

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040281.D
 Acq On : 15 Mar 2023 12:53
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 16 07:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1113476	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2896214	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2656217	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2207866	9.926	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.726	85	247871	1.135	ppbv	98
3) Chlorodifluoromethane	2.668	51	151946	1.085	ppbv	96
4) Chloromethane	2.809	50	94243	1.090	ppbv	99
5) Vinyl Chloride	2.915	62	74689	1.067	ppbv	98
6) Bromomethane	3.118	94	25236	1.040	ppbv	100
7) Chloroethane	3.195	64	28141	1.047	ppbv	97
8) Dichlorotetrafluoroethane	2.851	85	199598	1.067	ppbv	99
9) Propene	2.687	41	58486	1.090	ppbv	98
10) Heptane	7.581	43	127914	0.991	ppbv	99
11) Trichlorofluoromethane	3.562	101	205816	1.040	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.066	101	156386	1.052	ppbv	99
13) Ethanol	3.253	45	4494	1.142	ppbv #	19
14) Bromoethene	3.365	108	54959	0.991	ppbv	90
15) Acetone	3.475	43	144113	1.063	ppbv	93
16) 1,3-Butadiene	2.980	39	60590	0.983	ppbv	88
17) tert-Butyl alcohol	3.886	59	141496	1.098	ppbv	96
18) 1,1-Dichloroethene	3.880	96	68279	1.071	ppbv	92
19) Isopropyl Alcohol	3.591	45	34009	0.524	ppbv #	89
20) Methylene Chloride	3.931	84	58928	1.033	ppbv	94
21) Allyl Chloride	3.996	41	89040	1.014	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	67911	1.046	ppbv	97
23) Vinyl Acetate	4.636	43	34184	0.906	ppbv #	83
24) 1,1-Dichloroethane	4.562	63	139835	1.040	ppbv	97
25) Ethyl Acetate	5.211	43	267496	1.054	ppbv	99
26) Hexane	5.217	57	108445	1.041	ppbv	91
27) Carbon Disulfide	4.124	76	141278	0.971	ppbv	97
28) Methyl tert-Butyl Ether	4.590	73	122800	1.027	ppbv	99
29) Chloroform	5.272	83	197857	1.076	ppbv	91
30) Cyclohexane	6.610	84	36106	0.440	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	98463	0.971	ppbv	95
32) 1,1,1-Trichloroethane	6.005	97	190995	1.084	ppbv	98
34) 2-Butanone	4.796	43	146303	1.024	ppbv	97
35) Carbon Tetrachloride	6.494	117	192211	1.058	ppbv	92
36) Benzene	6.375	78	227226	1.029	ppbv	97
37) 1,2-Dichloroethane	5.809	62	147616	1.028	ppbv	99
38) Trichloroethene	7.298	130	126161	1.046	ppbv	94
39) 1,2-Dichloropropane	7.079	63	87086	1.006	ppbv	91
40) 1,4-Dioxane	7.314	88	28055	0.819	ppbv #	1
41) Tetrahydrofuran	5.574	42	75845	0.919	ppbv	93
42) Bromodichloromethane	7.253	83	195978	0.998	ppbv	96
43) Methyl Methacrylate	7.481	69	79016	0.963	ppbv	94
44) 2,2,4-Trimethylpentane	7.333	57	381337	1.036	ppbv	98
45) t-1,3-Dichloropropene	8.716	75	58873	0.823	ppbv	96

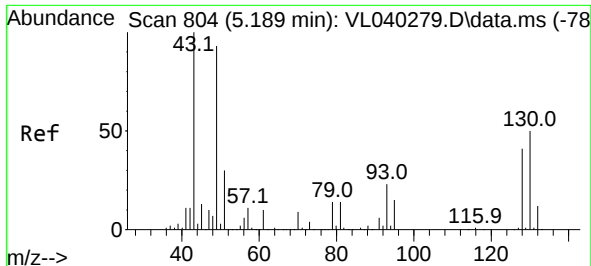
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040281.D
 Acq On : 15 Mar 2023 12:53
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Instrument :
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 VSTDICC001

Quant Time: Mar 16 07:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	95646	0.942	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	94667	1.025	ppbv	96
48) Dibromochloromethane	9.716	129	146548	0.964	ppbv	99
49) Bromoform	12.417	173	104797	0.918	ppbv	100
50) 4-Methyl-2-Pentanone	8.198	43	223480	1.010	ppbv	98
51) 2-Hexanone	9.574	43	167650	0.978	ppbv #	97
52) Tetrachloroethene	10.626	164	34658	0.519	ppbv	91
53) Toluene	9.230	91	224529	0.971	ppbv	98
54) 1,2-Dibromoethane	10.015	107	97848	1.029	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.516	131	117358	1.050	ppbv #	1
57) Chlorobenzene	11.536	112	202885	1.074	ppbv #	90
58) Ethyl Benzene	12.098	91	307602	1.017	ppbv	99
59) m/p-Xylene	12.381	91	276852	0.999	ppbv #	30
60) o-Xylene	13.066	91	272696	1.030	ppbv	99
61) Styrene	12.908	104	125395	0.933	ppbv	98
62) Isopropylbenzene	14.043	105	397051	1.053	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	105104	1.128	ppbv	99
64) n-propylbenzene	14.924	120	94377	1.022	ppbv	82
65) tert-Butylbenzene	16.101	119	341216	1.050	ppbv	94
66) Benzyl Chloride	16.349	91	5310	0.251	ppbv #	62
67) sec-Butylbenzene	16.648	105	497211	1.070	ppbv	98
69) p-Isopropyltoluene	17.008	119	380687	1.052	ppbv	97
70) n-Butylbenzene	17.899	91	417292	1.046	ppbv	99
71) 2-Chlorotoluene	14.815	91	299583	1.044	ppbv	97
72) 4-Ethyltoluene	15.204	105	294486	1.017	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	264387	1.008	ppbv	95
74) 1,2,4-Trimethylbenzene	16.121	105	314596	1.052	ppbv	99
75) 1,3-Dichlorobenzene	16.339	146	97670	0.603	ppbv #	42
76) 1,4-Dichlorobenzene	16.487	146	155918	1.009	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	165191	1.061	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	78793	0.690	ppbv #	52
79) Naphthalene	21.397	128	67067	0.379	ppbv #	96
80) Naphthalene,2-methyl-	24.384	142	19385	0.433	ppbv #	84
81) 1,2,4-Trichlorobenzene	21.149	180	37325	0.342	ppbv #	12

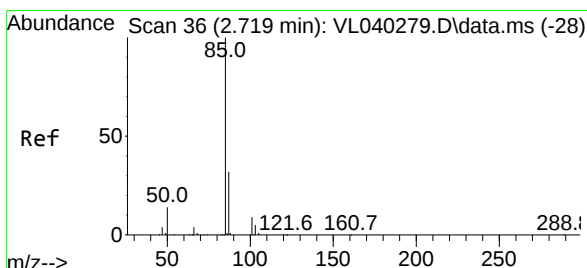
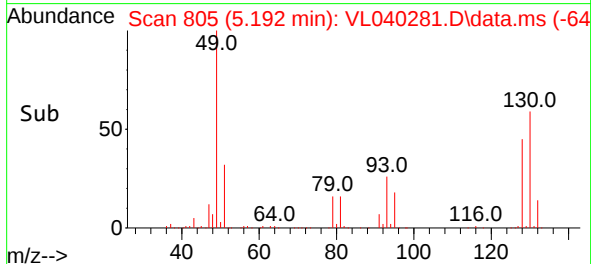
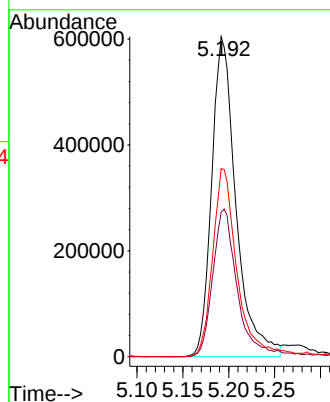
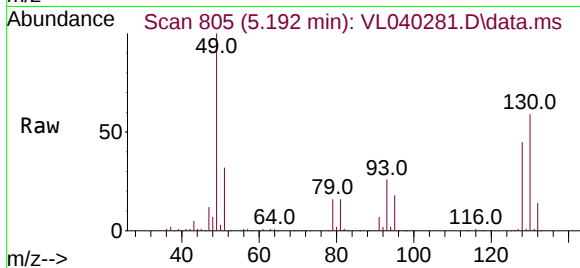
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

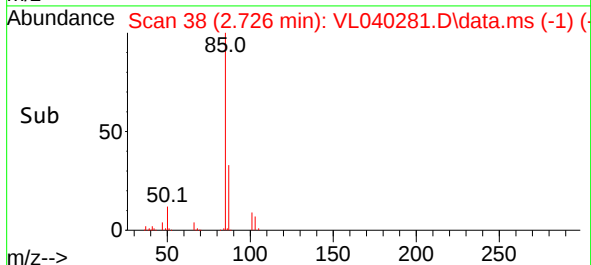
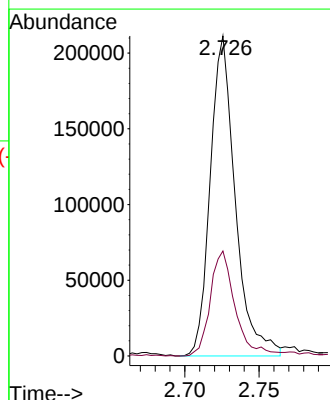
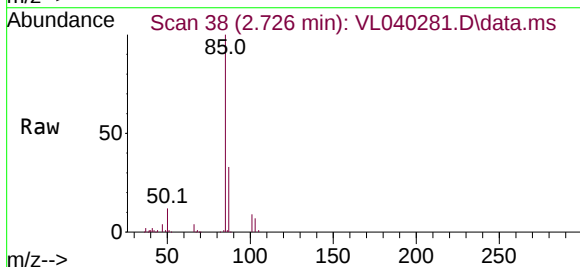
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MSVOA_L
ClientSampleId :
VSTDIC001

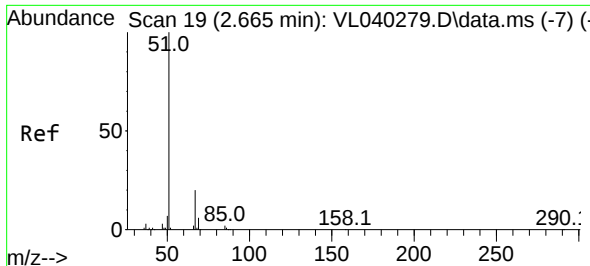
Tgt Ion: 49 Resp: 1113476
Ion Ratio Lower Upper
49 100
128 47.7 22.4 67.3
130 61.2 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 1.135 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 85 Resp: 247871
Ion Ratio Lower Upper
85 100
87 32.8 25.5 38.3

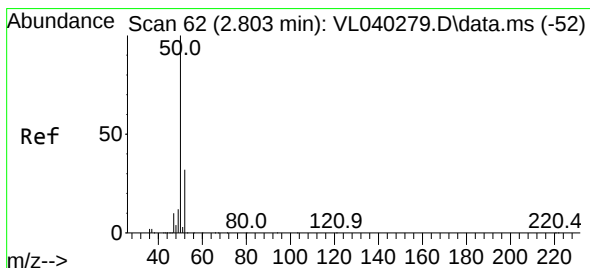
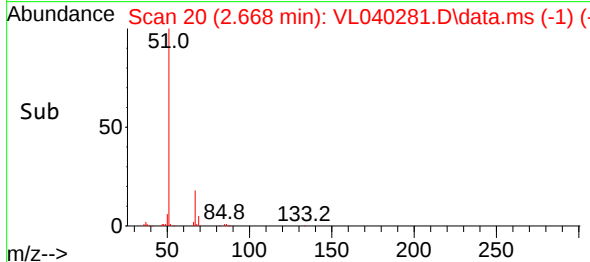
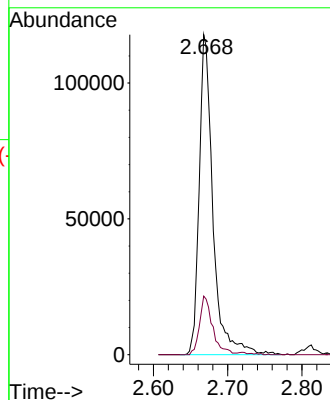
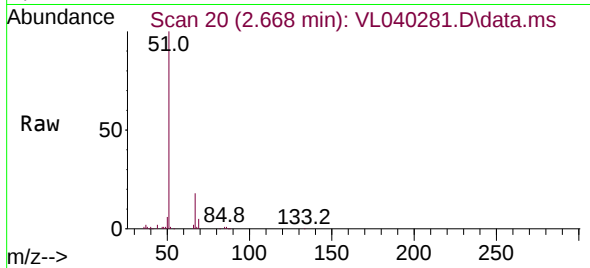




#3
Chlorodifluoromethane
Concen: 1.085 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

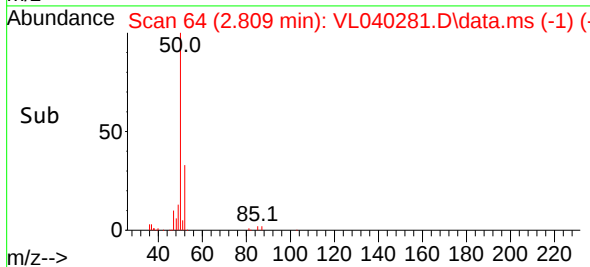
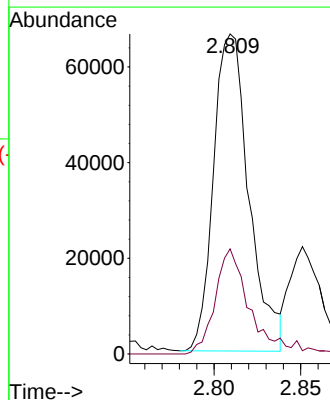
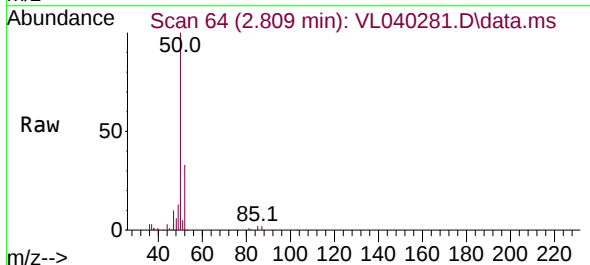
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ClientSampleId :
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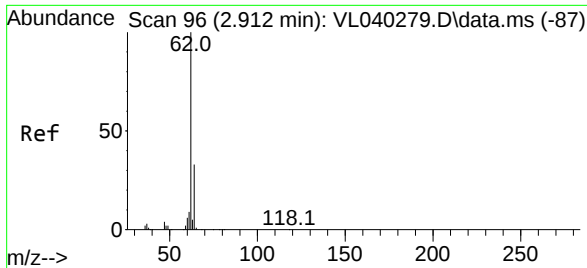
Tgt Ion: 51 Resp: 151946
Ion Ratio Lower Upper
51 100
67 18.1 16.0 24.0



#4
Chloromethane
Concen: 1.090 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 50 Resp: 94243
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

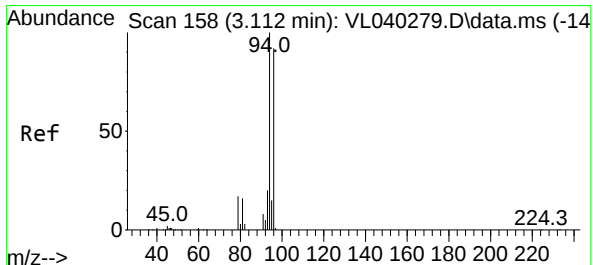
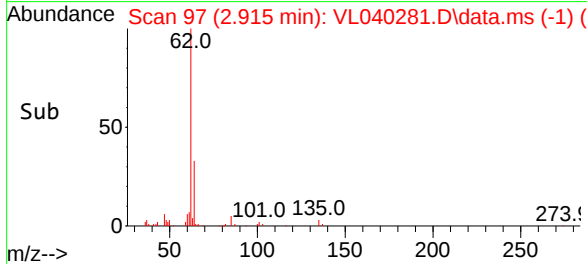
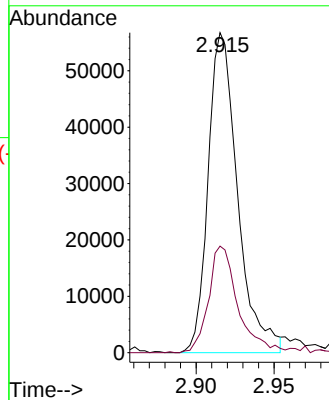
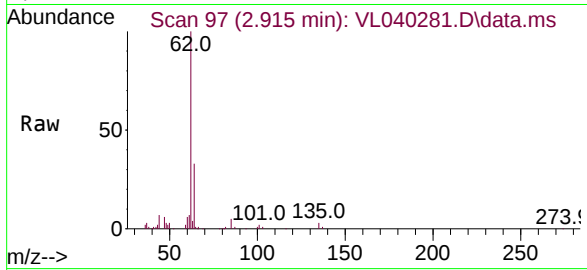




#5
 Vinyl Chloride
 Concen: 1.067 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

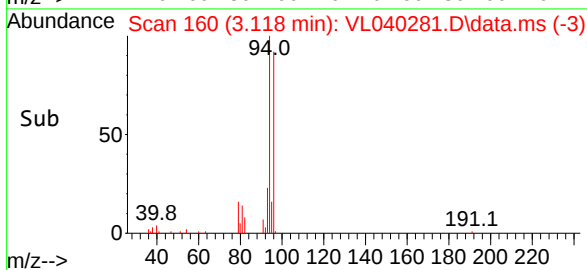
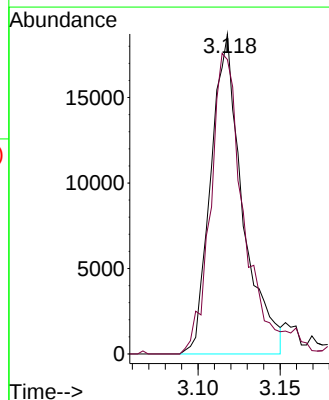
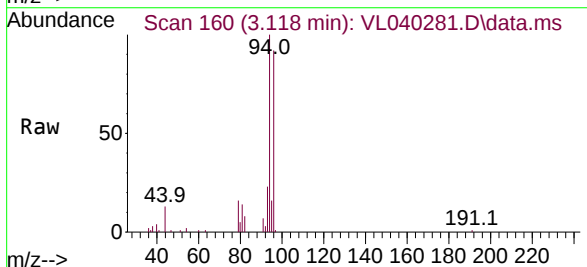
Instrument :
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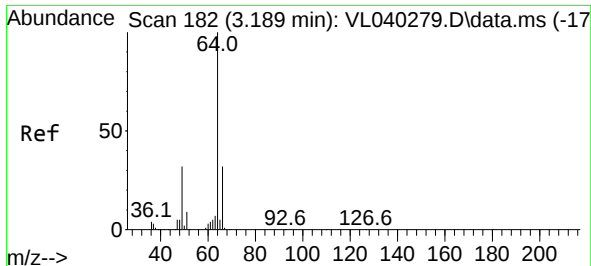
Tgt Ion: 62 Resp: 74689
 Ion Ratio Lower Upper
 62 100
 64 34.3 26.4 39.6



#6
 Bromomethane
 Concen: 1.040 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 94 Resp: 25236
 Ion Ratio Lower Upper
 94 100
 96 92.0 73.7 110.5

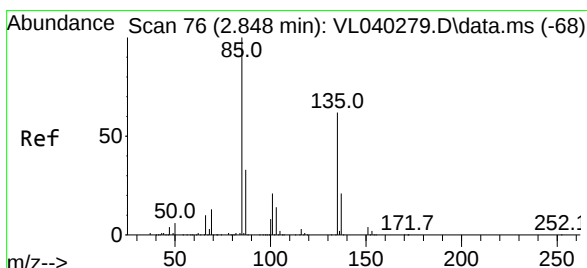
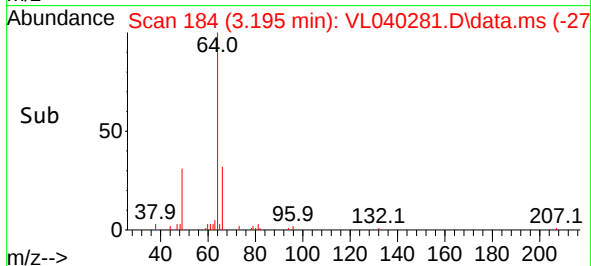
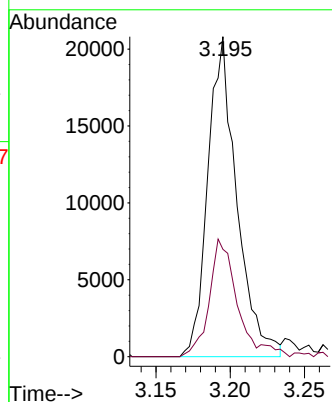
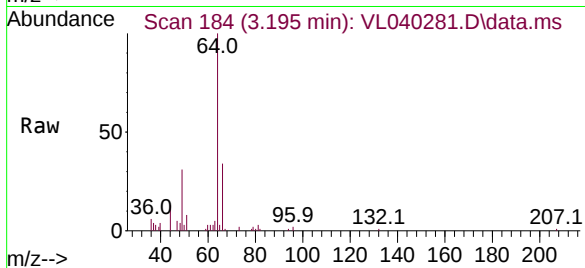




#7
Chloroethane
Concen: 1.047 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

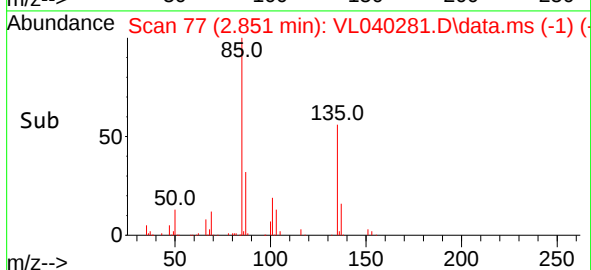
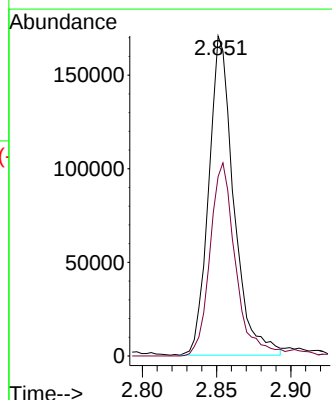
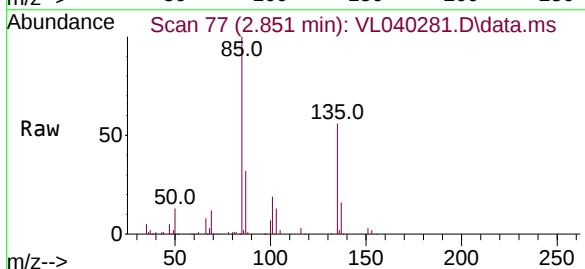
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ClientSampleId :
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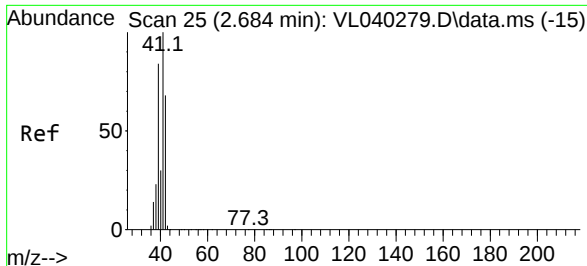
Tgt Ion: 64 Resp: 28141
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 1.067 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 85 Resp: 199598
Ion Ratio Lower Upper
85 100
135 63.9 52.0 78.0

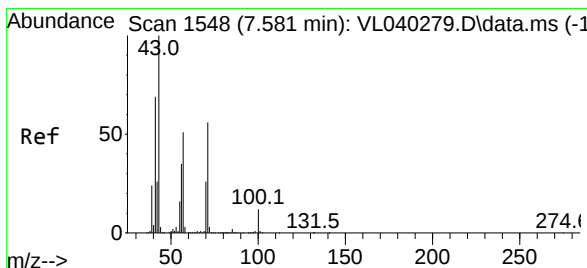
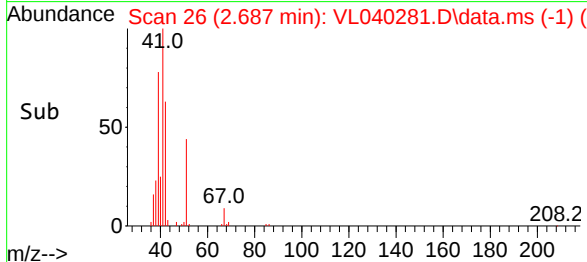
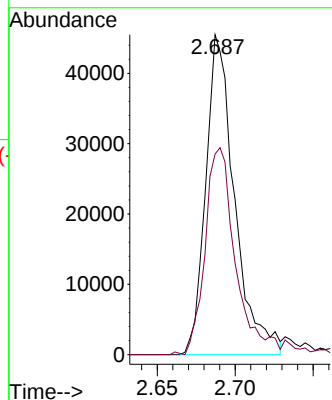
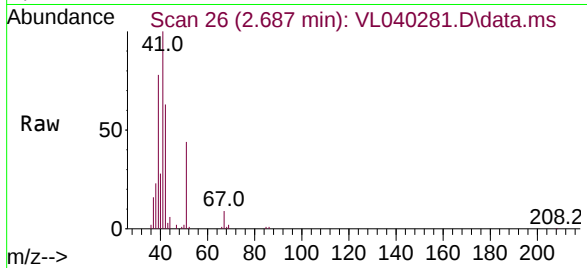




#9
 Propene
 Concen: 1.090 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

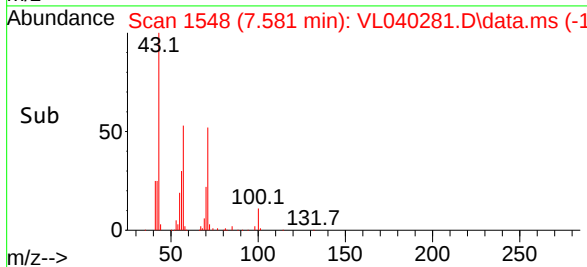
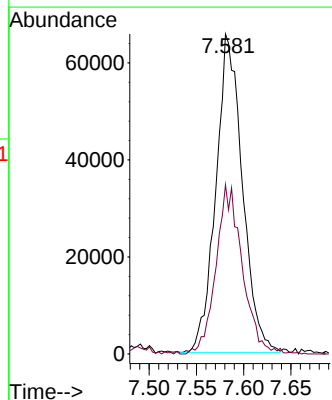
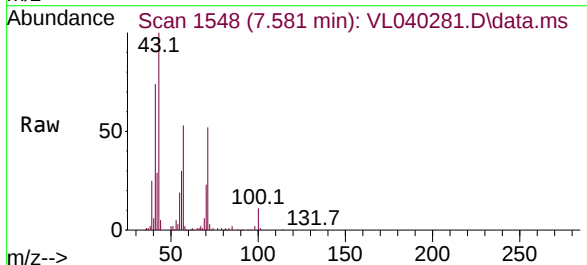
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 58486
 Ion Ratio Lower Upper
 41 100
 42 72.0 59.0 88.4



#10
 Heptane
 Concen: 0.991 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 43 Resp: 127914
 Ion Ratio Lower Upper
 43 100
 57 53.0 41.7 62.5

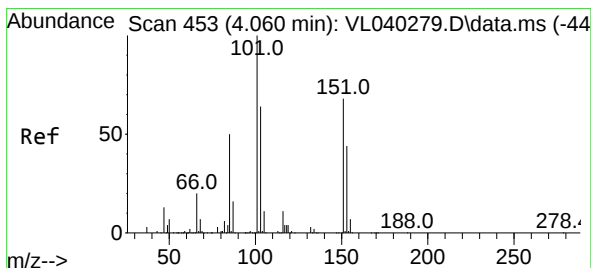
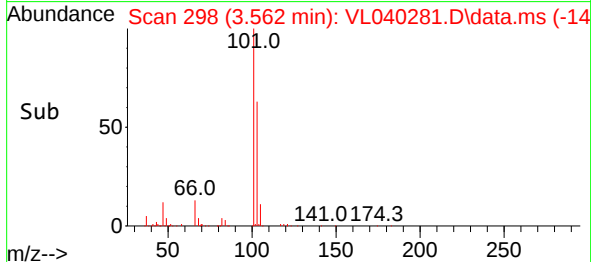
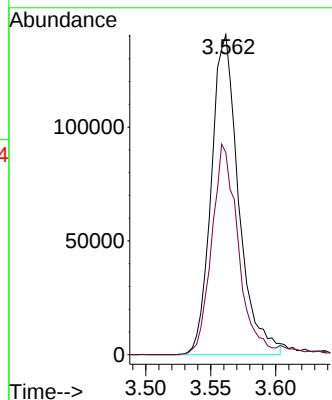
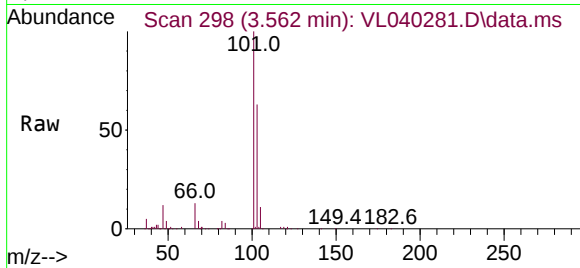




#11
 Trichlorofluoromethane
 Concen: 1.040 ppbv
 RT: 3.562 min Scan# 296
 Delta R.T. 0.006 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

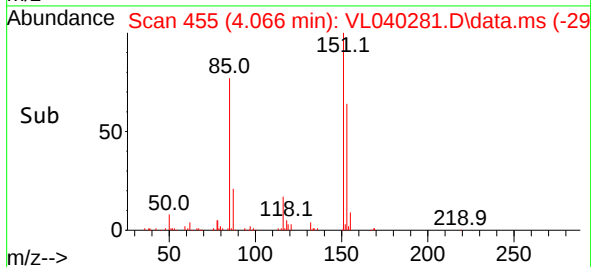
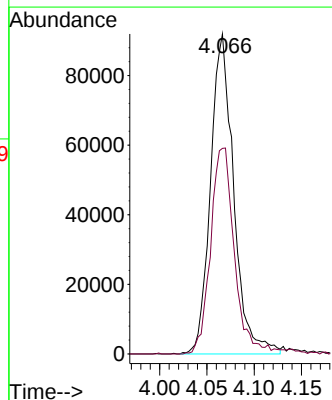
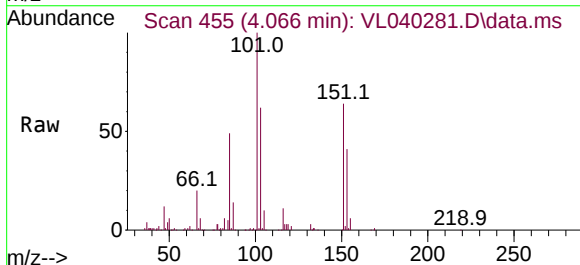
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 ClientSampleId :
 VSTDIC001

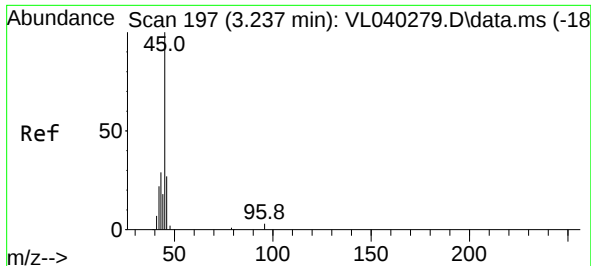
Tgt Ion:101 Resp: 205816
 Ion Ratio Lower Upper
 101 100
 103 63.0 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.052 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.006 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion:101 Resp: 156386
 Ion Ratio Lower Upper
 101 100
 151 67.6 53.2 79.8

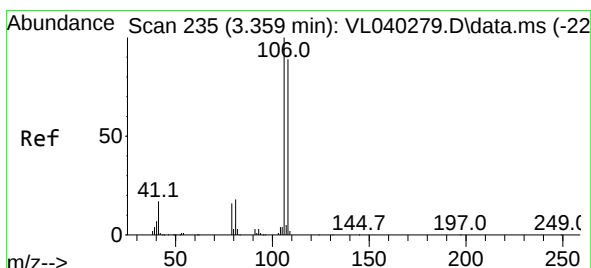
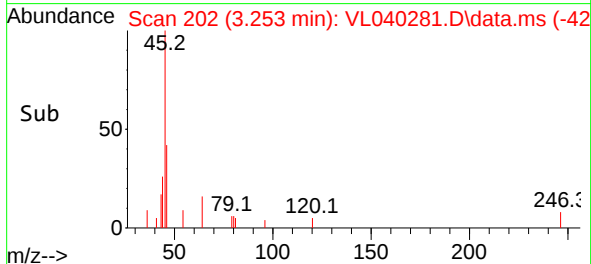
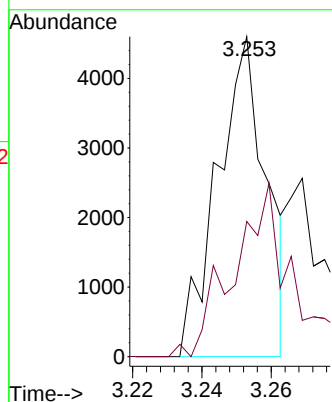
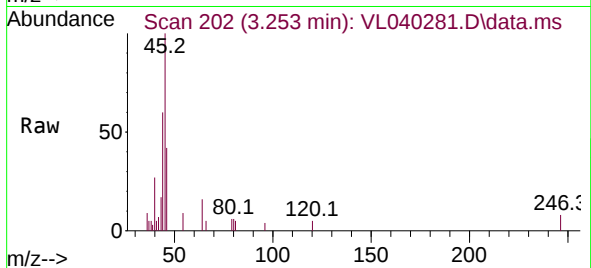




#13
Ethanol
Concen: 1.142 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

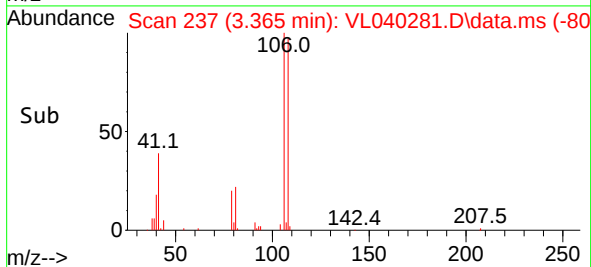
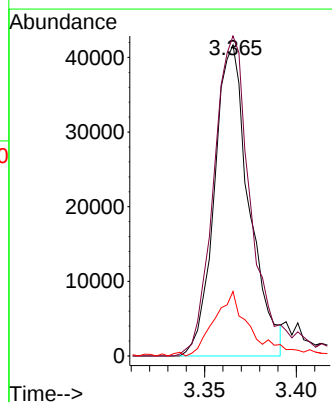
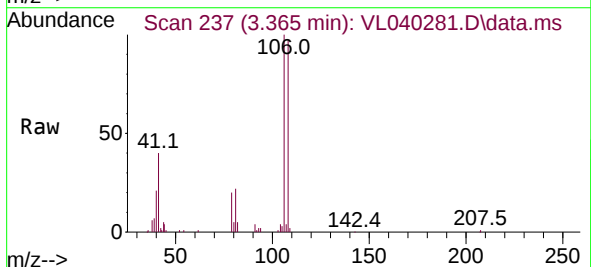
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

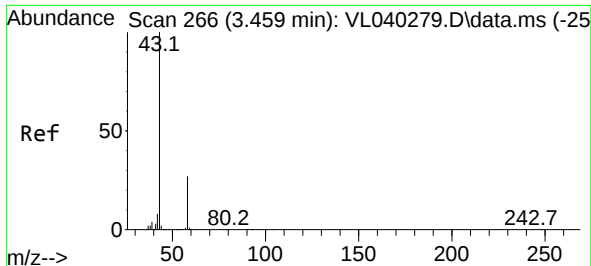
Tgt Ion: 45 Resp: 4494
Ion Ratio Lower Upper
45 100
46 86.4 15.0 60.2#



#14
Bromoethene
Concen: 0.991 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 108 Resp: 54959
Ion Ratio Lower Upper
108 100
106 118.1 85.8 128.8
79 22.9 15.8 23.6





#15

Acetone

Concen: 1.063 ppbv

RT: 3.475 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

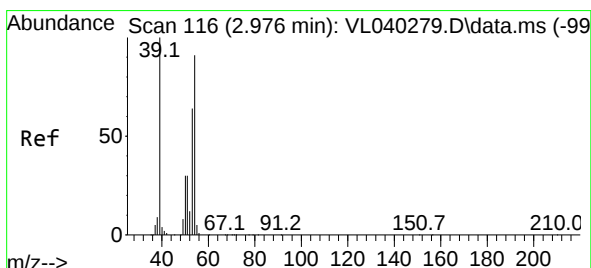
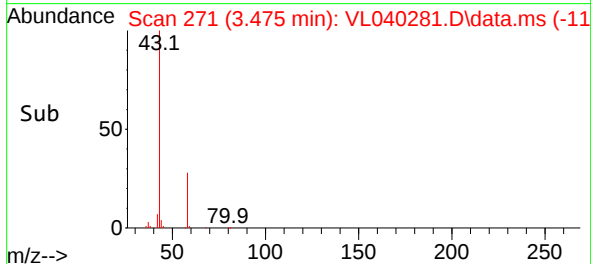
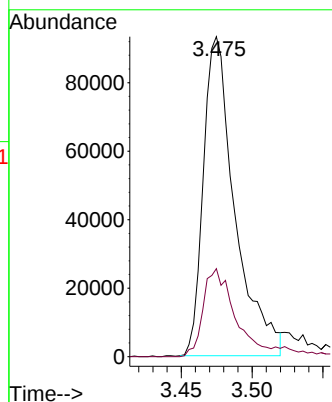
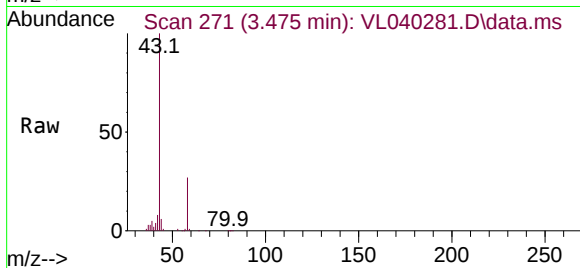
VSTDICC001

Tgt Ion: 43 Resp: 144113

Ion Ratio Lower Upper

43 100

58 30.9 21.8 32.8



#16

1,3-Butadiene

Concen: 0.983 ppbv

RT: 2.980 min Scan# 117

Delta R.T. 0.003 min

Lab File: VL040281.D

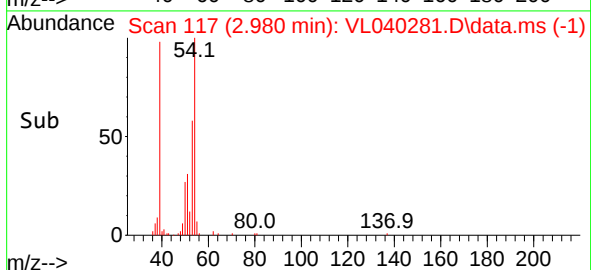
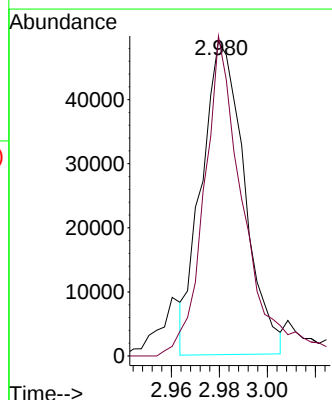
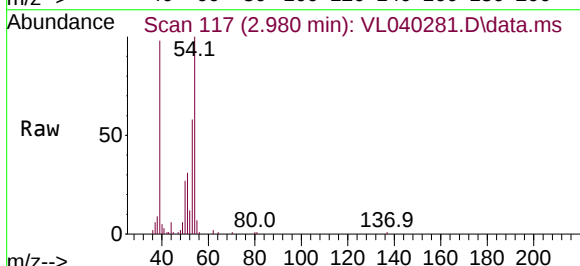
Acq: 15 Mar 2023 12:53

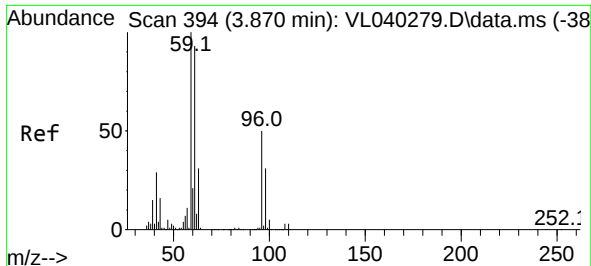
Tgt Ion: 39 Resp: 60590

Ion Ratio Lower Upper

39 100

54 96.9 68.4 102.6

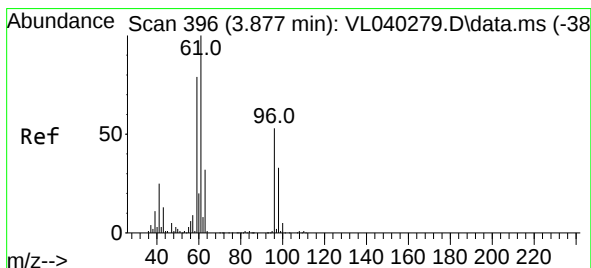
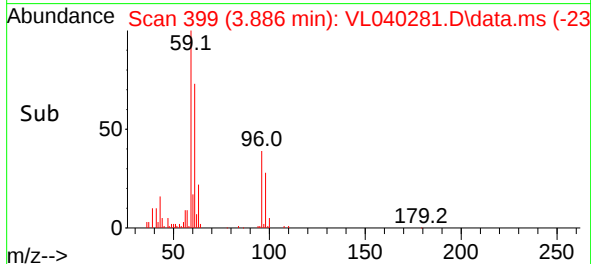
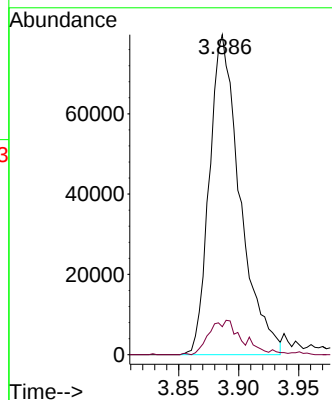
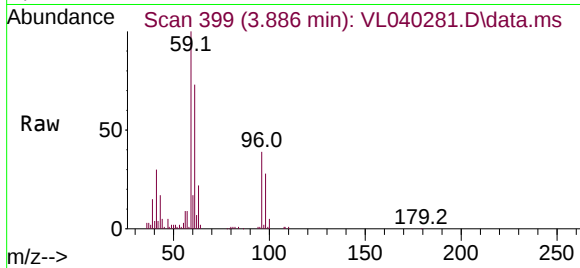




#17
tert-Butyl alcohol
Concen: 1.098 ppbv
RT: 3.886 min Scan# 394
Delta R.T. 0.016 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

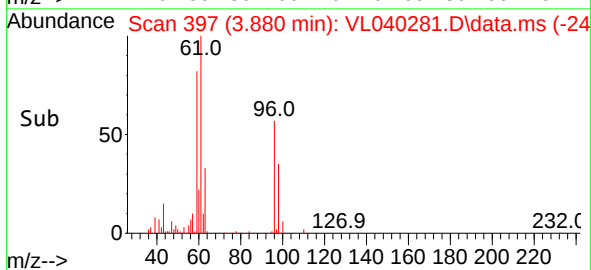
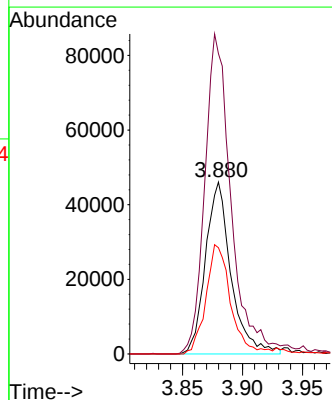
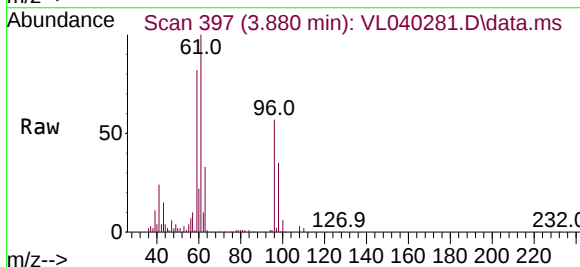
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

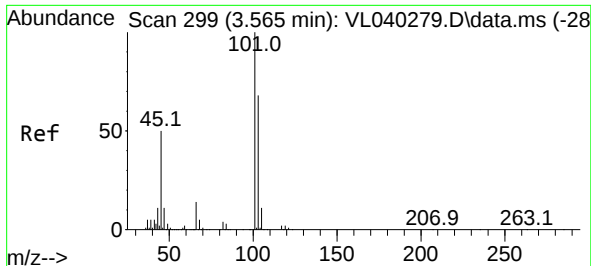
Tgt Ion: 59 Resp: 141496
Ion Ratio Lower Upper
59 100
57 12.2 8.5 12.7



#18
1,1-Dichloroethene
Concen: 1.071 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 96 Resp: 68279
Ion Ratio Lower Upper
96 100
61 174.3 150.6 226.0
98 61.8 50.3 75.5

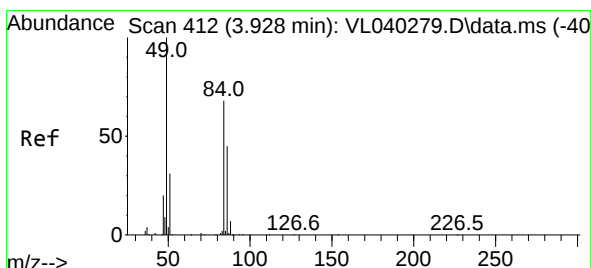
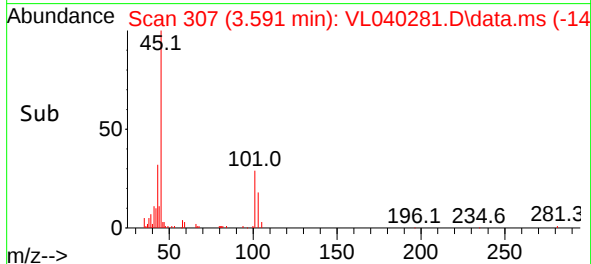
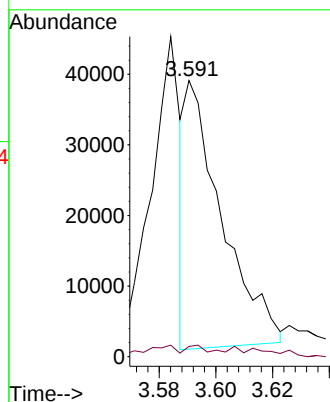
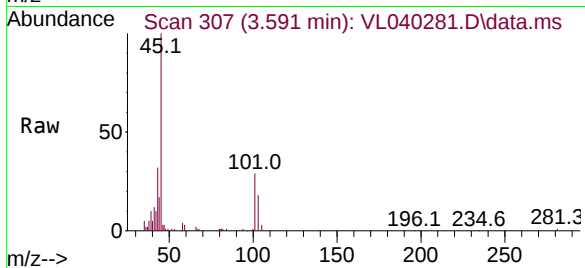




#19
Isopropyl Alcohol
Concen: 0.524 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.026 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

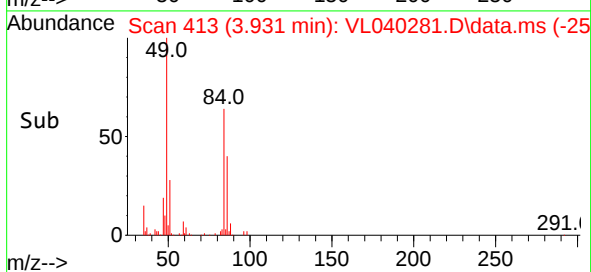
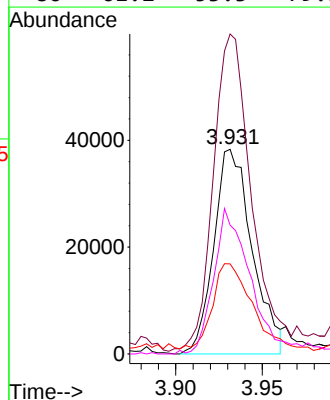
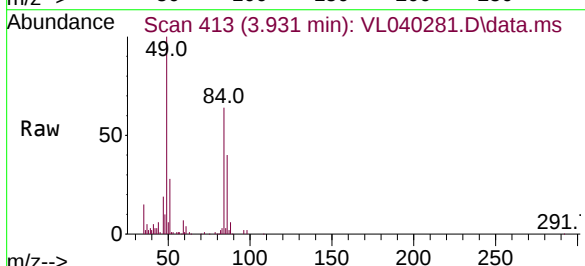
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

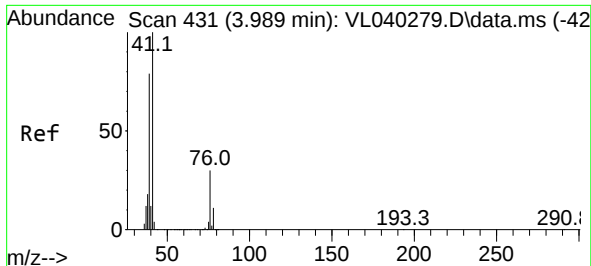
Tgt Ion: 45 Resp: 34009
Ion Ratio Lower Upper
45 100
58 7.0 2.7 4.1#



#20
Methylene Chloride
Concen: 1.033 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 84 Resp: 58928
Ion Ratio Lower Upper
84 100
49 153.8 117.5 176.3
51 41.5 36.9 55.3
86 61.2 53.3 79.9





#21

Allyl Chloride

Concen: 1.014 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

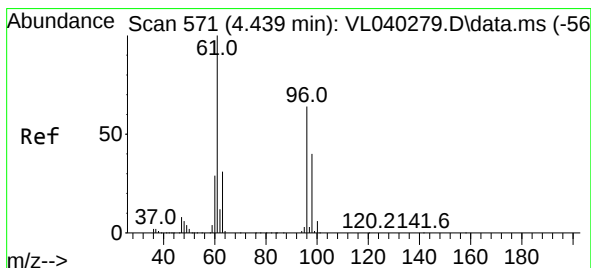
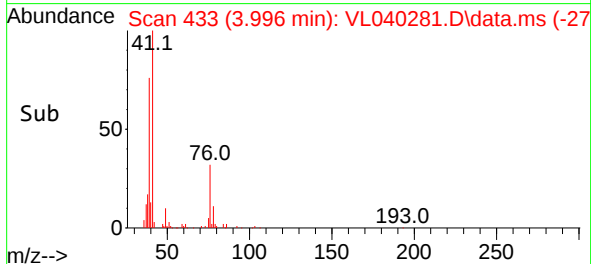
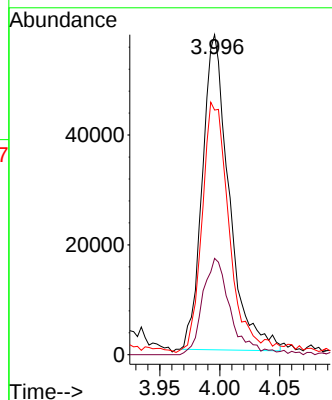
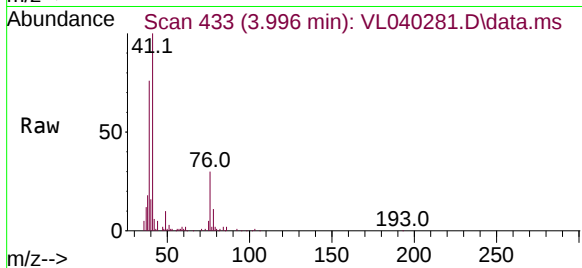
Tgt Ion: 41 Resp: 89040

Ion Ratio Lower Upper

41 100

76 32.3 25.4 38.0

39 84.4 65.4 98.2



#22

trans-1,2-Dichloroethene

Concen: 1.046 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.006 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

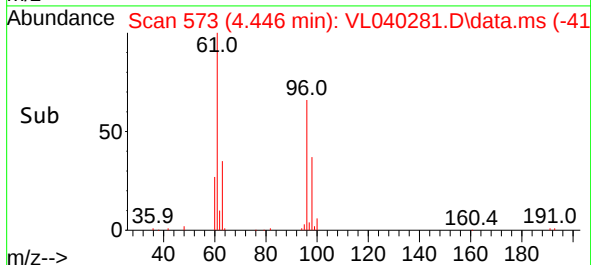
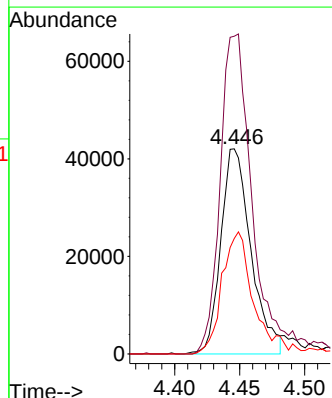
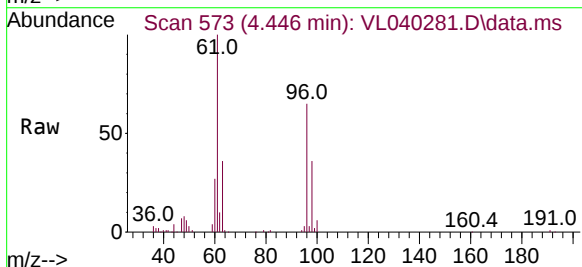
Tgt Ion: 96 Resp: 67911

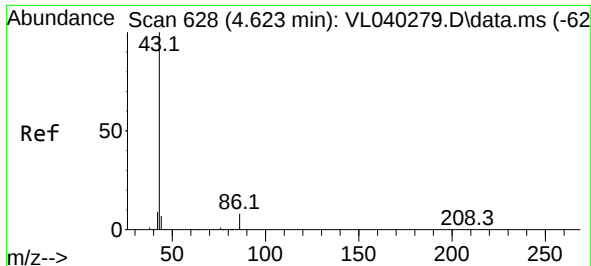
Ion Ratio Lower Upper

96 100

61 154.9 125.4 188.2

98 56.3 49.8 74.6

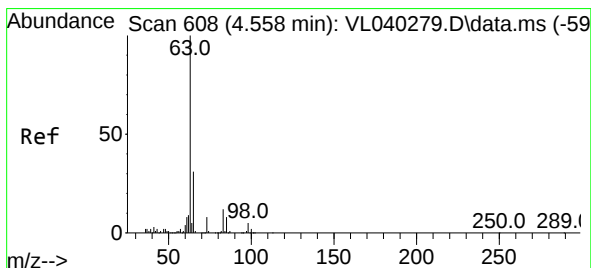
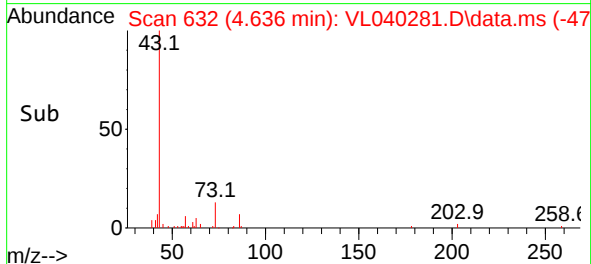
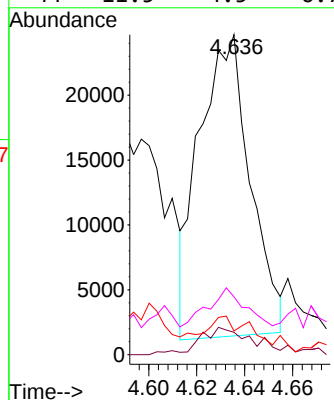
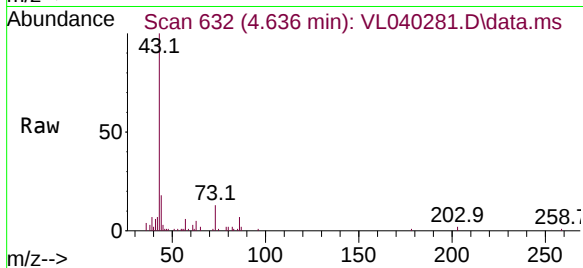




#23
 Vinyl Acetate
 Concen: 0.906 ppbv
 RT: 4.636 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

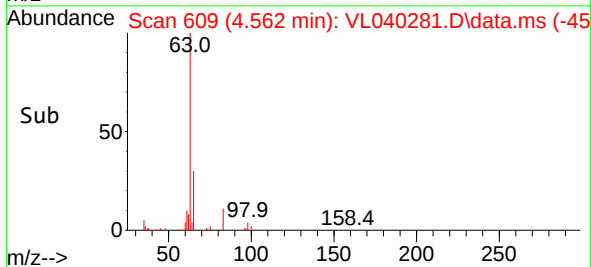
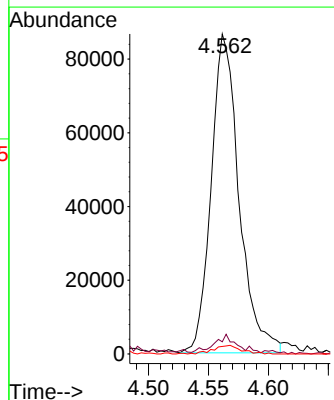
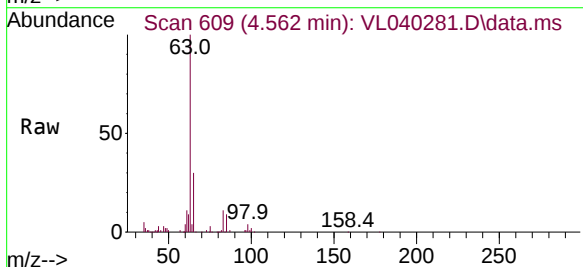
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

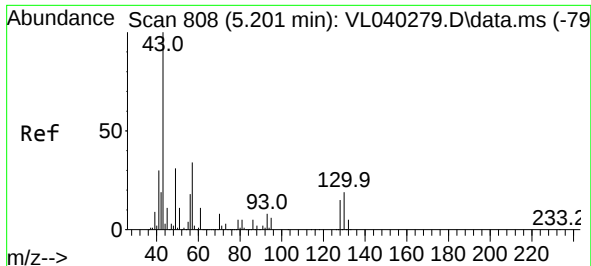
Tgt Ion:	43	Resp:	34184
Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.0	7.4#
42	2.2	9.1	13.7#
44	11.5	4.5	6.7#



#24
 1,1-Dichloroethane
 Concen: 1.040 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion:	63	Resp:	139835
Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.4	7.2
100	2.3	1.2	3.6





#25

Ethyl Acetate

Concen: 1.054 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.010 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 267496

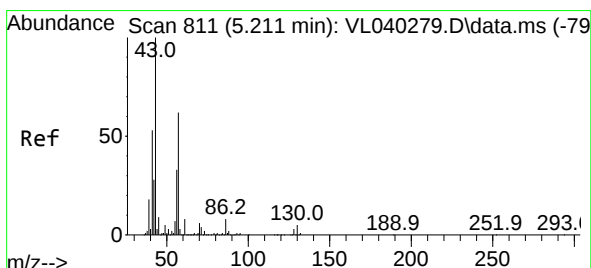
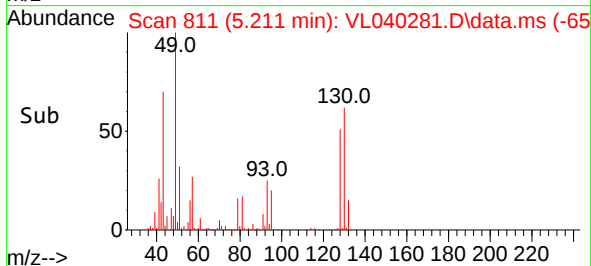
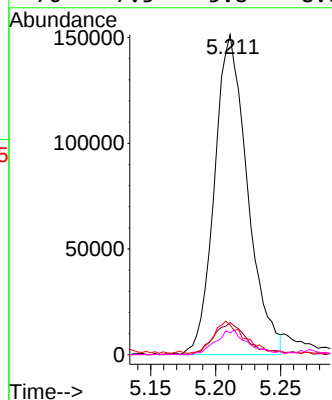
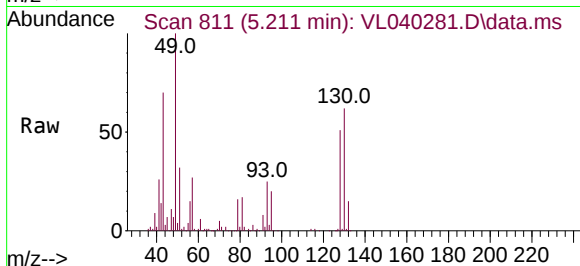
Ion Ratio Lower Upper

43 100

45 11.2 8.6 12.8

61 10.7 8.4 12.6

70 7.5 5.8 8.6



#26

Hexane

Concen: 1.041 ppbv

RT: 5.217 min Scan# 813

Delta R.T. 0.006 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion: 57 Resp: 108445

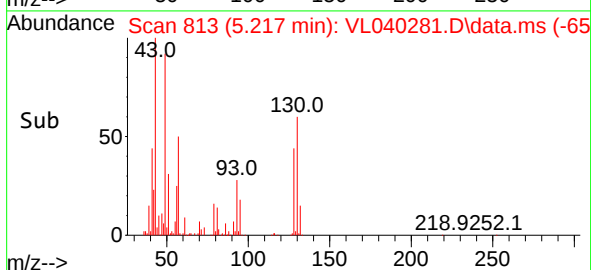
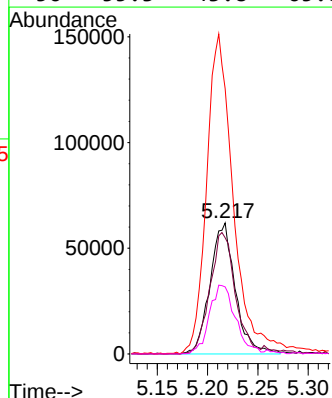
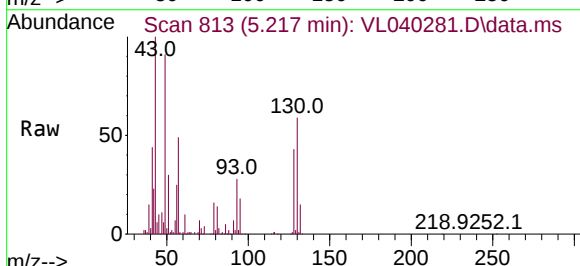
Ion Ratio Lower Upper

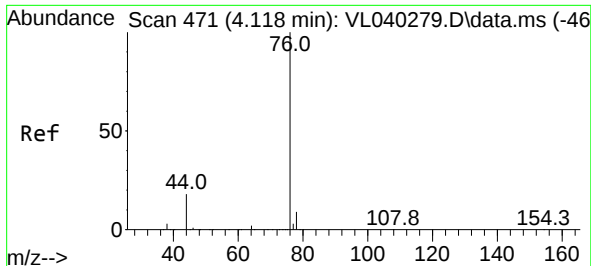
57 100

41 97.5 73.5 110.3

43 265.6 196.3 294.5

56 55.3 43.8 65.8

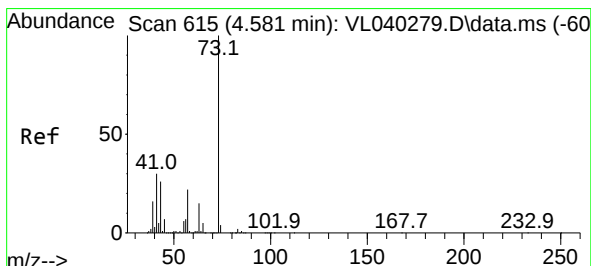
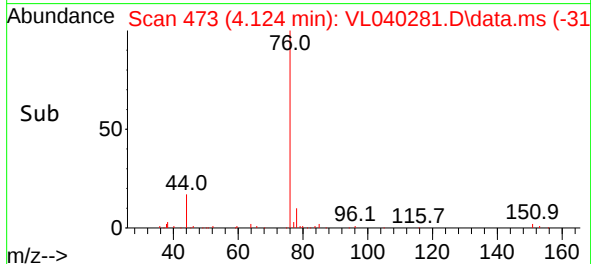
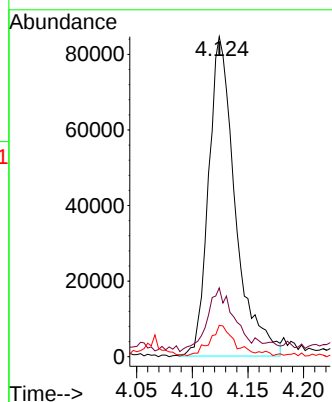
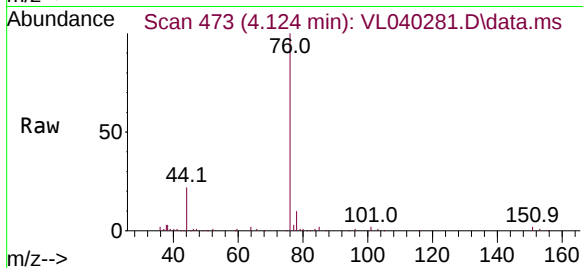




#27
Carbon Disulfide
Concen: 0.971 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

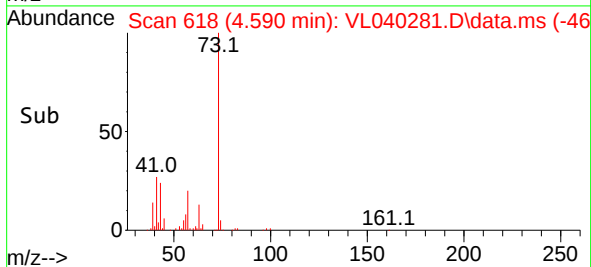
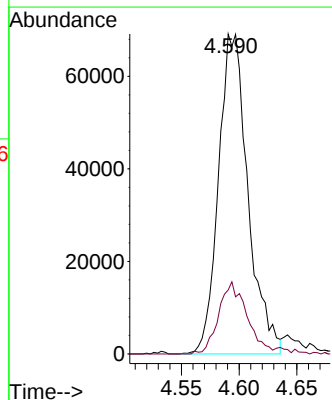
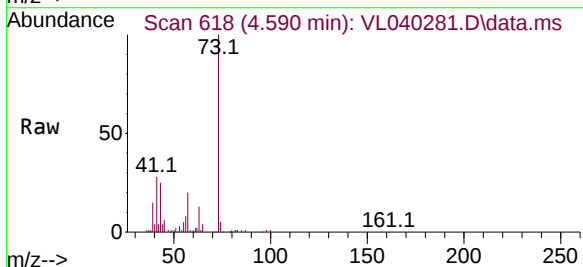
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

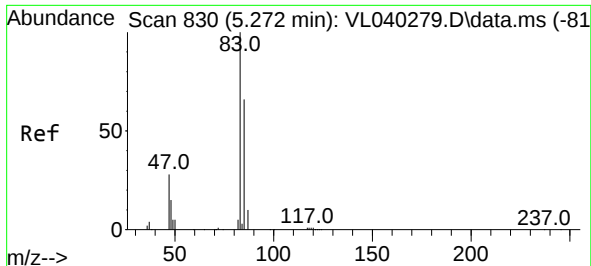
Tgt Ion: 76 Resp: 141278
Ion Ratio Lower Upper
76 100
44 20.2 15.2 22.8
78 10.4 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 1.027 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 73 Resp: 122800
Ion Ratio Lower Upper
73 100
57 22.7 18.4 27.6





#29

Chloroform

Concen: 1.076 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

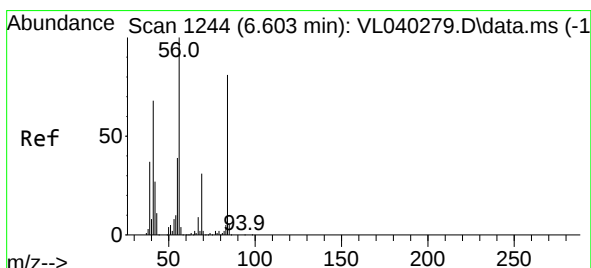
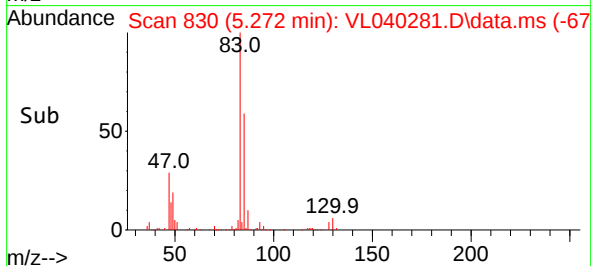
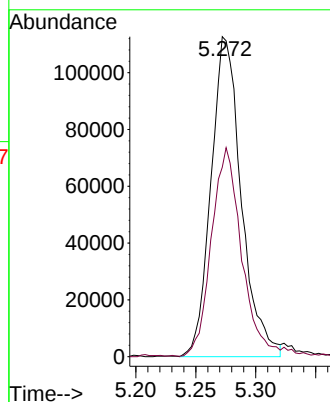
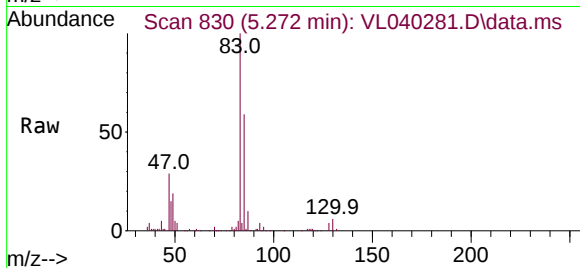
VSTDIC001

Tgt Ion: 83 Resp: 197857

Ion Ratio Lower Upper

83 100

85 59.1 52.8 79.2



#30

Cyclohexane

Concen: 0.440 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

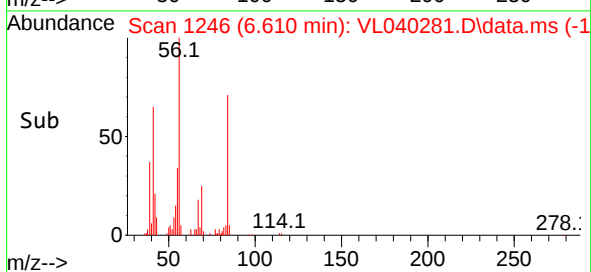
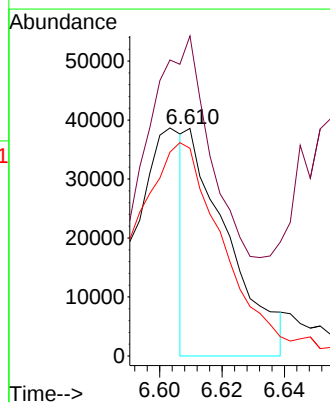
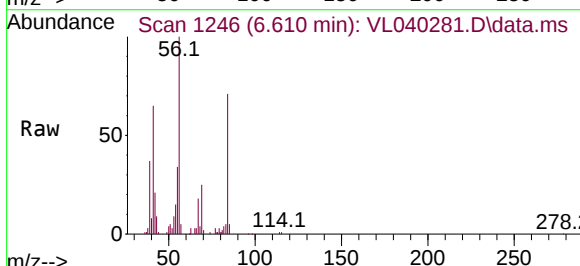
Tgt Ion: 84 Resp: 36106

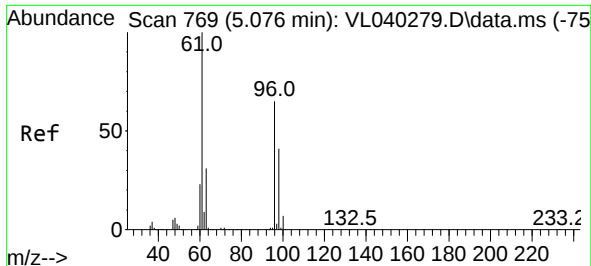
Ion Ratio Lower Upper

84 100

56 272.0 109.0 163.4#

41 206.9 67.9 101.9#

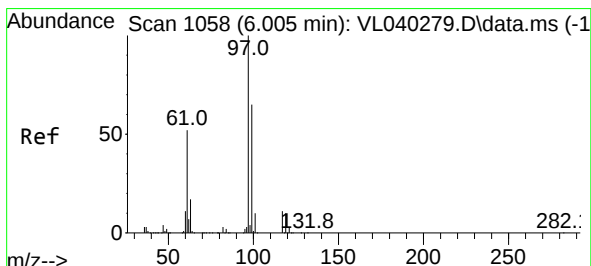
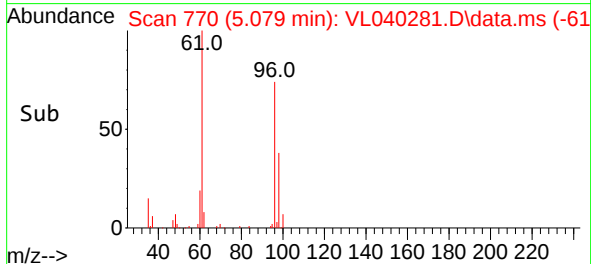
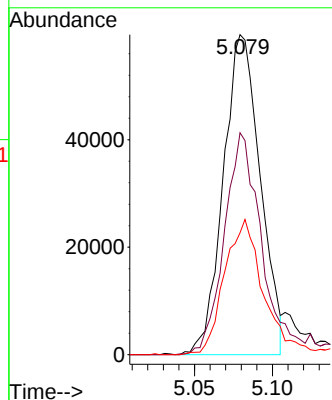
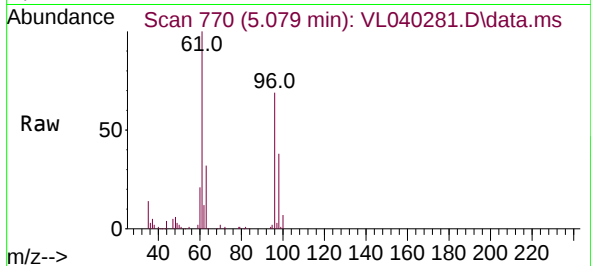




#31
cis-1,2-Dichloroethene
Concen: 0.971 ppbv
RT: 5.079 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

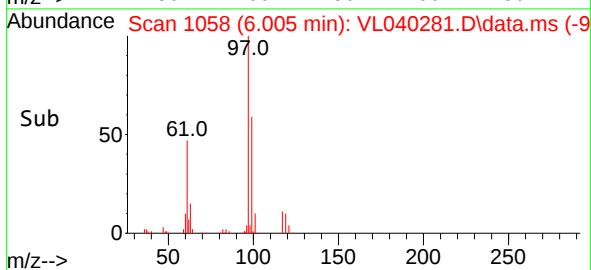
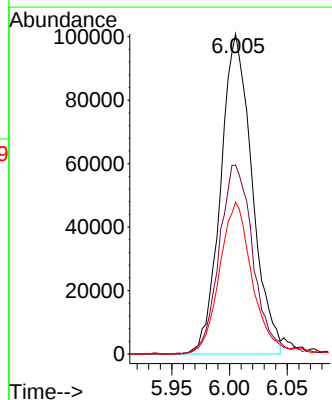
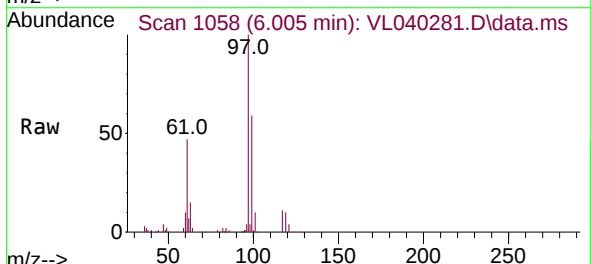
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

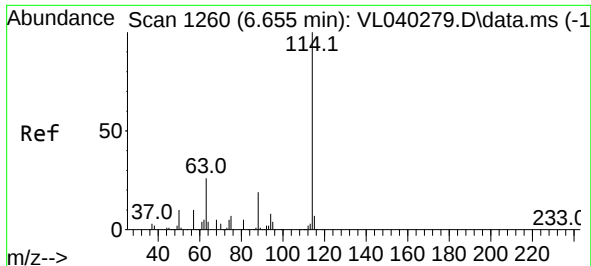
Tgt Ion: 61 Resp: 98463
Ion Ratio Lower Upper
61 100
96 69.1 51.8 77.8
98 38.1 32.5 48.7



#32
1,1,1-Trichloroethane
Concen: 1.084 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 97 Resp: 190995
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 50.2 41.4 62.2

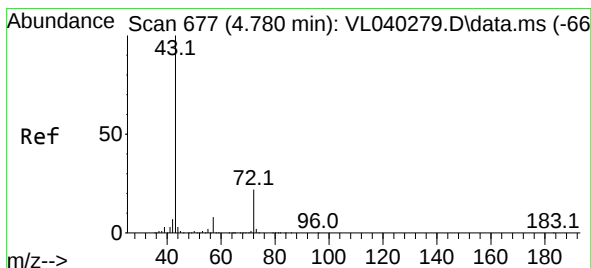
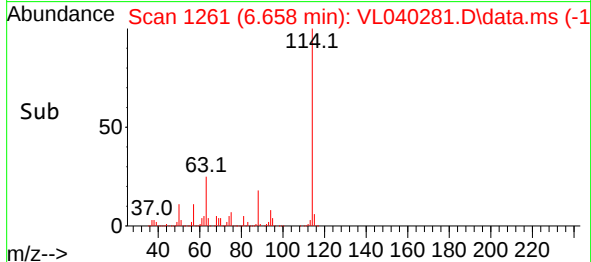
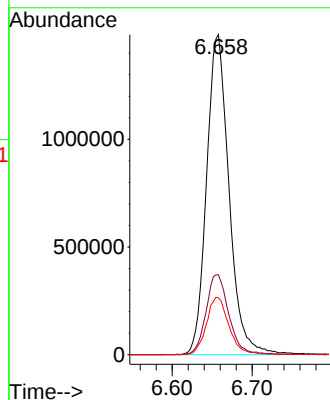
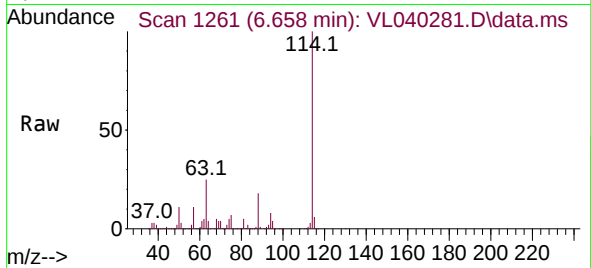




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

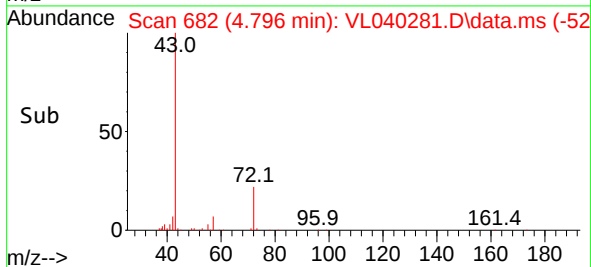
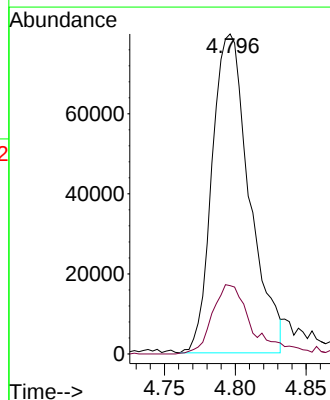
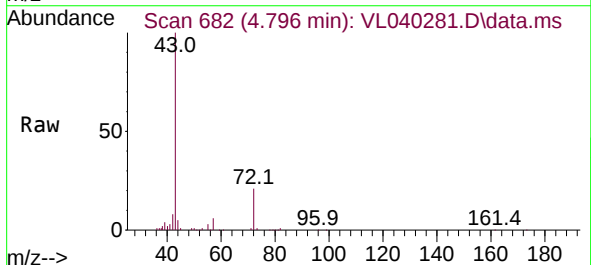
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

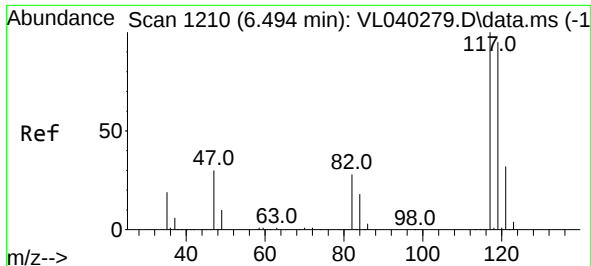
Tgt Ion:114 Resp: 2896214
Ion Ratio Lower Upper
114 100
63 25.7 21.2 31.8
88 18.1 14.5 21.7



#34
2-Butanone
Concen: 1.024 ppbv
RT: 4.796 min Scan# 682
Delta R.T. 0.016 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 43 Resp: 146303
Ion Ratio Lower Upper
43 100
72 24.3 18.3 27.5

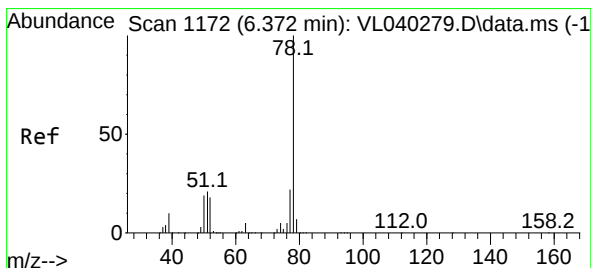
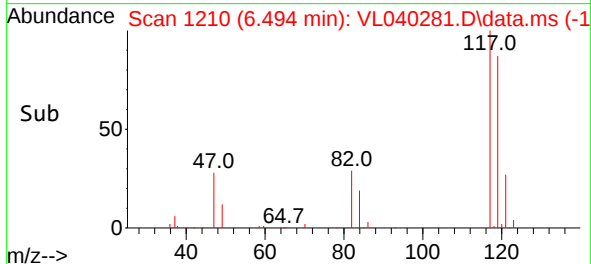
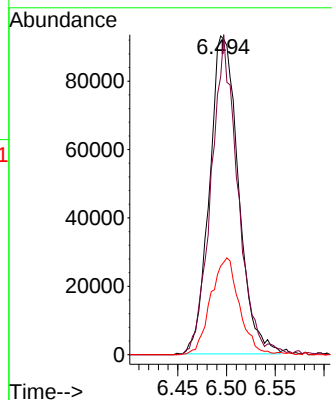
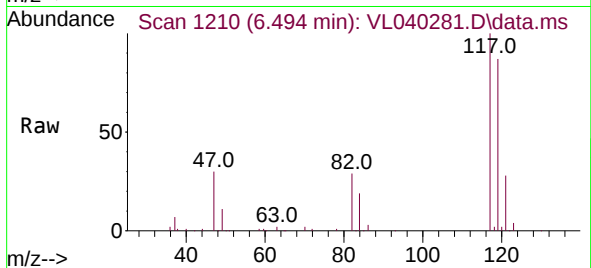




#35
Carbon Tetrachloride
Concen: 1.058 ppbv
RT: 6.494 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

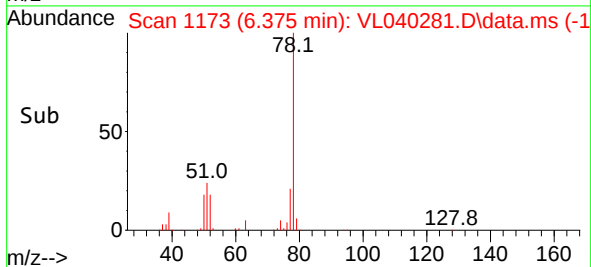
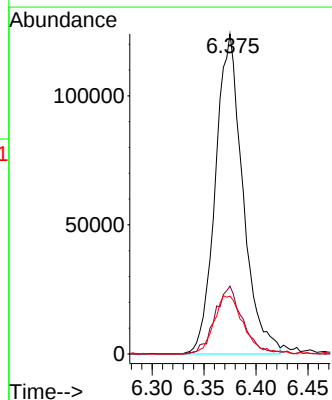
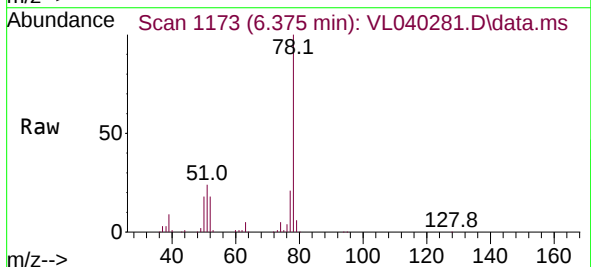
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

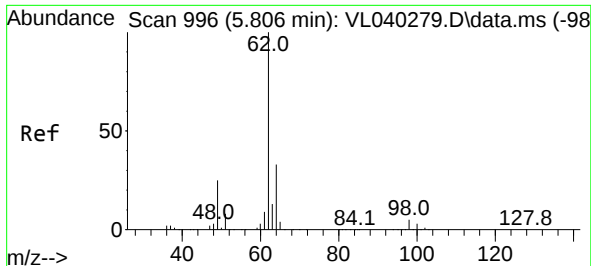
Tgt Ion:117 Resp: 192211
Ion Ratio Lower Upper
117 100
119 87.3 76.4 114.6
121 27.9 25.6 38.4



#36
Benzene
Concen: 1.029 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 78 Resp: 227226
Ion Ratio Lower Upper
78 100
77 21.2 17.8 26.8
50 18.1 15.4 23.2





#37

1,2-Dichloroethane

Concen: 1.028 ppbv

RT: 5.809 min Scan# 996

Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

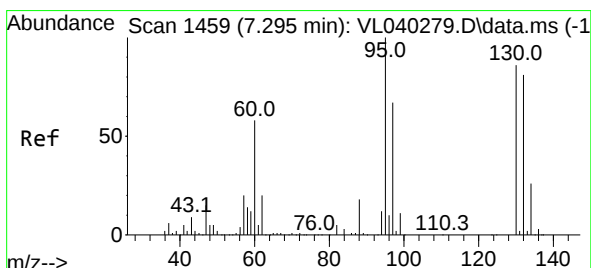
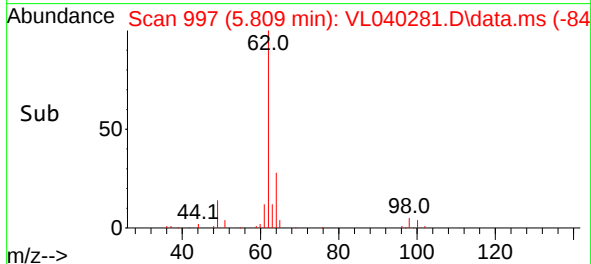
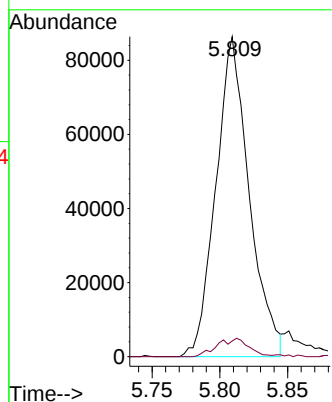
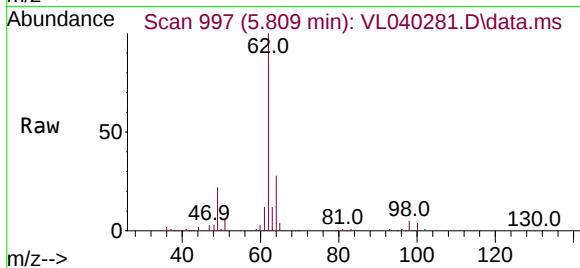
VSTDIC001

Tgt Ion: 62 Resp: 147616

Ion Ratio Lower Upper

62 100

98 5.8 4.3 6.5



#38

Trichloroethene

Concen: 1.046 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion: 130 Resp: 126161

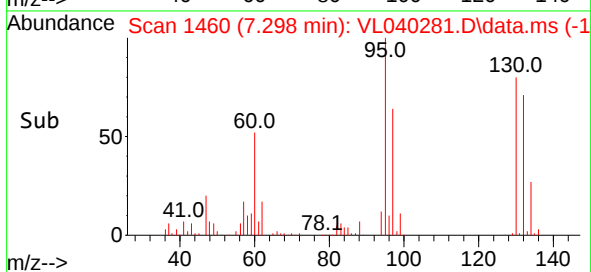
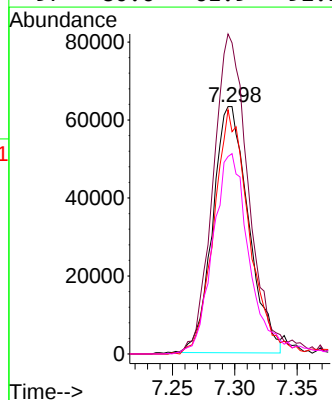
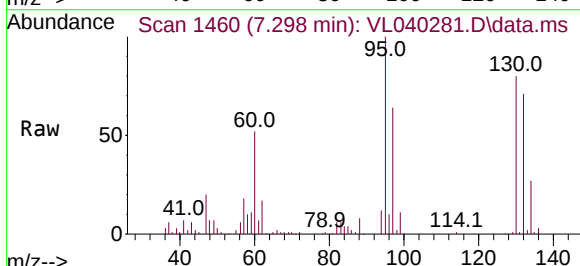
Ion Ratio Lower Upper

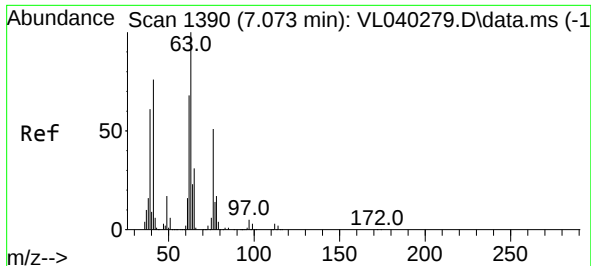
130 100

95 125.5 93.0 139.4

132 90.3 75.3 112.9

97 80.6 61.9 92.9





#39

1,2-Dichloropropane

Concen: 1.006 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

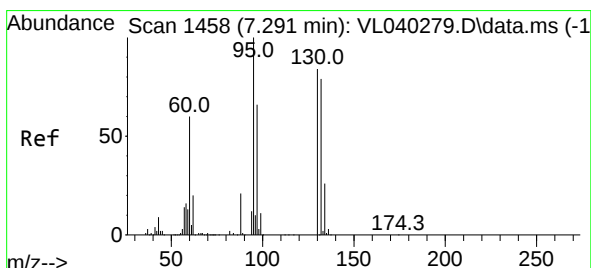
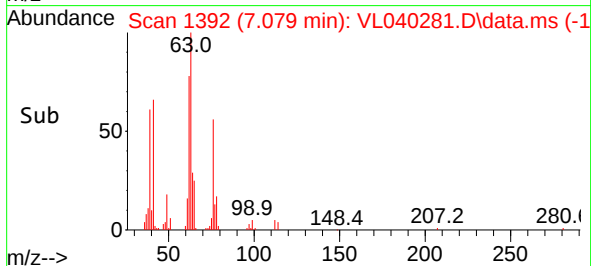
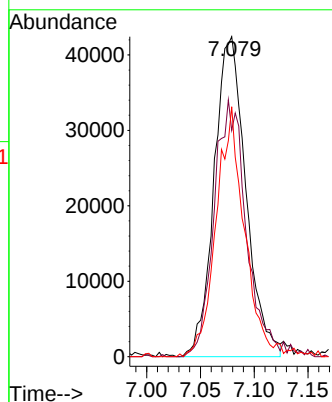
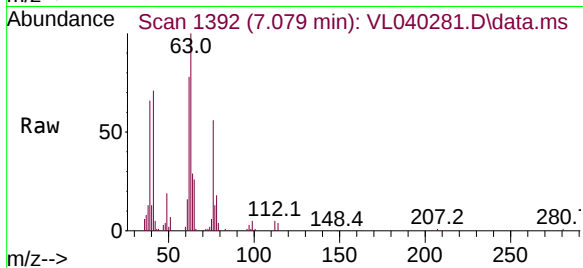
Tgt Ion: 63 Resp: 87086

Ion Ratio Lower Upper

63 100

41 70.8 60.8 91.2

62 77.3 54.1 81.1



#40

1,4-Dioxane

Concen: 0.819 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.022 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion: 88 Resp: 28055

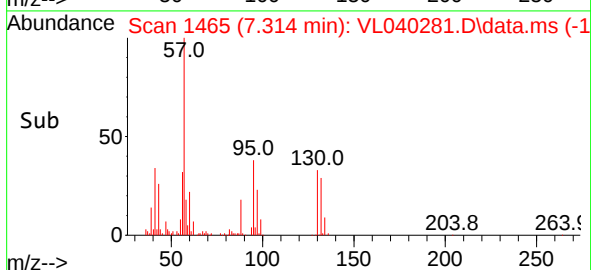
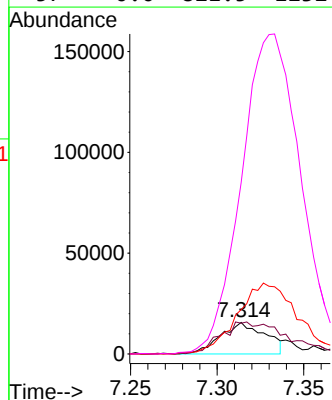
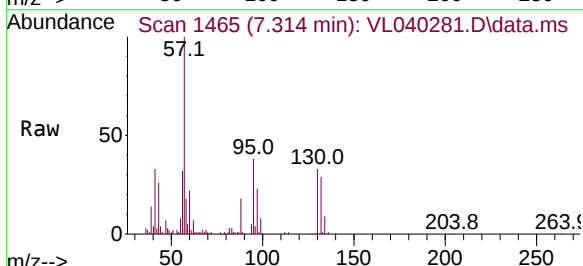
Ion Ratio Lower Upper

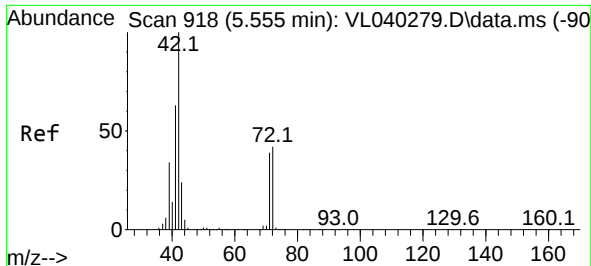
88 100

58 161.5 96.0 144.0#

43 0.0 187.6 281.4#

57 0.0 821.5 1232.3#





#41

Tetrahydrofuran

Concen: 0.919 ppbv

RT: 5.574 min Scan# 918

Delta R.T. 0.019 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

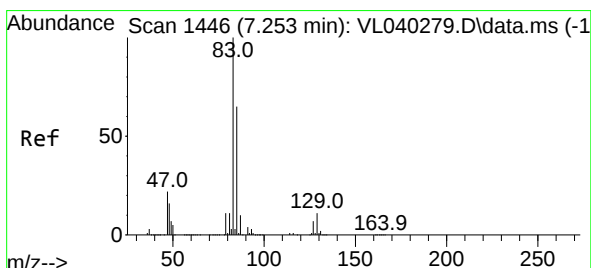
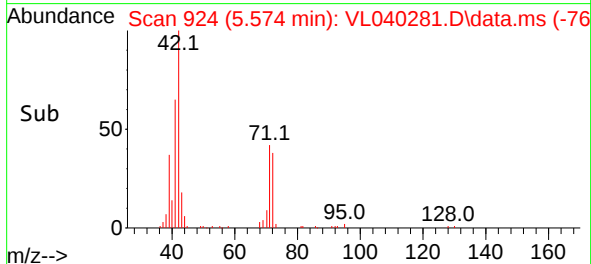
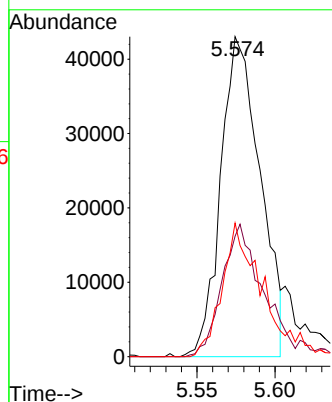
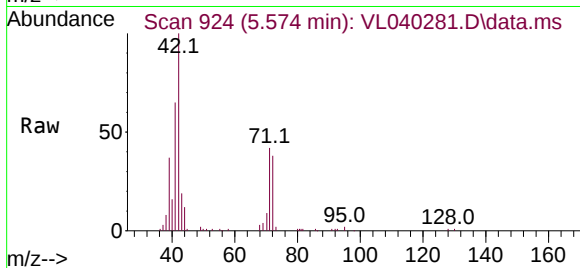
Tgt Ion: 42 Resp: 75845

Ion Ratio Lower Upper

42 100

72 45.1 32.6 49.0

71 42.7 31.0 46.4



#42

Bromodichloromethane

Concen: 0.998 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

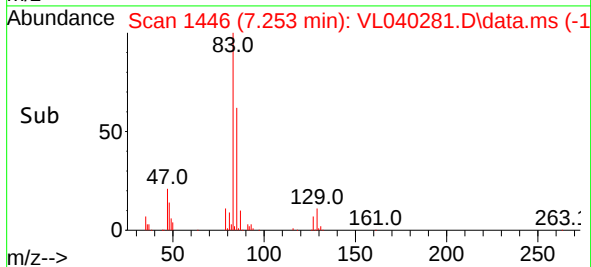
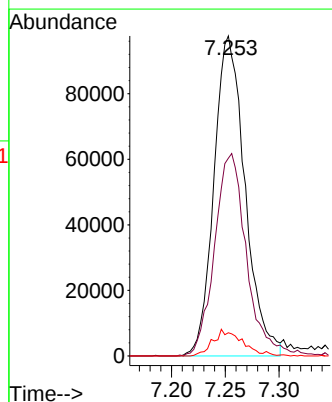
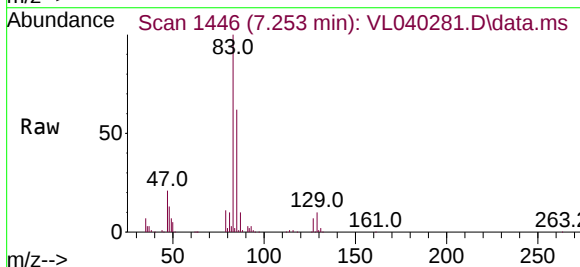
Tgt Ion: 83 Resp: 195978

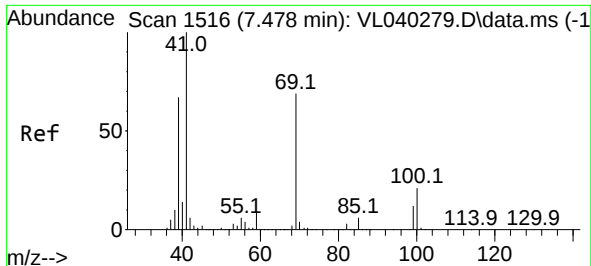
Ion Ratio Lower Upper

83 100

85 61.5 52.1 78.1

127 7.3 5.8 8.6

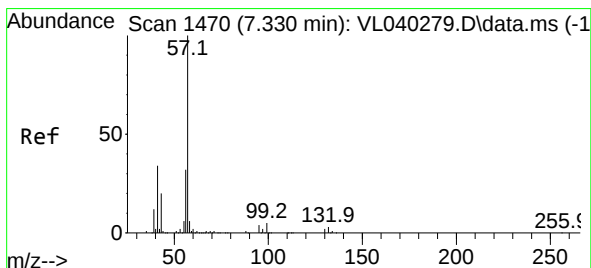
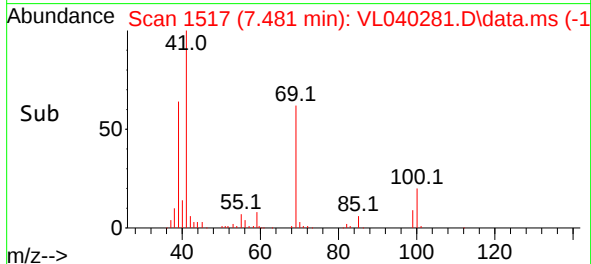
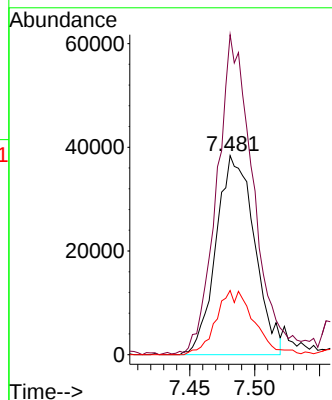
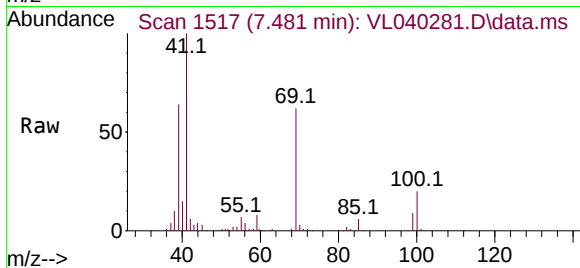




#43
Methyl Methacrylate
Concen: 0.963 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

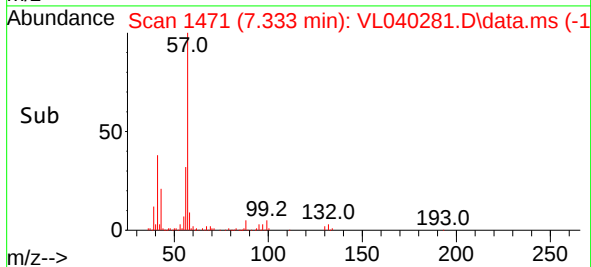
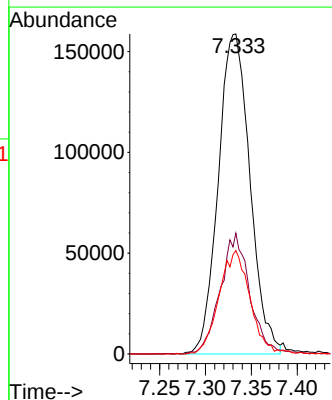
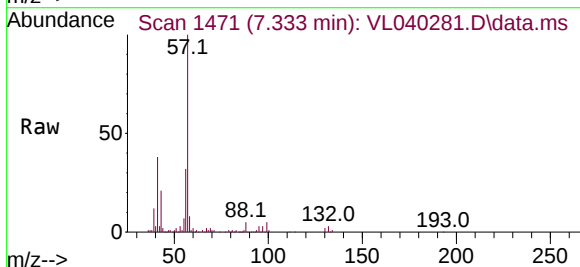
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

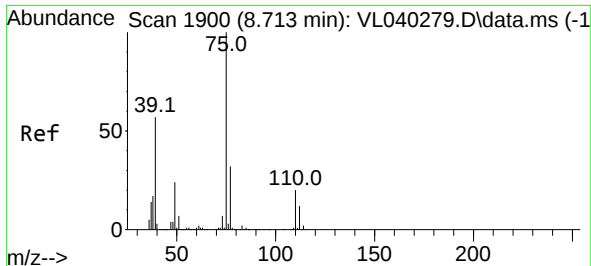
Tgt Ion: 69 Resp: 79016
Ion Ratio Lower Upper
69 100
41 154.4 116.9 175.3
100 31.7 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 1.036 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 57 Resp: 381337
Ion Ratio Lower Upper
57 100
41 35.2 26.8 40.2
56 31.8 25.0 37.6

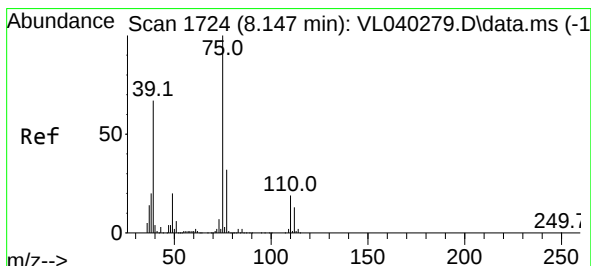
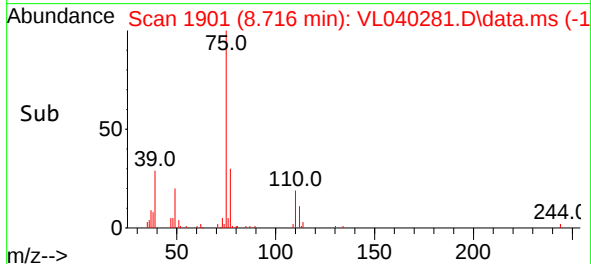
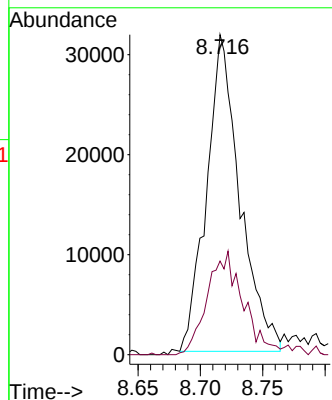
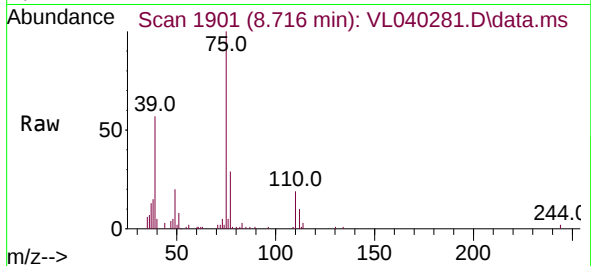




#45
 t-1,3-Dichloropropene
 Concen: 0.823 ppbv
 RT: 8.716 min Scan# 1900
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

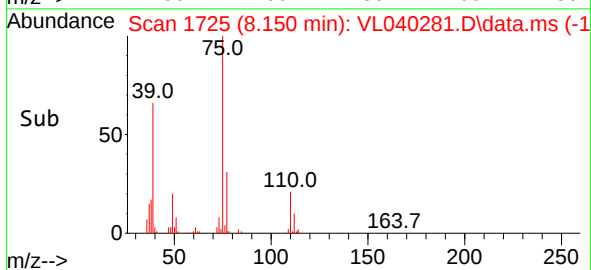
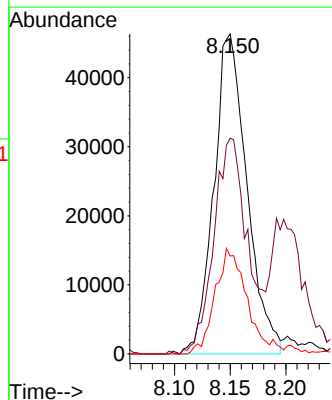
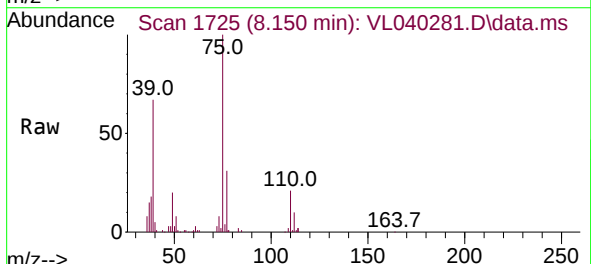
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

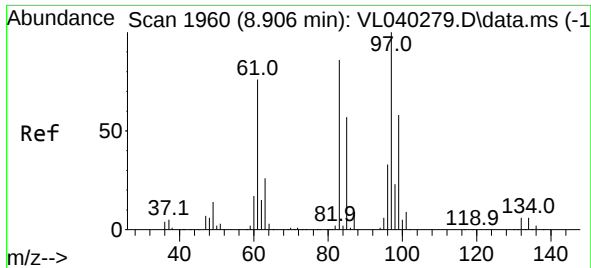
Tgt Ion: 75 Resp: 58873
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 0.942 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 75 Resp: 95646
 Ion Ratio Lower Upper
 75 100
 39 67.5 53.9 80.9
 77 30.7 25.3 37.9

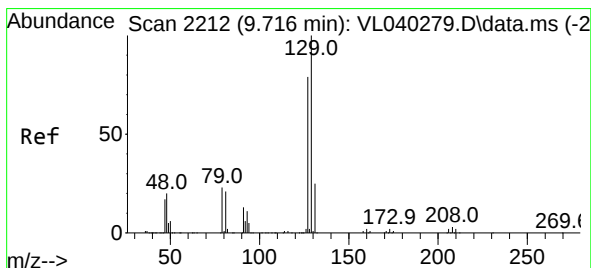
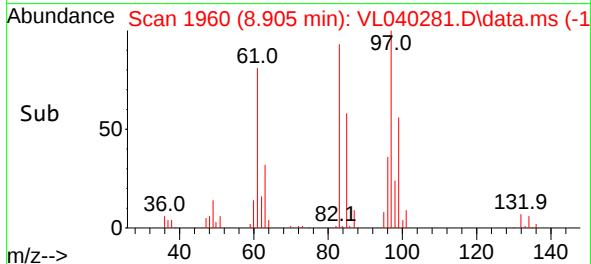
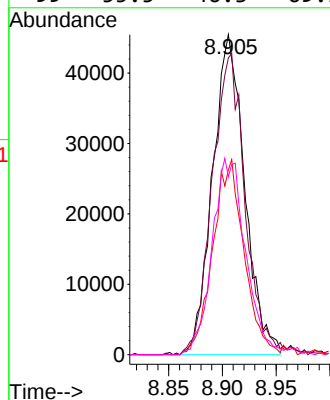
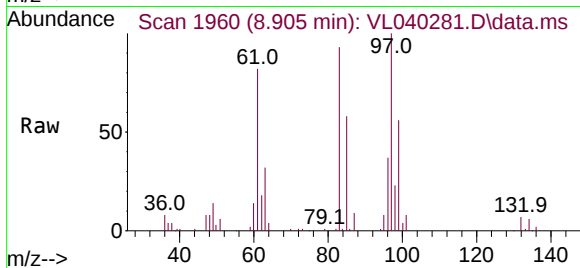




#47
1,1,2-Trichloroethane
Concen: 1.025 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

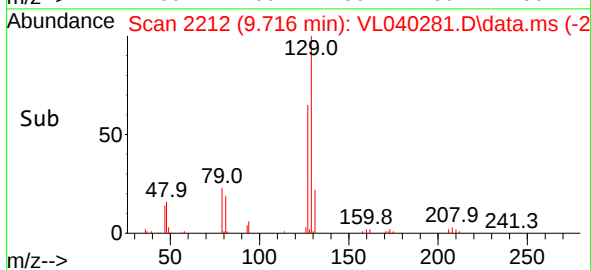
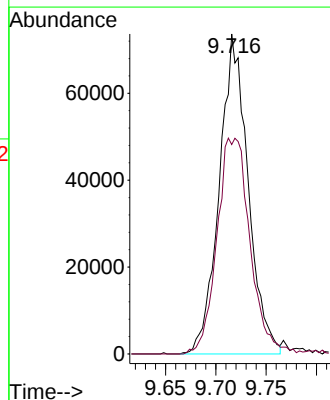
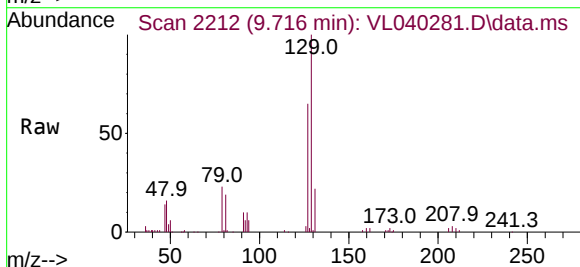
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

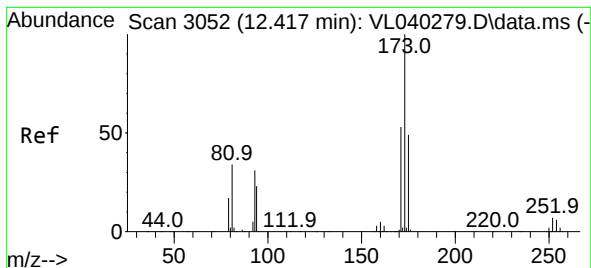
Tgt Ion: 97	Resp: 94667
Ion Ratio	Lower Upper
97 100	
83 92.8	68.6 103.0
85 57.8	46.0 69.0
99 55.5	46.3 69.5



#48
Dibromochloromethane
Concen: 0.964 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:129	Resp: 146548
Ion Ratio	Lower Upper
129 100	
127 77.6	39.1 117.5





#49

Bromoform

Concen: 0.918 ppbv

RT: 12.417 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

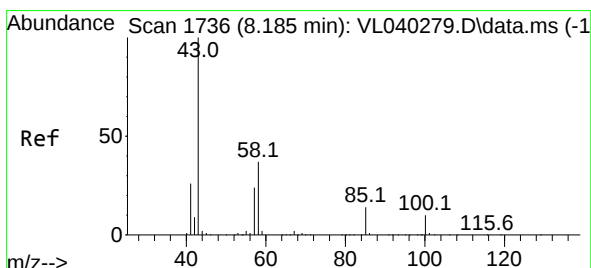
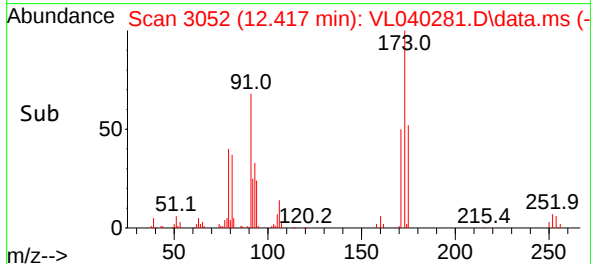
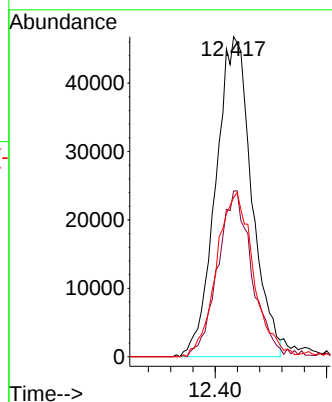
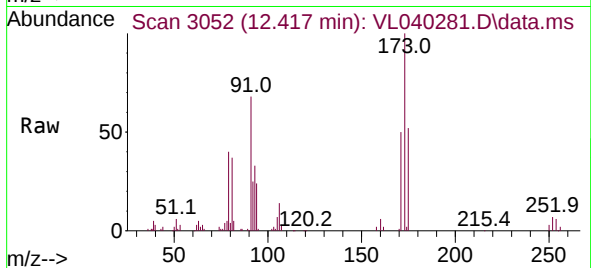
Tgt Ion:173 Resp: 104797

Ion Ratio Lower Upper

173 100

175 49.9 39.8 59.8

171 53.1 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 1.010 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.013 min

Lab File: VL040281.D

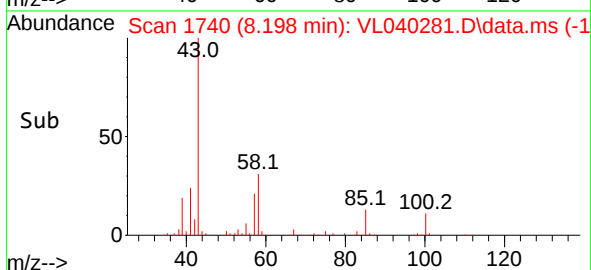
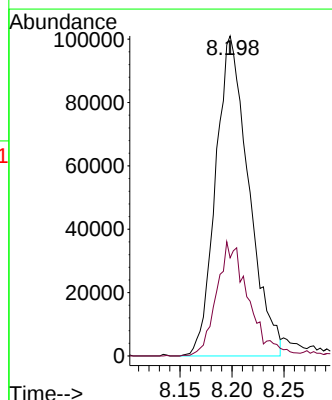
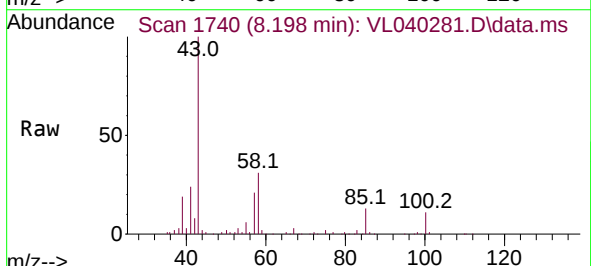
Acq: 15 Mar 2023 12:53

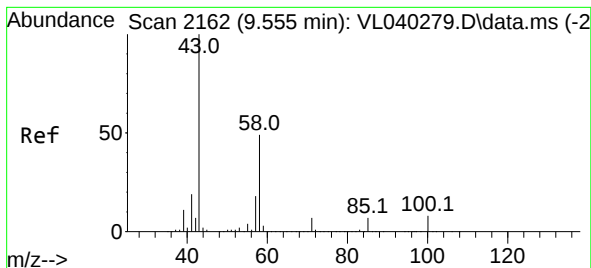
Tgt Ion: 43 Resp: 223480

Ion Ratio Lower Upper

43 100

58 35.4 29.2 43.8





#51

2-Hexanone

Concen: 0.978 ppbv

RT: 9.574 min Scan# 2162

Delta R.T. 0.019 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

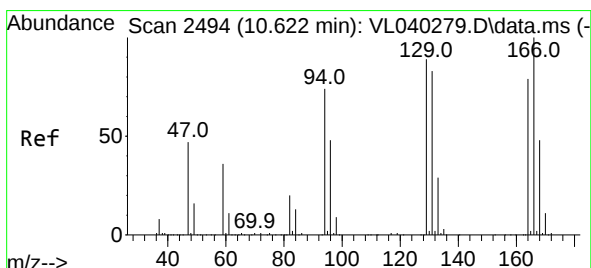
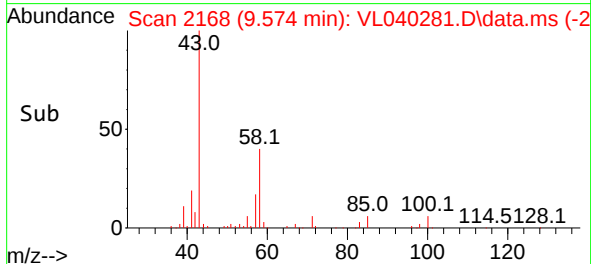
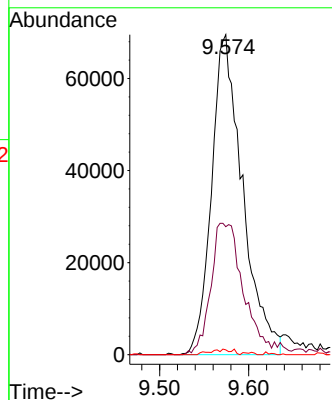
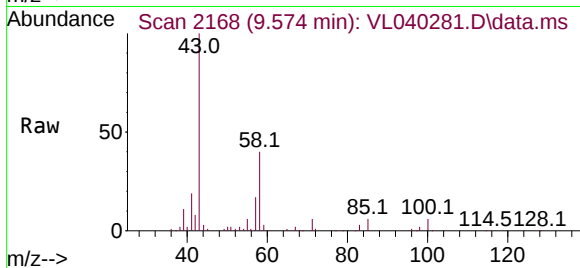
Tgt Ion: 43 Resp: 167650

Ion Ratio Lower Upper

43 100

58 45.6 38.0 57.0

98 1.4 0.5 0.7#



#52

Tetrachloroethene

Concen: 0.519 ppbv

RT: 10.626 min Scan# 2495

Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion: 164 Resp: 34658

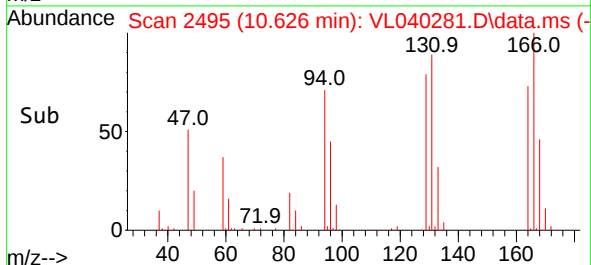
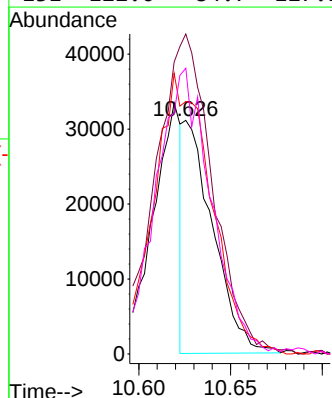
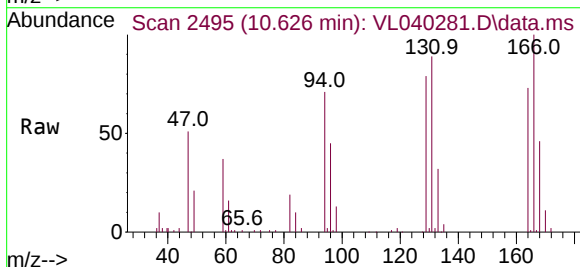
Ion Ratio Lower Upper

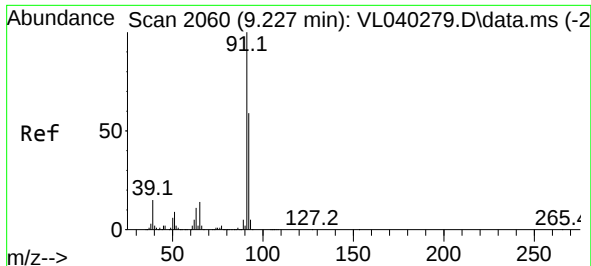
164 100

166 135.9 101.8 152.6

129 107.4 90.2 135.2

131 122.0 84.7 127.1

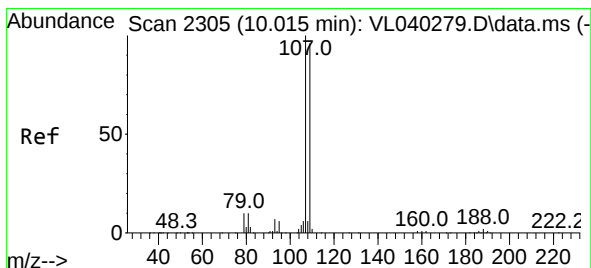
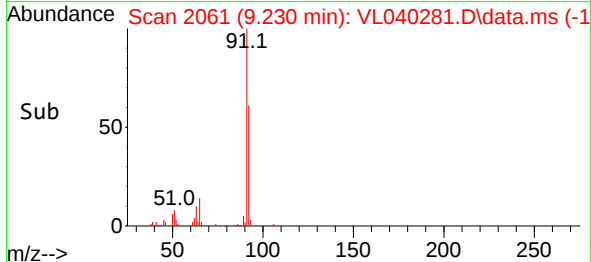
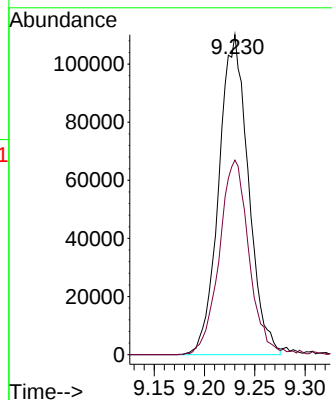
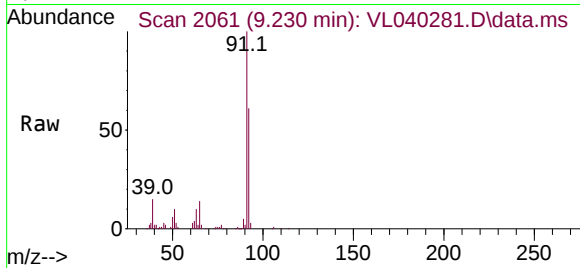




#53
Toluene
Concen: 0.971 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

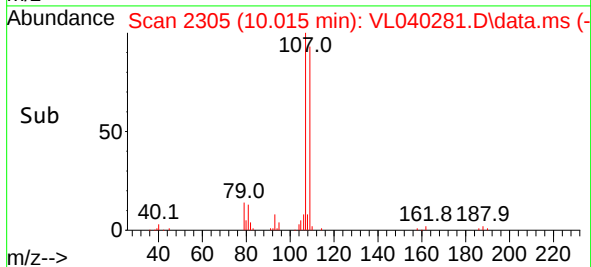
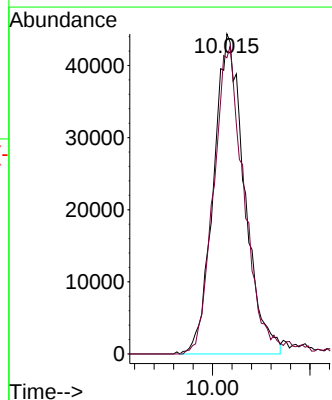
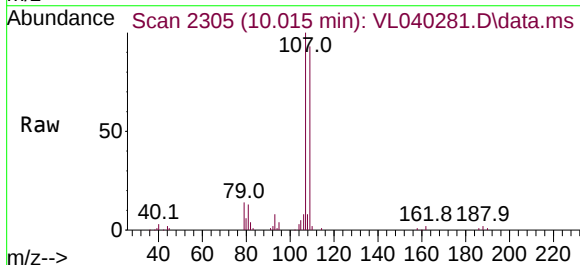
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

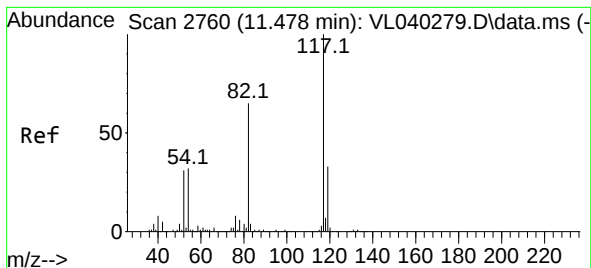
Tgt Ion: 91 Resp: 224529
Ion Ratio Lower Upper
91 100
92 61.6 48.0 72.0



#54
1,2-Dibromoethane
Concen: 1.029 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 107 Resp: 97848
Ion Ratio Lower Upper
107 100
109 92.6 77.0 115.6

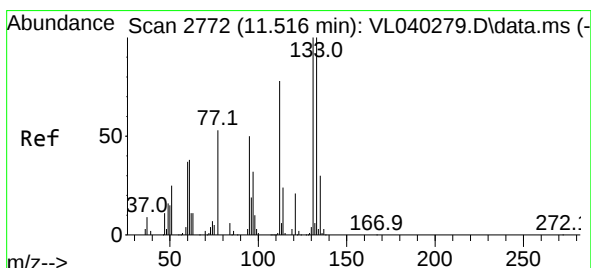
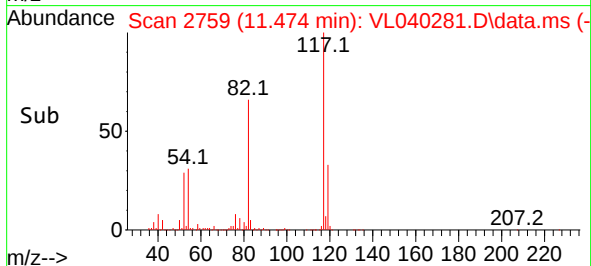
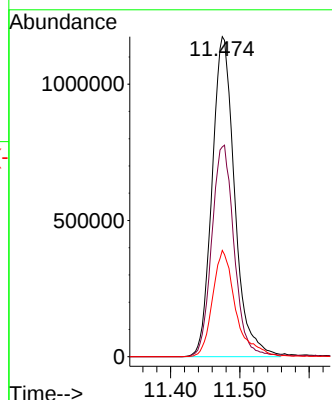
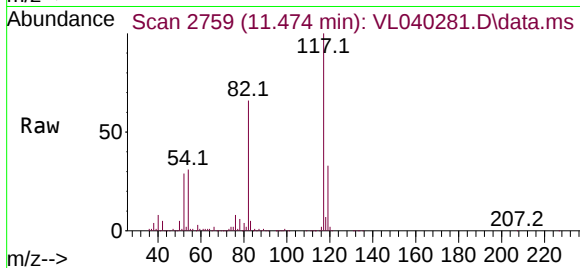




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

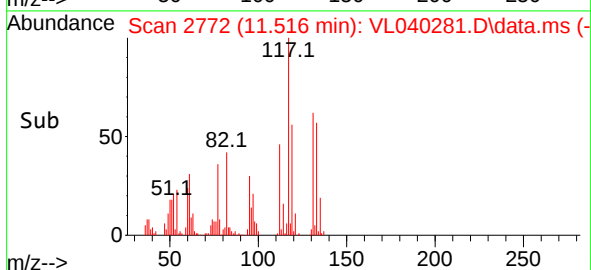
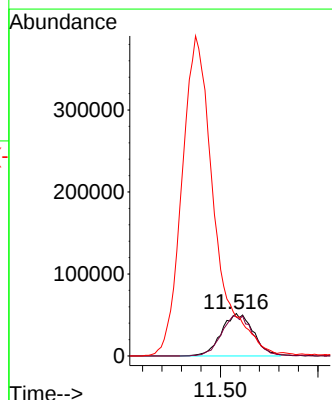
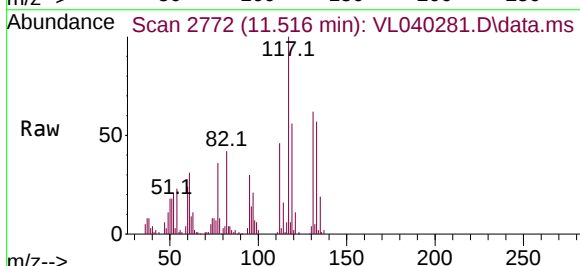
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

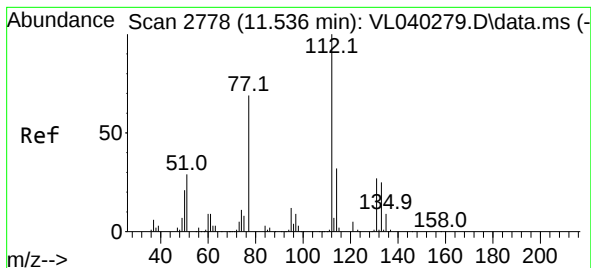
Tgt Ion:117 Resp: 2656217
Ion Ratio Lower Upper
117 100
82 65.9 51.4 77.2
119 34.4 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 1.050 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:131 Resp: 117358
Ion Ratio Lower Upper
131 100
133 95.0 76.5 114.7
119 775.6 47.9 71.9#





#57

Chlorobenzene

Concen: 1.074 ppbv

RT: 11.536 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

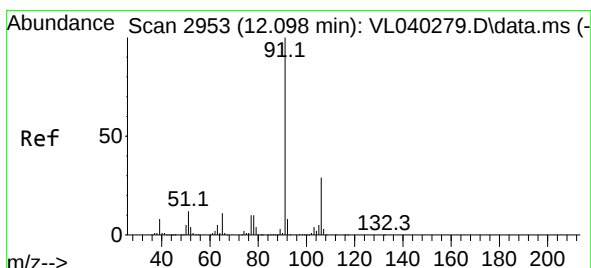
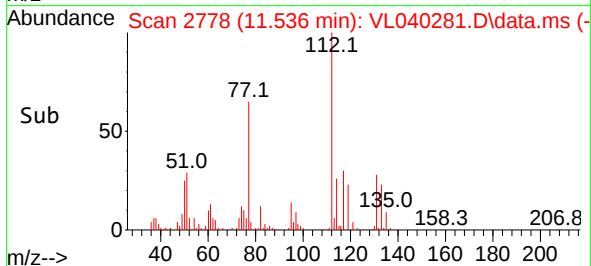
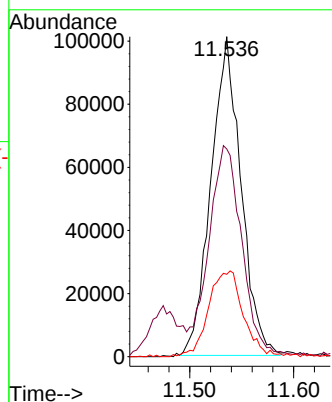
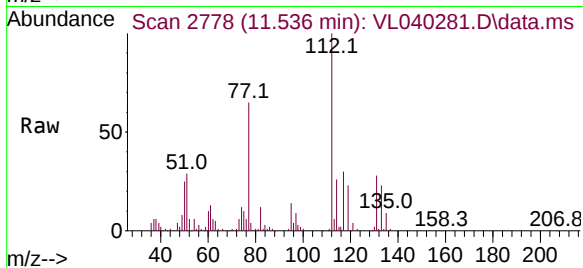
Tgt Ion:112 Resp: 202885

Ion Ratio Lower Upper

112 100

77 63.5 56.2 84.2

114 25.3 29.0 35.4#



#58

Ethyl Benzene

Concen: 1.017 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VL040281.D

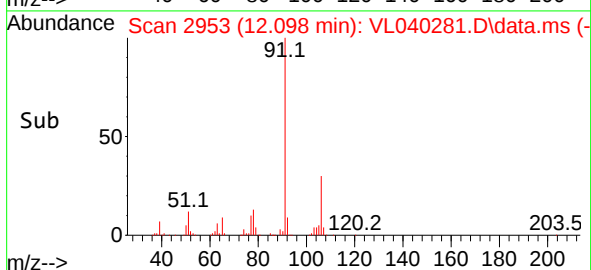
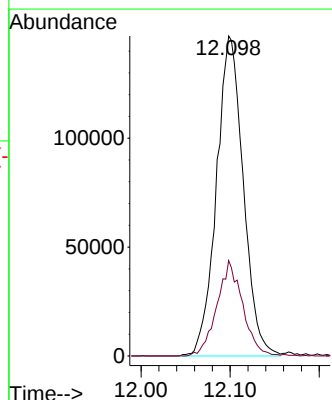
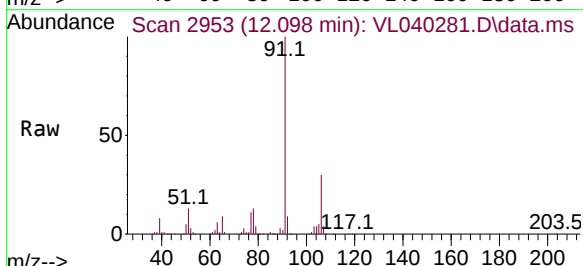
Acq: 15 Mar 2023 12:53

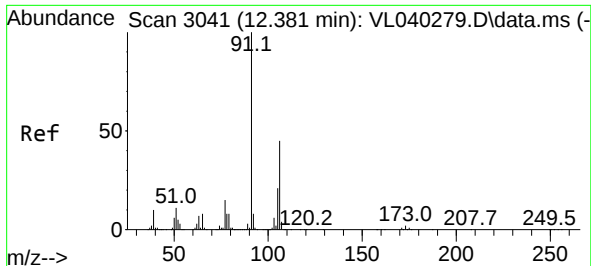
Tgt Ion: 91 Resp: 307602

Ion Ratio Lower Upper

91 100

106 29.7 23.4 35.2





#59

m/p-Xylene

Concen: 0.999 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_1

ClientSampleId :

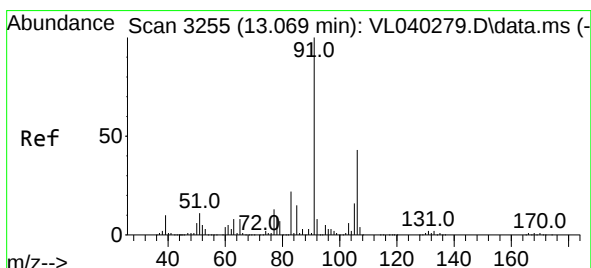
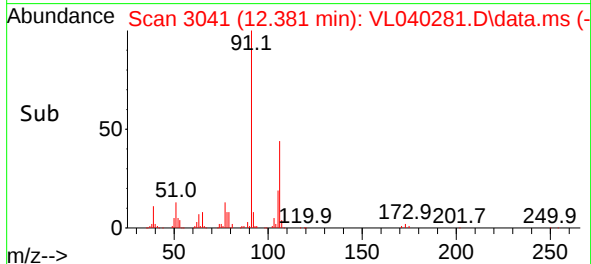
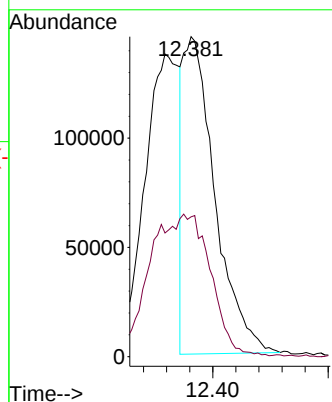
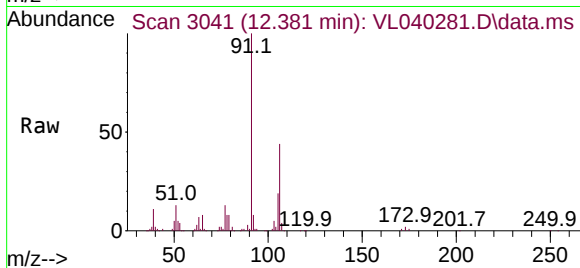
VSTDIC001

Tgt Ion: 91 Resp: 276852

Ion Ratio Lower Upper

91 100

106 87.0 34.0 51.0#



#60

o-Xylene

Concen: 1.030 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.003 min

Lab File: VL040281.D

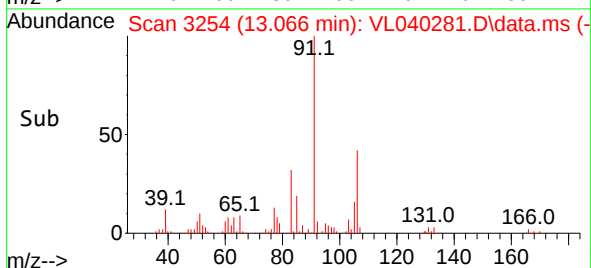
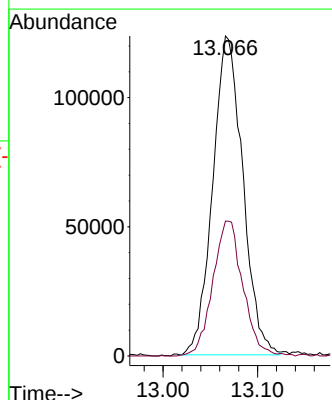
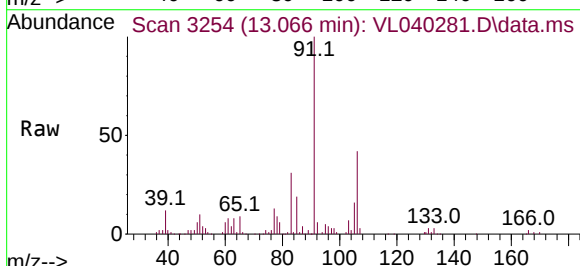
Acq: 15 Mar 2023 12:53

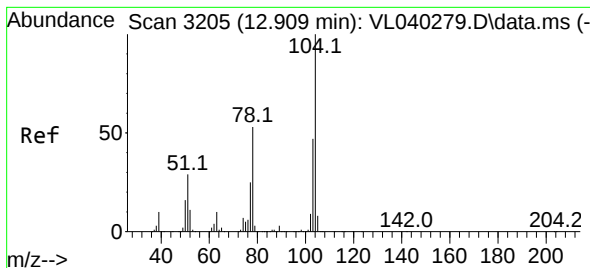
Tgt Ion: 91 Resp: 272696

Ion Ratio Lower Upper

91 100

106 42.5 21.7 65.1





#61

Styrene

Concen: 0.933 ppbv

RT: 12.908 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

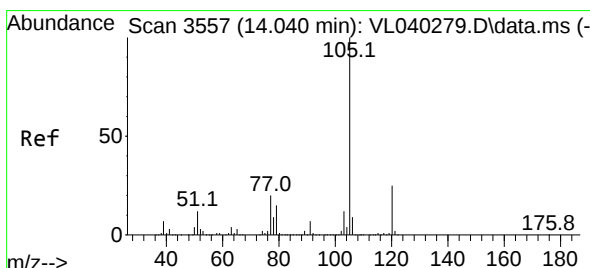
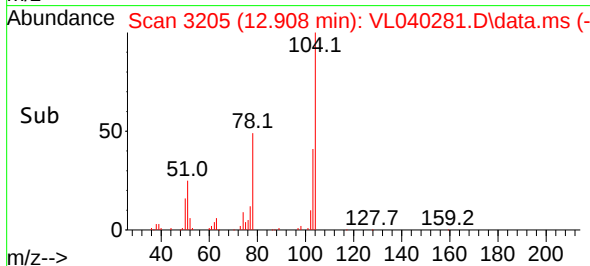
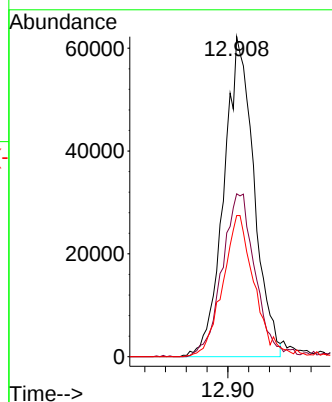
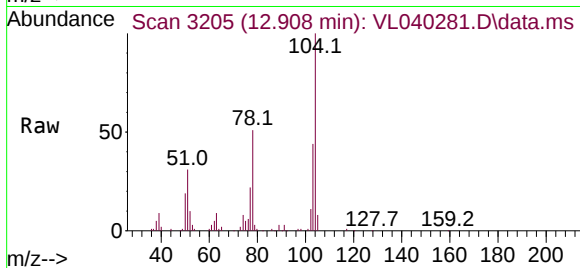
Tgt Ion:104 Resp: 125395

Ion Ratio Lower Upper

104 100

78 56.9 43.7 65.5

103 46.6 37.4 56.2



#62

Isopropylbenzene

Concen: 1.053 ppbv

RT: 14.043 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL040281.D

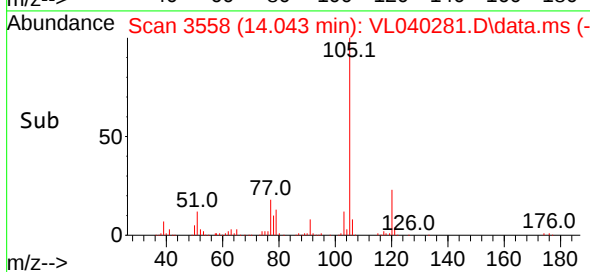
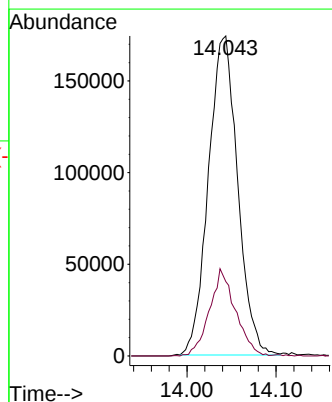
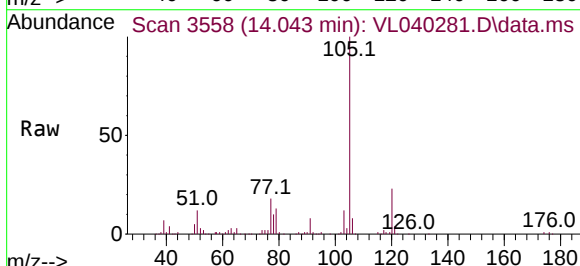
Acq: 15 Mar 2023 12:53

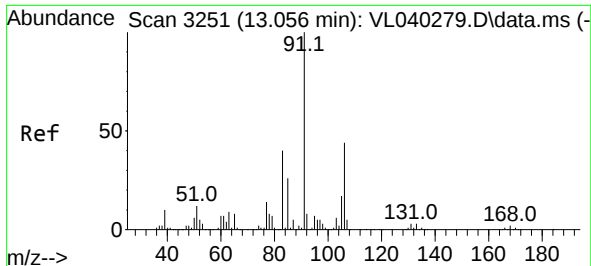
Tgt Ion:105 Resp: 397051

Ion Ratio Lower Upper

105 100

120 24.4 19.9 29.9

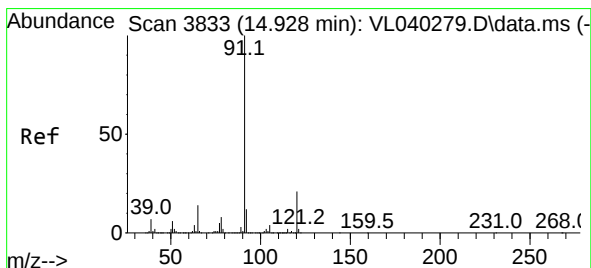
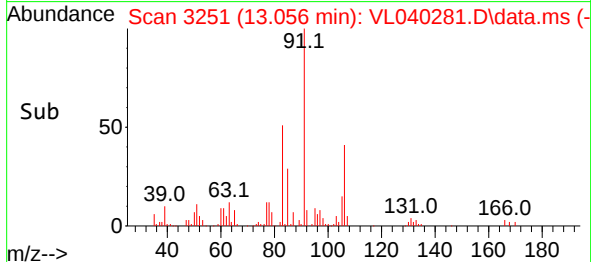
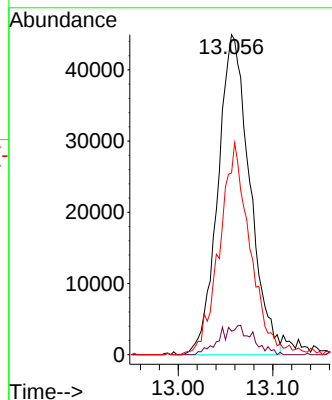
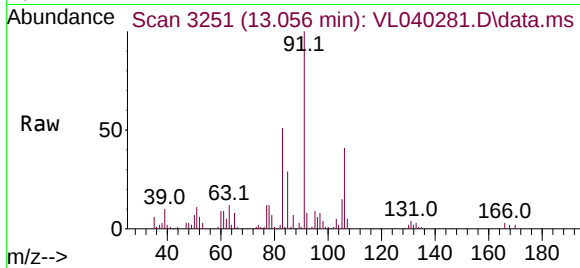




#63
1,1,2,2-Tetrachloroethane
Concen: 1.128 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

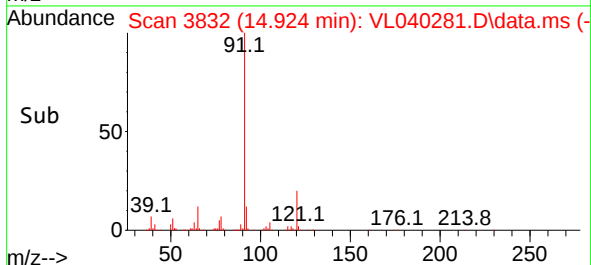
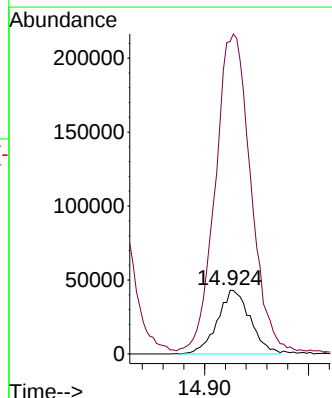
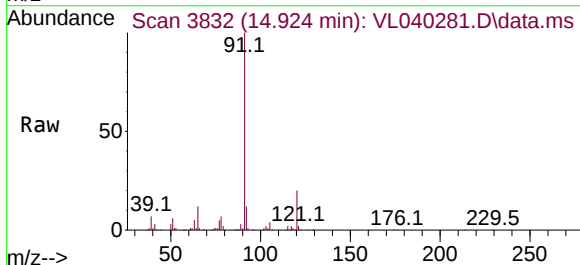
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

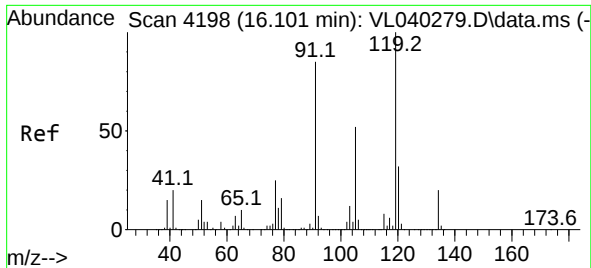
Tgt Ion: 83 Resp: 105104
Ion Ratio Lower Upper
83 100
131 9.5 4.3 12.9
85 64.9 32.7 98.1



#64
n-propylbenzene
Concen: 1.022 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 120 Resp: 94377
Ion Ratio Lower Upper
120 100
91 549.0 399.0 598.6

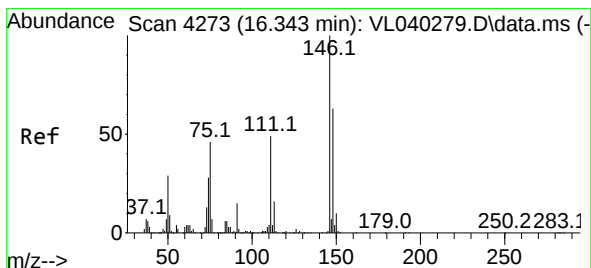
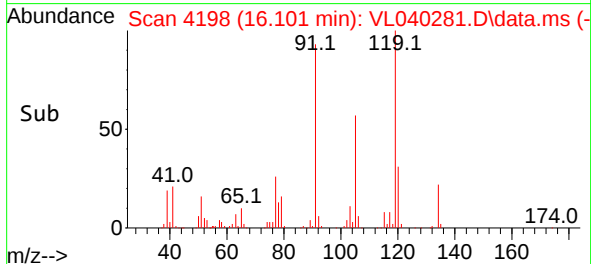
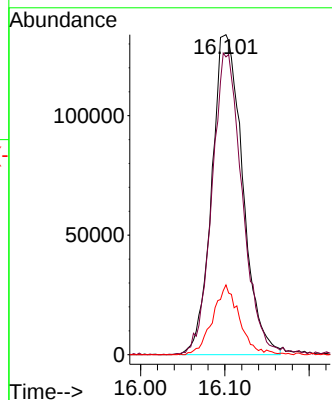
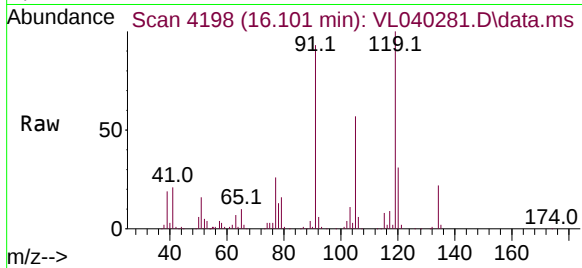




#65
tert-Butylbenzene
Concen: 1.050 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

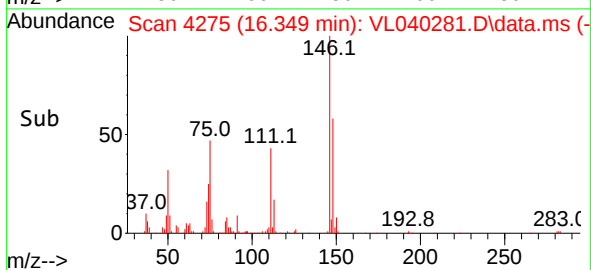
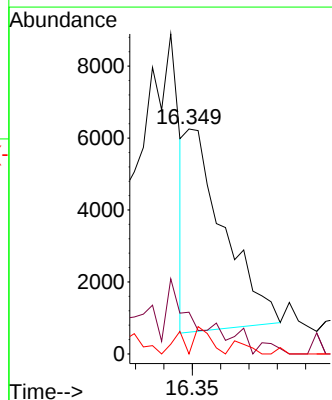
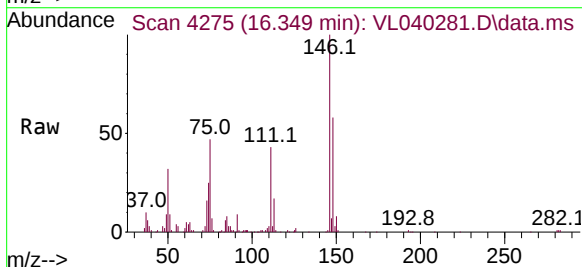
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

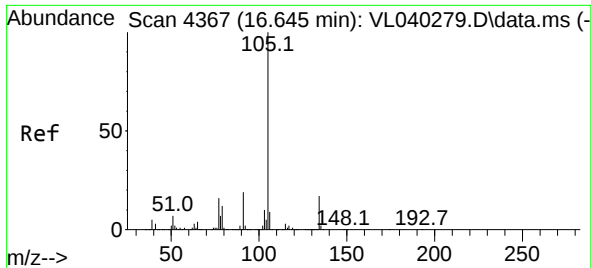
Tgt Ion:119 Resp: 341216
Ion Ratio Lower Upper
119 100
91 93.2 69.4 104.2
134 19.2 15.8 23.6



#66
Benzyl Chloride
Concen: 0.251 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 91 Resp: 5310
Ion Ratio Lower Upper
91 100
126 34.4 12.1 18.1#
128 8.3 3.8 5.6#

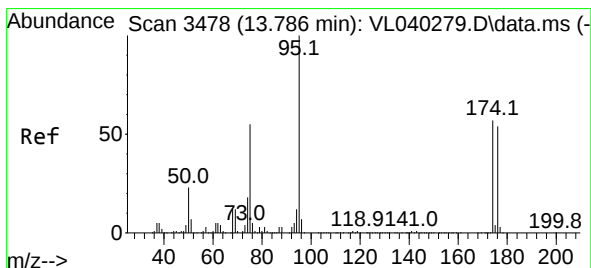
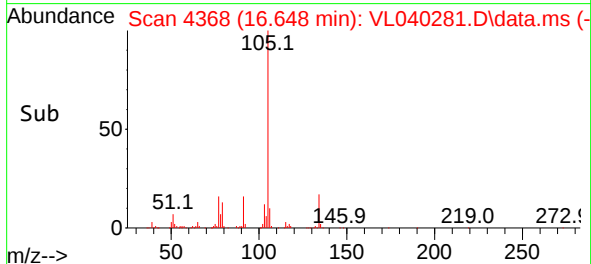
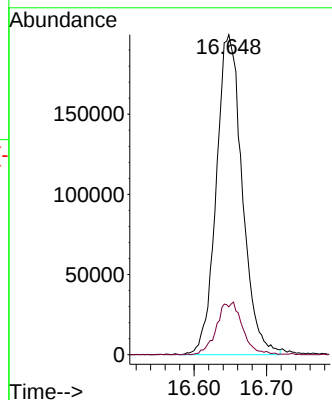
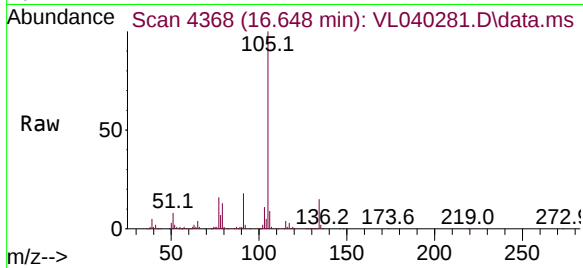




#67
 sec-Butylbenzene
 Concen: 1.070 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

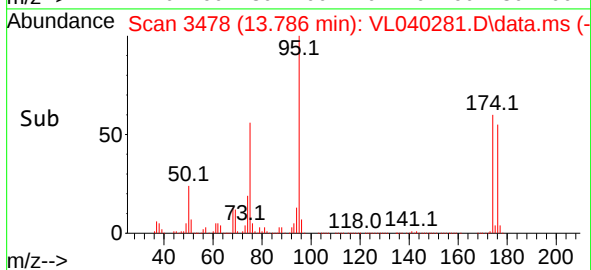
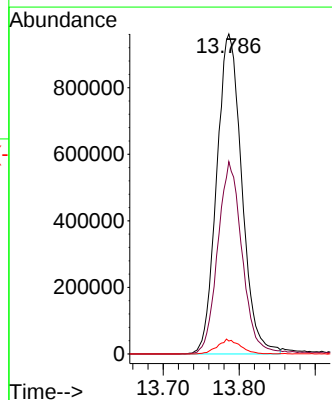
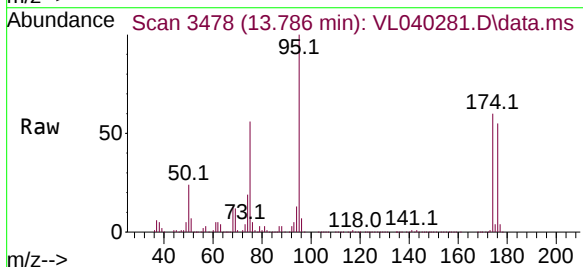
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

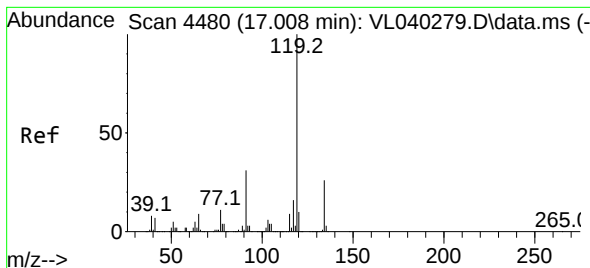
Tgt Ion:105 Resp: 497211
 Ion Ratio Lower Upper
 105 100
 134 16.5 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.926 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 95 Resp: 2207866
 Ion Ratio Lower Upper
 95 100
 174 59.3 47.0 70.6
 175 4.3 3.4 5.2

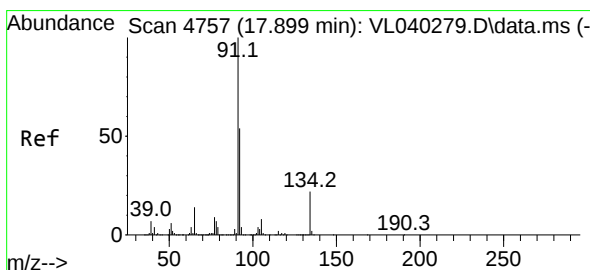
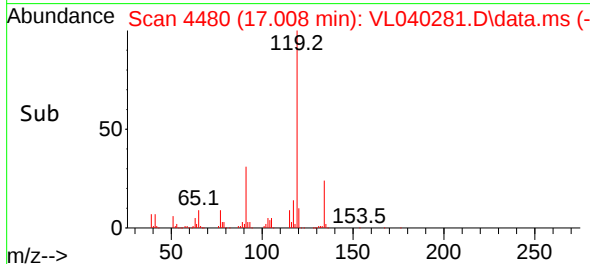
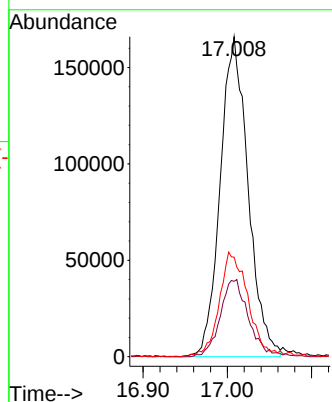
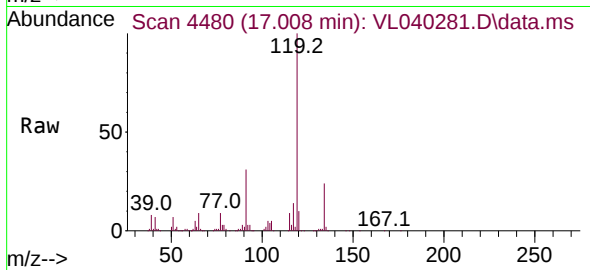




#69
p-Isopropyltoluene
Concen: 1.052 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

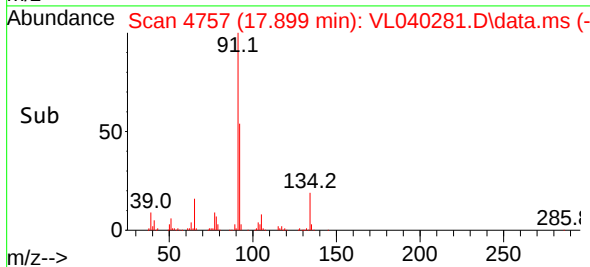
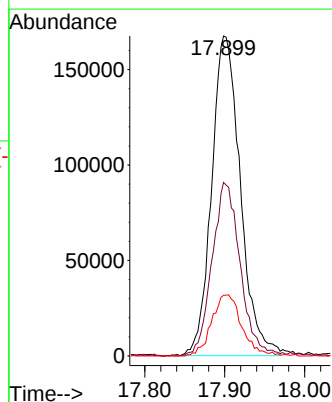
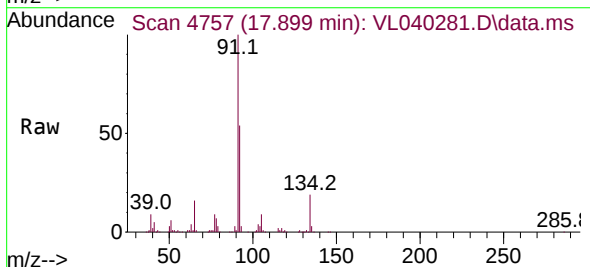
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

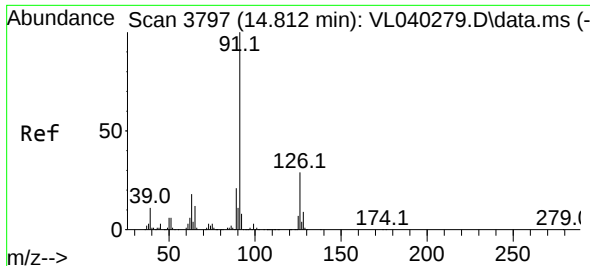
Tgt Ion:119 Resp: 380687
Ion Ratio Lower Upper
119 100
134 24.6 20.2 30.2
91 34.3 25.1 37.7



#70
n-Butylbenzene
Concen: 1.046 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 91 Resp: 417292
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 20.2 16.8 25.2

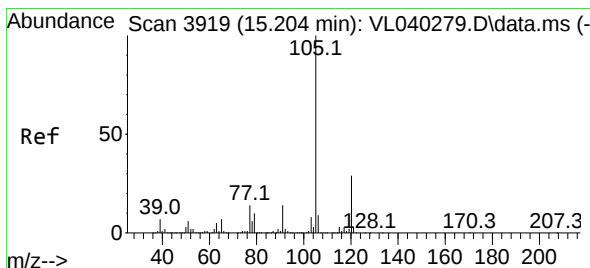
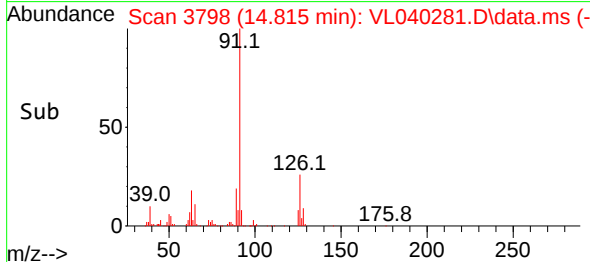
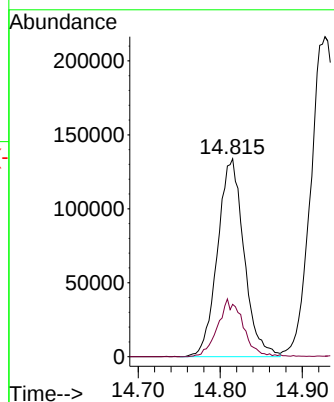
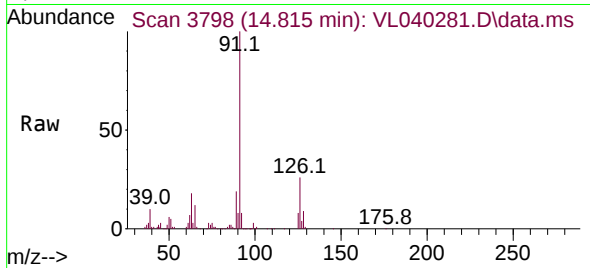




#71
2-Chlorotoluene
Concen: 1.044 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

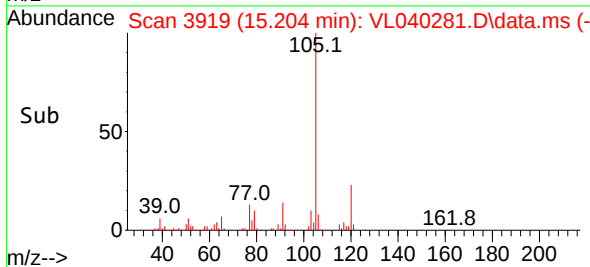
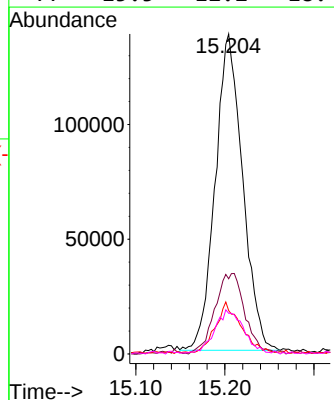
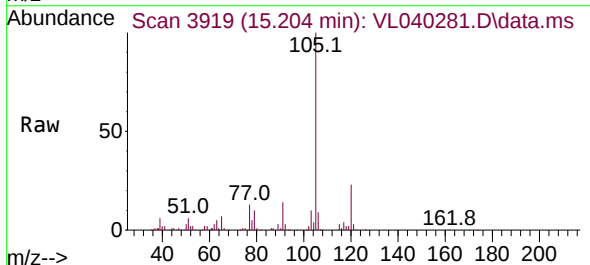
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

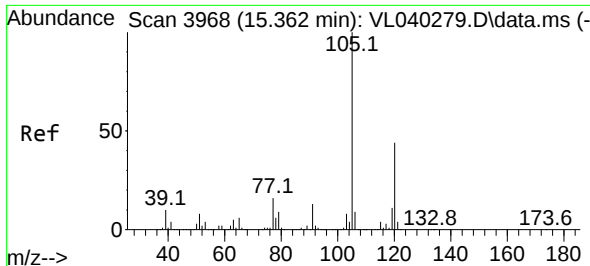
Tgt Ion: 91 Resp: 299583
Ion Ratio Lower Upper
91 100
126 28.2 11.8 47.4



#72
4-Ethyltoluene
Concen: 1.017 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 105 Resp: 294486
Ion Ratio Lower Upper
105 100
120 28.2 23.7 35.5
91 15.5 11.6 17.4
77 15.5 12.2 18.4

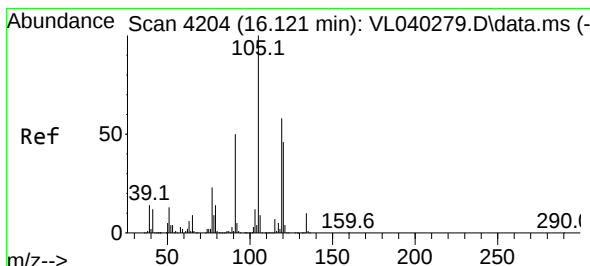
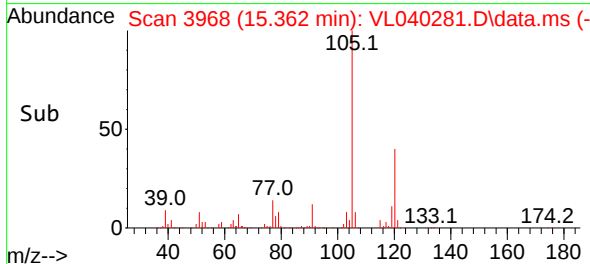
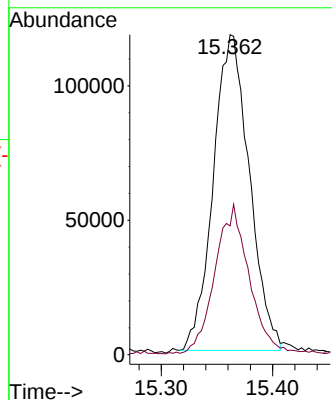
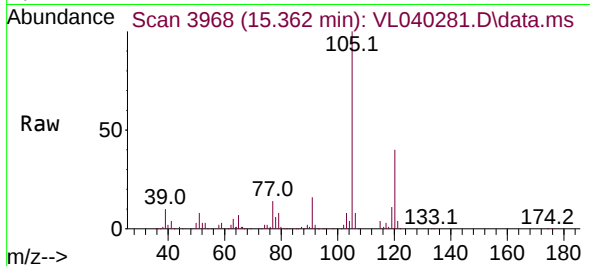




#73
 1,3,5-Trimethylbenzene
 Concen: 1.008 ppbv
 RT: 15.362 min Scan# 3968
 Delta R.T. -0.000 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

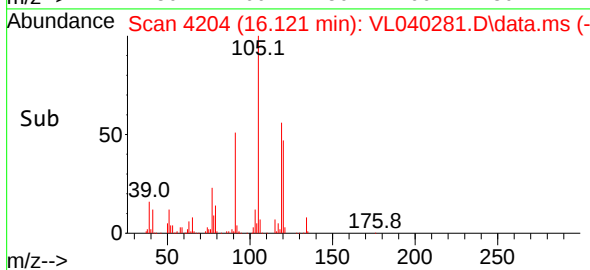
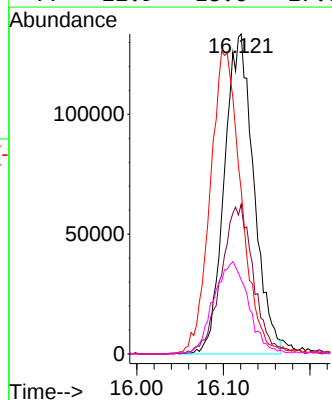
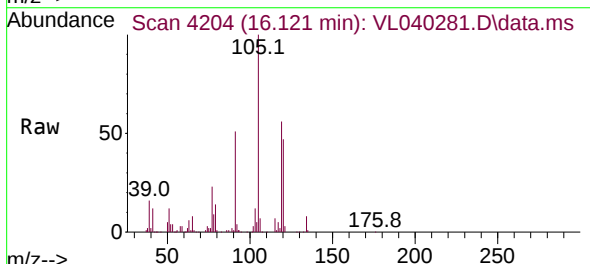
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

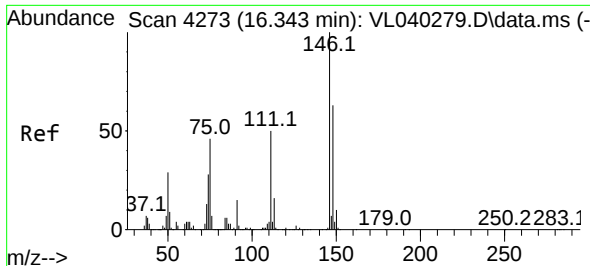
Tgt Ion:105 Resp: 264387
 Ion Ratio Lower Upper
 105 100
 120 40.4 34.9 52.3



#74
 1,2,4-Trimethylbenzene
 Concen: 1.052 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. -0.000 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion:105 Resp: 314596
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.6 54.8
 91 50.6 39.9 59.9
 77 22.9 18.6 27.8

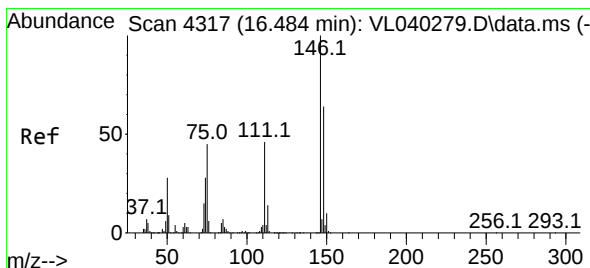
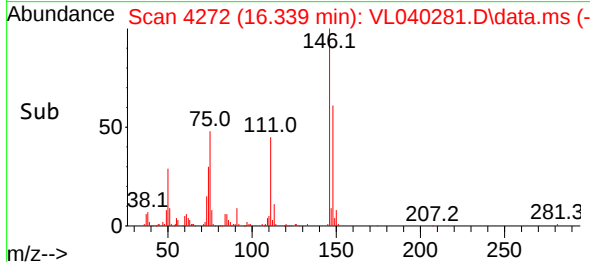
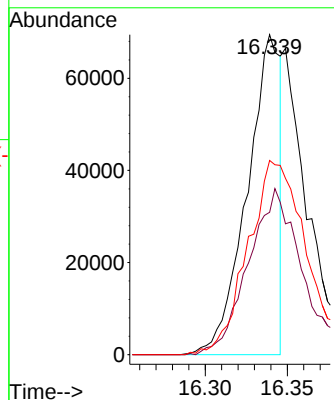
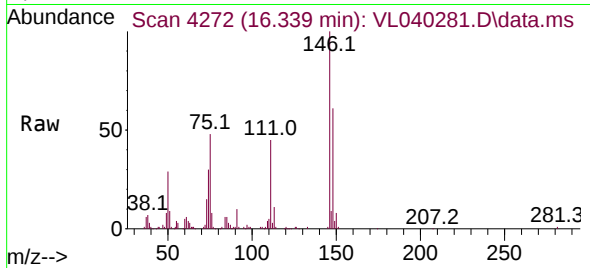




#75
1,3-Dichlorobenzene
Concen: 0.603 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

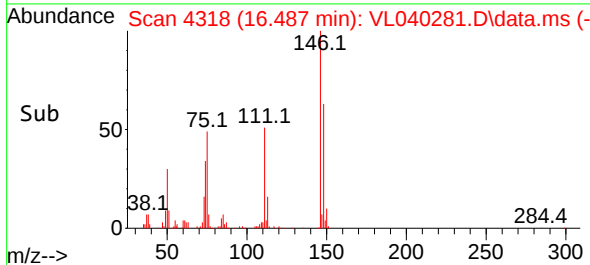
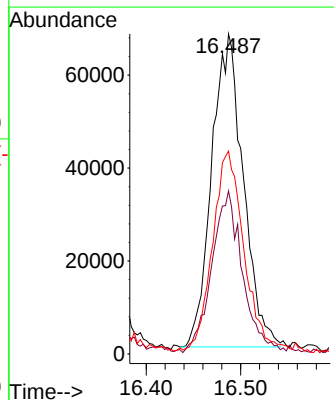
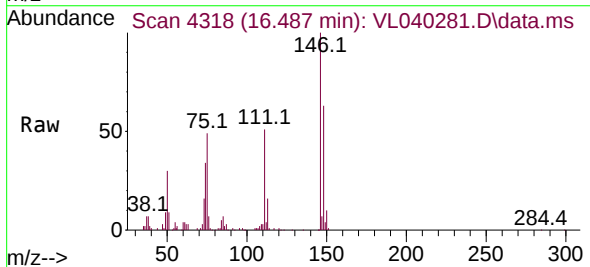
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

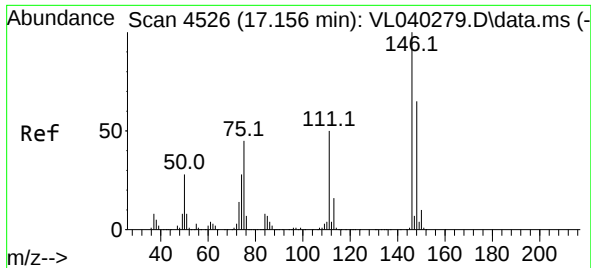
Tgt Ion:146 Resp: 97670
Ion Ratio Lower Upper
146 100
111 86.9 24.3 73.0#
148 109.9 31.9 95.5#



#76
1,4-Dichlorobenzene
Concen: 1.009 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:146 Resp: 155918
Ion Ratio Lower Upper
146 100
111 49.2 23.8 71.2
148 66.0 32.5 97.5

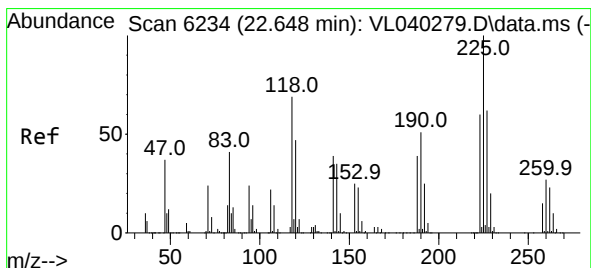
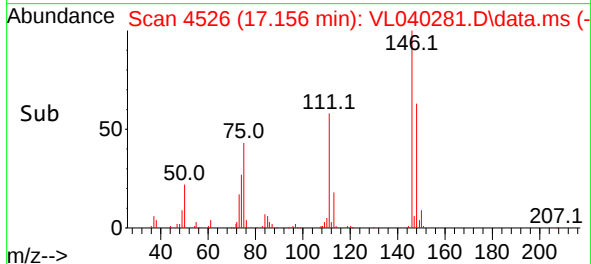
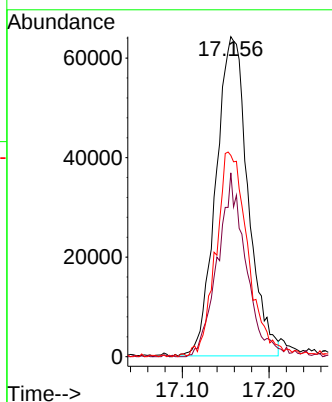
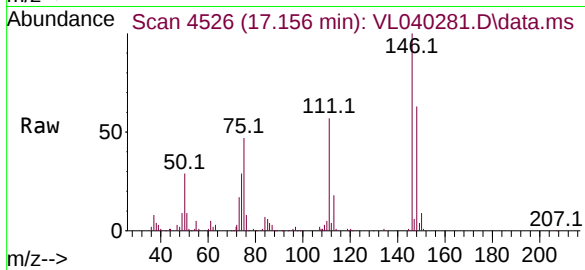




#77
1,2-Dichlorobenzene
Concen: 1.061 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

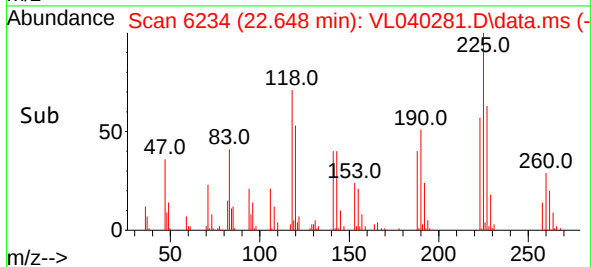
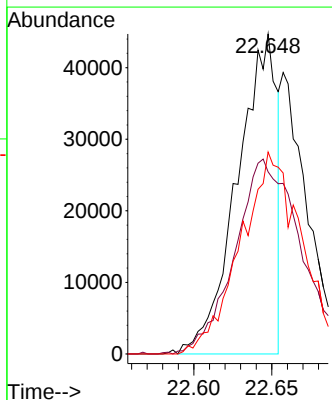
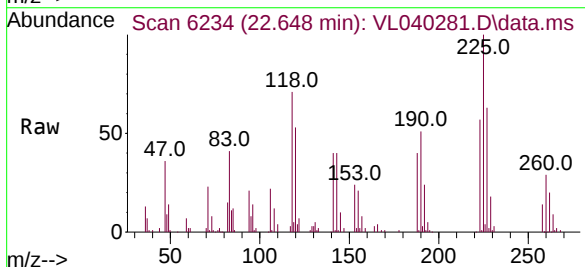
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

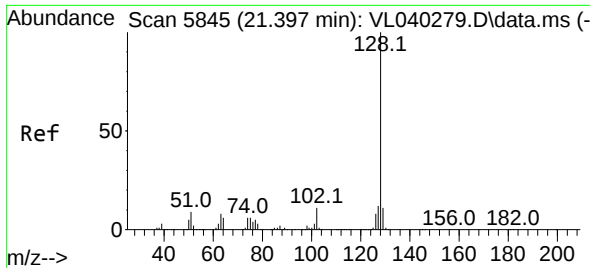
Tgt Ion:146 Resp: 165191
Ion Ratio Lower Upper
146 100
111 51.4 25.2 75.6
148 64.7 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.690 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:225 Resp: 78793
Ion Ratio Lower Upper
225 100
223 102.9 51.0 76.6#
227 100.0 51.4 77.2#

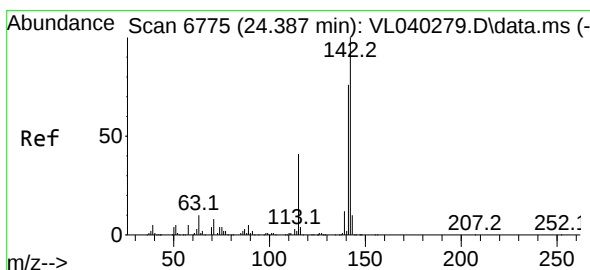
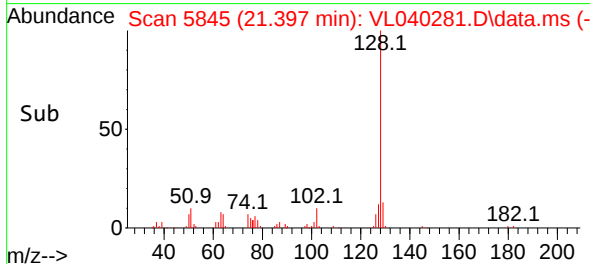
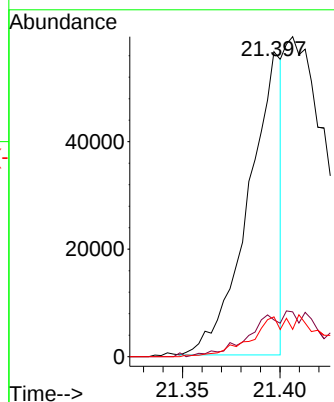
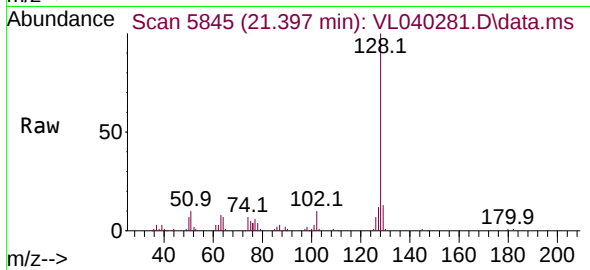




#79
Naphthalene
Concen: 0.379 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

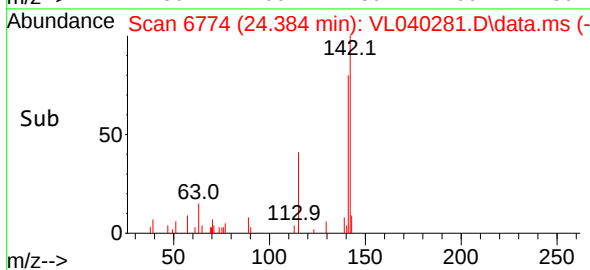
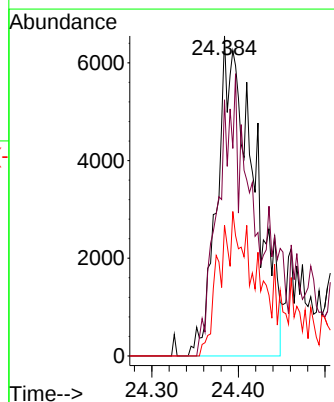
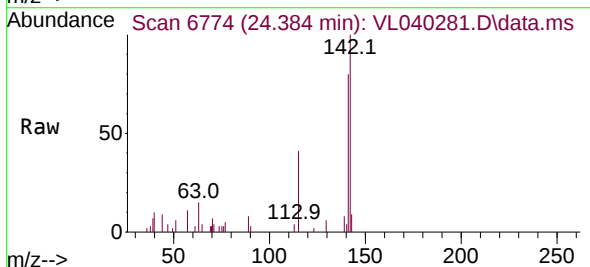
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

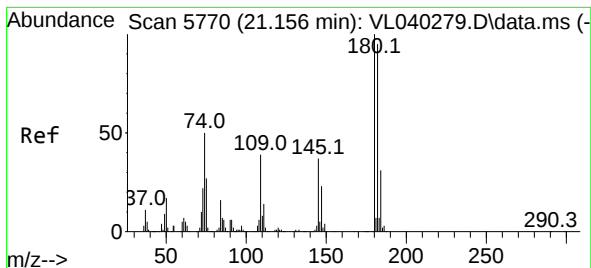
Tgt Ion:128 Resp: 67067
Ion Ratio Lower Upper
128 100
127 10.9 9.6 14.4
129 13.1 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.433 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:142 Resp: 19385
Ion Ratio Lower Upper
142 100
141 90.4 65.5 98.3
115 60.6 33.5 50.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.342 ppbv

RT: 21.149 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL040281.D

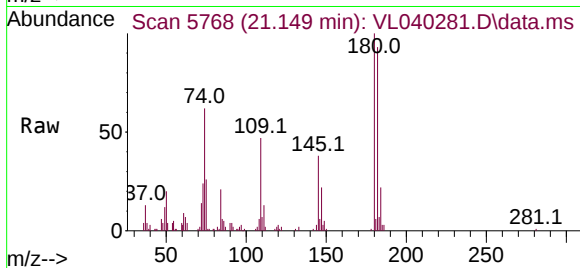
Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 37325

Ion Ratio Lower Upper

180 100

182 0.0 76.1 114.1#

184 0.0 24.4 36.6#

