

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040809.D
 Acq On : 8 Nov 2023 13:08
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Nov 09 00:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1113451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2795787	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2601266	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	1898650	9.919	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.771	85	2218077	11.312	ppbv 98
3) Chlorodifluoromethane	2.716	51	1760354	10.758	ppbv 96
4) Chloromethane	2.854	50	656017	10.153	ppbv 99
5) Vinyl Chloride	2.960	62	671805	10.062	ppbv 99
6) Bromomethane	3.156	94	292189	10.579	ppbv 94
7) Chloroethane	3.230	64	236856	10.898	ppbv 92
8) Dichlorotetrafluoroethane	2.896	85	1626979	10.946	ppbv 100
9) Propene	2.735	41	606724	9.982	ppbv 99
10) Heptane	7.587	43	1545528	10.122	ppbv 99
11) Trichlorofluoromethane	3.594	101	1731676	11.443	ppbv 100
12) 1,1,2-Trichlorotrifluo...	4.092	101	1182253	10.953	ppbv 100
13) Ethanol	3.279	45	127023	9.258	ppbv 98
14) Bromoethene	3.401	108	517733	11.200	ppbv 98
15) Acetone	3.500	43	1193245	10.366	ppbv 98
16) 1,3-Butadiene	3.021	39	645792	10.694	ppbv 97
17) tert-Butyl alcohol	3.906	59	1036735	8.784	ppbv 99
18) 1,1-Dichloroethene	3.909	96	518850	10.725	ppbv 93
19) Isopropyl Alcohol	3.607	45	749330	10.113	ppbv # 40
20) Methylene Chloride	3.960	84	432056	9.011	ppbv 99
21) Allyl Chloride	4.021	41	803174	10.580	ppbv 95
22) trans-1,2-Dichloroethene	4.468	96	570651	11.083	ppbv 95
23) Vinyl Acetate	4.648	43	1709288	11.652	ppbv # 99
24) 1,1-Dichloroethane	4.587	63	1228819	11.106	ppbv 99
25) Ethyl Acetate	5.221	43	2592919	10.281	ppbv 99
26) Hexane	5.227	57	1127679	9.783	ppbv 98
27) Carbon Disulfide	4.150	76	1393705	10.958	ppbv 98
28) Methyl tert-Butyl Ether	4.610	73	981595	10.951	ppbv 98
29) Chloroform	5.291	83	1886046	11.308	ppbv 99
30) Cyclohexane	6.610	84	971212	9.901	ppbv 98
31) cis-1,2-Dichloroethene	5.098	61	1180138	11.110	ppbv 99
32) 1,1,1-Trichloroethane	6.015	97	1876999	10.574	ppbv 98
34) 2-Butanone	4.806	43	1625122	12.842	ppbv 98
35) Carbon Tetrachloride	6.507	117	2004735	12.775	ppbv 95
36) Benzene	6.381	78	2425157	11.277	ppbv 98
37) 1,2-Dichloroethane	5.822	62	1458300	13.241	ppbv 98
38) Trichloroethene	7.298	130	935098	9.826	ppbv 97
39) 1,2-Dichloropropane	7.082	63	945400	11.253	ppbv 94
40) 1,4-Dioxane	7.291	88	386611	12.160	ppbv # 95
41) Tetrahydrofuran	5.571	42	1003268	11.448	ppbv 99
42) Bromodichloromethane	7.256	83	2113288	12.809	ppbv 98
43) Methyl Methacrylate	7.481	69	1004373	11.668	ppbv 99
44) 2,2,4-Trimethylpentane	7.333	57	3946269	10.852	ppbv 98
45) t-1,3-Dichloropropene	8.716	75	892161	12.997	ppbv 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040809.D
 Acq On : 8 Nov 2023 13:08
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

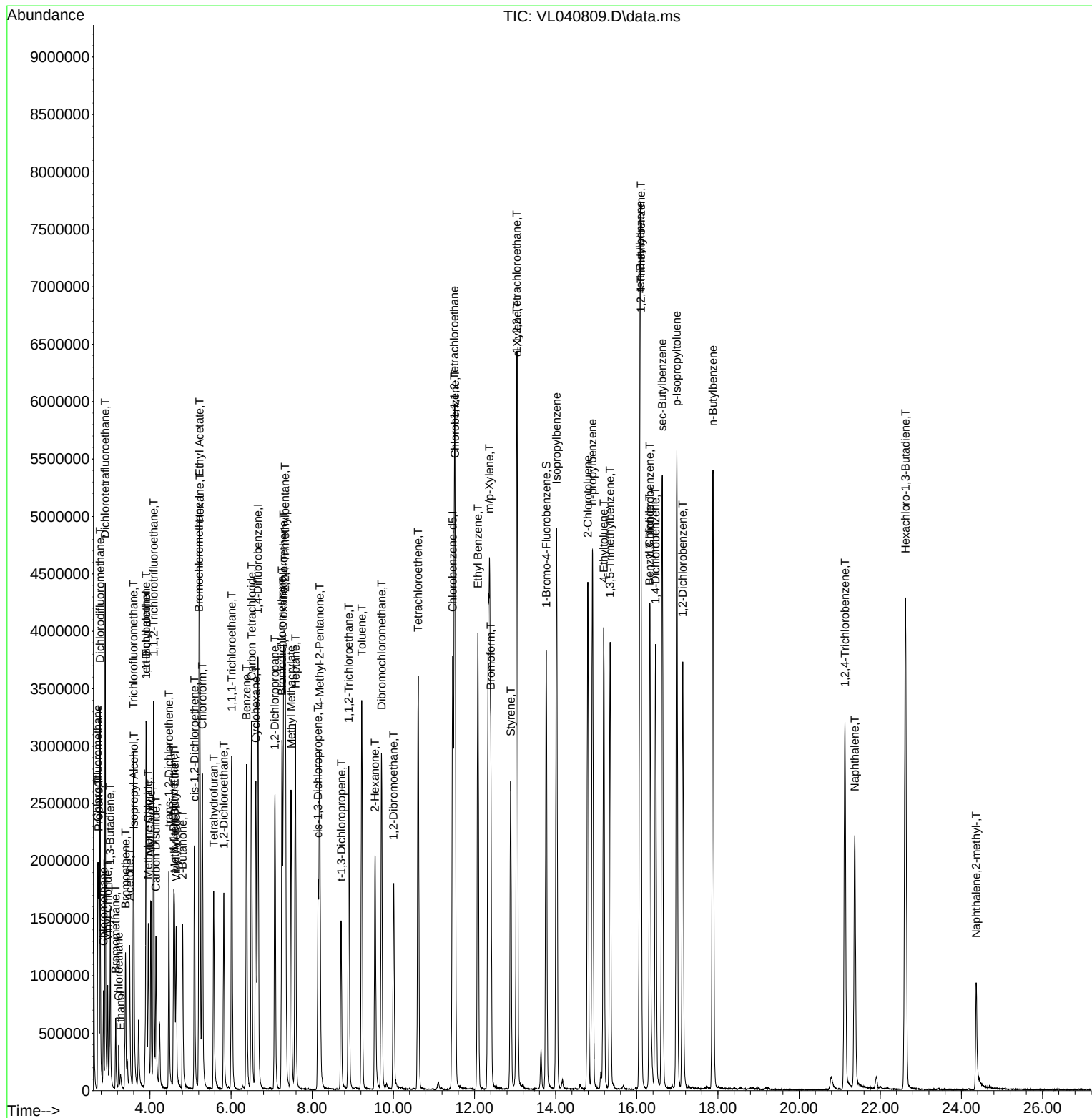
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

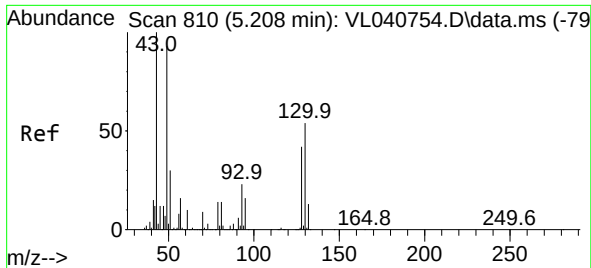
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1044316	12.453	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	1021268	11.572	ppbv	99
48) Dibromochloromethane	9.709	129	1819482	12.302	ppbv	100
49) Bromoform	12.400	173	1467402	12.206	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2534657	11.708	ppbv	98
51) 2-Hexanone	9.548	43	1913344	11.613	ppbv #	98
52) Tetrachloroethene	10.613	164	849190	9.722	ppbv	93
53) Toluene	9.220	91	2801836	10.948	ppbv	98
54) 1,2-Dibromoethane	10.005	107	1518752	12.276	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.503	131	1282068	12.076	ppbv	96
57) Chlorobenzene	11.523	112	2151331	11.543	ppbv	98
58) Ethyl Benzene	12.082	91	3797556	11.595	ppbv	95
59) m/p-Xylene	12.368	91	3386720	12.564	ppbv #	45
60) o-Xylene	13.053	91	3055878	11.898	ppbv	97
61) Styrene	12.892	104	1650886	11.601	ppbv	97
62) Isopropylbenzene	14.021	105	4442367	11.243	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.040	83	2207334	11.463	ppbv	100
64) n-propylbenzene	14.908	120	1187033	11.183	ppbv	86
65) tert-Butylbenzene	16.082	119	3928670	11.024	ppbv	95
66) Benzyl Chloride	16.317	91	183289	5.105	ppbv #	64
67) sec-Butylbenzene	16.628	105	5538520	11.351	ppbv	97
69) p-Isopropyltoluene	16.985	119	4565139	11.165	ppbv	98
70) n-Butylbenzene	17.876	91	4842476	12.061	ppbv	98
71) 2-Chlorotoluene	14.793	91	3505645	11.811	ppbv	97
72) 4-Ethyltoluene	15.185	105	3551418	11.807	ppbv	98
73) 1,3,5-Trimethylbenzene	15.342	105	3070580	11.595	ppbv	94
74) 1,2,4-Trimethylbenzene	16.101	105	3357662	11.605	ppbv	98
75) 1,3-Dichlorobenzene	16.320	146	1990017	11.059	ppbv	98
76) 1,4-Dichlorobenzene	16.461	146	1960481	11.001	ppbv	97
77) 1,2-Dichlorobenzene	17.133	146	1922022	10.886	ppbv	97
78) Hexachloro-1,3-Butadiene	22.622	225	1190402	9.423	ppbv	99
79) Naphthalene	21.371	128	2839888	12.075	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	734925	11.136	ppbv #	96
81) 1,2,4-Trichlorobenzene	21.133	180	1410025	11.043	ppbv	99

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Nov 09 00:25:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
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QLast Update : Thu Nov 09 00:25:02 2023
Response via : Initial Calibration

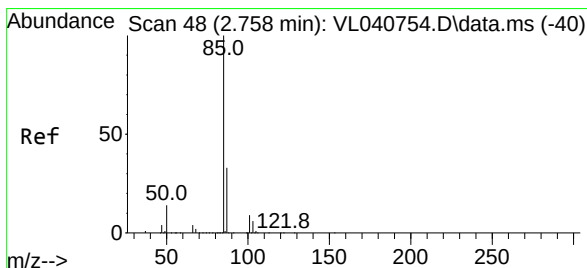
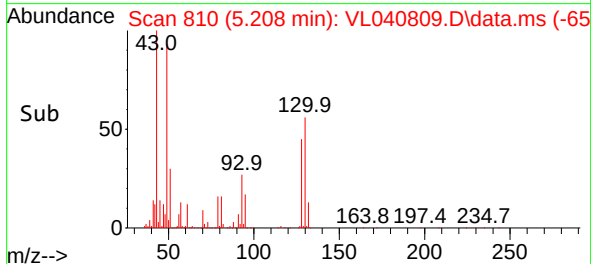
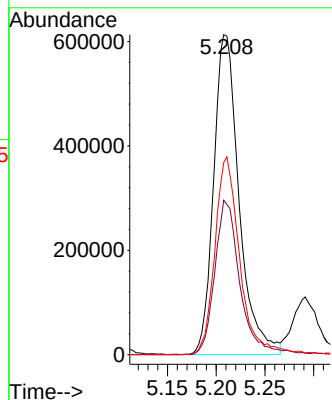
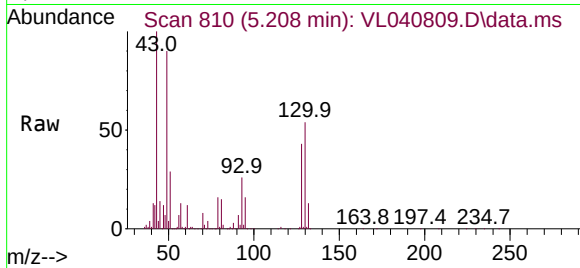




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

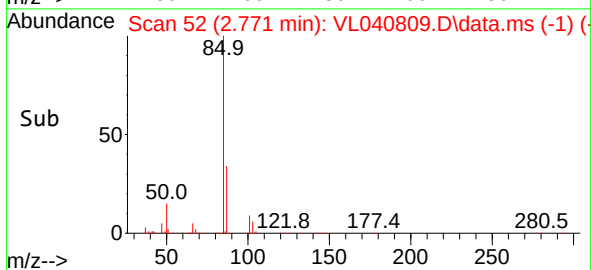
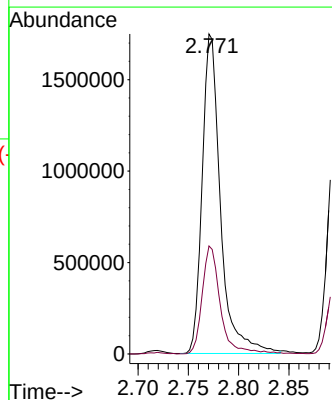
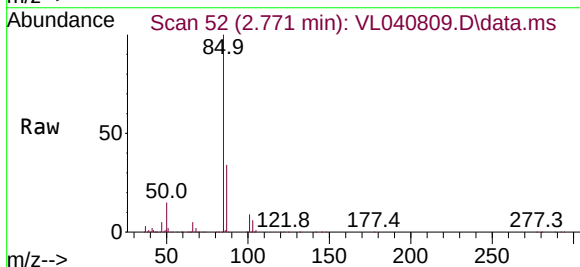
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ClientSampleId :
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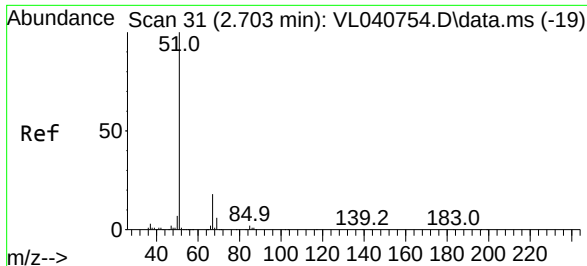
Tgt Ion: 49 Resp: 1113451
Ion Ratio Lower Upper
49 100
128 47.9 23.9 71.7
130 61.3 30.7 92.1



#2
Dichlorodifluoromethane
Concen: 11.312 ppbv
RT: 2.771 min Scan# 52
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 85 Resp: 2218077
Ion Ratio Lower Upper
85 100
87 33.7 26.0 39.0

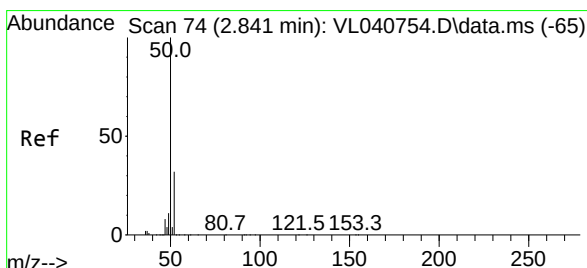
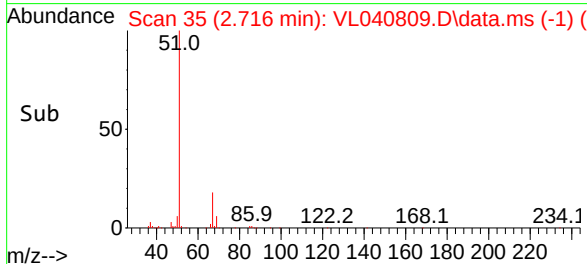
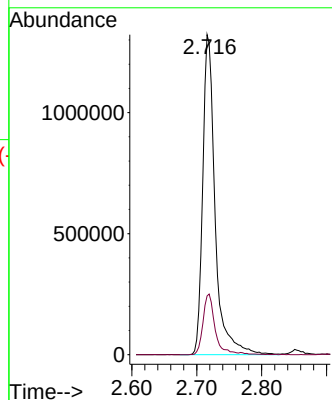
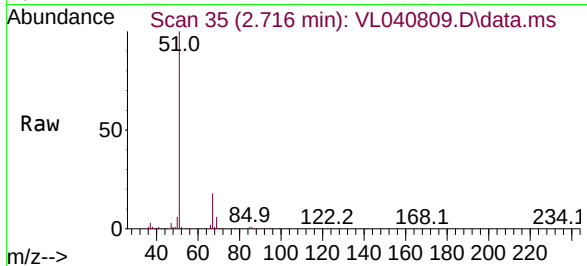




#3
Chlorodifluoromethane
Concen: 10.758 ppbv
RT: 2.716 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

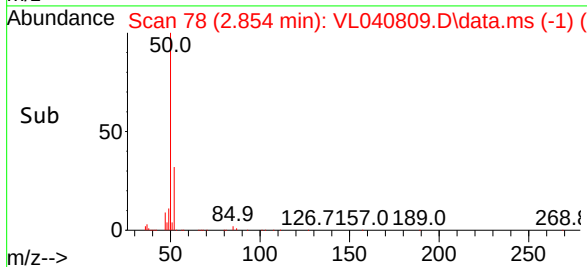
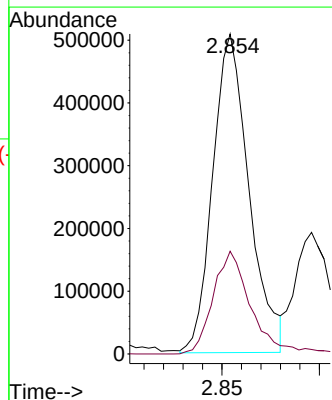
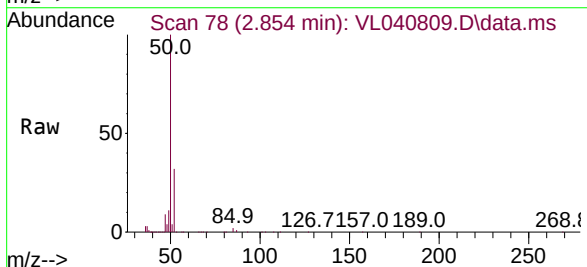
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

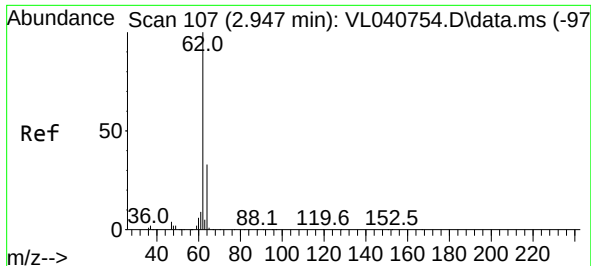
Tgt Ion: 51 Resp: 1760354
Ion Ratio Lower Upper
51 100
67 18.8 13.8 20.6



#4
Chloromethane
Concen: 10.153 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 50 Resp: 656017
Ion Ratio Lower Upper
50 100
52 32.3 25.3 37.9

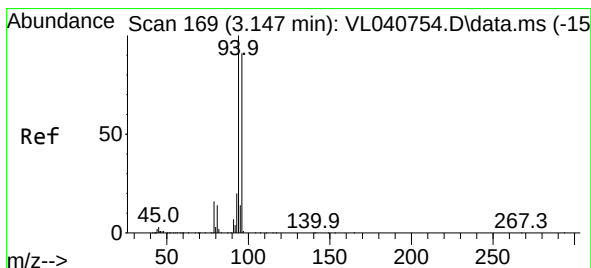
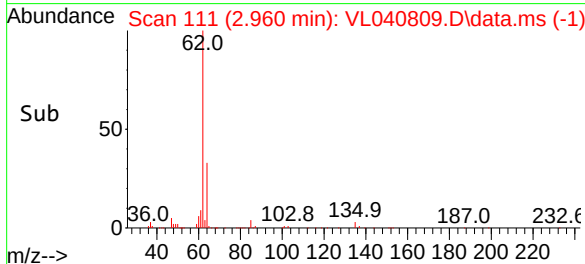
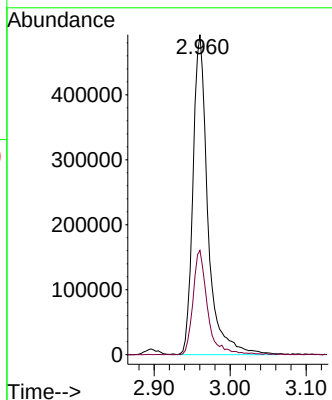
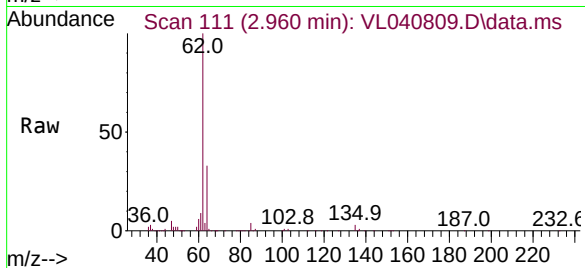




#5
 Vinyl Chloride
 Concen: 10.062 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

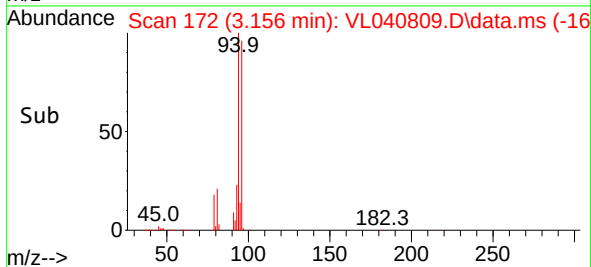
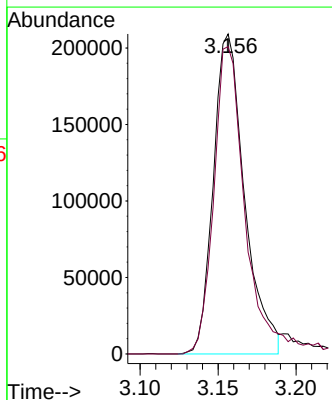
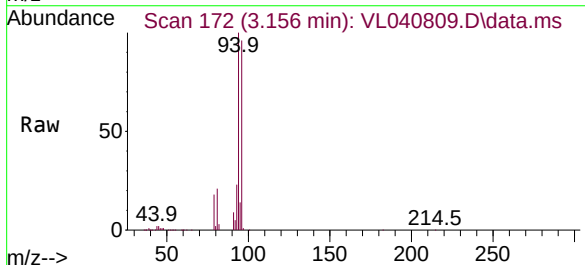
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 ClientSampleId :
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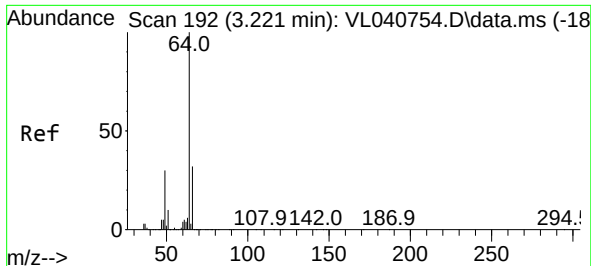
Tgt Ion: 62 Resp: 671805
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.6 39.8



#6
 Bromomethane
 Concen: 10.579 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

Tgt Ion: 94 Resp: 292189
 Ion Ratio Lower Upper
 94 100
 96 96.1 72.6 109.0

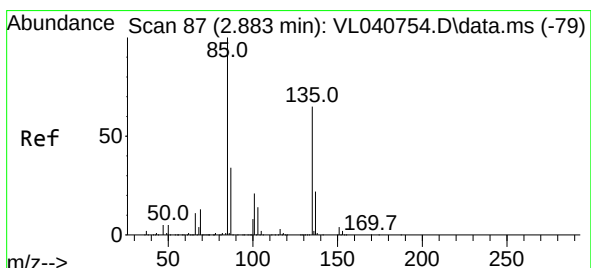
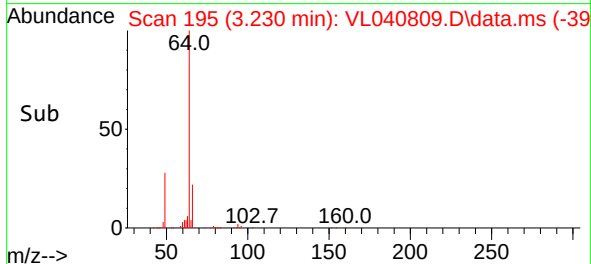
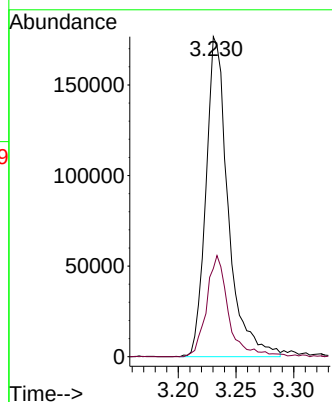
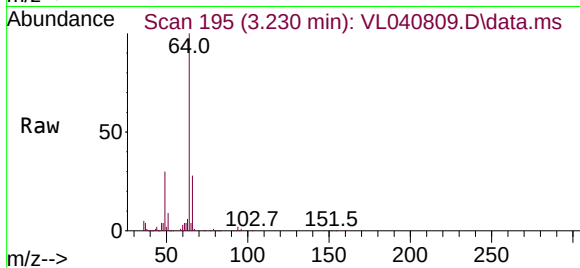




#7
Chloroethane
Concen: 10.898 ppbv
RT: 3.230 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

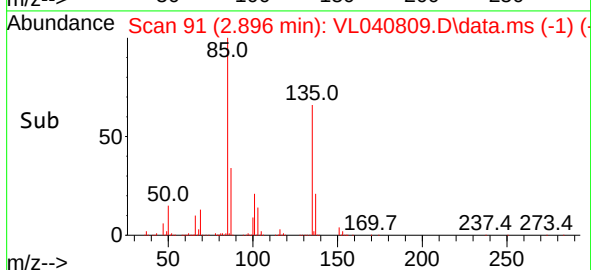
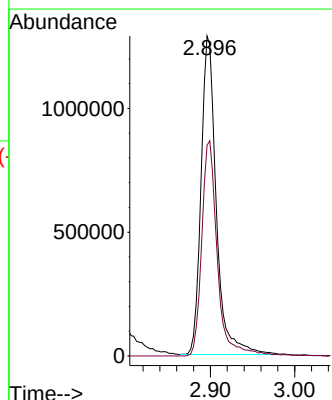
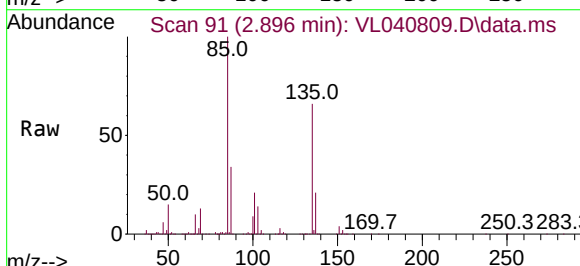
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ClientSampleId :
VSTDCCC010

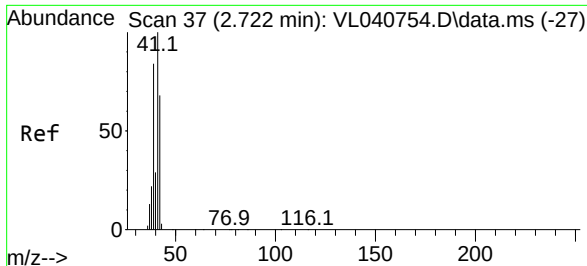
Tgt Ion: 64 Resp: 236856
Ion Ratio Lower Upper
64 100
66 27.6 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 10.946 ppbv
RT: 2.896 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 85 Resp: 1626979
Ion Ratio Lower Upper
85 100
135 69.4 55.4 83.2

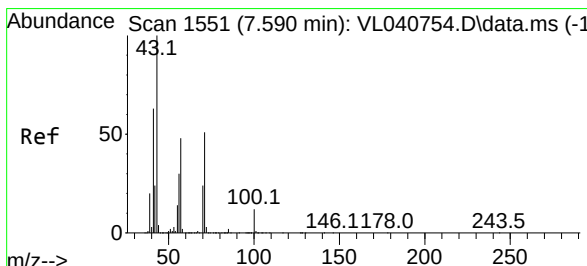
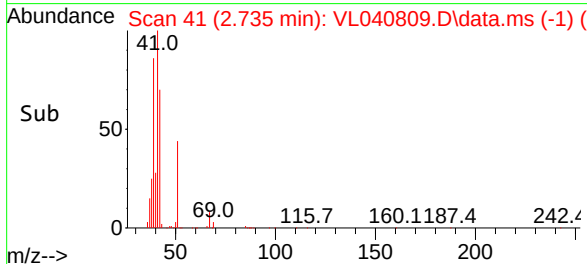
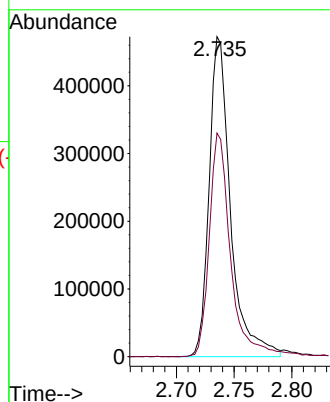
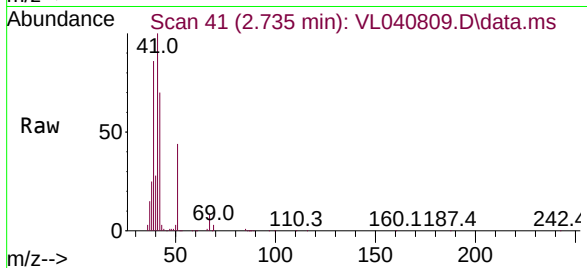




#9
 Propene
 Concen: 9.982 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

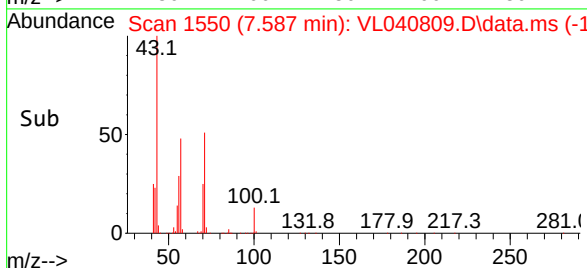
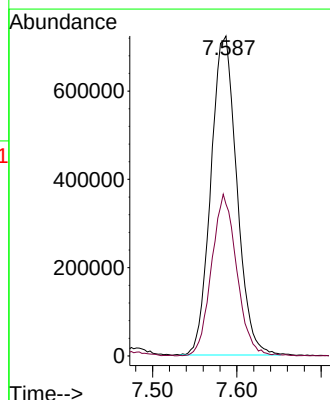
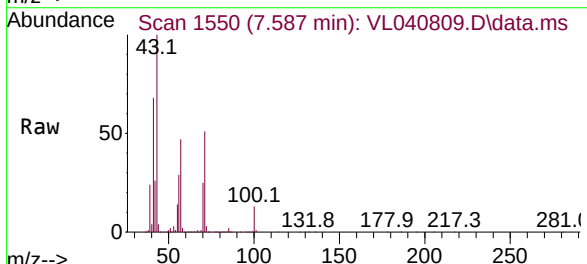
Instrument :
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 ClientSampleId :
 VSTDCCC010

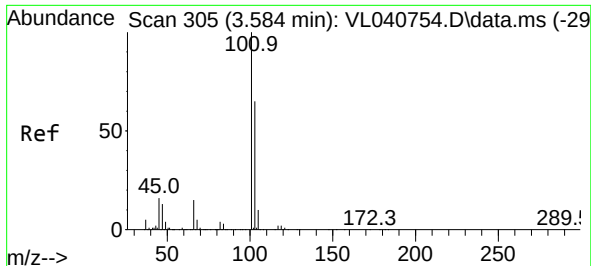
Tgt Ion: 41 Resp: 606724
 Ion Ratio Lower Upper
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 42 70.7 57.1 85.7



#10
 Heptane
 Concen: 10.122 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

Tgt Ion: 43 Resp: 1545528
 Ion Ratio Lower Upper
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 57 49.5 40.0 60.0

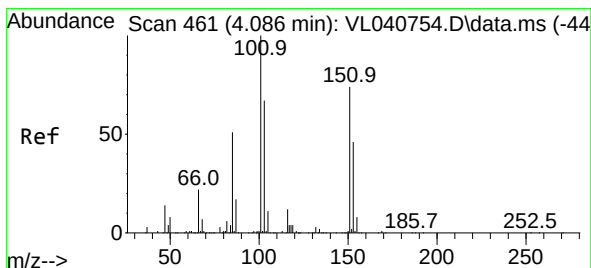
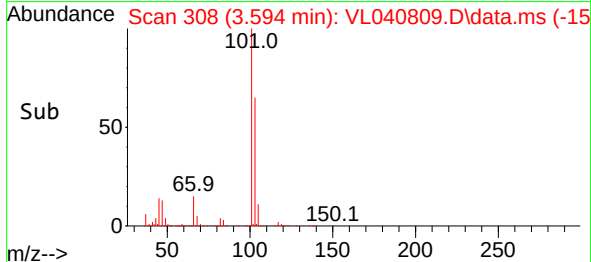
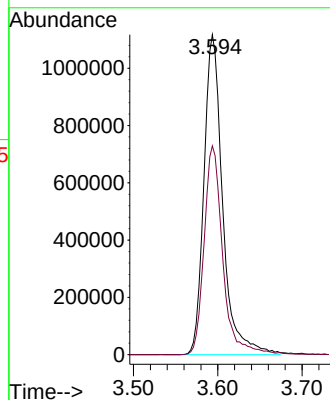
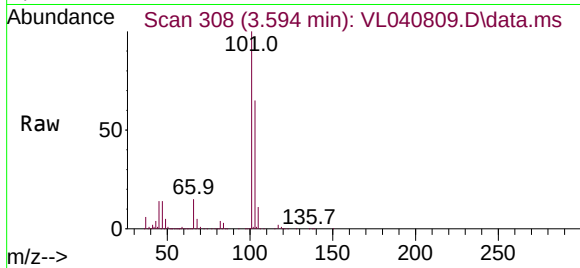




#11
 Trichlorofluoromethane
 Concen: 11.443 ppbv
 RT: 3.594 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

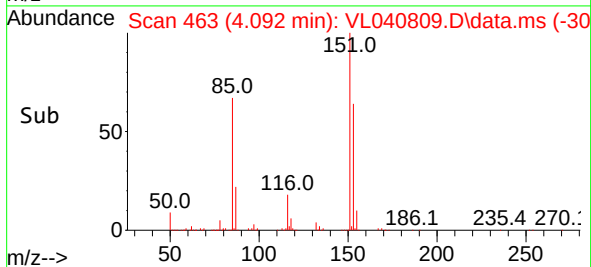
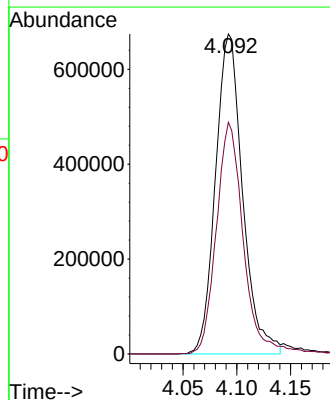
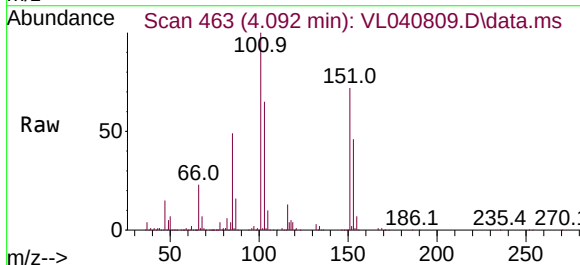
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

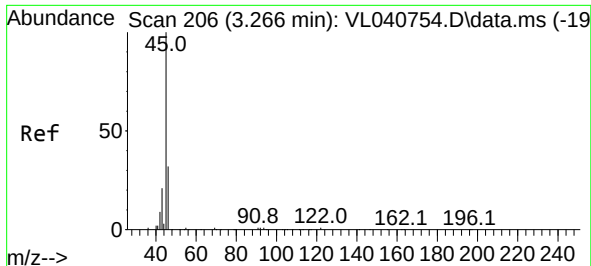
Tgt Ion:101 Resp: 1731676
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.953 ppbv
 RT: 4.092 min Scan# 463
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

Tgt Ion:101 Resp: 1182253
 Ion Ratio Lower Upper
 101 100
 151 72.6 58.1 87.1

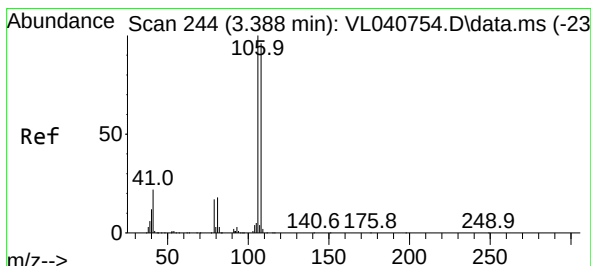
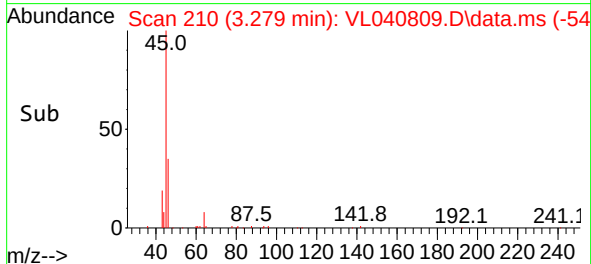
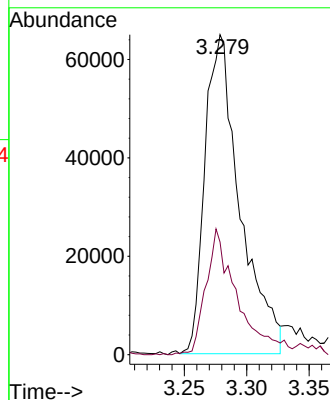
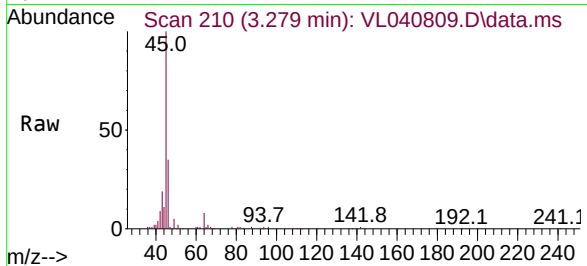




#13
Ethanol
Concen: 9.258 ppbv
RT: 3.279 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

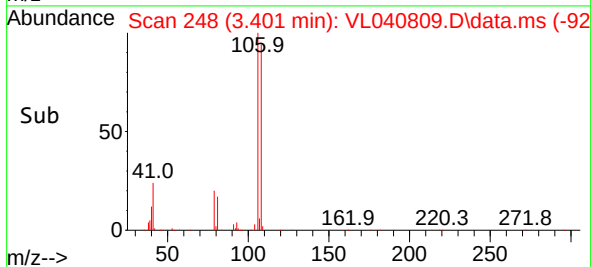
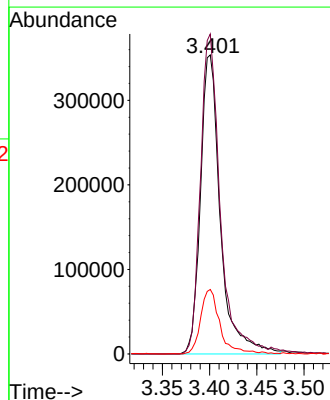
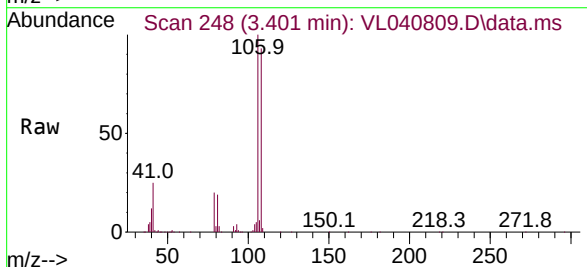
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

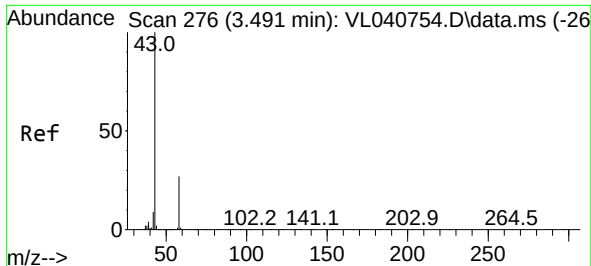
Tgt Ion: 45 Resp: 127023
Ion Ratio Lower Upper
45 100
46 37.4 14.6 58.2



#14
Bromoethene
Concen: 11.200 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion:108 Resp: 517733
Ion Ratio Lower Upper
108 100
106 108.5 85.2 127.8
79 21.3 15.7 23.5

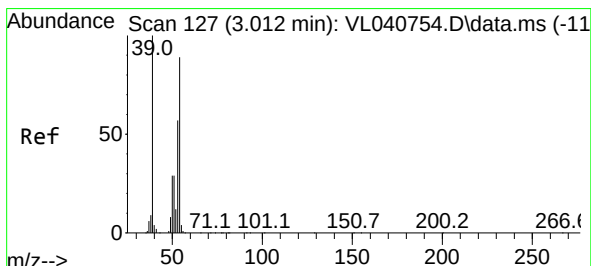
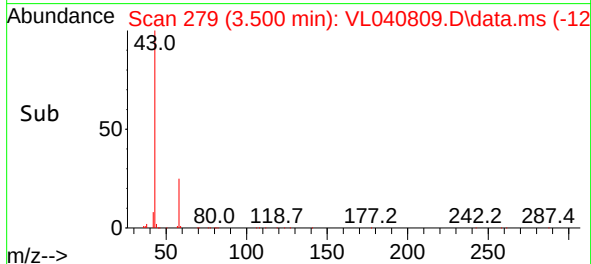
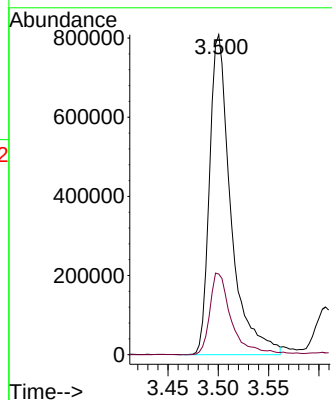
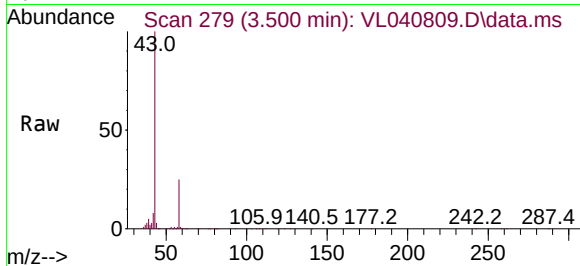




#15
Acetone
Concen: 10.366 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

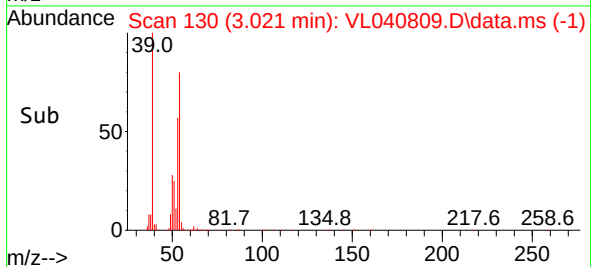
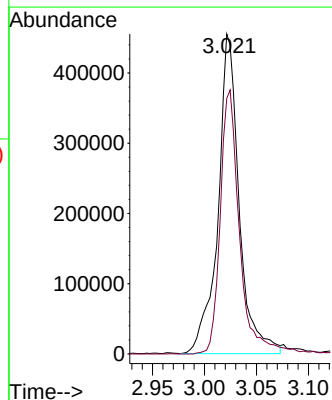
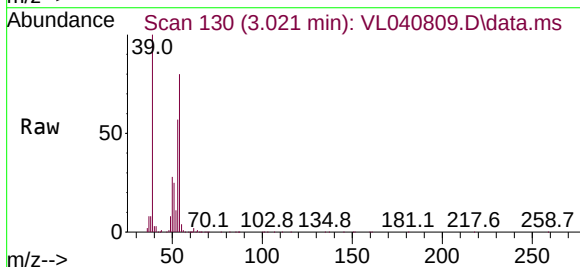
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

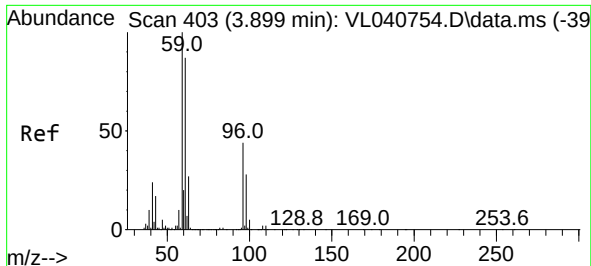
Tgt Ion: 43 Resp: 1193245
Ion Ratio Lower Upper
43 100
58 26.1 21.6 32.4



#16
1,3-Butadiene
Concen: 10.694 ppbv
RT: 3.021 min Scan# 130
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 39 Resp: 645792
Ion Ratio Lower Upper
39 100
54 76.0 63.0 94.6





#17

tert-Butyl alcohol

Concen: 8.784 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

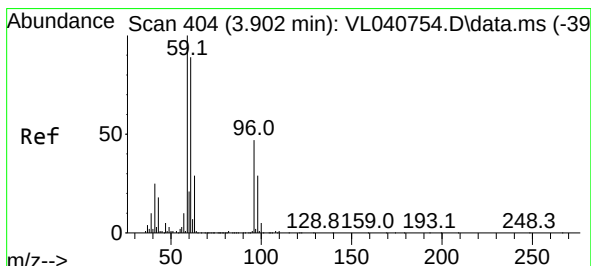
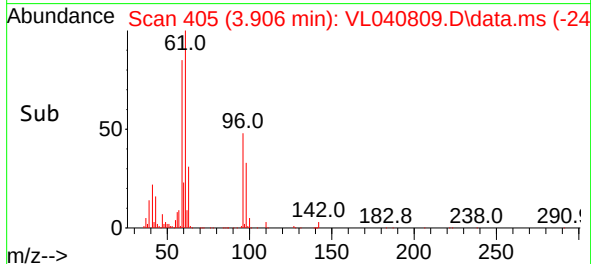
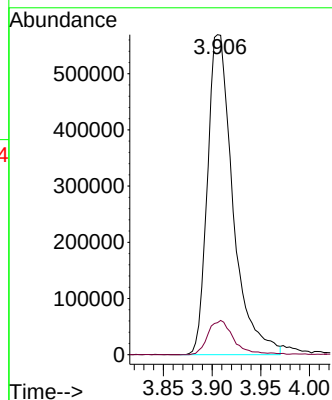
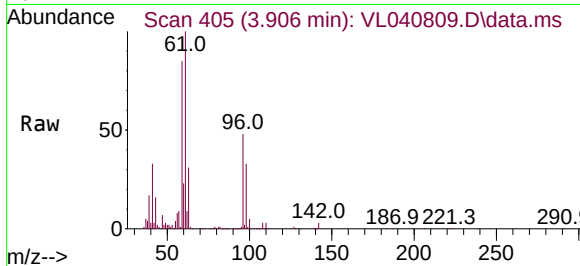
VSTDCCC010

Tgt Ion: 59 Resp: 1036735

Ion Ratio Lower Upper

59 100

57 11.1 8.6 13.0



#18

1,1-Dichloroethene

Concen: 10.725 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

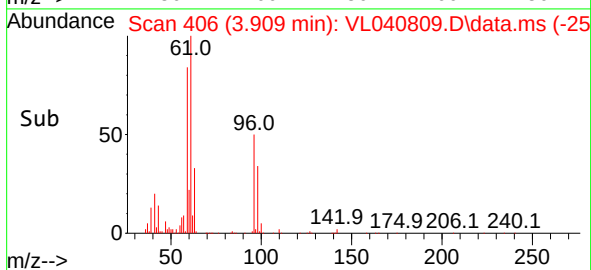
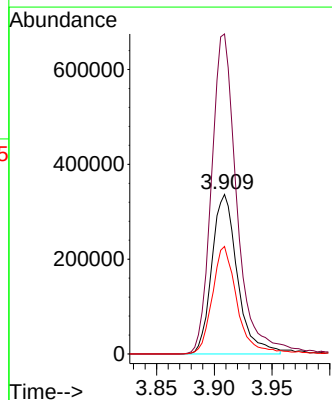
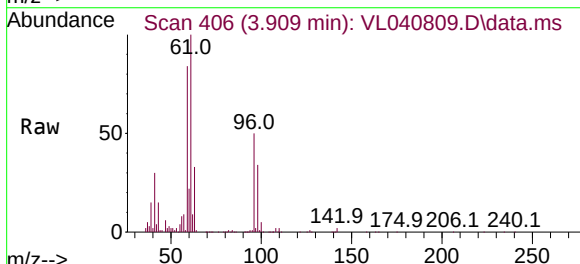
Tgt Ion: 96 Resp: 518850

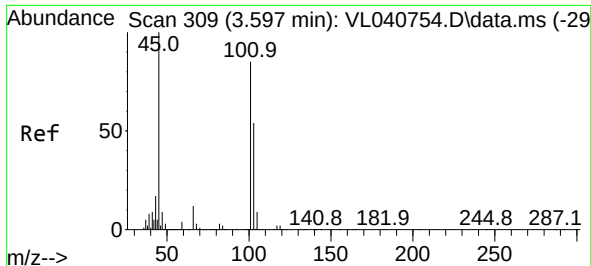
Ion Ratio Lower Upper

96 100

61 200.5 152.5 228.7

98 67.4 49.6 74.4

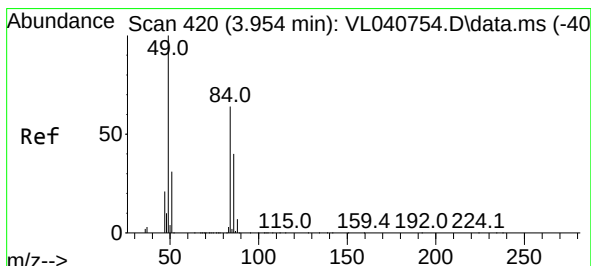
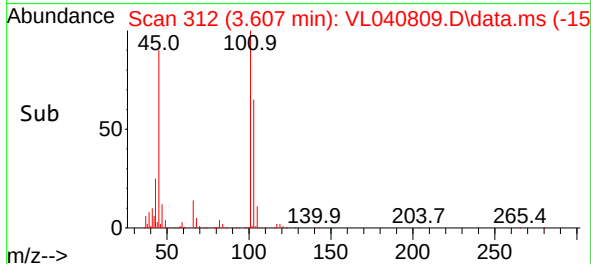
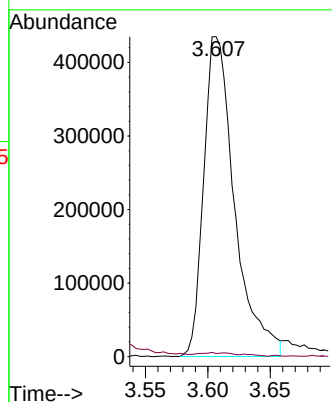
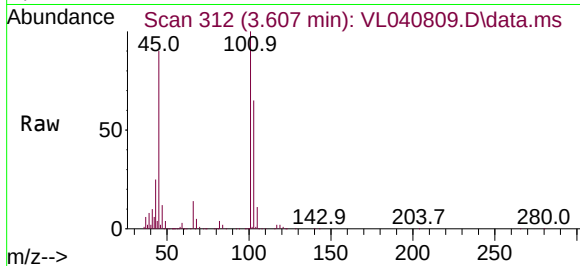




#19
Isopropyl Alcohol
Concen: 10.113 ppbv
RT: 3.607 min Scan# 312
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

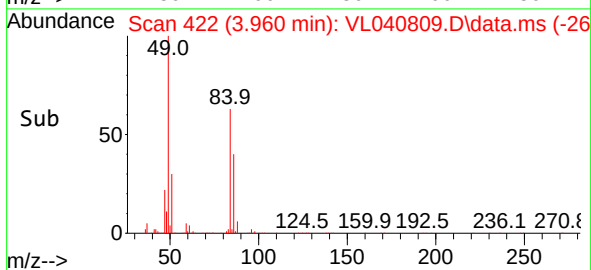
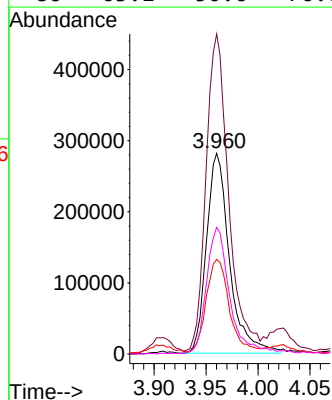
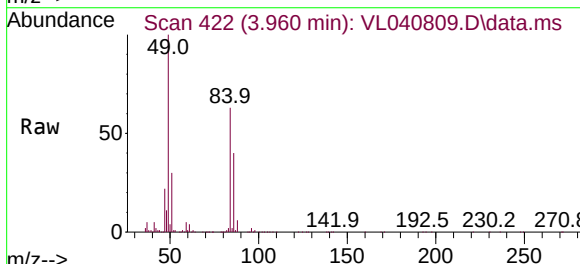
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

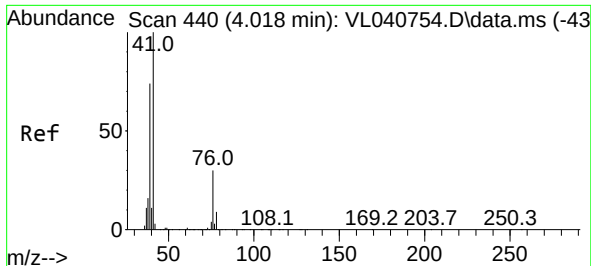
Tgt Ion: 45 Resp: 749330
Ion Ratio Lower Upper
45 100
58 1.6 30.3 45.5#



#20
Methylene Chloride
Concen: 9.011 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 84 Resp: 432056
Ion Ratio Lower Upper
84 100
49 157.6 125.6 188.4
51 45.2 38.9 58.3
86 63.1 50.6 76.0

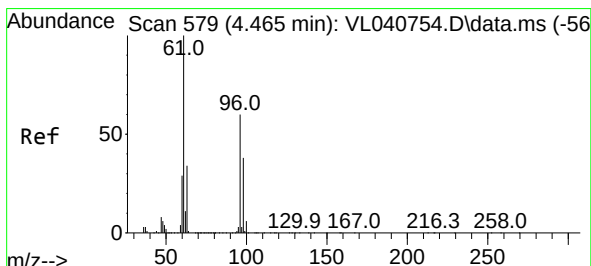
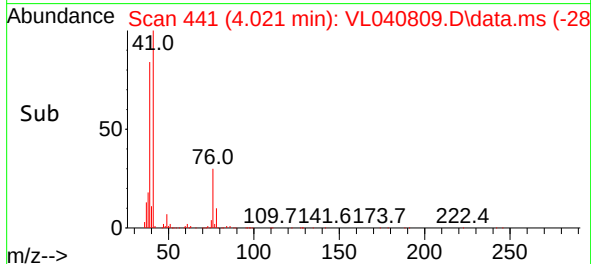
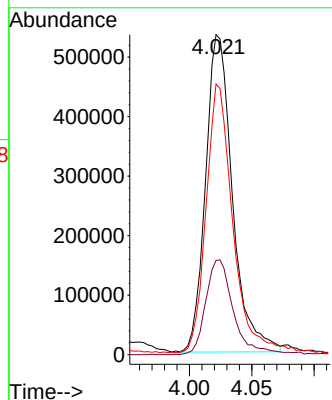
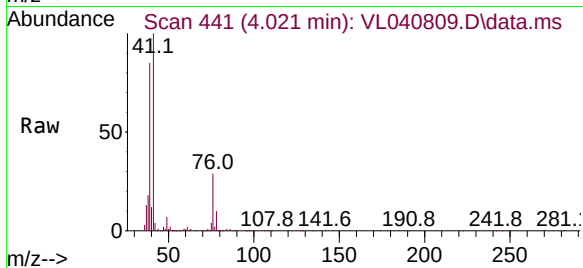




#21
 Allyl Chloride
 Concen: 10.580 ppbv
 RT: 4.021 min Scan# 440
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

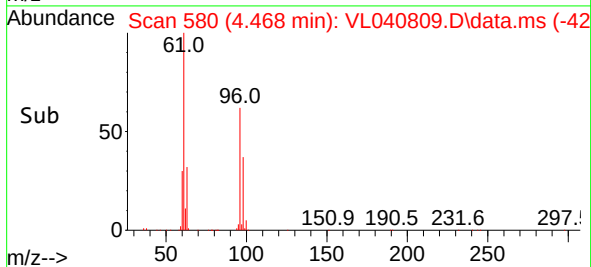
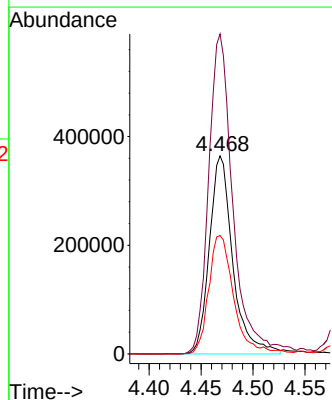
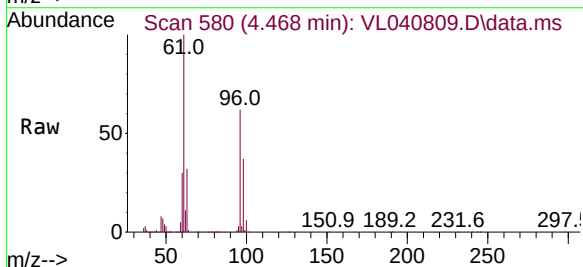
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

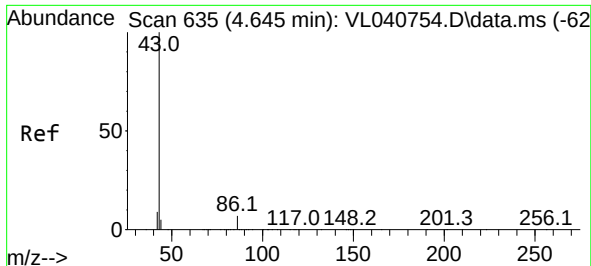
Tgt Ion: 41 Resp: 803174
 Ion Ratio Lower Upper
 41 100
 76 30.9 24.1 36.1
 39 85.3 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 11.083 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

Tgt Ion: 96 Resp: 570651
 Ion Ratio Lower Upper
 96 100
 61 161.5 134.0 201.0
 98 59.8 51.0 76.4

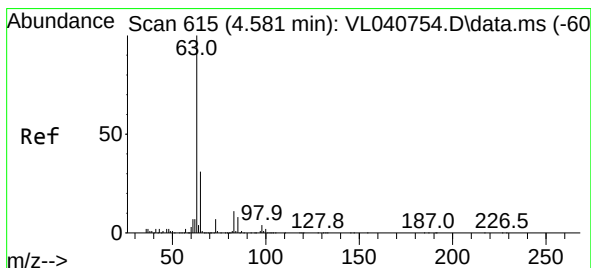
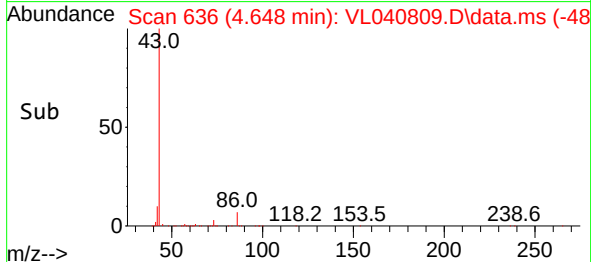
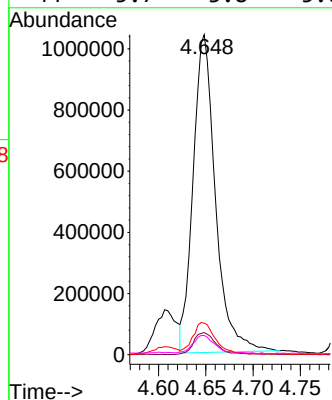
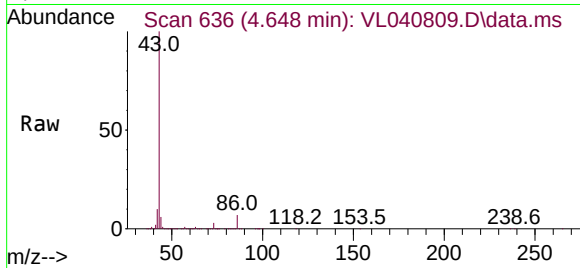




#23
Vinyl Acetate
Concen: 11.652 ppbv
RT: 4.648 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

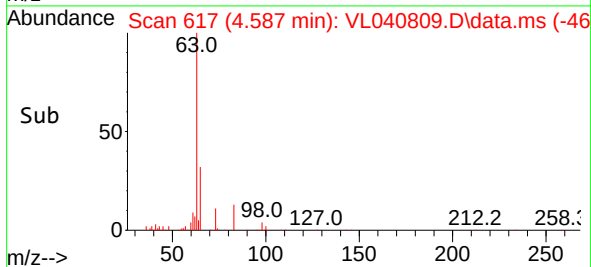
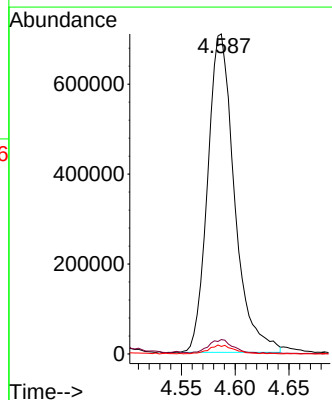
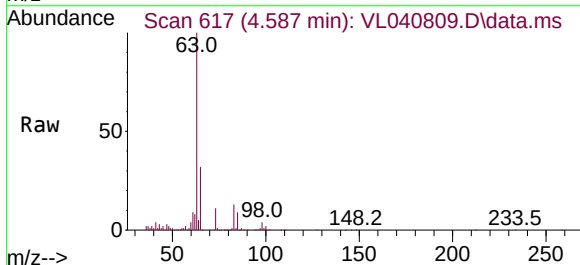
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

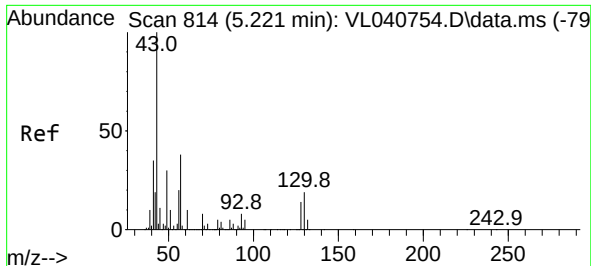
Tgt Ion: 43 Resp: 1709288
Ion Ratio Lower Upper
43 100
86 6.9 4.9 7.3
42 9.7 7.8 11.6
44 5.7 3.8 5.6#



#24
1,1-Dichloroethane
Concen: 11.106 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 63 Resp: 1228819
Ion Ratio Lower Upper
63 100
98 4.2 2.0 5.8
100 2.3 1.3 3.8



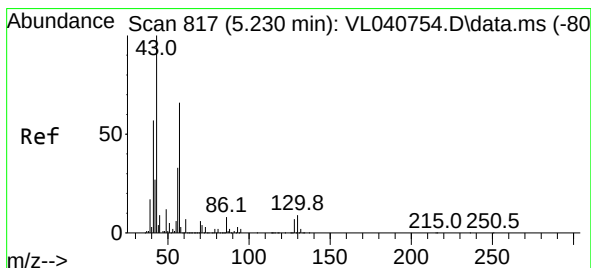
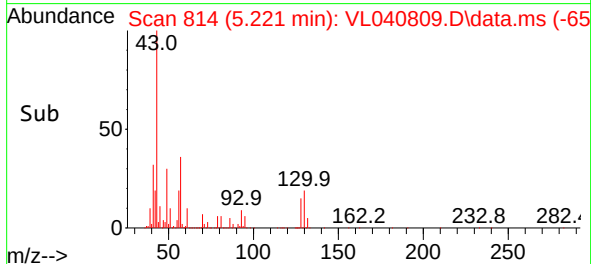
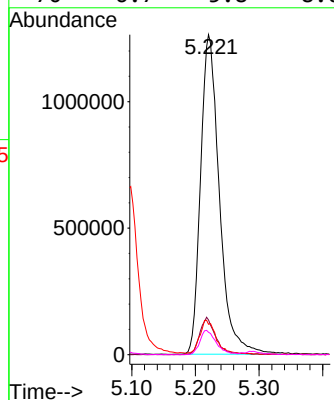
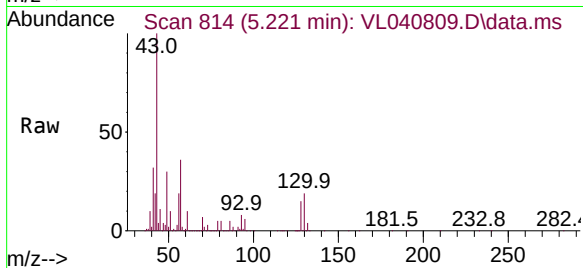


#25
Ethyl Acetate
Concen: 10.281 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2592919

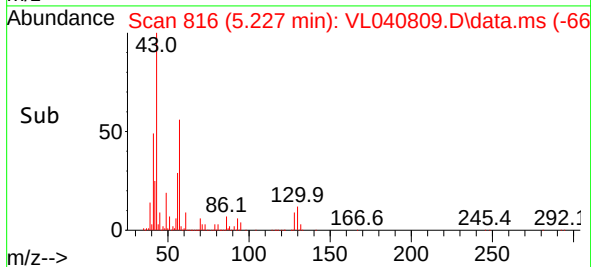
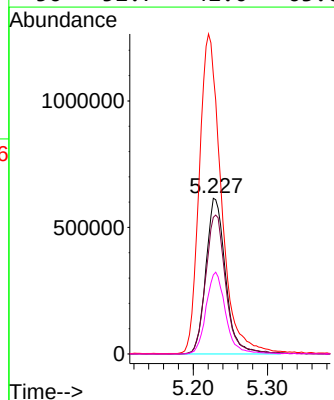
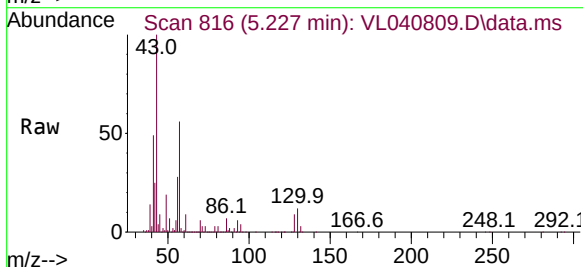
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	9.8	8.2	12.2
70	6.7	5.8	8.6

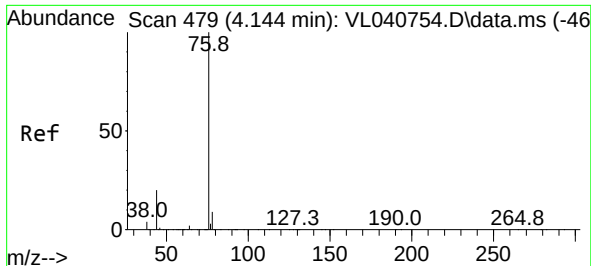


#26
Hexane
Concen: 9.783 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 57 Resp: 1127679

Ion	Ratio	Lower	Upper
57	100		
41	92.9	71.4	107.2
43	231.6	182.3	273.5
56	52.7	42.0	63.0

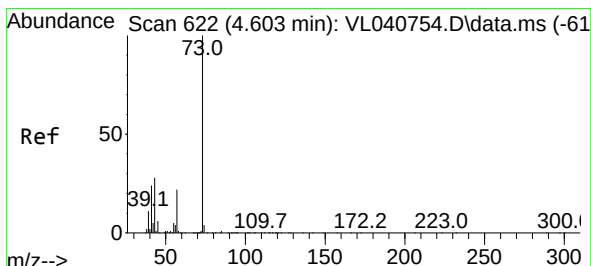
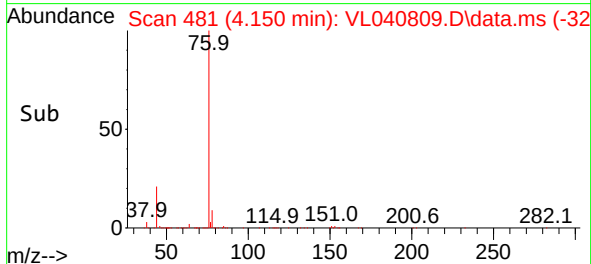
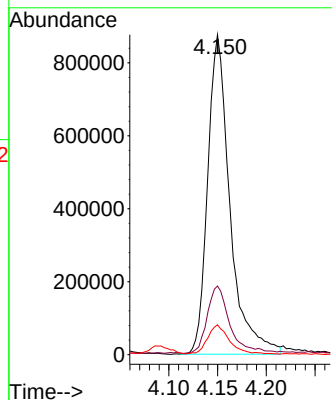
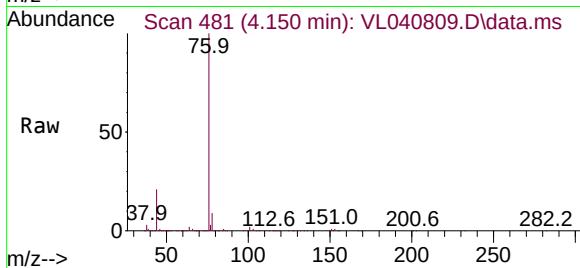




#27
Carbon Disulfide
Concen: 10.958 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

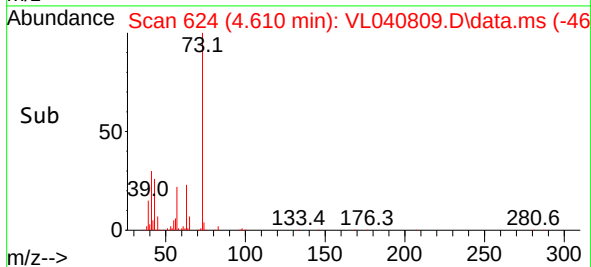
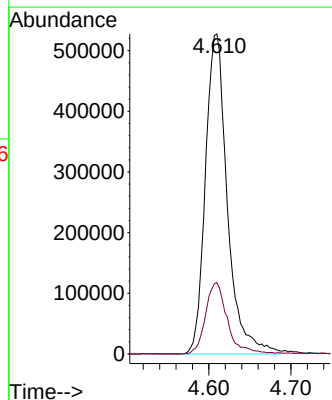
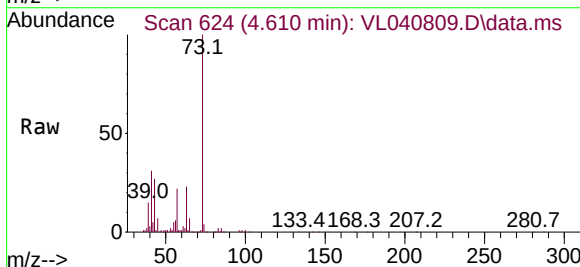
Instrument :
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ClientSampleId :
VSTDCCC010

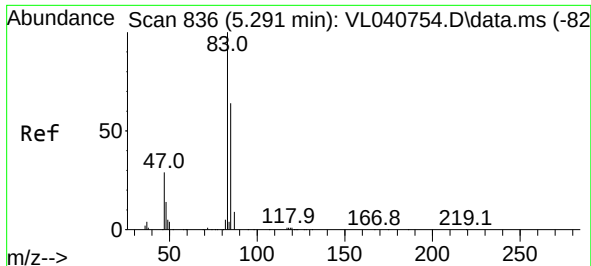
Tgt Ion: 76 Resp: 1393705
Ion Ratio Lower Upper
76 100
44 22.2 16.6 25.0
78 10.0 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 10.951 ppbv
RT: 4.610 min Scan# 624
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 73 Resp: 981595
Ion Ratio Lower Upper
73 100
57 22.6 18.9 28.3





#29

Chloroform

Concen: 11.308 ppbv

RT: 5.291 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

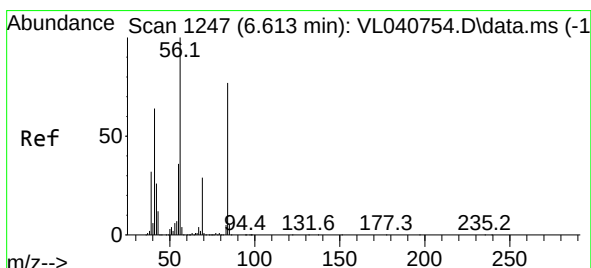
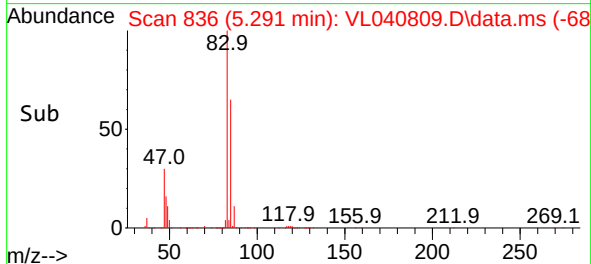
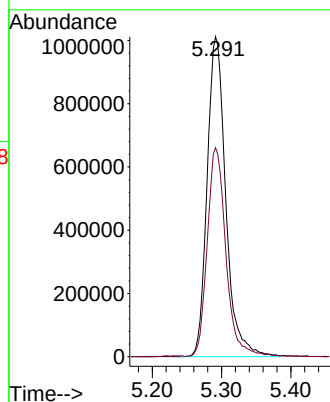
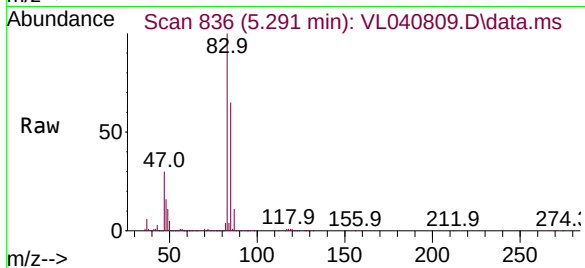
VSTDCCC010

Tgt Ion: 83 Resp: 1886046

Ion Ratio Lower Upper

83 100

85 65.1 51.3 76.9



#30

Cyclohexane

Concen: 9.901 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

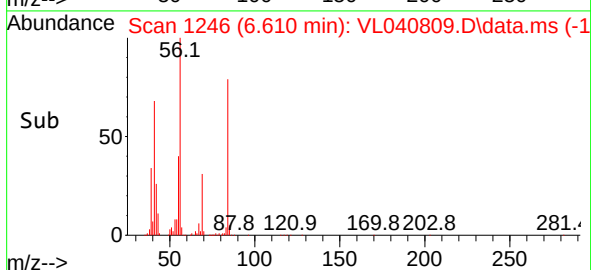
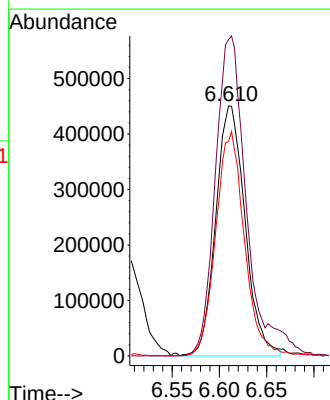
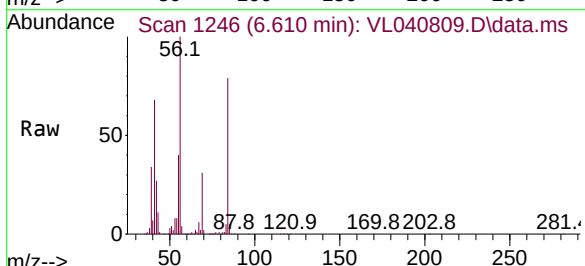
Tgt Ion: 84 Resp: 971212

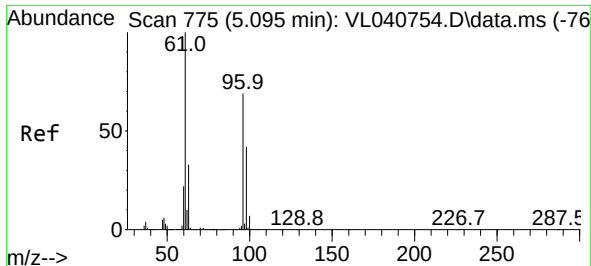
Ion Ratio Lower Upper

84 100

56 136.6 110.3 165.5

41 87.7 67.4 101.2





#31

cis-1,2-Dichloroethene

Concen: 11.110 ppbv

RT: 5.098 min Scan# 775

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

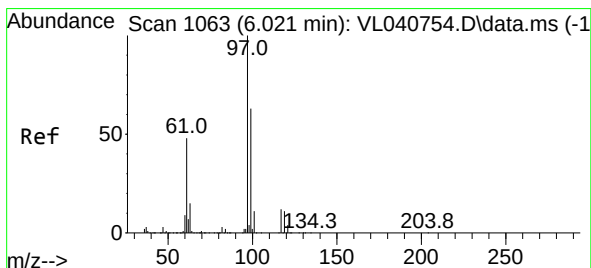
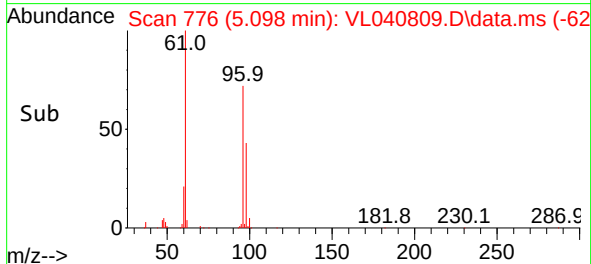
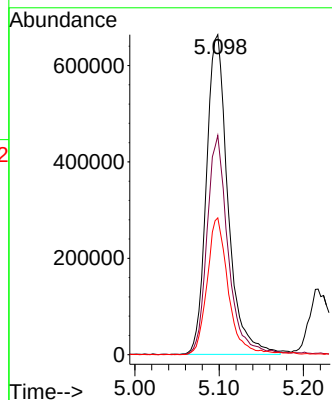
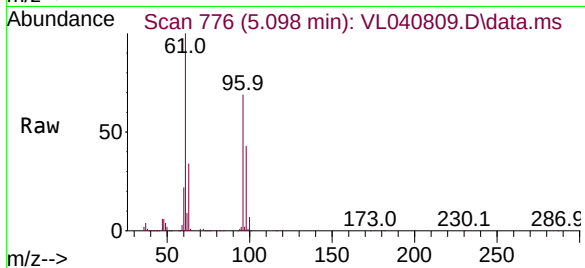
Tgt Ion: 61 Resp: 1180138

Ion Ratio Lower Upper

61 100

96 68.5 55.1 82.7

98 42.8 33.5 50.3



#32

1,1,1-Trichloroethane

Concen: 10.574 ppbv

RT: 6.015 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

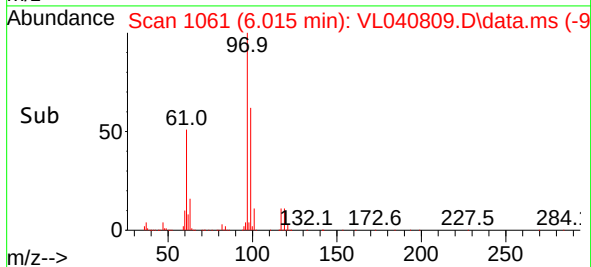
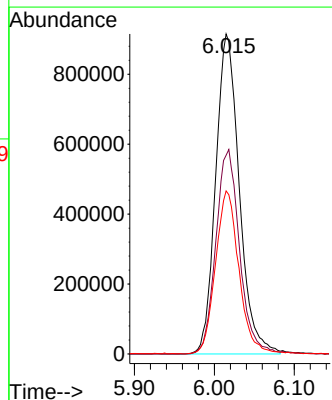
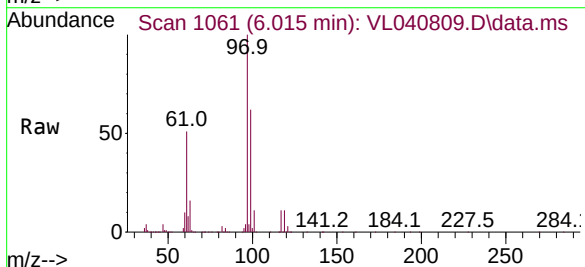
Tgt Ion: 97 Resp: 1876999

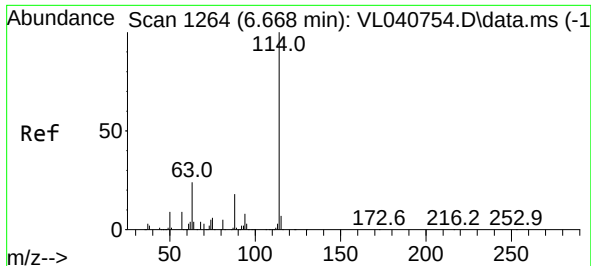
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 50.5 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

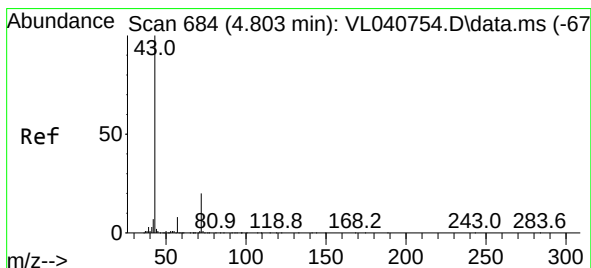
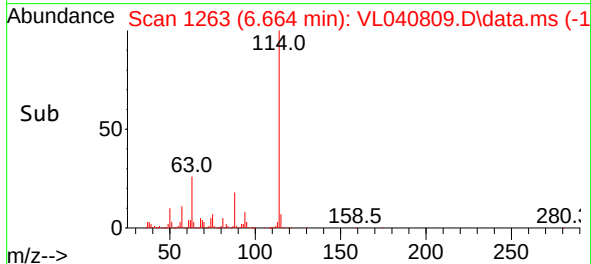
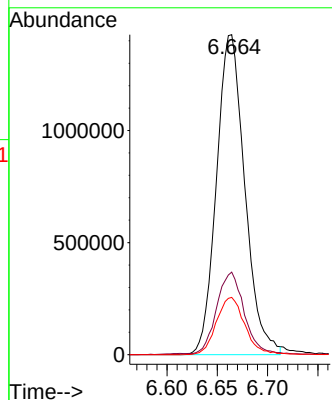
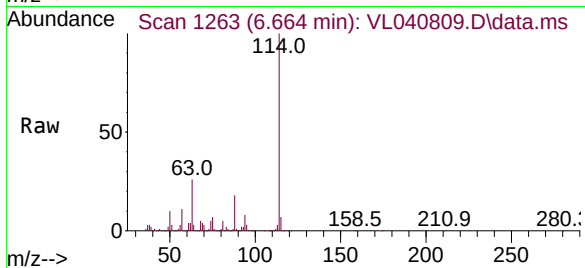
Tgt Ion:114 Resp: 2795787

Ion Ratio Lower Upper

114 100

63 26.0 19.8 29.6

88 18.1 14.2 21.2



#34

2-Butanone

Concen: 12.842 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.000 min

Lab File: VL040809.D

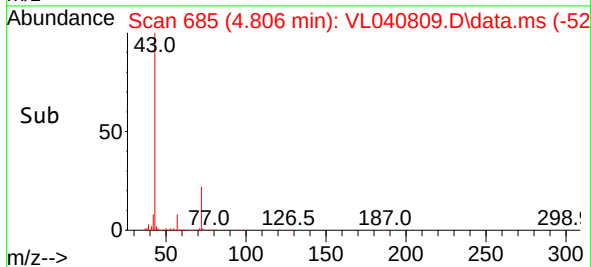
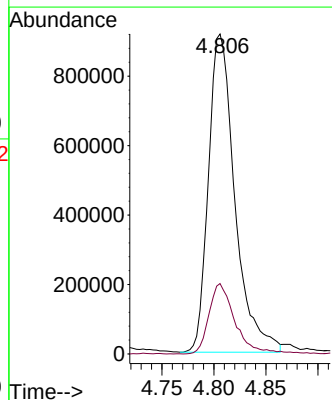
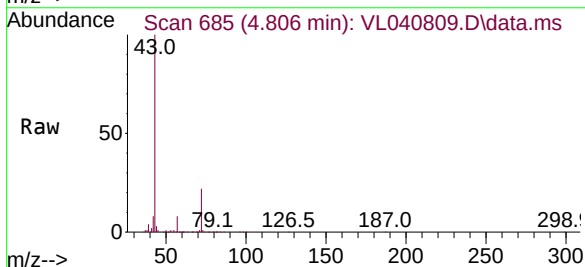
Acq: 8 Nov 2023 13:08

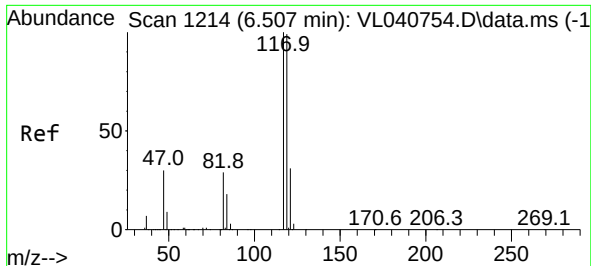
Tgt Ion: 43 Resp: 1625122

Ion Ratio Lower Upper

43 100

72 22.2 16.8 25.2

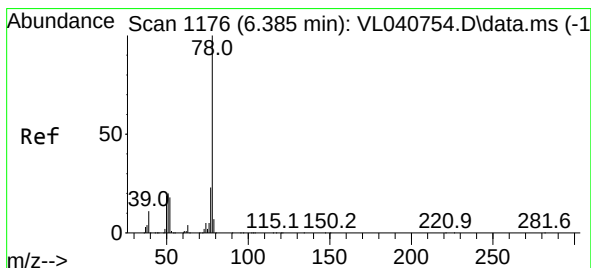
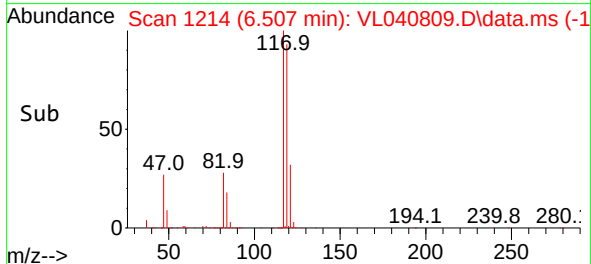
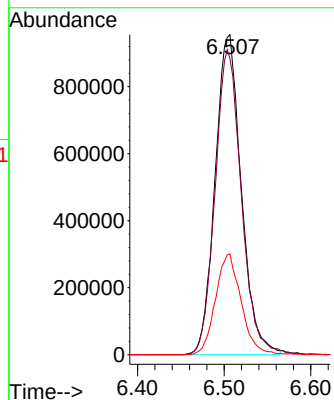
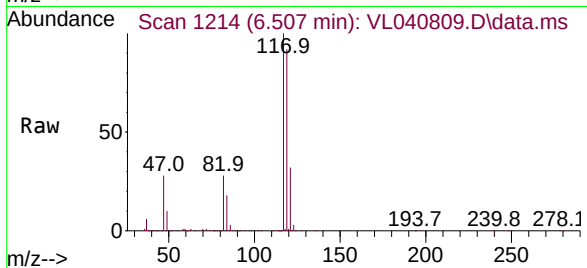




#35
Carbon Tetrachloride
Concen: 12.775 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

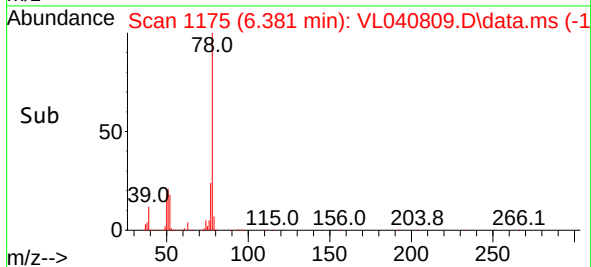
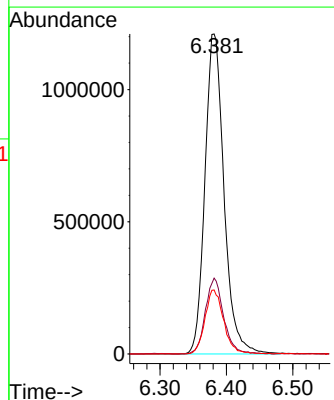
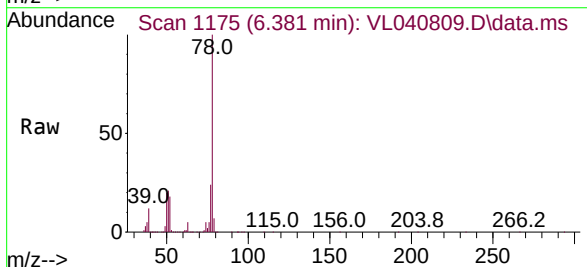
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

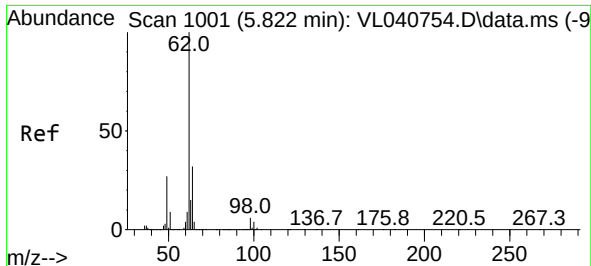
Tgt Ion:117 Resp: 2004735
Ion Ratio Lower Upper
117 100
119 92.5 79.4 119.0
121 31.5 25.0 37.4



#36
Benzene
Concen: 11.277 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 78 Resp: 2425157
Ion Ratio Lower Upper
78 100
77 23.7 18.4 27.6
50 20.0 15.0 22.4





#37

1,2-Dichloroethane

Concen: 13.241 ppbv

RT: 5.822 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

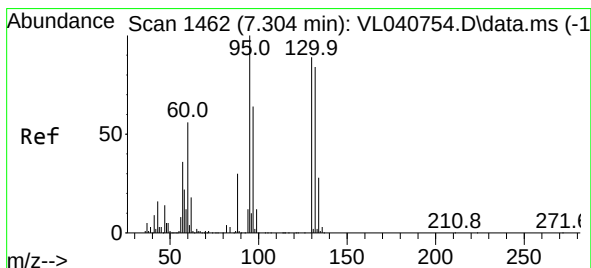
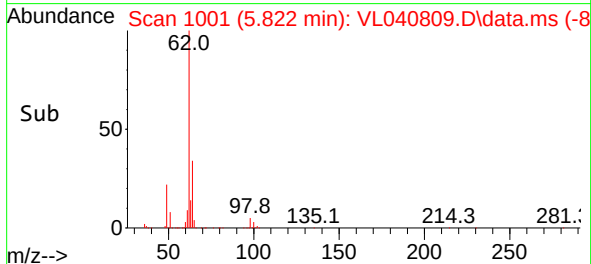
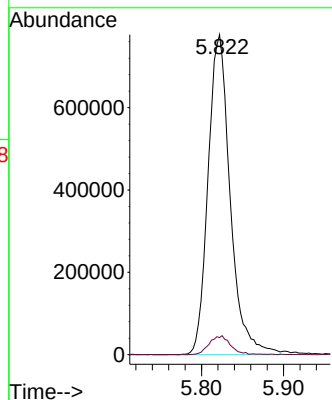
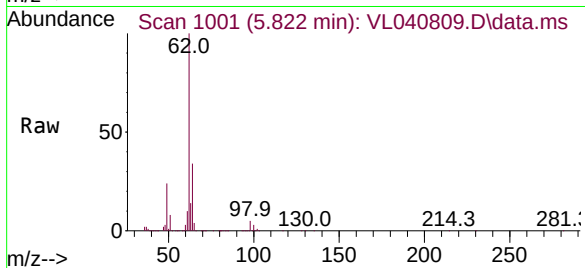
VSTDCCC010

Tgt Ion: 62 Resp: 1458300

Ion Ratio Lower Upper

62 100

98 5.9 5.4 8.0



#38

Trichloroethene

Concen: 9.826 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Tgt Ion:130 Resp: 935098

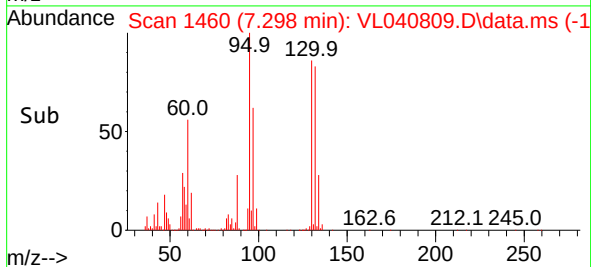
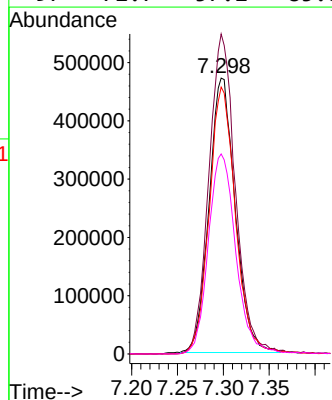
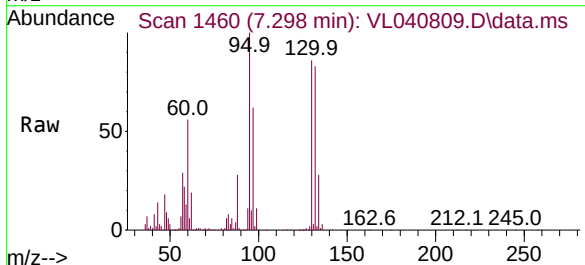
Ion Ratio Lower Upper

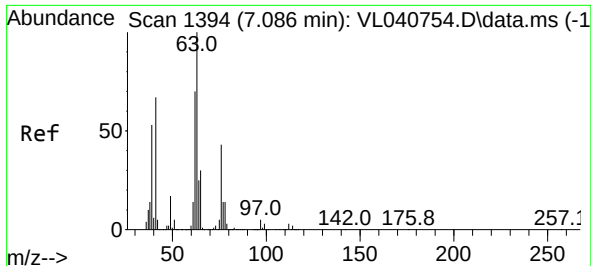
130 100

95 116.4 89.4 134.2

132 97.2 74.8 112.2

97 72.7 57.2 85.8





#39

1,2-Dichloropropane

Concen: 11.253 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

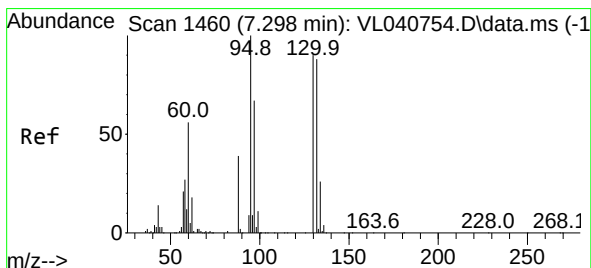
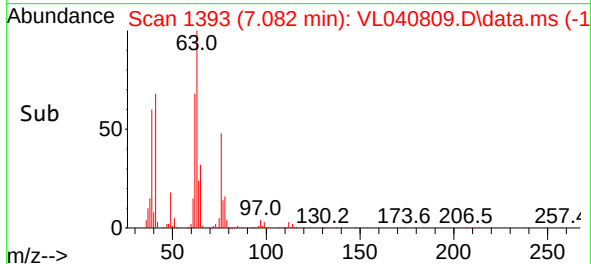
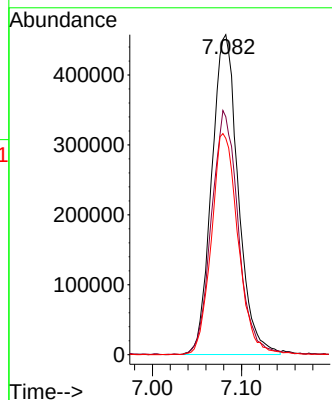
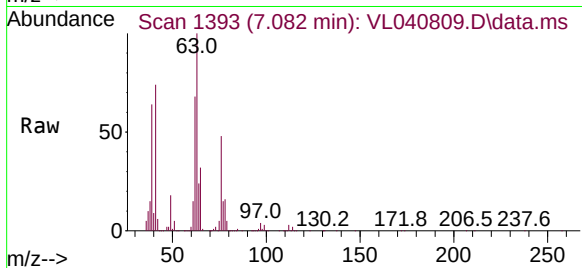
Tgt Ion: 63 Resp: 945400

Ion Ratio Lower Upper

63 100

41 74.3 53.7 80.5

62 67.6 55.7 83.5



#40

1,4-Dioxane

Concen: 12.160 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Tgt Ion: 88 Resp: 386611

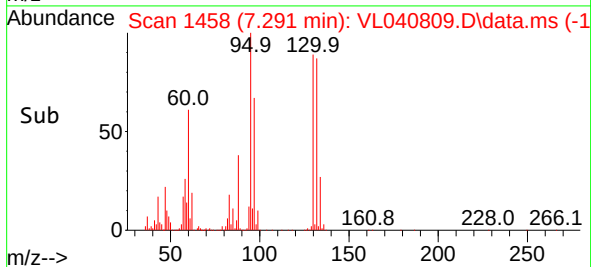
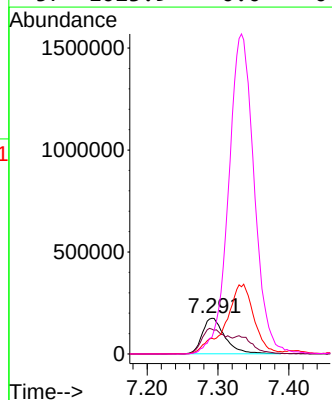
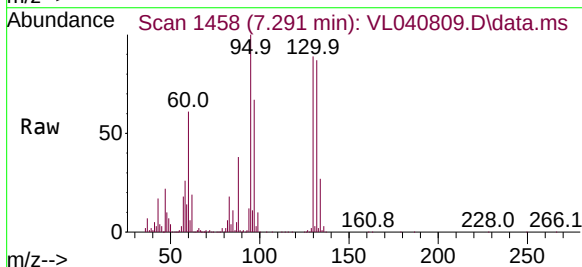
Ion Ratio Lower Upper

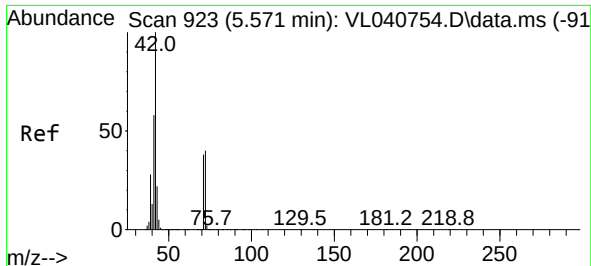
88 100

58 119.7 100.0 150.0

43 249.1 0.0 0.0#

57 1023.9 0.0 0.0#



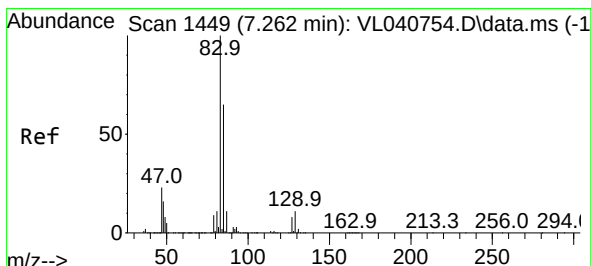
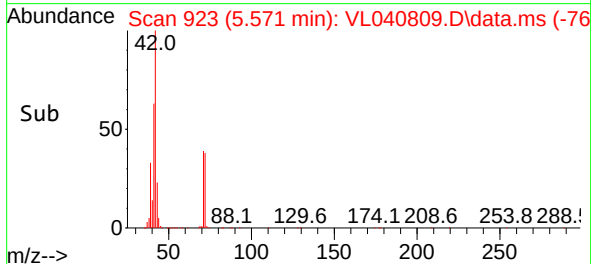
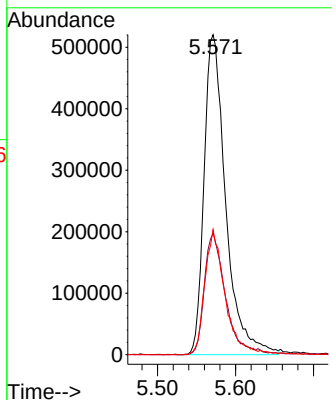
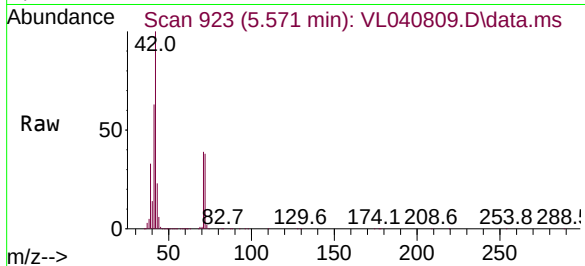


#41
Tetrahydrofuran
Concen: 11.448 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 1003268

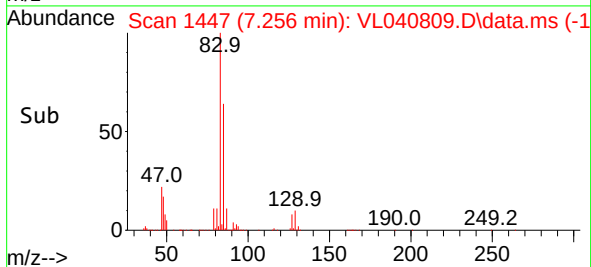
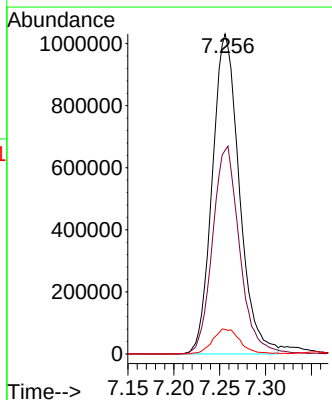
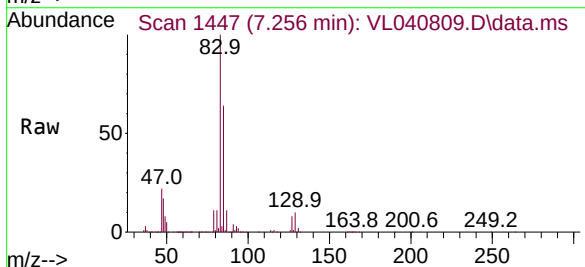
Ion	Ratio	Lower	Upper
42	100		
72	37.5	31.1	46.7
71	37.2	29.7	44.5

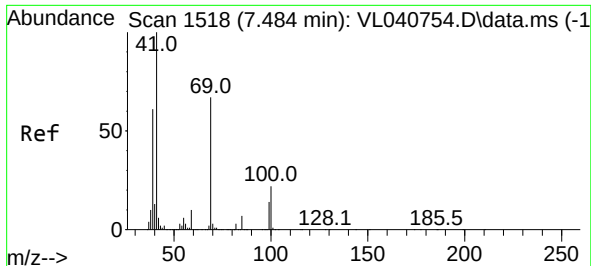


#42
Bromodichloromethane
Concen: 12.809 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 83 Resp: 2113288

Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.1	78.1
127	7.7	6.7	10.1



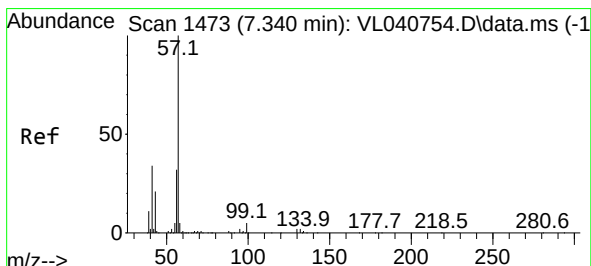
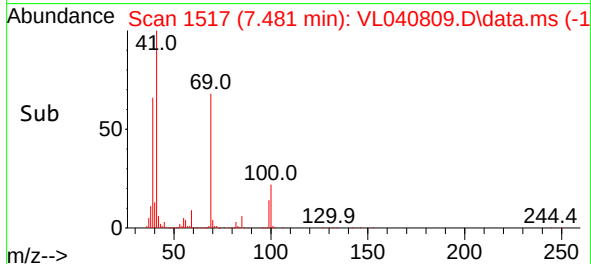
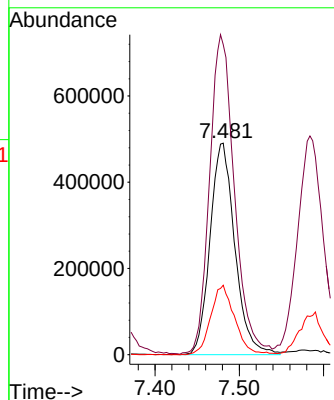
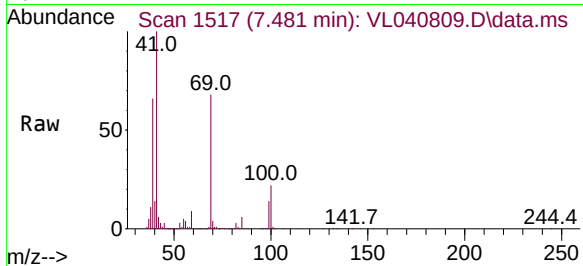


#43
Methyl Methacrylate
Concen: 11.668 ppbv
RT: 7.481 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1004373

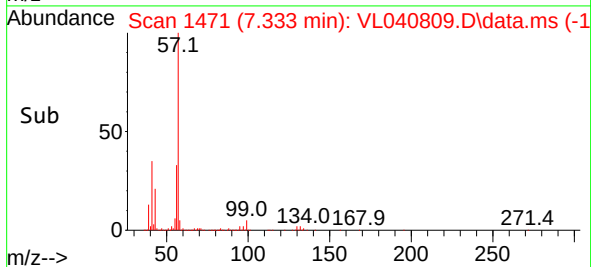
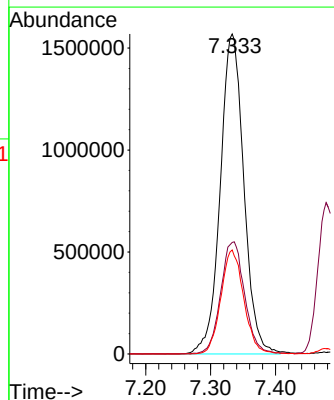
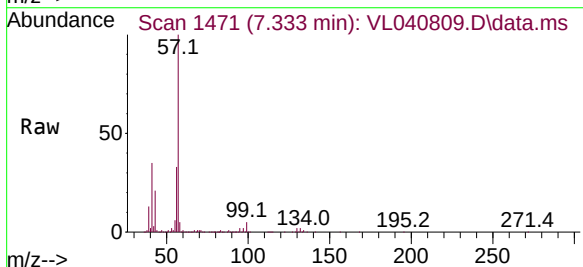
Ion	Ratio	Lower	Upper
69	100		
41	151.5	120.6	181.0
100	31.6	27.1	40.7

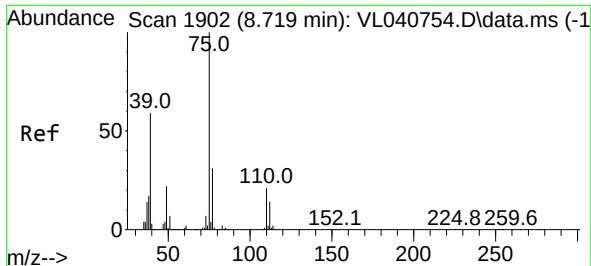


#44
2,2,4-Trimethylpentane
Concen: 10.852 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 57 Resp: 3946269

Ion	Ratio	Lower	Upper
57	100		
41	35.6	27.4	41.0
56	31.6	25.0	37.6

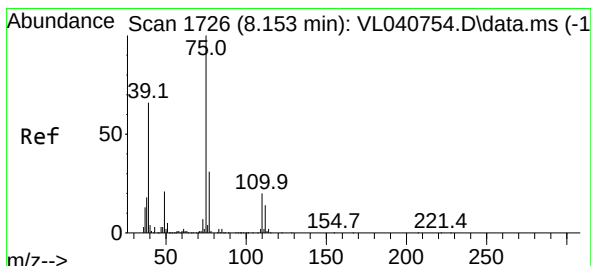
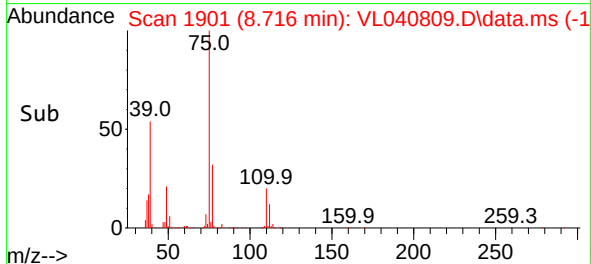
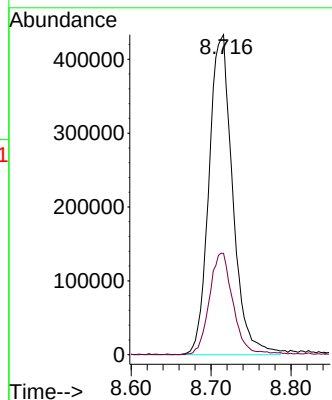
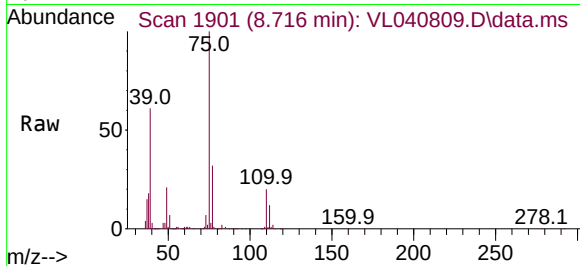




#45
 t-1,3-Dichloropropene
 Concen: 12.997 ppbv
 RT: 8.716 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

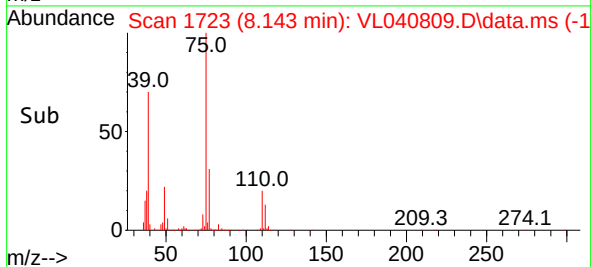
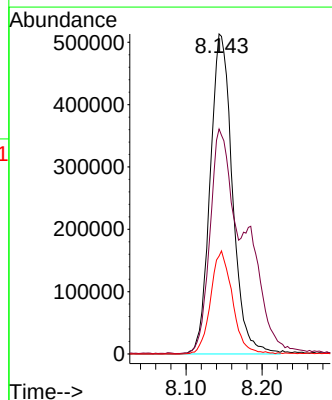
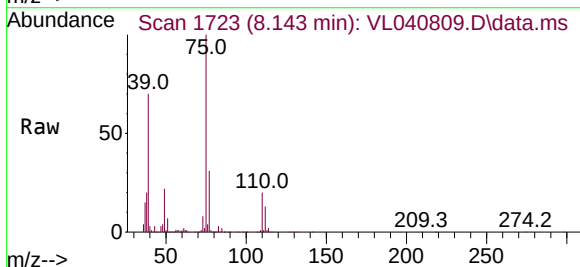
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

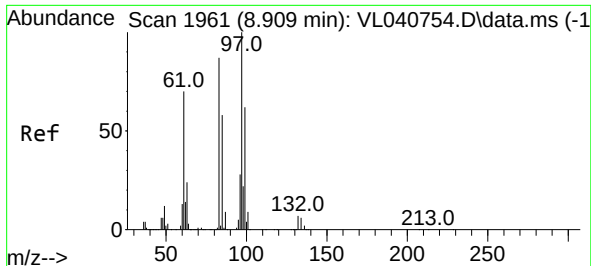
Tgt Ion: 75 Resp: 892161
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 12.453 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

Tgt Ion: 75 Resp: 1044316
 Ion Ratio Lower Upper
 75 100
 39 70.1 52.4 78.6
 77 30.6 25.1 37.7



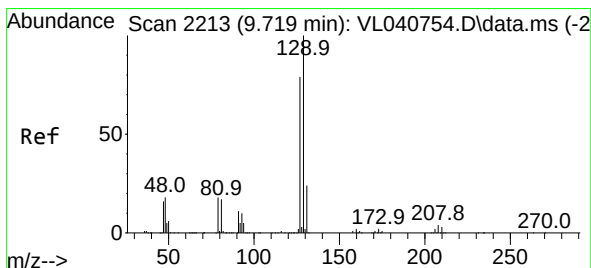
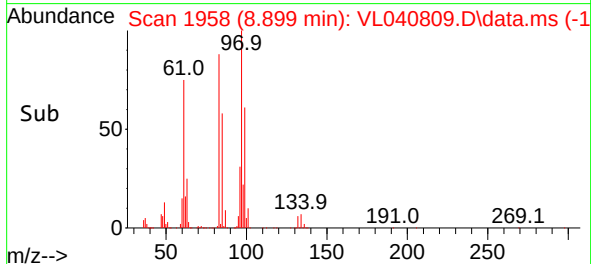
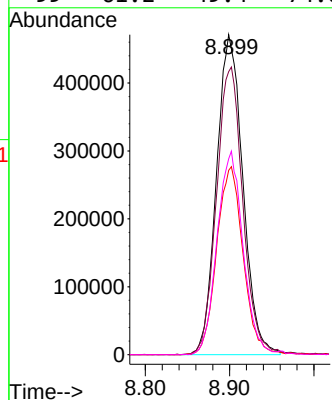
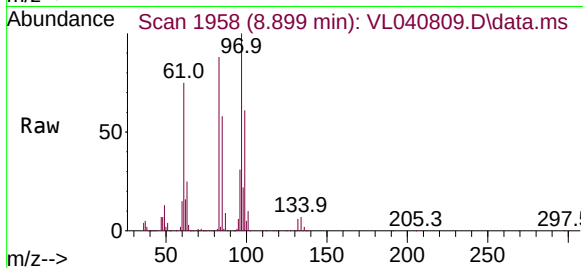


#47
1,1,2-Trichloroethane
Concen: 11.572 ppbv
RT: 8.899 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 1021268

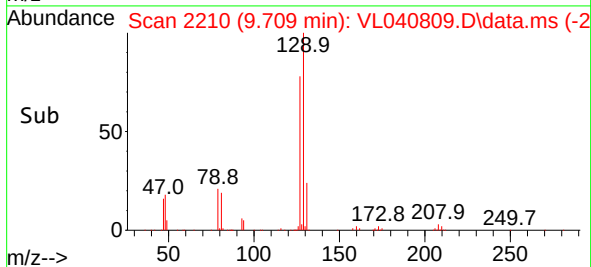
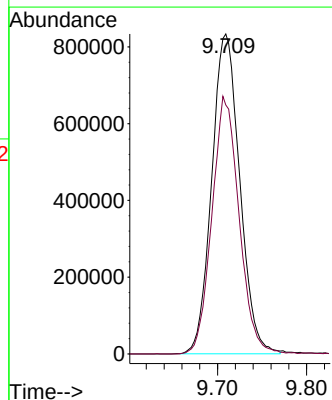
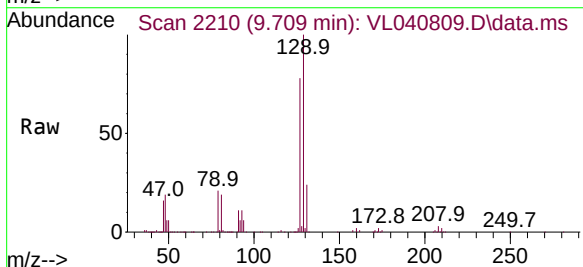
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.5	104.3
85	57.6	46.6	69.8
99	61.2	49.4	74.0

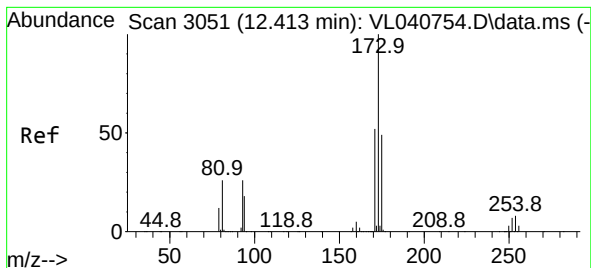


#48
Dibromochloromethane
Concen: 12.302 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 129 Resp: 1819482

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.3





#49

Bromoform

Concen: 12.206 ppbv

RT: 12.400 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

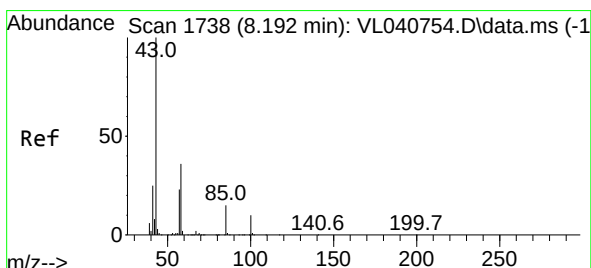
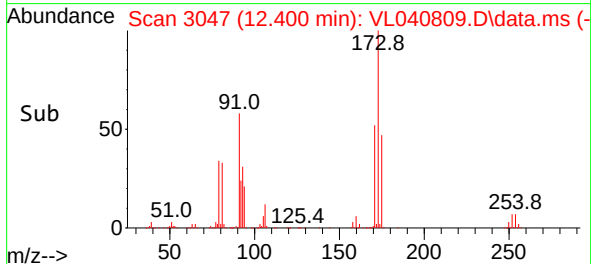
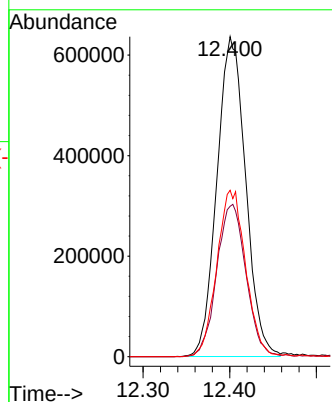
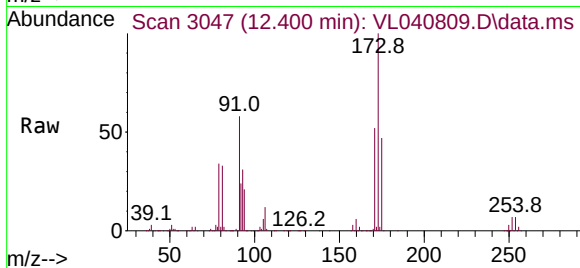
Tgt Ion:173 Resp: 1467402

Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

171 52.6 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 11.708 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VL040809.D

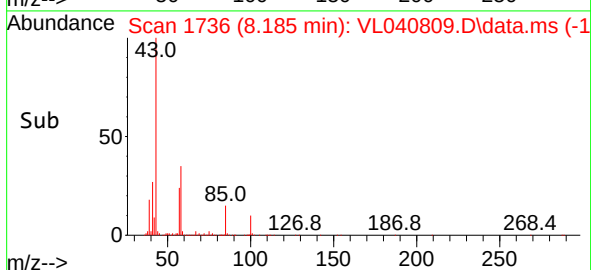
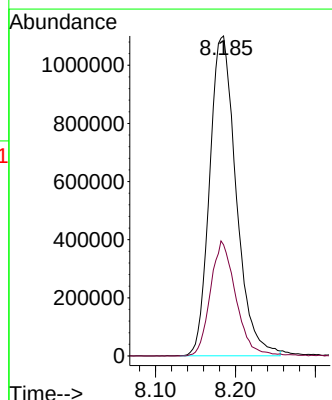
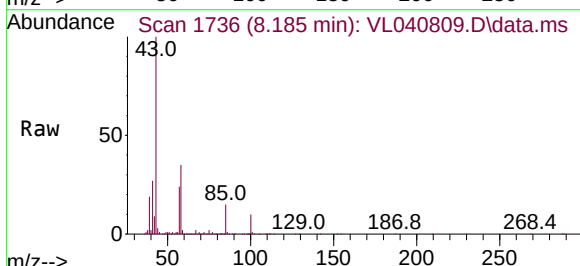
Acq: 8 Nov 2023 13:08

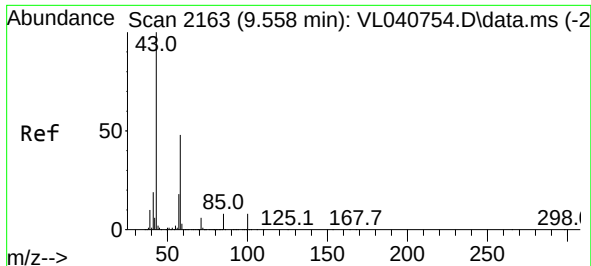
Tgt Ion: 43 Resp: 2534657

Ion Ratio Lower Upper

43 100

58 34.7 28.8 43.2

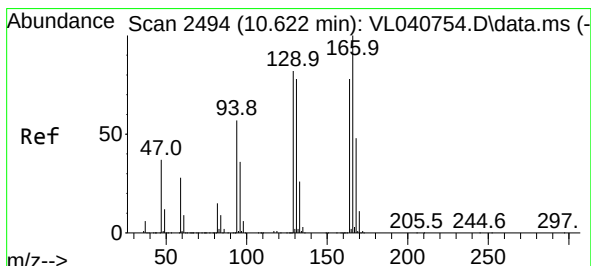
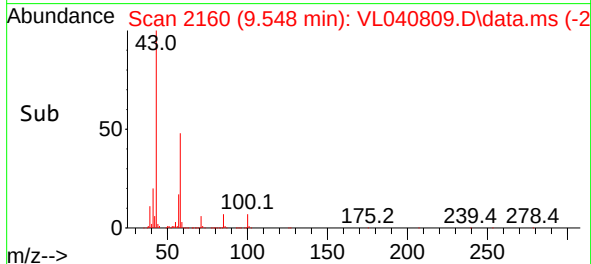
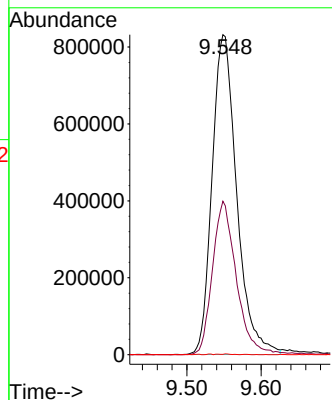
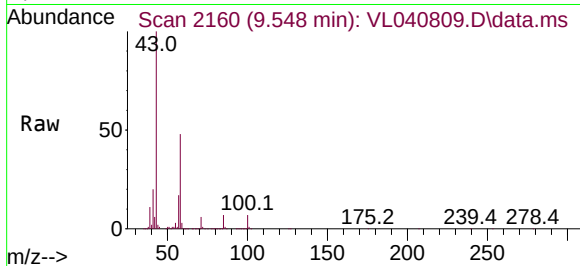




#51
2-Hexanone
Concen: 11.613 ppbv
RT: 9.548 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

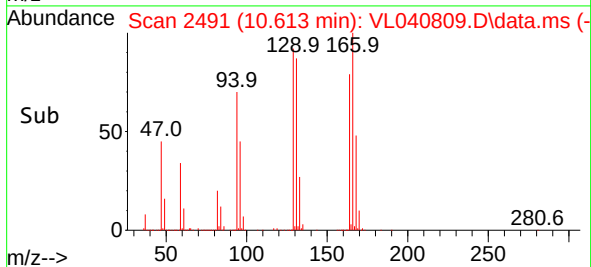
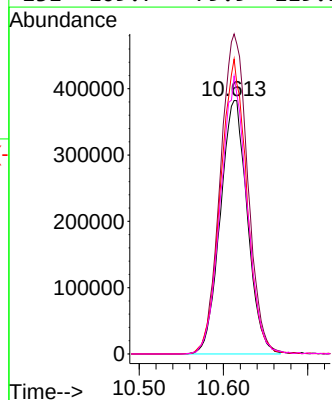
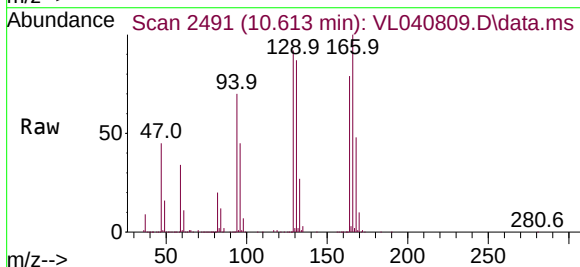
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

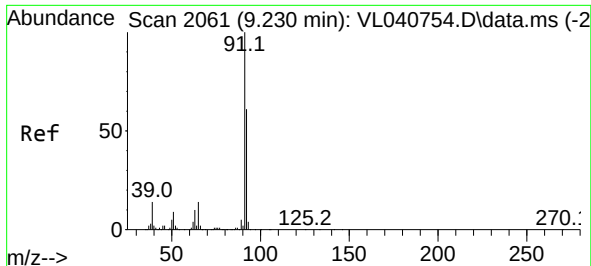
Tgt Ion: 43 Resp: 1913344
Ion Ratio Lower Upper
43 100
58 47.0 38.6 58.0
98 0.2 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.722 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion:164 Resp: 849190
Ion Ratio Lower Upper
164 100
166 126.3 102.4 153.6
129 116.4 84.2 126.4
131 109.7 79.9 119.9

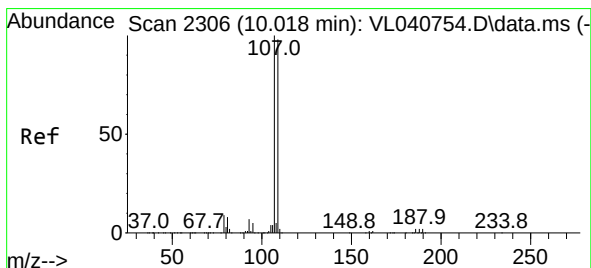
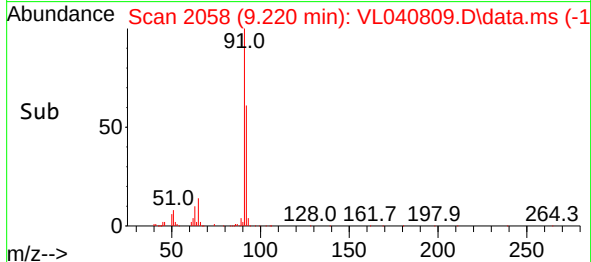
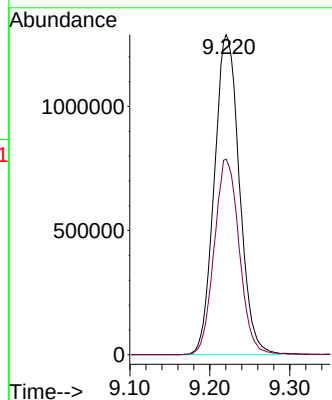
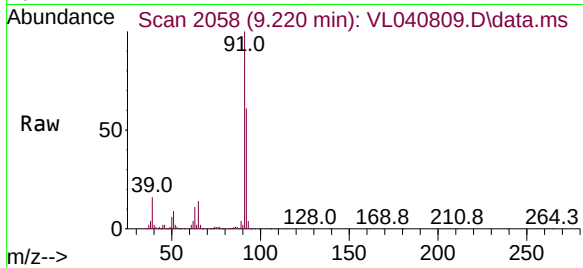




#53
Toluene
Concen: 10.948 ppbv
RT: 9.220 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

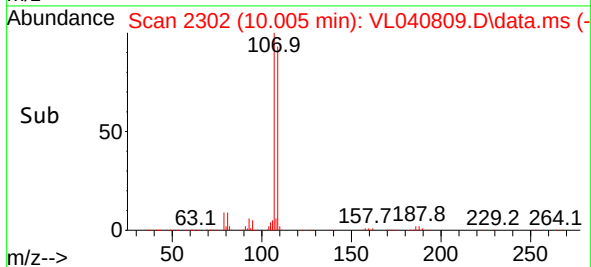
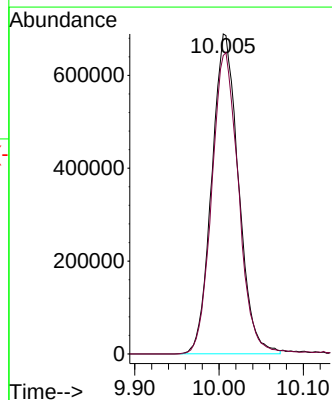
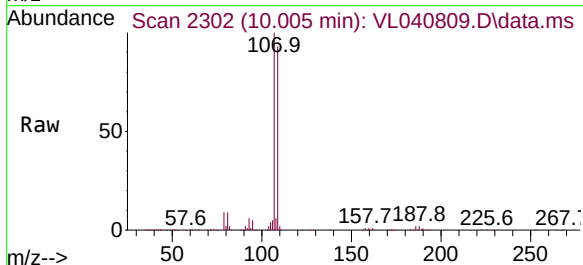
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

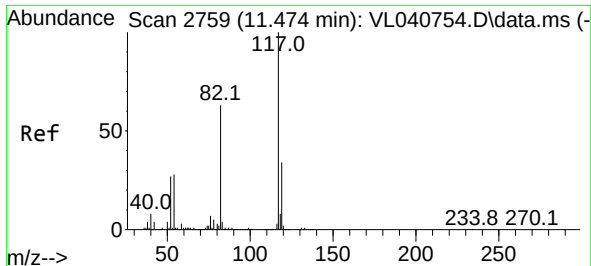
Tgt Ion: 91 Resp: 2801836
Ion Ratio Lower Upper
91 100
92 61.1 50.2 75.2



#54
1,2-Dibromoethane
Concen: 12.276 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 107 Resp: 1518752
Ion Ratio Lower Upper
107 100
109 93.2 78.2 117.2

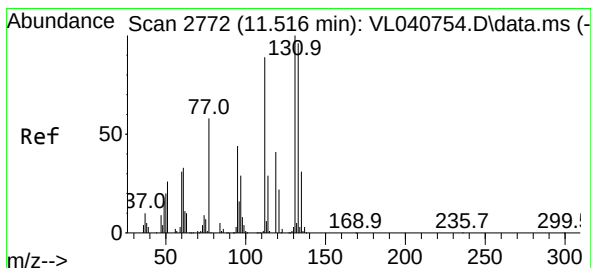
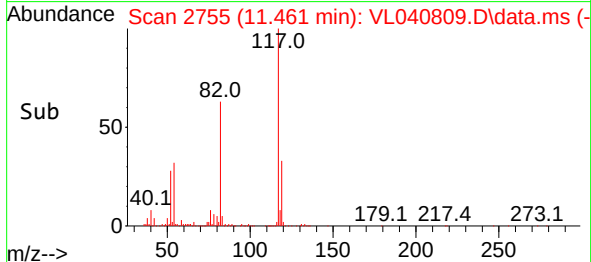
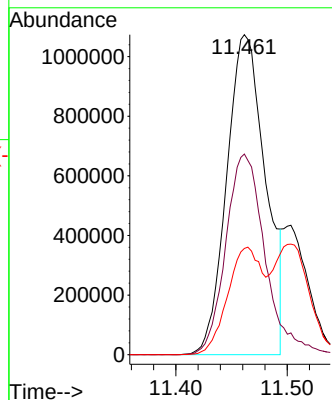
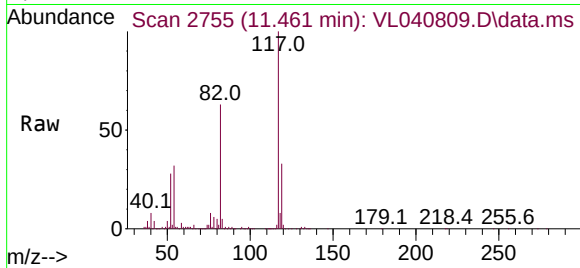




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

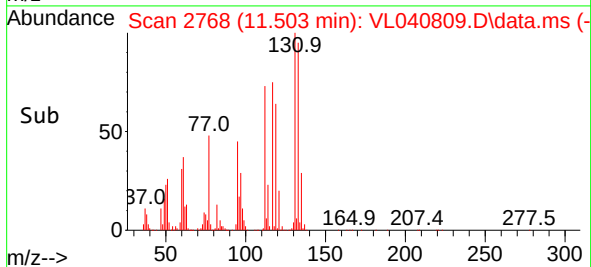
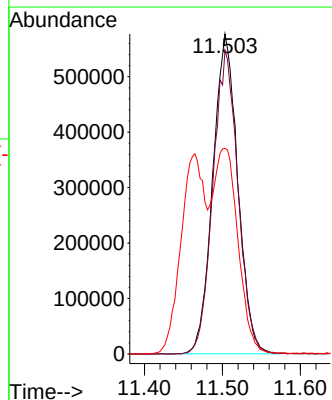
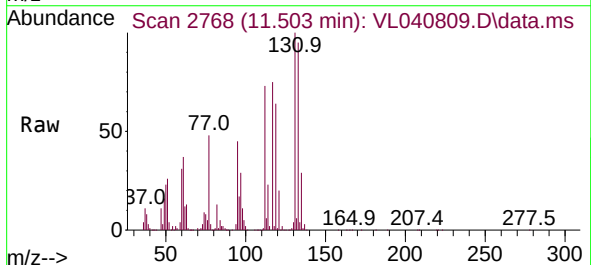
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

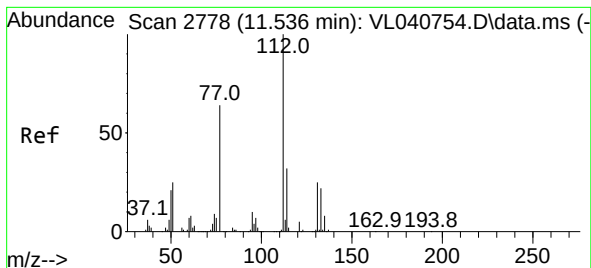
Tgt Ion:117 Resp: 2601266
Ion Ratio Lower Upper
117 100
82 63.8 46.6 70.0
119 29.8 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 12.076 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion:131 Resp: 1282068
Ion Ratio Lower Upper
131 100
133 95.5 75.0 112.6
119 62.6 45.4 68.0

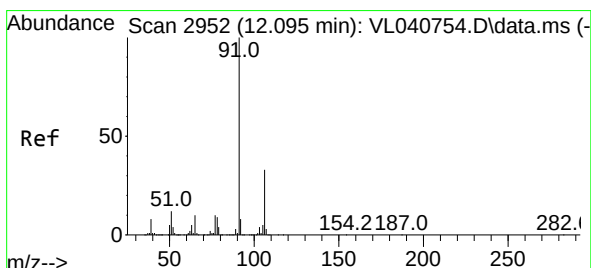
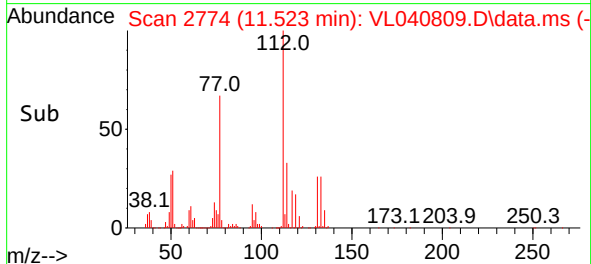
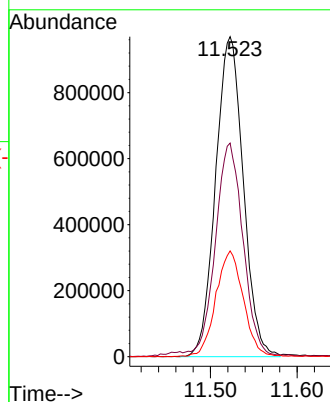
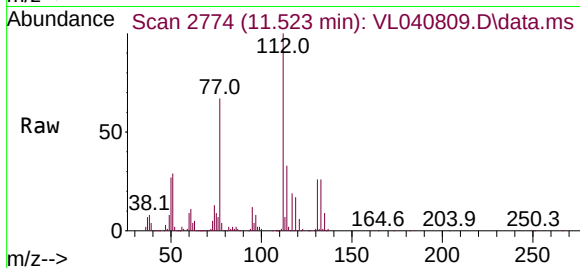




#57
Chlorobenzene
Concen: 11.543 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

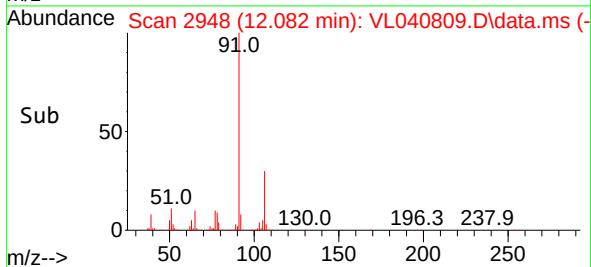
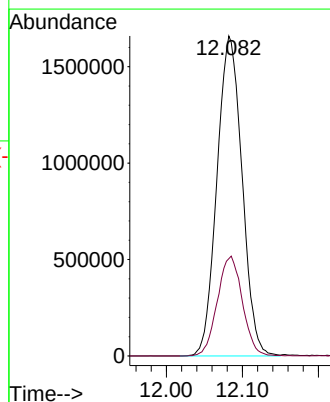
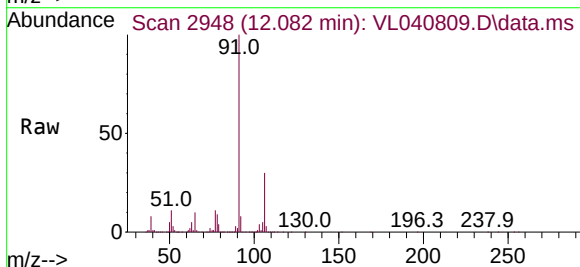
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

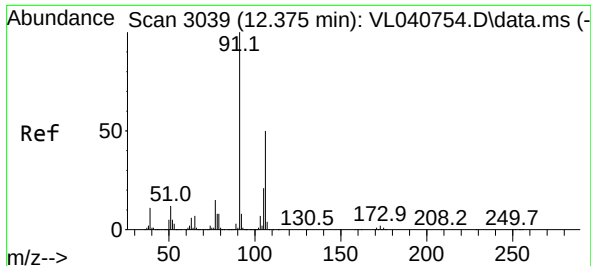
Tgt Ion:112 Resp: 2151331
Ion Ratio Lower Upper
112 100
77 66.3 51.9 77.9
114 32.9 28.6 35.0



#58
Ethyl Benzene
Concen: 11.595 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 91 Resp: 3797556
Ion Ratio Lower Upper
91 100
106 30.4 26.7 40.1





#59

m/p-Xylene

Concen: 12.564 ppbv

RT: 12.368 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

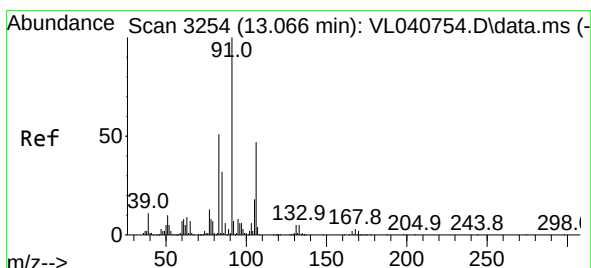
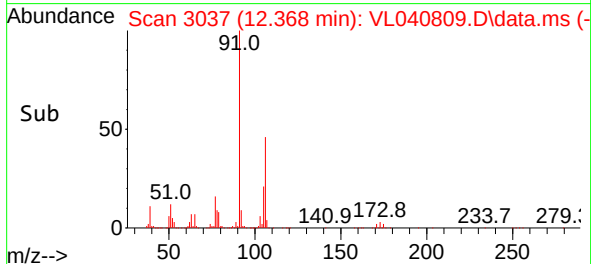
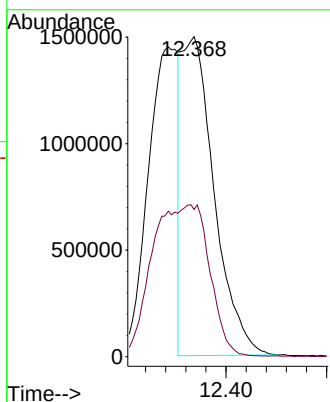
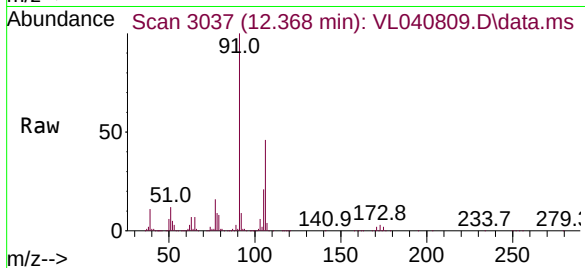
VSTDCCC010

Tgt Ion: 91 Resp: 3386720

Ion Ratio Lower Upper

91 100

106 83.8 37.7 56.5#



#60

o-Xylene

Concen: 11.898 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VL040809.D

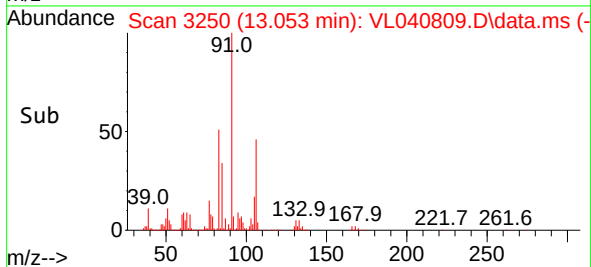
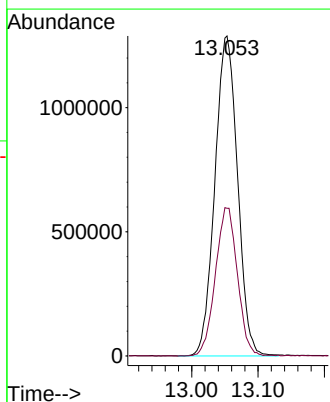
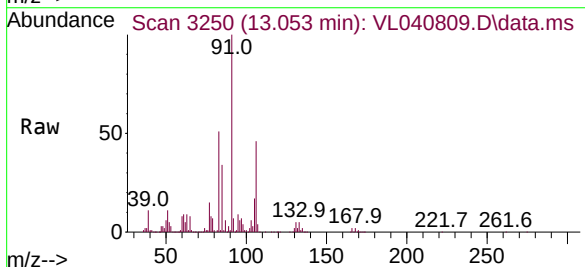
Acq: 8 Nov 2023 13:08

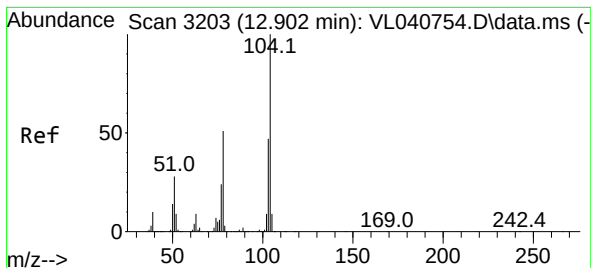
Tgt Ion: 91 Resp: 3055878

Ion Ratio Lower Upper

91 100

106 45.2 23.5 70.5





#61

Styrene

Concen: 11.601 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

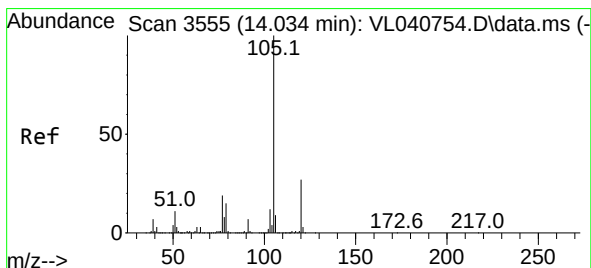
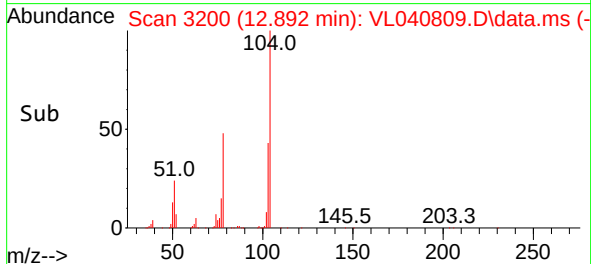
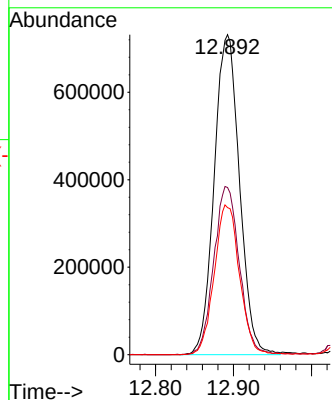
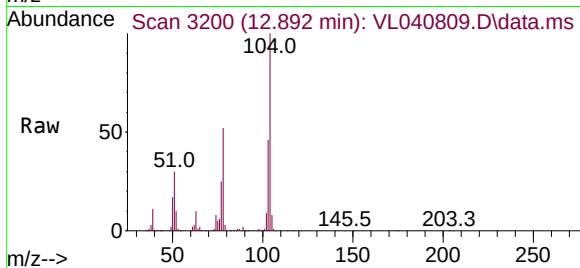
Tgt Ion:104 Resp: 1650886

Ion Ratio Lower Upper

104 100

78 53.2 39.8 59.6

103 46.9 37.5 56.3



#62

Isopropylbenzene

Concen: 11.243 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.000 min

Lab File: VL040809.D

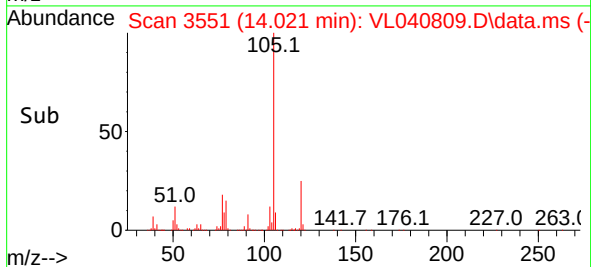
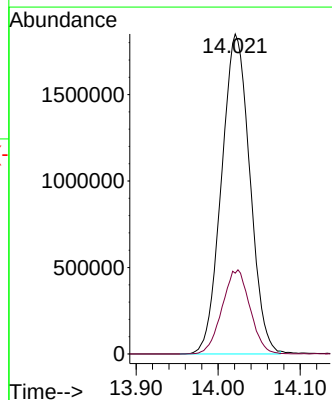
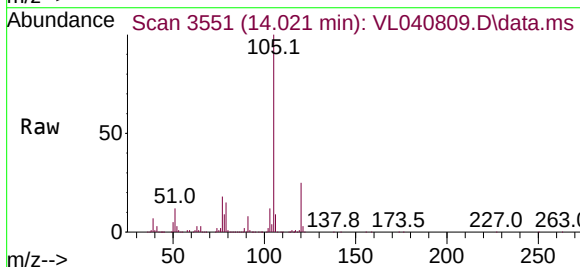
Acq: 8 Nov 2023 13:08

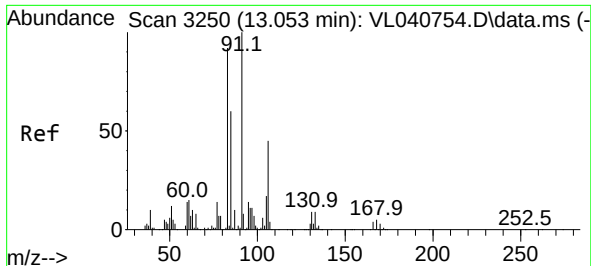
Tgt Ion:105 Resp: 4442367

Ion Ratio Lower Upper

105 100

120 25.9 21.5 32.3

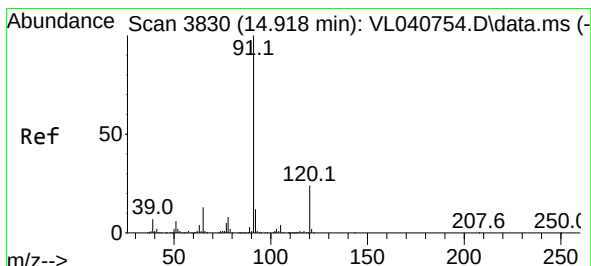
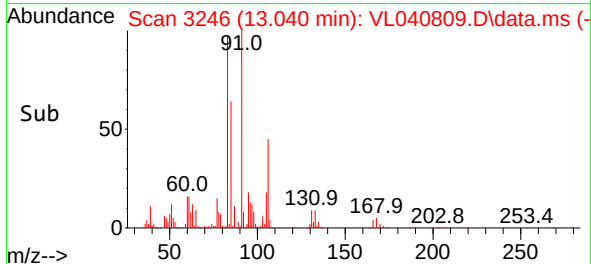
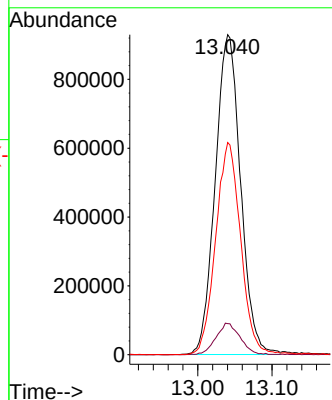
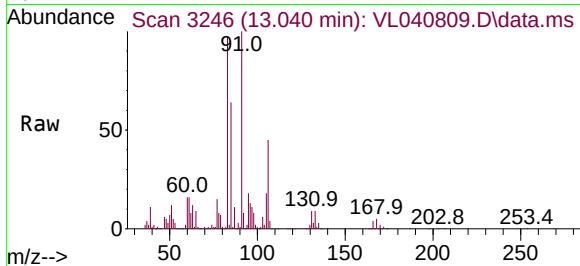




#63
1,1,2,2-Tetrachloroethane
Concen: 11.463 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

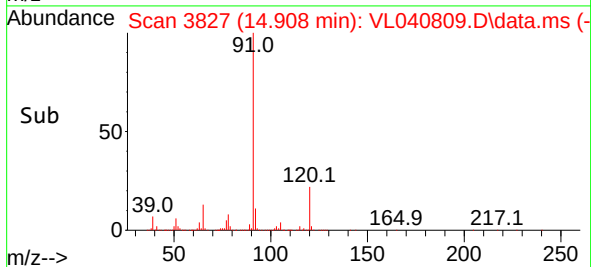
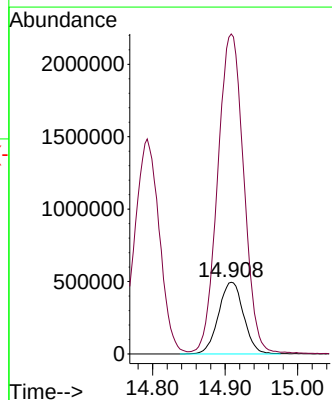
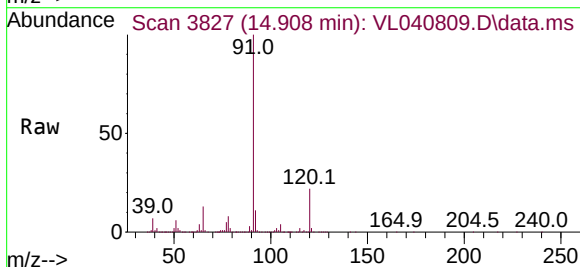
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

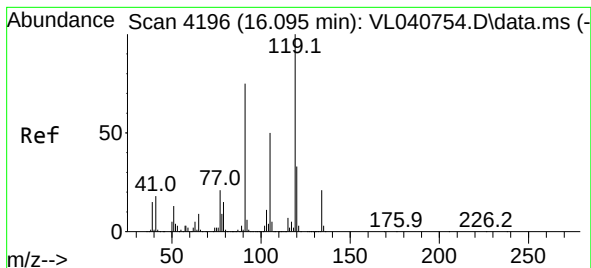
Tgt Ion: 83 Resp: 2207334
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 65.8 32.9 98.7



#64
n-propylbenzene
Concen: 11.183 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 120 Resp: 1187033
Ion Ratio Lower Upper
120 100
91 467.2 345.9 518.9

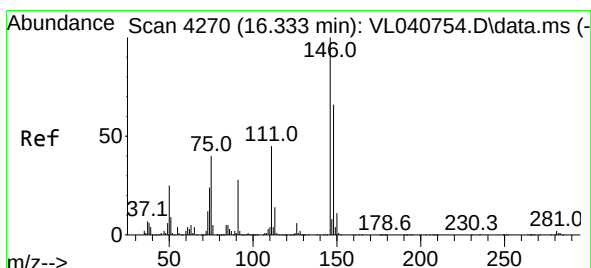
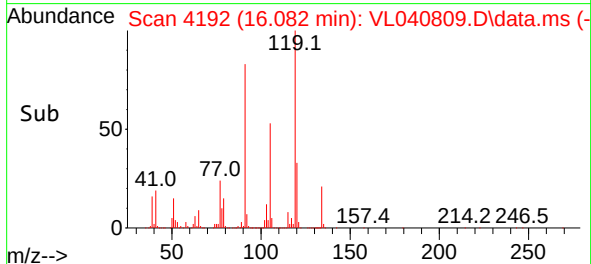
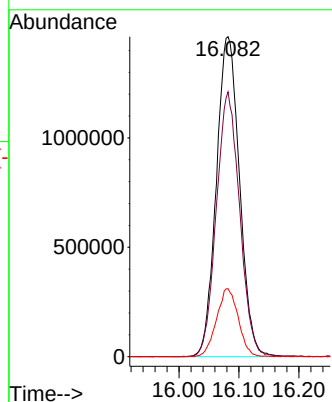
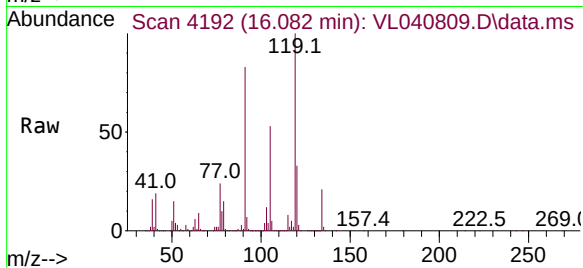




#65
tert-Butylbenzene
Concen: 11.024 ppbv
RT: 16.082 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

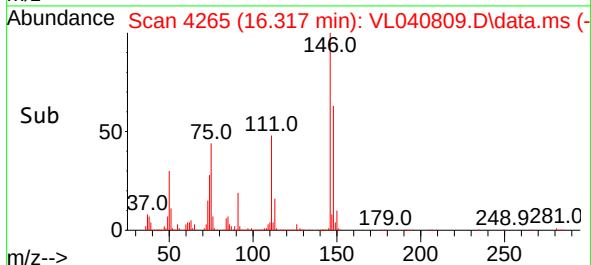
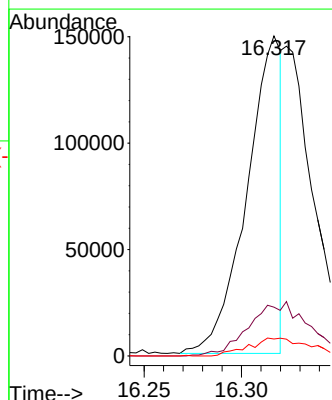
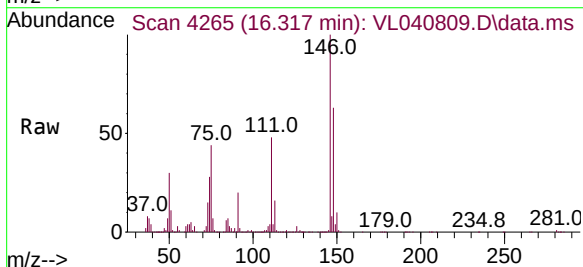
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

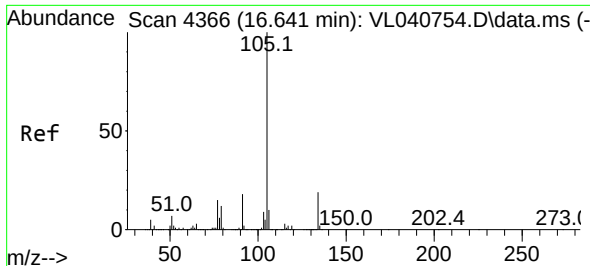
Tgt Ion:119 Resp: 3928670
Ion Ratio Lower Upper
119 100
91 82.9 62.2 93.2
134 20.0 16.1 24.1



#66
Benzyl Chloride
Concen: 5.105 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 91 Resp: 183289
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 10.6 5.2 7.8#

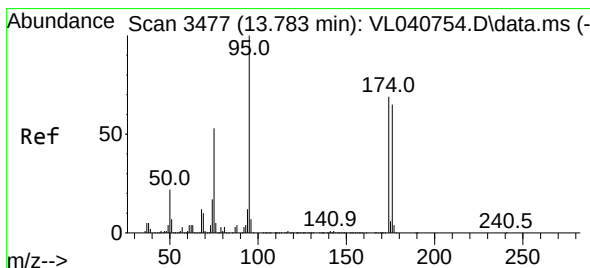
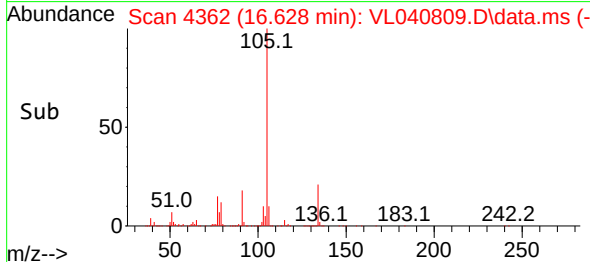
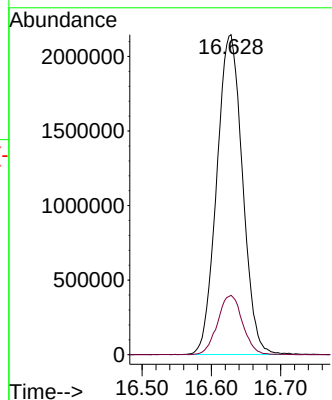
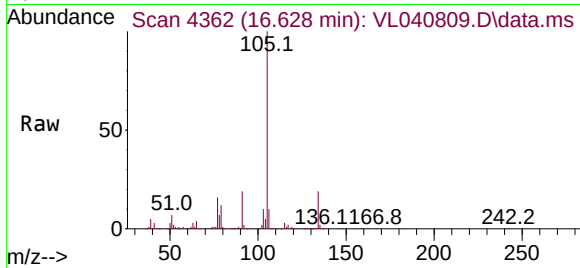




#67
 sec-Butylbenzene
 Concen: 11.351 ppbv
 RT: 16.628 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

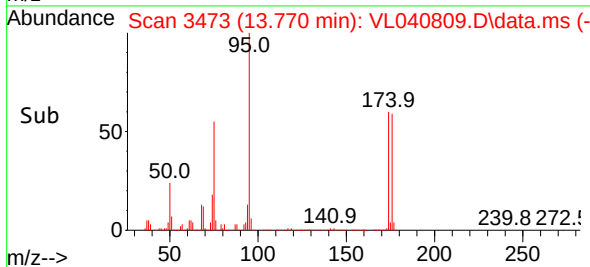
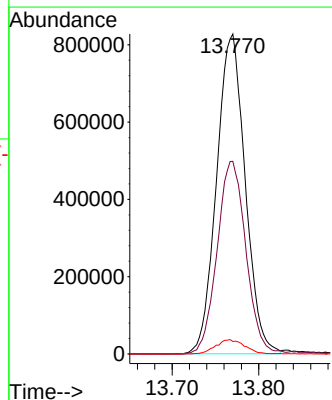
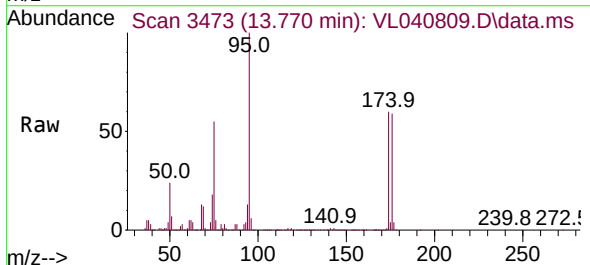
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

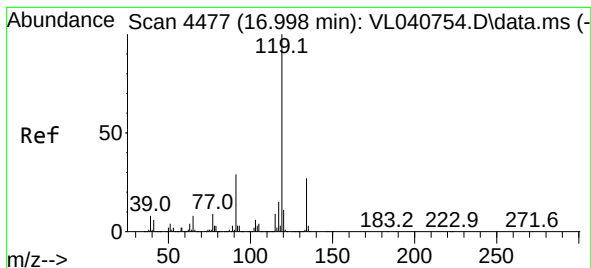
Tgt Ion:105 Resp: 5538520
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.919 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL040809.D
 Acq: 8 Nov 2023 13:08

Tgt Ion: 95 Resp: 1898650
 Ion Ratio Lower Upper
 95 100
 174 61.2 54.7 82.1
 175 4.6 4.2 6.4





#69

p-Isopropyltoluene

Concen: 11.165 ppbv

RT: 16.985 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

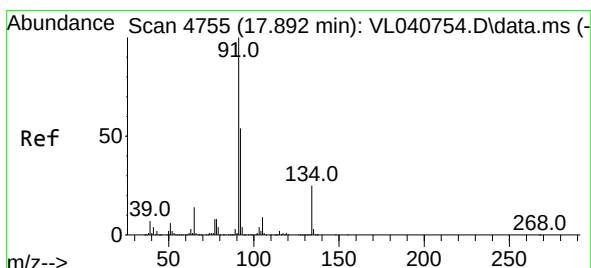
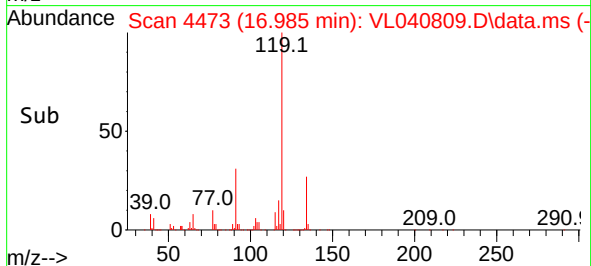
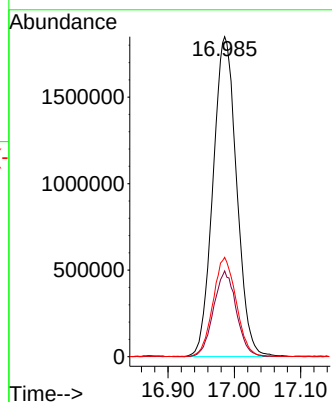
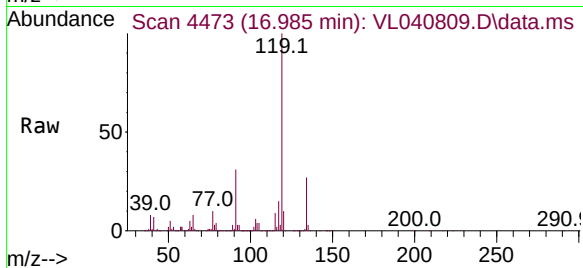
Tgt Ion:119 Resp: 4565139

Ion Ratio Lower Upper

119 100

134 25.9 21.0 31.4

91 30.6 22.8 34.2



#70

n-Butylbenzene

Concen: 12.061 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

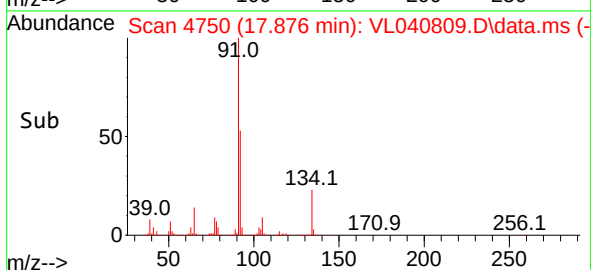
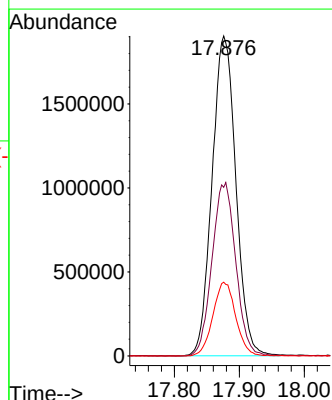
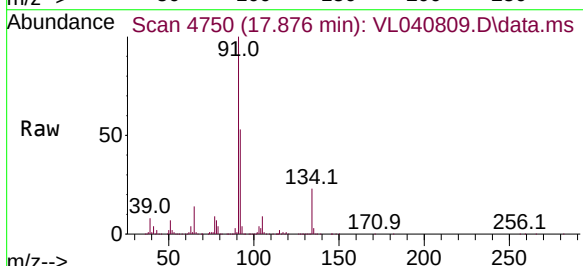
Tgt Ion: 91 Resp: 4842476

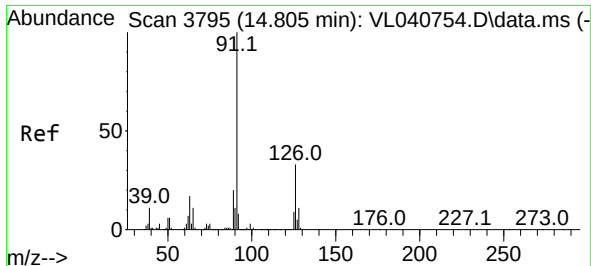
Ion Ratio Lower Upper

91 100

92 54.2 44.1 66.1

134 22.2 19.5 29.3

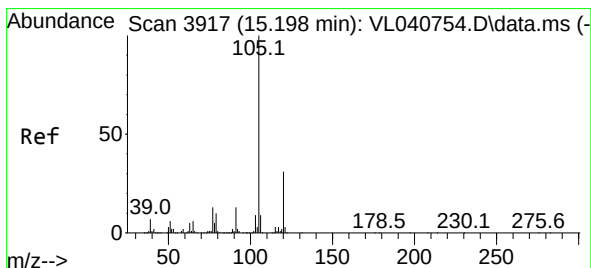
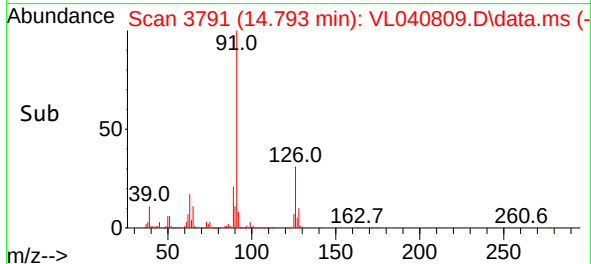
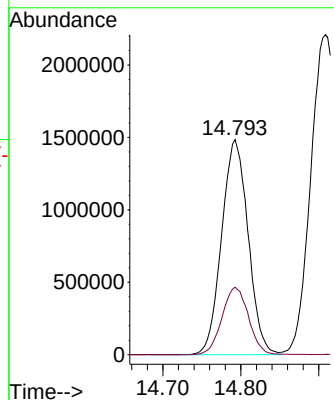
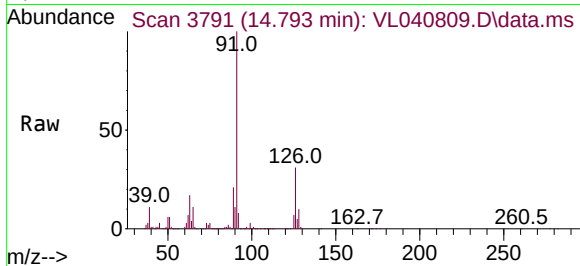




#71
2-Chlorotoluene
Concen: 11.811 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

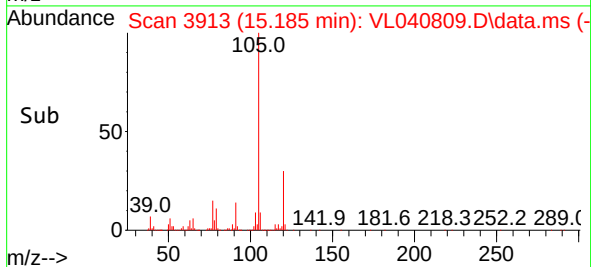
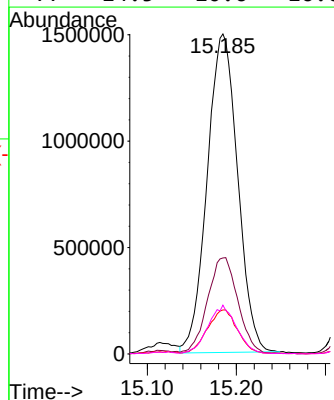
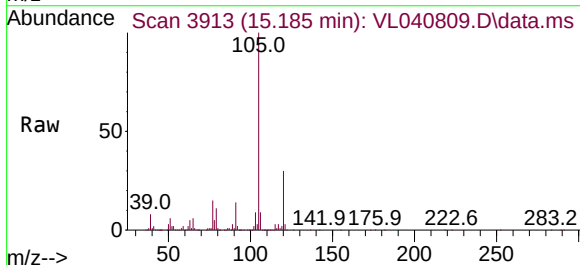
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

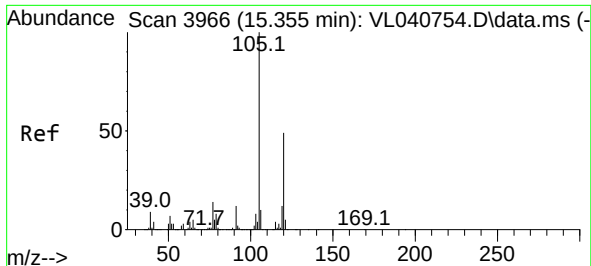
Tgt Ion: 91 Resp: 3505645
Ion Ratio Lower Upper
91 100
126 31.5 13.3 53.1



#72
4-Ethyltoluene
Concen: 11.807 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion: 105 Resp: 3551418
Ion Ratio Lower Upper
105 100
120 30.4 25.0 37.4
91 13.6 9.8 14.8
77 14.5 10.6 16.0

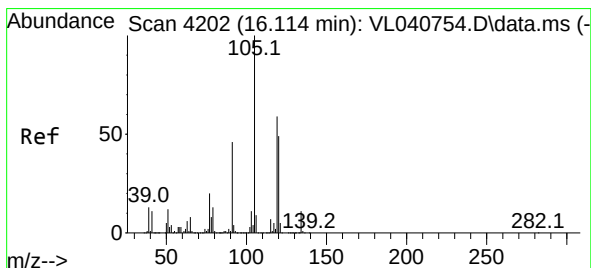
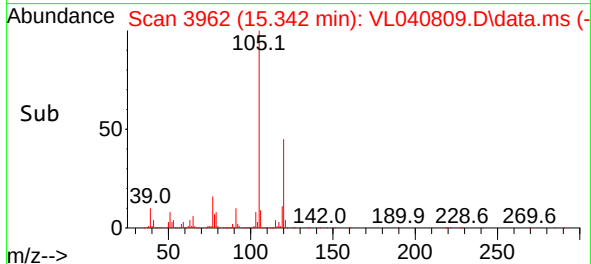
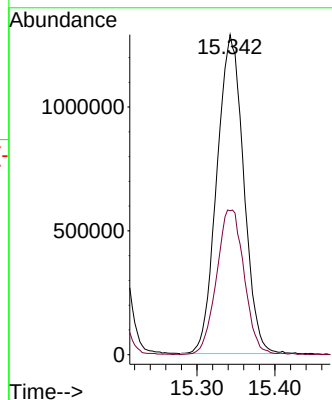
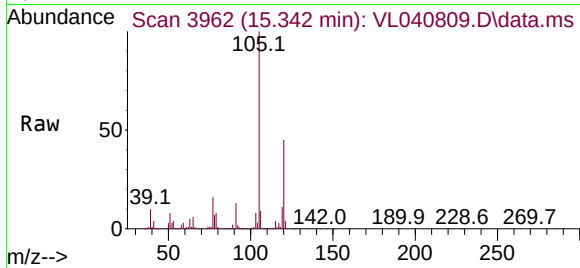




#73
1,3,5-Trimethylbenzene
Concen: 11.595 ppbv
RT: 15.342 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

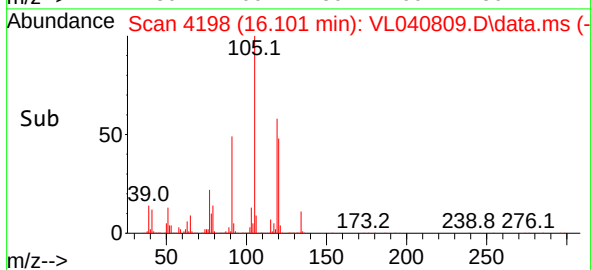
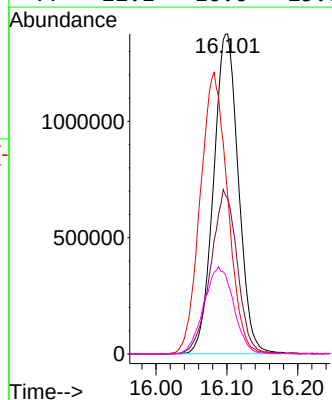
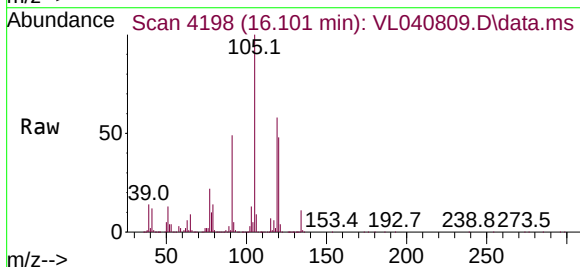
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

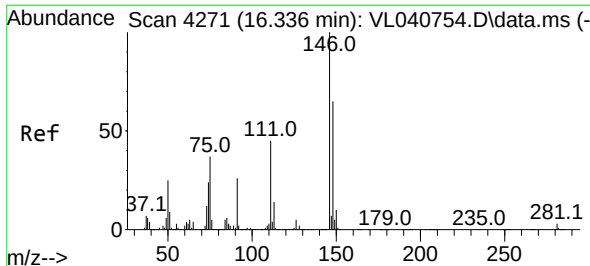
Tgt Ion:105 Resp: 3070580
Ion Ratio Lower Upper
105 100
120 45.1 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 11.605 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion:105 Resp: 3357662
Ion Ratio Lower Upper
105 100
120 48.3 39.4 59.2
91 49.3 38.6 58.0
77 22.1 16.6 25.0

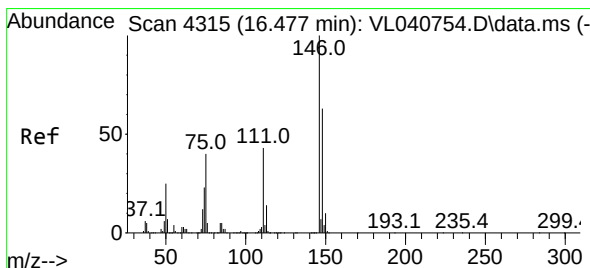
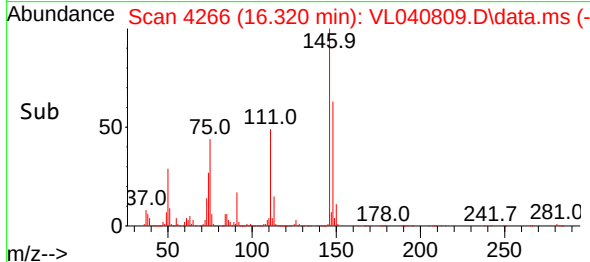
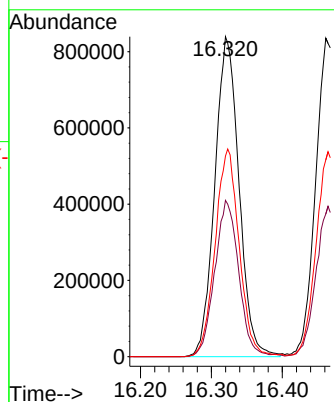
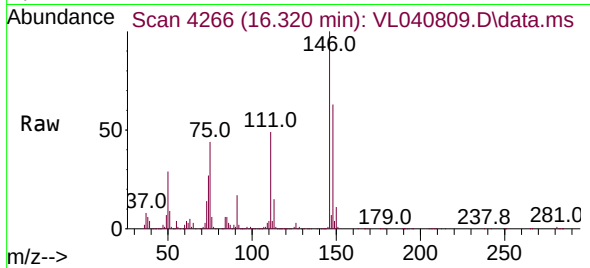




#75
1,3-Dichlorobenzene
Concen: 11.059 ppbv
RT: 16.320 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

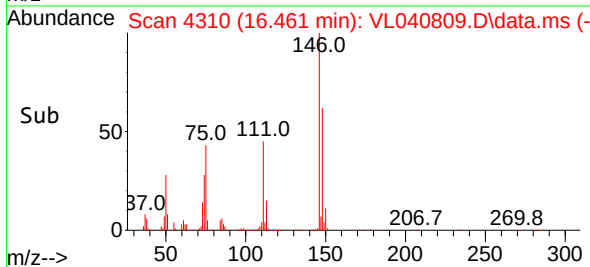
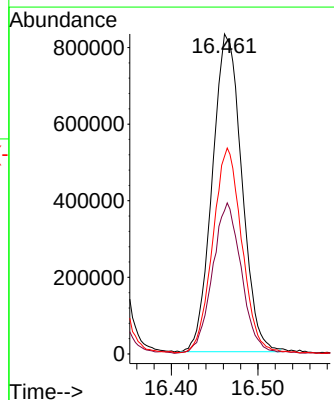
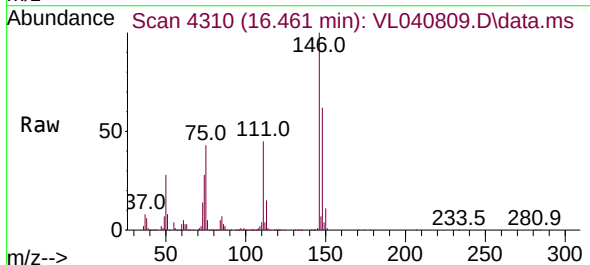
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

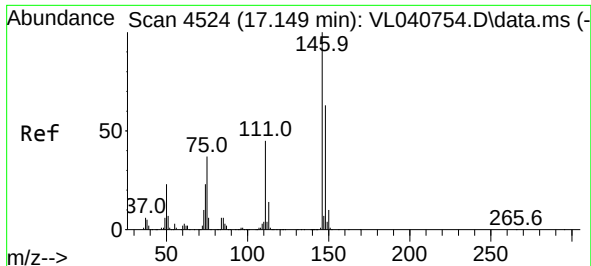
Tgt Ion:146 Resp: 1990017
Ion Ratio Lower Upper
146 100
111 48.7 22.6 67.7
148 64.5 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 11.001 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion:146 Resp: 1960481
Ion Ratio Lower Upper
146 100
111 47.2 22.0 66.0
148 65.0 33.4 100.1

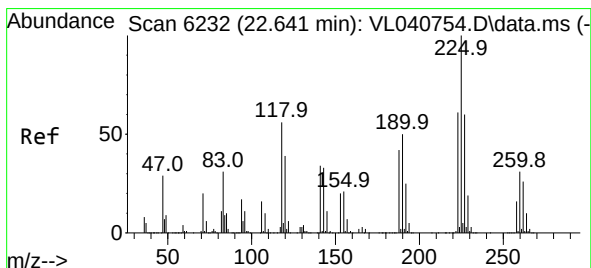
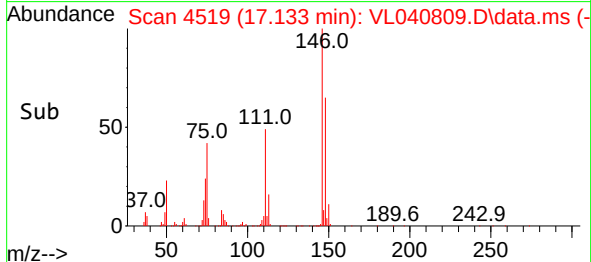
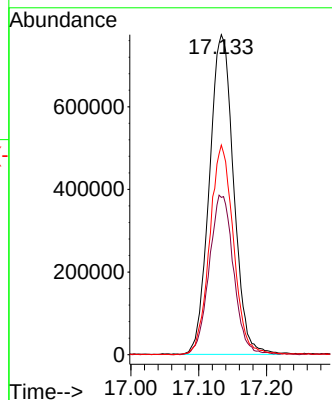
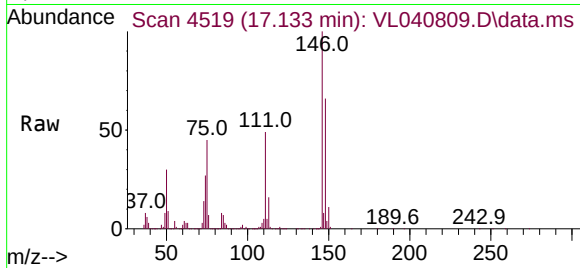




#77
1,2-Dichlorobenzene
Concen: 10.886 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

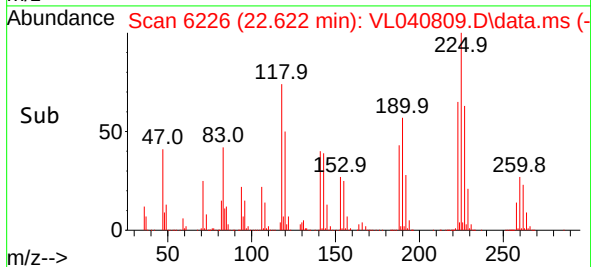
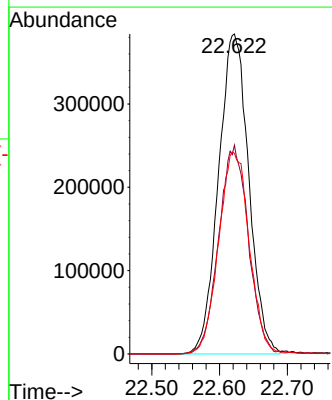
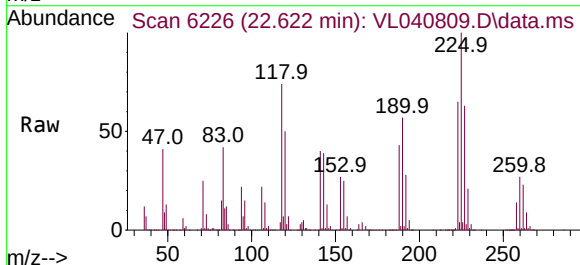
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

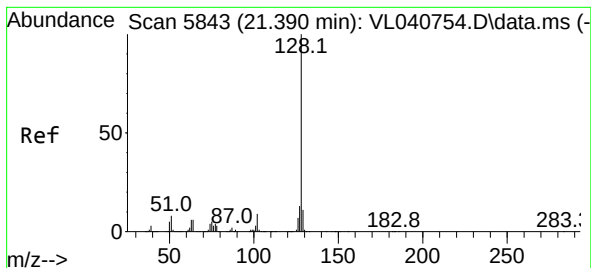
Tgt Ion:146 Resp: 1922022
Ion Ratio Lower Upper
146 100
111 50.3 22.9 68.8
148 64.5 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 9.423 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL040809.D
Acq: 8 Nov 2023 13:08

Tgt Ion:225 Resp: 1190402
Ion Ratio Lower Upper
225 100
223 64.6 50.7 76.1
227 64.3 51.4 77.0





#79

Naphthalene

Concen: 12.075 ppbv

RT: 21.371 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

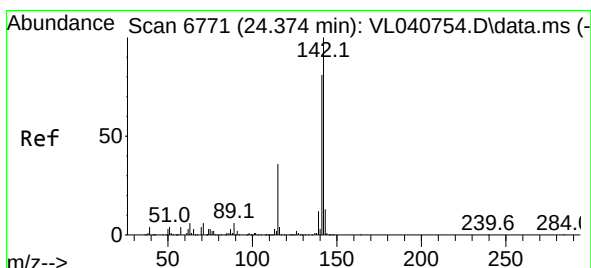
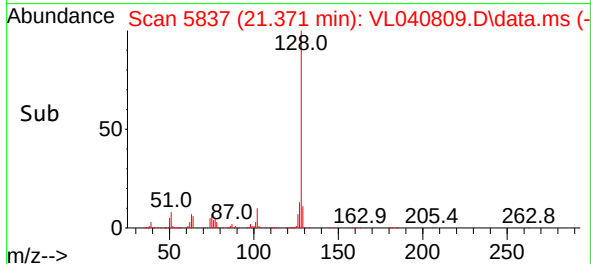
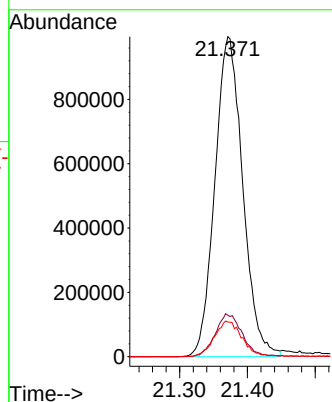
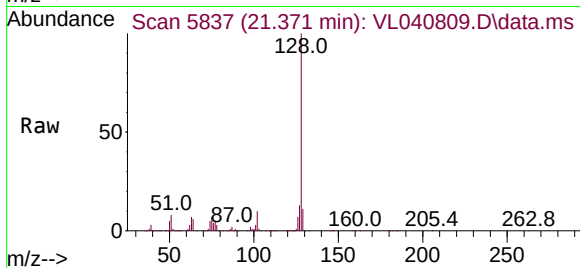
Tgt Ion:128 Resp: 2839888

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.8 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 11.136 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.000 min

Lab File: VL040809.D

Acq: 8 Nov 2023 13:08

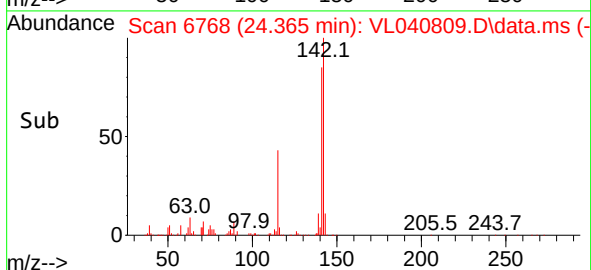
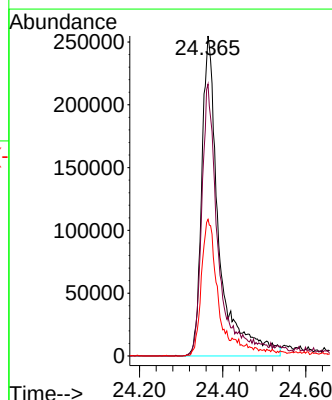
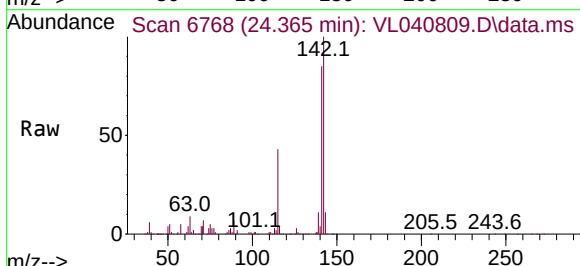
Tgt Ion:142 Resp: 734925

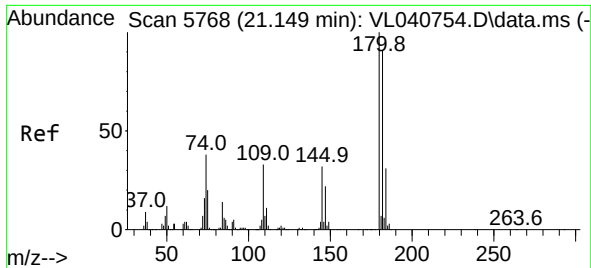
Ion Ratio Lower Upper

142 100

141 82.3 66.3 99.5

115 45.1 30.0 45.0#





#81

1,2,4-Trichlorobenzene

Concen: 11.043 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040809.D

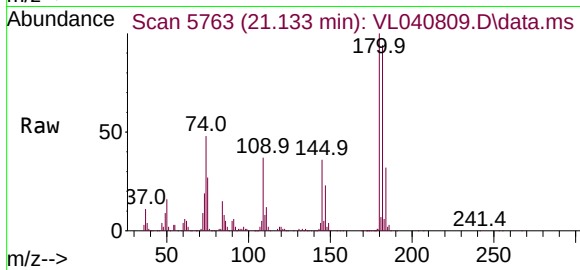
Acq: 8 Nov 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1410025

Ion Ratio Lower Upper

180 100

182 98.8 77.9 116.9

184 30.5 25.0 37.6

