

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039918.D
 Acq On : 21 Nov 2022 21:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Nov 22 03:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1095278	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	3074303	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	3059621	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2248662	9.622	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	1631942	10.404	ppbv	96
3) Chlorodifluoromethane	2.652	51	1381431	9.140	ppbv	97
4) Chloromethane	2.790	50	874059	9.050	ppbv	97
5) Vinyl Chloride	2.896	62	750460	9.944	ppbv	99
6) Bromomethane	3.095	94	270599	10.512	ppbv	98
7) Chloroethane	3.172	64	279223	9.360	ppbv	97
8) Dichlorotetrafluoroethane	2.832	85	1786939	9.976	ppbv	100
9) Propene	2.671	41	629709	8.845	ppbv	98
10) Heptane	7.558	43	1563112	9.099	ppbv	99
11) Trichlorofluoromethane	3.539	101	1872327	9.786	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1387052	9.578	ppbv	98
13) Ethanol	3.211	45	14765	2.716	ppbv #	1
14) Bromoethene	3.343	108	570267	10.098	ppbv	99
15) Acetone	3.443	43	1478367	10.176	ppbv	98
16) 1,3-Butadiene	2.960	39	700066	9.669	ppbv	99
17) tert-Butyl alcohol	3.851	59	1533673	9.182	ppbv	99
18) 1,1-Dichloroethene	3.857	96	637024	9.644	ppbv	94
19) Isopropyl Alcohol	3.552	45	726359	9.234	ppbv #	32
20) Methylene Chloride	3.909	84	527067	7.488	ppbv	98
21) Allyl Chloride	3.973	41	933267	9.261	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	655677	9.761	ppbv	98
23) Vinyl Acetate	4.600	43	602173	10.090	ppbv	98
24) 1,1-Dichloroethane	4.539	63	1356637	9.427	ppbv	99
25) Ethyl Acetate	5.182	43	2735007	10.254	ppbv	100
26) Hexane	5.188	57	1173849	10.074	ppbv	99
27) Carbon Disulfide	4.098	76	1504337	10.226	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	1316348	9.023	ppbv	100
29) Chloroform	5.253	83	1916433	12.376	ppbv	100
30) Cyclohexane	6.581	84	1039955	9.095	ppbv	98
31) cis-1,2-Dichloroethene	5.053	61	1047283	9.728	ppbv	99
32) 1,1,1-Trichloroethane	5.979	97	1968913	10.181	ppbv	98
34) 2-Butanone	4.761	43	1500853	10.203	ppbv	98
35) Carbon Tetrachloride	6.471	117	2026742	11.608	ppbv	98
36) Benzene	6.346	78	2615179	10.008	ppbv	98
37) 1,2-Dichloroethane	5.783	62	1516575	10.590	ppbv	99
38) Trichloroethene	7.269	130	1481920	10.145	ppbv	98
39) 1,2-Dichloropropane	7.053	63	1004052	9.862	ppbv	98
40) 1,4-Dioxane	7.266	88	374156	9.225	ppbv	90
41) Tetrahydrofuran	5.532	42	1028559	10.128	ppbv	99
42) Bromodichloromethane	7.230	83	2154608	11.094	ppbv	99
43) Methyl Methacrylate	7.455	69	1057911	10.326	ppbv	99
44) 2,2,4-Trimethylpentane	7.304	57	4200710	9.629	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	1053462	11.130	ppbv	100

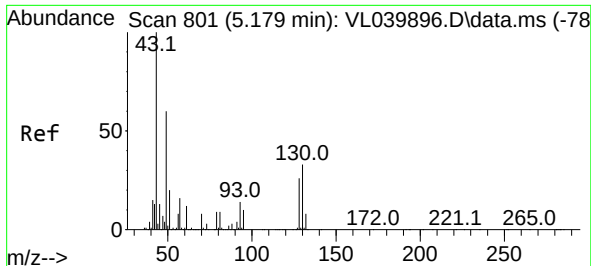
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
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Quant Time: Nov 22 03:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1400588	10.681	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	1069512	10.221	ppbv	98
48) Dibromochloromethane	9.693	129	1820995	11.882	ppbv	100
49) Bromoform	12.394	173	1469901	11.849	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	2651651	10.065	ppbv	99
51) 2-Hexanone	9.532	43	2108561	10.310	ppbv #	99
52) Tetrachloroethene	10.600	164	928359	9.497	ppbv	96
53) Toluene	9.204	91	2992549	10.053	ppbv	100
54) 1,2-Dibromoethane	9.992	107	1262099	11.303	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.490	131	1297385	10.373	ppbv	96
57) Chlorobenzene	11.513	112	2321872	9.925	ppbv	96
58) Ethyl Benzene	12.076	91	4075166	9.818	ppbv	100
59) m/p-Xylene	12.355	91	3431488	9.877	ppbv #	34
60) o-Xylene	13.047	91	3264848	9.854	ppbv	99
61) Styrene	12.883	104	2015527	10.192	ppbv	100
62) Isopropylbenzene	14.018	105	4689925	9.816	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1121634	10.139	ppbv	100
64) n-propylbenzene	14.905	120	1242586	9.942	ppbv	93
65) tert-Butylbenzene	16.082	119	4161827	9.958	ppbv	99
66) Benzyl Chloride	16.323	91	344745	9.625	ppbv	99
67) sec-Butylbenzene	16.625	105	5780878	10.059	ppbv	98
69) p-Isopropyltoluene	16.989	119	4802599	10.145	ppbv	100
70) n-Butylbenzene	17.879	91	4928374	10.501	ppbv	99
71) 2-Chlorotoluene	14.789	91	3607473	9.962	ppbv	99
72) 4-Ethyltoluene	15.182	105	3873502	10.401	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3433517	10.072	ppbv	100
74) 1,2,4-Trimethylbenzene	16.098	105	3684283	10.208	ppbv #	93
75) 1,3-Dichlorobenzene	16.323	146	2097850	10.331	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	2074921	10.307	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	2007817	10.256	ppbv	99
78) Hexachloro-1,3-Butadiene	22.631	225	1394454	10.265	ppbv	100
79) Naphthalene	21.381	128	2864279	13.260	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	1068784	17.592	ppbv	93
81) 1,2,4-Trichlorobenzene	21.136	180	1521494	11.406	ppbv	99

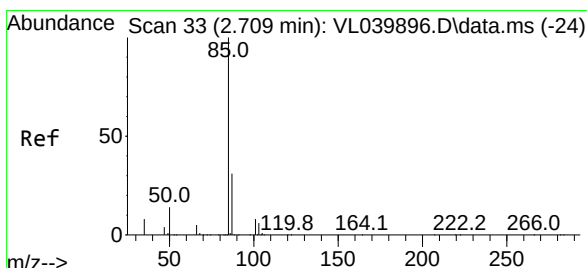
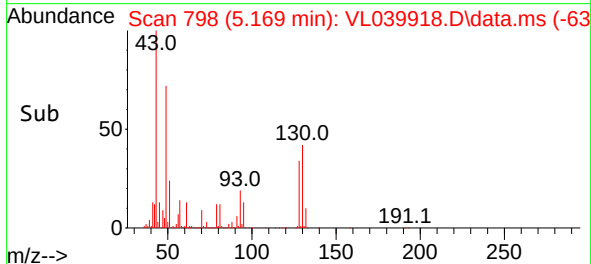
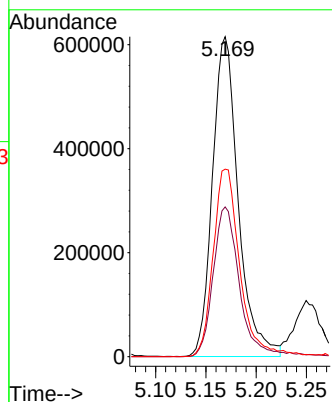
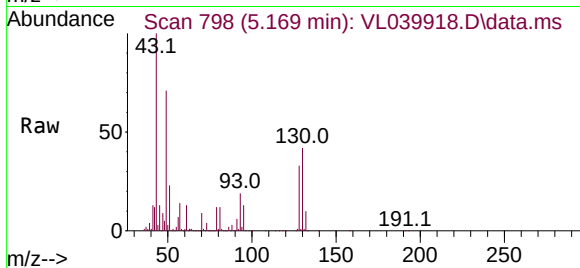
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

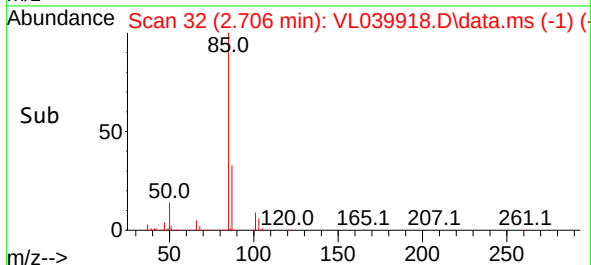
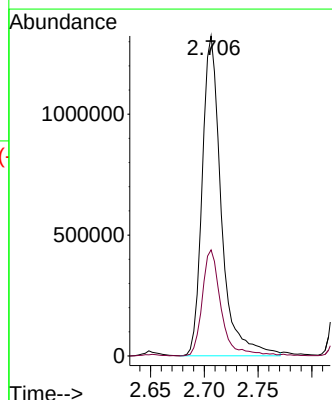
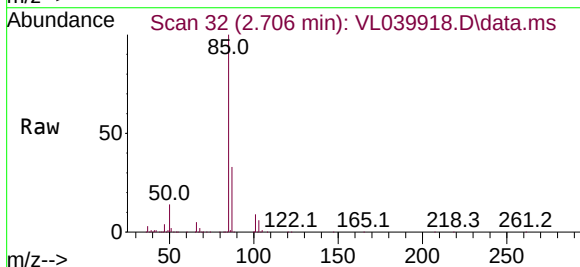
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

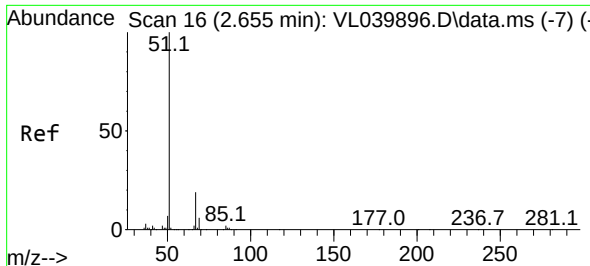
Tgt Ion: 49 Resp: 1095278
Ion Ratio Lower Upper
49 100
128 48.7 22.1 66.3
130 61.6 27.7 83.1



#2
Dichlorodifluoromethane
Concen: 10.404 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 85 Resp: 1631942
Ion Ratio Lower Upper
85 100
87 33.1 25.0 37.4

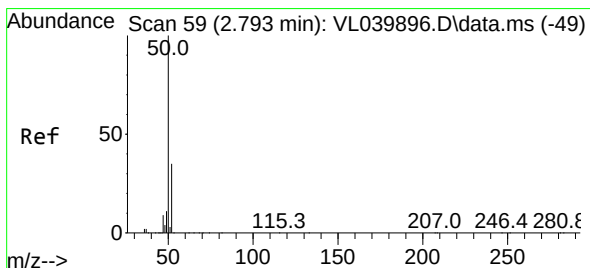
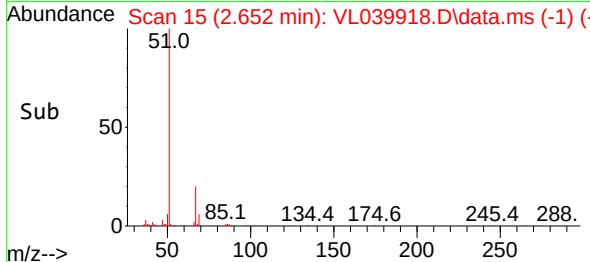
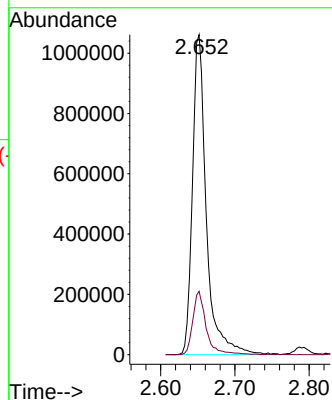
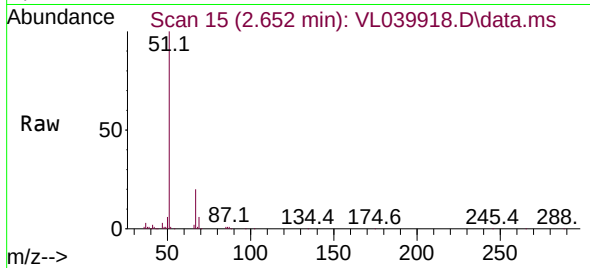




#3
Chlorodifluoromethane
Concen: 9.140 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

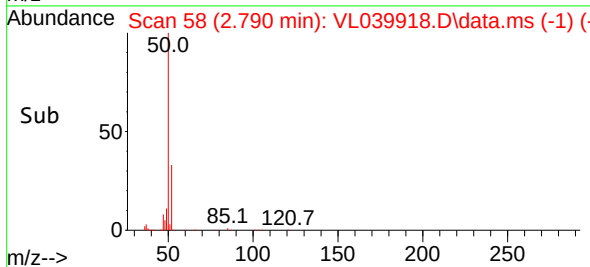
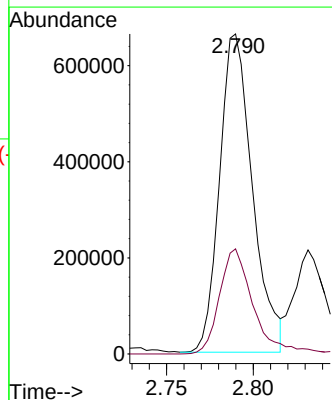
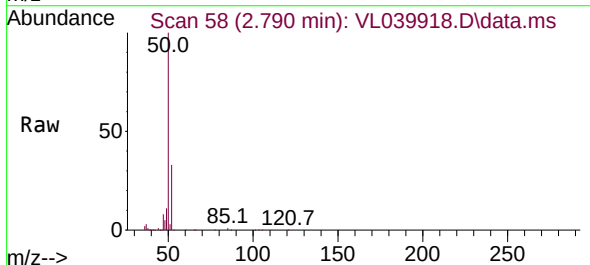
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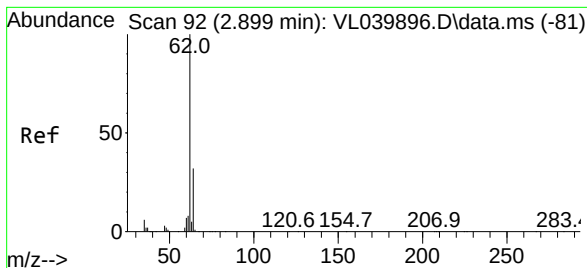
Tgt Ion: 51 Resp: 1381431
Ion Ratio Lower Upper
51 100
67 19.3 14.2 21.4



#4
Chloromethane
Concen: 9.050 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 50 Resp: 874059
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.8

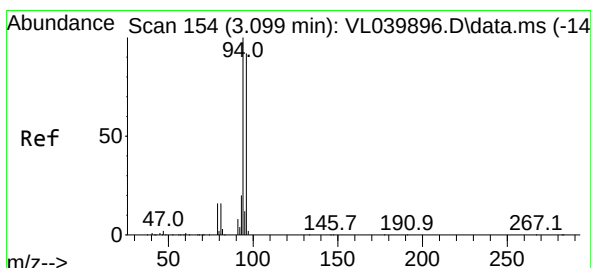
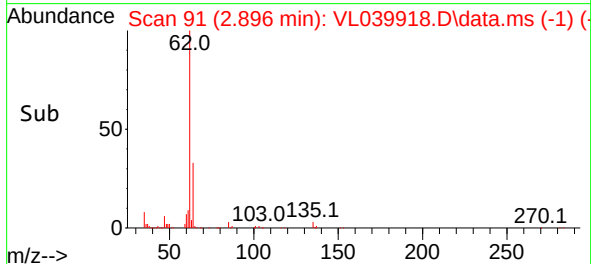
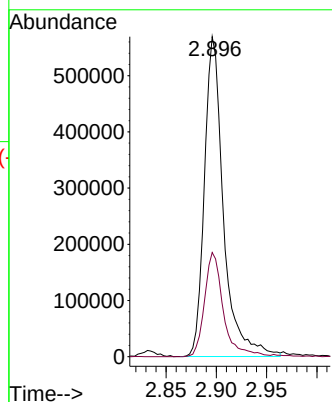
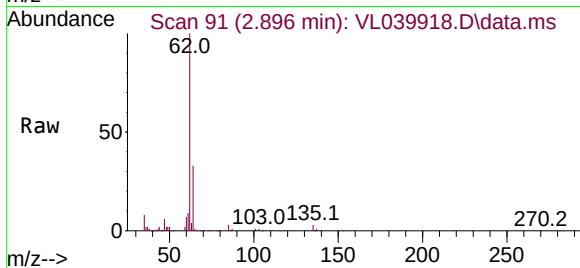




#5
 Vinyl Chloride
 Concen: 9.944 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.009 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

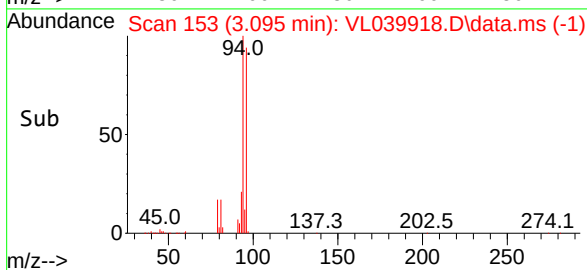
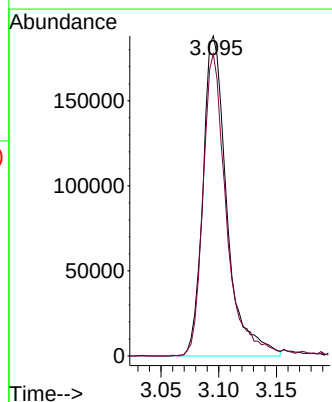
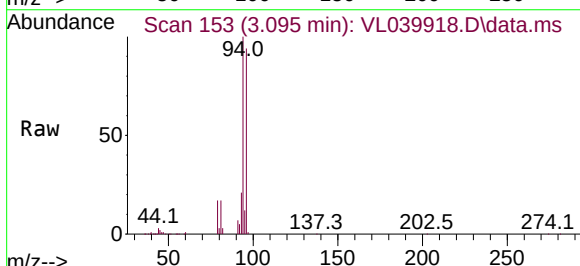
Instrument :
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 ClientSampleId :
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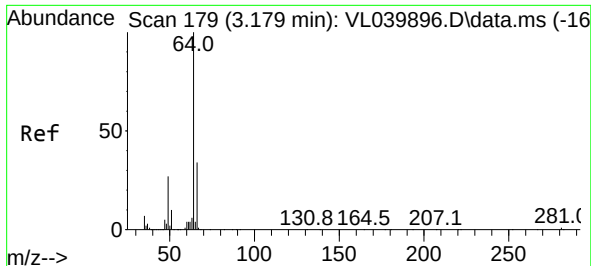
Tgt Ion: 62 Resp: 750460
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.7 38.5



#6
 Bromomethane
 Concen: 10.512 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

Tgt Ion: 94 Resp: 270599
 Ion Ratio Lower Upper
 94 100
 96 94.1 73.7 110.5

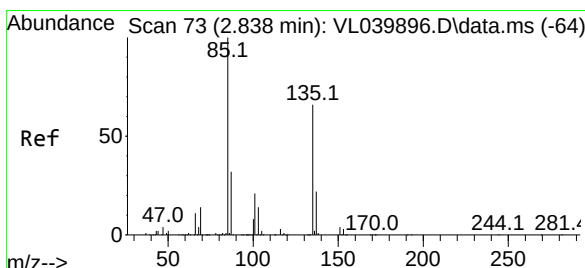
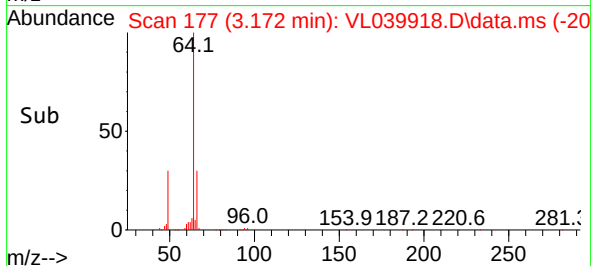
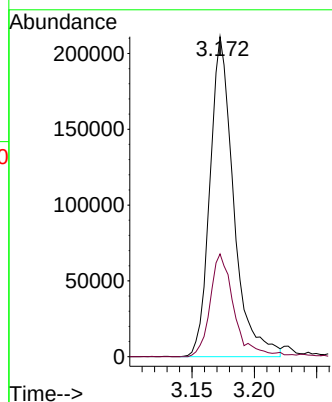
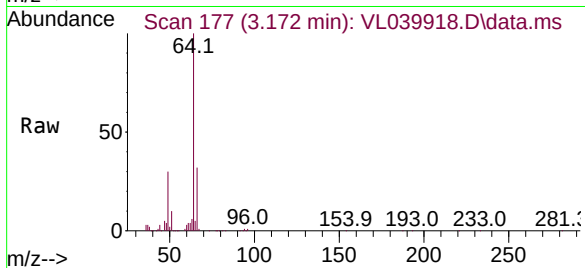




#7
Chloroethane
Concen: 9.360 ppbv
RT: 3.172 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

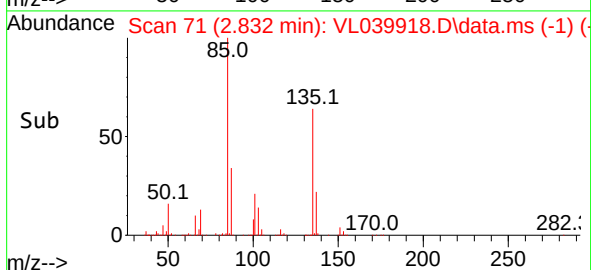
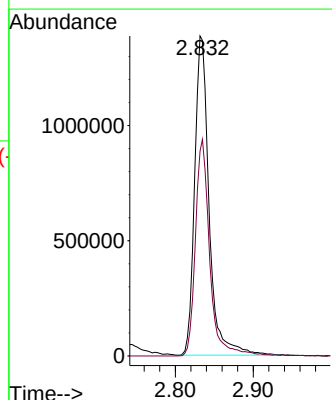
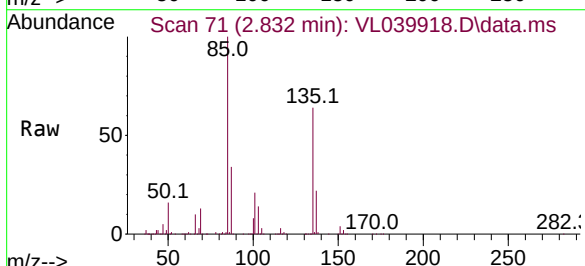
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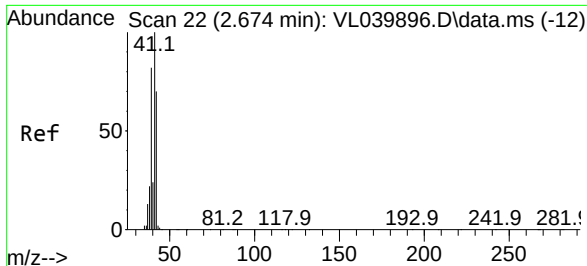
Tgt Ion: 64 Resp: 279223
Ion Ratio Lower Upper
64 100
66 32.1 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.976 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 85 Resp: 1786939
Ion Ratio Lower Upper
85 100
135 67.6 54.1 81.1

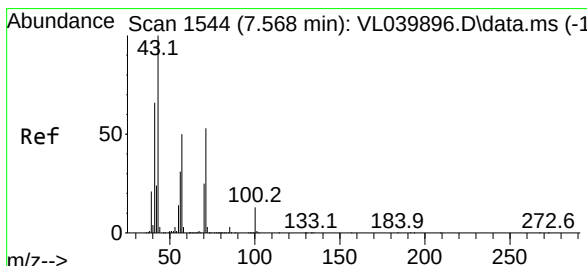
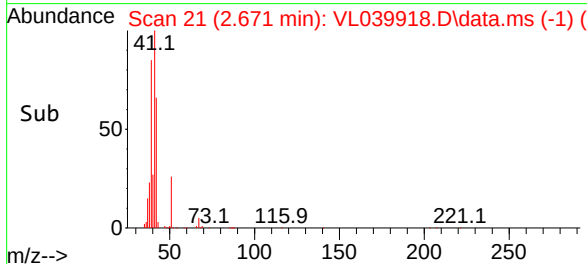
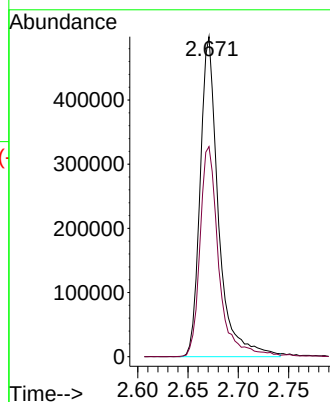
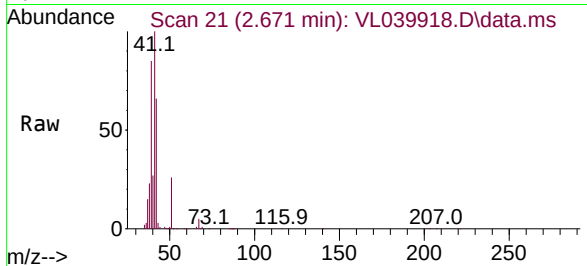




#9
 Propene
 Concen: 8.845 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

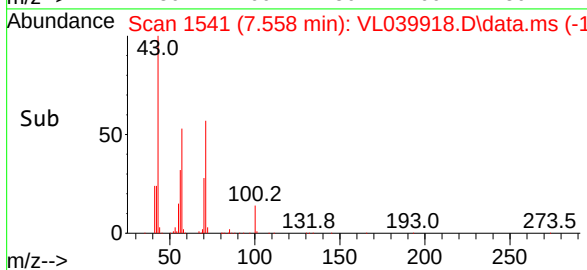
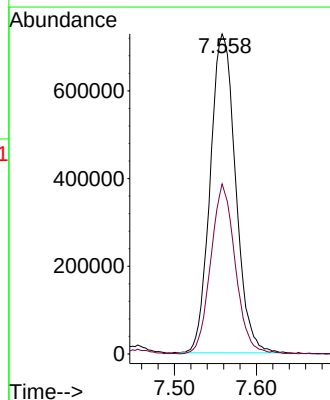
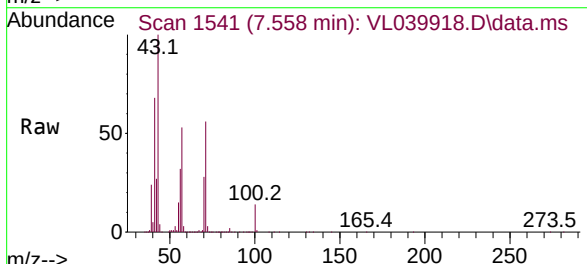
Instrument :
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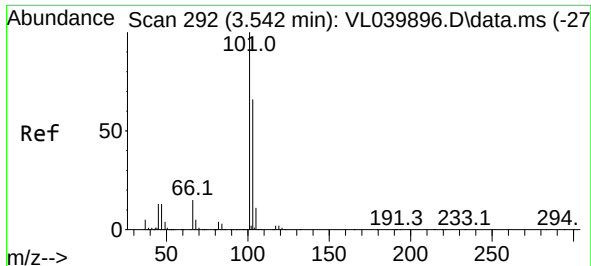
Tgt Ion: 41 Resp: 629709
 Ion Ratio Lower Upper
 41 100
 42 68.2 55.8 83.6



#10
 Heptane
 Concen: 9.099 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. 0.013 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

Tgt Ion: 43 Resp: 1563112
 Ion Ratio Lower Upper
 43 100
 57 51.4 40.7 61.1

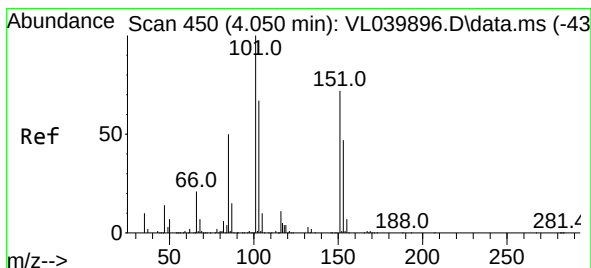
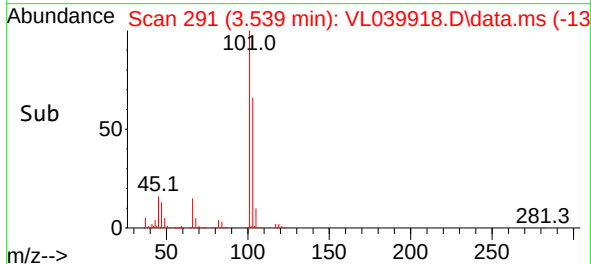
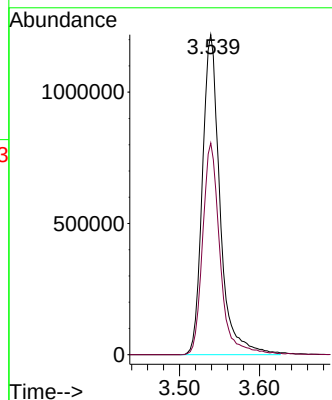
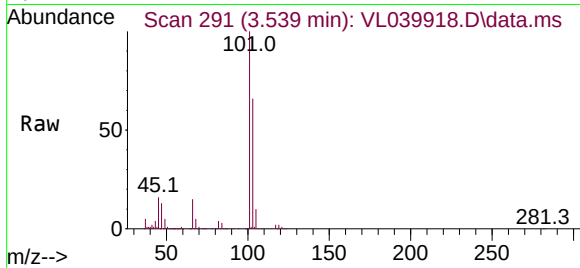




#11
 Trichlorofluoromethane
 Concen: 9.786 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

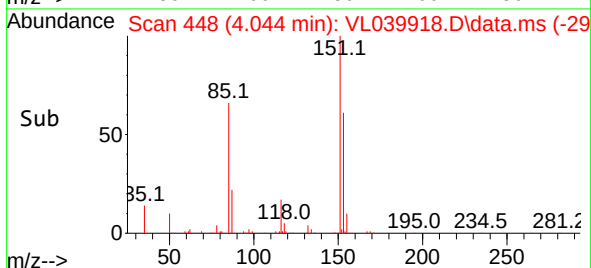
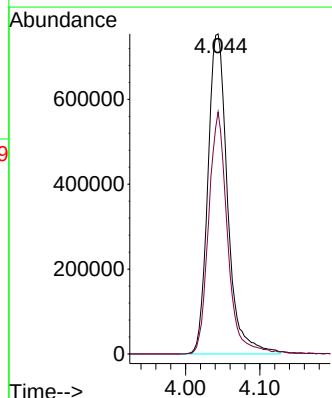
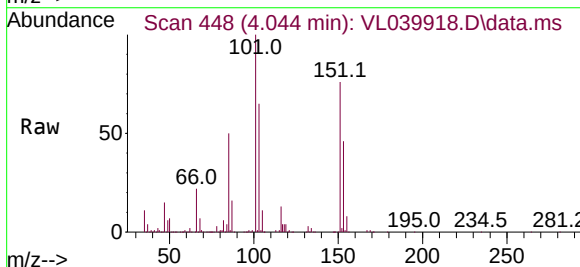
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

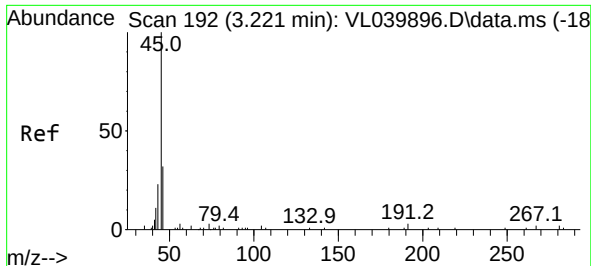
Tgt Ion:101 Resp: 1872327
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.578 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

Tgt Ion:101 Resp: 1387052
 Ion Ratio Lower Upper
 101 100
 151 72.8 59.6 89.4

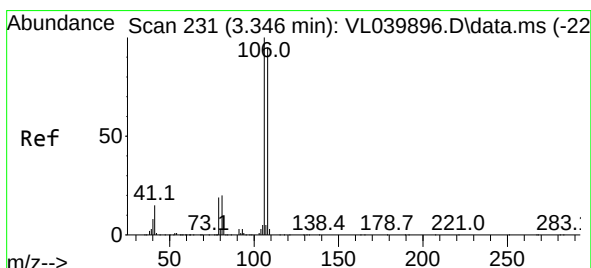
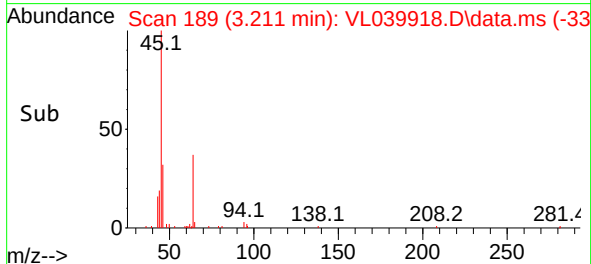
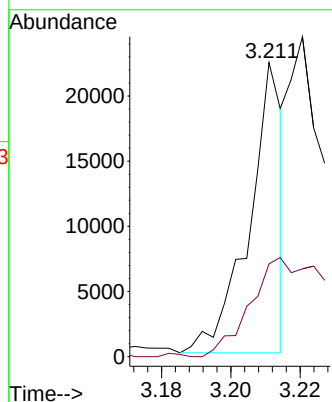
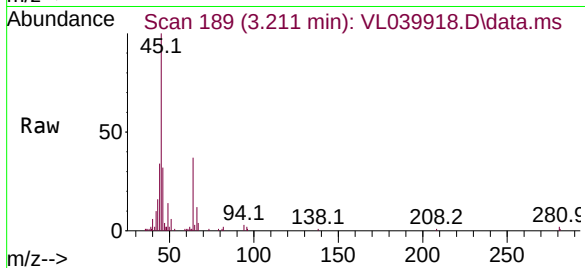




#13
Ethanol
Concen: 2.716 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

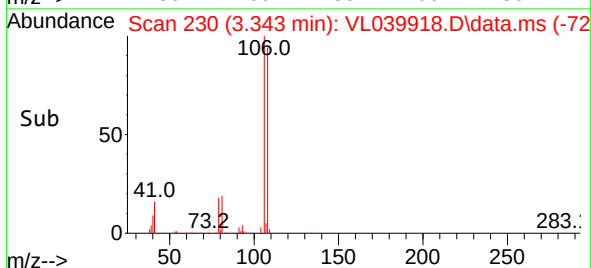
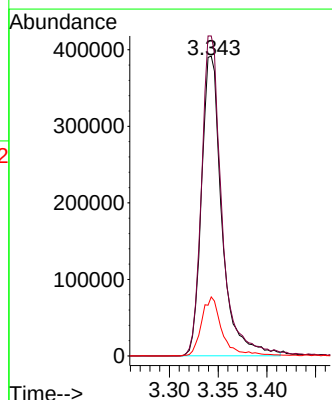
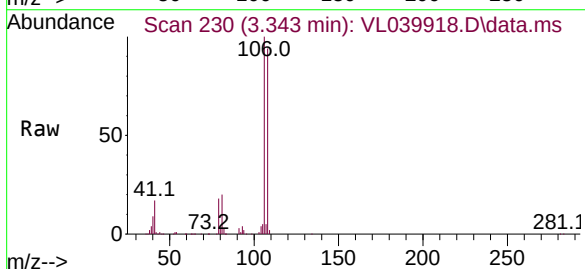
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

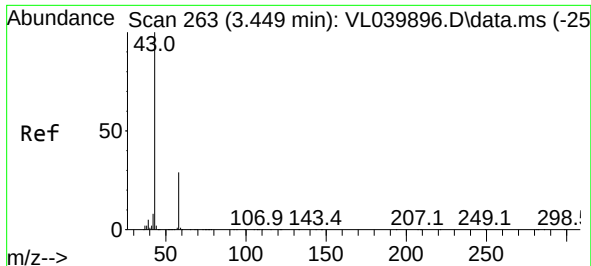
Tgt Ion: 45 Resp: 14765
Ion Ratio Lower Upper
45 100
46 113.3 14.6 58.2#



#14
Bromoethene
Concen: 10.098 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 108 Resp: 570267
Ion Ratio Lower Upper
108 100
106 107.9 87.3 130.9
79 20.1 15.9 23.9

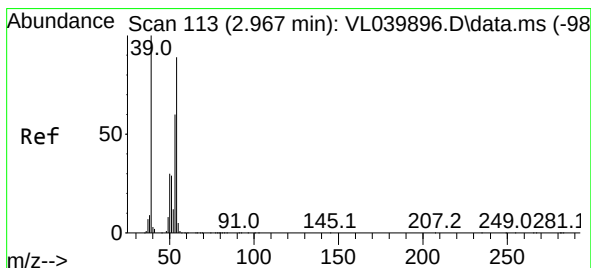
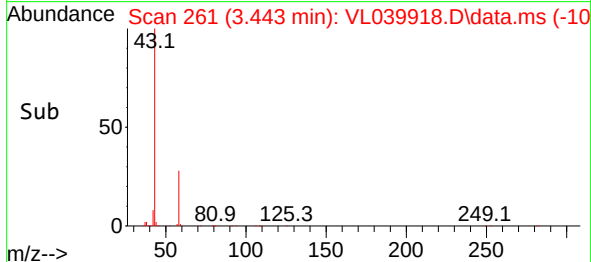
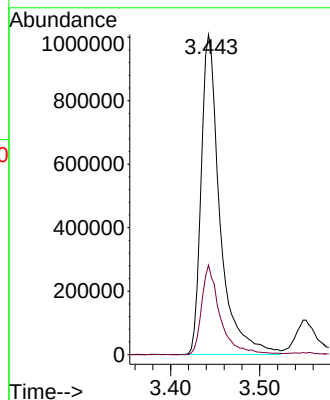
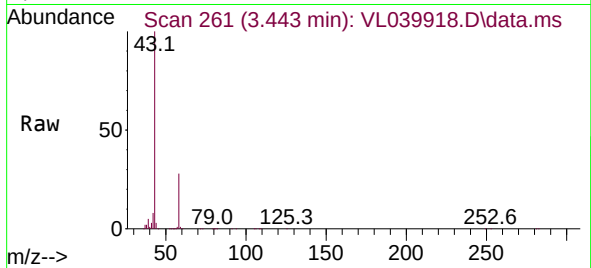




#15
Acetone
Concen: 10.176 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

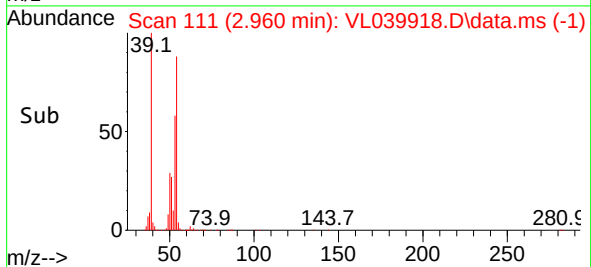
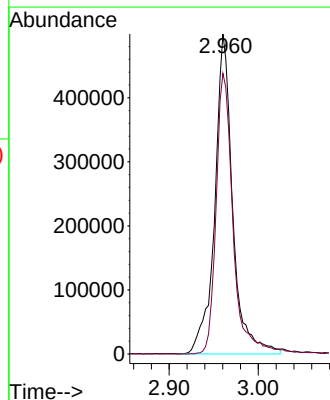
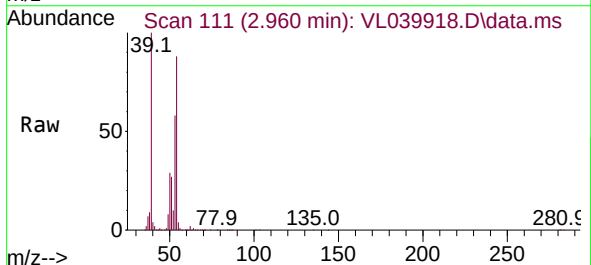
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

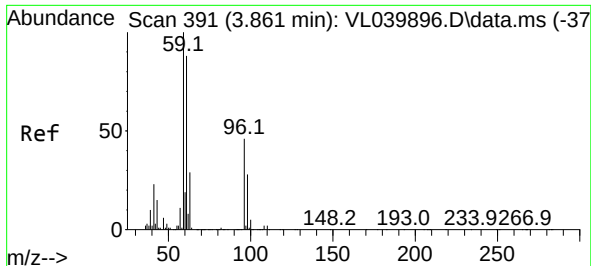
Tgt Ion: 43 Resp: 1478367
Ion Ratio Lower Upper
43 100
58 27.7 22.9 34.3



#16
1,3-Butadiene
Concen: 9.669 ppbv
RT: 2.960 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 39 Resp: 700066
Ion Ratio Lower Upper
39 100
54 83.7 66.6 99.8

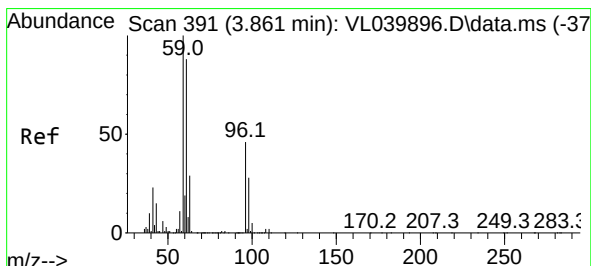
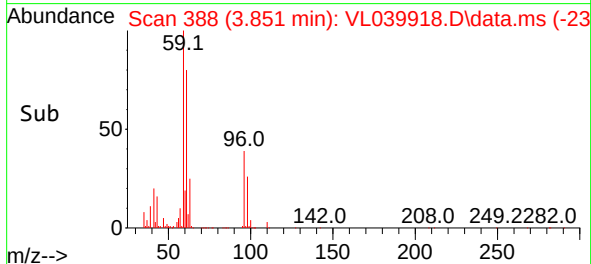
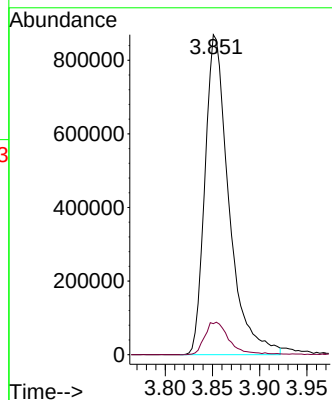
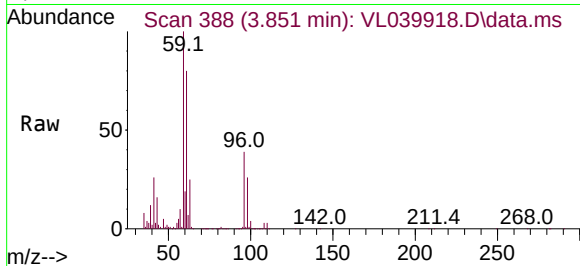




#17
tert-Butyl alcohol
Concen: 9.182 ppbv
RT: 3.851 min Scan# 390
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

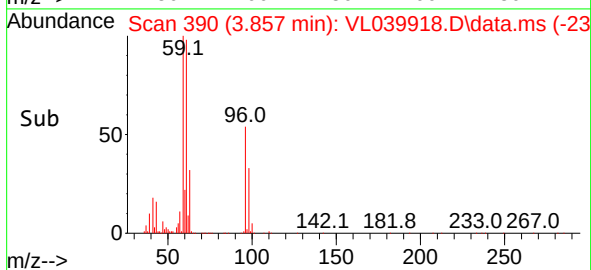
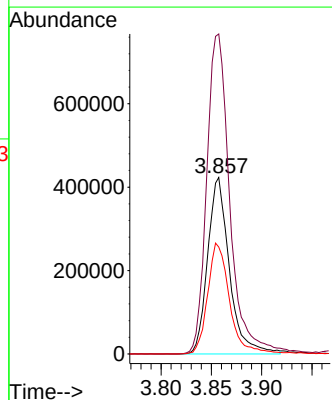
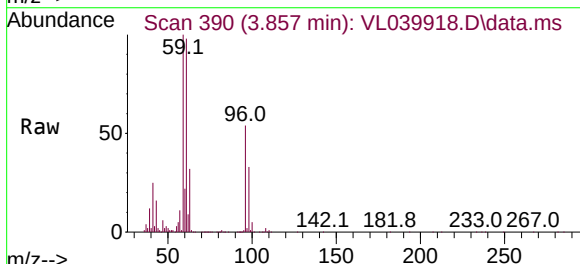
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

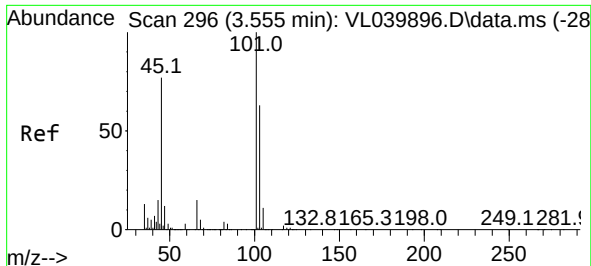
Tgt Ion: 59 Resp: 1533673
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#18
1,1-Dichloroethene
Concen: 9.644 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 96 Resp: 637024
Ion Ratio Lower Upper
96 100
61 181.2 153.4 230.2
98 60.5 48.9 73.3

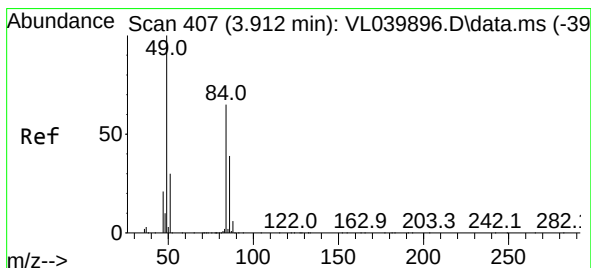
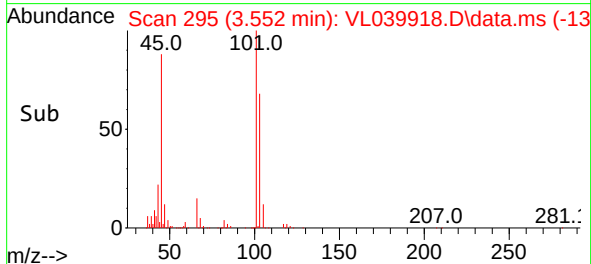
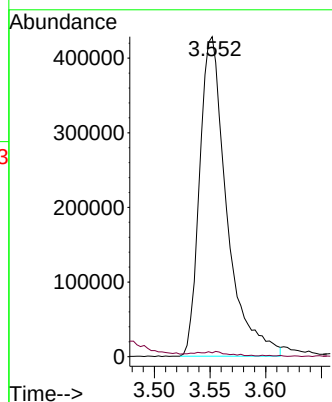
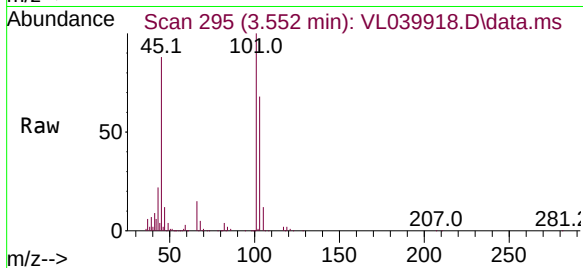




#19
Isopropyl Alcohol
Concen: 9.234 ppbv
RT: 3.552 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

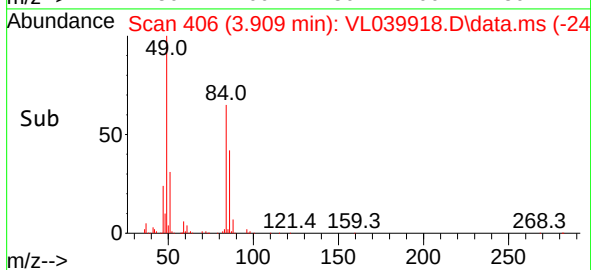
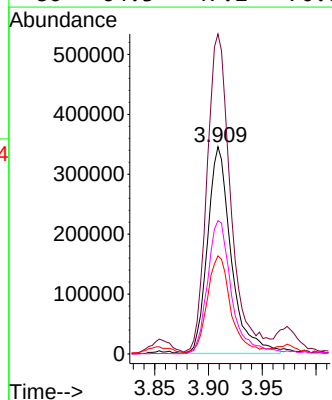
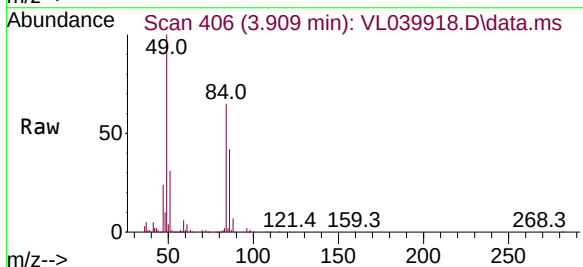
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

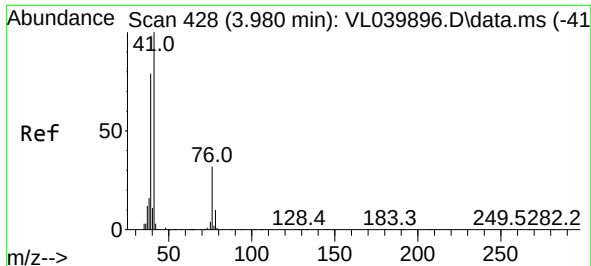
Tgt Ion: 45 Resp: 726359
Ion Ratio Lower Upper
45 100
58 2.2 38.7 58.1#



#20
Methylene Chloride
Concen: 7.488 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 84 Resp: 527067
Ion Ratio Lower Upper
84 100
49 153.0 122.2 183.4
51 46.4 36.3 54.5
86 64.3 47.2 70.8





#21

Allyl Chloride

Concen: 9.261 ppbv

RT: 3.973 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

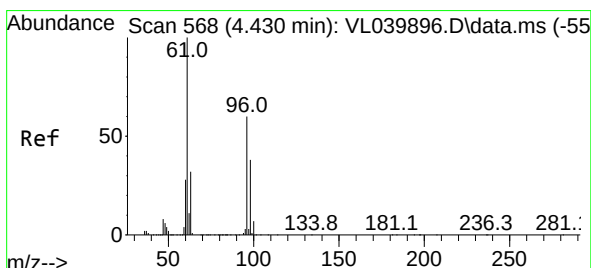
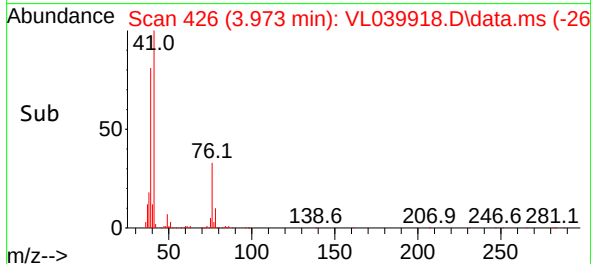
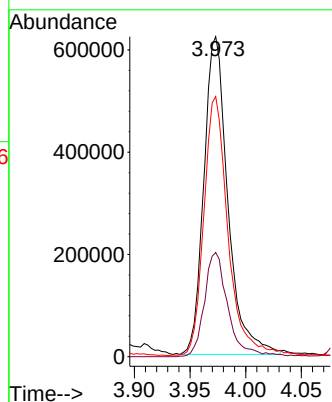
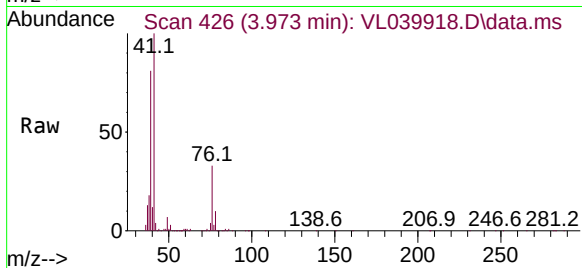
Tgt Ion: 41 Resp: 933267

Ion Ratio Lower Upper

41 100

76 32.5 25.6 38.4

39 82.7 65.2 97.8



#22

trans-1,2-Dichloroethene

Concen: 9.761 ppbv

RT: 4.423 min Scan# 566

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

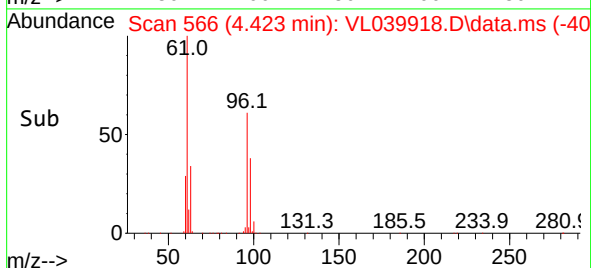
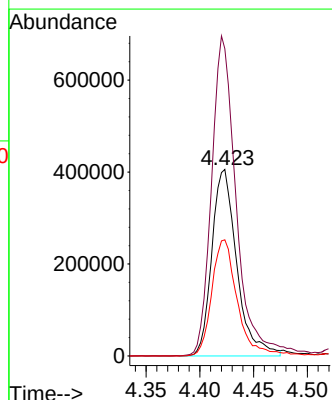
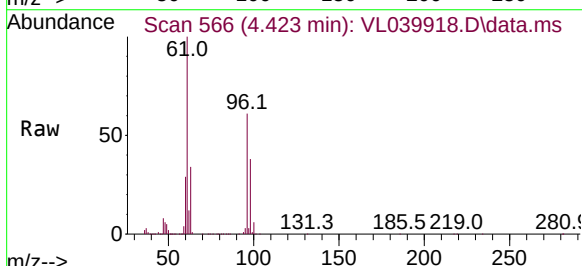
Tgt Ion: 96 Resp: 655677

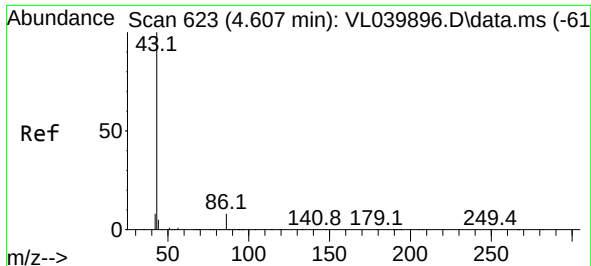
Ion Ratio Lower Upper

96 100

61 164.6 134.1 201.1

98 62.3 50.4 75.6

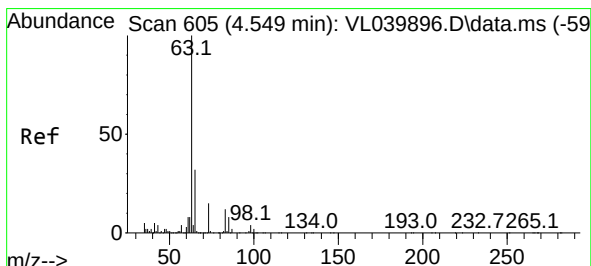
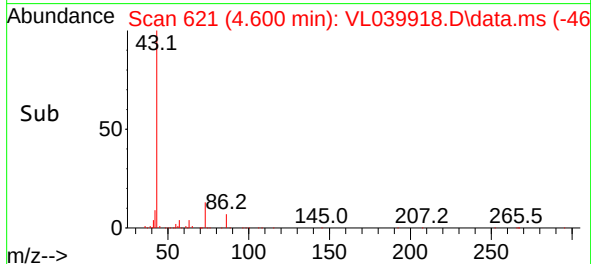
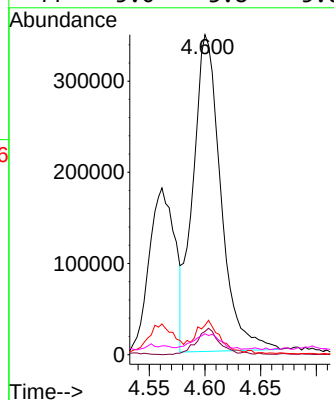
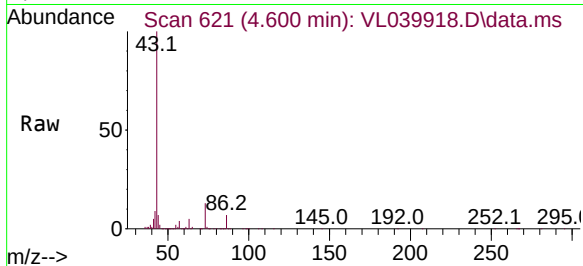




#23
 Vinyl Acetate
 Concen: 10.090 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

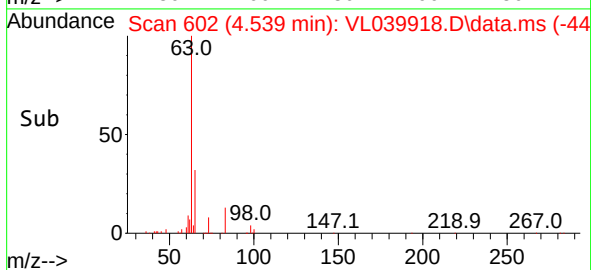
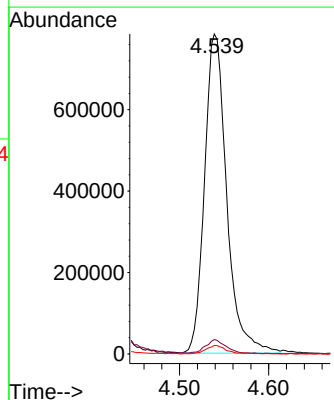
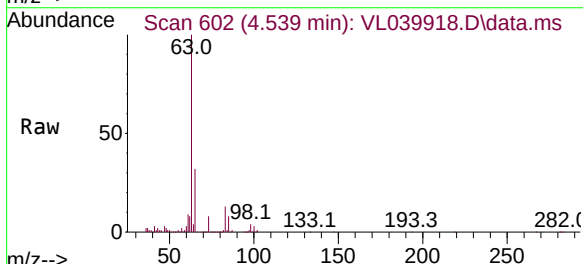
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

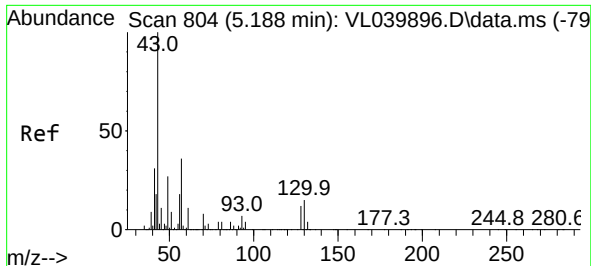
Tgt Ion: 43 Resp: 602173
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.0 7.4
 42 8.7 7.6 11.4
 44 5.0 3.8 5.6



#24
 1,1-Dichloroethane
 Concen: 9.427 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

Tgt Ion: 63 Resp: 1356637
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.1 6.5
 100 2.6 1.1 3.5





#25

Ethyl Acetate

Concen: 10.254 ppbv

RT: 5.182 min Scan# 802

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2735007

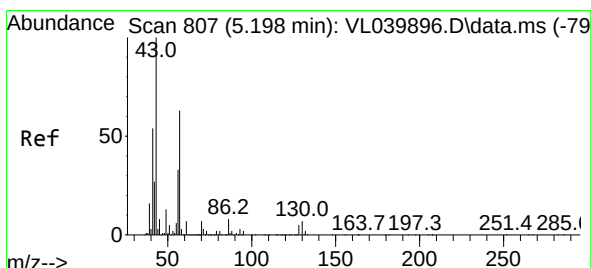
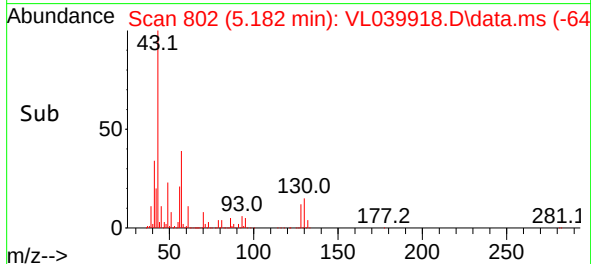
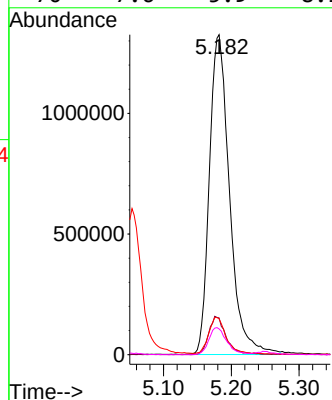
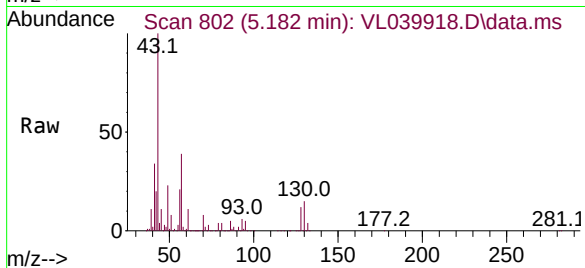
Ion Ratio Lower Upper

43 100

45 10.5 8.4 12.6

61 10.4 8.5 12.7

70 7.6 5.9 8.9



#26

Hexane

Concen: 10.074 ppbv

RT: 5.188 min Scan# 804

Delta R.T. 0.006 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Tgt Ion: 57 Resp: 1173849

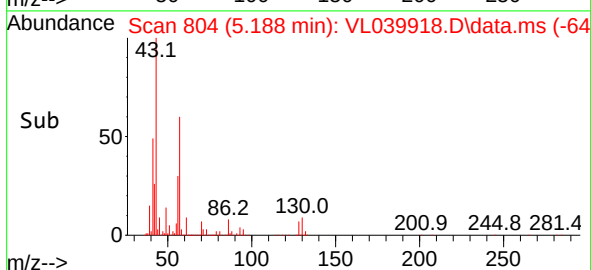
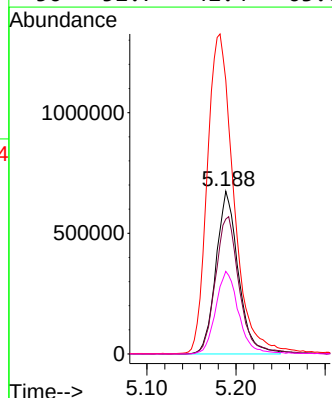
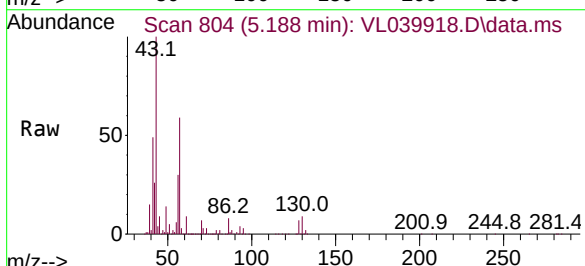
Ion Ratio Lower Upper

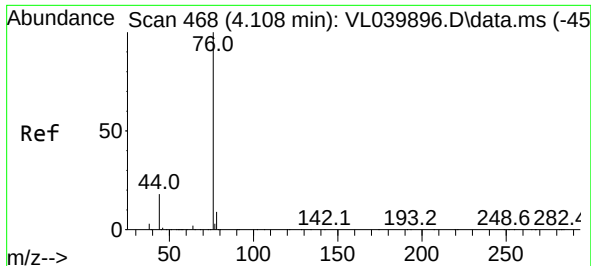
57 100

41 91.2 72.3 108.5

43 234.4 188.7 283.1

56 52.7 42.4 63.6

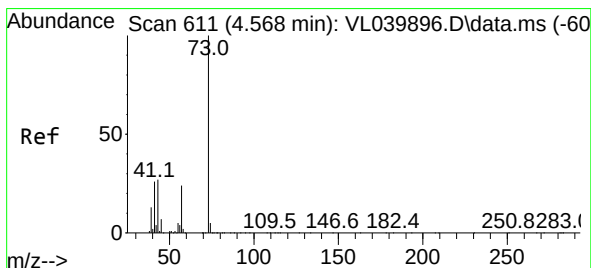
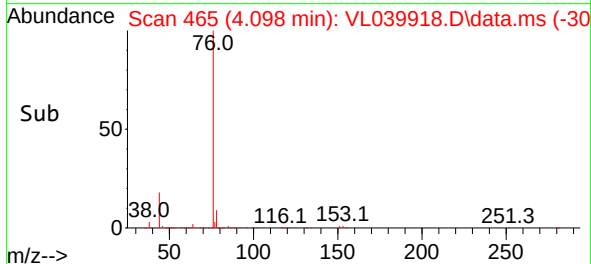
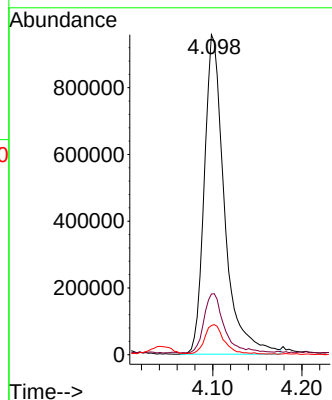
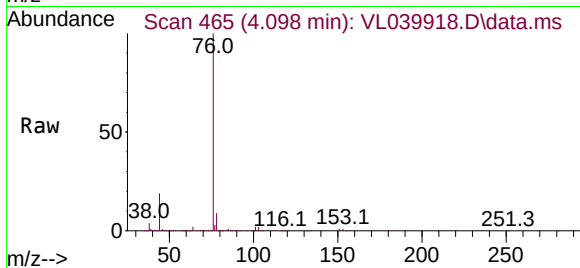




#27
Carbon Disulfide
Concen: 10.226 ppbv
RT: 4.098 min Scan# 40
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

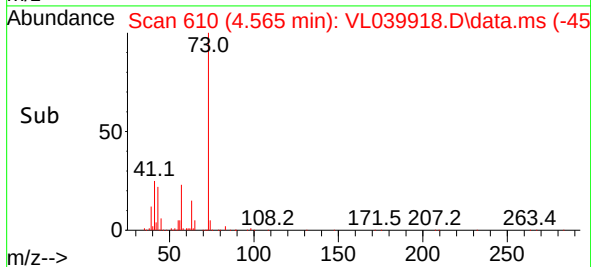
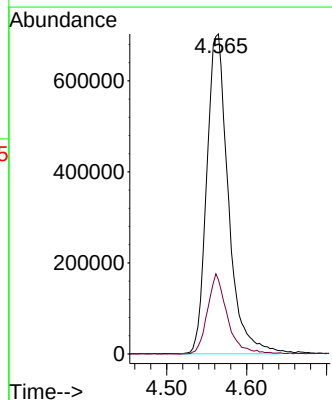
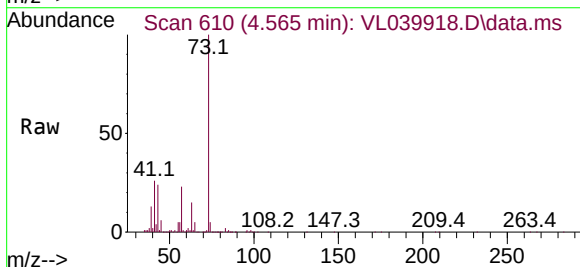
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

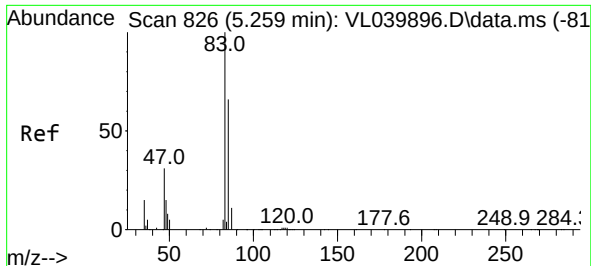
Tgt Ion: 76 Resp: 1504337
Ion Ratio Lower Upper
76 100
44 18.8 14.7 22.1
78 9.5 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 9.023 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 73 Resp: 1316348
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 12.376 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

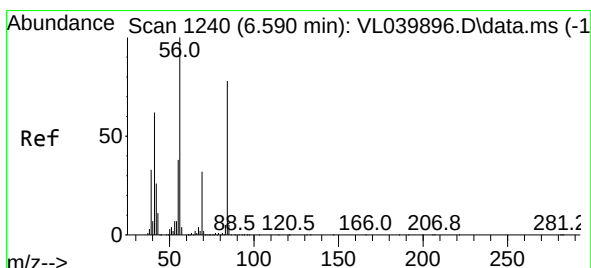
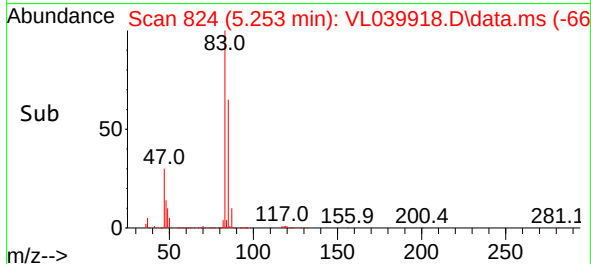
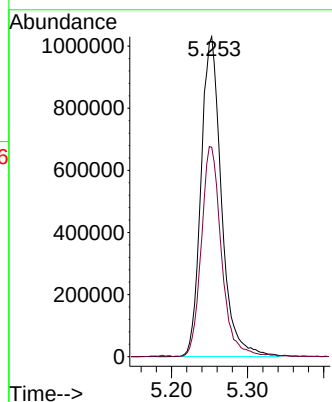
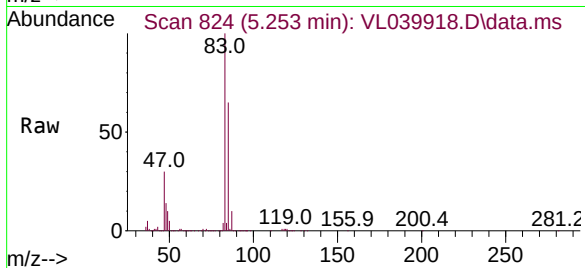
VSTDCCC010EC

Tgt Ion: 83 Resp: 1916433

Ion Ratio Lower Upper

83 100

85 65.4 52.4 78.6



#30

Cyclohexane

Concen: 9.095 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

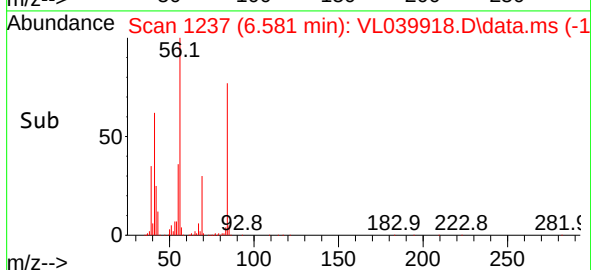
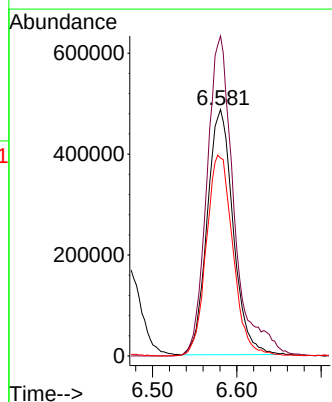
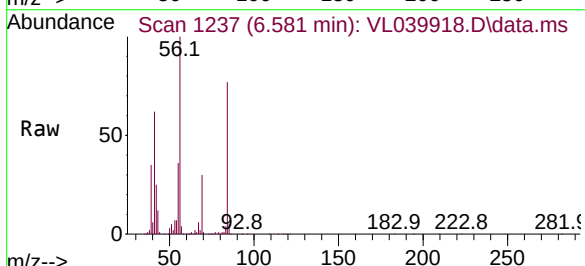
Tgt Ion: 84 Resp: 1039955

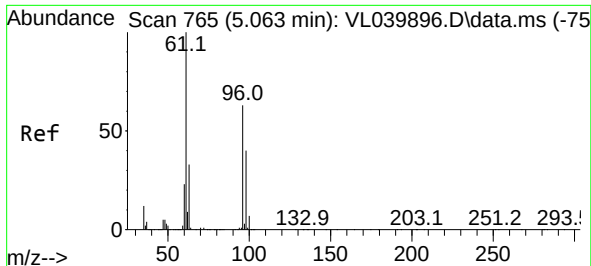
Ion Ratio Lower Upper

84 100

56 136.6 112.5 168.7

41 84.3 67.8 101.8



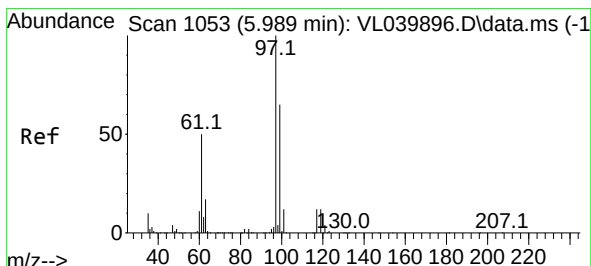
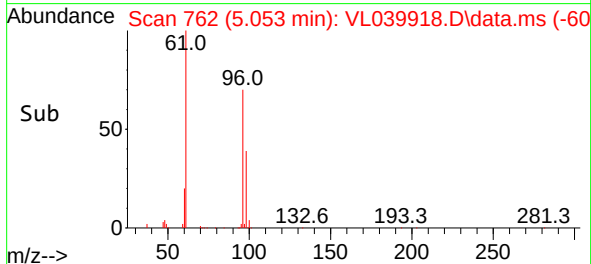
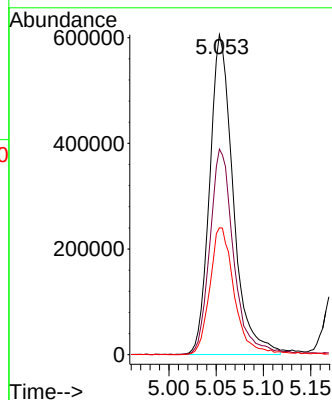
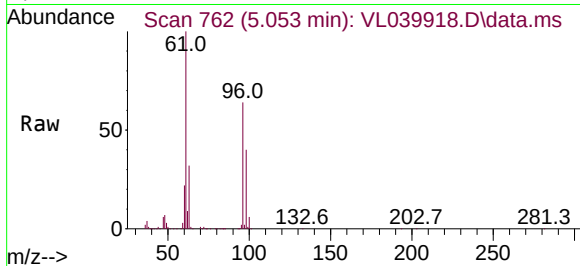


#31
 cis-1,2-Dichloroethene
 Concen: 9.728 ppbv
 RT: 5.053 min Scan# 765
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 1047283

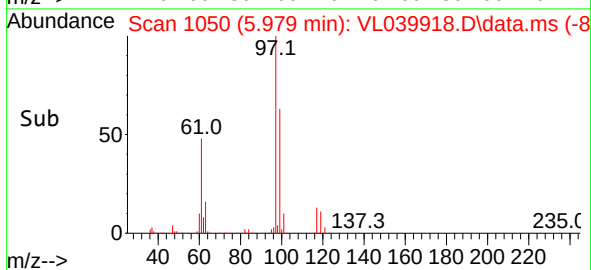
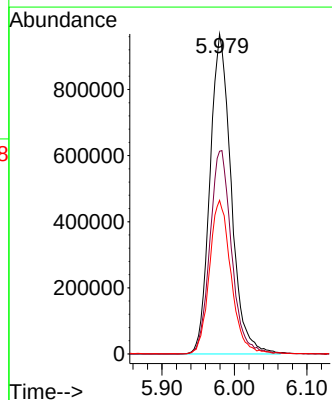
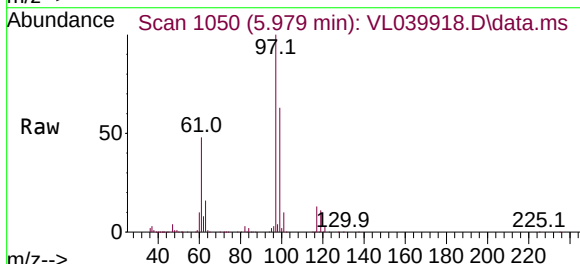
Ion	Ratio	Lower	Upper
61	100		
96	64.2	50.3	75.5
98	39.7	32.2	48.2

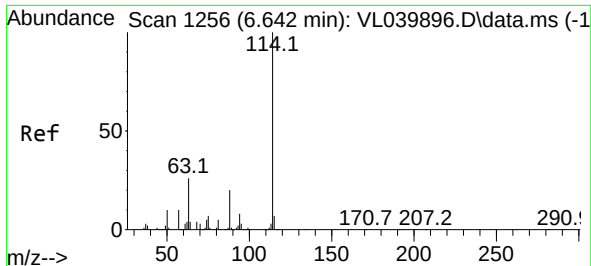


#32
 1,1,1-Trichloroethane
 Concen: 10.181 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. 0.013 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

Tgt Ion: 97 Resp: 1968913

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	49.1	40.7	61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

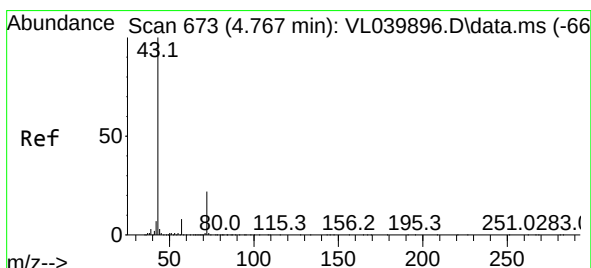
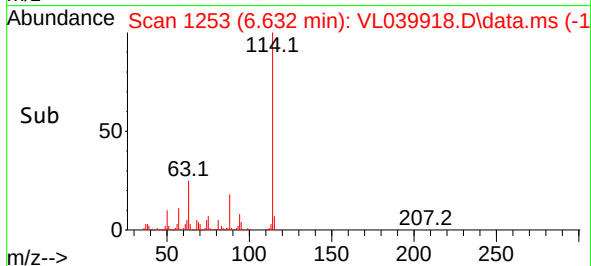
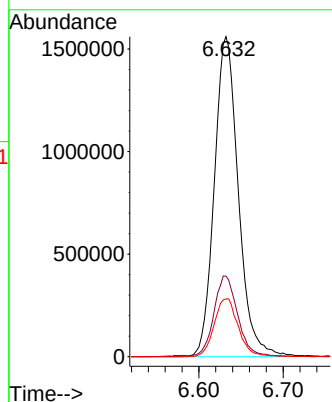
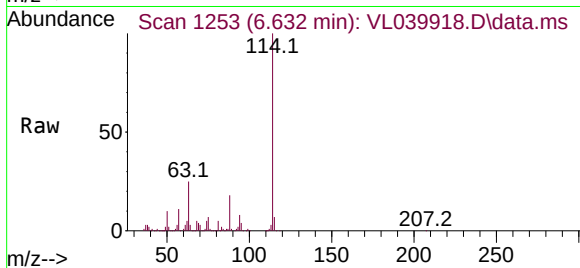
Tgt Ion:114 Resp: 3074303

Ion Ratio Lower Upper

114 100

63 25.4 21.4 32.0

88 18.3 15.3 22.9



#34

2-Butanone

Concen: 10.203 ppbv

RT: 4.761 min Scan# 671

Delta R.T. 0.010 min

Lab File: VL039918.D

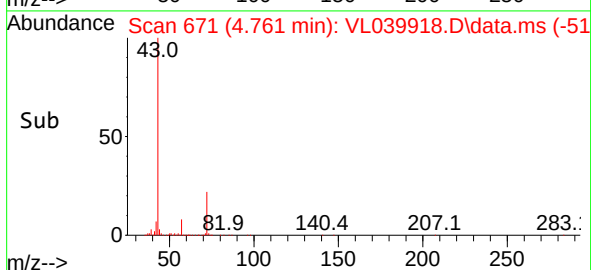
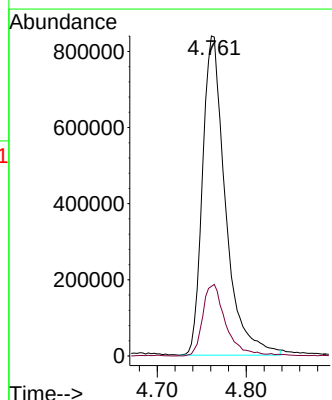
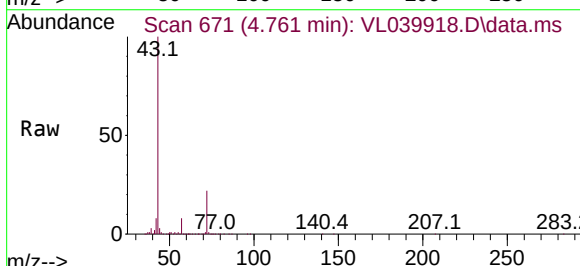
Acq: 21 Nov 2022 21:30

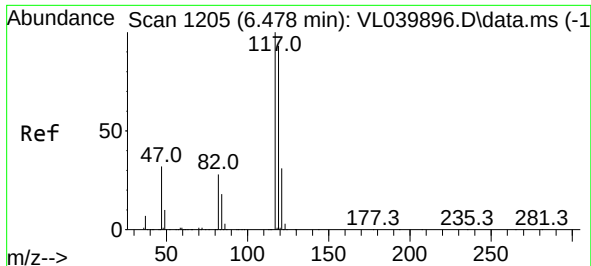
Tgt Ion: 43 Resp: 1500853

Ion Ratio Lower Upper

43 100

72 22.8 17.4 26.2

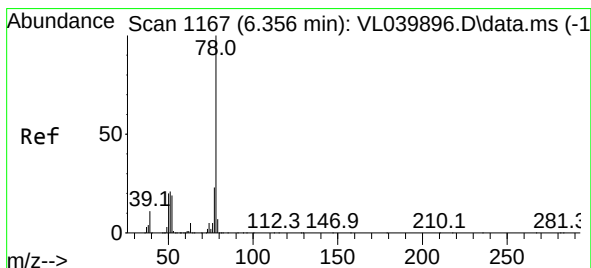
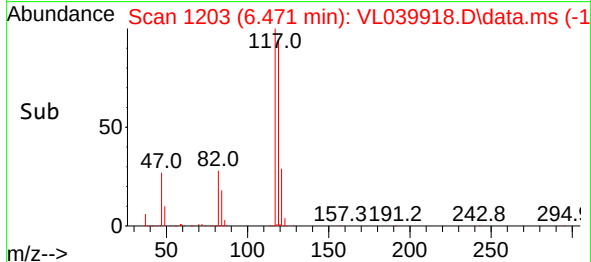
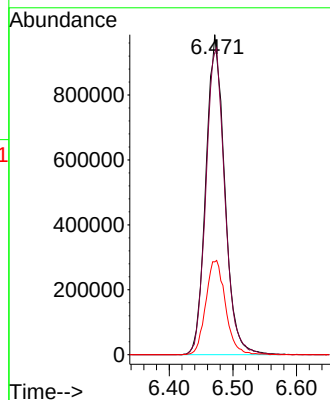
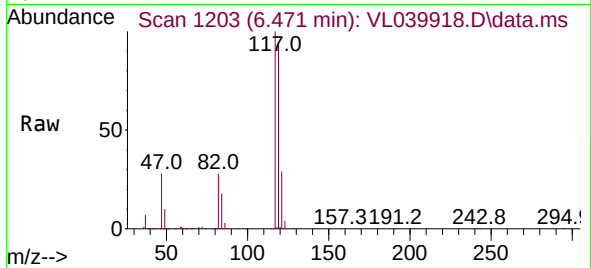




#35
Carbon Tetrachloride
Concen: 11.608 ppbv
RT: 6.471 min Scan# 1164
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

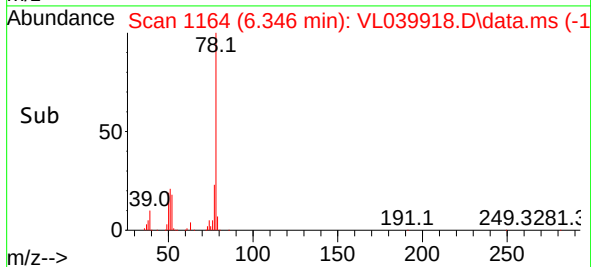
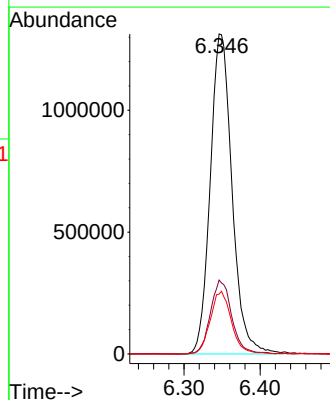
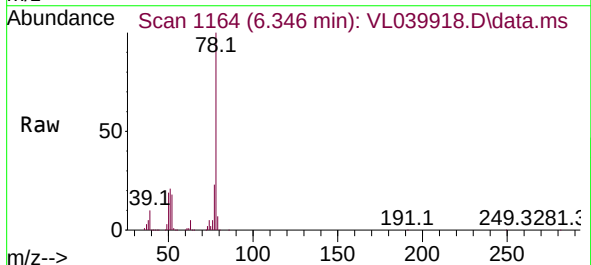
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

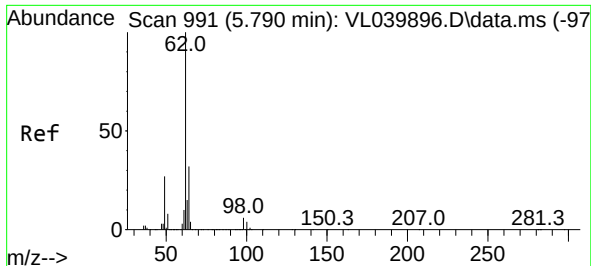
Tgt Ion:117 Resp: 2026742
Ion Ratio Lower Upper
117 100
119 94.4 74.7 112.1
121 29.0 24.5 36.7



#36
Benzene
Concen: 10.008 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 78 Resp: 2615179
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2
50 18.6 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.590 ppbv

RT: 5.783 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

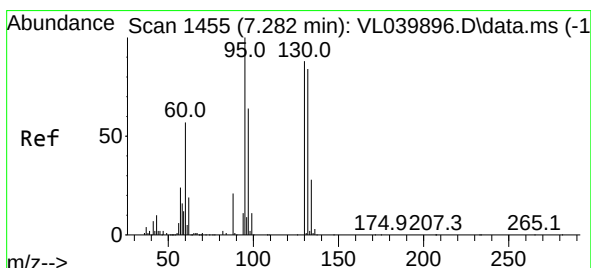
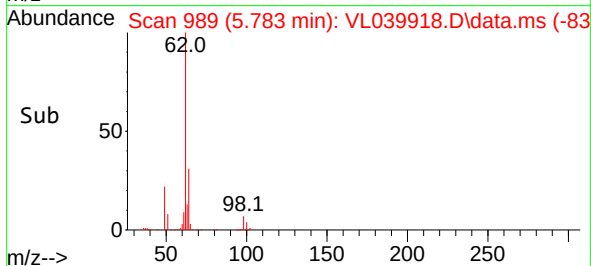
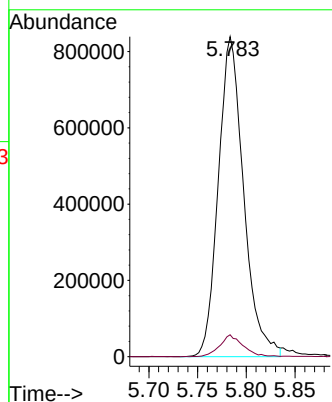
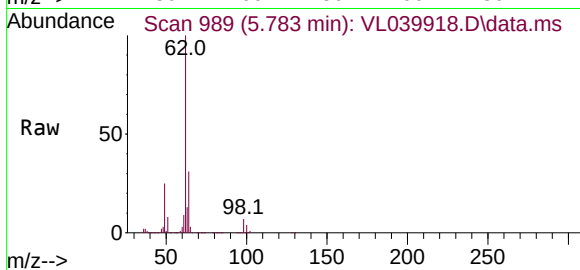
VSTDCCC010EC

Tgt Ion: 62 Resp: 1516575

Ion Ratio Lower Upper

62 100

98 6.5 5.0 7.6



#38

Trichloroethene

Concen: 10.145 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.010 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Tgt Ion:130 Resp: 1481920

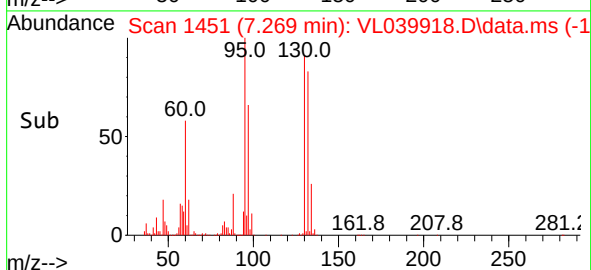
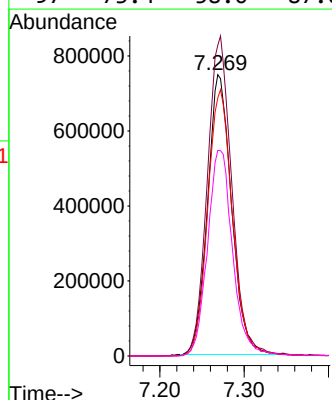
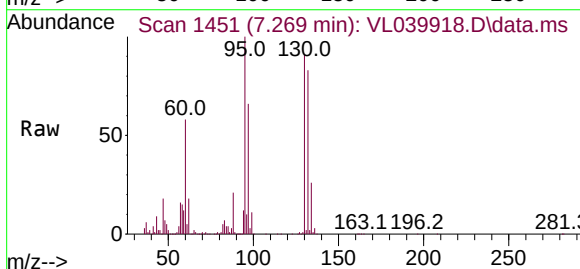
Ion Ratio Lower Upper

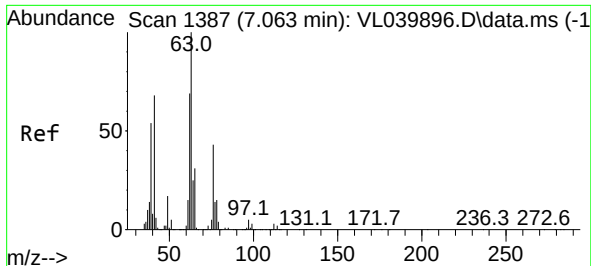
130 100

95 110.9 90.6 135.8

132 92.2 76.2 114.4

97 73.4 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.862 ppbv

RT: 7.053 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

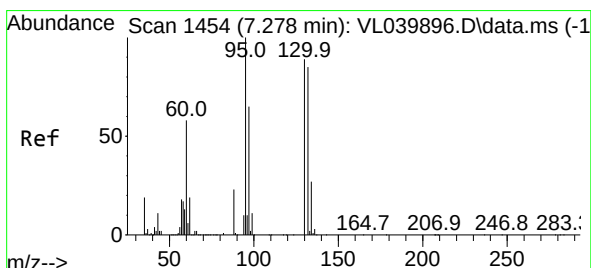
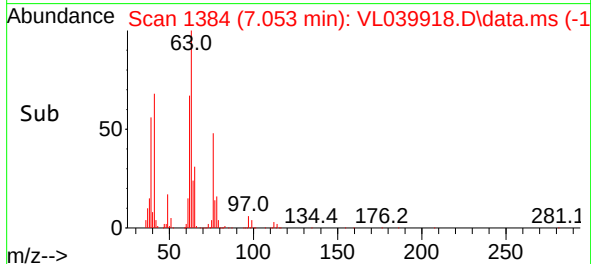
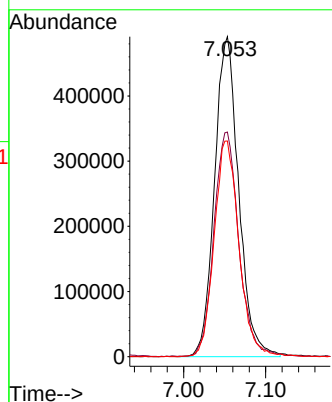
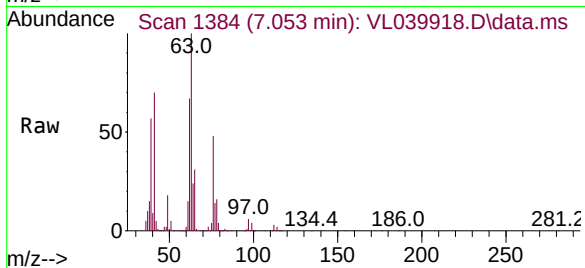
Tgt Ion: 63 Resp: 1004052

Ion Ratio Lower Upper

63 100

41 70.0 54.7 82.1

62 67.4 55.0 82.6



#40

1,4-Dioxane

Concen: 9.225 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.010 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Tgt Ion: 88 Resp: 374156

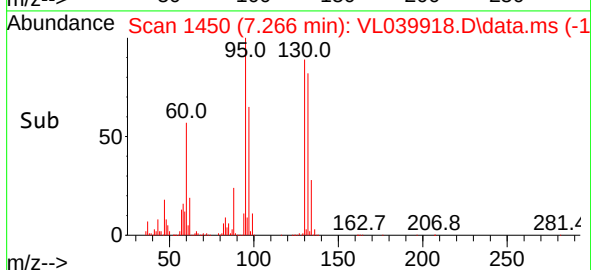
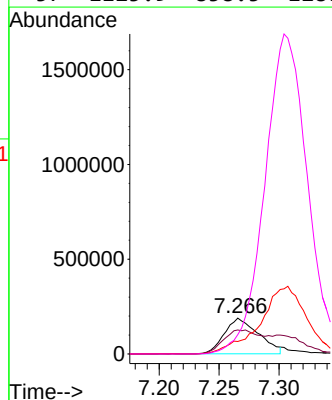
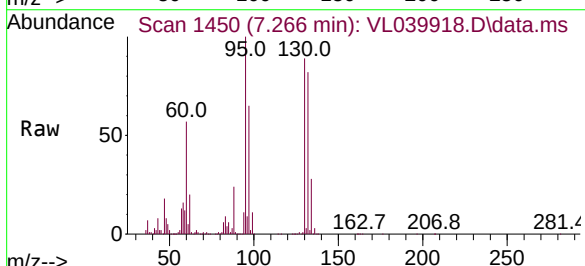
Ion Ratio Lower Upper

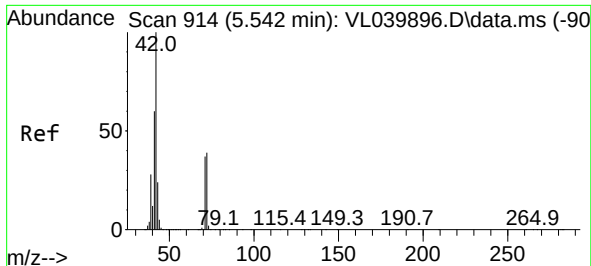
88 100

58 128.1 100.5 150.7

43 256.8 195.8 293.8

57 1125.9 858.5 1287.7





#41

Tetrahydrofuran

Concen: 10.128 ppbv

RT: 5.532 min Scan# 914

Delta R.T. 0.010 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

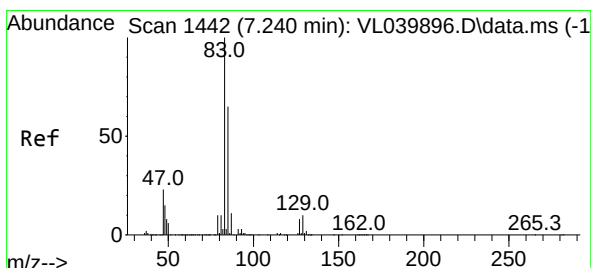
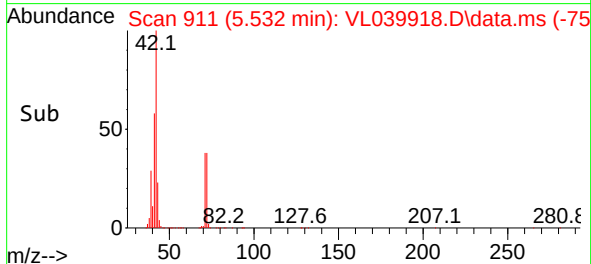
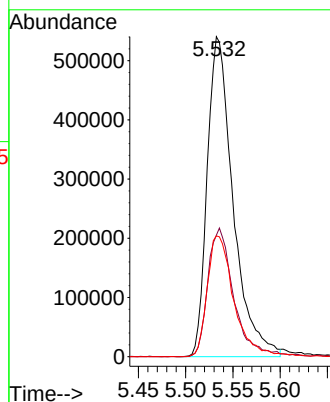
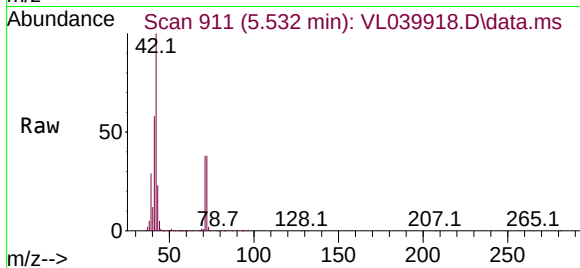
MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 1028559

Ion	Ratio	Lower	Upper
42	100		
72	40.5	31.6	47.4
71	39.4	31.2	46.8



#42

Bromodichloromethane

Concen: 11.094 ppbv

RT: 7.230 min Scan# 1439

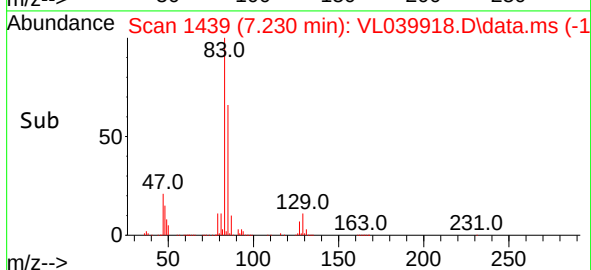
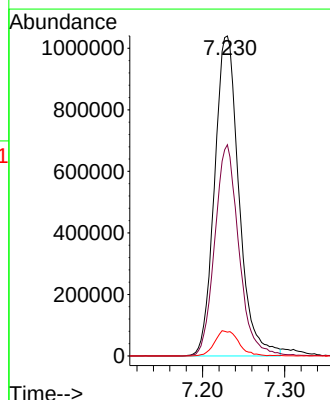
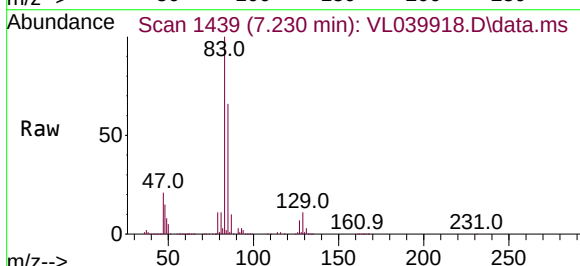
Delta R.T. 0.013 min

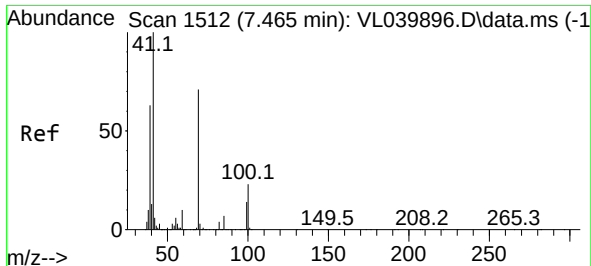
Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Tgt Ion: 83 Resp: 2154608

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.0	78.0
127	7.5	6.5	9.7



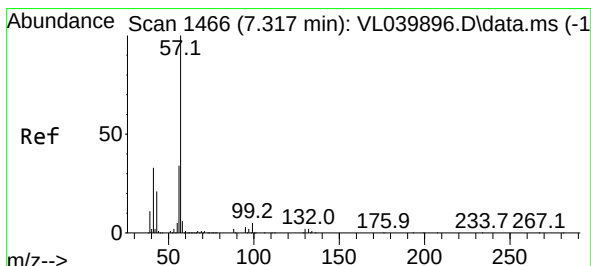
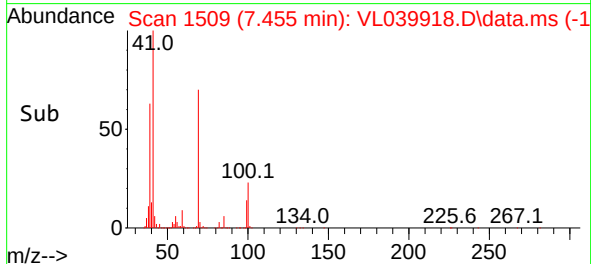
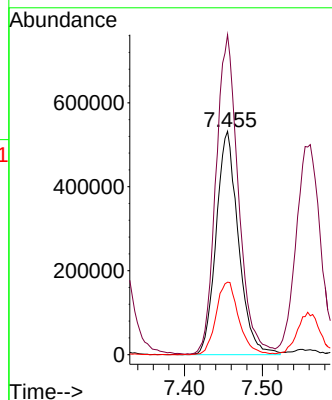
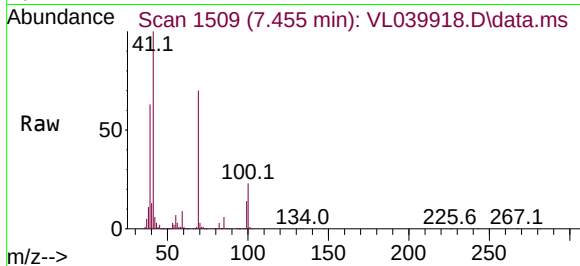


#43
Methyl Methacrylate
Concen: 10.326 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1057911

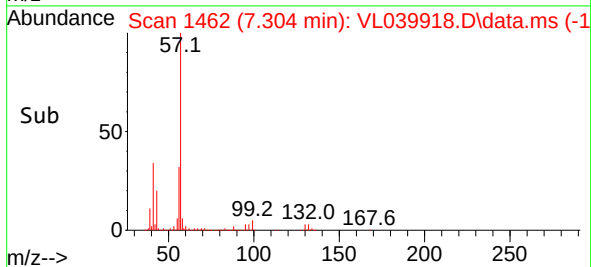
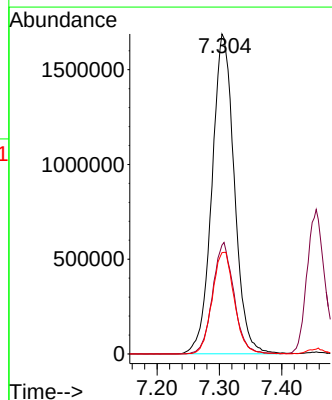
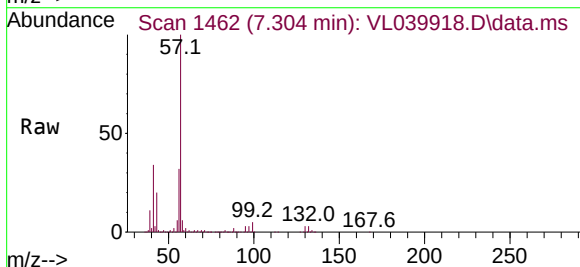
Ion	Ratio	Lower	Upper
69	100		
41	144.1	116.4	174.6
100	33.2	26.8	40.2

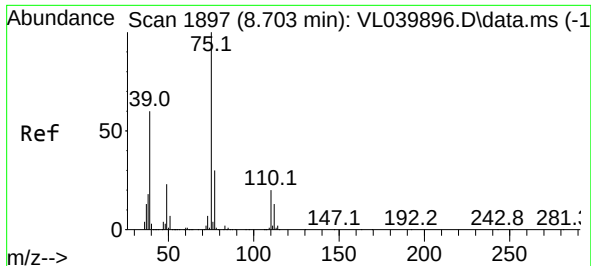


#44
2,2,4-Trimethylpentane
Concen: 9.629 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 57 Resp: 4200710

Ion	Ratio	Lower	Upper
57	100		
41	33.3	26.2	39.2
56	31.6	25.5	38.3

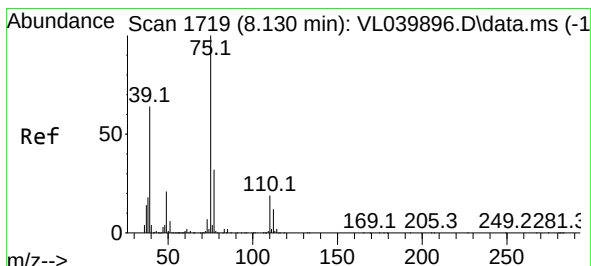
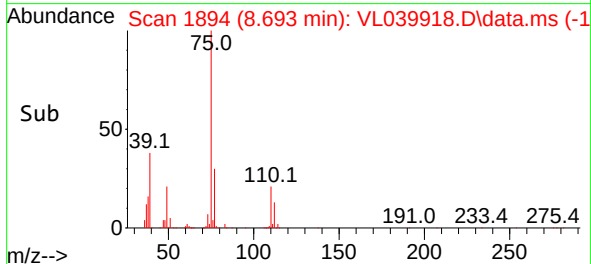
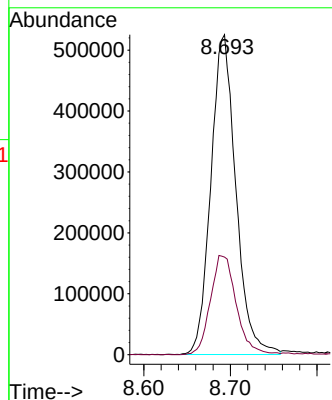
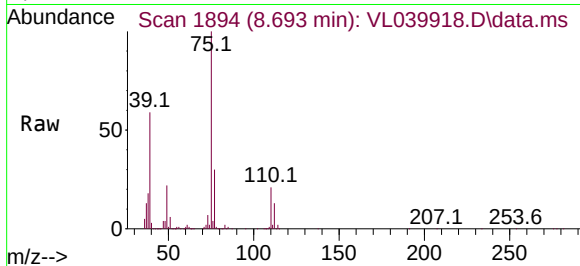




#45
t-1,3-Dichloropropene
Concen: 11.130 ppbv
RT: 8.693 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

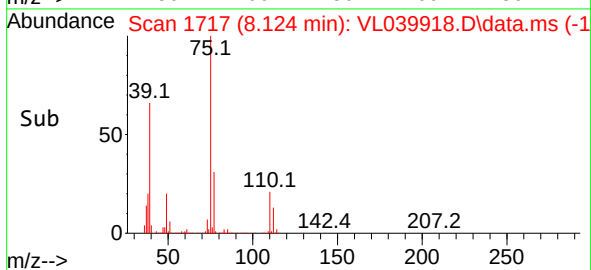
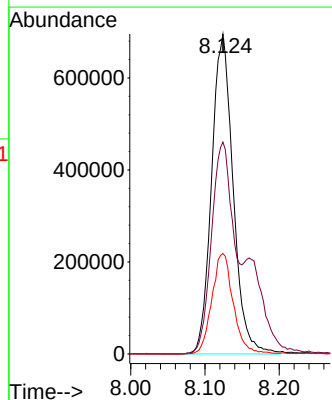
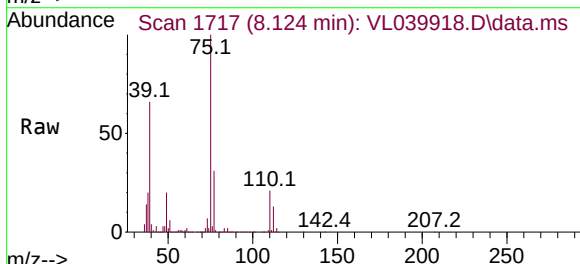
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

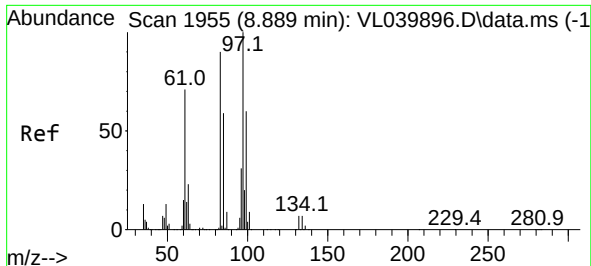
Tgt Ion: 75 Resp: 1053462
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.4



#46
cis-1,3-Dichloropropene
Concen: 10.681 ppbv
RT: 8.124 min Scan# 1717
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 75 Resp: 1400588
Ion Ratio Lower Upper
75 100
39 66.1 51.0 76.4
77 31.4 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 10.221 ppbv

RT: 8.880 min Scan# 1955

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 1069512

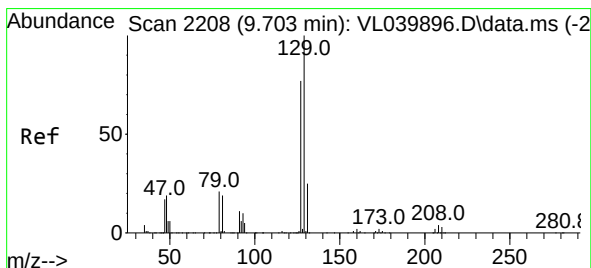
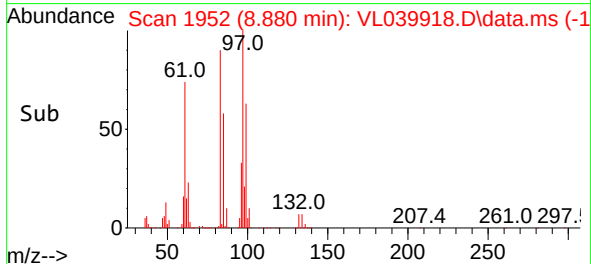
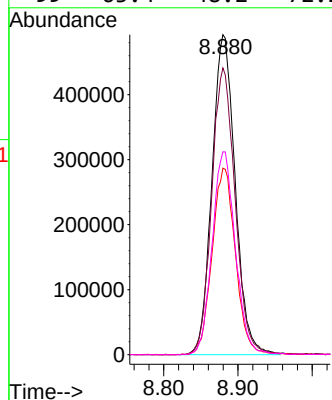
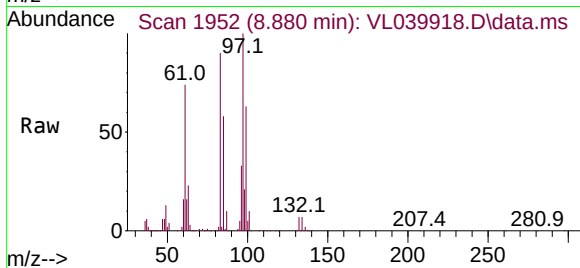
Ion Ratio Lower Upper

97 100

83 89.6 72.1 108.1

85 58.3 47.2 70.8

99 63.4 48.2 72.2



#48

Dibromochloromethane

Concen: 11.882 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.013 min

Lab File: VL039918.D

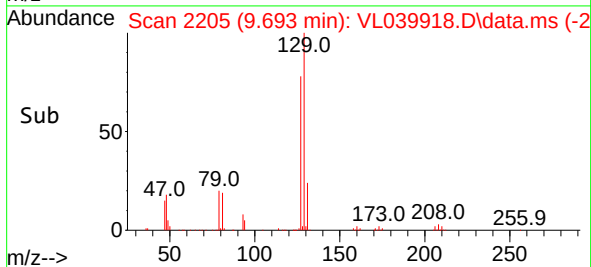
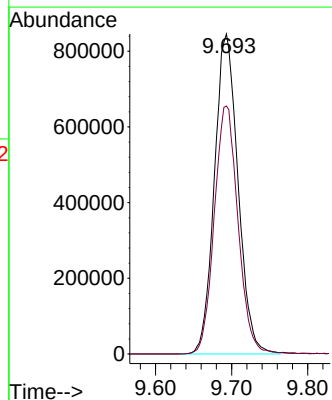
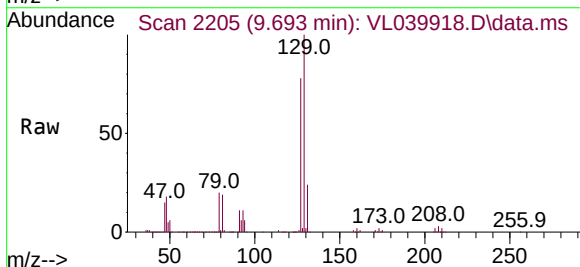
Acq: 21 Nov 2022 21:30

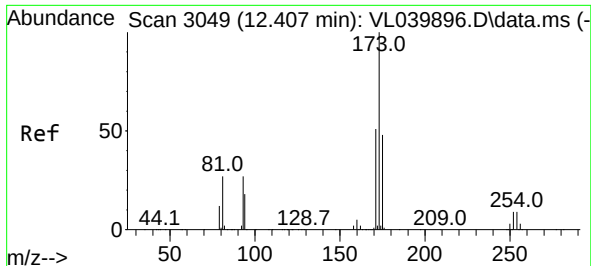
Tgt Ion: 129 Resp: 1820995

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.3

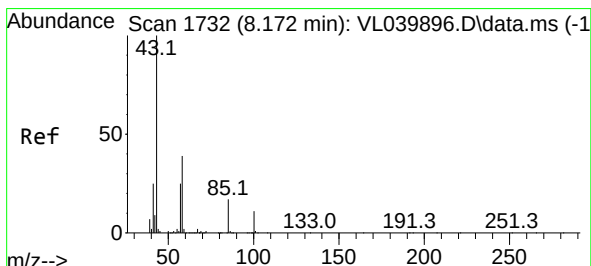
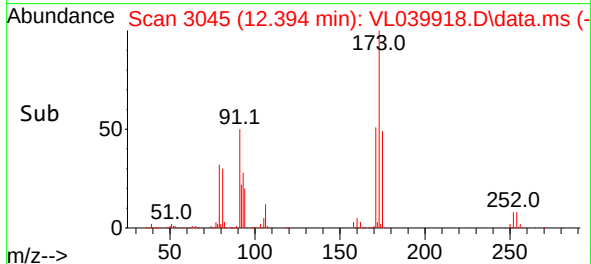
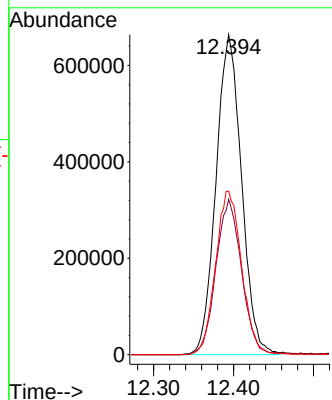
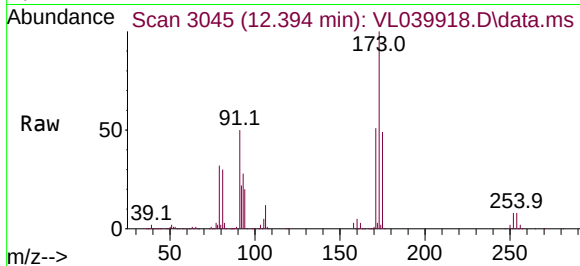




#49
Bromoform
Concen: 11.849 ppbv
RT: 12.394 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

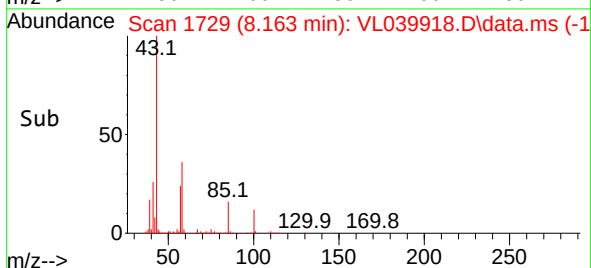
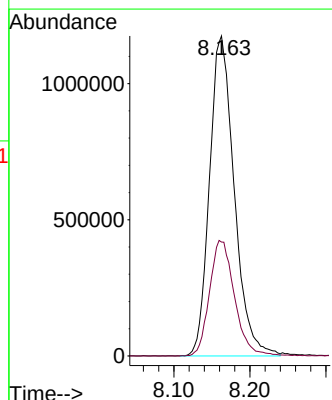
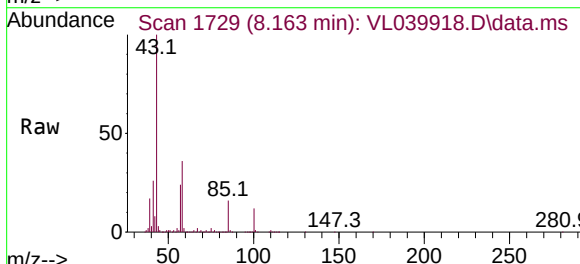
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

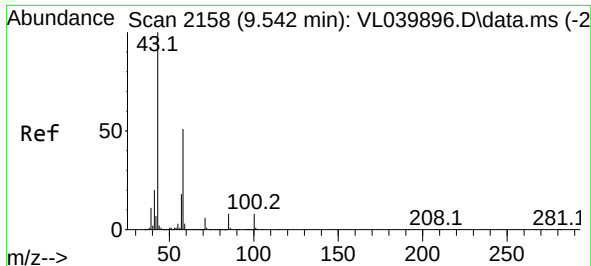
Tgt Ion:173 Resp: 1469901
Ion Ratio Lower Upper
173 100
175 48.8 39.1 58.7
171 52.5 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 10.065 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 43 Resp: 2651651
Ion Ratio Lower Upper
43 100
58 36.7 29.8 44.6

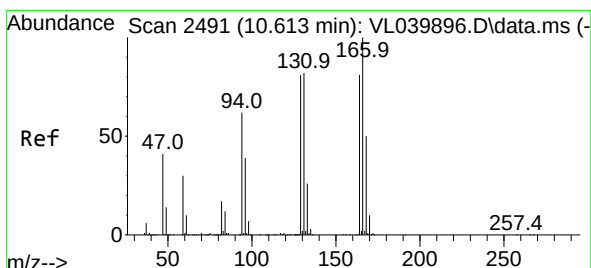
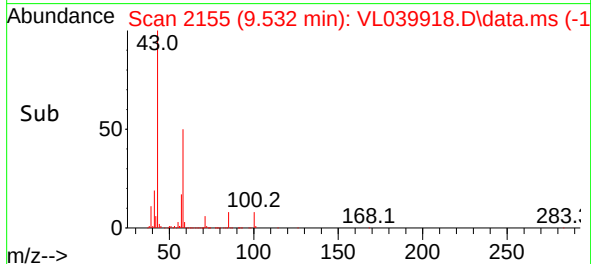
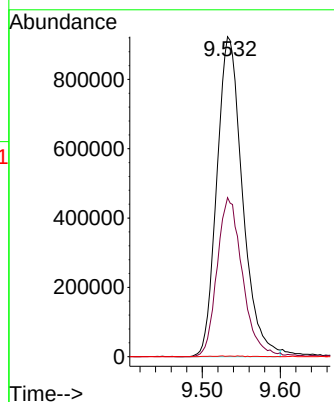
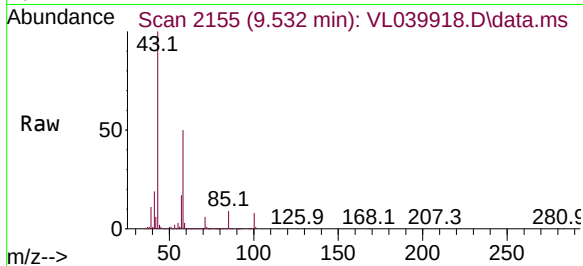




#51
2-Hexanone
Concen: 10.310 ppbv
RT: 9.532 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

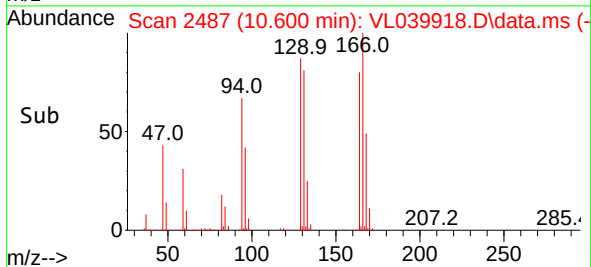
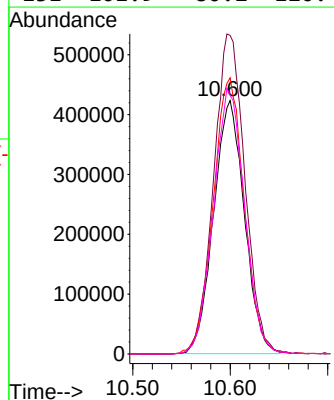
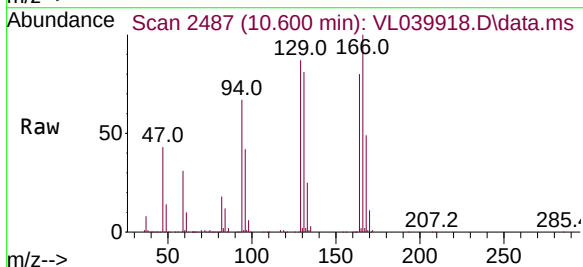
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

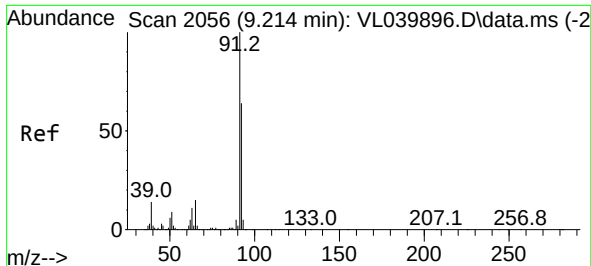
Tgt Ion: 43 Resp: 2108561
Ion Ratio Lower Upper
43 100
58 49.4 40.2 60.4
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.497 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 164 Resp: 928359
Ion Ratio Lower Upper
164 100
166 125.5 98.3 147.5
129 108.5 79.7 119.5
131 101.9 80.2 120.4

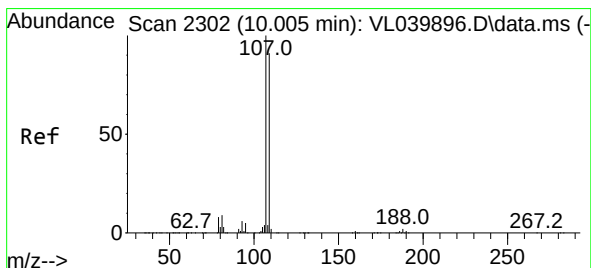
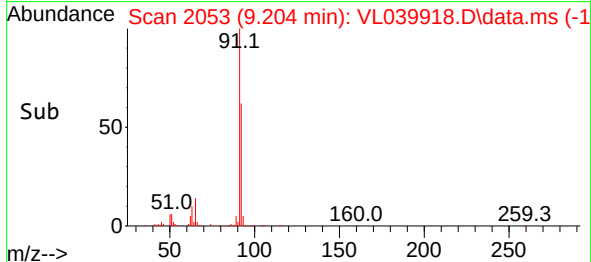
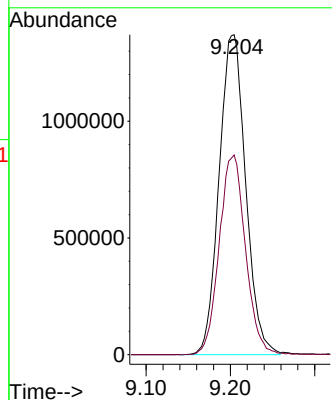
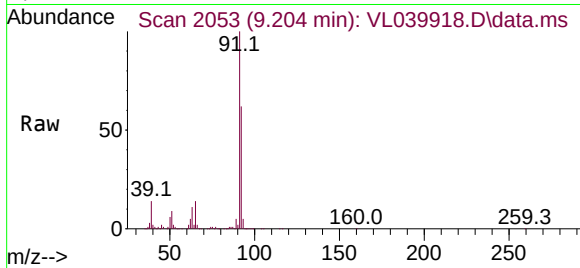




#53
Toluene
Concen: 10.053 ppbv
RT: 9.204 min Scan# 2056
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

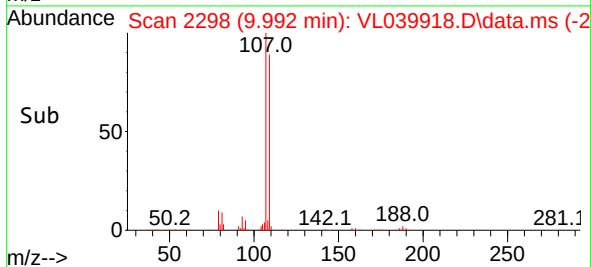
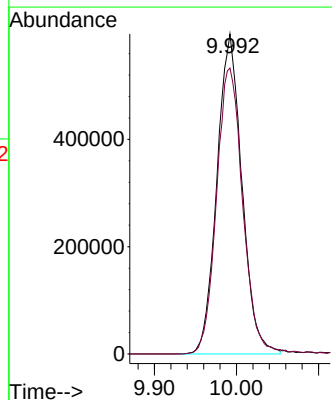
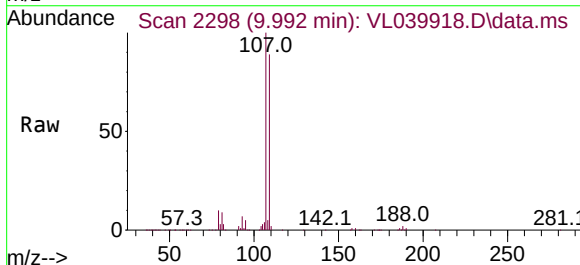
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

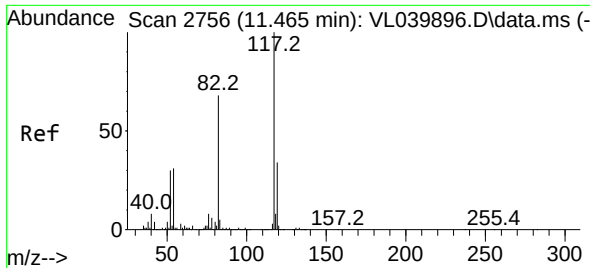
Tgt Ion: 91 Resp: 2992549
Ion Ratio Lower Upper
91 100
92 61.9 49.8 74.6



#54
1,2-Dibromoethane
Concen: 11.303 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 107 Resp: 1262099
Ion Ratio Lower Upper
107 100
109 89.3 72.8 109.2

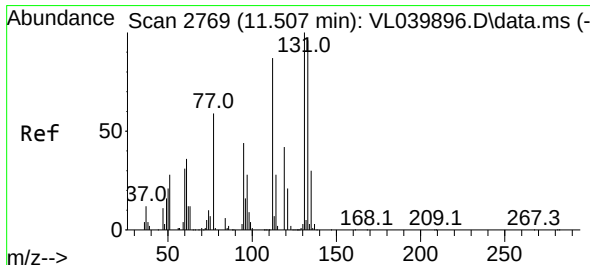
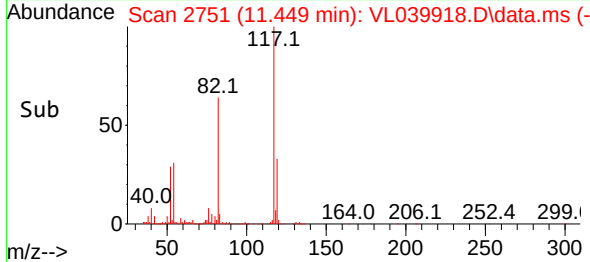
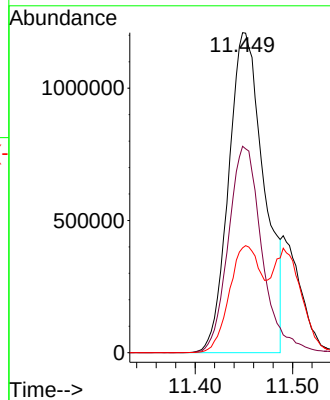
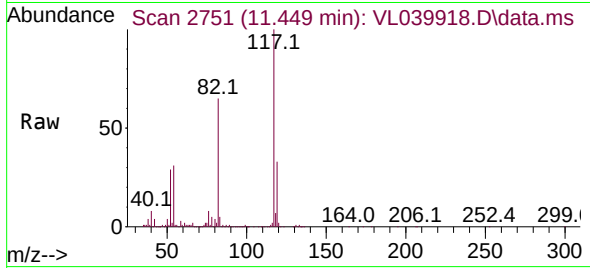




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

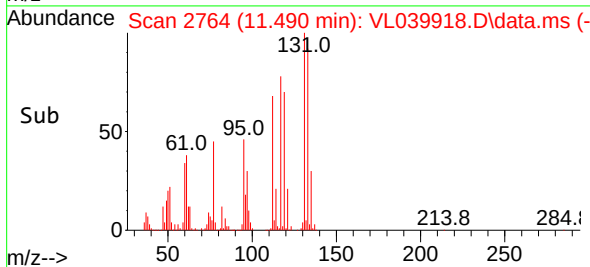
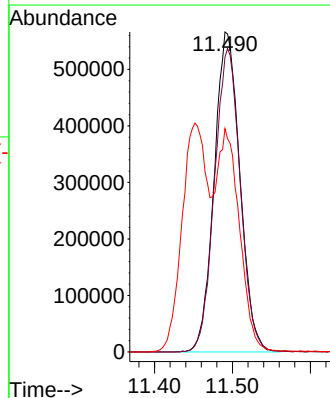
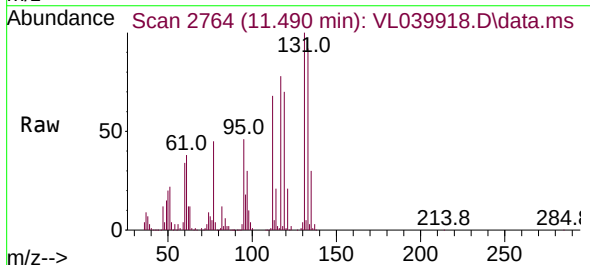
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

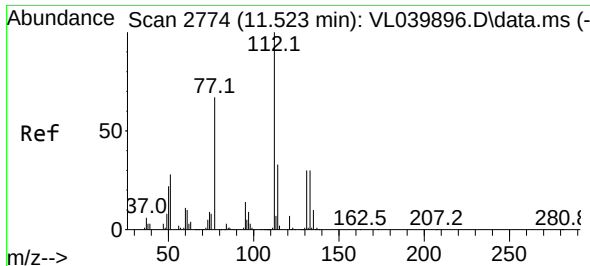
Tgt Ion:117 Resp: 3059621
Ion Ratio Lower Upper
117 100
82 61.7 52.3 78.5
119 29.4 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.373 ppbv
RT: 11.490 min Scan# 2764
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion:131 Resp: 1297385
Ion Ratio Lower Upper
131 100
133 95.1 76.7 115.1
119 65.6 46.6 69.8

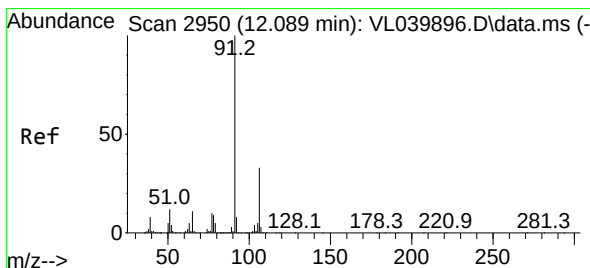
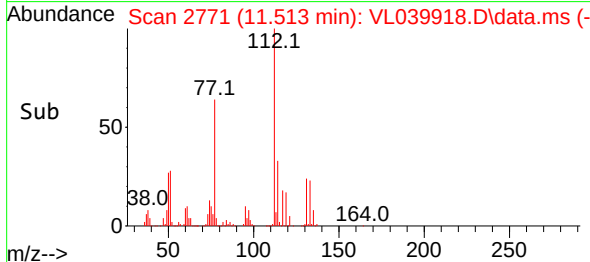
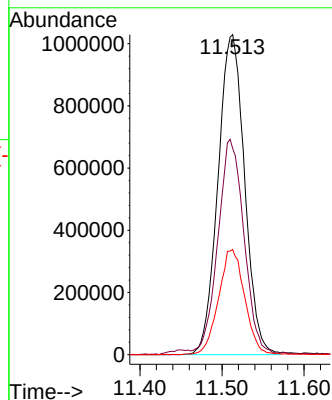
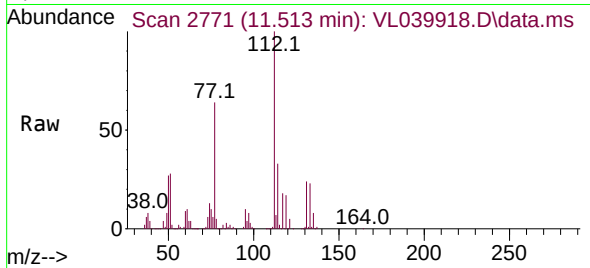




#57
Chlorobenzene
Concen: 9.925 ppbv
RT: 11.513 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

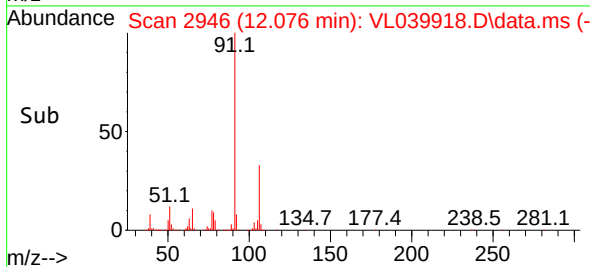
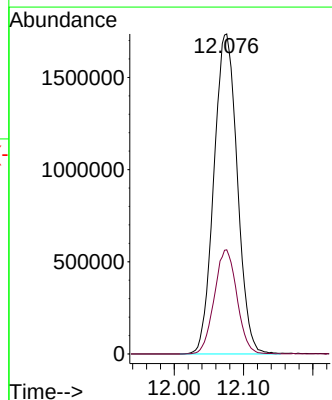
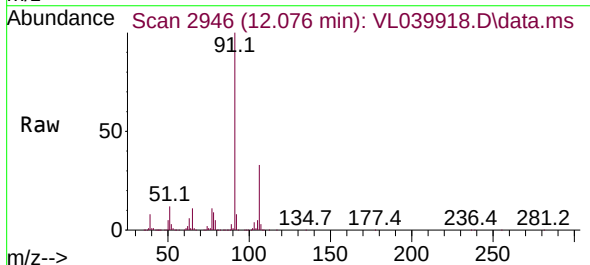
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

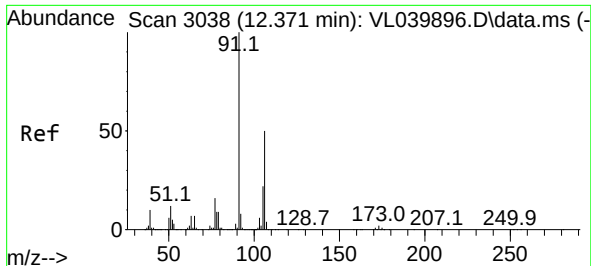
Tgt Ion:112 Resp: 2321872
Ion Ratio Lower Upper
112 100
77 63.9 54.6 81.8
114 32.8 30.1 36.7



#58
Ethyl Benzene
Concen: 9.818 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.013 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 91 Resp: 4075166
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1





#59

m/p-Xylene

Concen: 9.877 ppbv

RT: 12.355 min Scan# 3038

Delta R.T. 0.010 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_1

ClientSampleId :

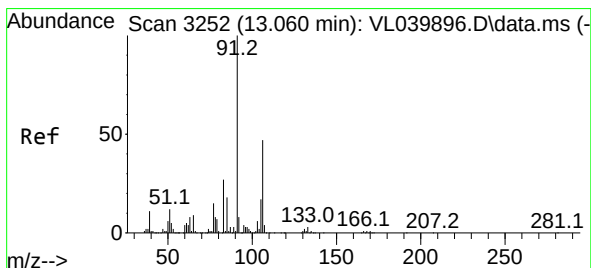
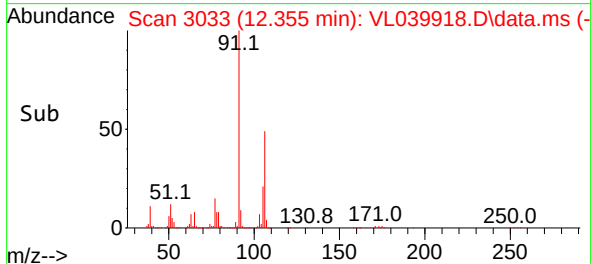
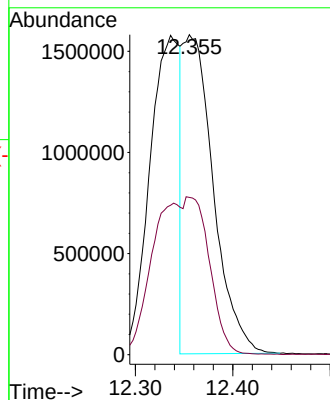
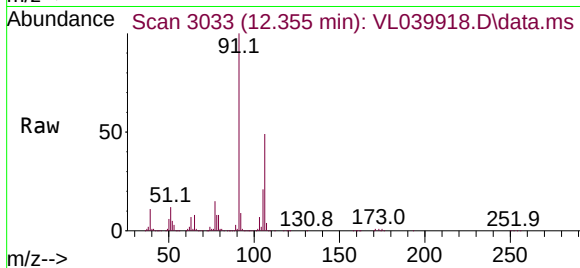
VSTDCCC010EC

Tgt Ion: 91 Resp: 3431488

Ion Ratio Lower Upper

91 100

106 90.3 37.0 55.6#



#60

o-Xylene

Concen: 9.854 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.010 min

Lab File: VL039918.D

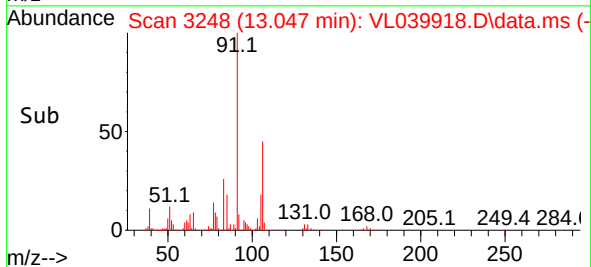
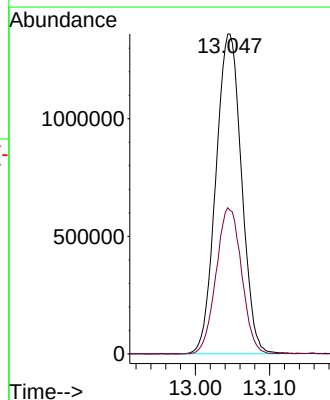
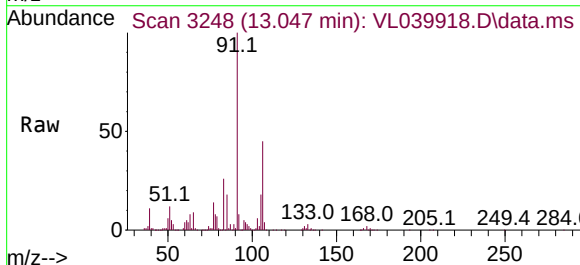
Acq: 21 Nov 2022 21:30

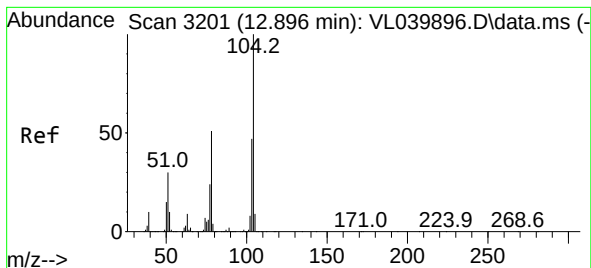
Tgt Ion: 91 Resp: 3264848

Ion Ratio Lower Upper

91 100

106 45.7 23.2 69.6





#61

Styrene

Concen: 10.192 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. 0.006 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

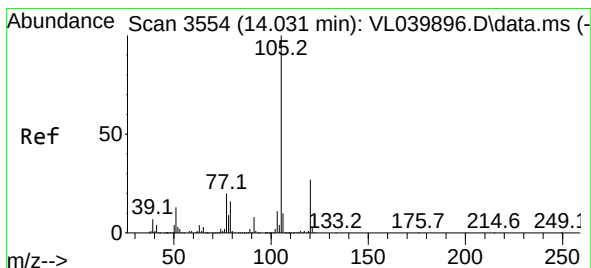
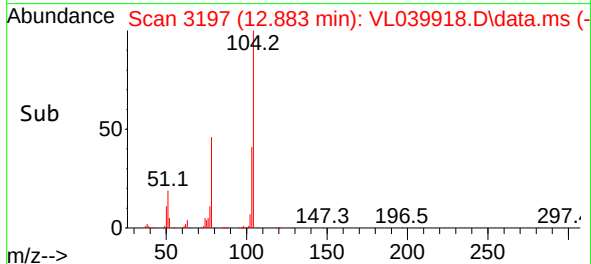
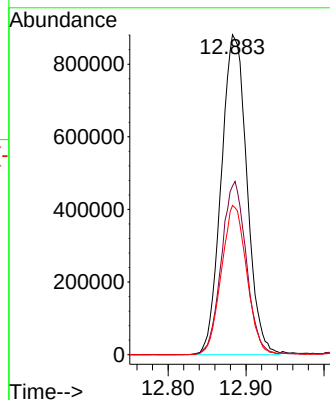
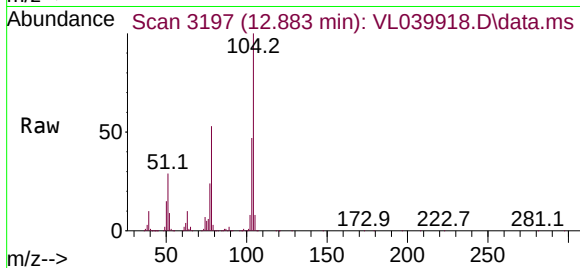
Tgt Ion:104 Resp: 2015527

Ion Ratio Lower Upper

104 100

78 52.6 41.8 62.8

103 46.3 37.2 55.8



#62

Isopropylbenzene

Concen: 9.816 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.010 min

Lab File: VL039918.D

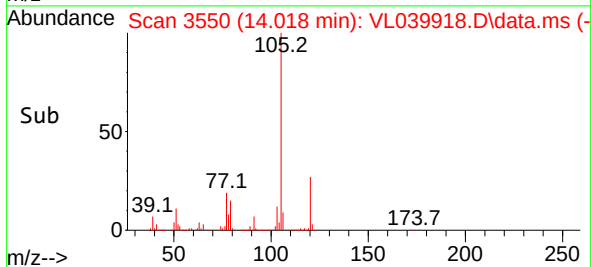
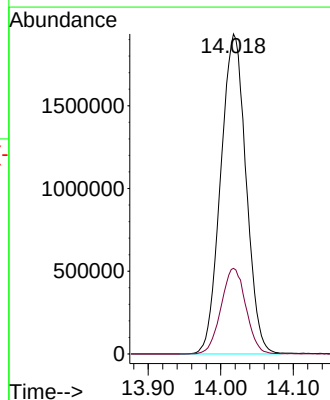
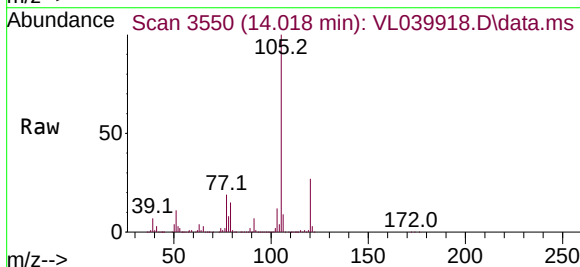
Acq: 21 Nov 2022 21:30

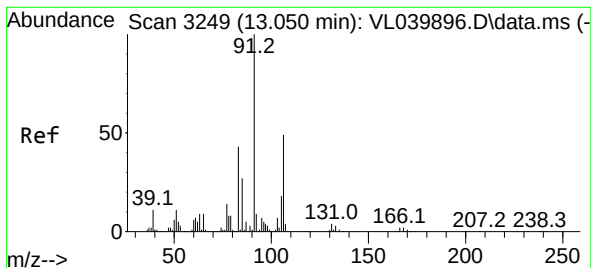
Tgt Ion:105 Resp: 4689925

Ion Ratio Lower Upper

105 100

120 26.3 21.4 32.2

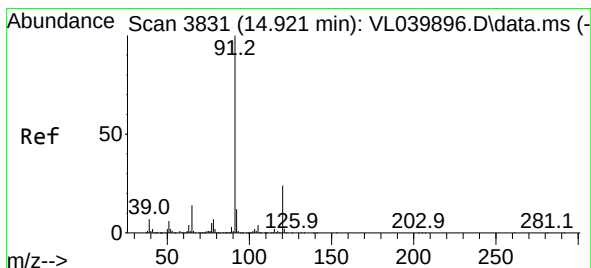
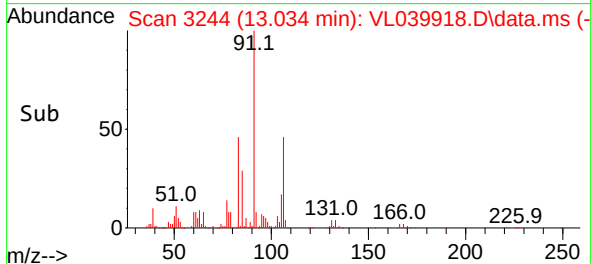
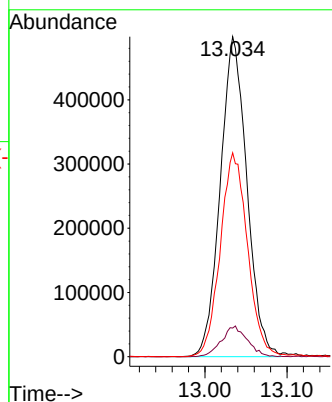
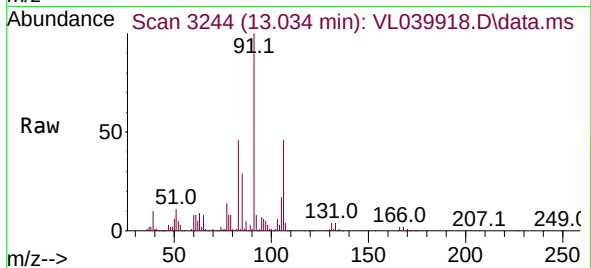




#63
1,1,2,2-Tetrachloroethane
Concen: 10.139 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

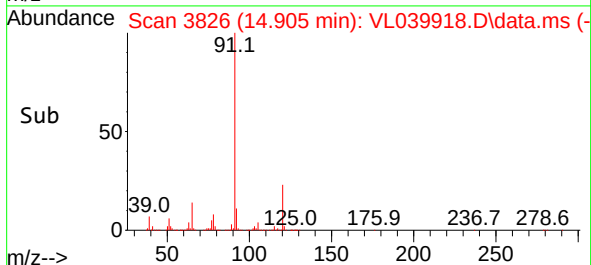
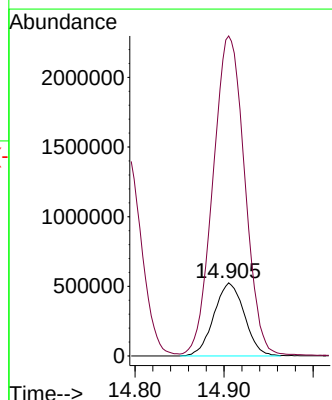
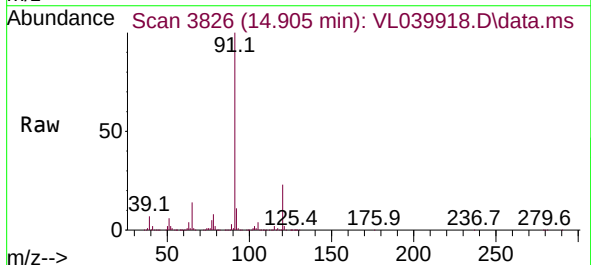
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

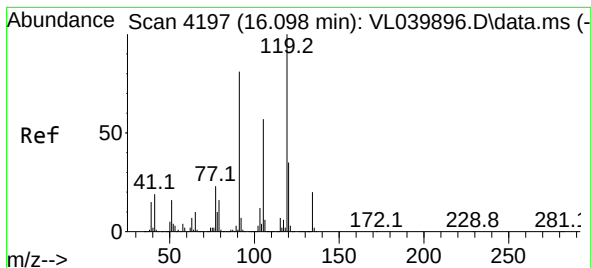
Tgt Ion: 83 Resp: 1121634
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.6 33.0 99.0



#64
n-propylbenzene
Concen: 9.942 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion:120 Resp: 1242586
Ion Ratio Lower Upper
120 100
91 459.7 353.7 530.5





#65

tert-Butylbenzene

Concen: 9.958 ppbv

RT: 16.082 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

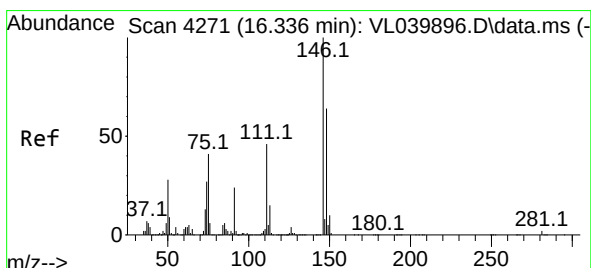
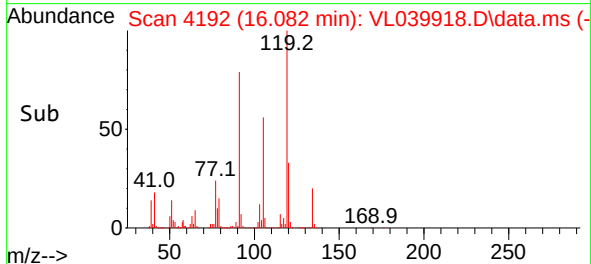
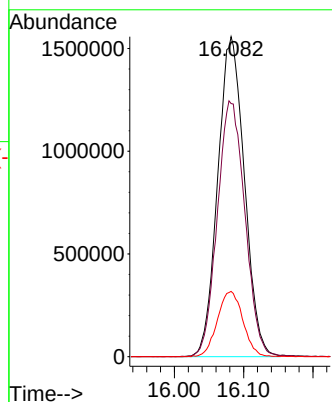
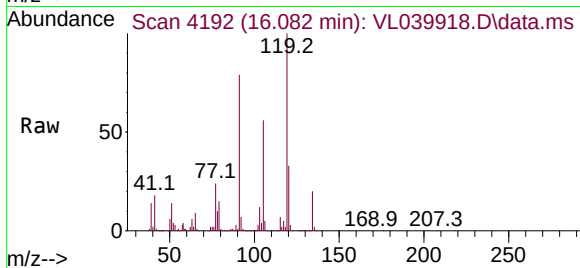
Tgt Ion:119 Resp: 4161827

Ion Ratio Lower Upper

119 100

91 82.7 65.8 98.8

134 19.6 16.1 24.1



#66

Benzyl Chloride

Concen: 9.625 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. 0.013 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

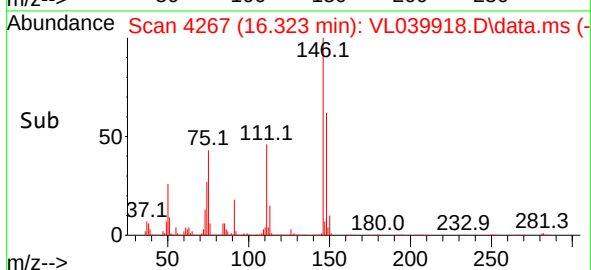
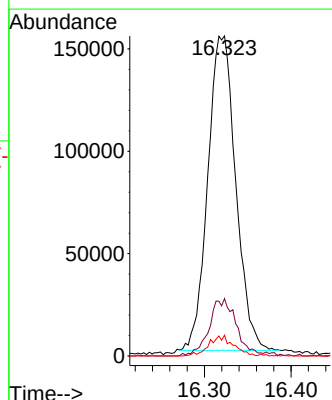
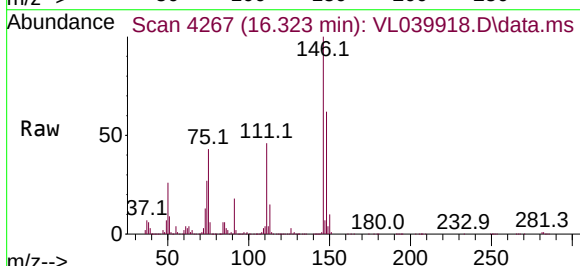
Tgt Ion: 91 Resp: 344745

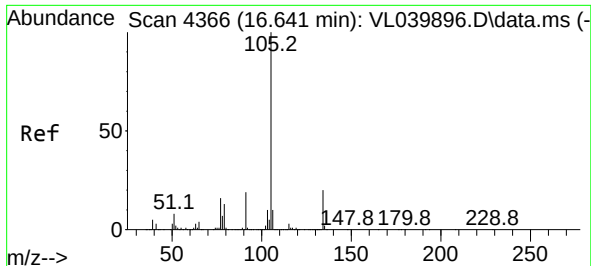
Ion Ratio Lower Upper

91 100

126 18.1 15.0 22.6

128 5.9 4.6 7.0

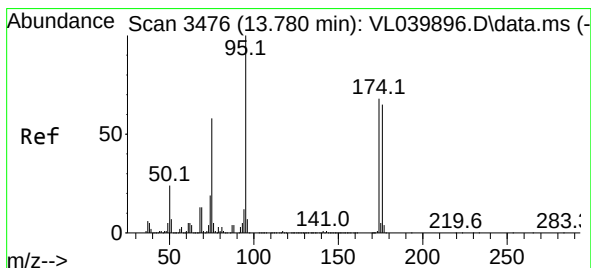
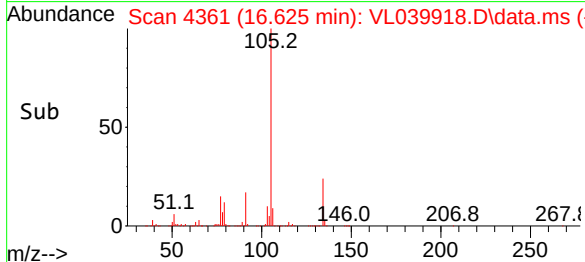
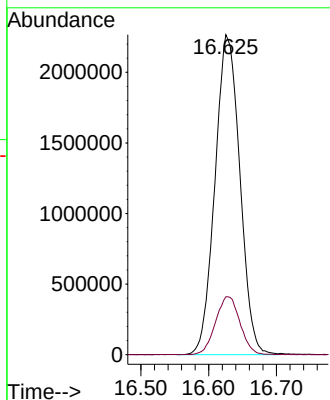
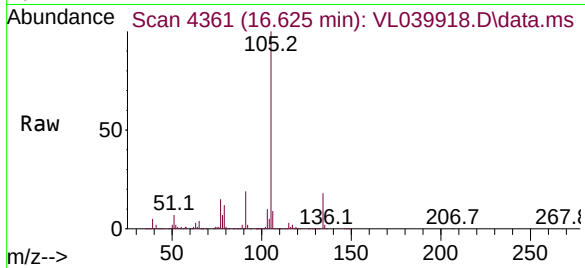




#67
 sec-Butylbenzene
 Concen: 10.059 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

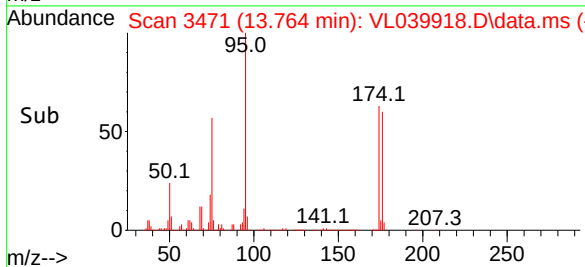
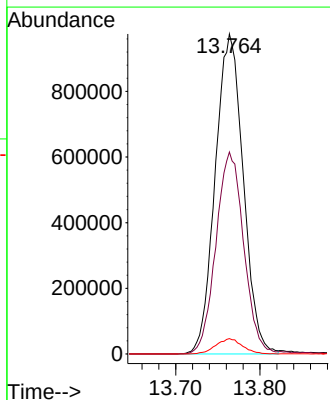
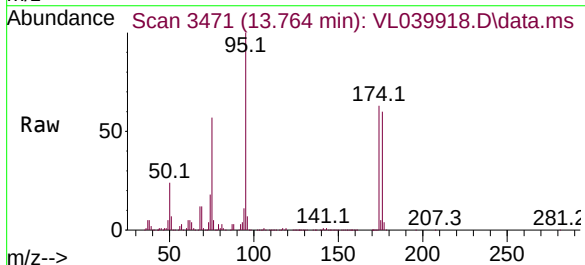
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

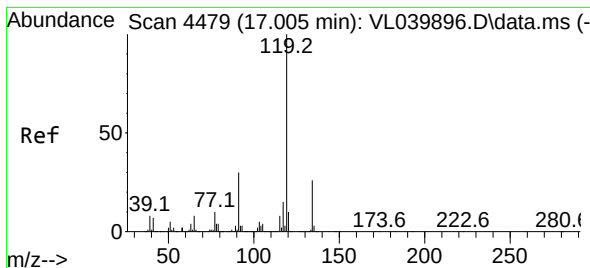
Tgt Ion:105 Resp: 5780878
 Ion Ratio Lower Upper
 105 100
 134 17.9 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.622 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.010 min
 Lab File: VL039918.D
 Acq: 21 Nov 2022 21:30

Tgt Ion: 95 Resp: 2248662
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.7 80.5
 175 4.6 4.0 6.0





#69

p-Isopropyltoluene

Concen: 10.145 ppbv

RT: 16.989 min Scan# 4479

Delta R.T. 0.010 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

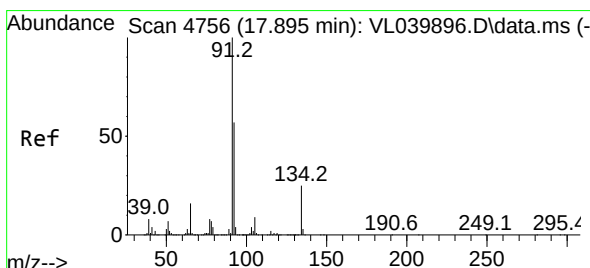
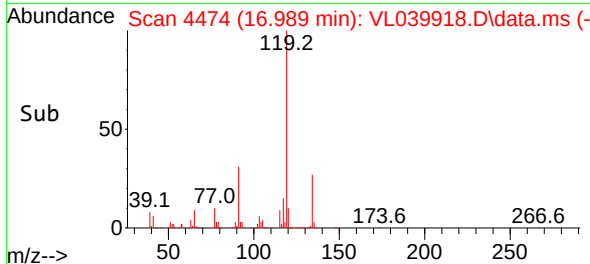
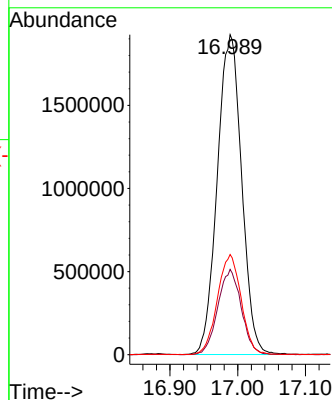
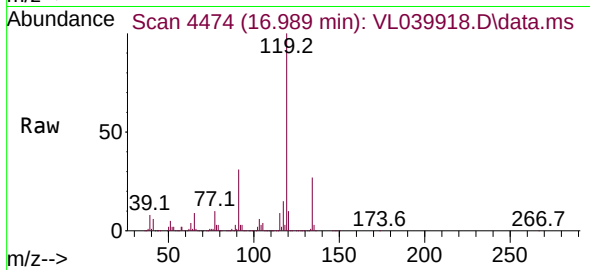
Tgt Ion:119 Resp: 4802599

Ion Ratio Lower Upper

119 100

134 25.7 21.0 31.4

91 30.5 24.4 36.6



#70

n-Butylbenzene

Concen: 10.501 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. 0.006 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

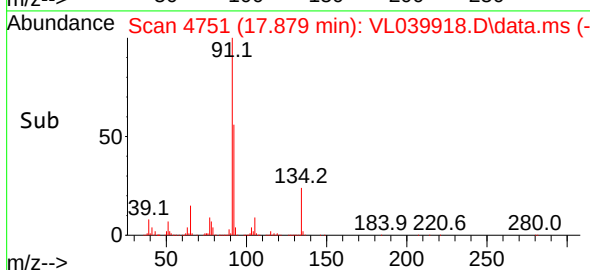
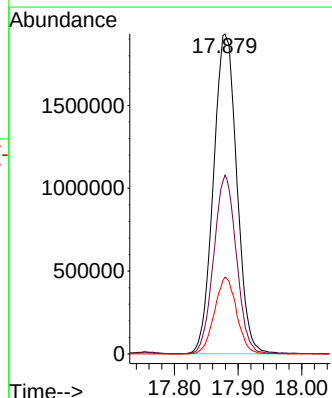
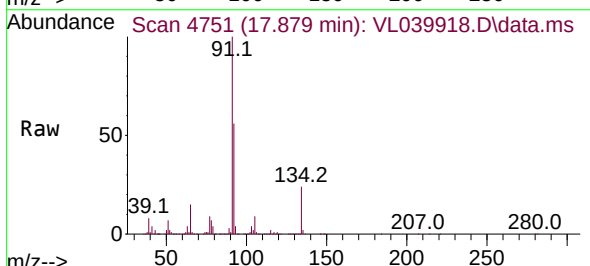
Tgt Ion: 91 Resp: 4928374

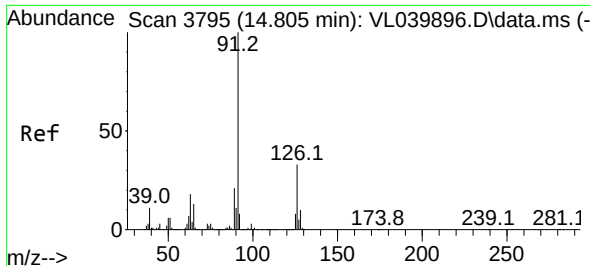
Ion Ratio Lower Upper

91 100

92 54.1 44.2 66.2

134 22.8 18.8 28.2

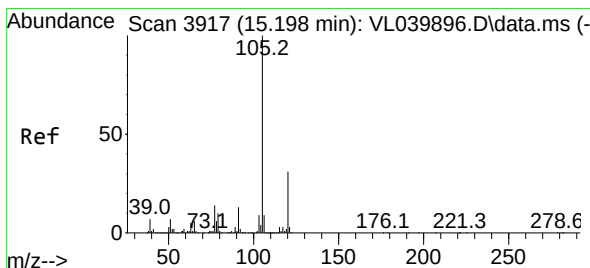
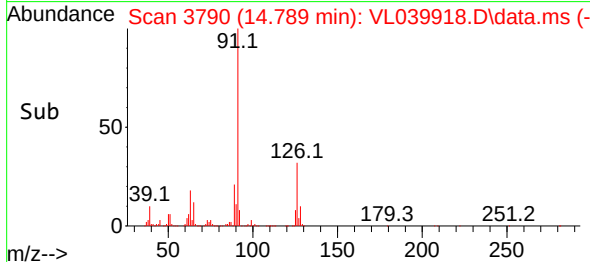
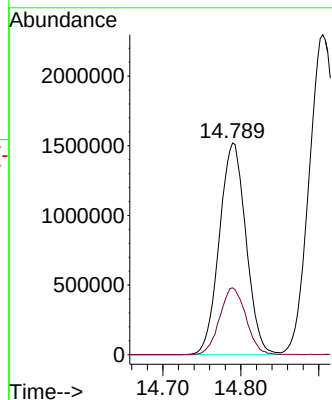
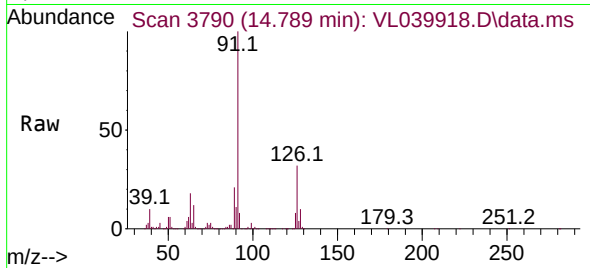




#71
2-Chlorotoluene
Concen: 9.962 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

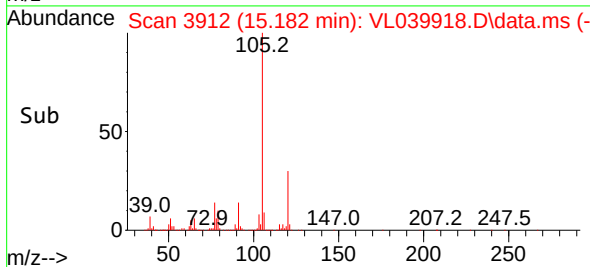
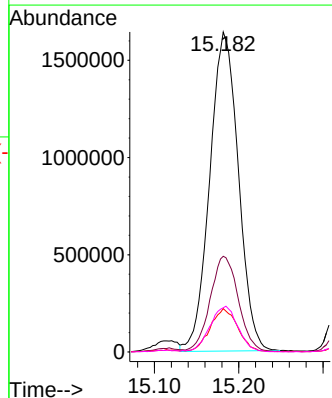
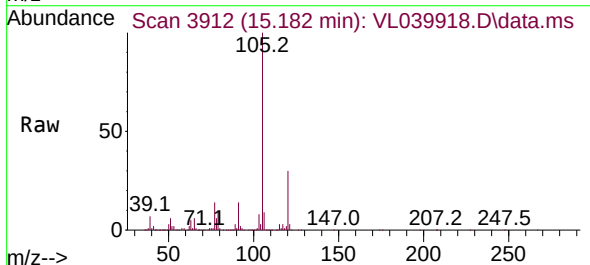
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

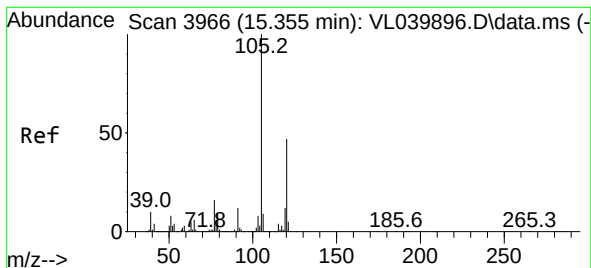
Tgt Ion: 91 Resp: 3607473
Ion Ratio Lower Upper
91 100
126 31.2 12.8 51.0



#72
4-Ethyltoluene
Concen: 10.401 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion: 105 Resp: 3873502
Ion Ratio Lower Upper
105 100
120 29.7 24.5 36.7
91 13.8 10.4 15.6
77 14.1 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.072 ppbv

RT: 15.339 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

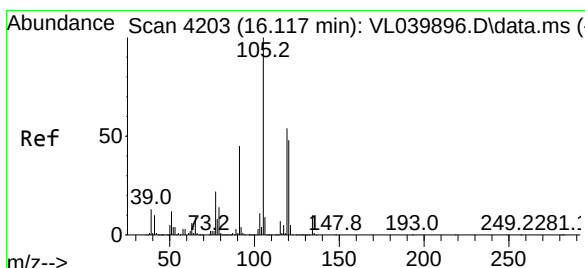
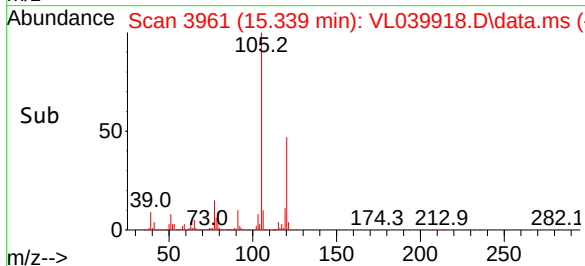
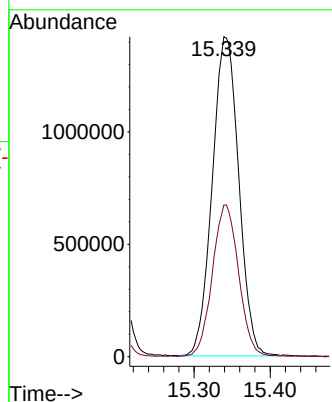
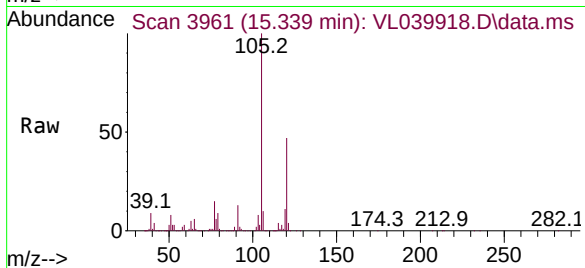
VSTDCCC010EC

Tgt Ion:105 Resp: 3433517

Ion Ratio Lower Upper

105 100

120 47.4 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 10.208 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.006 min

Lab File: VL039918.D

Acq: 21 Nov 2022 21:30

Tgt Ion:105 Resp: 3684283

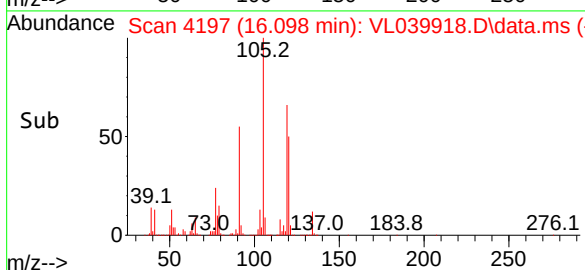
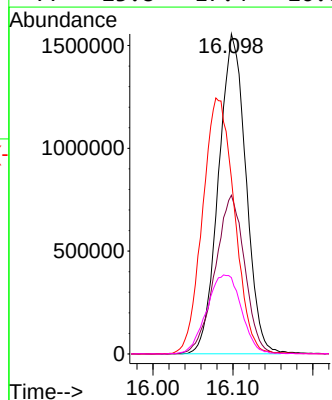
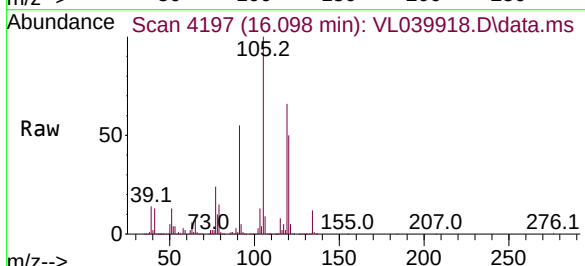
Ion Ratio Lower Upper

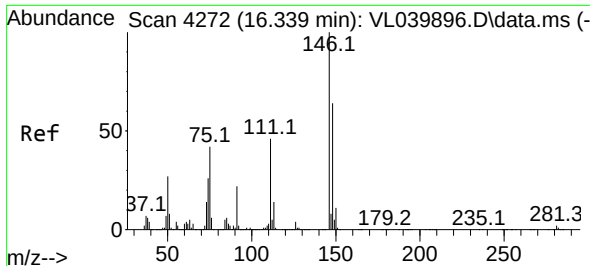
105 100

120 49.4 38.7 58.1

91 54.7 36.4 54.6#

77 23.8 17.4 26.0

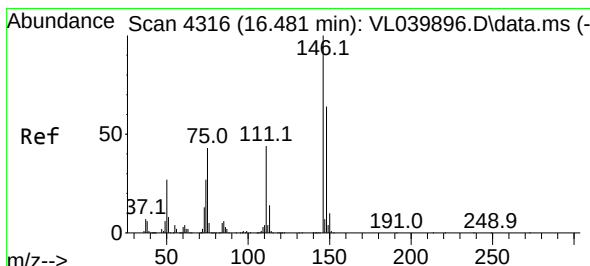
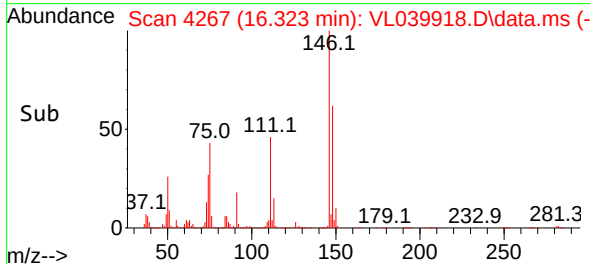
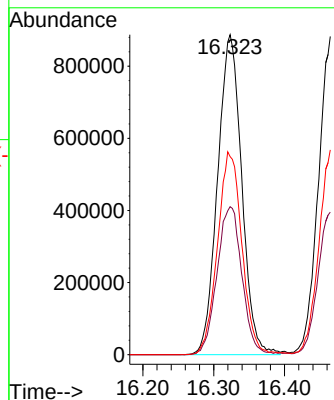
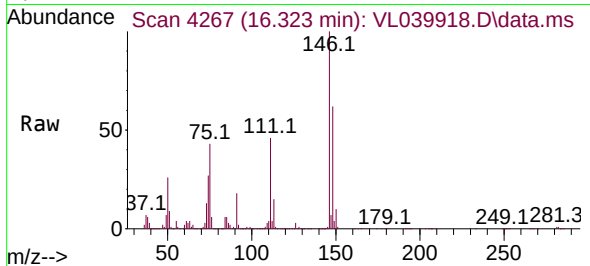




#75
1,3-Dichlorobenzene
Concen: 10.331 ppbv
RT: 16.323 min Scan# 4311
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

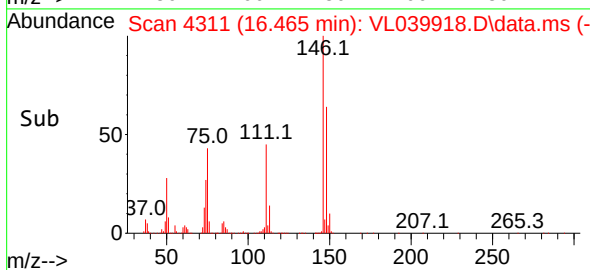
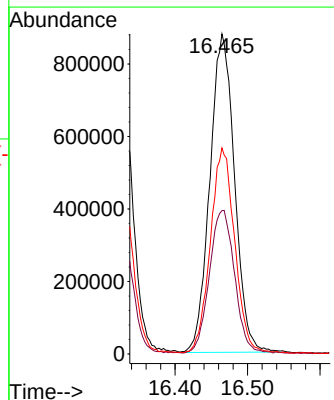
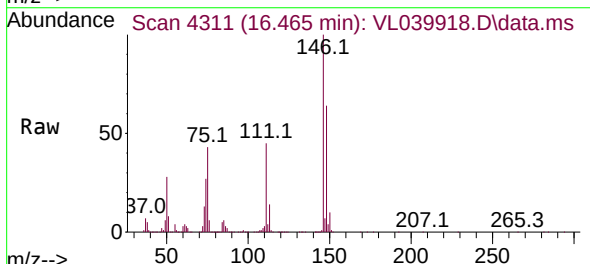
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

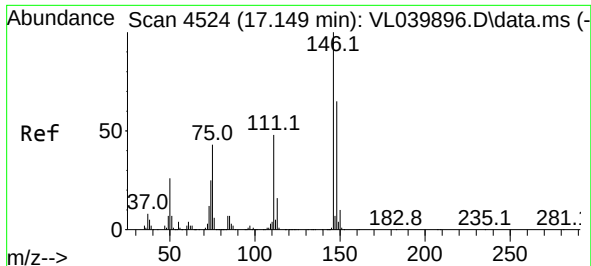
Tgt Ion:146 Resp: 2097850
Ion Ratio Lower Upper
146 100
111 47.9 23.3 69.9
148 64.3 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 10.307 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion:146 Resp: 2074921
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.3
148 64.4 32.3 96.9

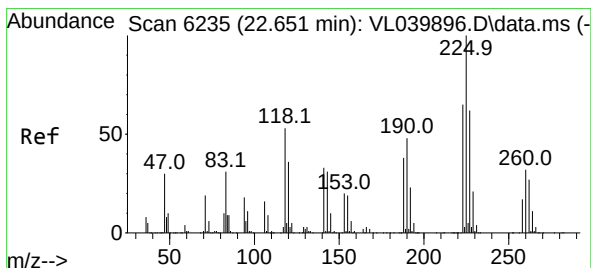
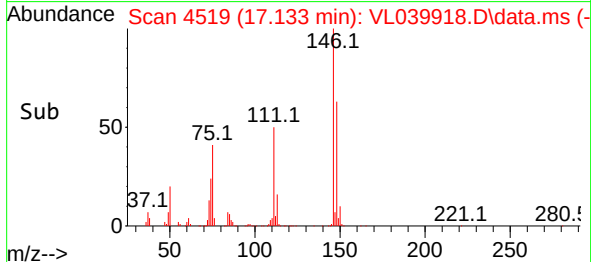
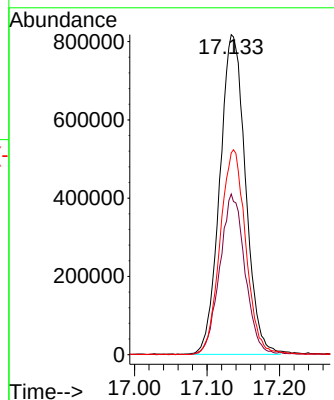
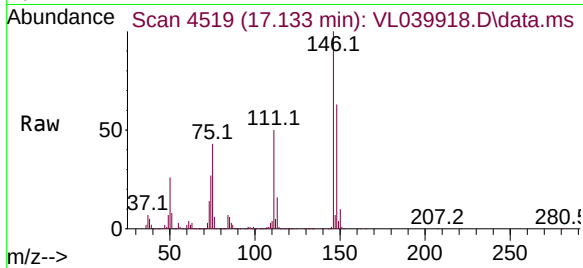




#77
1,2-Dichlorobenzene
Concen: 10.256 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. 0.003 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

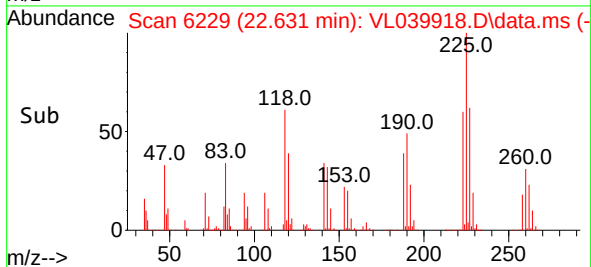
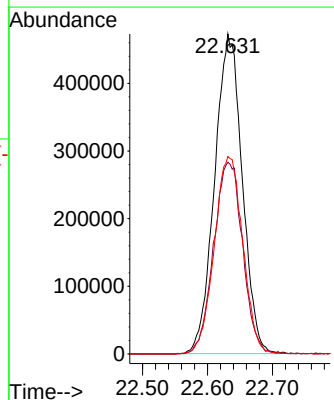
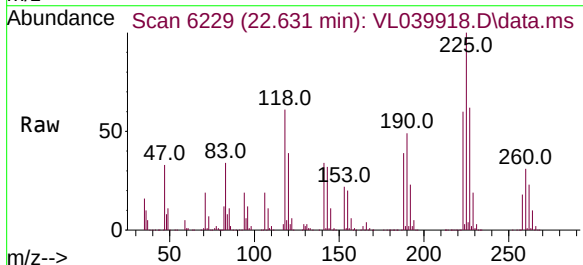
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

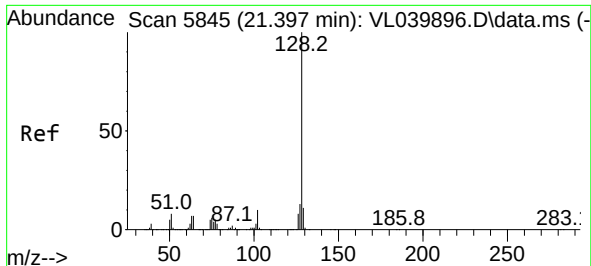
Tgt Ion:146 Resp: 2007817
Ion Ratio Lower Upper
146 100
111 49.7 24.1 72.3
148 64.1 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 10.265 ppbv
RT: 22.631 min Scan# 6229
Delta R.T. 0.006 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion:225 Resp: 1394454
Ion Ratio Lower Upper
225 100
223 63.0 50.7 76.1
227 63.9 50.8 76.2

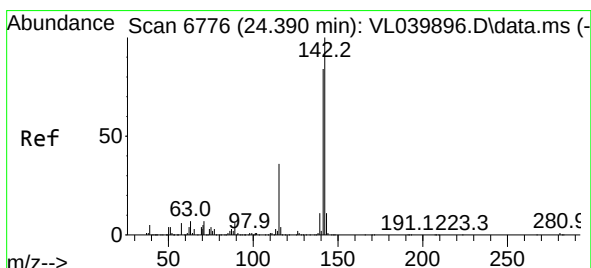
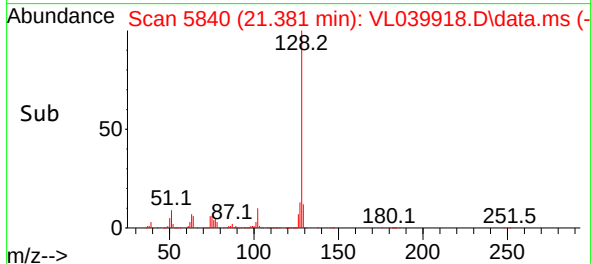
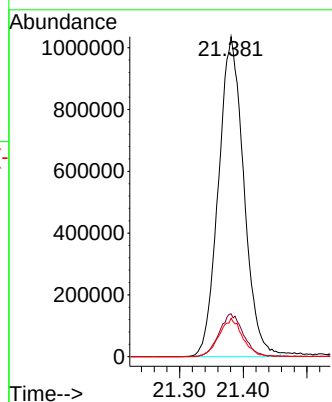
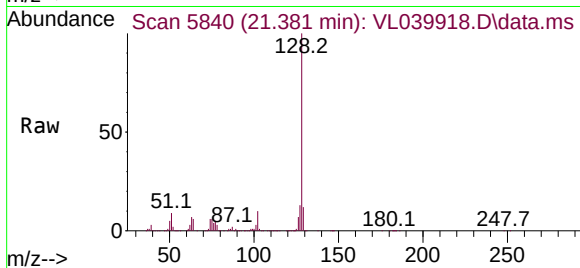




#79
Naphthalene
Concen: 13.260 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. 0.010 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

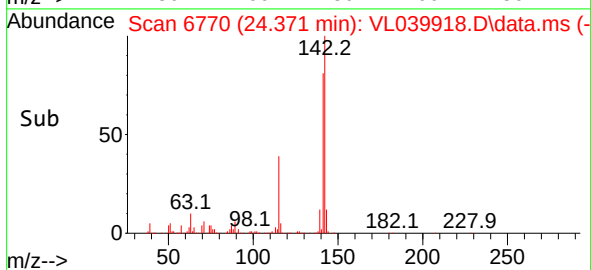
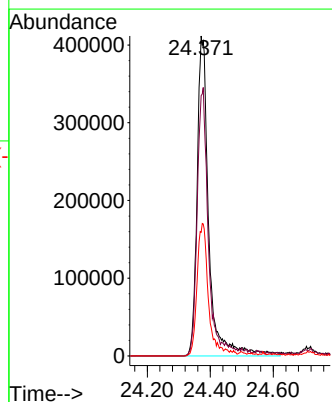
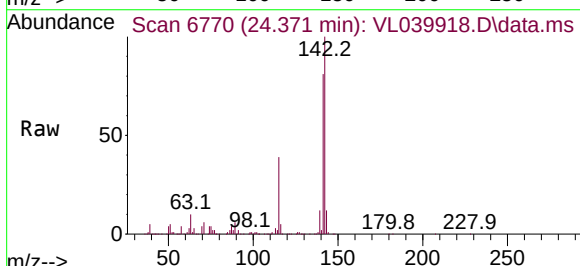
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

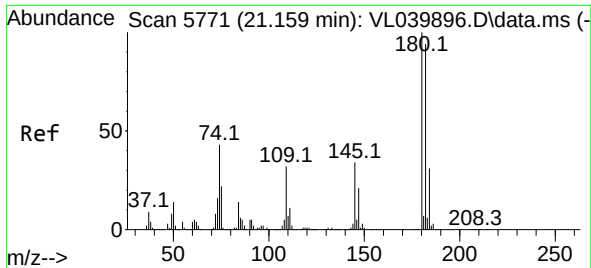
Tgt Ion:128 Resp: 2864279
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 12.0 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 17.592 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039918.D
Acq: 21 Nov 2022 21:30

Tgt Ion:142 Resp: 1068784
Ion Ratio Lower Upper
142 100
141 79.4 69.1 103.7
115 40.4 29.6 44.4





#81

1,2,4-Trichlorobenzene

Concen: 11.406 ppbv

RT: 21.136 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL039918.D

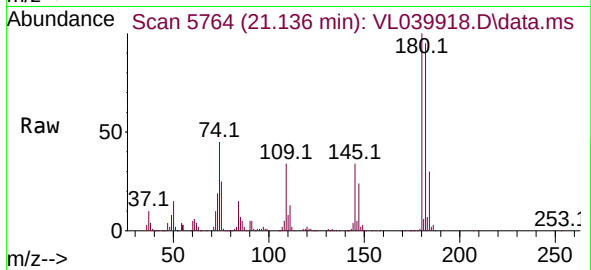
Acq: 21 Nov 2022 21:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1521494

Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.6

184 30.6 25.2 37.8

