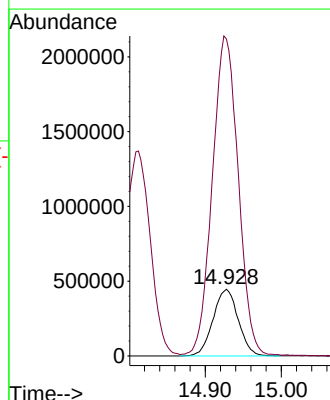
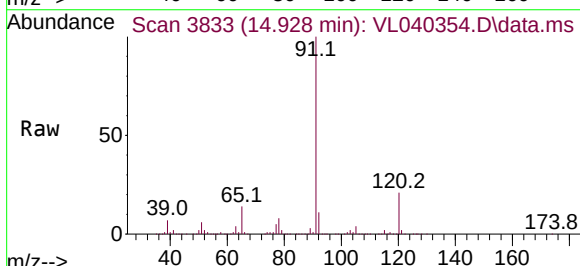
Acq: 13 Apr 2023 10:04

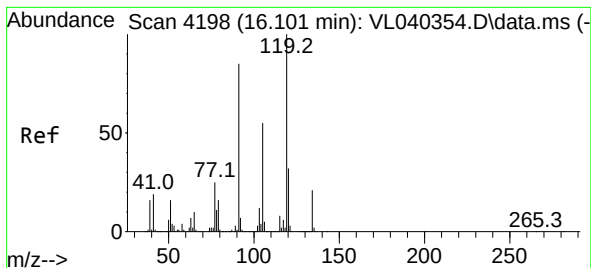
Tgt Ion:120 Resp: 1024022

Ion Ratio Lower Upper

120 100

91 496.0 397.4 596.0

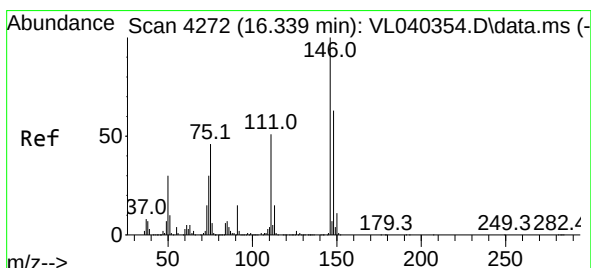
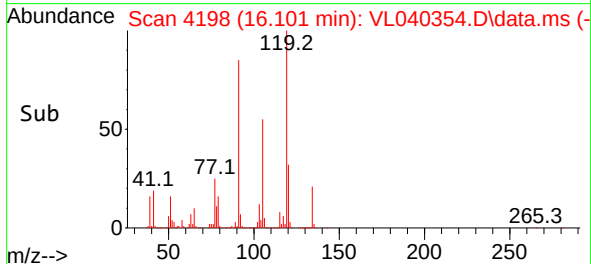
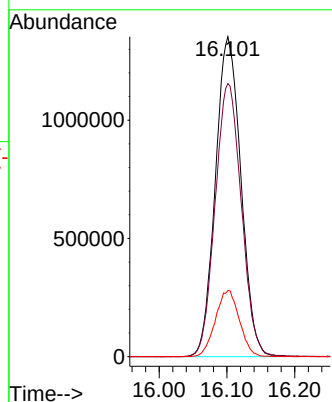
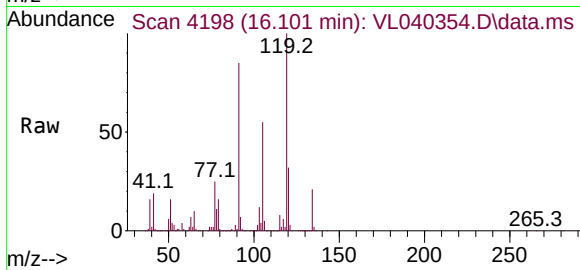




#65
tert-Butylbenzene
Concen: 9.462 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

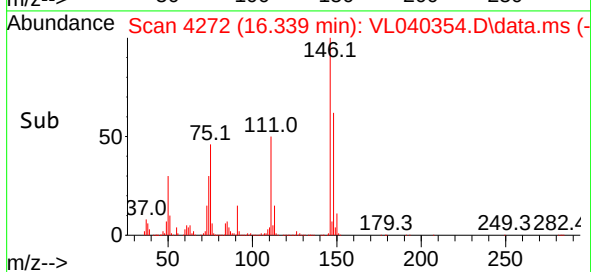
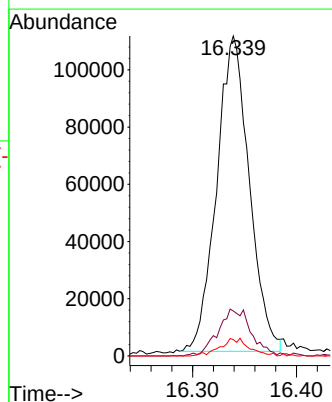
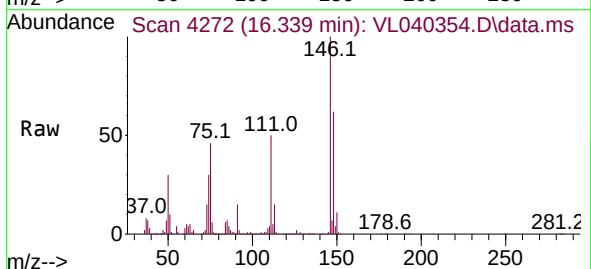
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

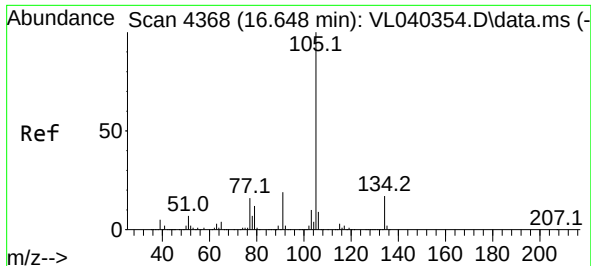
Tgt Ion:119 Resp: 3538630
Ion Ratio Lower Upper
119 100
91 87.7 70.1 105.1
134 19.5 15.6 23.4



#66
Benzyl Chloride
Concen: 10.380 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 91 Resp: 240348
Ion Ratio Lower Upper
91 100
126 15.4 12.3 18.5
128 5.1 4.1 6.1

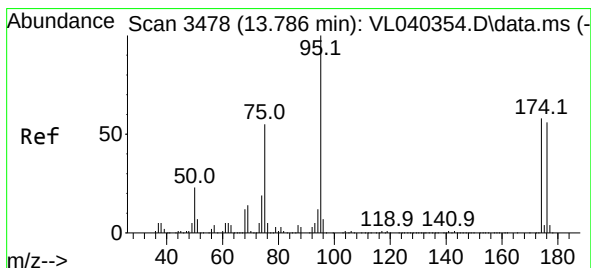
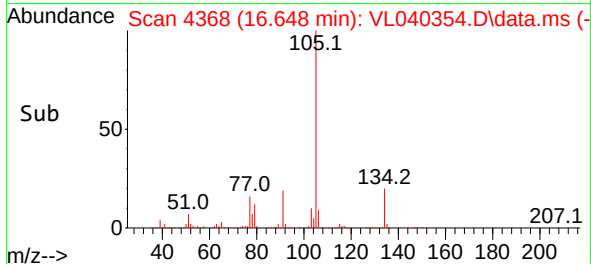
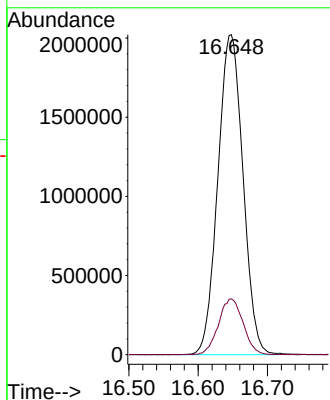
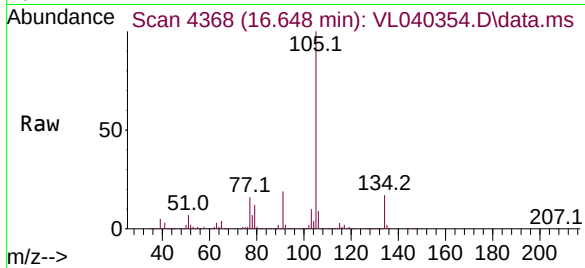




#67
 sec-Butylbenzene
 Concen: 9.481 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

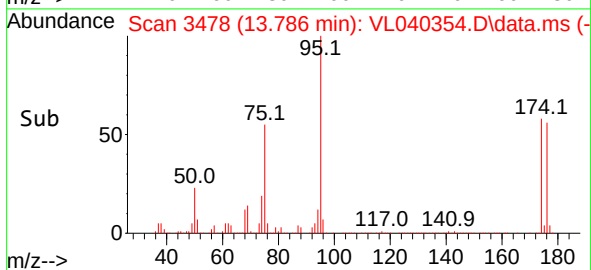
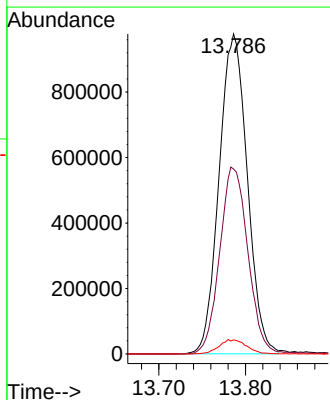
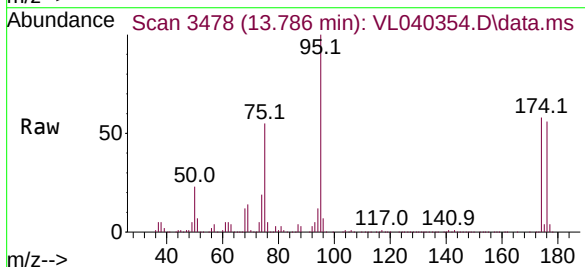
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC010

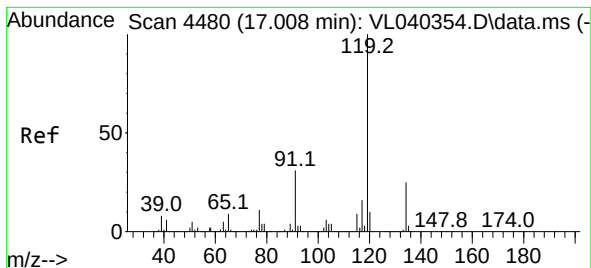
Tgt Ion:105 Resp: 5092973
 Ion Ratio Lower Upper
 105 100
 134 17.2 13.8 20.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.826 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040354.D
 Acq: 13 Apr 2023 10:04

Tgt Ion: 95 Resp: 2208999
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.2 70.8
 175 4.4 3.5 5.3





#69

p-Isopropyltoluene

Concen: 9.641 ppbv

RT: 17.008 min Scan# 4480

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

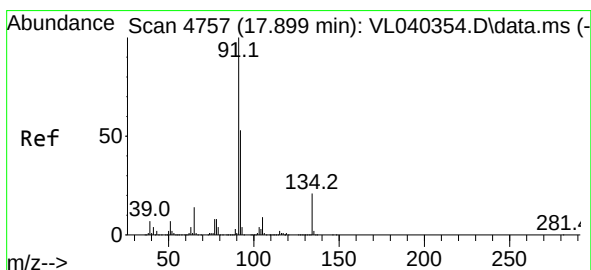
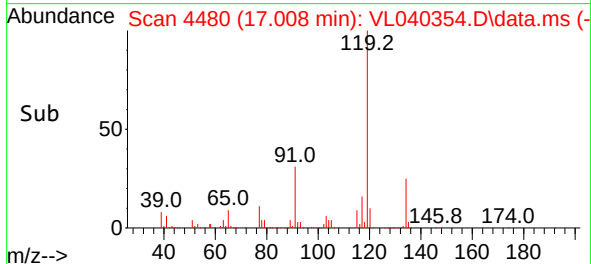
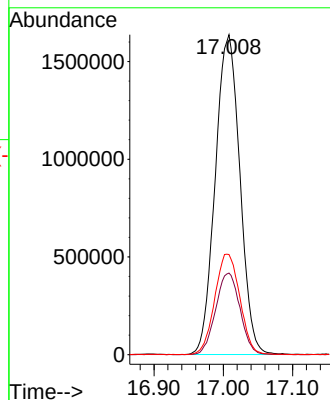
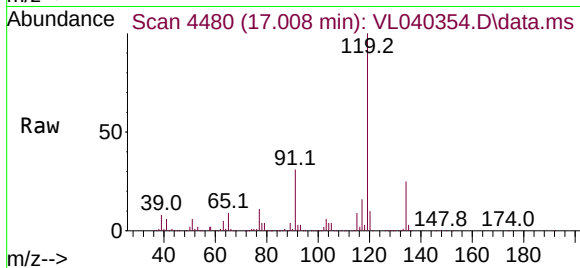
MSVOA_V

ClientSampleId :

VSTDICCC010

Tgt Ion:119 Resp: 4043897

Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.2	30.4
91	32.0	25.7	38.5



#70

n-Butylbenzene

Concen: 9.573 ppbv

RT: 17.899 min Scan# 4757

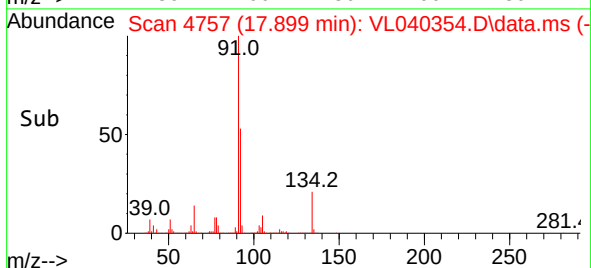
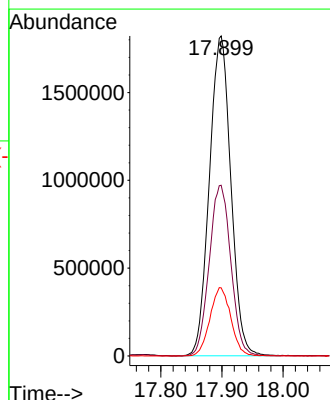
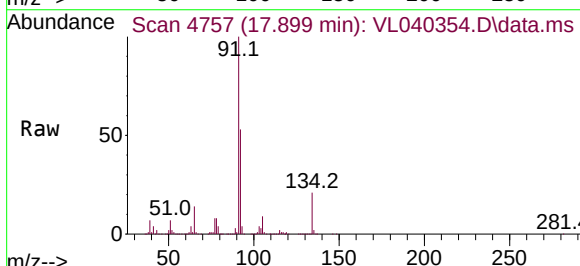
Delta R.T. 0.000 min

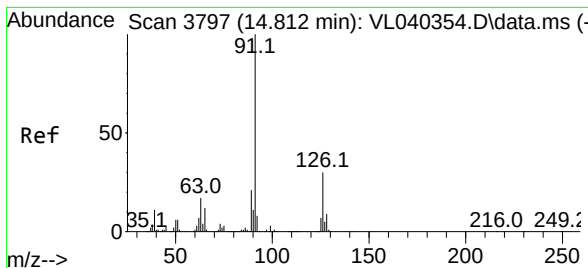
Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Tgt Ion: 91 Resp: 4451327

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.0	64.4
134	20.8	16.6	25.0

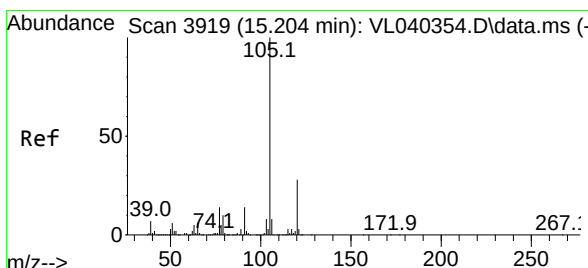
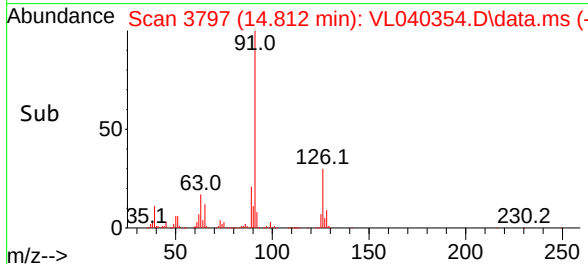
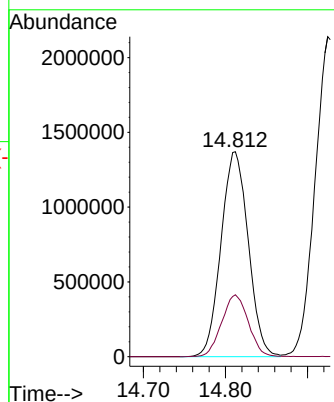
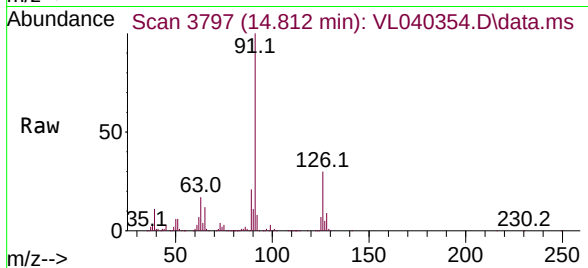




#71
2-Chlorotoluene
Concen: 9.696 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

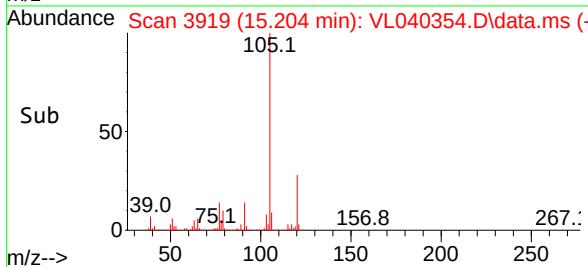
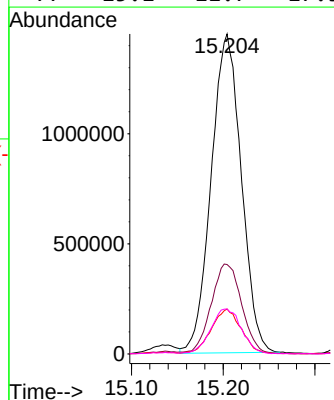
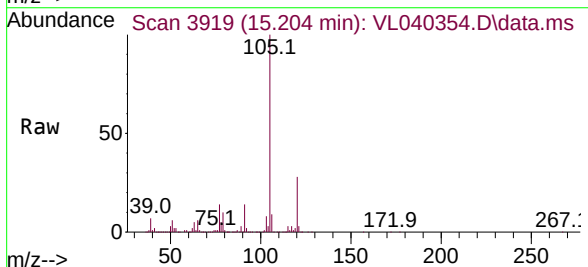
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

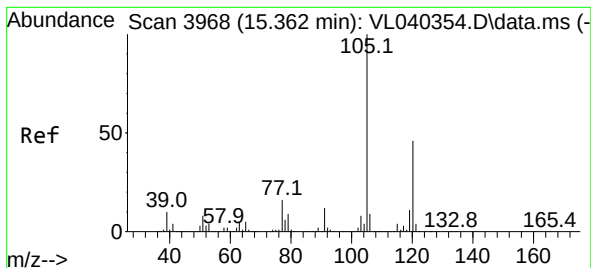
Tgt Ion: 91 Resp: 3164041
Ion Ratio Lower Upper
91 100
126 29.6 11.8 47.4



#72
4-Ethyltoluene
Concen: 10.127 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion: 105 Resp: 3299644
Ion Ratio Lower Upper
105 100
120 29.5 23.0 34.6
91 14.6 11.3 16.9
77 15.1 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.809 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

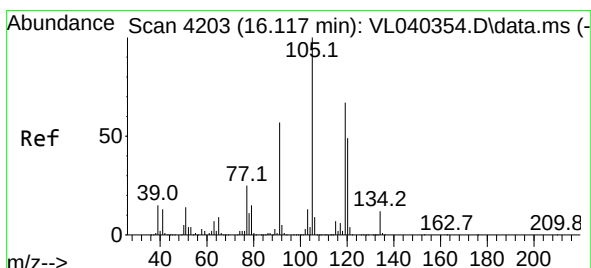
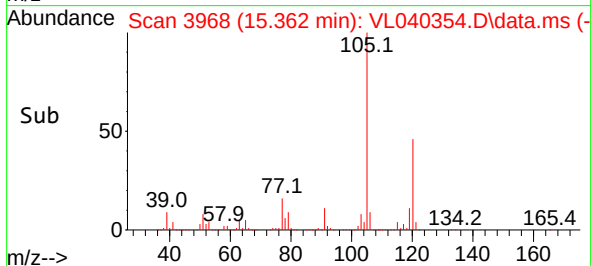
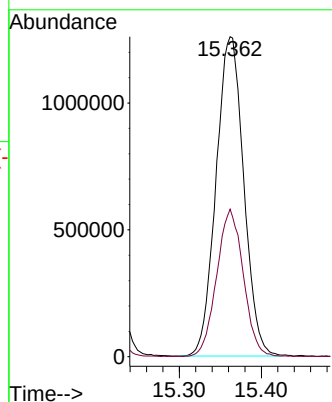
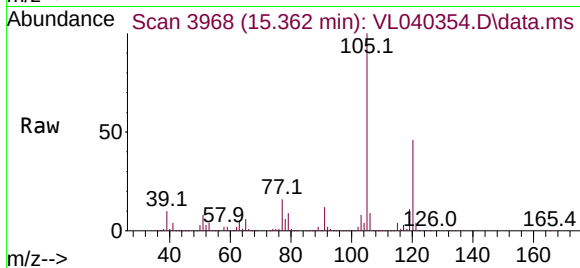
VSTDICCC010

Tgt Ion:105 Resp: 2952437

Ion Ratio Lower Upper

105 100

120 46.1 36.9 55.3



#74

1,2,4-Trimethylbenzene

Concen: 9.438 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Tgt Ion:105 Resp: 3246882

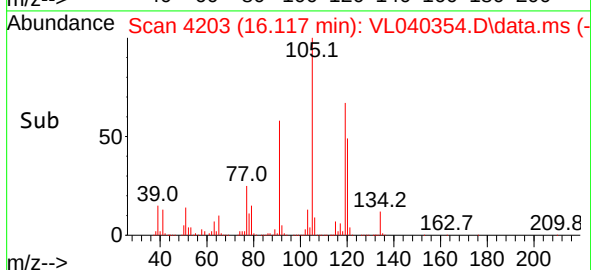
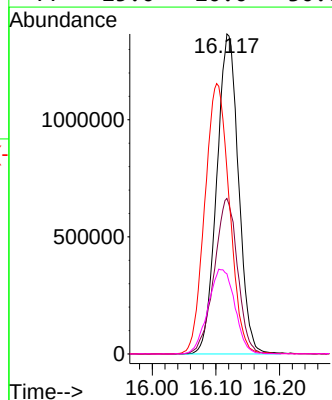
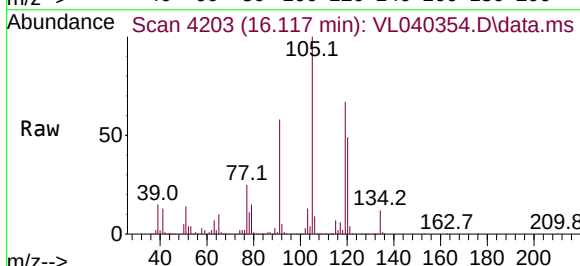
Ion Ratio Lower Upper

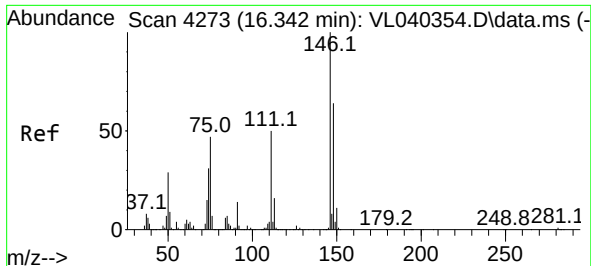
105 100

120 48.6 38.9 58.3

91 57.5 46.0 69.0

77 25.0 20.0 30.0





#75

1,3-Dichlorobenzene

Concen: 9.388 ppbv

RT: 16.342 min Scan# 4273

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

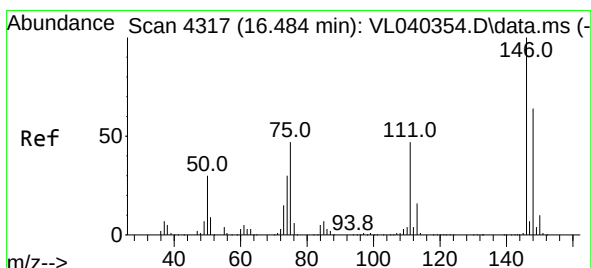
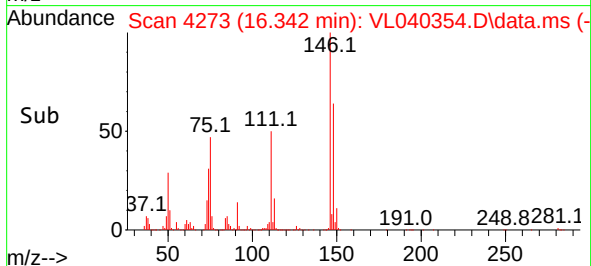
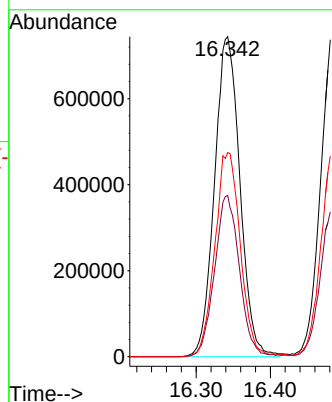
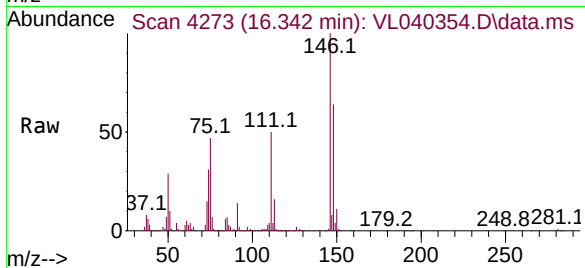
Tgt Ion:146 Resp: 1769024

Ion Ratio Lower Upper

146 100

111 49.5 24.6 74.0

148 63.9 32.1 96.3



#76

1,4-Dichlorobenzene

Concen: 9.409 ppbv

RT: 16.484 min Scan# 4317

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

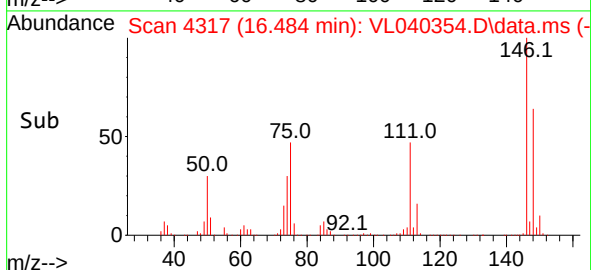
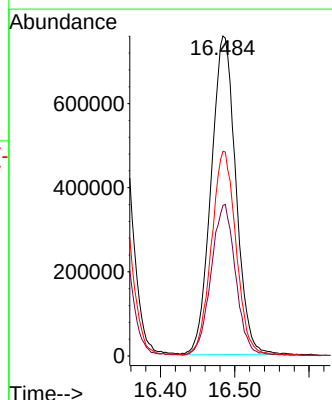
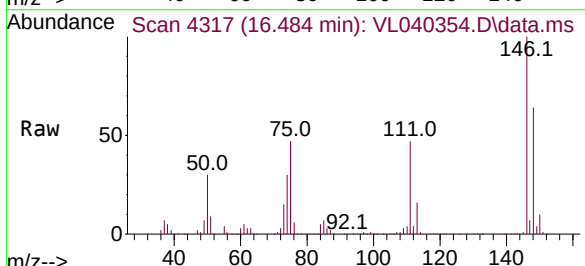
Tgt Ion:146 Resp: 1751631

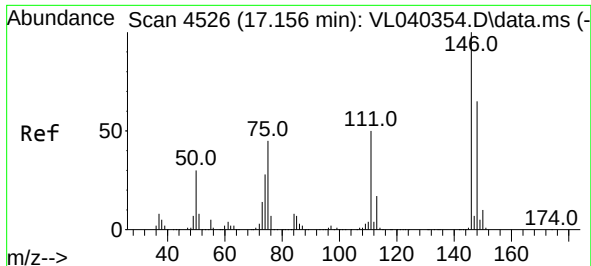
Ion Ratio Lower Upper

146 100

111 48.1 23.8 71.4

148 64.5 32.4 97.2

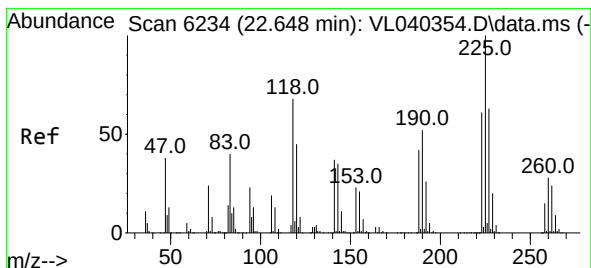
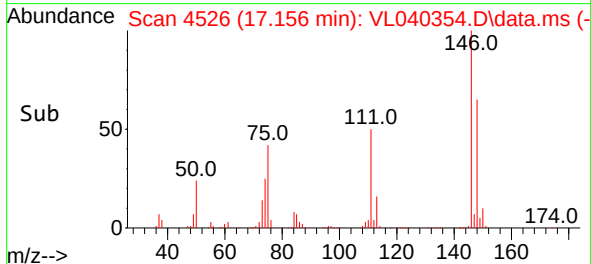
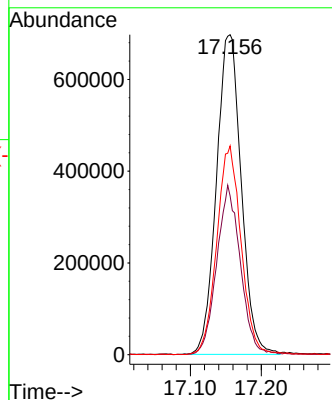
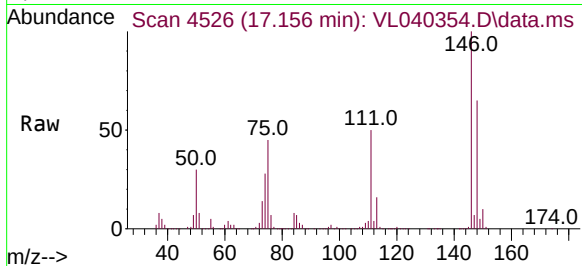




#77
1,2-Dichlorobenzene
Concen: 9.091 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

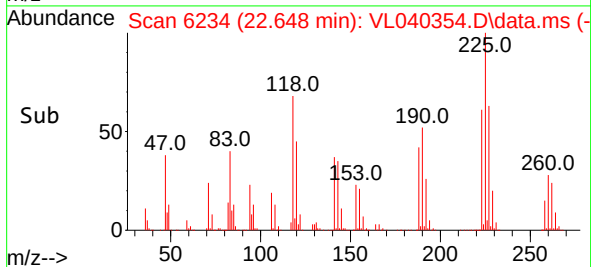
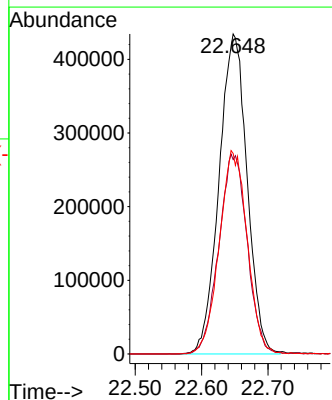
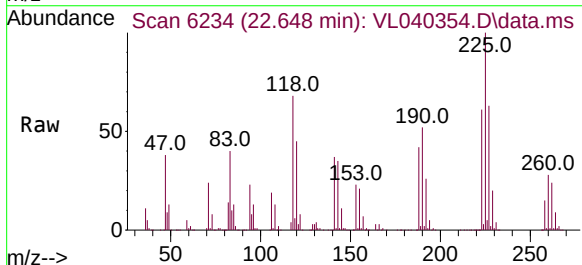
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC010

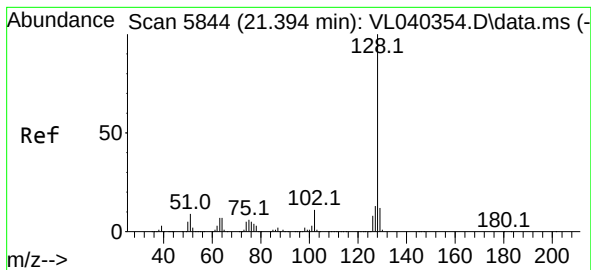
Tgt Ion:146 Resp: 1693787
Ion Ratio Lower Upper
146 100
111 50.5 25.4 76.0
148 64.2 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.538 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.000 min
Lab File: VL040354.D
Acq: 13 Apr 2023 10:04

Tgt Ion:225 Resp: 1275349
Ion Ratio Lower Upper
225 100
223 63.5 50.7 76.1
227 63.7 51.0 76.4





#79

Naphthalene

Concen: 11.727 ppbv

RT: 21.394 min Scan# 5844

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010

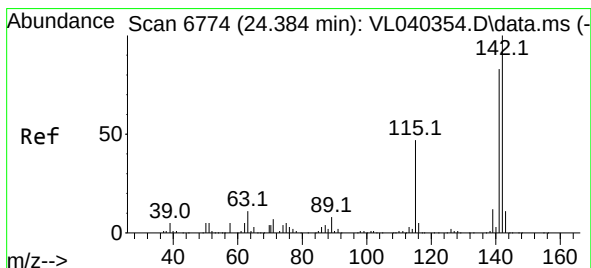
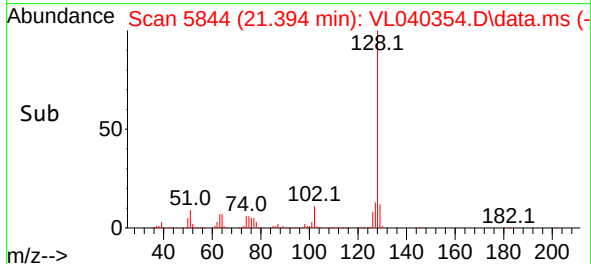
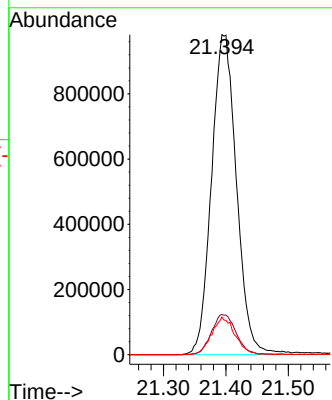
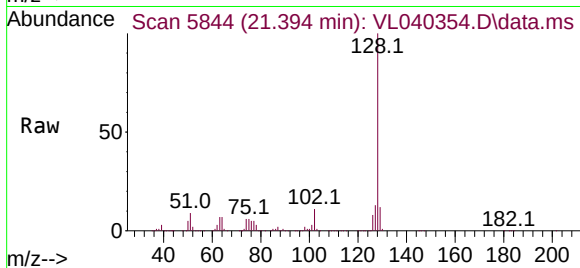
Tgt Ion:128 Resp: 2723231

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 11.7 9.4 14.0



#80

Naphthalene, 2-methyl-

Concen: 12.047 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. 0.000 min

Lab File: VL040354.D

Acq: 13 Apr 2023 10:04

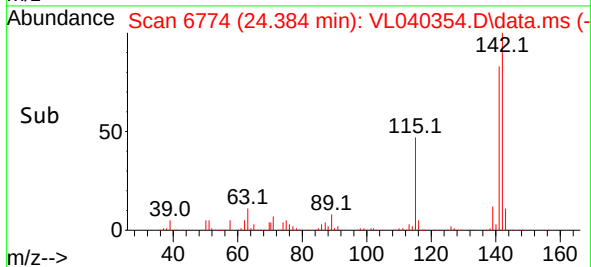
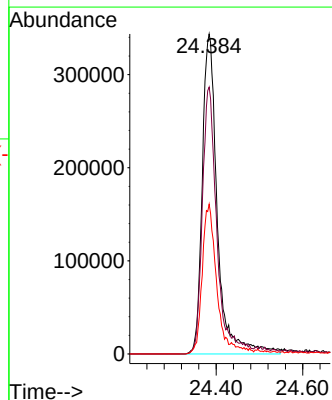
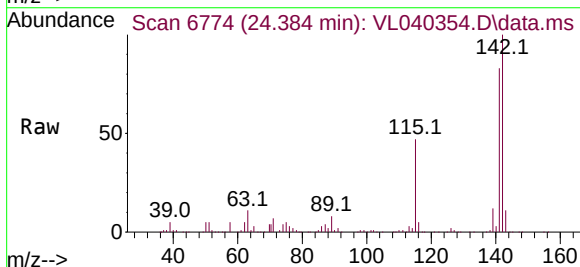
Tgt Ion:142 Resp: 832738

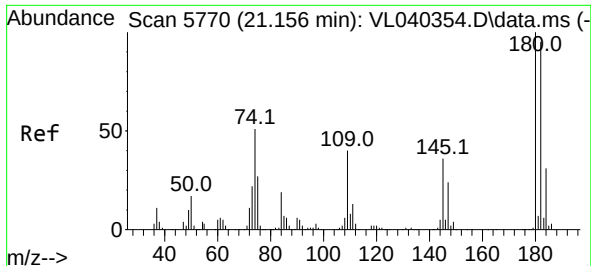
Ion Ratio Lower Upper

142 100

141 83.0 65.1 97.7

115 47.1 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 9.778 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040354.D

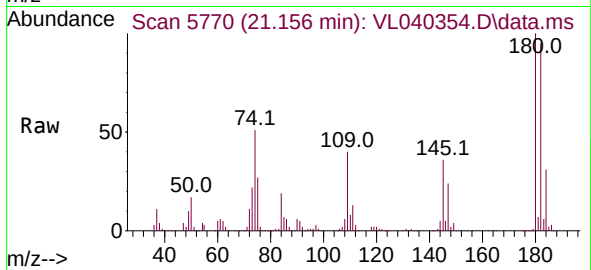
Acq: 13 Apr 2023 10:04

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1395318

Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

184 30.5 24.2 36.2

