

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040635.D
 Acq On : 15 Aug 2023 14:19
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Aug 16 04:50:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	998241	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2495181	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2398333	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2087812	10.946	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2826547	13.146	ppbv	100
3) Chlorodifluoromethane	2.664	51	2081947	12.702	ppbv	96
4) Chloromethane	2.806	50	796803	12.464	ppbv	94
5) Vinyl Chloride	2.912	62	915185	13.482	ppbv	96
6) Bromomethane	3.115	94	496323	13.870	ppbv	96
7) Chloroethane	3.192	64	344025	13.894	ppbv	92
8) Dichlorotetrafluoroethane	2.851	85	2320278	13.333	ppbv	99
9) Propene	2.687	41	620569	12.219	ppbv	100
10) Heptane	7.587	43	1625818	13.902	ppbv	100
11) Trichlorofluoromethane	3.558	101	2509834	14.459	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1815147	14.248	ppbv	98
13) Ethanol	3.234	45	151411	12.431	ppbv	91
14) Bromoethene	3.362	108	735966	14.068	ppbv	96
15) Acetone	3.462	43	1615746	13.233	ppbv	99
16) 1,3-Butadiene	2.976	39	813335	13.395	ppbv	100
17) tert-Butyl alcohol	3.877	59	1853382	14.313	ppbv	100
18) 1,1-Dichloroethene	3.877	96	846212	14.493	ppbv	98
19) Isopropyl Alcohol	3.571	45	1103058	14.248	ppbv	99
20) Methylene Chloride	3.928	84	696417	11.672	ppbv	96
21) Allyl Chloride	3.996	41	1100887	13.631	ppbv	95
22) trans-1,2-Dichloroethene	4.446	96	850298	14.835	ppbv	97
23) Vinyl Acetate	4.626	43	2009382	15.060	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1693926	14.237	ppbv	99
25) Ethyl Acetate	5.208	43	2951326	12.871	ppbv	100
26) Hexane	5.214	57	1317489	11.875	ppbv	98
27) Carbon Disulfide	4.121	76	2100853	15.905	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	1193941	13.920	ppbv	100
29) Chloroform	5.278	83	2312232	13.167	ppbv	98
30) Cyclohexane	6.610	84	1108019	13.625	ppbv	97
31) cis-1,2-Dichloroethene	5.082	61	1363539	13.618	ppbv	96
32) 1,1,1-Trichloroethane	6.008	97	2375313	14.096	ppbv	99
34) 2-Butanone	4.787	43	1765361	14.030	ppbv	99
35) Carbon Tetrachloride	6.500	117	2490130	15.917	ppbv	98
36) Benzene	6.378	78	2711289	13.658	ppbv	98
37) 1,2-Dichloroethane	5.812	62	1816202	15.171	ppbv	97
38) Trichloroethene	7.298	130	1145936	14.845	ppbv	97
39) 1,2-Dichloropropane	7.082	63	1056863	13.994	ppbv	95
40) 1,4-Dioxane	7.294	88	465963	16.434	ppbv	96
41) Tetrahydrofuran	5.558	42	990095	13.982	ppbv	99
42) Bromodichloromethane	7.259	83	2606229	15.640	ppbv	98
43) Methyl Methacrylate	7.484	69	1151959	15.506	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	4552813	14.190	ppbv	98
45) t-1,3-Dichloropropene	8.722	75	1070496	18.273	ppbv	99

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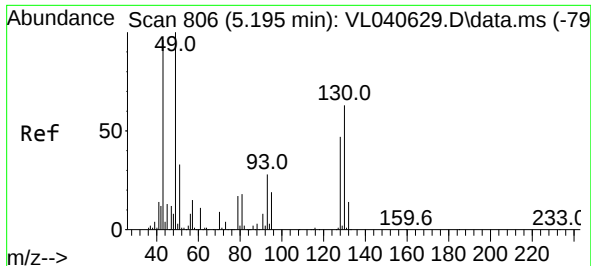
Quant Time: Aug 16 04:50:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1207095	16.725	ppbv	95
47) 1,1,2-Trichloroethane	8.909	97	1211570	14.194	ppbv	97
48) Dibromochloromethane	9.725	129	2176412	16.292	ppbv	100
49) Bromoform	12.420	173	1833578	17.179	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2796759	15.191	ppbv	99
51) 2-Hexanone	9.561	43	2128311	16.488	ppbv	97
52) Tetrachloroethene	10.629	164	984396	15.836	ppbv	96
53) Toluene	9.233	91	3233825	15.330	ppbv	98
54) 1,2-Dibromoethane	10.021	107	1777408	17.350	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.523	131	1604694	14.448	ppbv	96
57) Chlorobenzene	11.542	112	2595900	14.024	ppbv	96
58) Ethyl Benzene	12.101	91	4510008	15.594	ppbv	100
59) m/p-Xylene	12.381	91	4438254	16.839	ppbv #	46
60) o-Xylene	13.076	91	3870302	15.478	ppbv	100
61) Styrene	12.912	104	1936943	17.682	ppbv	98
62) Isopropylbenzene	14.043	105	5575358	14.736	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2809073	14.823	ppbv	99
64) n-propylbenzene	14.931	120	1452666	15.187	ppbv	96
65) tert-Butylbenzene	16.108	119	4955828	15.110	ppbv	99
66) Benzyl Chloride	16.342	91	734838	17.949	ppbv	100
67) sec-Butylbenzene	16.651	105	7012713	14.655	ppbv	99
69) p-Isopropyltoluene	17.011	119	5683660	15.180	ppbv	99
70) n-Butylbenzene	17.899	91	6223759	15.225	ppbv	99
71) 2-Chlorotoluene	14.815	91	4341759	15.463	ppbv	100
72) 4-Ethyltoluene	15.207	105	4506056	15.963	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	3897016	15.480	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	4422972	15.009	ppbv	93
75) 1,3-Dichlorobenzene	16.346	146	2528836	14.868	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	2467001	14.512	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	2402041	14.365	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1726522	13.583	ppbv	100
79) Naphthalene	21.397	128	3789611	19.217	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	1211636	23.011	ppbv	96
81) 1,2,4-Trichlorobenzene	21.152	180	2057258	16.059	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Aug 16 04:44:10 2023
Response via : Initial Calibration

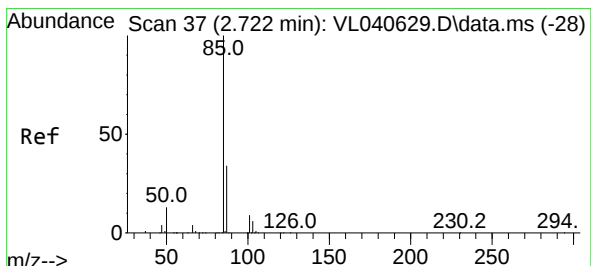
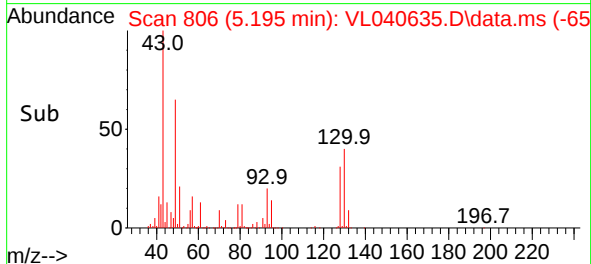
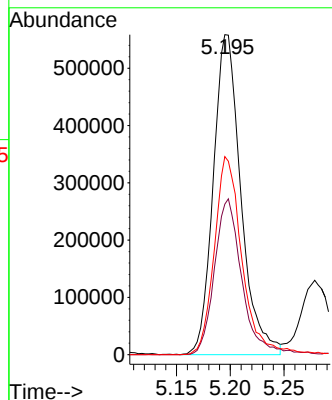
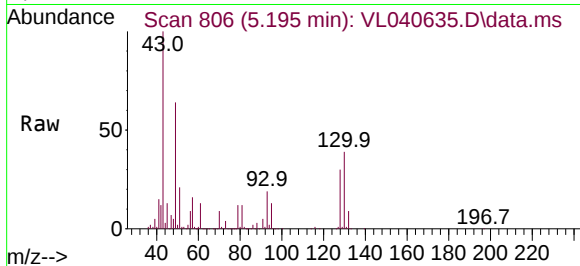




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

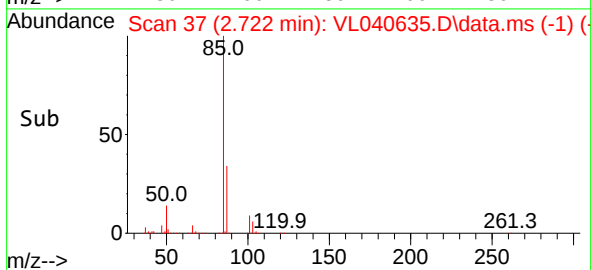
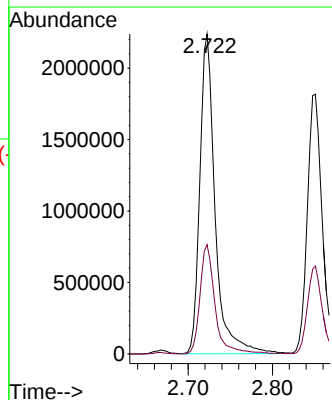
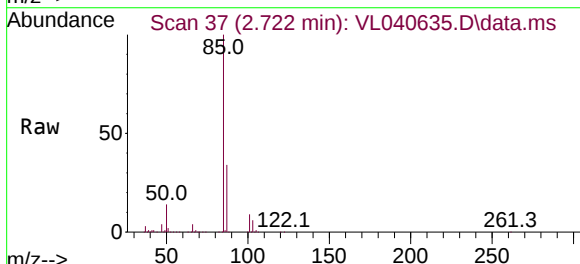
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

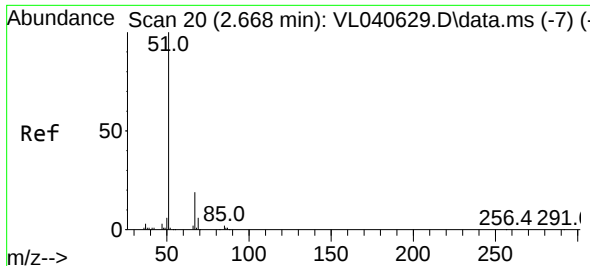
Tgt Ion: 49 Resp: 998241
 Ion Ratio Lower Upper
 49 100
 128 48.5 24.9 74.7
 130 62.3 32.2 96.6



#2
 Dichlorodifluoromethane
 Concen: 13.146 ppbv
 RT: 2.722 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion: 85 Resp: 2826547
 Ion Ratio Lower Upper
 85 100
 87 34.1 27.5 41.3

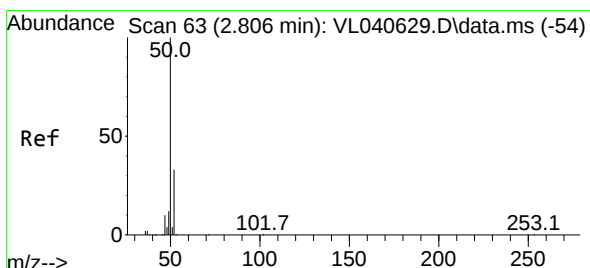
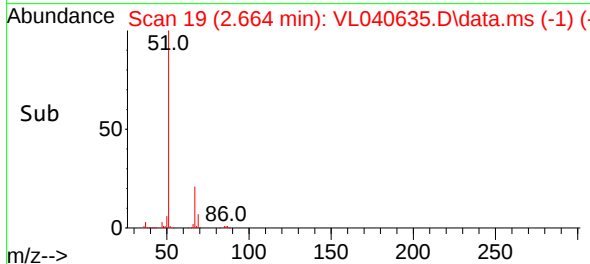
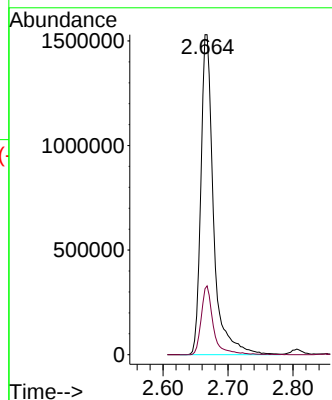
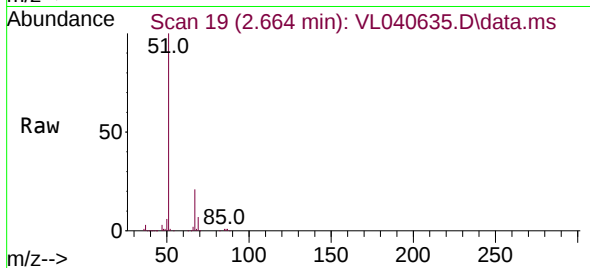




#3
Chlorodifluoromethane
Concen: 12.702 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

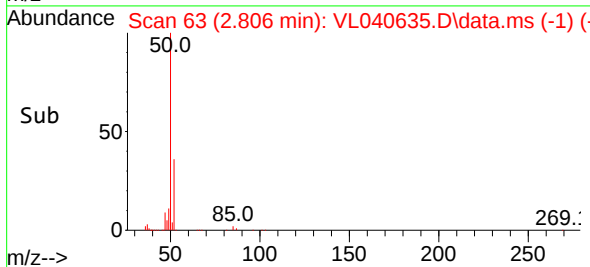
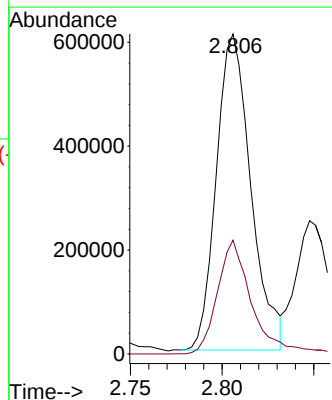
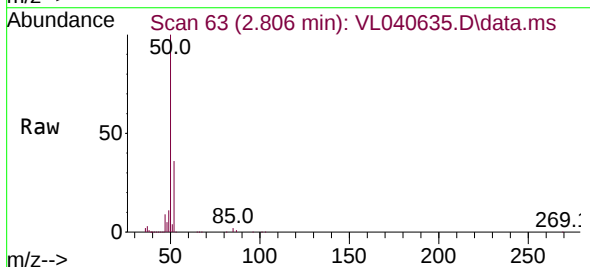
Instrument :
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ClientSampleId :
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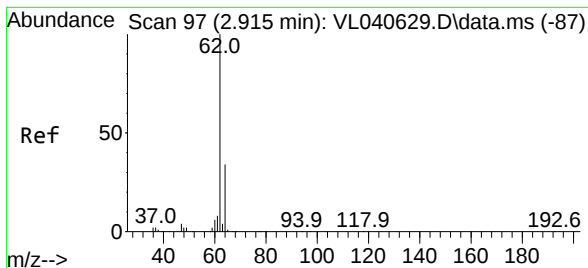
Tgt Ion: 51 Resp: 2081947
Ion Ratio Lower Upper
51 100
67 20.6 15.0 22.6



#4
Chloromethane
Concen: 12.464 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 50 Resp: 796803
Ion Ratio Lower Upper
50 100
52 36.0 26.2 39.2

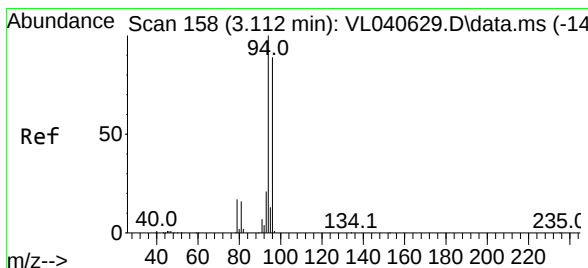
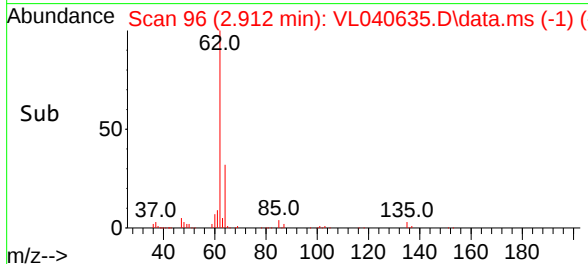
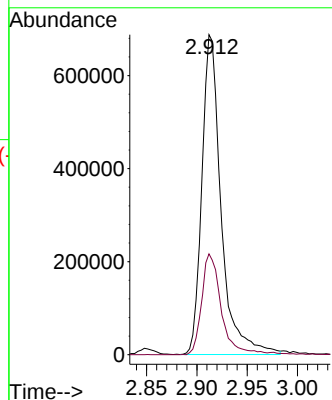
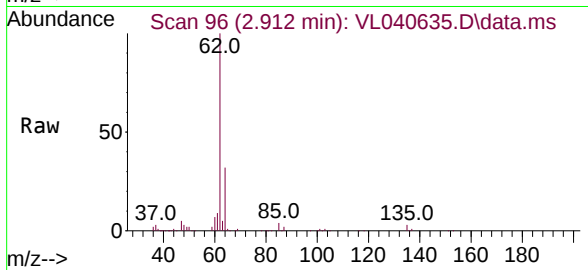




#5
 Vinyl Chloride
 Concen: 13.482 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

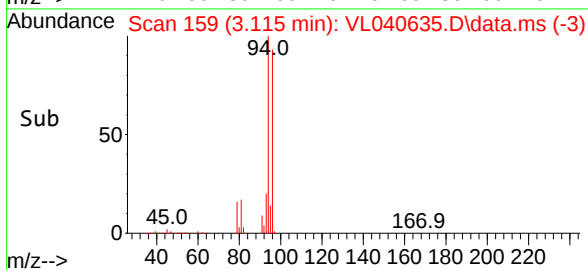
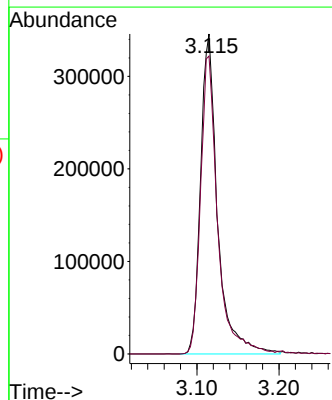
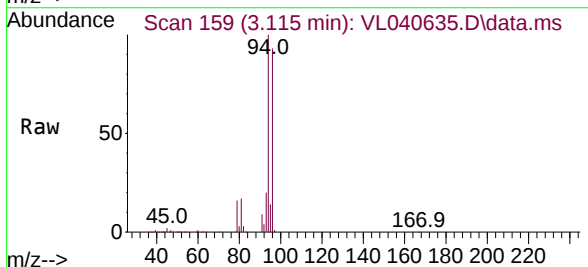
Instrument :
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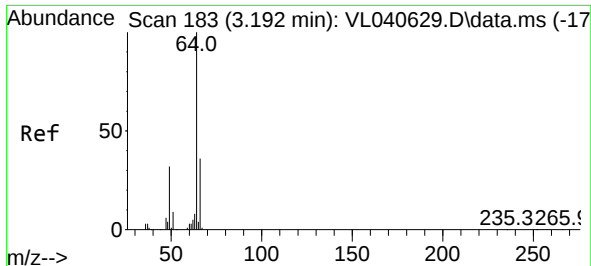
Tgt Ion: 62 Resp: 915185
 Ion Ratio Lower Upper
 62 100
 64 31.5 27.0 40.6



#6
 Bromomethane
 Concen: 13.870 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion: 94 Resp: 496323
 Ion Ratio Lower Upper
 94 100
 96 93.1 71.5 107.3

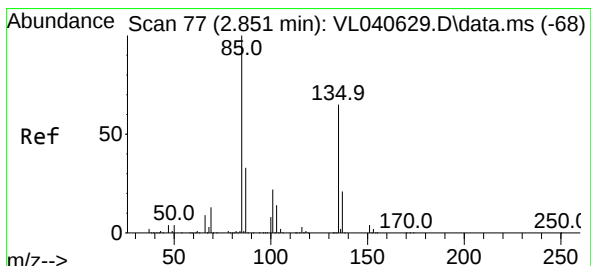
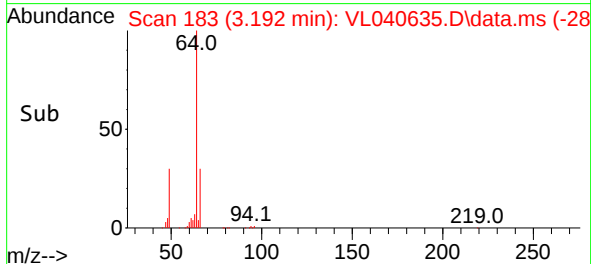
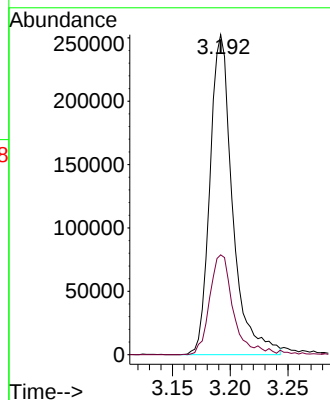
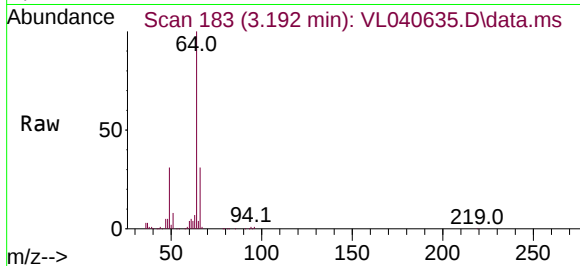




#7
Chloroethane
Concen: 13.894 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

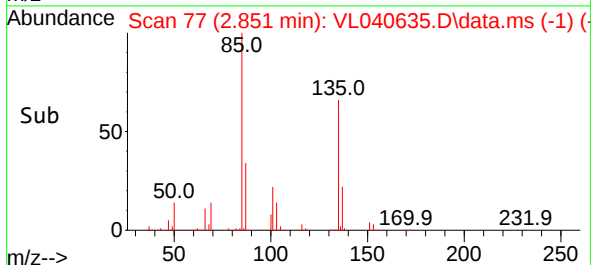
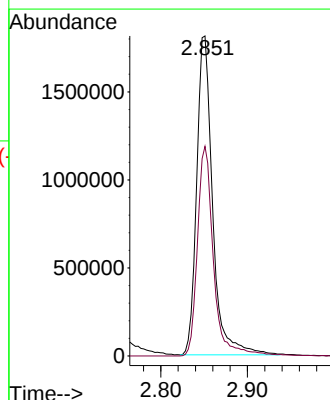
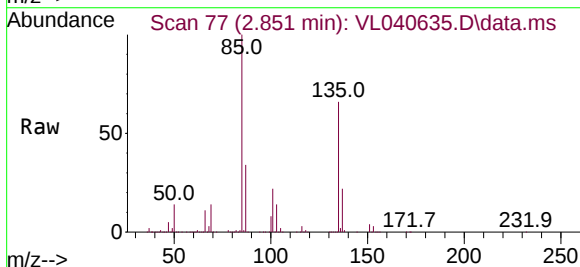
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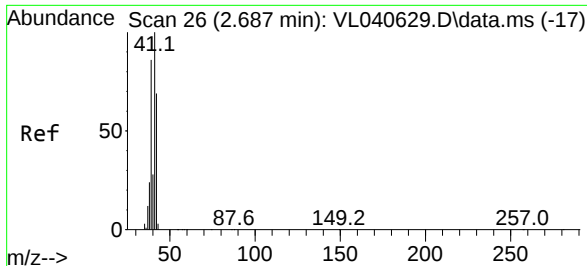
Tgt Ion: 64 Resp: 344025
Ion Ratio Lower Upper
64 100
66 31.2 28.7 43.1



#8
Dichlorotetrafluoroethane
Concen: 13.333 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 85 Resp: 2320278
Ion Ratio Lower Upper
85 100
135 66.5 52.8 79.2

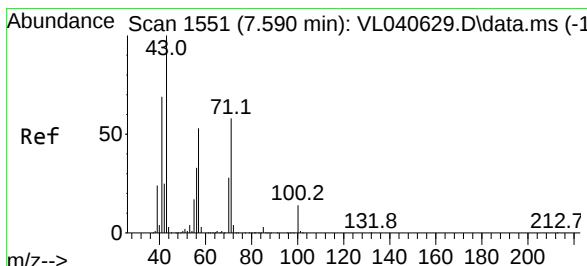
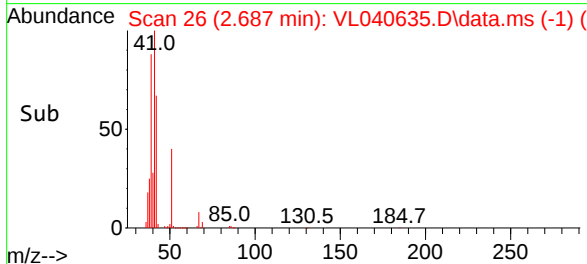
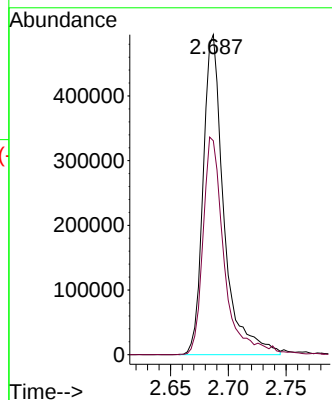
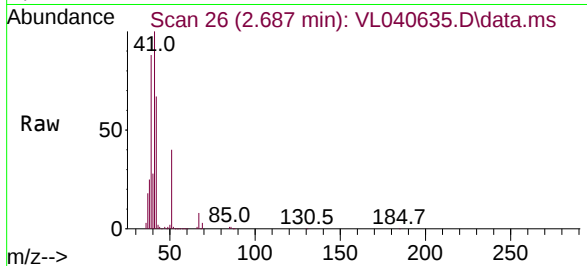




#9
 Propene
 Concen: 12.219 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

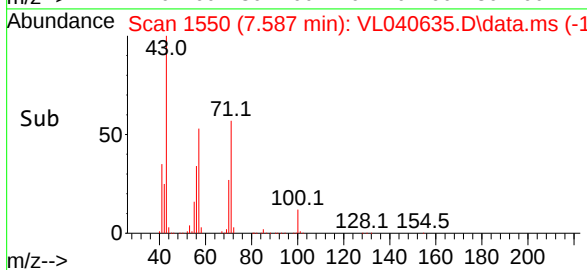
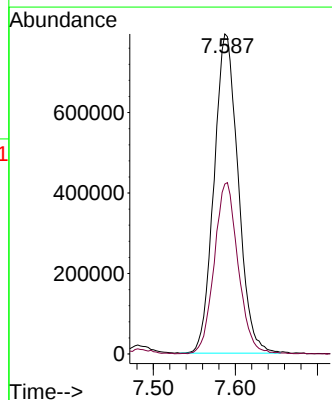
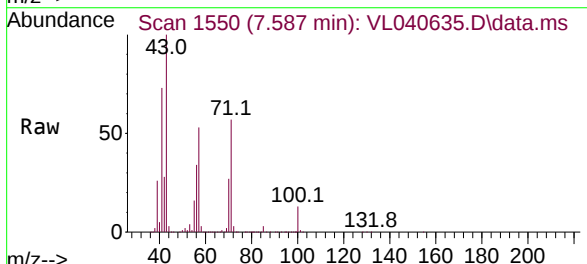
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

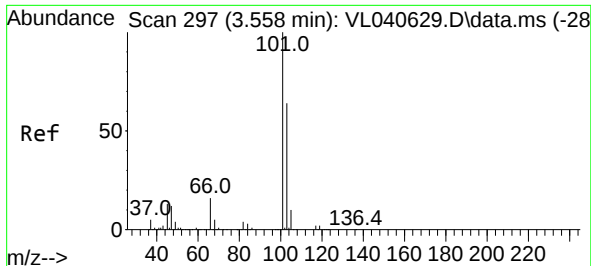
Tgt Ion: 41 Resp: 620569
 Ion Ratio Lower Upper
 41 100
 42 70.2 56.5 84.7



#10
 Heptane
 Concen: 13.902 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. -0.003 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion: 43 Resp: 1625818
 Ion Ratio Lower Upper
 43 100
 57 53.4 42.5 63.7

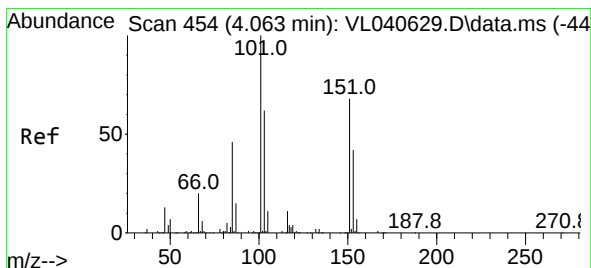
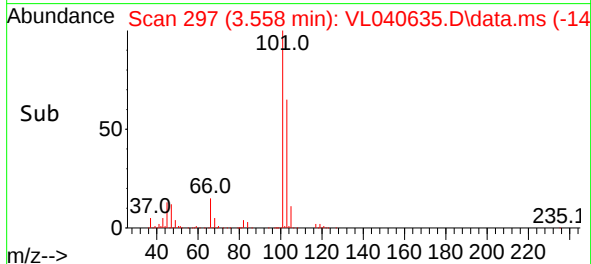
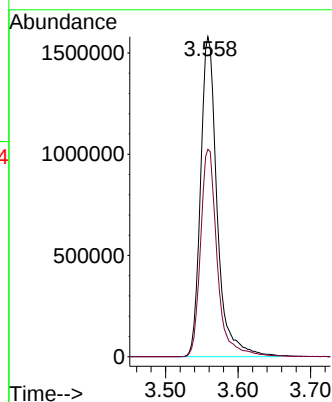
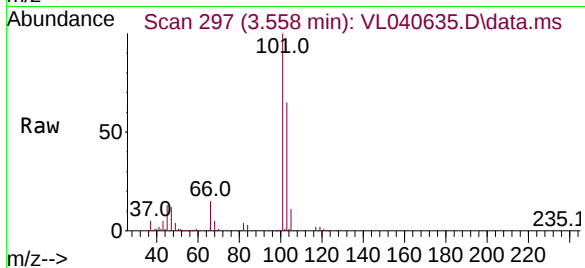




#11
 Trichlorofluoromethane
 Concen: 14.459 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

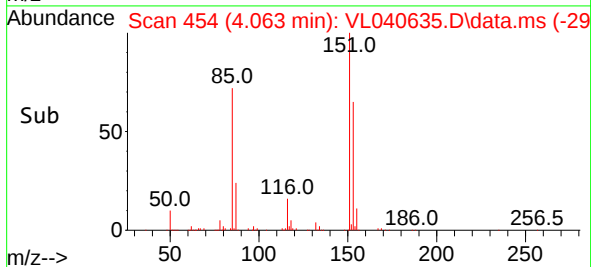
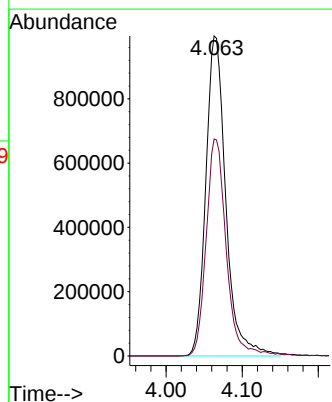
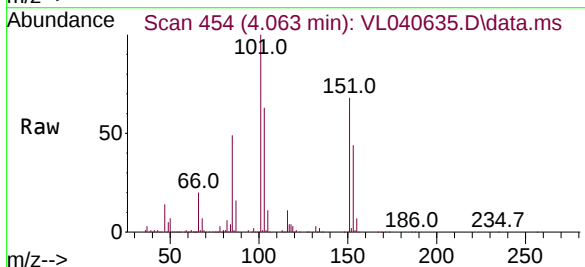
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

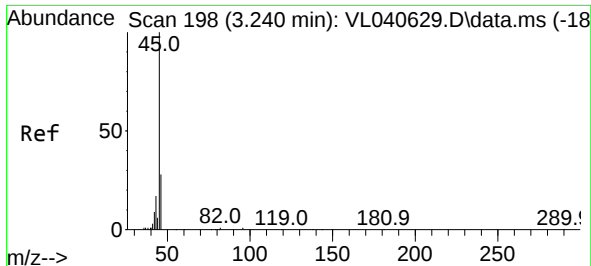
Tgt Ion:101 Resp: 2509834
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.248 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion:101 Resp: 1815147
 Ion Ratio Lower Upper
 101 100
 151 68.6 56.2 84.2

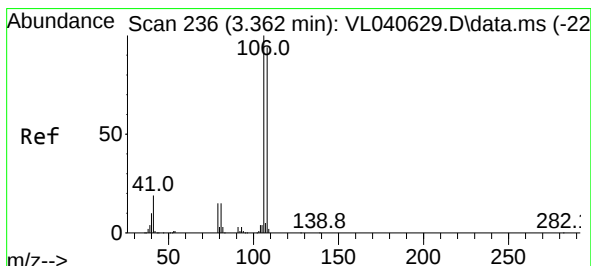
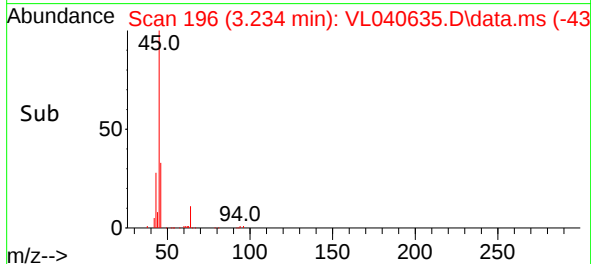
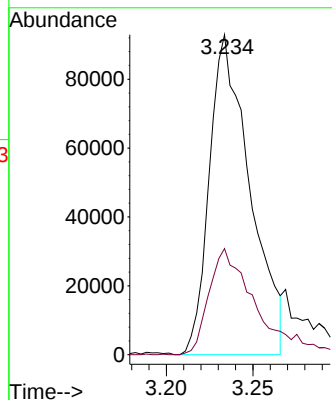
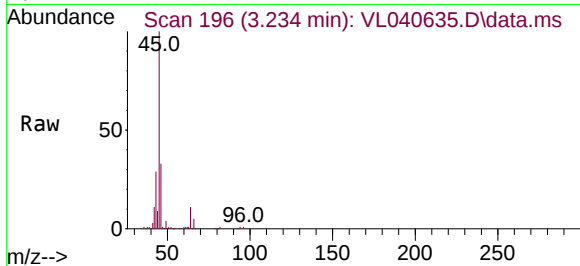




#13
Ethanol
Concen: 12.431 ppbv
RT: 3.234 min Scan# 198
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

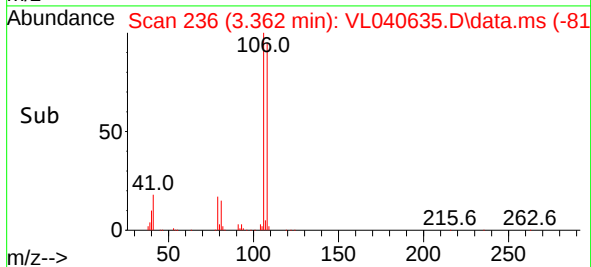
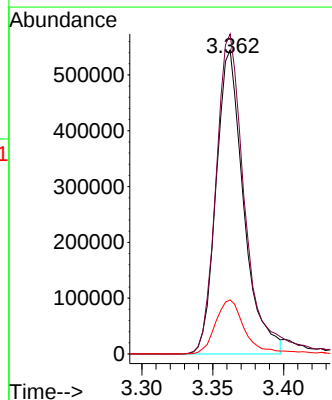
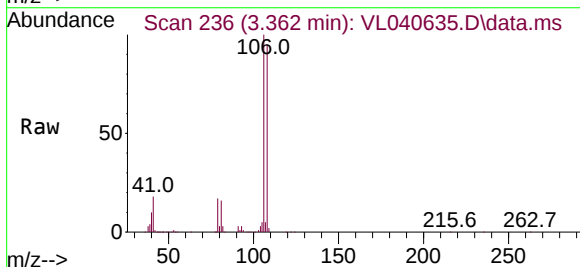
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

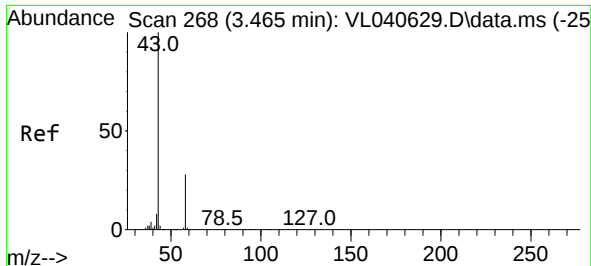
Tgt Ion: 45 Resp: 151411
Ion Ratio Lower Upper
45 100
46 40.9 14.2 56.6



#14
Bromoethene
Concen: 14.068 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion:108 Resp: 735966
Ion Ratio Lower Upper
108 100
106 112.7 87.3 130.9
79 19.8 14.4 21.6





#15

Acetone

Concen: 13.233 ppbv

RT: 3.462 min Scan# 2

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

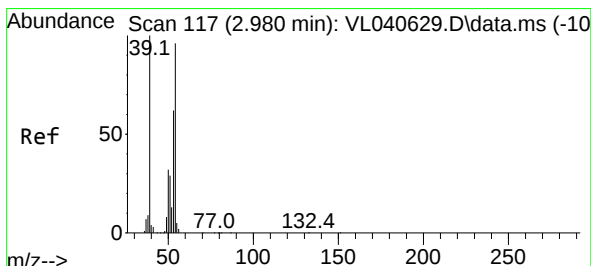
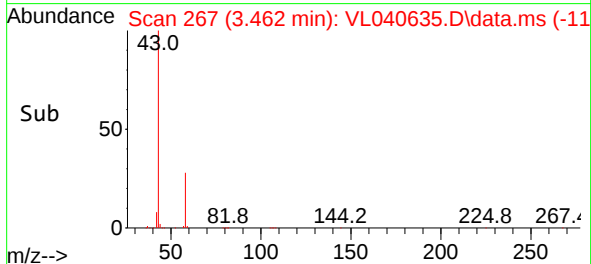
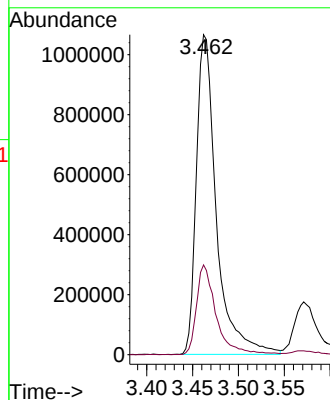
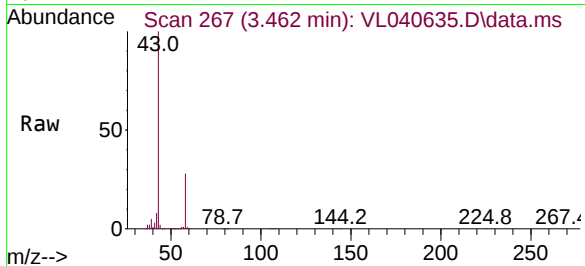
VSTDIC015

Tgt Ion: 43 Resp: 1615746

Ion Ratio Lower Upper

43 100

58 27.5 22.4 33.6



#16

1,3-Butadiene

Concen: 13.395 ppbv

RT: 2.976 min Scan# 116

Delta R.T. -0.003 min

Lab File: VL040635.D

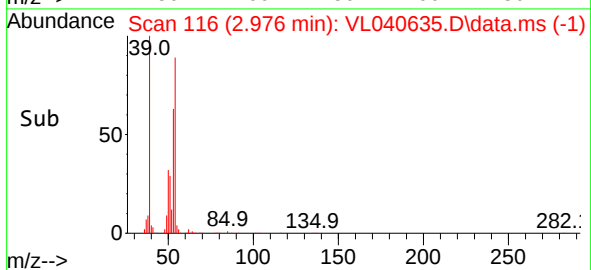
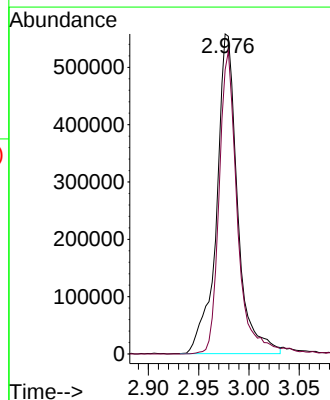
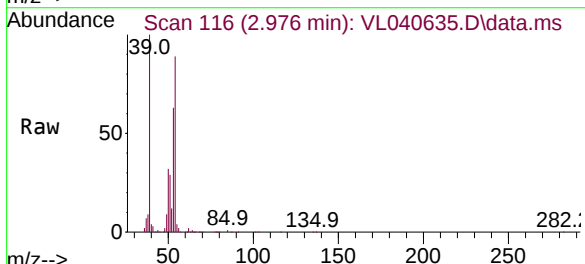
Acq: 15 Aug 2023 14:19

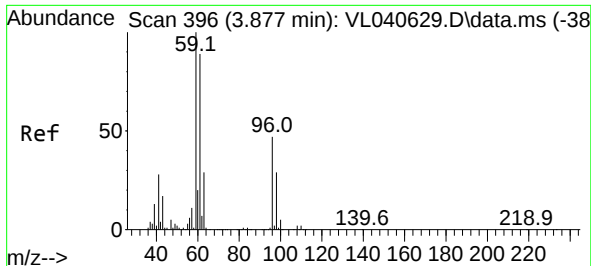
Tgt Ion: 39 Resp: 813335

Ion Ratio Lower Upper

39 100

54 83.4 66.6 99.8





#17

tert-Butyl alcohol

Concen: 14.313 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

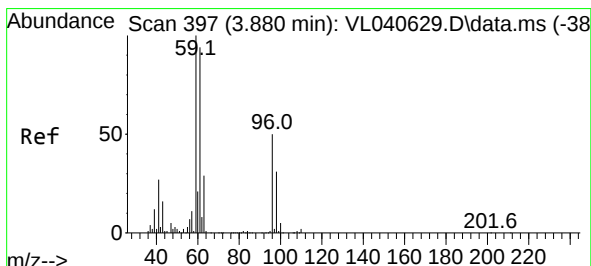
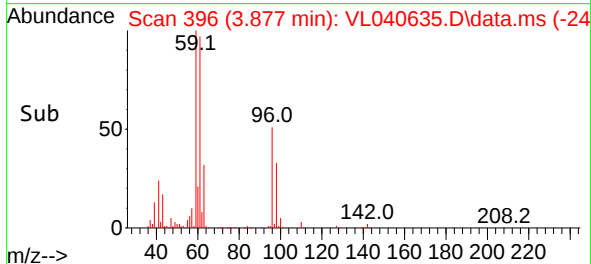
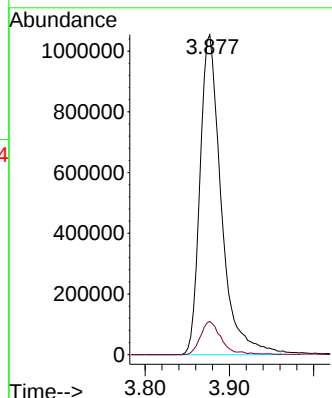
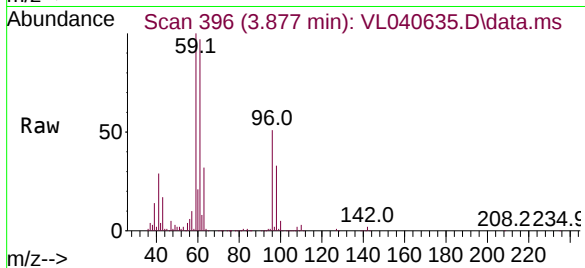
VSTDIC015

Tgt Ion: 59 Resp: 1853382

Ion Ratio Lower Upper

59 100

57 10.4 8.4 12.6



#18

1,1-Dichloroethene

Concen: 14.493 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

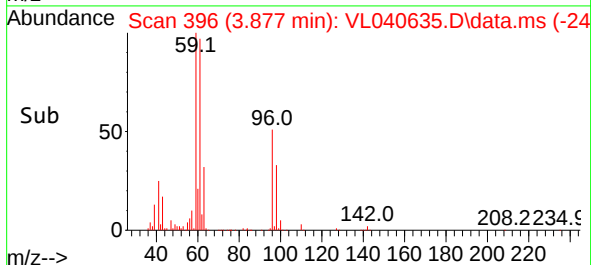
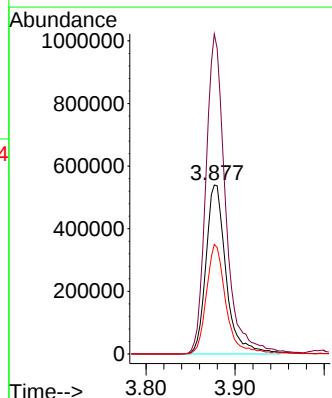
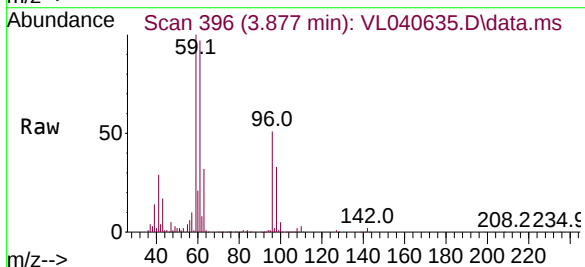
Tgt Ion: 96 Resp: 846212

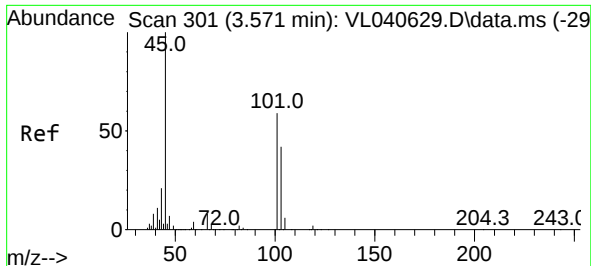
Ion Ratio Lower Upper

96 100

61 189.4 150.4 225.6

98 64.9 49.7 74.5

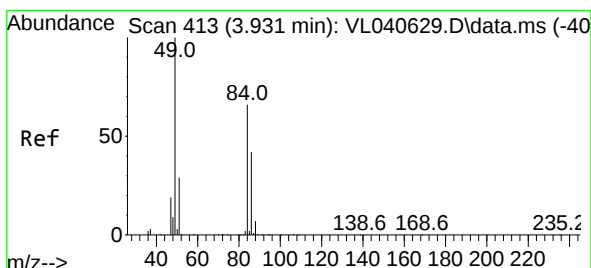
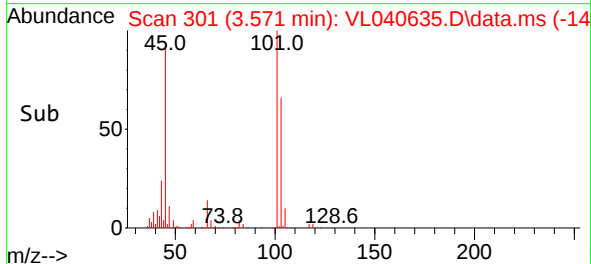
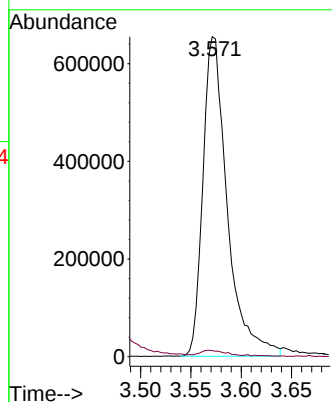
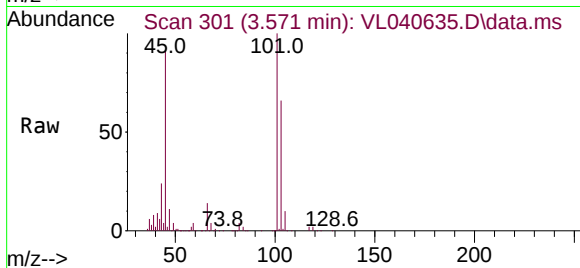




#19
Isopropyl Alcohol
Concen: 14.248 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

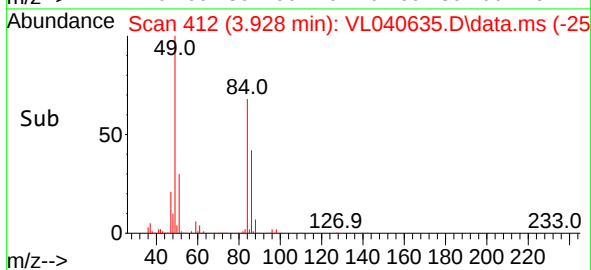
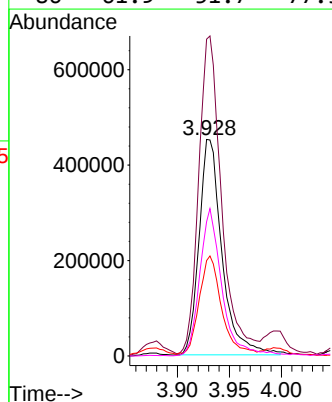
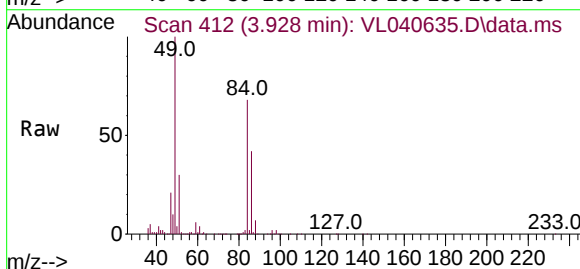
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

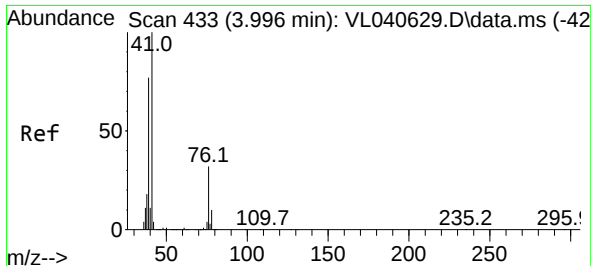
Tgt Ion: 45 Resp: 1103058
Ion Ratio Lower Upper
45 100
58 2.8 1.9 2.9



#20
Methylene Chloride
Concen: 11.672 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 84 Resp: 696417
Ion Ratio Lower Upper
84 100
49 145.7 122.1 183.1
51 42.8 35.4 53.2
86 61.9 51.7 77.5



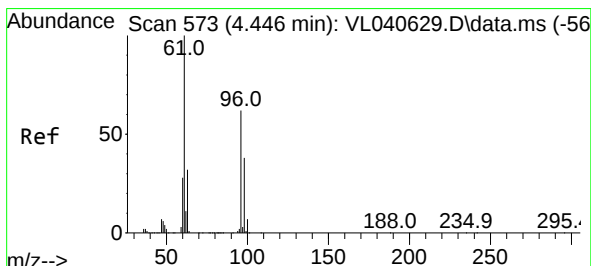
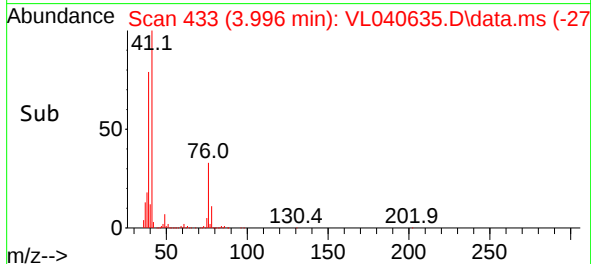
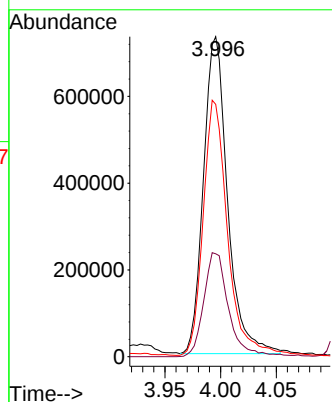
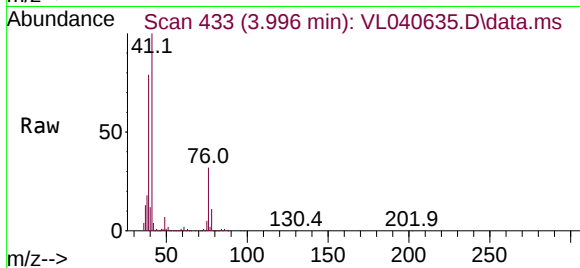


#21
 Allyl Chloride
 Concen: 13.631 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1100887

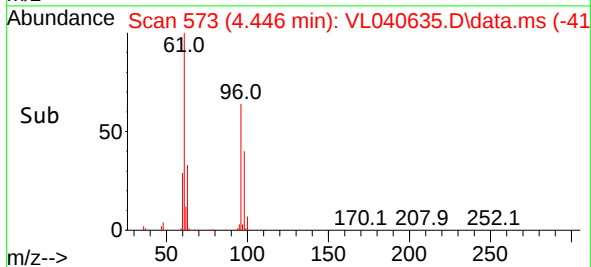
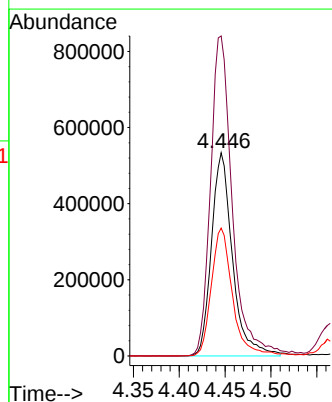
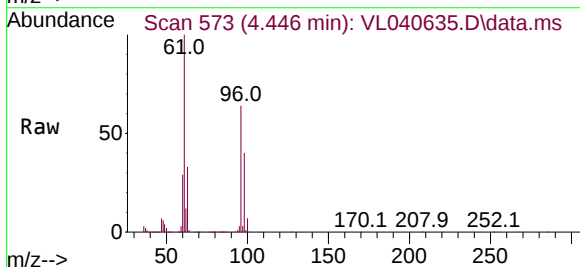
Ion	Ratio	Lower	Upper
41	100		
76	33.9	25.5	38.3
39	82.4	61.8	92.6

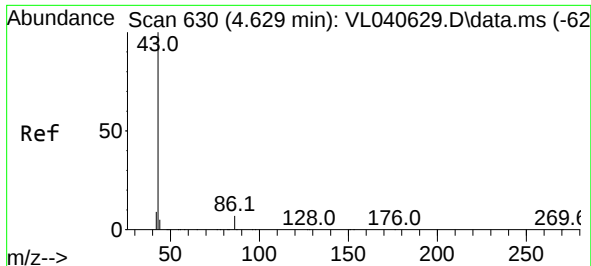


#22
 trans-1,2-Dichloroethene
 Concen: 14.835 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion: 96 Resp: 850298

Ion	Ratio	Lower	Upper
96	100		
61	157.3	128.1	192.1
98	62.9	48.1	72.1



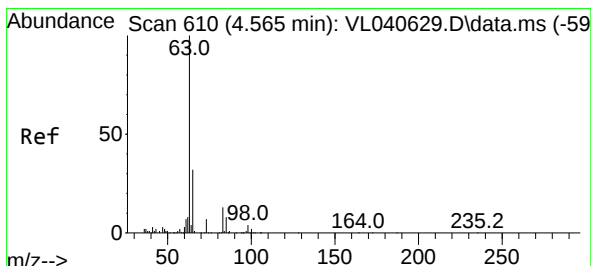
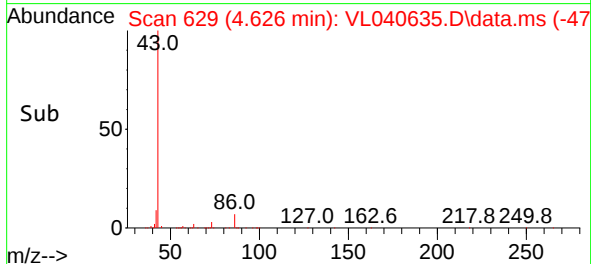
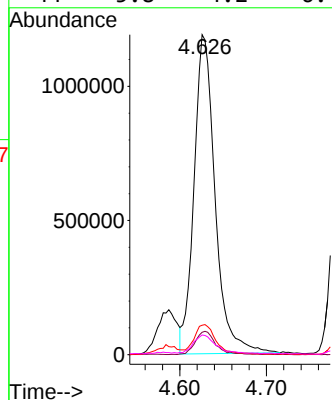
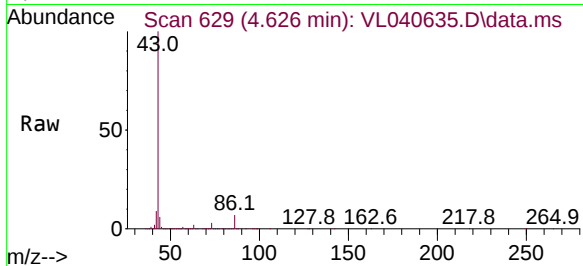


#23
 Vinyl Acetate
 Concen: 15.060 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 2009382

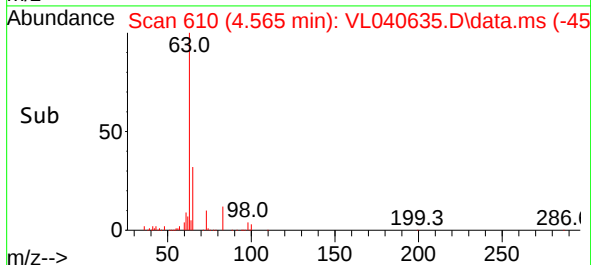
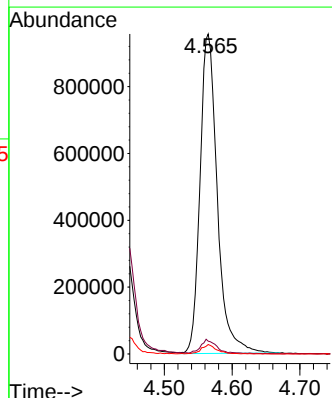
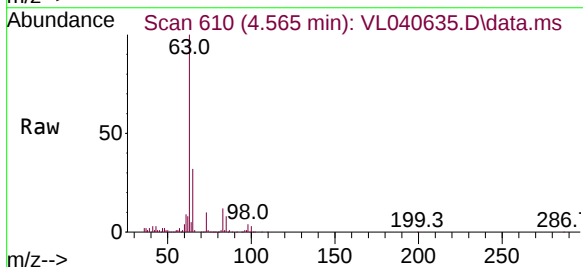
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.0	7.6
42	9.1	7.8	11.8
44	5.8	4.2	6.4

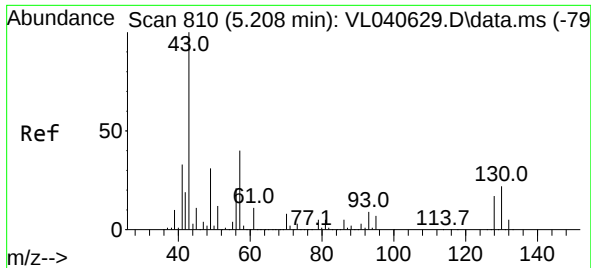


#24
 1,1-Dichloroethane
 Concen: 14.237 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion: 63 Resp: 1693926

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	6.0
100	2.9	1.1	3.3



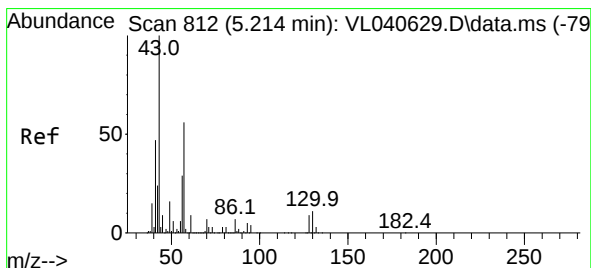
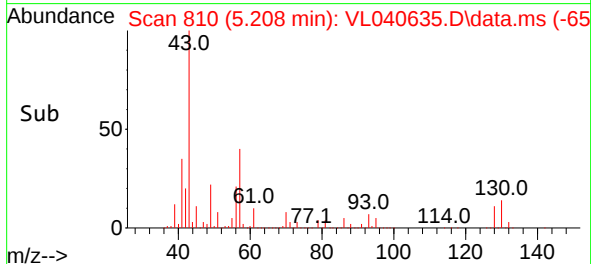
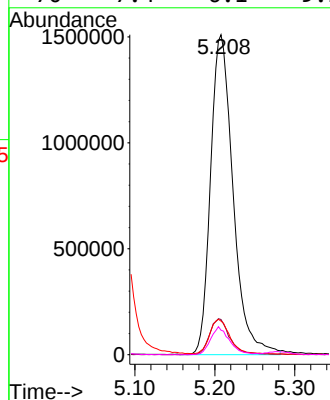
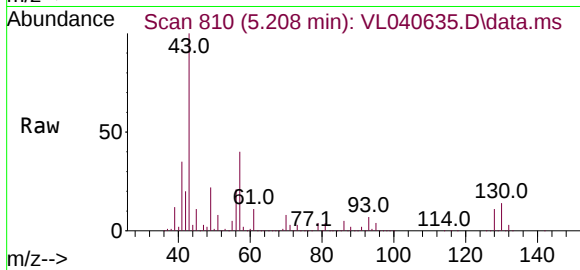


#25
Ethyl Acetate
Concen: 12.871 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 2951326

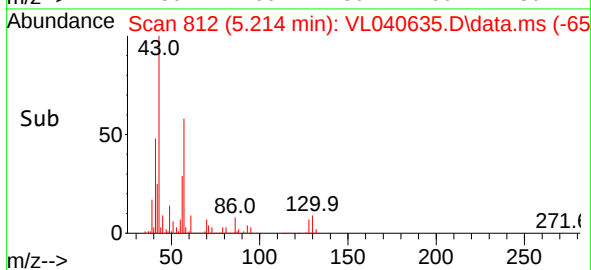
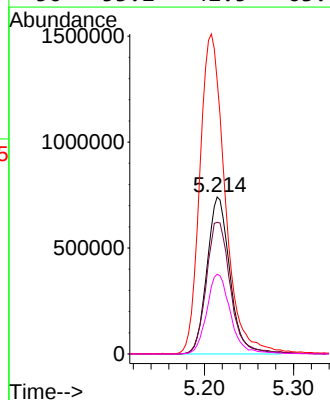
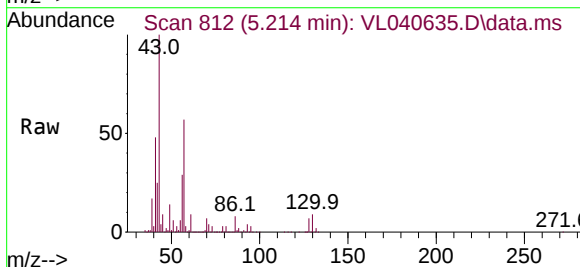
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.5	8.3	12.5
70	7.4	6.1	9.1

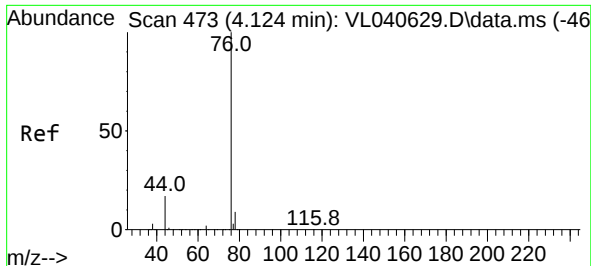


#26
Hexane
Concen: 11.875 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 57 Resp: 1317489

Ion	Ratio	Lower	Upper
57	100		
41	90.2	69.3	103.9
43	225.8	177.9	266.9
56	53.2	42.5	63.7

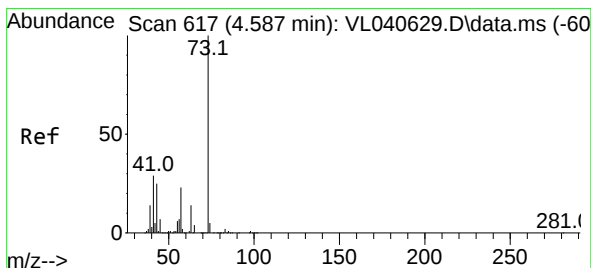
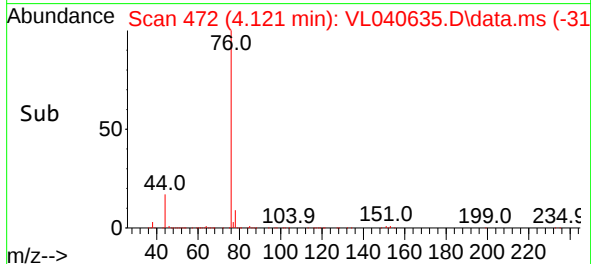
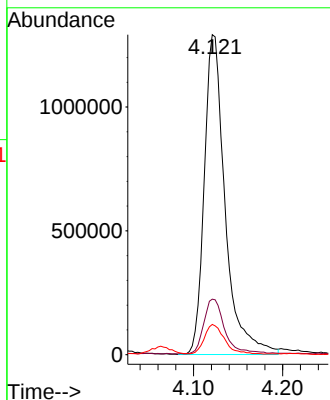
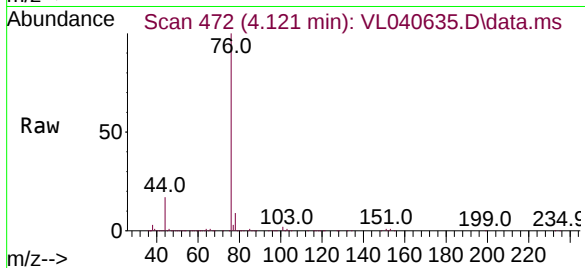




#27
Carbon Disulfide
Concen: 15.905 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

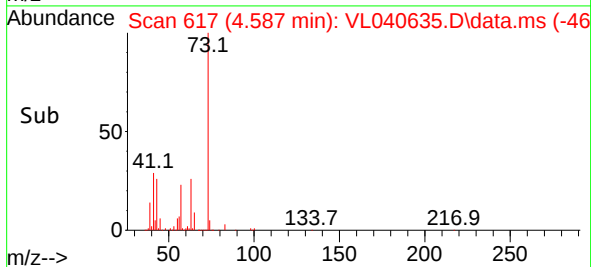
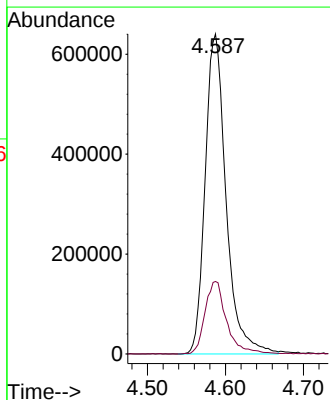
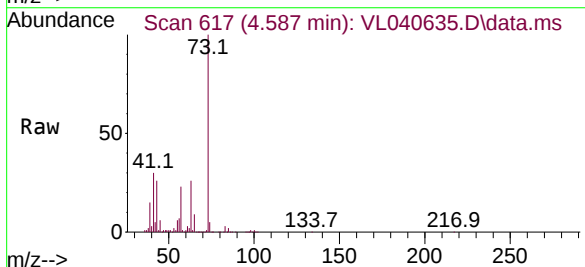
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

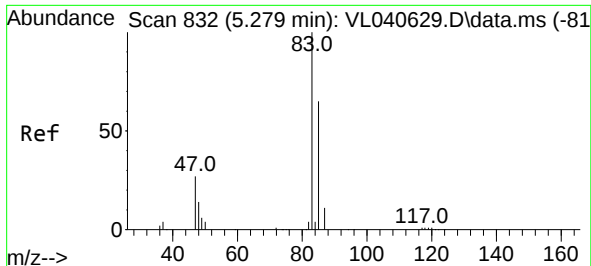
Tgt Ion: 76 Resp: 2100853
Ion Ratio Lower Upper
76 100
44 17.3 14.3 21.5
78 9.5 7.4 11.0



#28
Methyl tert-Butyl Ether
Concen: 13.920 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 73 Resp: 1193941
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29

Chloroform

Concen: 13.167 ppbv

RT: 5.278 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

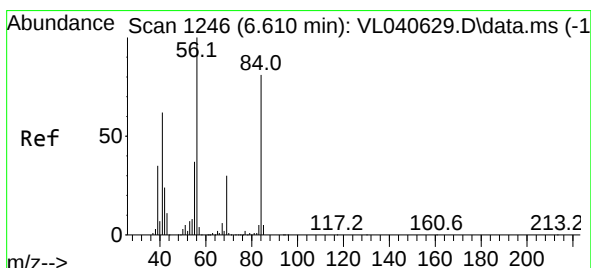
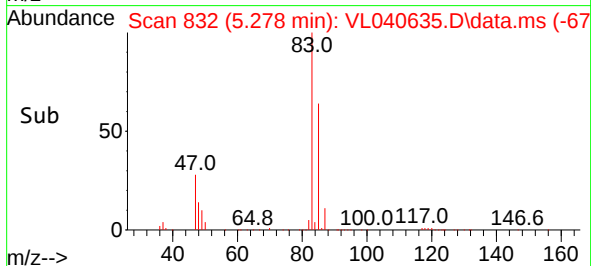
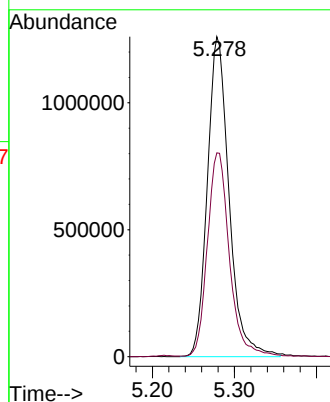
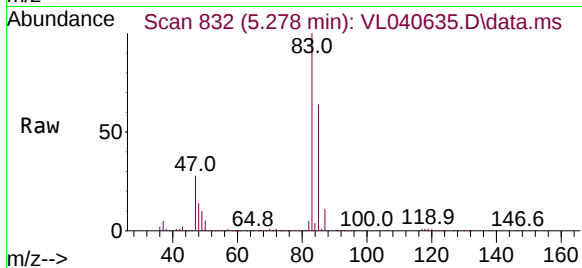
VSTDIC015

Tgt Ion: 83 Resp: 2312232

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.2



#30

Cyclohexane

Concen: 13.625 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

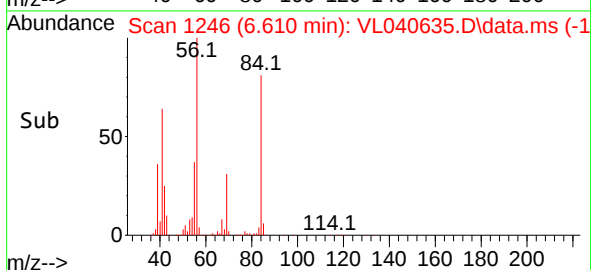
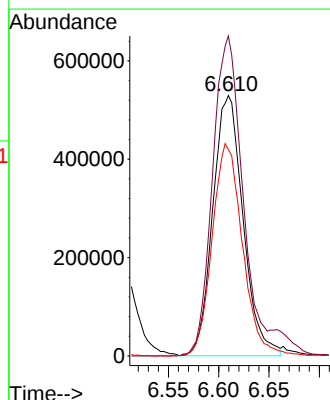
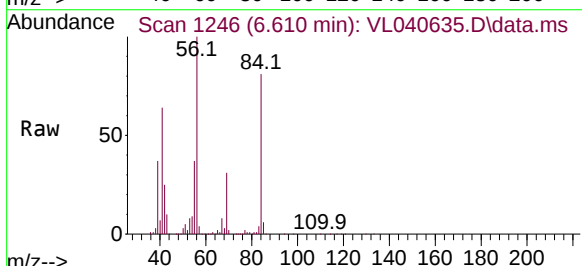
Tgt Ion: 84 Resp: 1108019

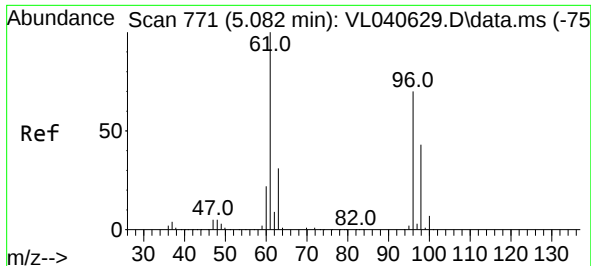
Ion Ratio Lower Upper

84 100

56 128.2 105.4 158.2

41 82.0 64.2 96.2

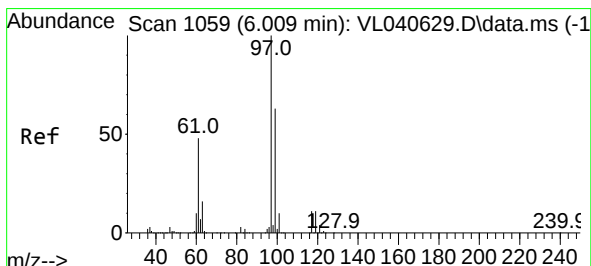
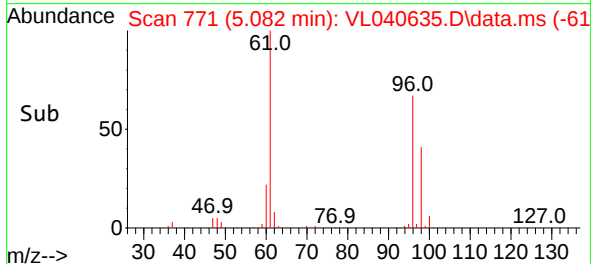
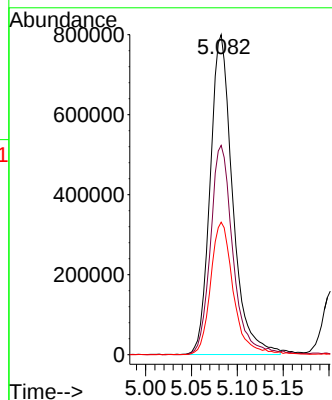
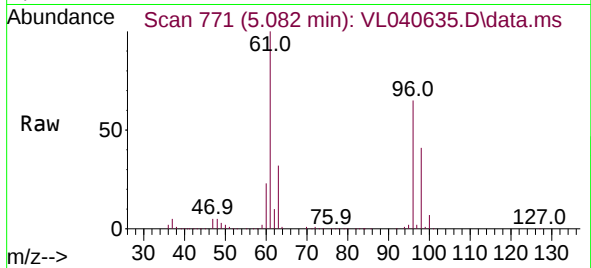




#31
 cis-1,2-Dichloroethene
 Concen: 13.618 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

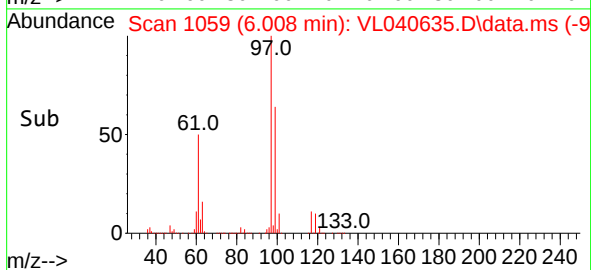
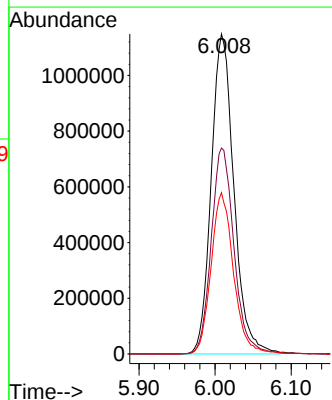
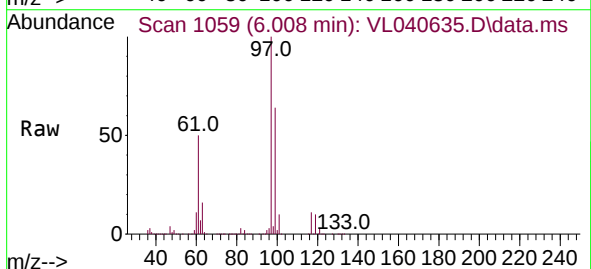
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 61 Resp: 1363539
 Ion Ratio Lower Upper
 61 100
 96 65.4 55.8 83.6
 98 41.4 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 14.096 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion: 97 Resp: 2375313
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.2 76.8
 61 50.3 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

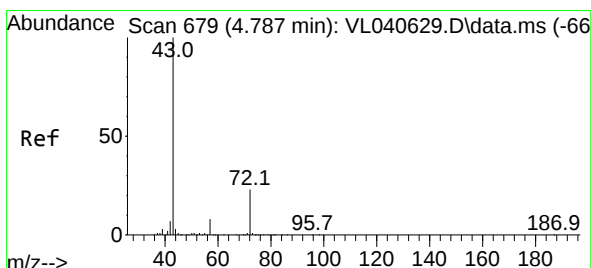
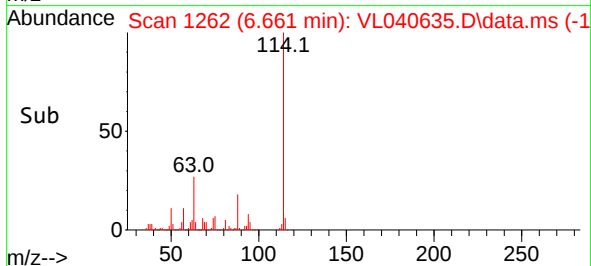
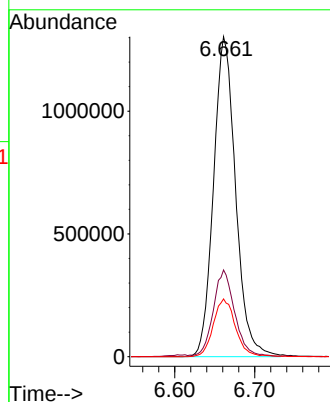
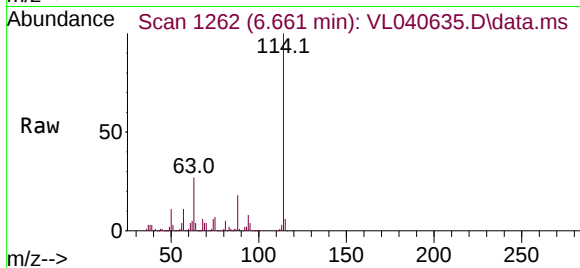
Tgt Ion:114 Resp: 2495181

Ion Ratio Lower Upper

114 100

63 27.1 20.2 30.2

88 18.2 14.1 21.1



#34

2-Butanone

Concen: 14.030 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.000 min

Lab File: VL040635.D

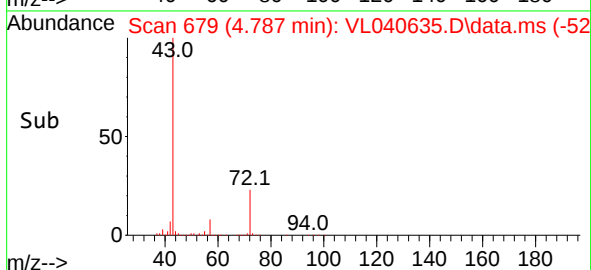
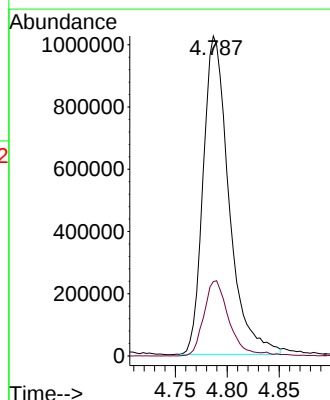
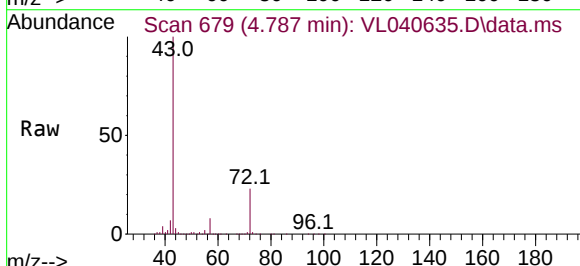
Acq: 15 Aug 2023 14:19

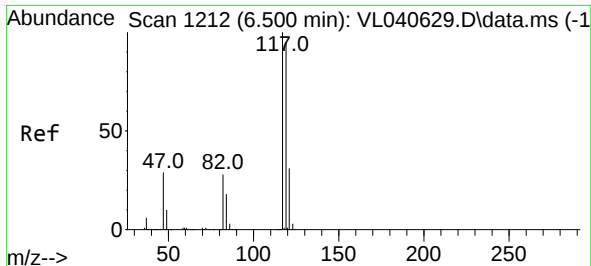
Tgt Ion: 43 Resp: 1765361

Ion Ratio Lower Upper

43 100

72 23.4 19.2 28.8

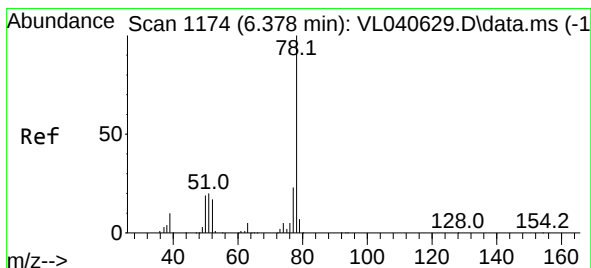
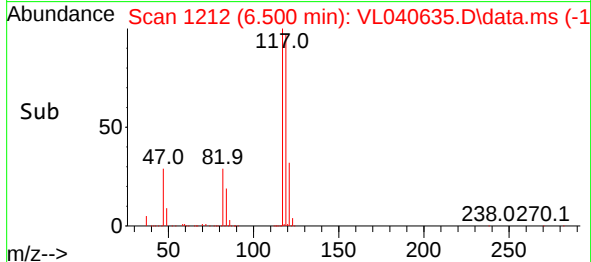
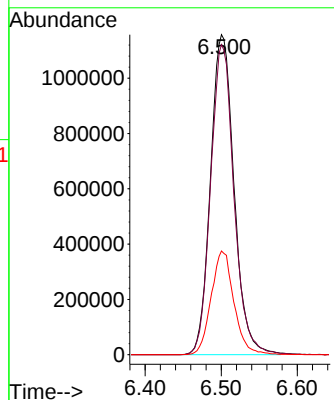
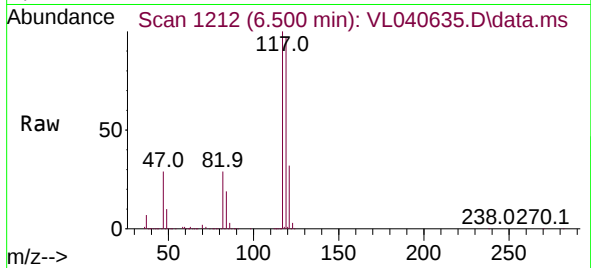




#35
Carbon Tetrachloride
Concen: 15.917 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

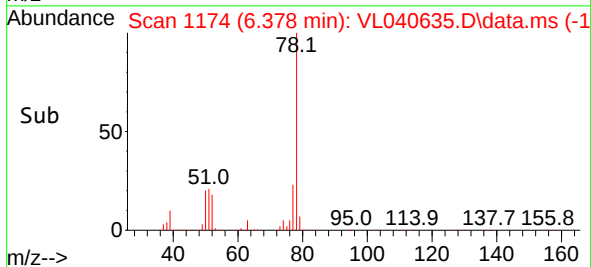
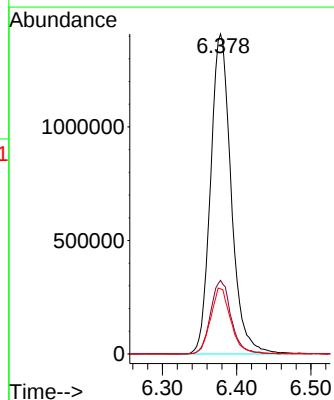
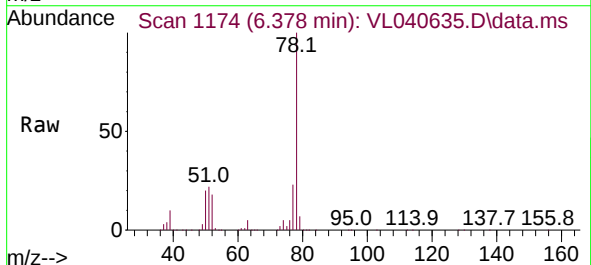
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

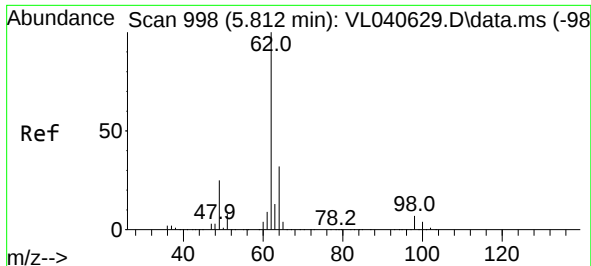
Tgt Ion:117 Resp: 2490130
Ion Ratio Lower Upper
117 100
119 96.9 75.6 113.4
121 32.4 24.9 37.3



#36
Benzene
Concen: 13.658 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 78 Resp: 2711289
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2
50 20.3 15.0 22.6





#37

1,2-Dichloroethane

Concen: 15.171 ppbv

RT: 5.812 min Scan# 998

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

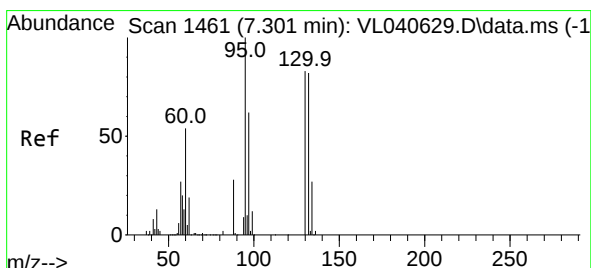
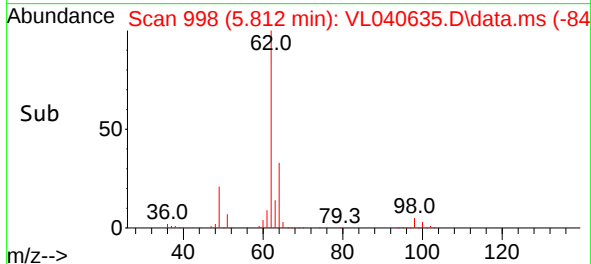
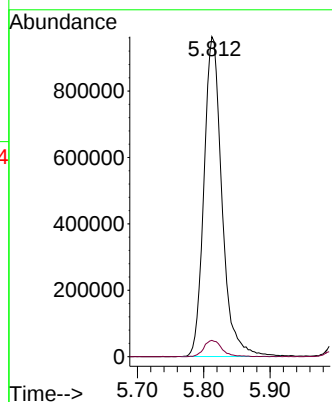
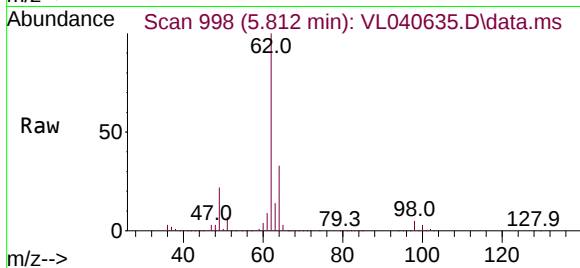
VSTDIC015

Tgt Ion: 62 Resp: 1816202

Ion Ratio Lower Upper

62 100

98 5.2 4.9 7.3



#38

Trichloroethene

Concen: 14.845 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Tgt Ion:130 Resp: 1145936

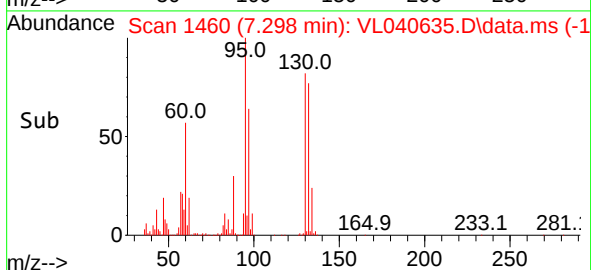
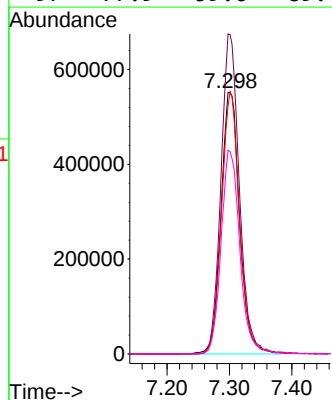
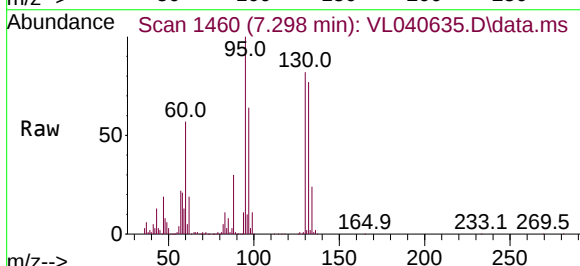
Ion Ratio Lower Upper

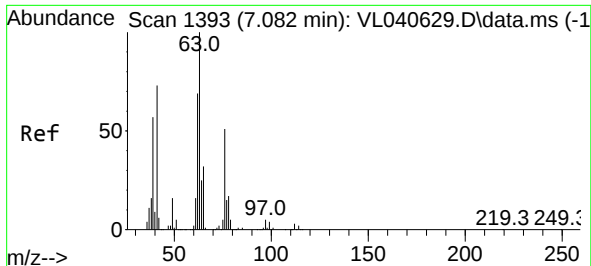
130 100

95 122.4 95.9 143.9

132 94.8 79.0 118.4

97 77.9 59.6 89.4





#39

1,2-Dichloropropane

Concen: 13.994 ppbv

RT: 7.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

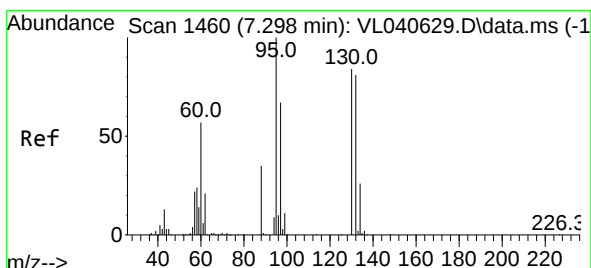
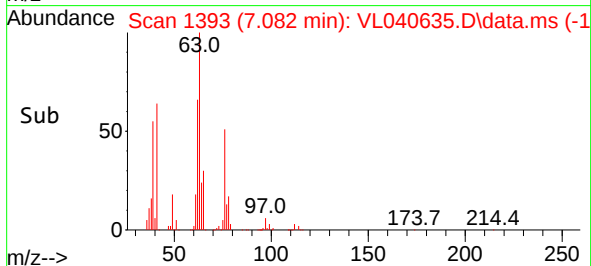
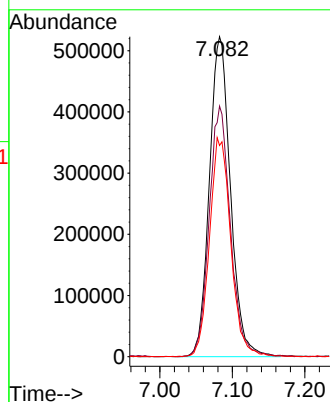
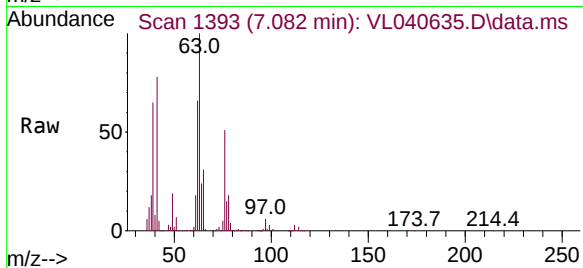
Tgt Ion: 63 Resp: 1056863

Ion Ratio Lower Upper

63 100

41 78.3 58.2 87.2

62 65.9 55.0 82.4



#40

1,4-Dioxane

Concen: 16.434 ppbv

RT: 7.294 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Tgt Ion: 88 Resp: 465963

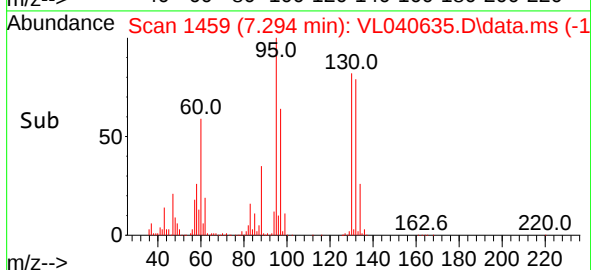
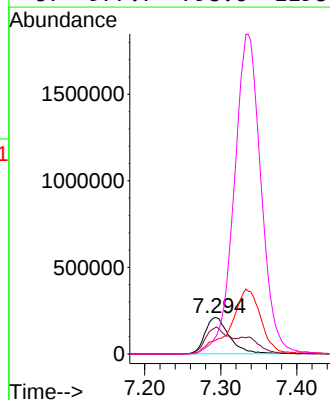
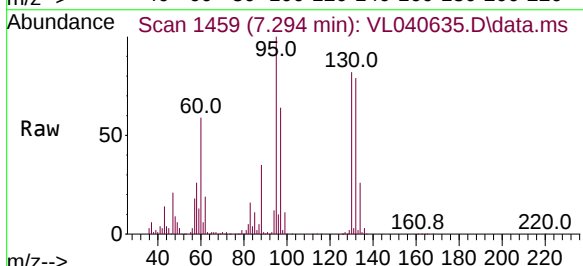
Ion Ratio Lower Upper

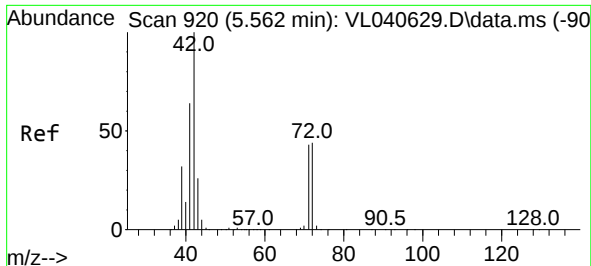
88 100

58 113.8 92.8 139.2

43 227.8 179.1 268.7

57 977.7 798.6 1198.0





#41

Tetrahydrofuran

Concen: 13.982 ppbv

RT: 5.558 min Scan# 919

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

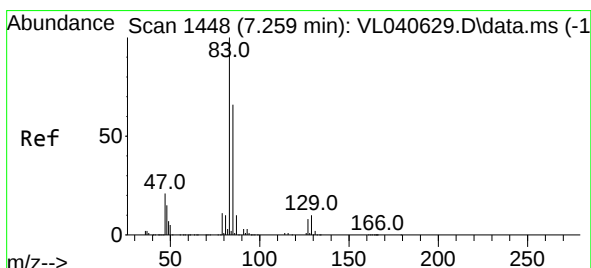
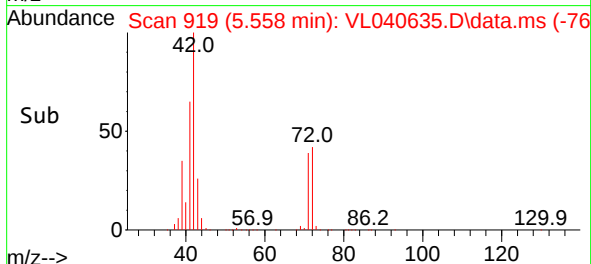
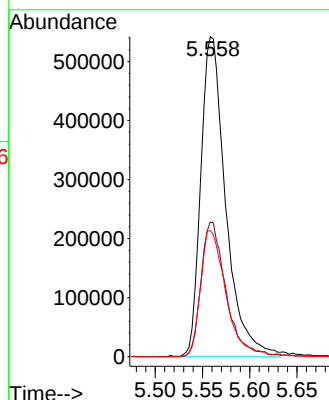
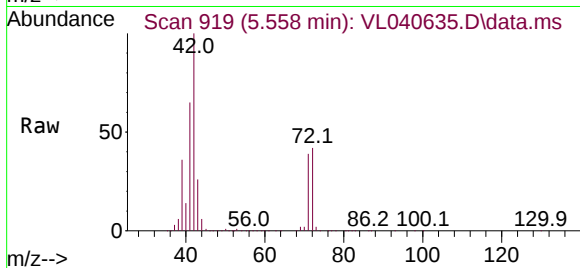
Tgt Ion: 42 Resp: 990095

Ion Ratio Lower Upper

42 100

72 42.7 34.2 51.4

71 40.8 33.4 50.0



#42

Bromodichloromethane

Concen: 15.640 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

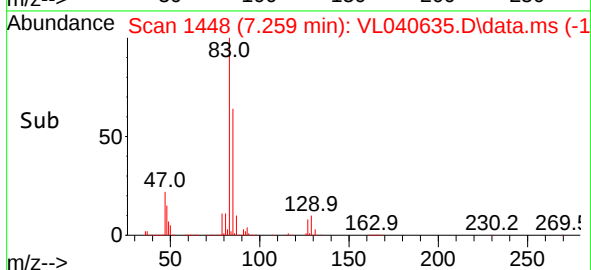
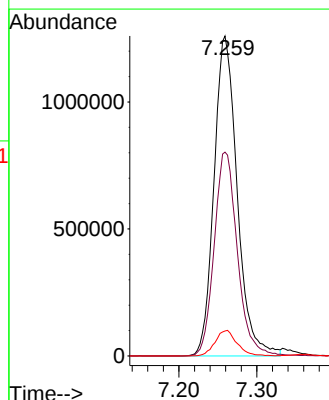
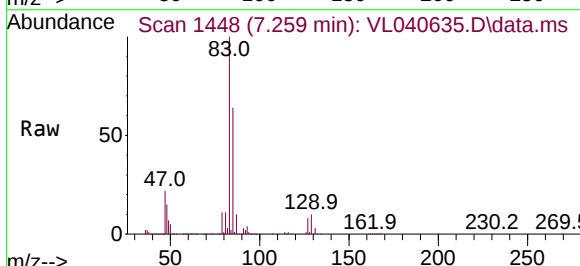
Tgt Ion: 83 Resp: 2606229

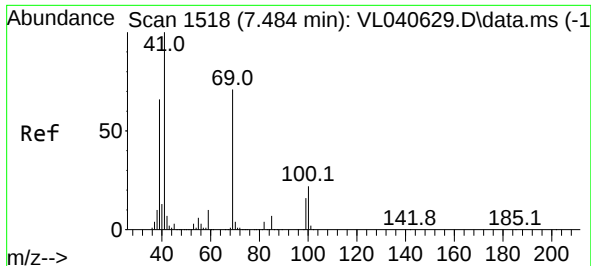
Ion Ratio Lower Upper

83 100

85 63.7 52.5 78.7

127 7.8 6.1 9.1

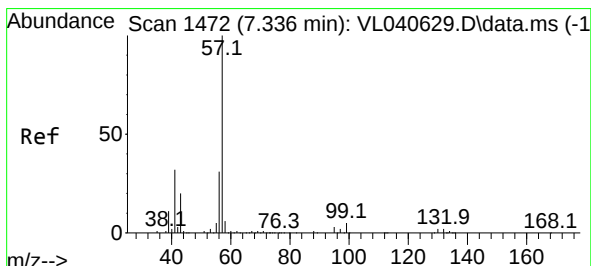
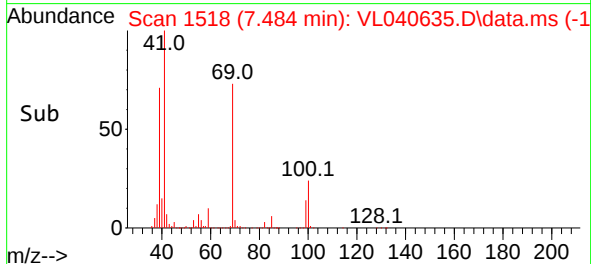
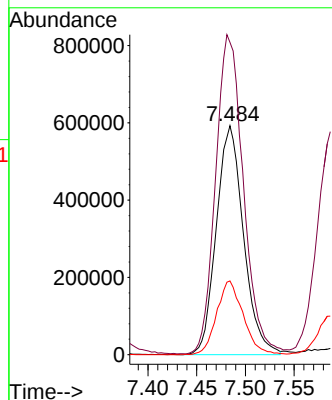
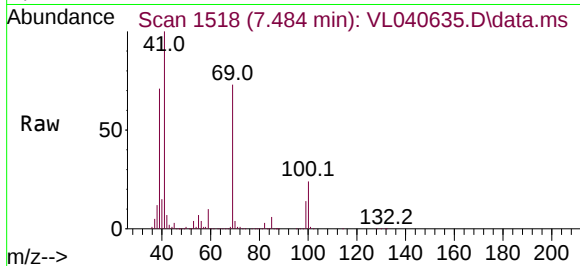




#43
Methyl Methacrylate
Concen: 15.506 ppbv
RT: 7.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

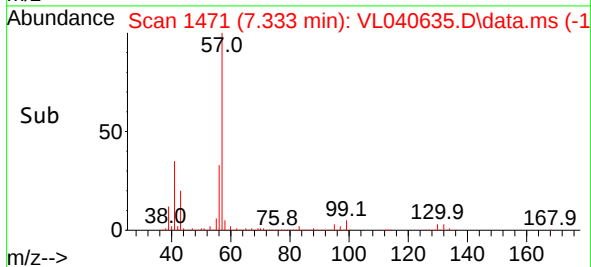
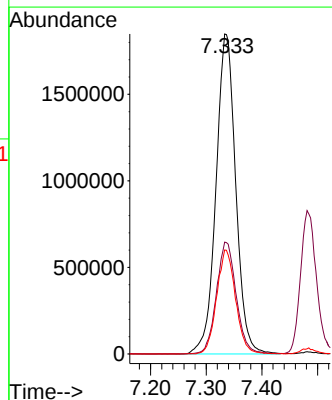
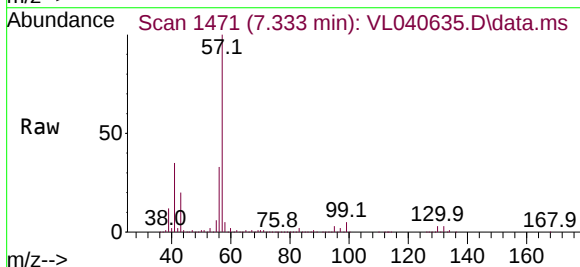
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

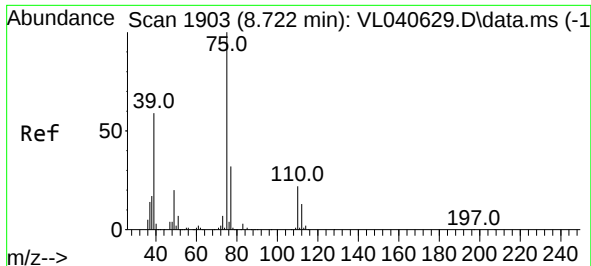
Tgt Ion: 69 Resp: 1151959
Ion Ratio Lower Upper
69 100
41 143.0 111.8 167.8
100 31.5 25.8 38.6



#44
2,2,4-Trimethylpentane
Concen: 14.190 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 57 Resp: 4552813
Ion Ratio Lower Upper
57 100
41 35.1 26.2 39.4
56 31.3 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 18.273 ppbv

RT: 8.722 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

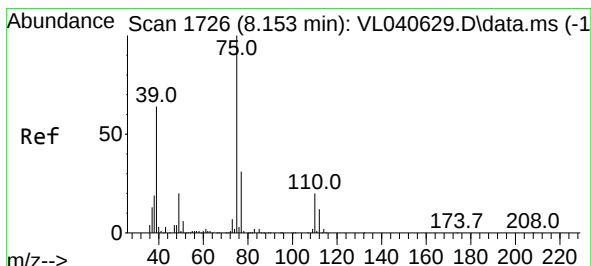
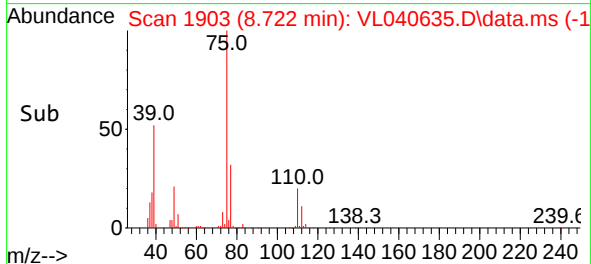
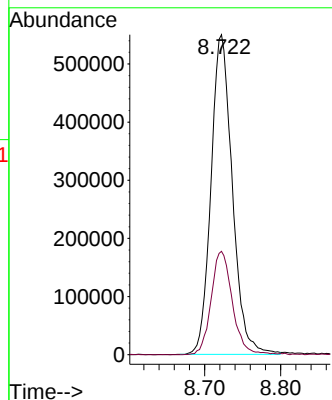
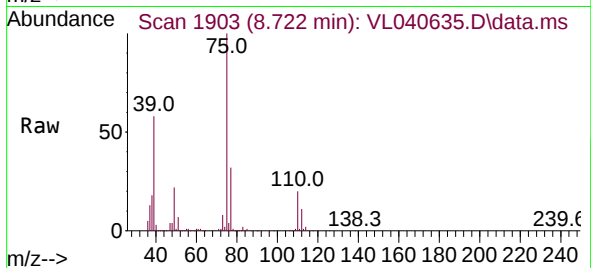
VSTDIC015

Tgt Ion: 75 Resp: 1070496

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 16.725 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

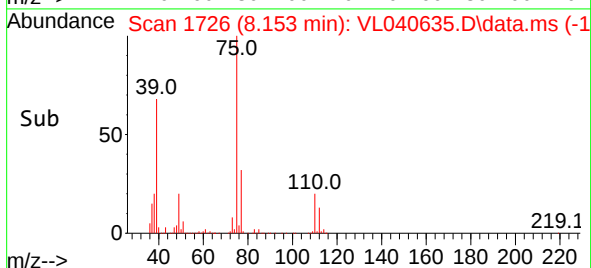
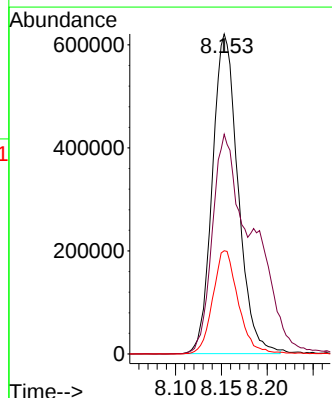
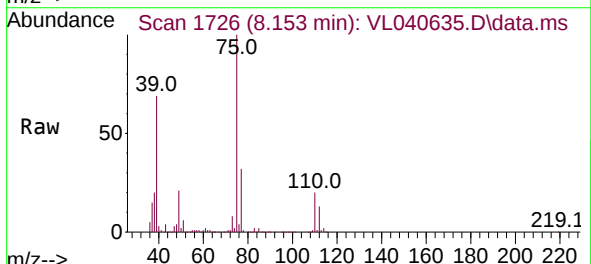
Tgt Ion: 75 Resp: 1207095

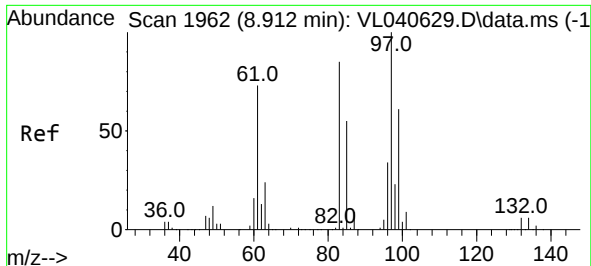
Ion Ratio Lower Upper

75 100

39 68.6 51.0 76.4

77 32.3 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 14.194 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1211570

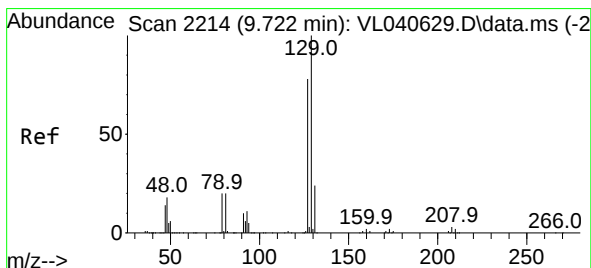
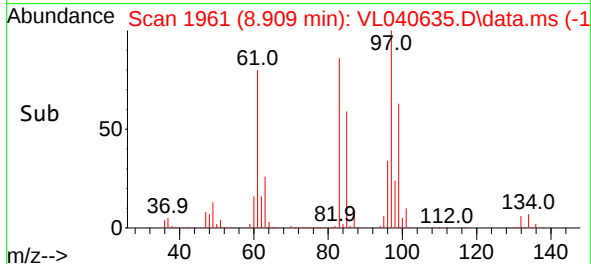
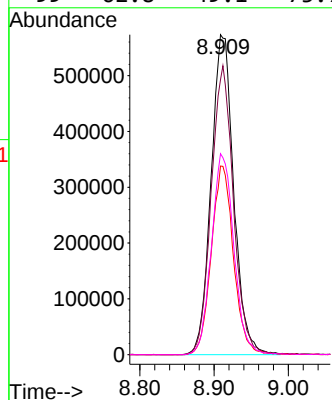
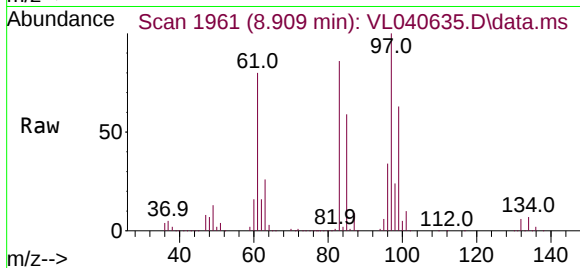
Ion Ratio Lower Upper

97 100

83 85.9 67.8 101.8

85 59.0 44.0 66.0

99 62.8 49.1 73.7



#48

Dibromochloromethane

Concen: 16.292 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.003 min

Lab File: VL040635.D

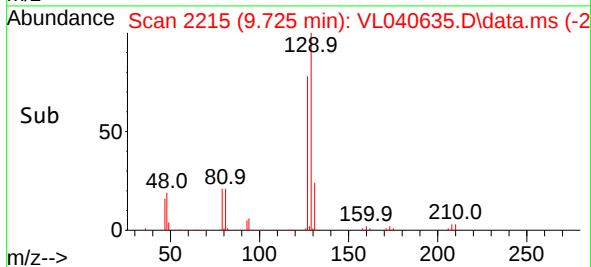
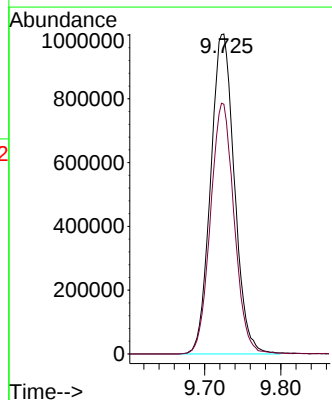
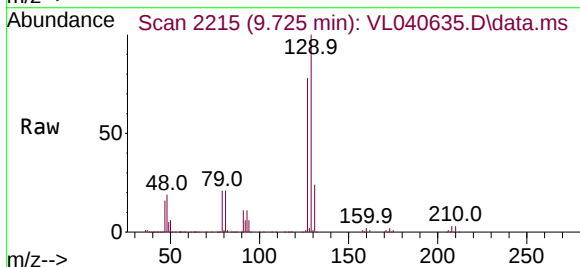
Acq: 15 Aug 2023 14:19

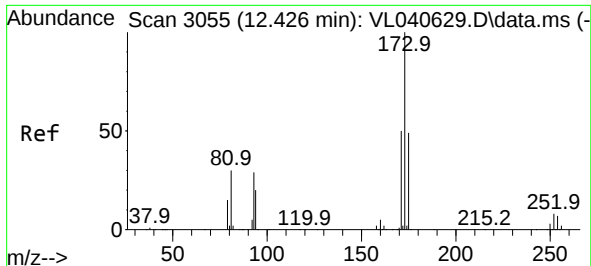
Tgt Ion:129 Resp: 2176412

Ion Ratio Lower Upper

129 100

127 78.2 38.9 116.7

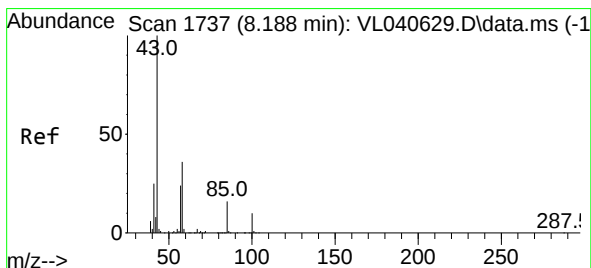
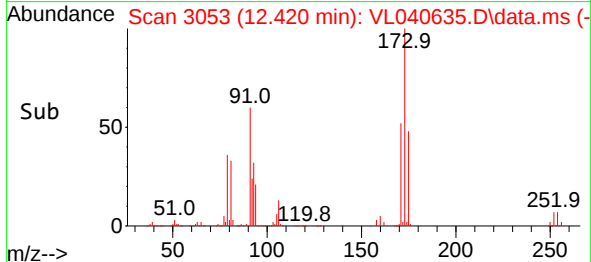
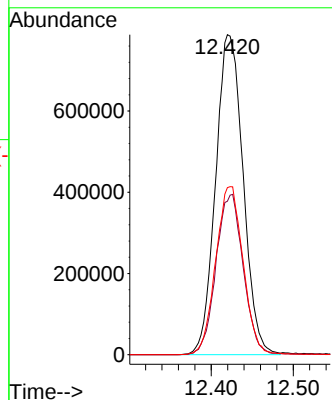
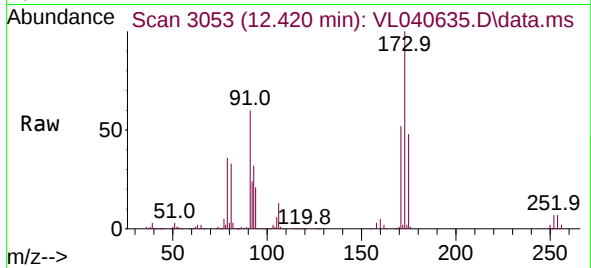




#49
Bromoform
Concen: 17.179 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

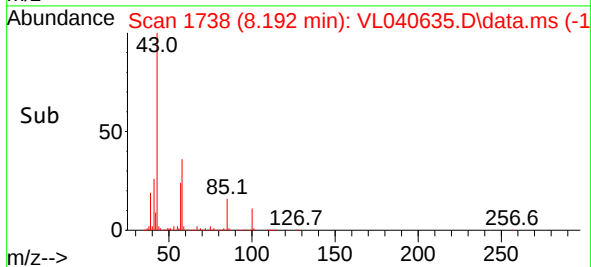
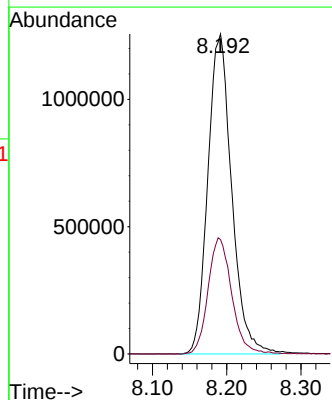
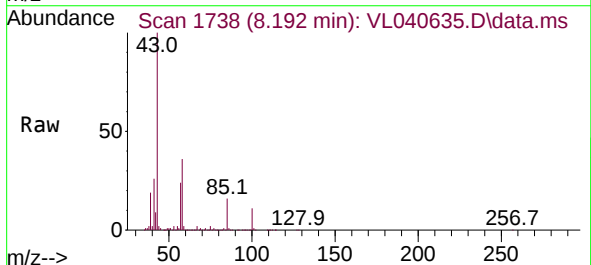
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:173 Resp: 1833578
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.6
171 52.4 41.9 62.9



#50
4-Methyl-2-Pentanone
Concen: 15.191 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 43 Resp: 2796759
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8

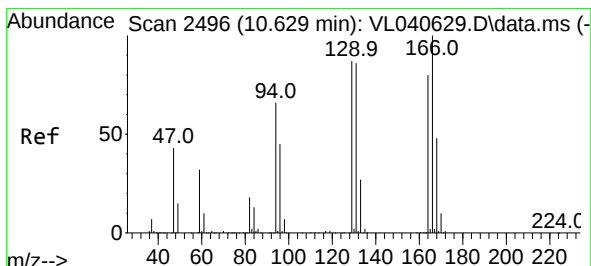
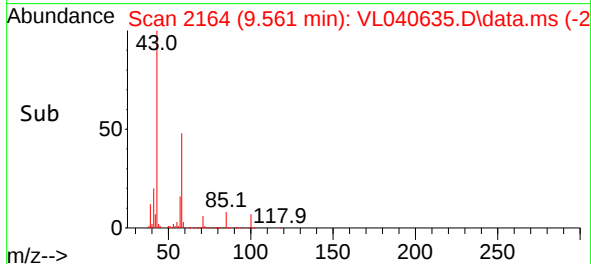
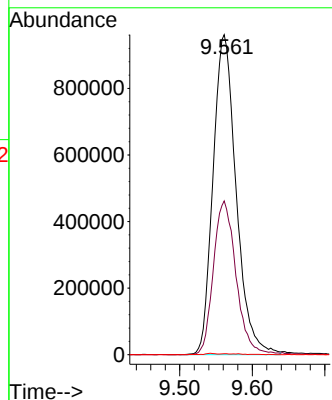
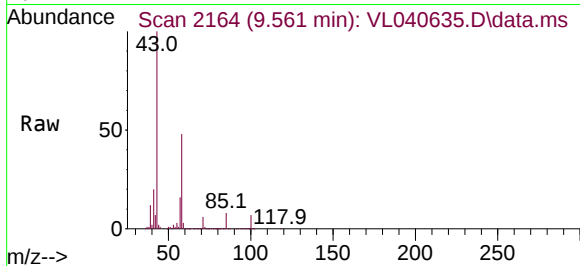




#51
2-Hexanone
Concen: 16.488 ppbv
RT: 9.561 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

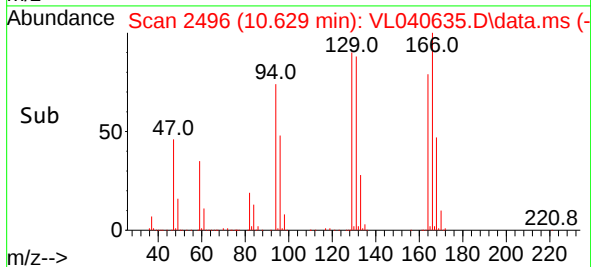
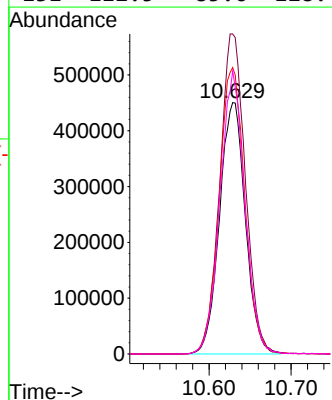
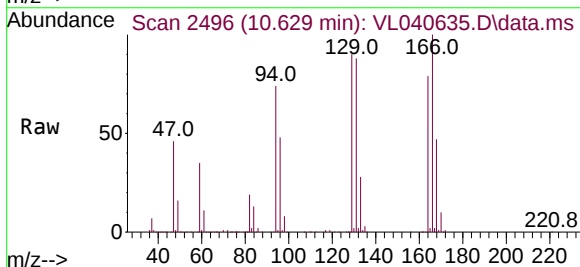
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

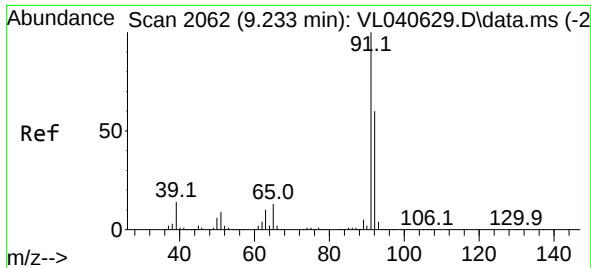
Tgt Ion: 43 Resp: 2128311
Ion Ratio Lower Upper
43 100
58 47.4 39.4 59.2
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 15.836 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 164 Resp: 984396
Ion Ratio Lower Upper
164 100
166 127.3 99.5 149.3
129 114.0 86.9 130.3
131 112.5 85.6 128.4

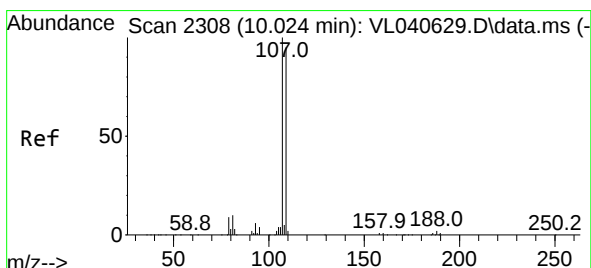
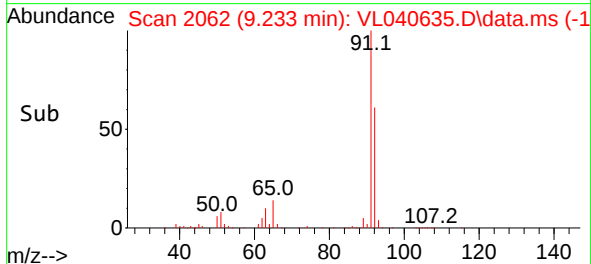
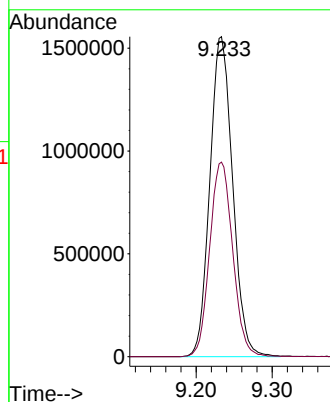
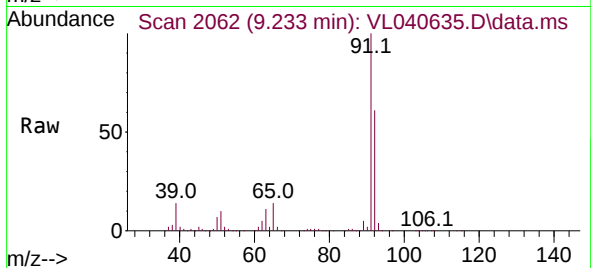




#53
Toluene
Concen: 15.330 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

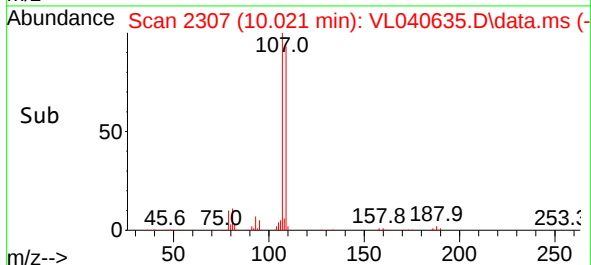
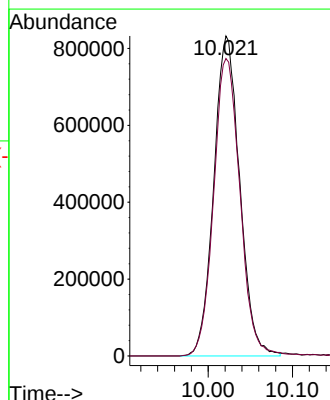
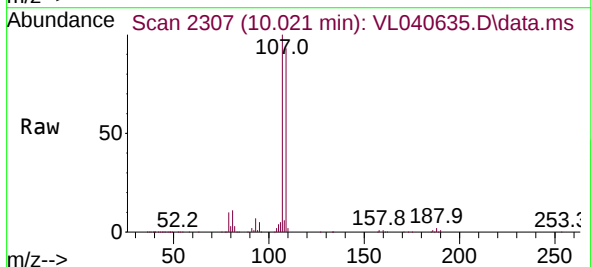
Instrument : MSVOA_L
ClientSampleId : VSTDIC015

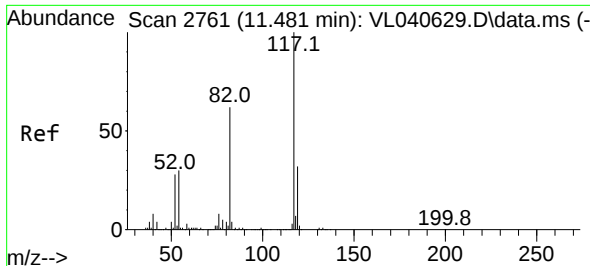
Tgt Ion: 91 Resp: 3233825
Ion Ratio Lower Upper
91 100
92 61.5 48.0 72.0



#54
1,2-Dibromoethane
Concen: 17.350 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 107 Resp: 1777408
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

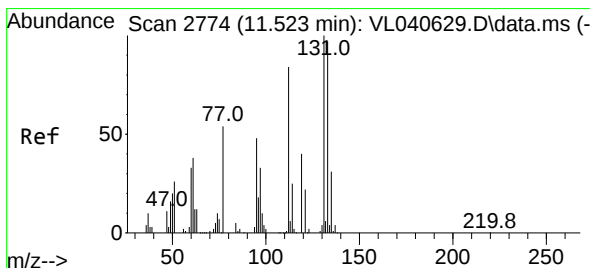
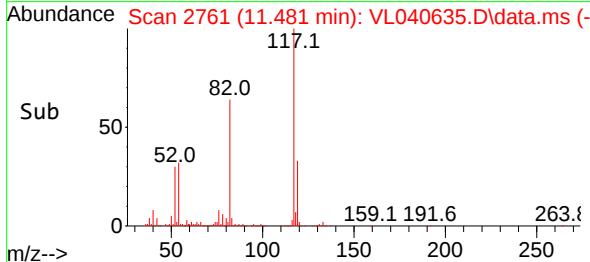
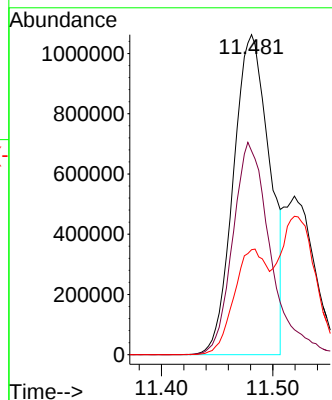
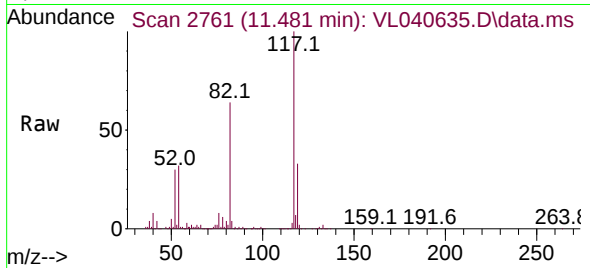




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

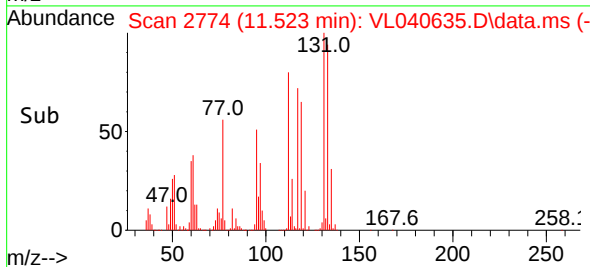
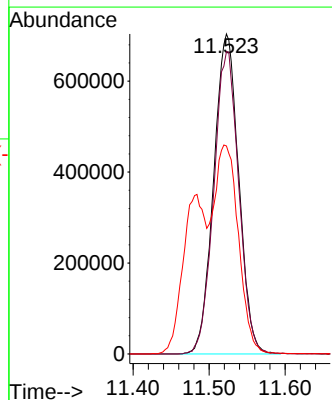
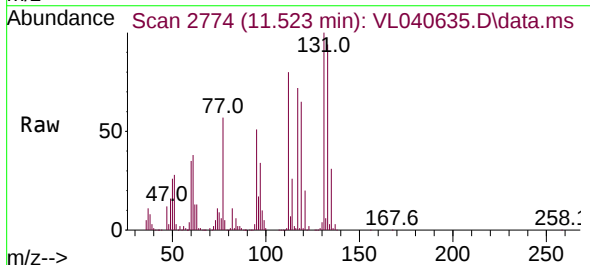
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

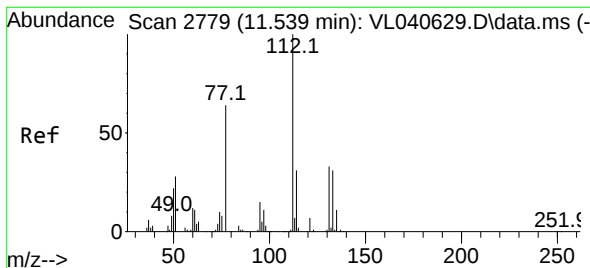
Tgt Ion:117 Resp: 2398333
Ion Ratio Lower Upper
117 100
82 69.7 49.5 74.3
119 32.2 24.5 36.7



#56
1,1,1,2-Tetrachloroethane
Concen: 14.448 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion:131 Resp: 1604694
Ion Ratio Lower Upper
131 100
133 94.7 75.4 113.0
119 70.1 51.0 76.6

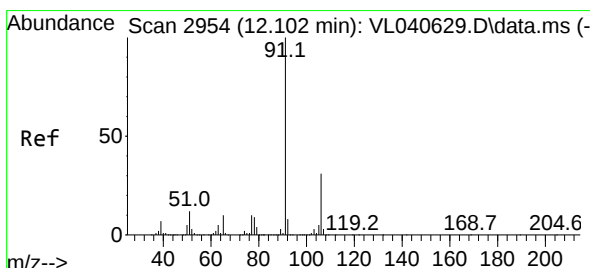
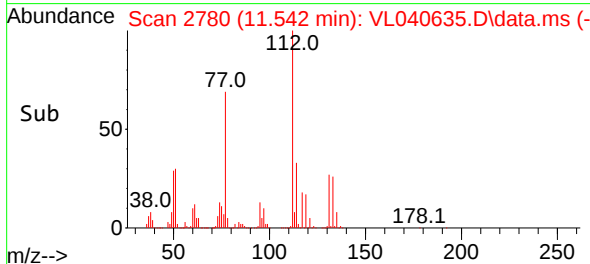
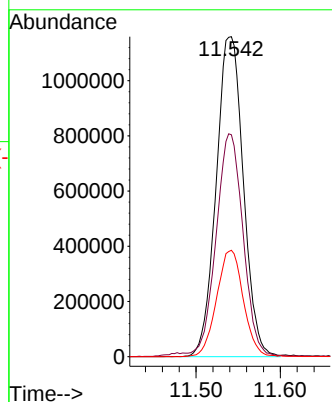
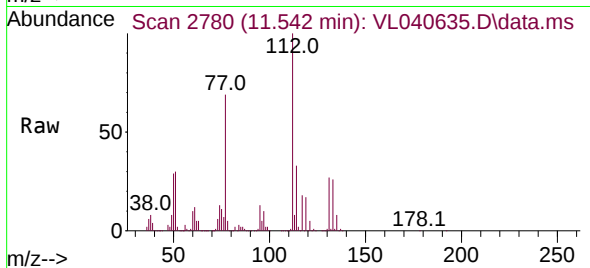




#57
Chlorobenzene
Concen: 14.024 ppbv
RT: 11.542 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

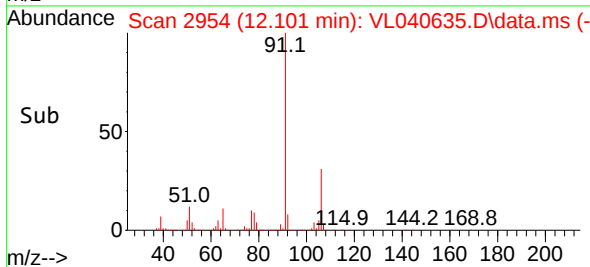
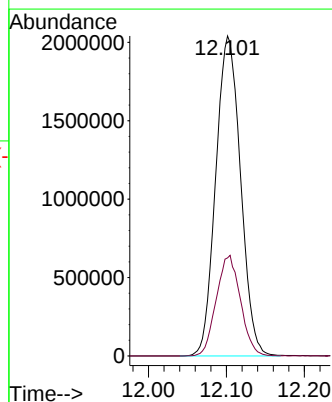
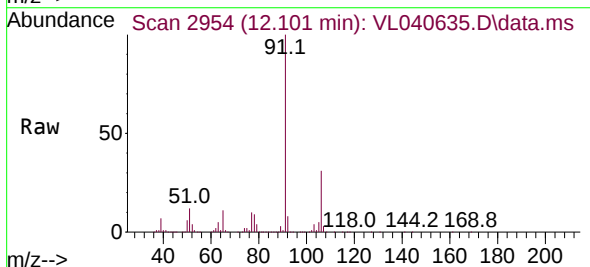
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

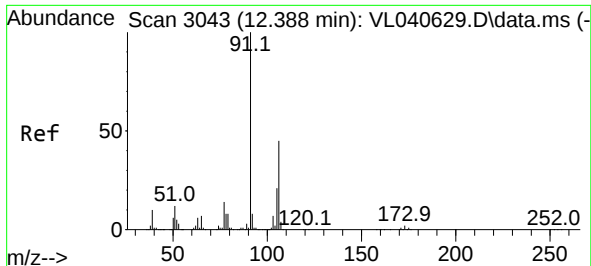
Tgt Ion:112 Resp: 2595900
Ion Ratio Lower Upper
112 100
77 69.0 52.5 78.7
114 33.2 27.8 34.0



#58
Ethyl Benzene
Concen: 15.594 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 91 Resp: 4510008
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8





#59

m/p-Xylene

Concen: 16.839 ppbv

RT: 12.381 min Scan# 3043

Delta R.T. -0.007 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

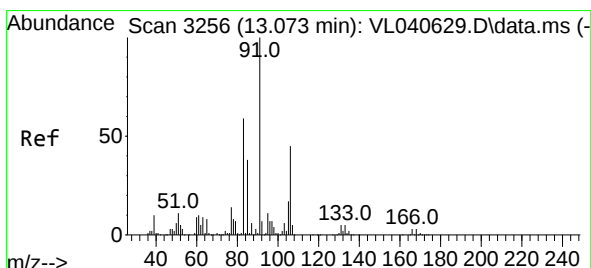
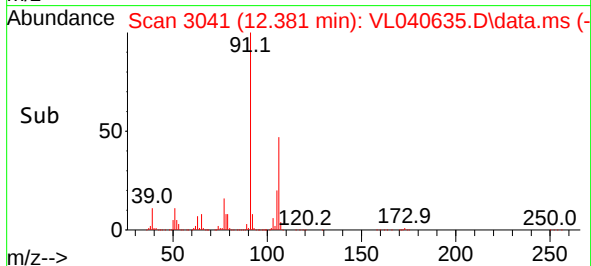
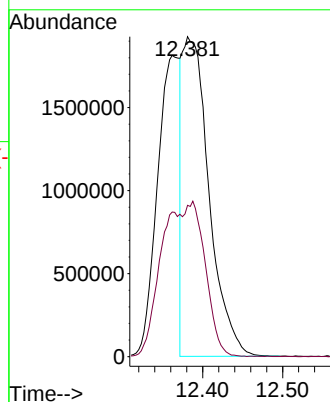
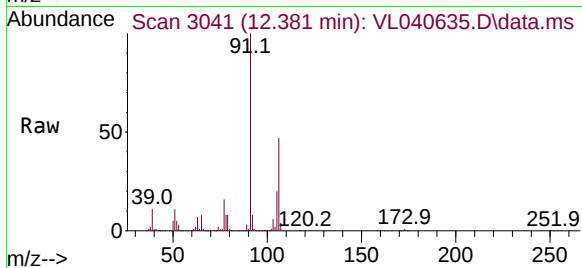
VSTDIC015

Tgt Ion: 91 Resp: 4438254

Ion Ratio Lower Upper

91 100

106 79.2 35.3 52.9#



#60

o-Xylene

Concen: 15.478 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VL040635.D

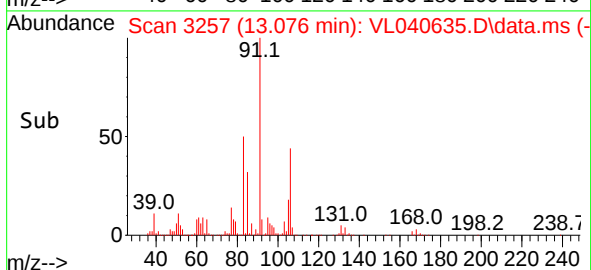
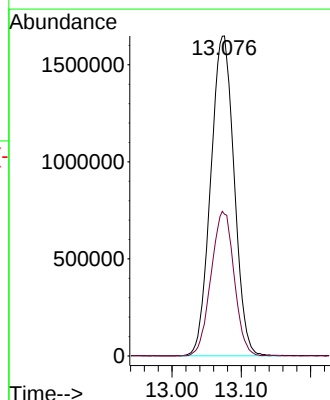
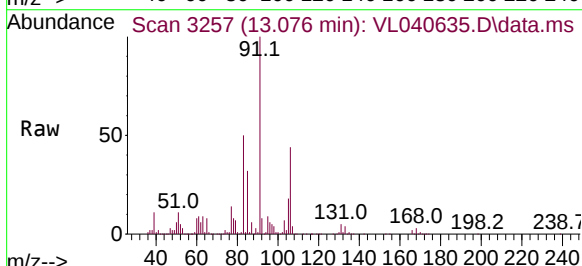
Acq: 15 Aug 2023 14:19

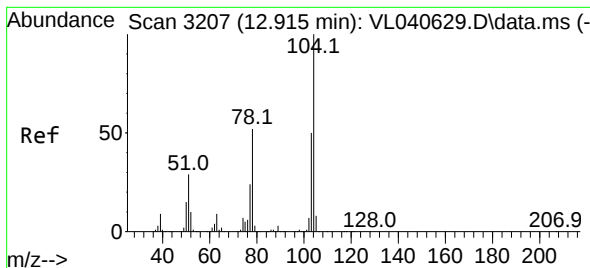
Tgt Ion: 91 Resp: 3870302

Ion Ratio Lower Upper

91 100

106 44.7 22.5 67.5





#61

Styrene

Concen: 17.682 ppbv

RT: 12.912 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

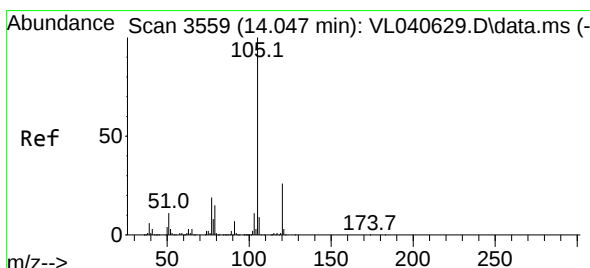
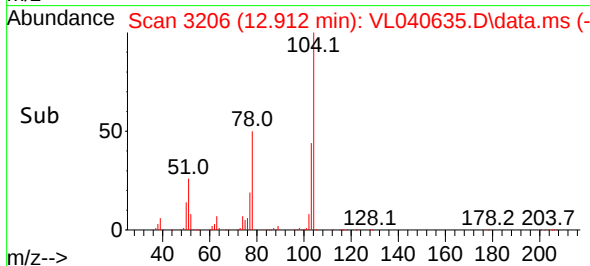
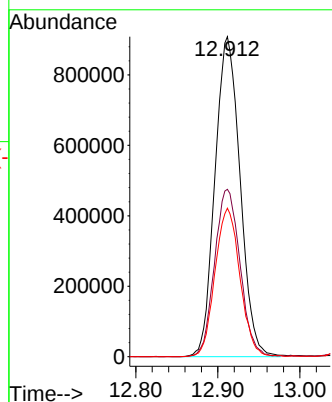
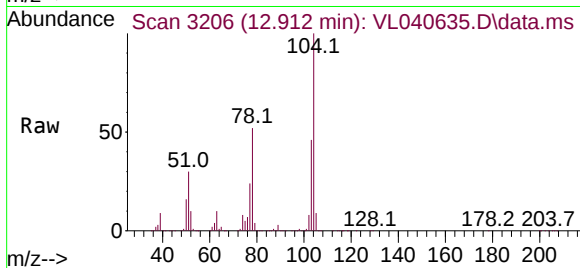
Tgt Ion:104 Resp: 1936943

Ion Ratio Lower Upper

104 100

78 53.2 41.0 61.4

103 46.2 37.3 55.9



#62

Isopropylbenzene

Concen: 14.736 ppbv

RT: 14.043 min Scan# 3558

Delta R.T. -0.003 min

Lab File: VL040635.D

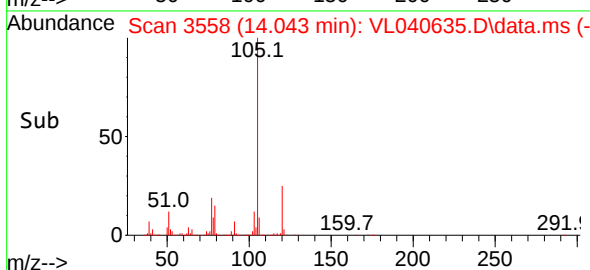
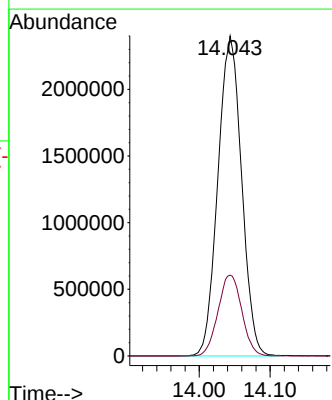
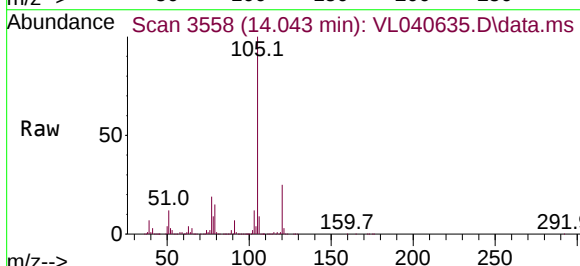
Acq: 15 Aug 2023 14:19

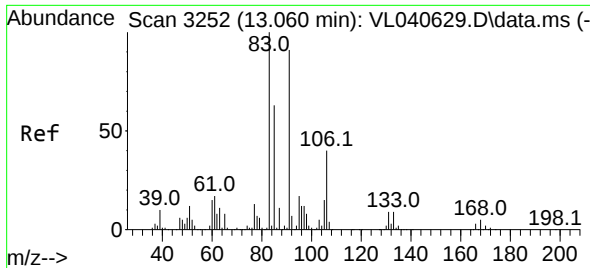
Tgt Ion:105 Resp: 5575358

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

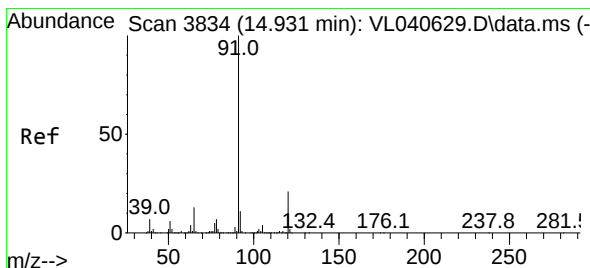
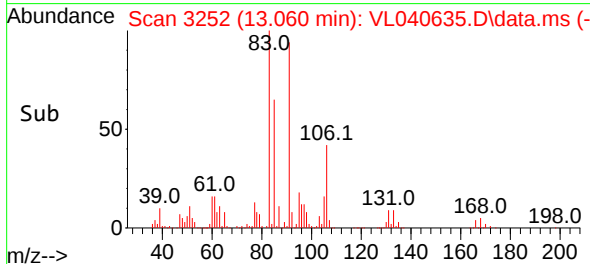
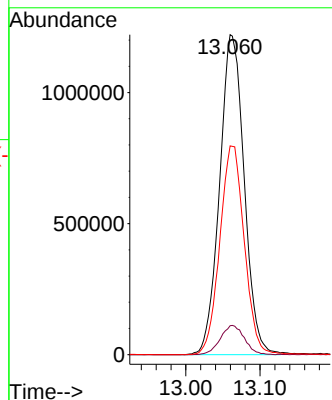
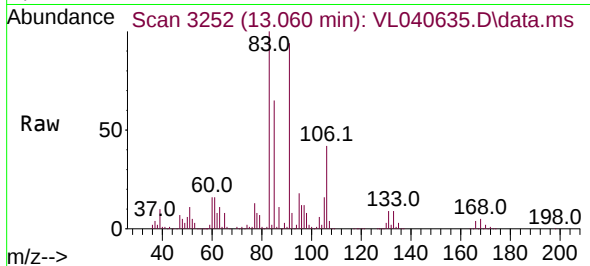




#63
1,1,2,2-Tetrachloroethane
Concen: 14.823 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

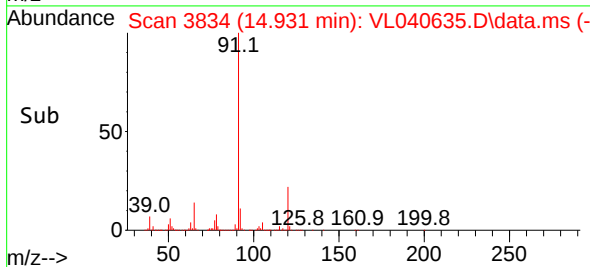
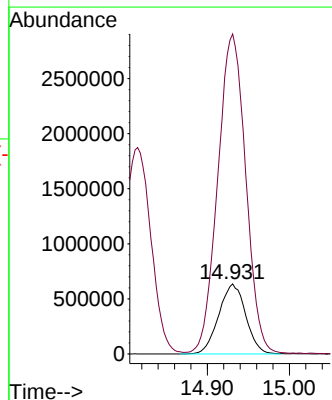
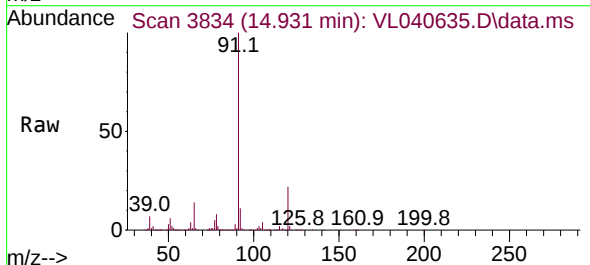
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

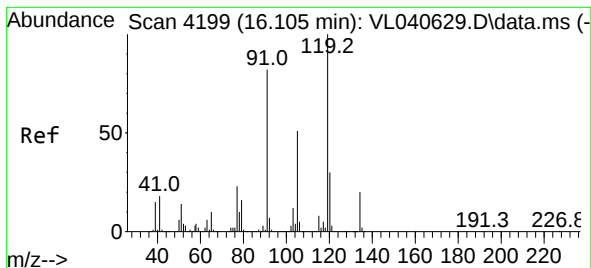
Tgt Ion: 83 Resp: 2809073
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.3 32.4 97.2



#64
n-propylbenzene
Concen: 15.187 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion:120 Resp: 1452666
Ion Ratio Lower Upper
120 100
91 473.6 387.8 581.8

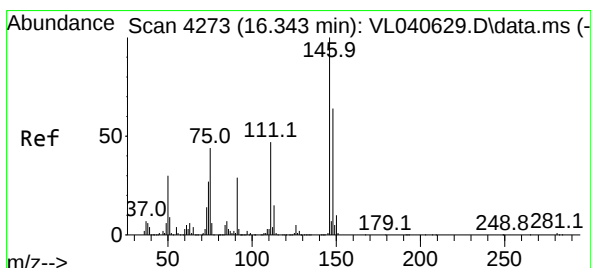
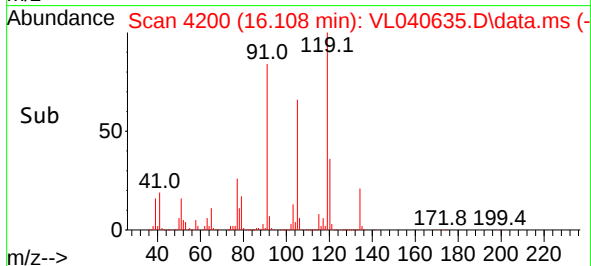
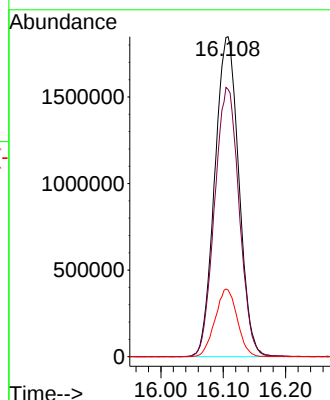
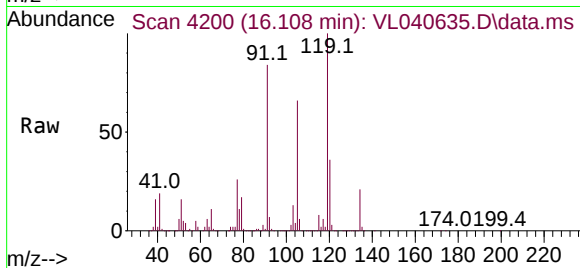




#65
tert-Butylbenzene
Concen: 15.110 ppbv
RT: 16.108 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

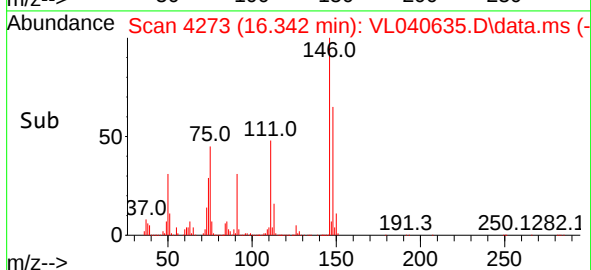
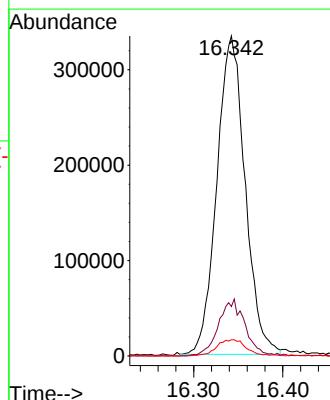
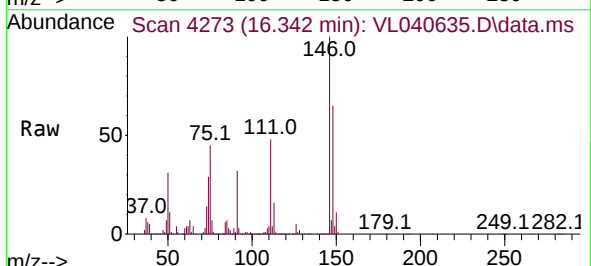
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

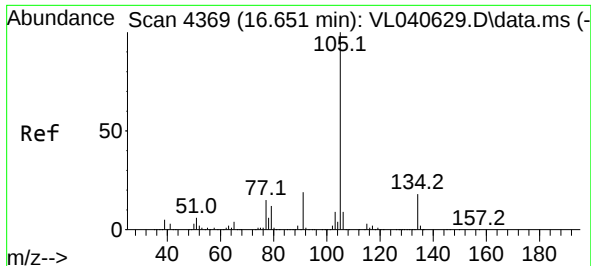
Tgt Ion:119 Resp: 4955828
Ion Ratio Lower Upper
119 100
91 86.0 67.8 101.6
134 19.5 15.7 23.5



#66
Benzyl Chloride
Concen: 17.949 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 91 Resp: 734838
Ion Ratio Lower Upper
91 100
126 16.8 13.6 20.4
128 5.4 4.3 6.5

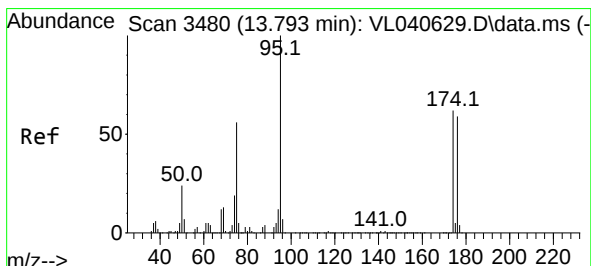
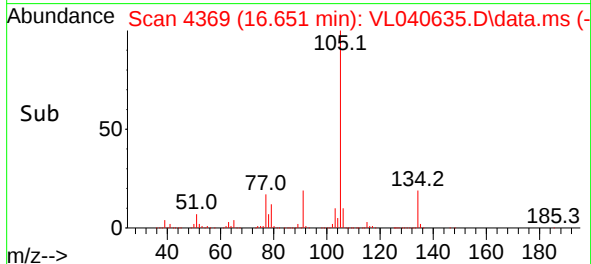
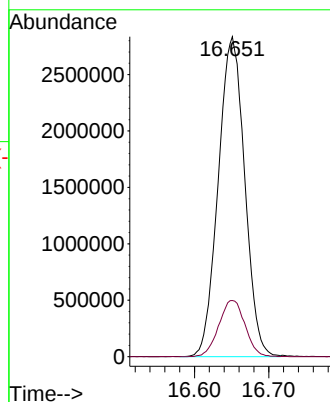
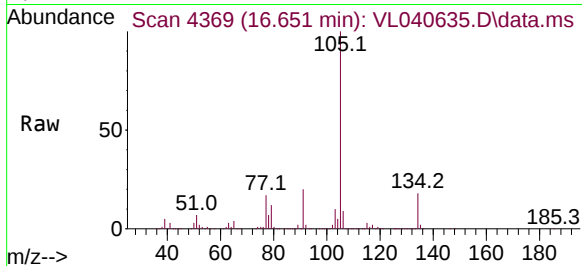




#67
 sec-Butylbenzene
 Concen: 14.655 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

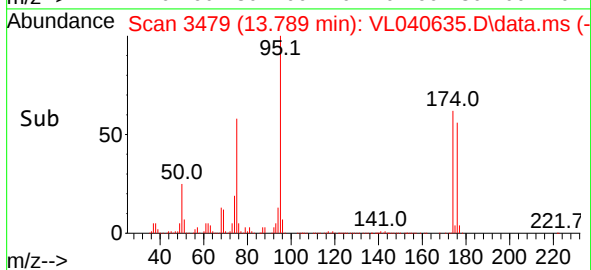
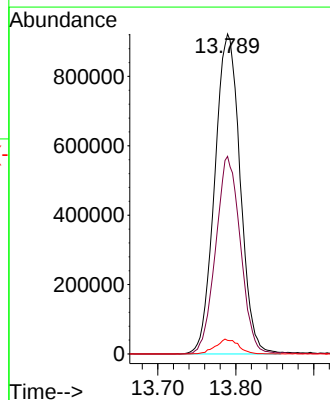
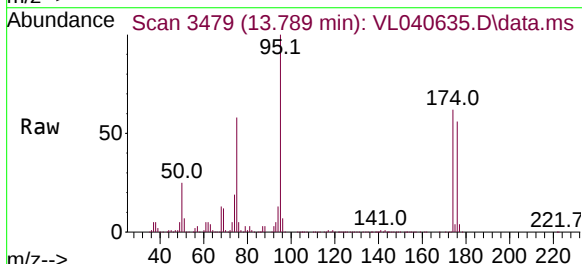
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

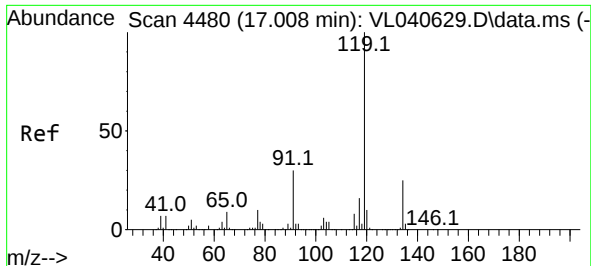
Tgt Ion:105 Resp: 7012713
 Ion Ratio Lower Upper
 105 100
 134 17.5 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.946 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. -0.003 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Tgt Ion: 95 Resp: 2087812
 Ion Ratio Lower Upper
 95 100
 174 60.4 49.1 73.7
 175 4.2 3.7 5.5

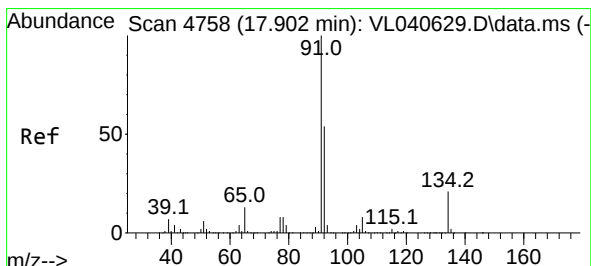
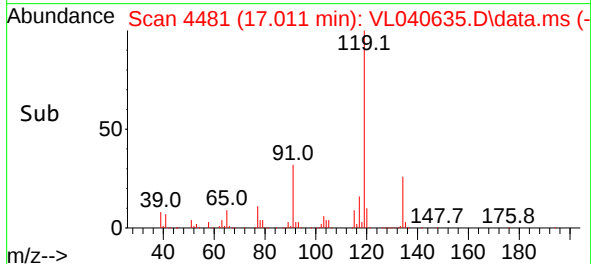
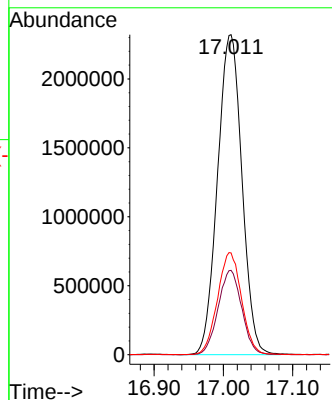
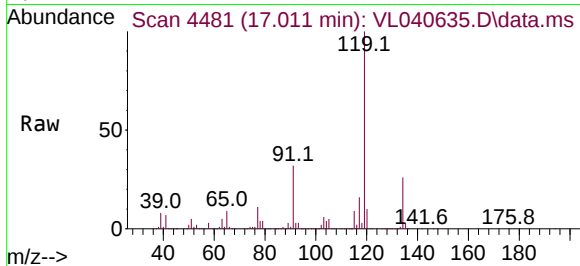




#69
p-Isopropyltoluene
Concen: 15.180 ppbv
RT: 17.011 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

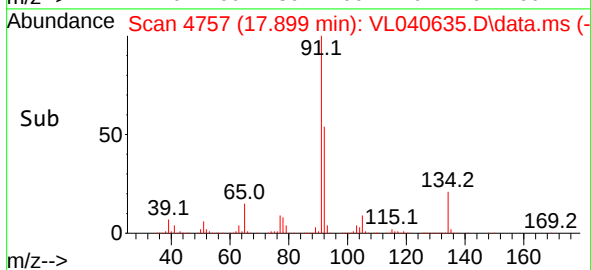
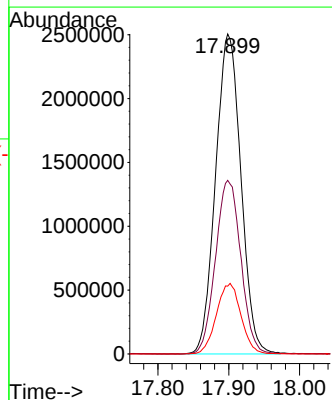
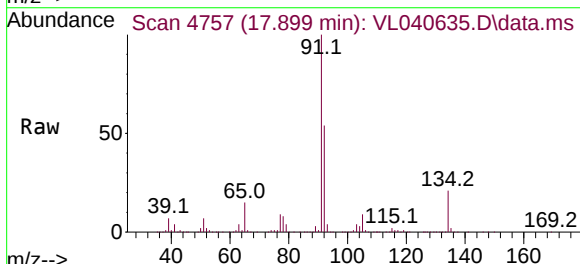
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

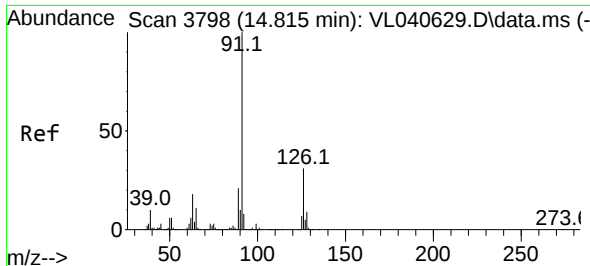
Tgt Ion:119 Resp: 5683660
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 31.4 24.2 36.4



#70
n-Butylbenzene
Concen: 15.225 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 91 Resp: 6223759
Ion Ratio Lower Upper
91 100
92 54.3 42.9 64.3
134 21.4 17.0 25.6

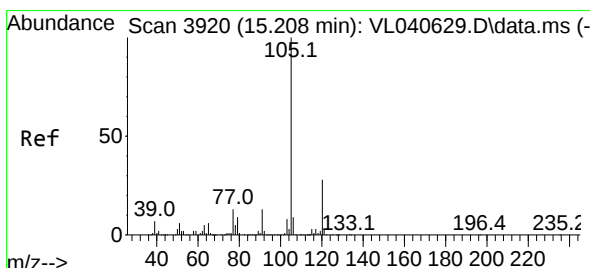
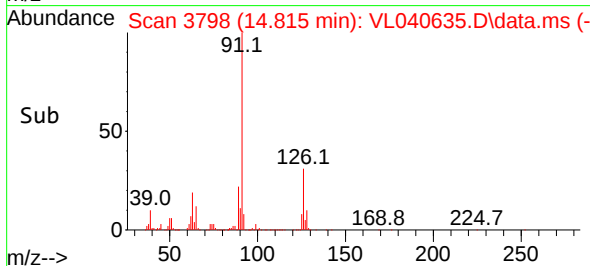
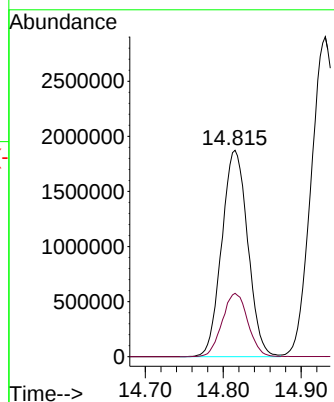
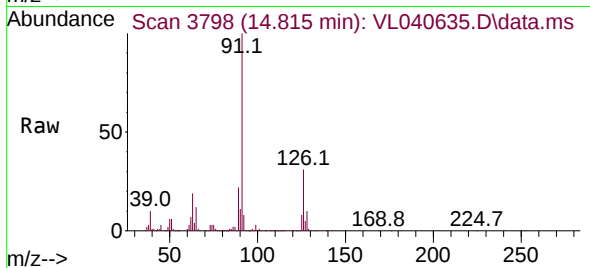




#71
2-Chlorotoluene
Concen: 15.463 ppbv
RT: 14.815 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

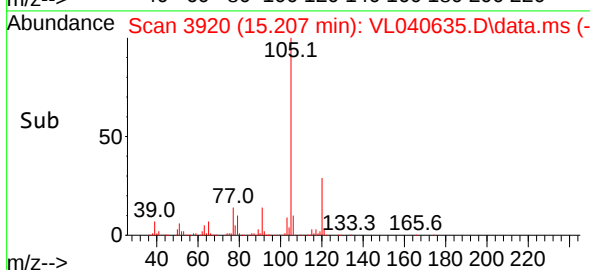
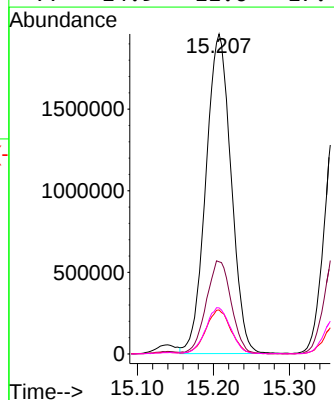
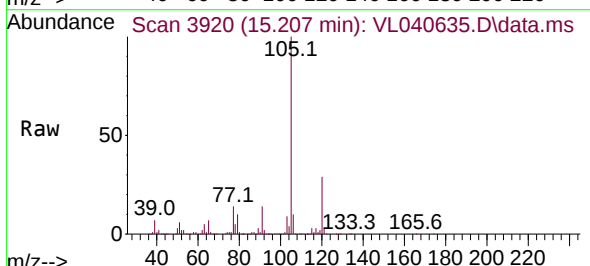
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

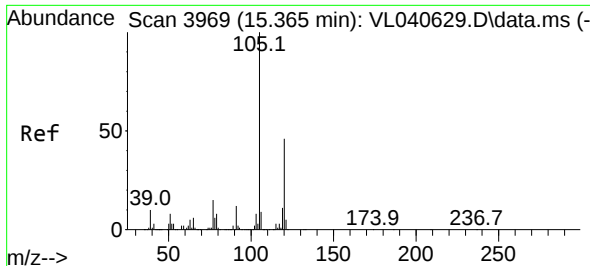
Tgt Ion: 91 Resp: 4341759
Ion Ratio Lower Upper
91 100
126 30.4 12.2 49.0



#72
4-Ethyltoluene
Concen: 15.963 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. -0.000 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion: 105 Resp: 4506056
Ion Ratio Lower Upper
105 100
120 29.7 23.0 34.6
91 13.6 10.9 16.3
77 14.9 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 15.480 ppbv

RT: 15.368 min Scan# 3969

Delta R.T. 0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

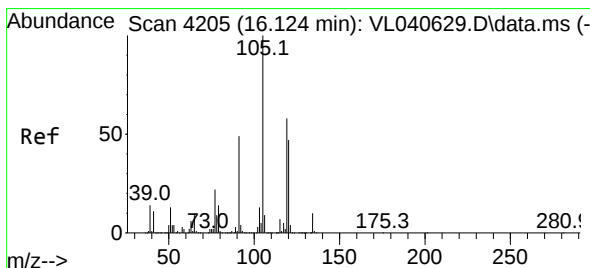
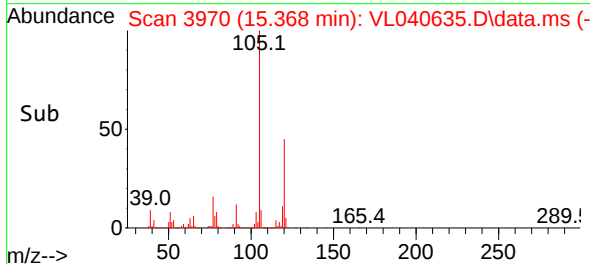
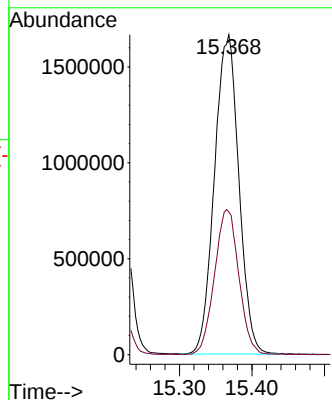
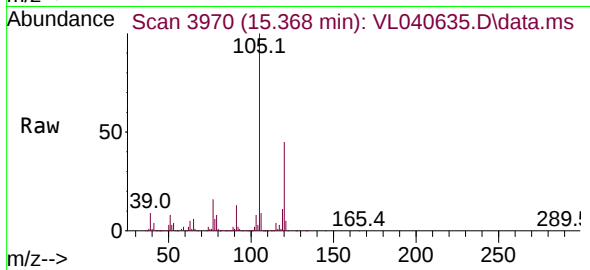
VSTDIC015

Tgt Ion:105 Resp: 3897016

Ion Ratio Lower Upper

105 100

120 44.6 36.5 54.7



#74

1,2,4-Trimethylbenzene

Concen: 15.009 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. -0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Tgt Ion:105 Resp: 4422972

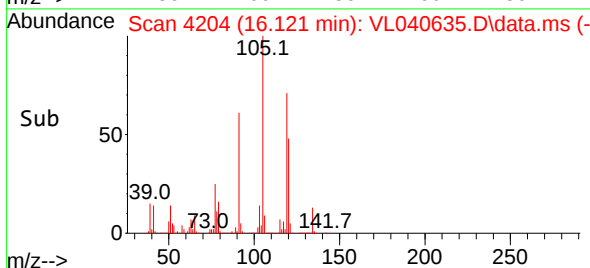
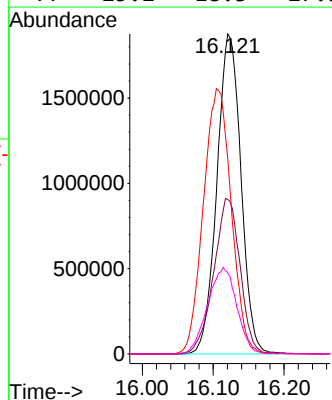
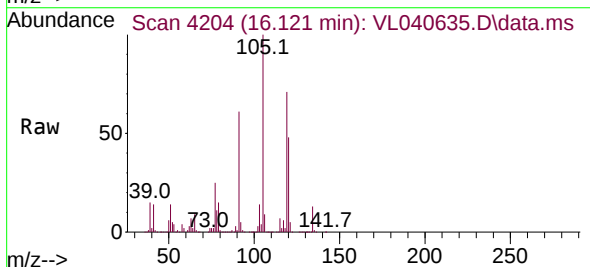
Ion Ratio Lower Upper

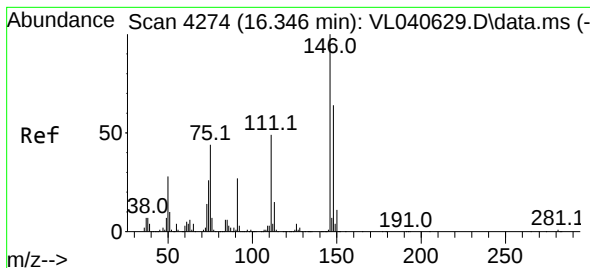
105 100

120 48.2 37.7 56.5

91 61.1 41.2 61.8

77 25.2 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 14.868 ppbv

RT: 16.346 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

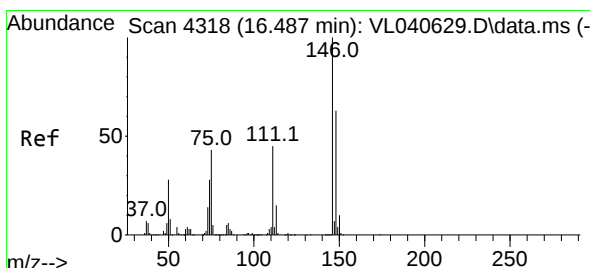
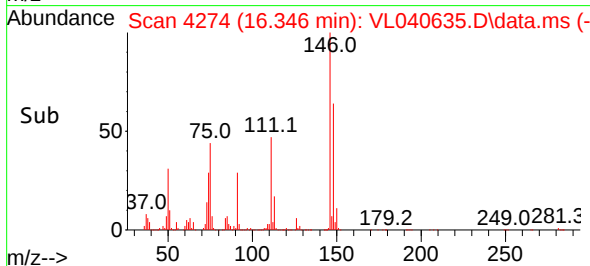
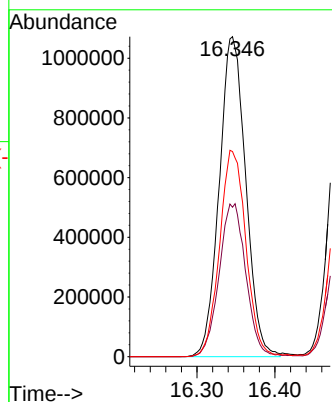
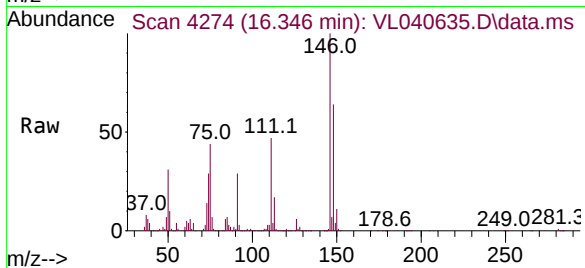
Tgt Ion:146 Resp: 2528836

Ion Ratio Lower Upper

146 100

111 48.3 23.7 71.1

148 64.3 31.7 95.1



#76

1,4-Dichlorobenzene

Concen: 14.512 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.003 min

Lab File: VL040635.D

Acq: 15 Aug 2023 14:19

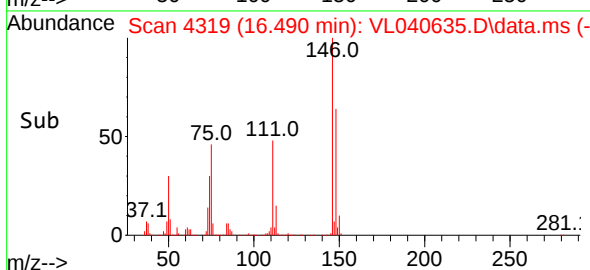
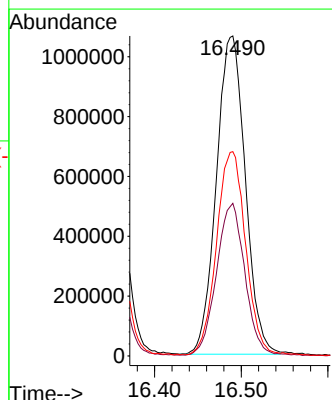
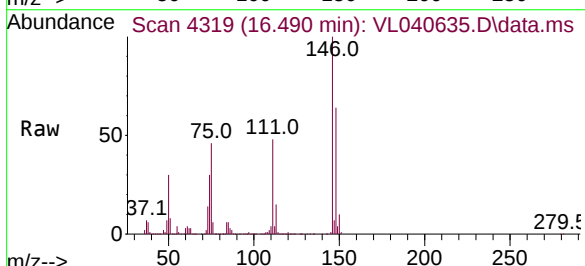
Tgt Ion:146 Resp: 2467001

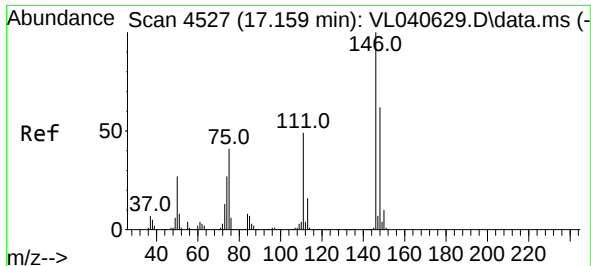
Ion Ratio Lower Upper

146 100

111 47.4 23.2 69.5

148 65.5 32.5 97.5

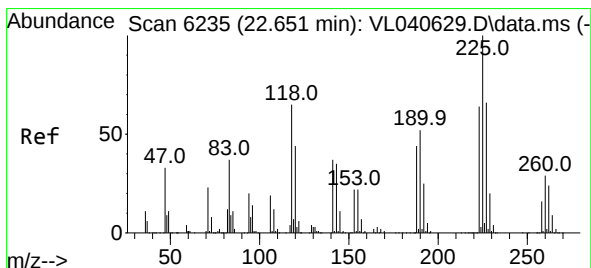
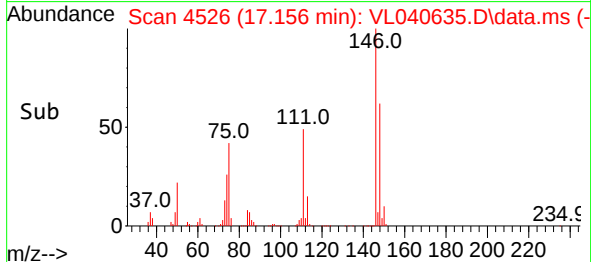
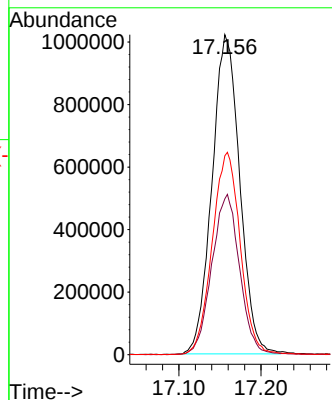
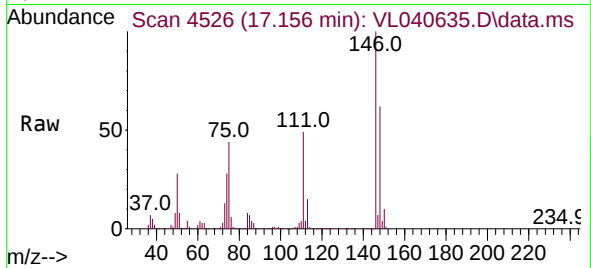




#77
1,2-Dichlorobenzene
Concen: 14.365 ppbv
RT: 17.156 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

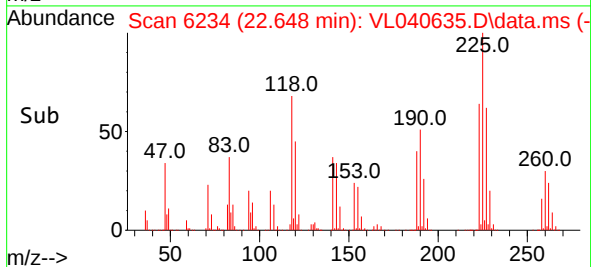
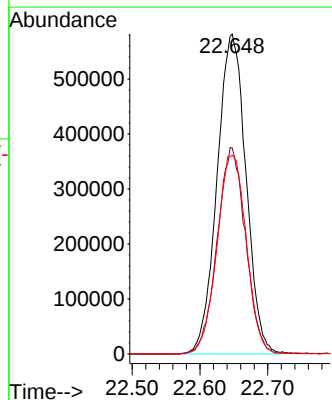
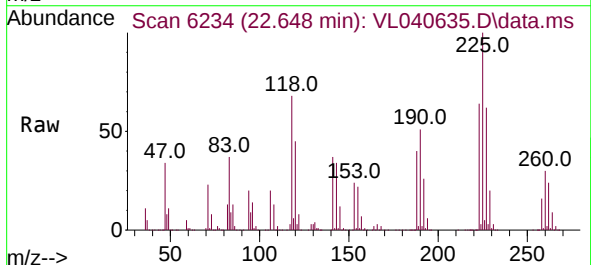
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

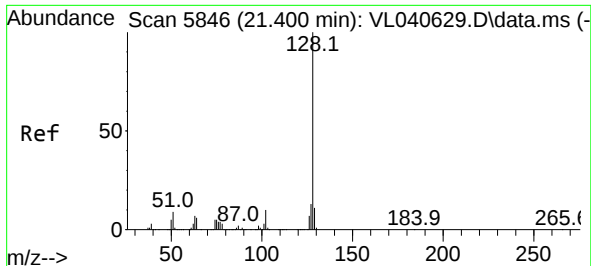
Tgt Ion:146 Resp: 2402041
Ion Ratio Lower Upper
146 100
111 50.5 24.6 74.0
148 64.3 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 13.583 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion:225 Resp: 1726522
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 63.4 51.2 76.8

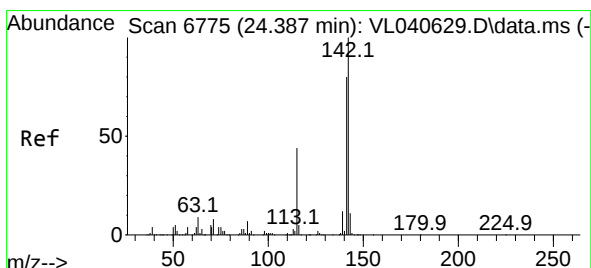
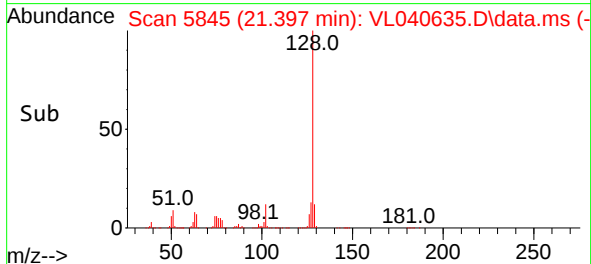
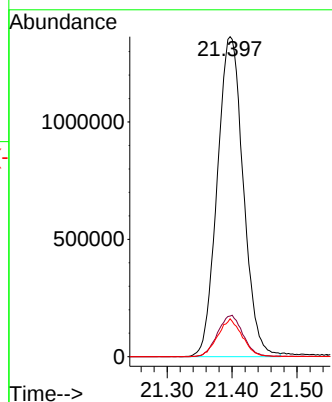
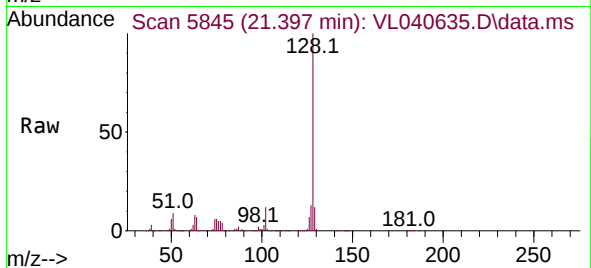




#79
Naphthalene
Concen: 19.217 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

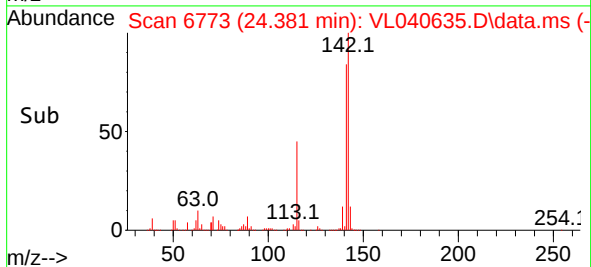
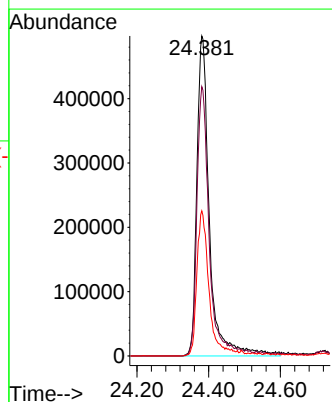
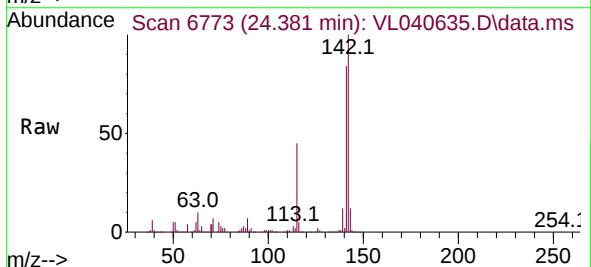
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

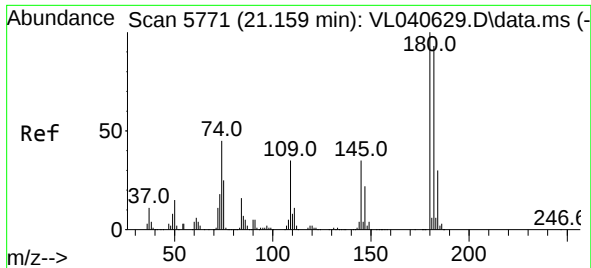
Tgt Ion:128 Resp: 3789611
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.9 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 23.011 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. -0.007 min
Lab File: VL040635.D
Acq: 15 Aug 2023 14:19

Tgt Ion:142 Resp: 1211636
Ion Ratio Lower Upper
142 100
141 83.7 64.6 96.8
115 44.7 33.7 50.5





#81
 1,2,4-Trichlorobenzene
 Concen: 16.059 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VL040635.D
 Acq: 15 Aug 2023 14:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 2057258

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.0	117.0
184	30.9	24.6	36.8

