

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040633.D
 Acq On : 15 Aug 2023 12:58
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Aug 16 04:48:43 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	5.192	49	1018370	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2620176	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2236288	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1776900	9.991	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	19876	0.091	ppbv #	88
3) Chlorodifluoromethane	2.665	51	14827	0.089	ppbv	100
4) Chloromethane	2.806	50	3370	0.052	ppbv #	71
5) Vinyl Chloride	2.919	62	4745	0.069	ppbv #	84
6) Bromomethane	3.118	94	2973	0.081	ppbv #	57
7) Chloroethane	3.192	64	827	0.033	ppbv #	70
8) Dichlorotetrafluoroethane	2.845	85	15613	0.088	ppbv	99
9) Propene	2.687	41	4118	0.079	ppbv #	43
10) Heptane	7.581	43	967	0.008	ppbv #	25
11) Trichlorofluoromethane	3.562	101	14788	0.084	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.060	101	10778	0.083	ppbv	87
13) Ethanol	3.256	45	654	0.053	ppbv #	1
14) Bromoethene	3.362	108	1879	0.035	ppbv #	1
15) Acetone	3.491	43	15446	0.124	ppbv #	79
16) 1,3-Butadiene	2.980	39	4464	0.072	ppbv	82
17) tert-Butyl alcohol	3.874	59	193	0.001	ppbv #	72
18) 1,1-Dichloroethene	3.874	96	4914	0.083	ppbv #	40
19) Isopropyl Alcohol	3.549	45	205	0.003	ppbv #	1
20) Methylene Chloride	3.928	84	17759	0.292	ppbv #	94
21) Allyl Chloride	3.993	41	4533	0.055	ppbv #	20
22) trans-1,2-Dichloroethene	4.446	96	3376	0.058	ppbv #	78
23) Vinyl Acetate	4.639	43	6144	0.045	ppbv #	90
24) 1,1-Dichloroethane	4.558	63	6114	0.050	ppbv	98
25) Ethyl Acetate	5.214	43	12096	0.052	ppbv #	76
26) Hexane	5.211	57	13226	0.117	ppbv #	1
27) Carbon Disulfide	4.128	76	4786	0.036	ppbv #	1
28) Methyl tert-Butyl Ether	4.584	73	245	0.003	ppbv #	52
29) Chloroform	5.275	83	8280	0.046	ppbv #	81
30) Cyclohexane	6.600	84	1520	0.018	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	6344	0.062	ppbv	86
32) 1,1,1-Trichloroethane	6.002	97	12498	0.073	ppbv #	83
34) 2-Butanone	4.771	43	248	0.002	ppbv #	51
35) Carbon Tetrachloride	6.491	117	6955	0.042	ppbv #	77
36) Benzene	6.375	78	6080	0.029	ppbv #	81
37) 1,2-Dichloroethane	5.812	62	2922	0.023	ppbv #	80
38) Trichloroethene	7.301	130	2475	0.031	ppbv #	73
39) 1,2-Dichloropropane	6.652	63	669554	8.443	ppbv #	25
40) 1,4-Dioxane	7.307	88	36	0.001	ppbv #	1
41) Tetrahydrofuran	5.597	42	1954	0.026	ppbv #	14
42) Bromodichloromethane	7.256	83	10577	0.060	ppbv #	98
43) Methyl Methacrylate	7.488	69	1358	0.017	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	3741	0.011	ppbv #	43
45) t-1,3-Dichloropropene	8.709	75	482	0.008	ppbv #	72

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
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 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

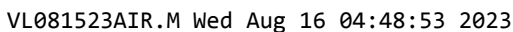
Instrument :
 MSVOA_L
 ClientSampleId :
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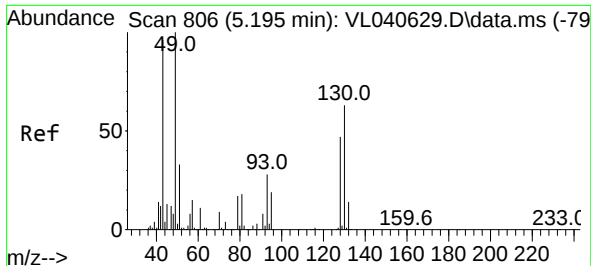
Quant Time: Aug 16 04:48:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.143	75	1554	0.021	ppbv	#	70
47) 1,1,2-Trichloroethane	8.899	97	1768	0.020	ppbv	#	1
48) Dibromochloromethane	9.716	129	3154	0.022	ppbv	#	1
49) Bromoform	12.417	173	1505	0.013	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.208	43	2040	0.011	ppbv	#	38
51) 2-Hexanone	9.571	43	349	0.003	ppbv	#	29
52) Tetrachloroethene	10.616	164	1467	0.022	ppbv	#	53
53) Toluene	9.224	91	5126	0.023	ppbv	#	21
54) 1,2-Dibromoethane	10.012	107	3469	0.032	ppbv		96
56) 1,1,1,2-Tetrachloroethane	11.513	131	1166	0.011	ppbv	#	9
57) Chlorobenzene	11.532	112	2806	0.016	ppbv	#	74
58) Ethyl Benzene	12.134	91	553	0.002	ppbv		98
59) m/p-Xylene	12.378	91	2153	0.009	ppbv	#	1
60) o-Xylene	13.063	91	4943	0.021	ppbv	#	38
61) Styrene	12.905	104	602	0.006	ppbv	#	1
62) Isopropylbenzene	14.037	105	4909	0.014	ppbv	#	1
63) 1,1,2,2-Tetrachloroethane	13.060	83	6099	0.035	ppbv	#	23
64) n-propylbenzene	14.921	120	933	0.010	ppbv	#	1
65) tert-Butylbenzene	16.101	119	4078	0.013	ppbv	#	1
66) Benzyl Chloride	16.336	91	648	0.017	ppbv	#	66
67) sec-Butylbenzene	16.638	105	6149	0.014	ppbv	#	60
69) p-Isopropyltoluene	16.998	119	1751	0.005	ppbv	#	47
70) n-Butylbenzene	17.892	91	2161	0.006	ppbv	#	33
71) 2-Chlorotoluene	14.809	91	6693	0.026	ppbv	#	44
72) 4-Ethyltoluene	15.204	105	2277	0.009	ppbv	#	1
73) 1,3,5-Trimethylbenzene	15.362	105	3767	0.016	ppbv	#	49
74) 1,2,4-Trimethylbenzene	16.117	105	1160	0.004	ppbv	#	52
75) 1,3-Dichlorobenzene	16.336	146	1812	0.011	ppbv	#	23
76) 1,4-Dichlorobenzene	16.481	146	1964	0.012	ppbv	#	1
77) 1,2-Dichlorobenzene	17.146	146	2655	0.017	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.651	225	5184	0.044	ppbv	#	14
79) Naphthalene	21.387	128	568	0.003	ppbv	#	69
80) Naphthalene,2-methyl-	24.542	142	131	0.003	ppbv	#	59
81) 1,2,4-Trichlorobenzene	21.143	180	409	0.003	ppbv	#	11

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

Quant Time: Aug 16 04:48:43 2023
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

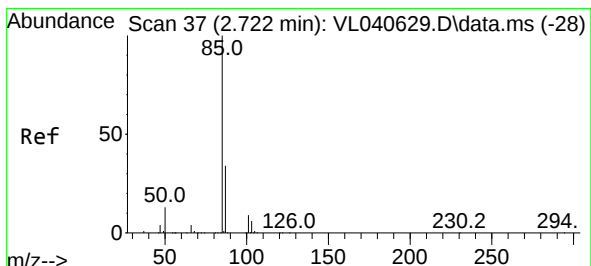
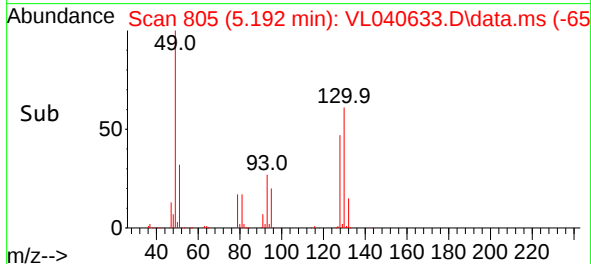
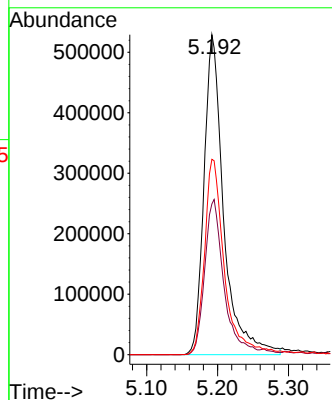
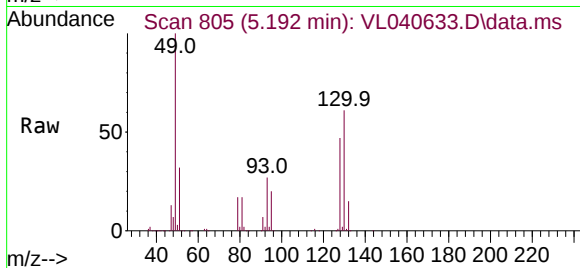




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

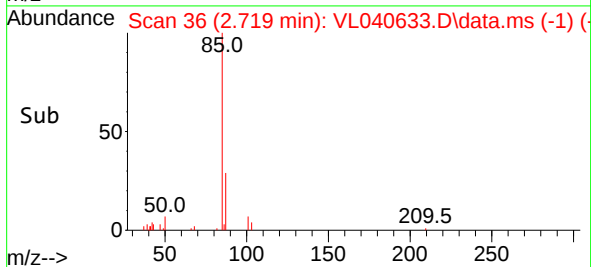
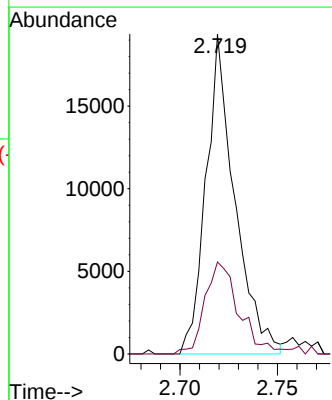
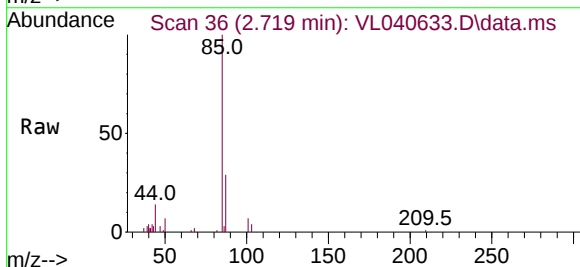
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 ClientSampleId :
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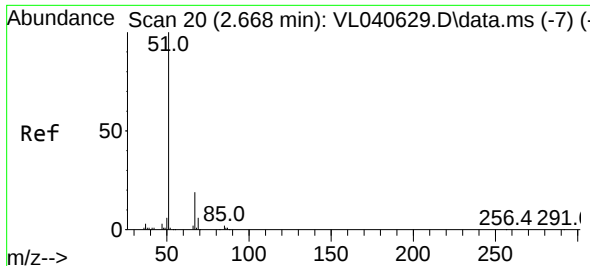
Tgt Ion: 49 Resp: 1018370
 Ion Ratio Lower Upper
 49 100
 128 50.1 24.9 74.7
 130 63.1 32.2 96.6



#2
 Dichlorodifluoromethane
 Concen: 0.091 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. -0.003 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

Tgt Ion: 85 Resp: 19876
 Ion Ratio Lower Upper
 85 100
 87 27.3 27.5 41.3#

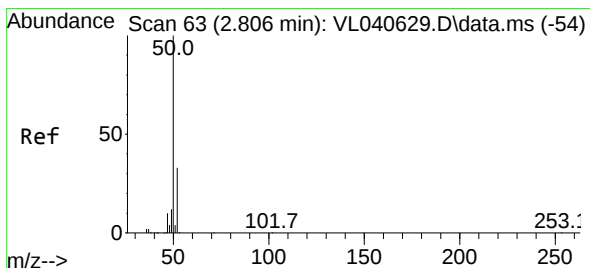
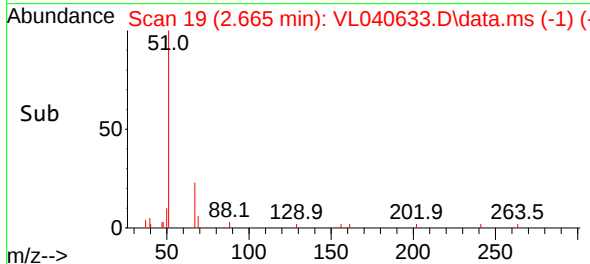
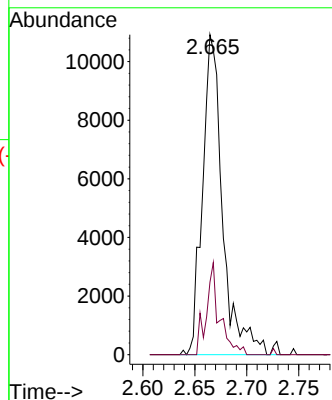
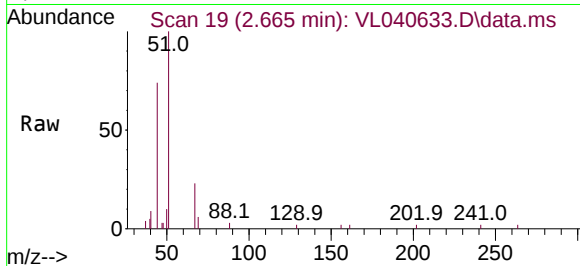




#3
Chlorodifluoromethane
Concen: 0.089 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

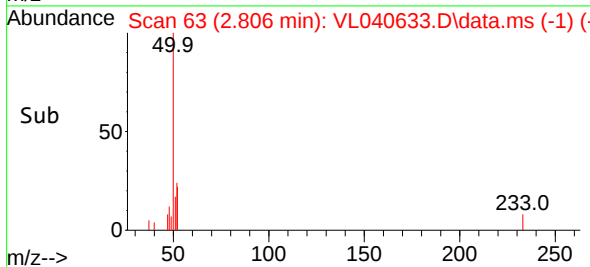
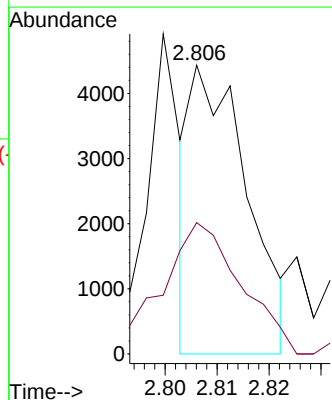
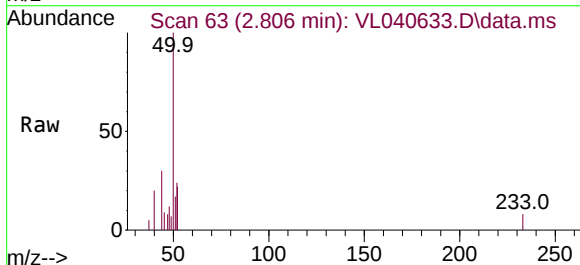
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

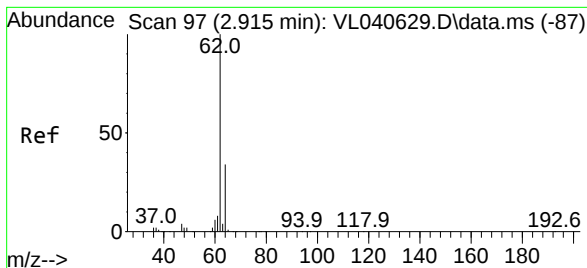
Tgt Ion: 51 Resp: 14827
Ion Ratio Lower Upper
51 100
67 18.7 15.0 22.6



#4
Chloromethane
Concen: 0.052 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 50 Resp: 3370
Ion Ratio Lower Upper
50 100
52 49.0 26.2 39.2#

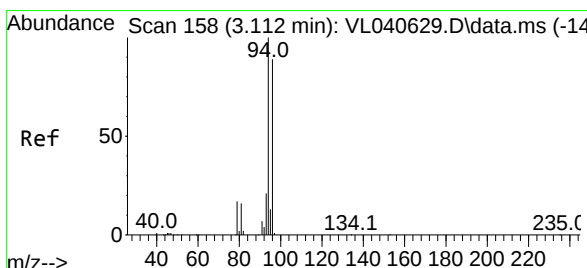
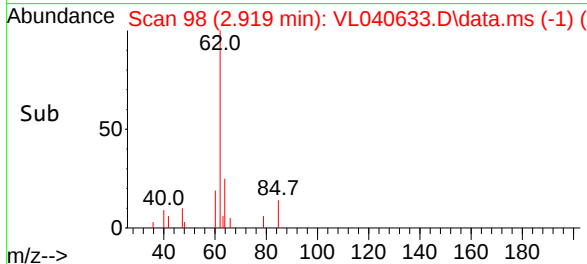
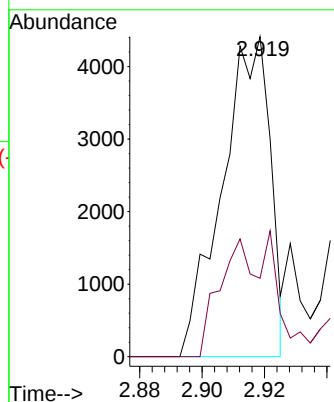
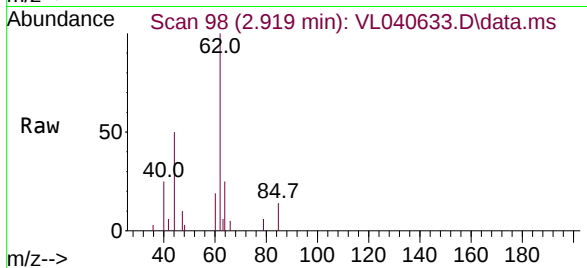




#5
 Vinyl Chloride
 Concen: 0.069 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

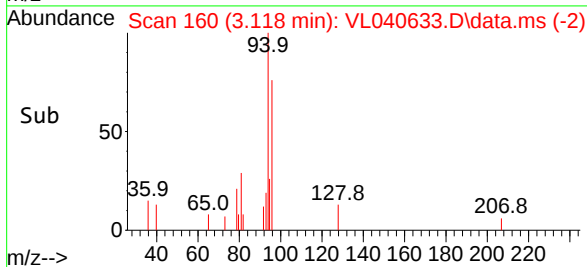
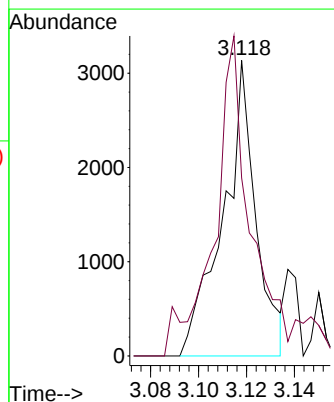
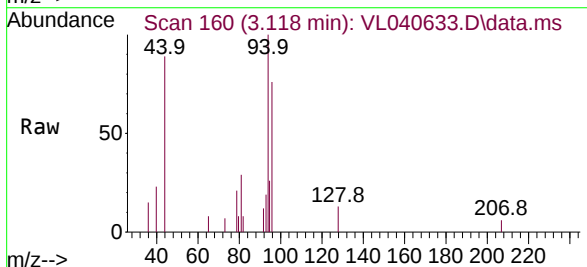
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

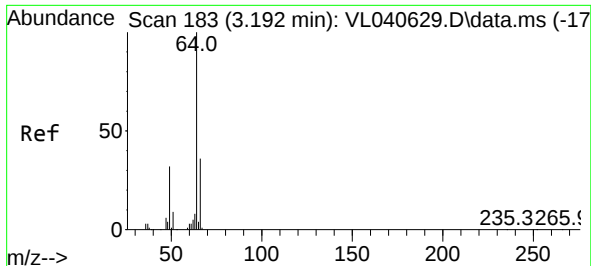
Tgt Ion: 62 Resp: 4745
 Ion Ratio Lower Upper
 62 100
 64 24.5 27.0 40.6#



#6
 Bromomethane
 Concen: 0.081 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

Tgt Ion: 94 Resp: 2973
 Ion Ratio Lower Upper
 94 100
 96 48.9 71.5 107.3#

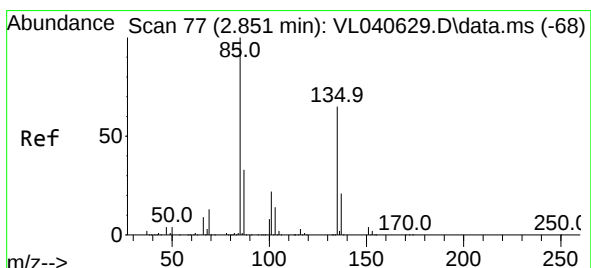
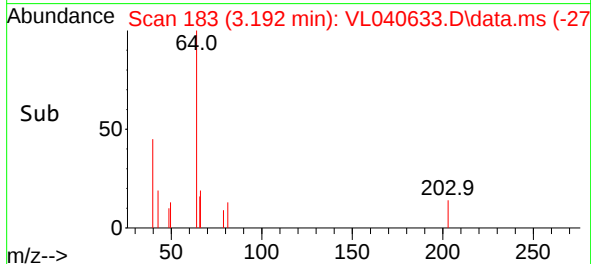
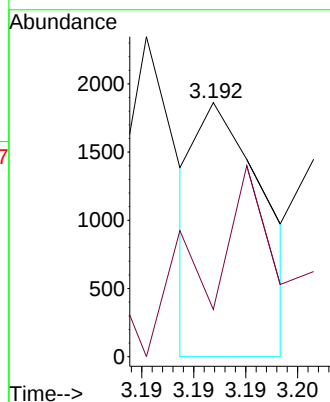
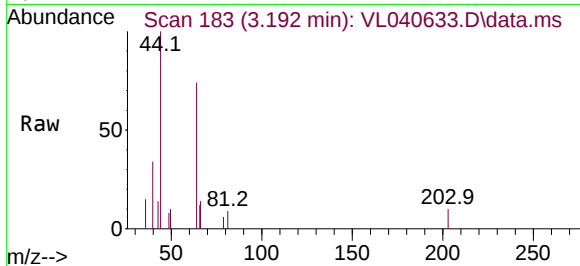




#7
Chloroethane
Concen: 0.033 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

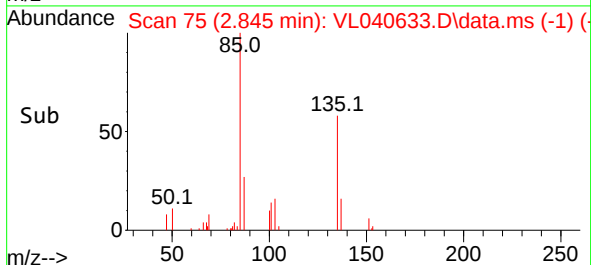
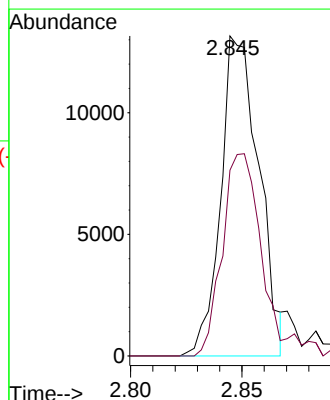
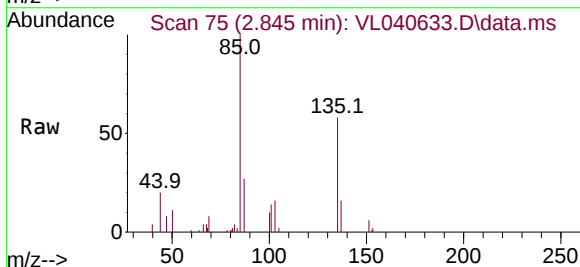
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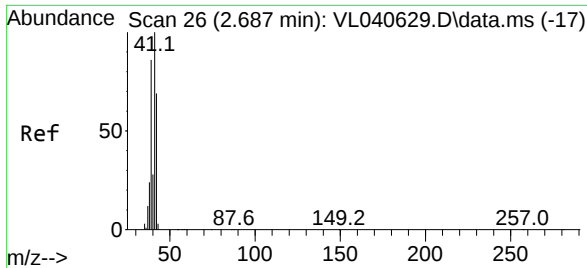
Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 18.6 28.7 43.1#



#8
Dichlorotetrafluoroethane
Concen: 0.088 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 85 Resp: 15613
Ion Ratio Lower Upper
85 100
135 66.9 52.8 79.2

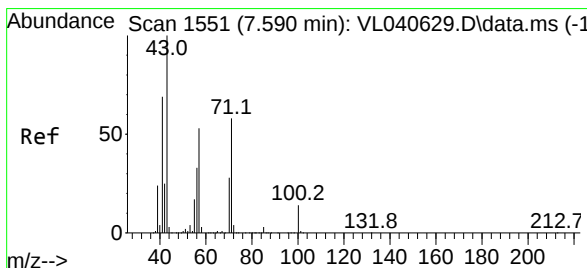
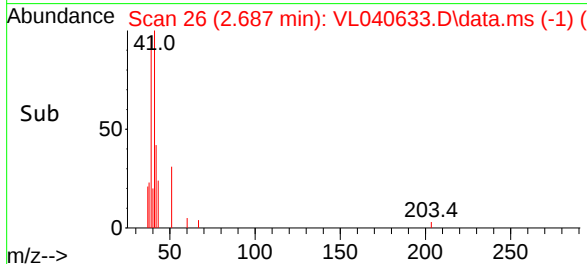
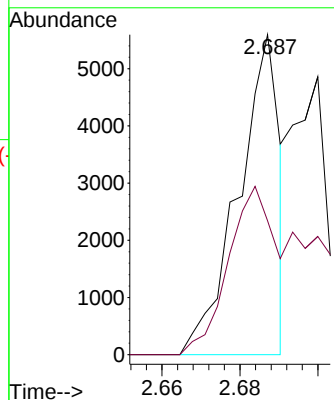
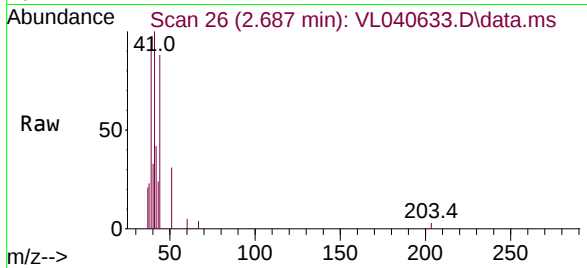




#9
 Propene
 Concen: 0.079 ppbv
 RT: 2.687 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

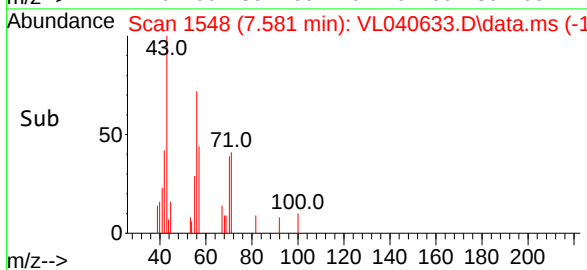
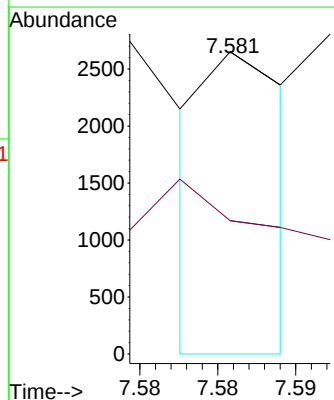
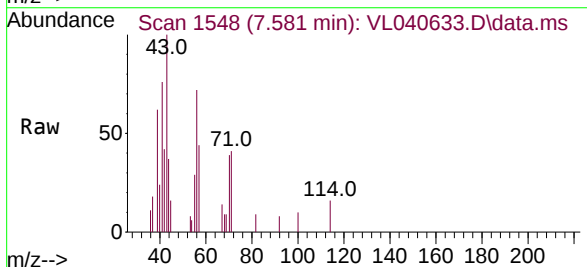
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

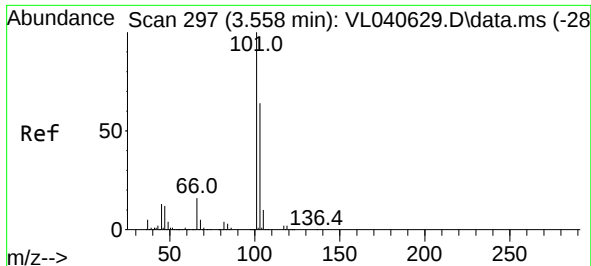
Tgt Ion: 41 Resp: 4118
 Ion Ratio Lower Upper
 41 100
 42 117.8 56.5 84.7#



#10
 Heptane
 Concen: 0.008 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.010 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

Tgt Ion: 43 Resp: 967
 Ion Ratio Lower Upper
 43 100
 57 0.0 42.5 63.7#

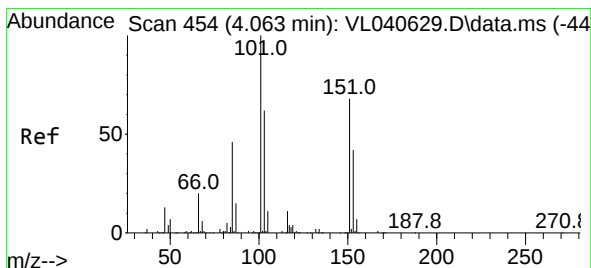
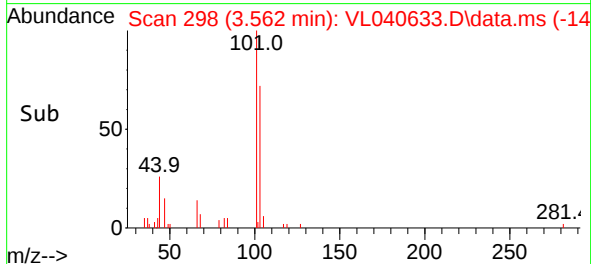
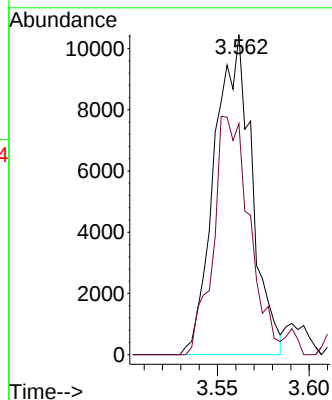
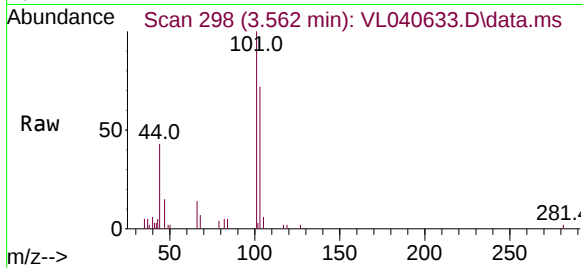




#11
 Trichlorofluoromethane
 Concen: 0.084 ppbv
 RT: 3.562 min Scan# 297
 Delta R.T. 0.003 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

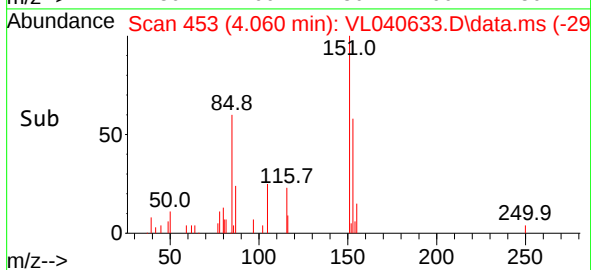
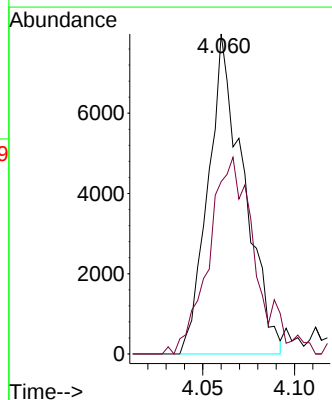
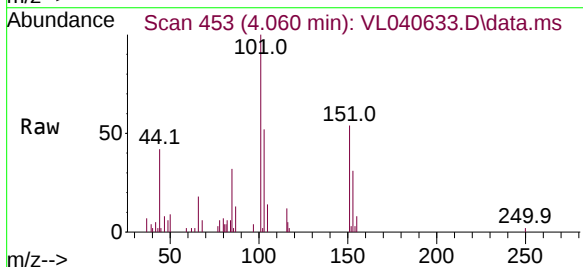
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

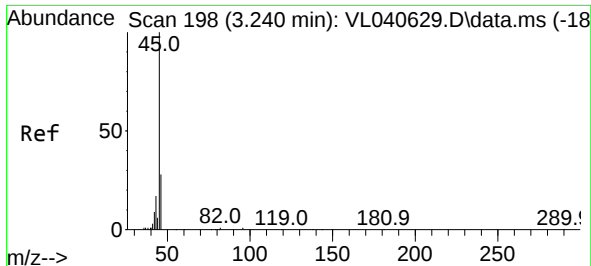
Tgt Ion:101 Resp: 14788
 Ion Ratio Lower Upper
 101 100
 103 72.2 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.083 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.003 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

Tgt Ion:101 Resp: 10778
 Ion Ratio Lower Upper
 101 100
 151 81.0 56.2 84.2

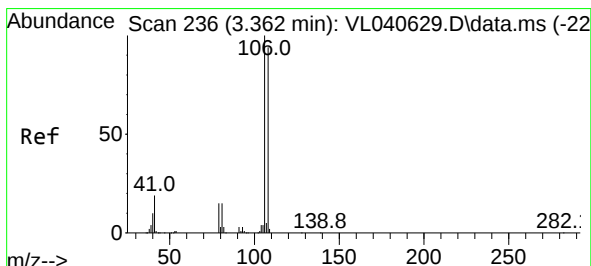
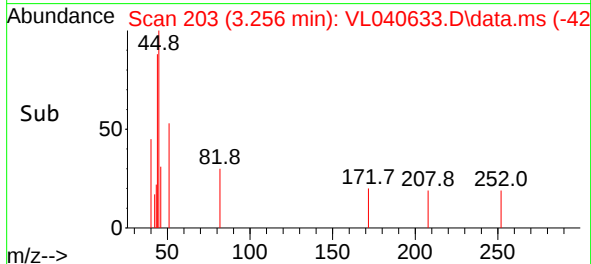
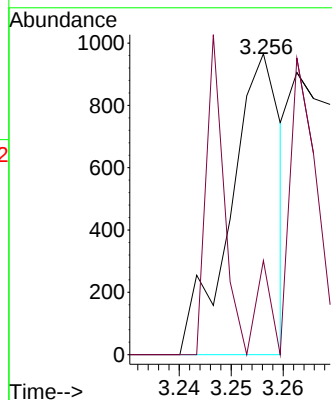
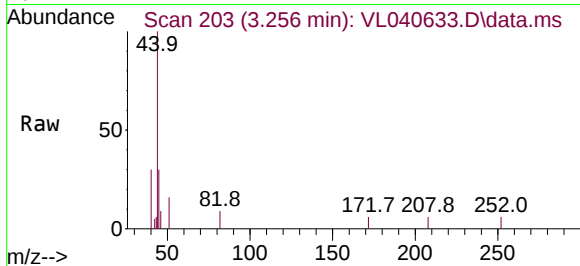




#13
Ethanol
Concen: 0.053 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.016 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

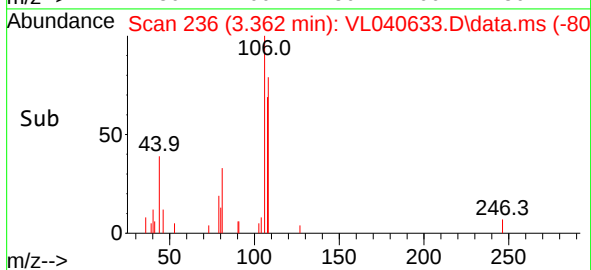
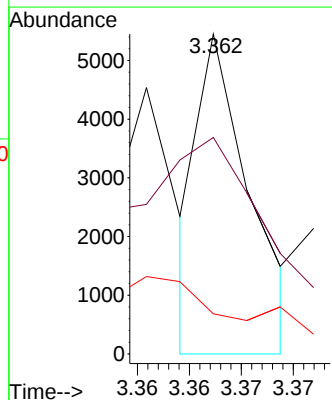
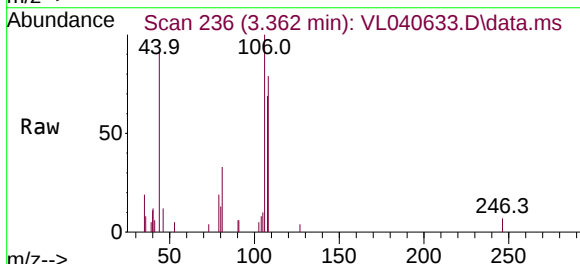
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

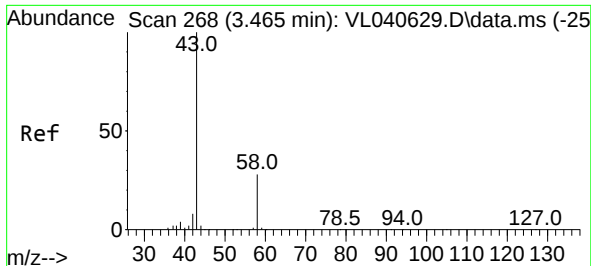
Tgt Ion: 45 Resp: 654
Ion Ratio Lower Upper
45 100
46 126.9 14.2 56.6#



#14
Bromoethene
Concen: 0.035 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 108 Resp: 1879
Ion Ratio Lower Upper
108 100
106 309.4 87.3 130.9#
79 0.0 14.4 21.6#

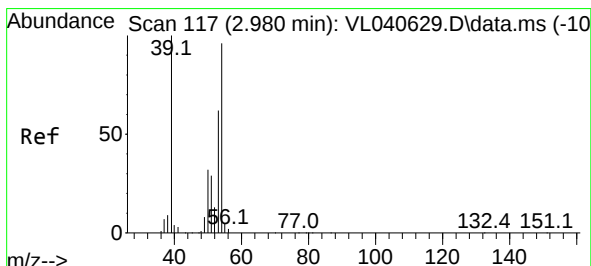
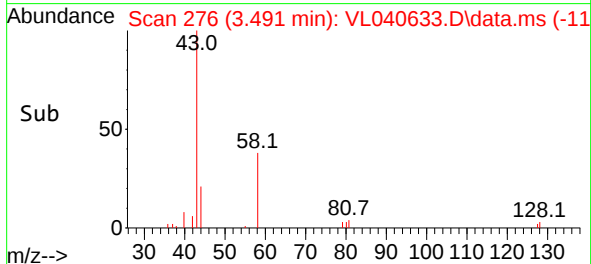
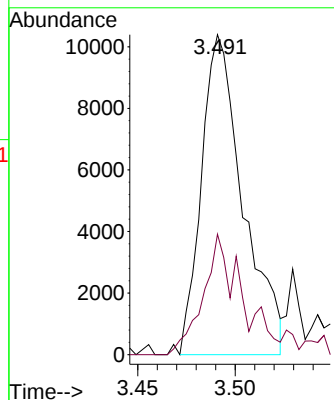
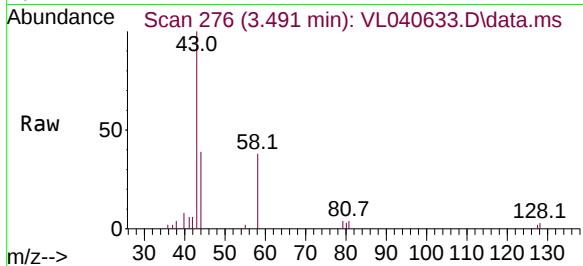




#15
Acetone
Concen: 0.124 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

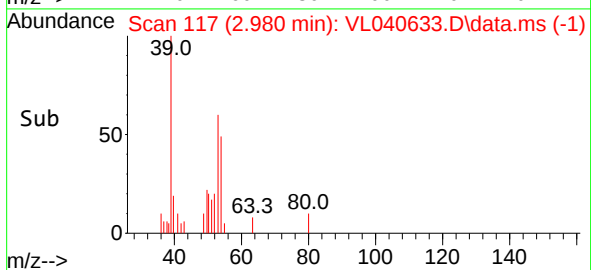
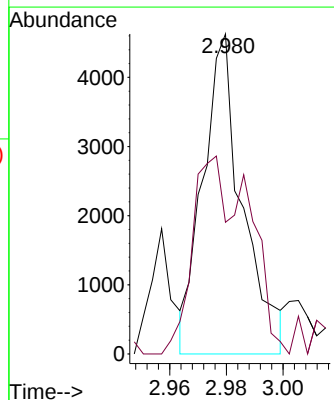
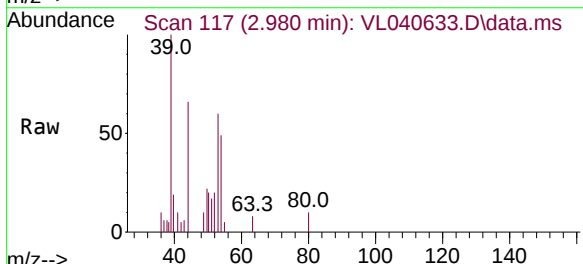
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

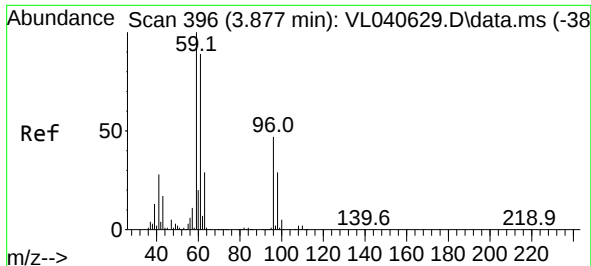
Tgt Ion: 43 Resp: 15446
Ion Ratio Lower Upper
43 100
58 39.2 22.4 33.6#



#16
1,3-Butadiene
Concen: 0.072 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 39 Resp: 4464
Ion Ratio Lower Upper
39 100
54 99.5 66.6 99.8





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

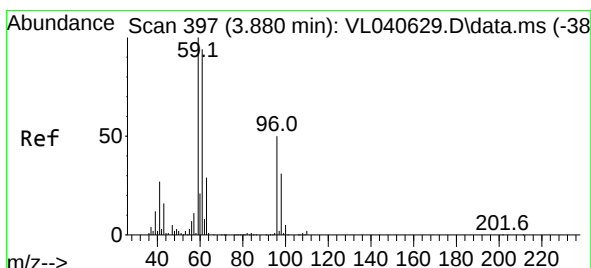
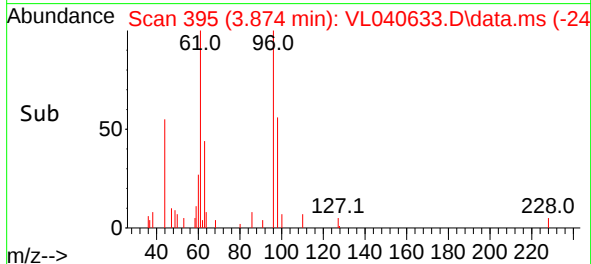
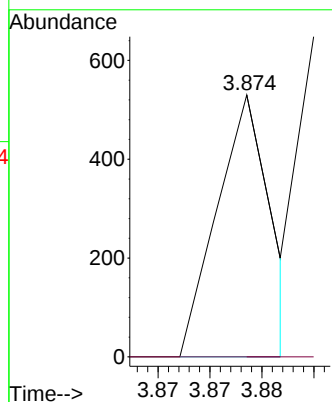
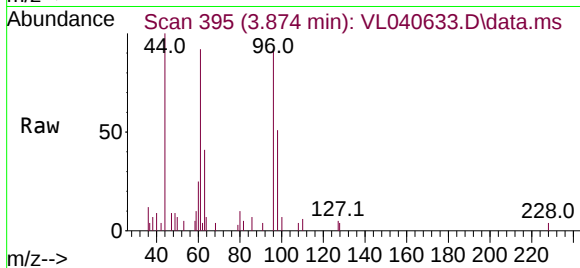
VSTDIC0.1

Tgt Ion: 59 Resp: 193

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.083 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.006 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

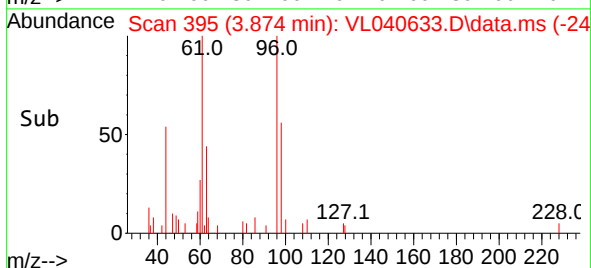
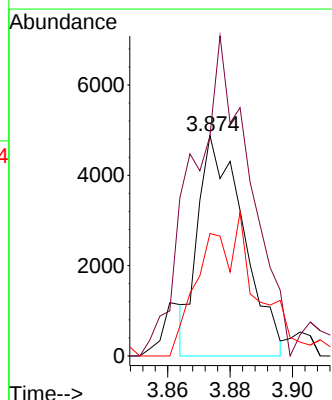
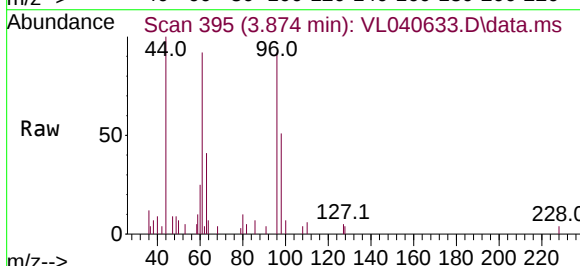
Tgt Ion: 96 Resp: 4914

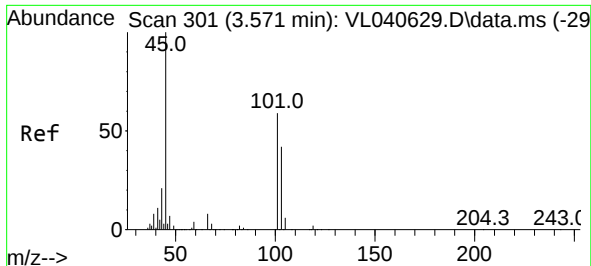
Ion Ratio Lower Upper

96 100

61 81.0 150.4 225.6#

98 48.7 49.7 74.5#

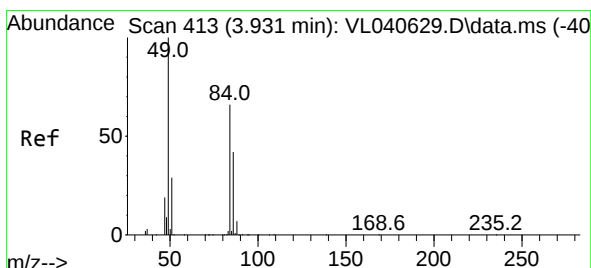
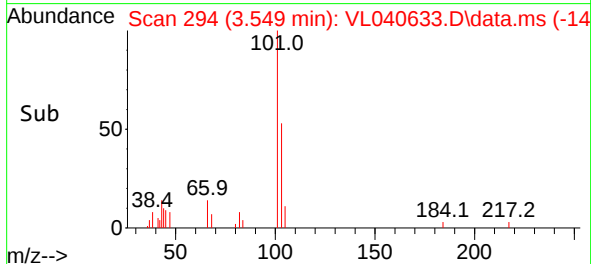
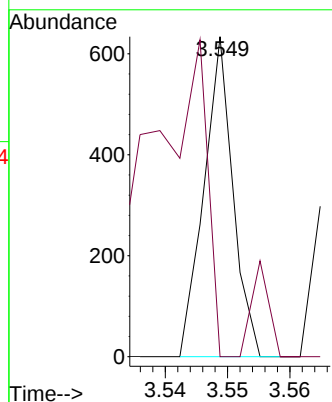
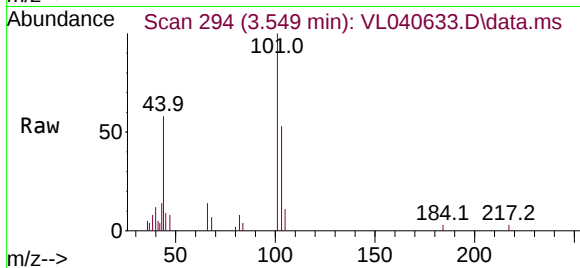




#19
Isopropyl Alcohol
Concen: 0.003 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.023 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

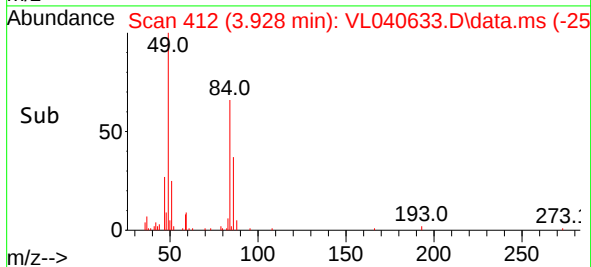
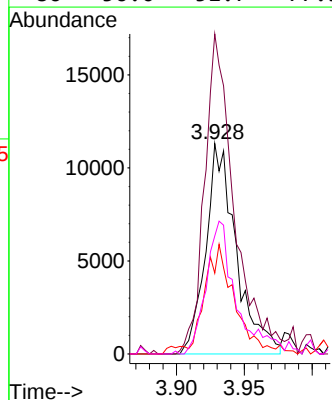
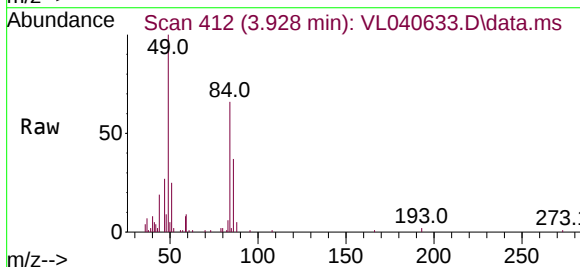
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

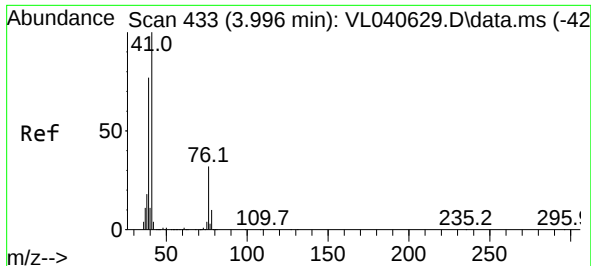
Tgt Ion: 45 Resp: 205
Ion Ratio Lower Upper
45 100
58 106.3 1.9 2.9#



#20
Methylene Chloride
Concen: 0.292 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 84 Resp: 17759
Ion Ratio Lower Upper
84 100
49 150.5 122.1 183.1
51 34.8 35.4 53.2#
86 56.0 51.7 77.5





#21

Allyl Chloride

Concen: 0.055 ppbv

RT: 3.993 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

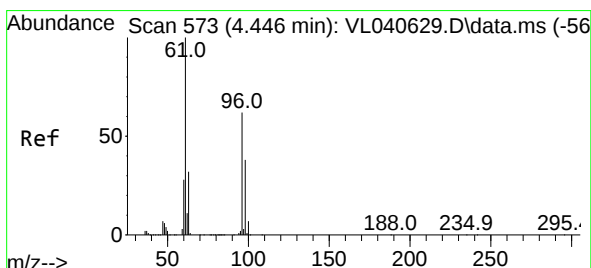
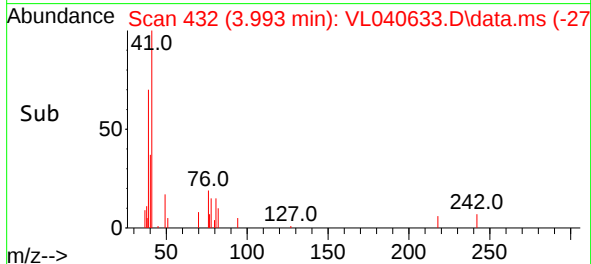
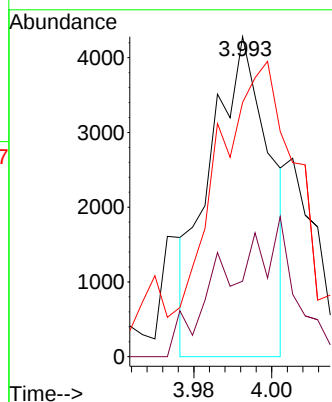
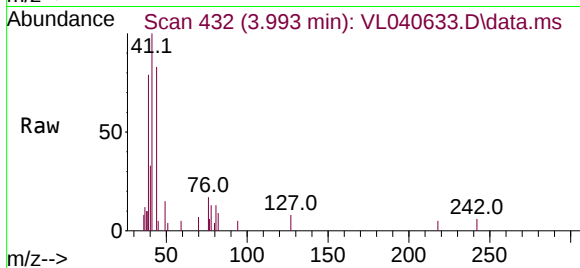
Tgt Ion: 41 Resp: 4533

Ion Ratio Lower Upper

41 100

76 0.0 25.5 38.3#

39 0.0 61.8 92.6#



#22

trans-1,2-Dichloroethene

Concen: 0.058 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.000 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

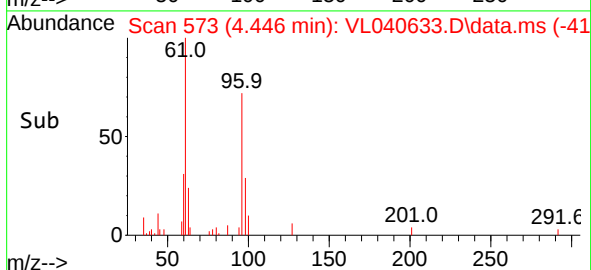
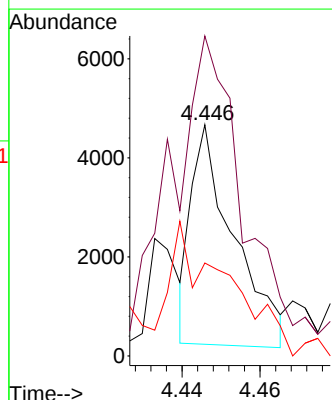
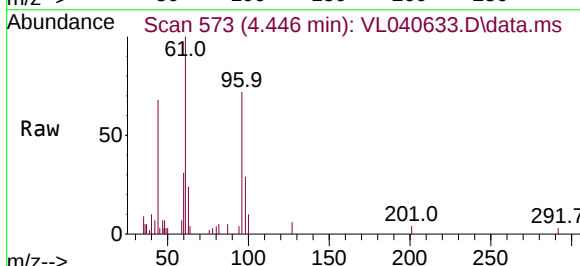
Tgt Ion: 96 Resp: 3376

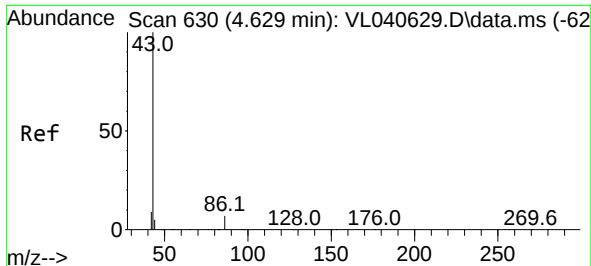
Ion Ratio Lower Upper

96 100

61 137.3 128.1 192.1

98 33.0 48.1 72.1#

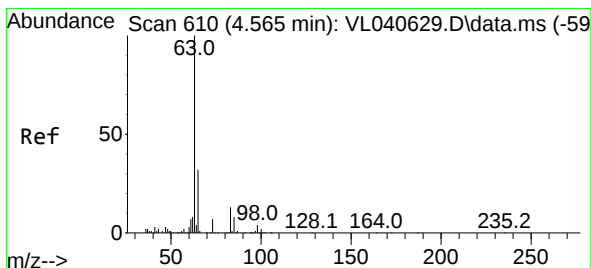
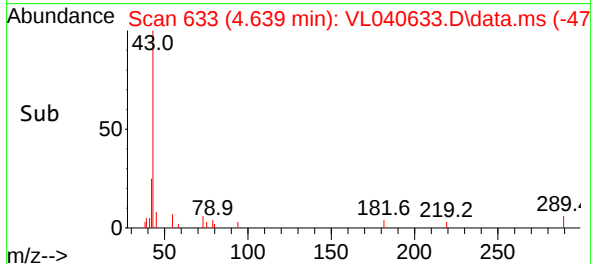
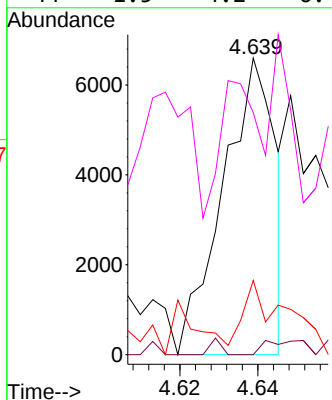
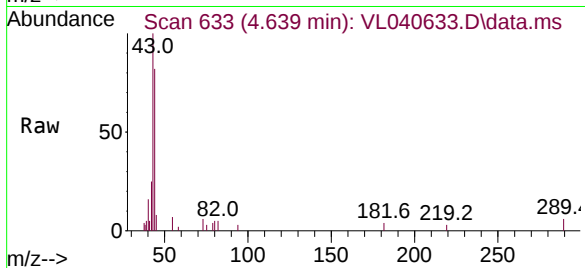




#23
 Vinyl Acetate
 Concen: 0.045 ppbv
 RT: 4.639 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

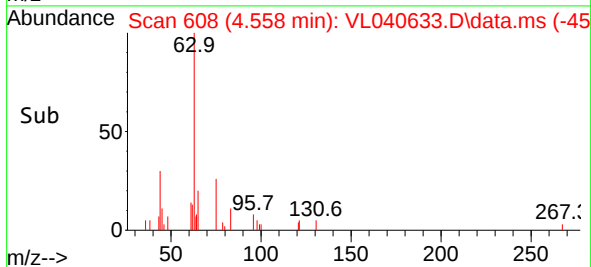
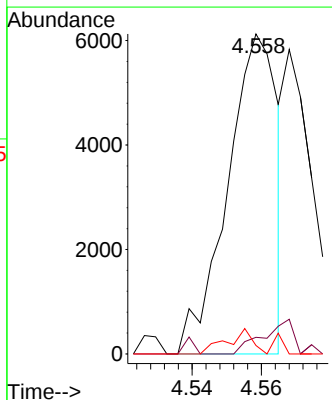
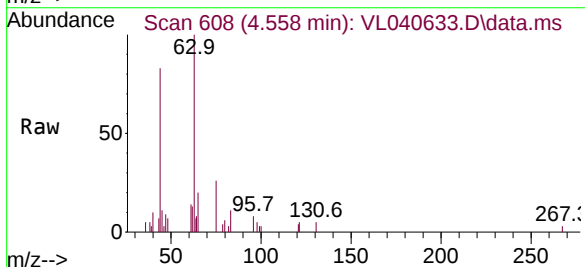
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

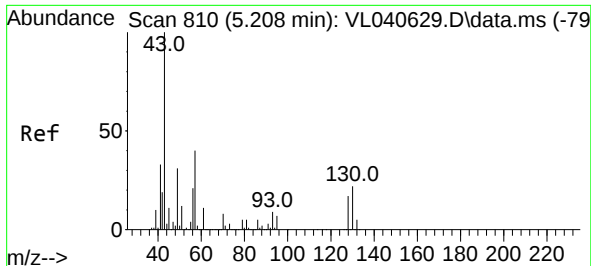
Tgt Ion:	43	Resp:	6144
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.6#
42	8.3	7.8	11.8
44	1.5	4.2	6.4#



#24
 1,1-Dichloroethane
 Concen: 0.050 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.006 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

Tgt Ion:	63	Resp:	6114
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.0	6.0
100	2.5	1.1	3.3

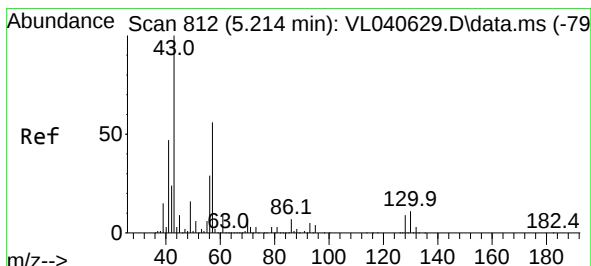
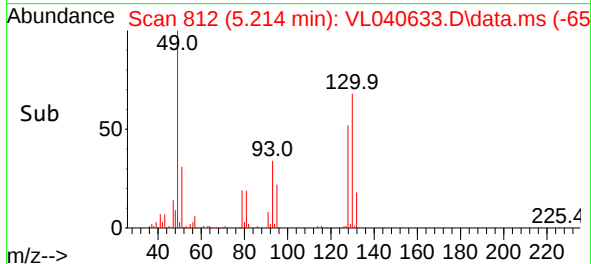
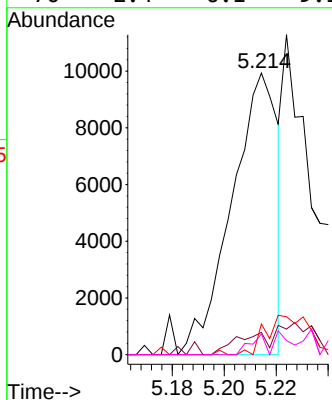
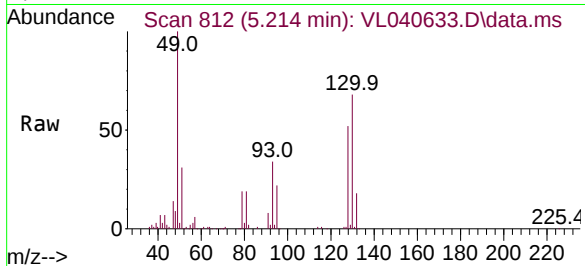




#25
Ethyl Acetate
Concen: 0.052 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

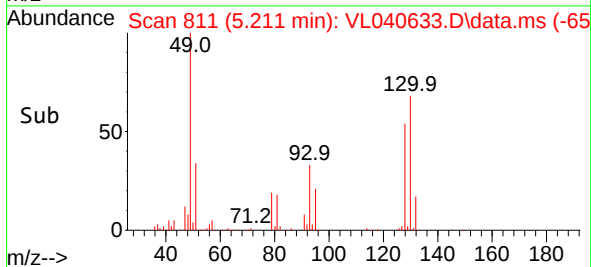
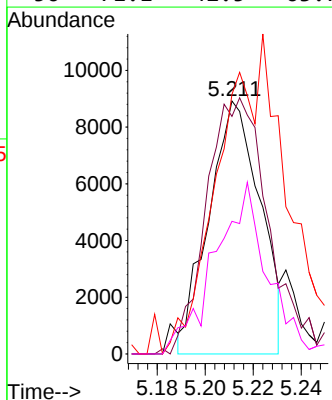
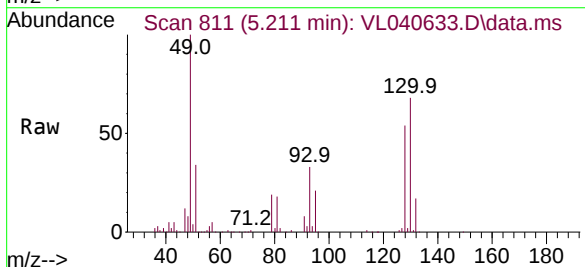
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

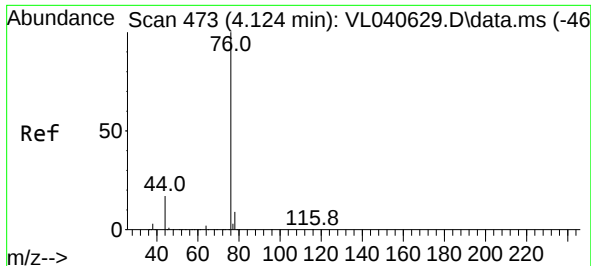
Tgt Ion:	43	Resp:	12096
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	8.3	12.5#
70	2.4	6.1	9.1#



#26
Hexane
Concen: 0.117 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion:	57	Resp:	13226
Ion	Ratio	Lower	Upper
57	100		
41	130.6	69.3	103.9#
43	0.0	177.9	266.9#
56	71.1	42.5	63.7#

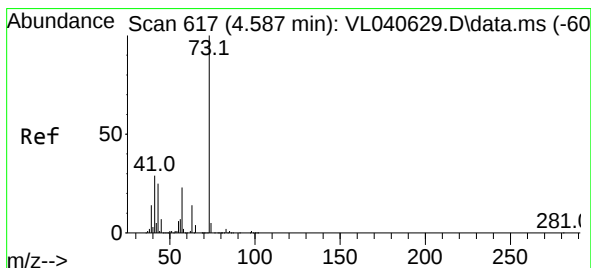
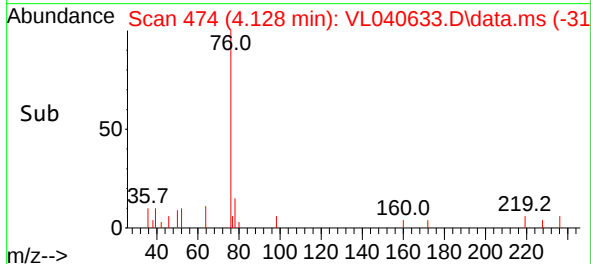
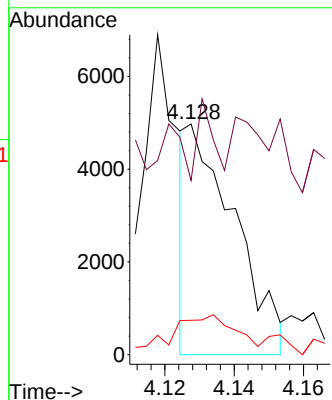
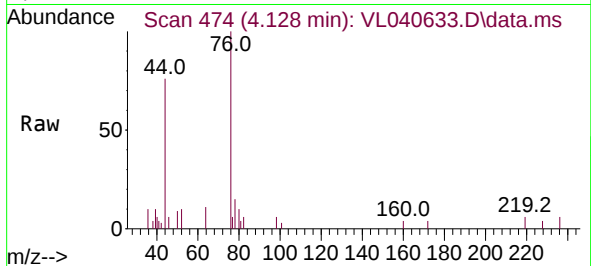




#27
Carbon Disulfide
Concen: 0.036 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

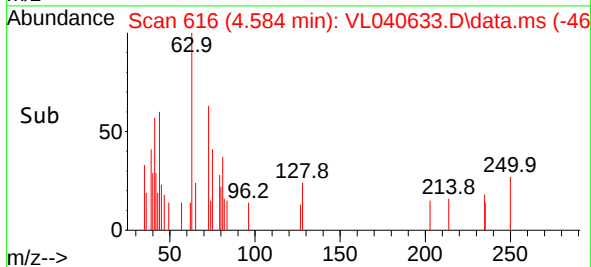
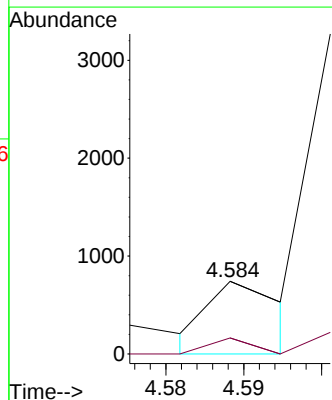
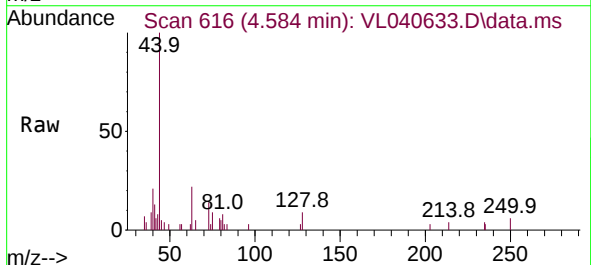
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

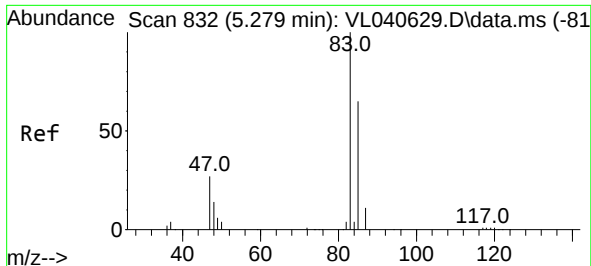
Tgt Ion: 76 Resp: 4786
Ion Ratio Lower Upper
76 100
44 216.3 14.3 21.5#
78 36.6 7.4 11.0#



#28
Methyl tert-Butyl Ether
Concen: 0.003 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 73 Resp: 245
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.046 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_L

ClientSampleId :

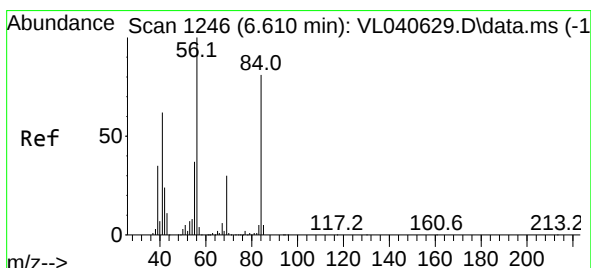
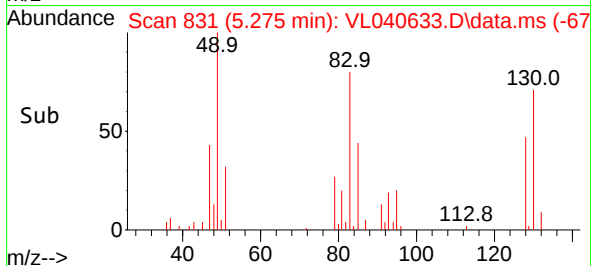
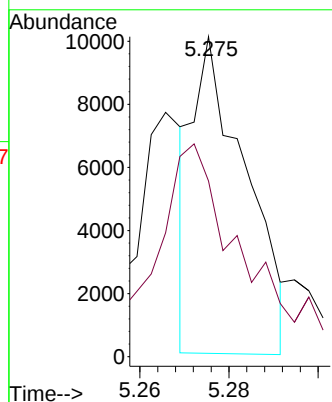
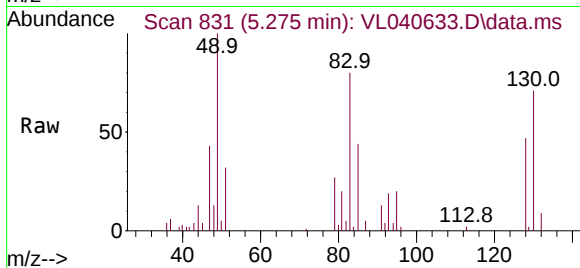
VSTDIC0.1

Tgt Ion: 83 Resp: 8280

Ion Ratio Lower Upper

83 100

85 49.8 52.2 78.2#



#30

Cyclohexane

Concen: 0.018 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

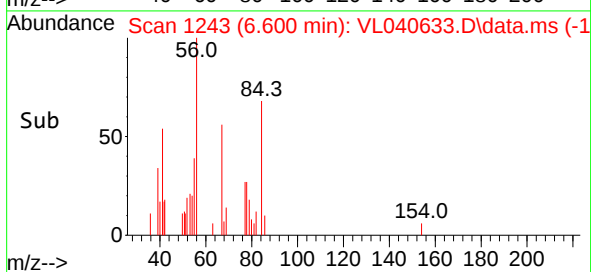
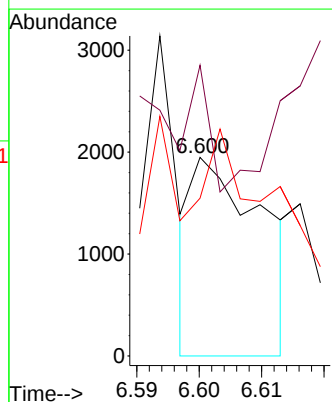
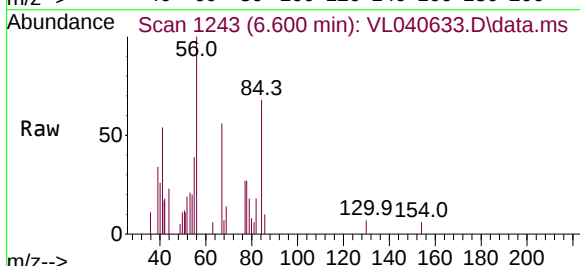
Tgt Ion: 84 Resp: 1520

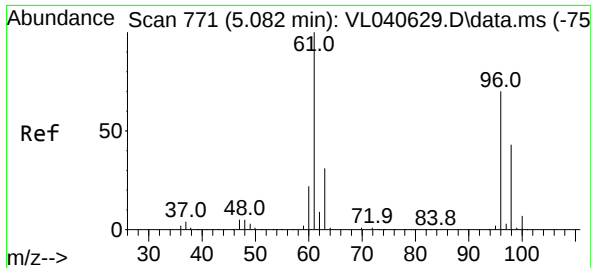
Ion Ratio Lower Upper

84 100

56 0.0 105.4 158.2#

41 0.0 64.2 96.2#

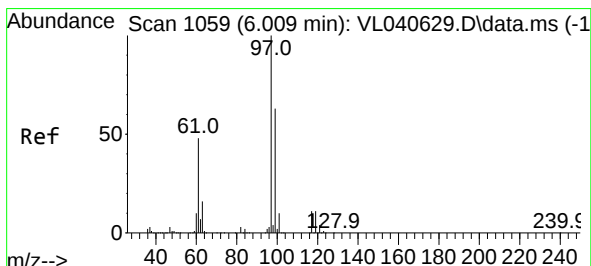
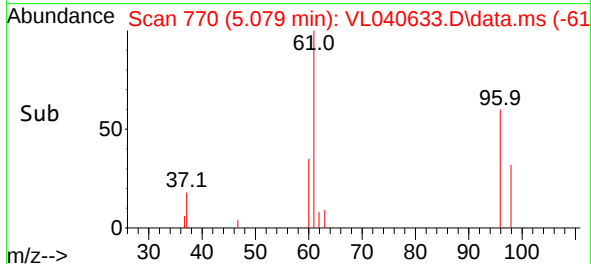
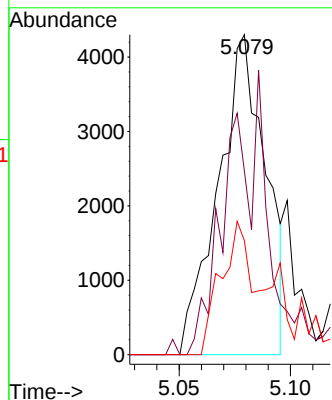
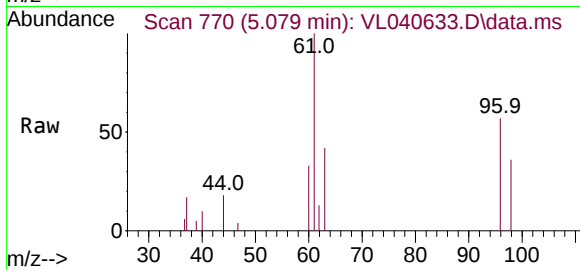




#31
 cis-1,2-Dichloroethene
 Concen: 0.062 ppbv
 RT: 5.079 min Scan# 771
 Delta R.T. -0.003 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

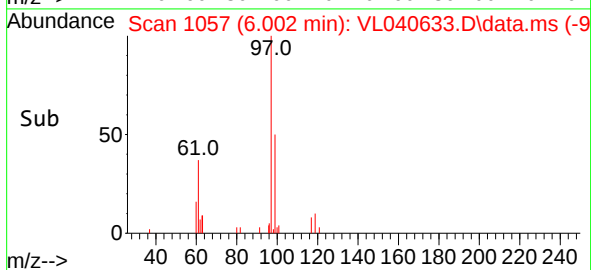
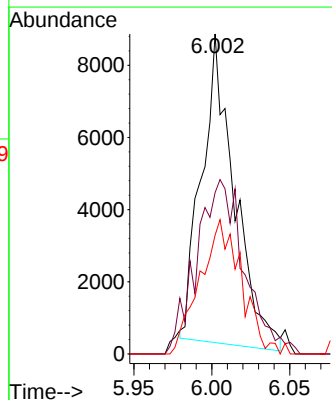
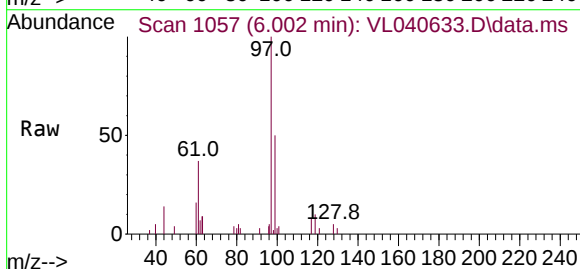
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tgt Ion: 61 Resp: 6344
 Ion Ratio Lower Upper
 61 100
 96 57.4 55.8 83.6
 98 35.6 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 0.073 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VL040633.D
 Acq: 15 Aug 2023 12:58

Tgt Ion: 97 Resp: 12498
 Ion Ratio Lower Upper
 97 100
 99 82.3 51.2 76.8#
 61 55.1 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

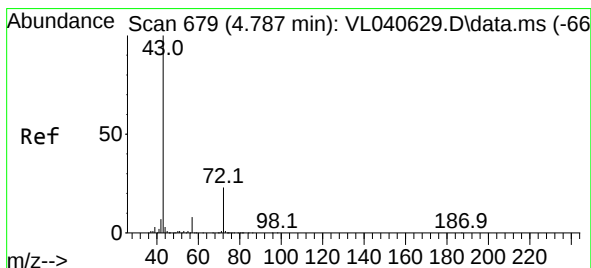
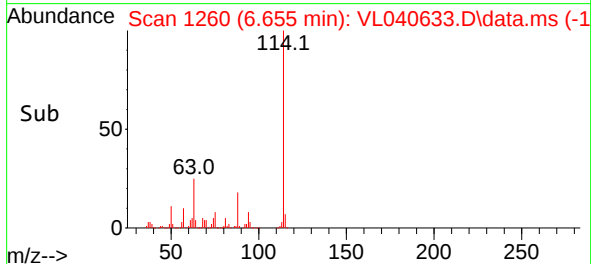
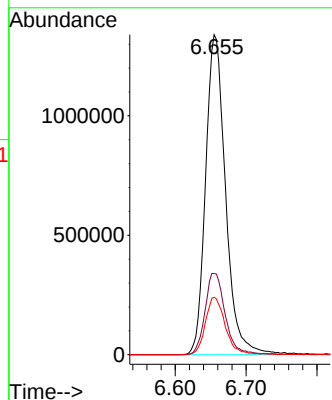
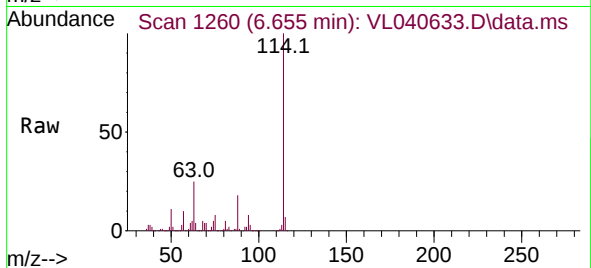
Tgt Ion:114 Resp: 2620176

Ion Ratio Lower Upper

114 100

63 25.8 20.2 30.2

88 18.0 14.1 21.1



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.016 min

Lab File: VL040633.D

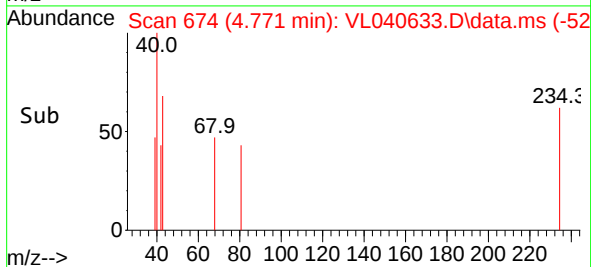
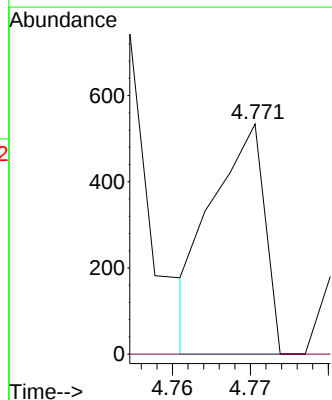
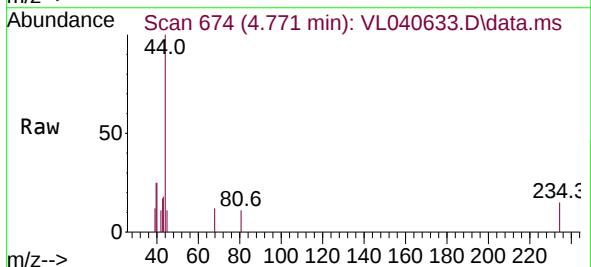
Acq: 15 Aug 2023 12:58

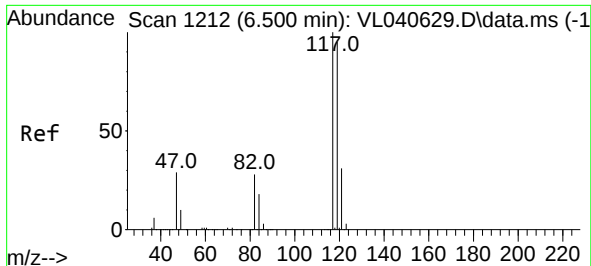
Tgt Ion: 43 Resp: 248

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#

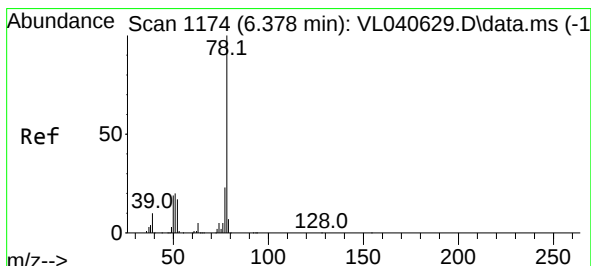
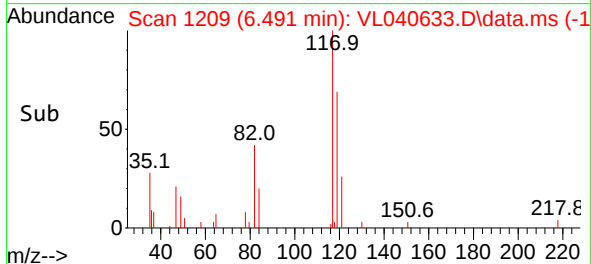
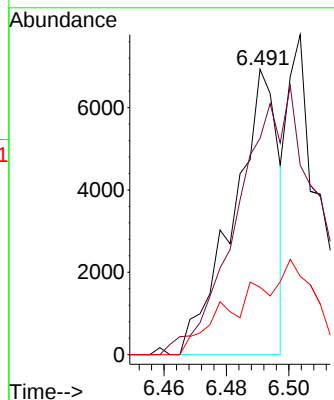
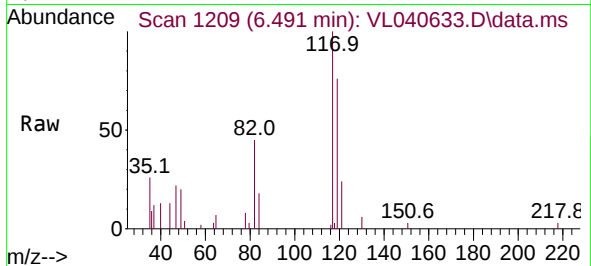




#35
Carbon Tetrachloride
Concen: 0.042 ppbv
RT: 6.491 min Scan# 1173
Delta R.T. -0.010 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

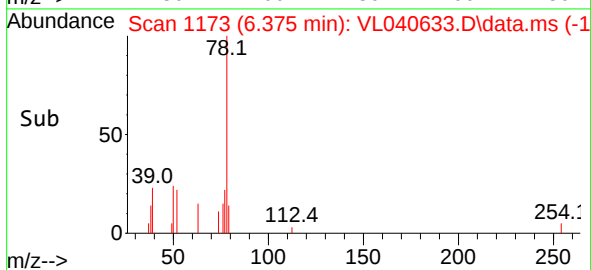
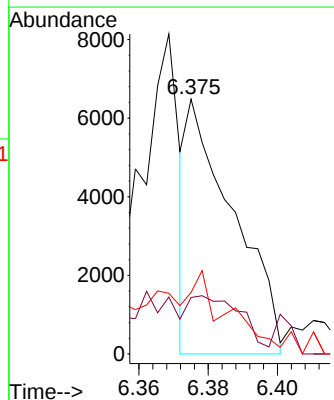
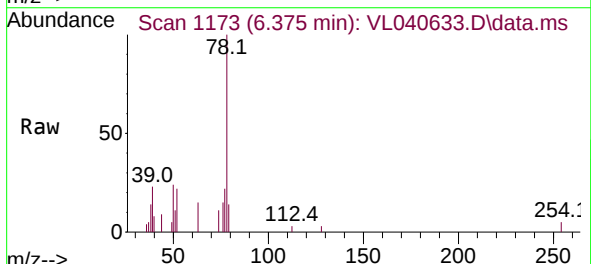
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

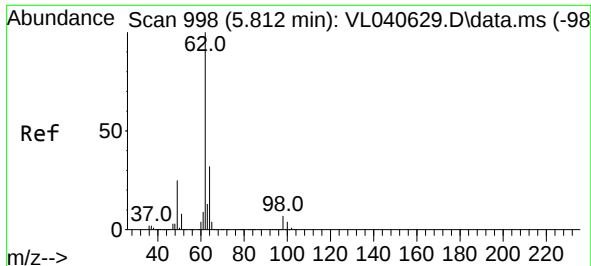
Tgt Ion:117 Resp: 6955
Ion Ratio Lower Upper
117 100
119 69.5 75.6 113.4#
121 23.7 24.9 37.3#



#36
Benzene
Concen: 0.029 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 78 Resp: 6080
Ion Ratio Lower Upper
78 100
77 8.9 18.2 27.2#
50 22.5 15.0 22.6

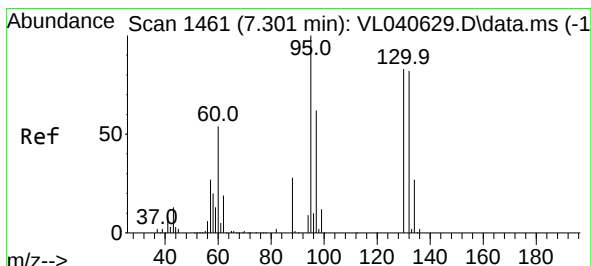
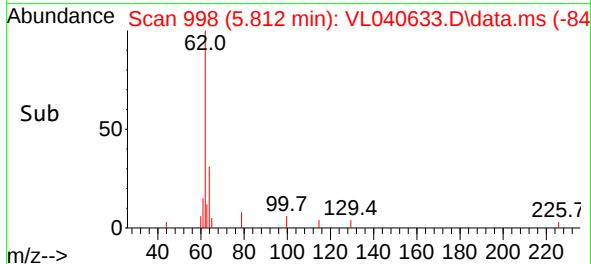
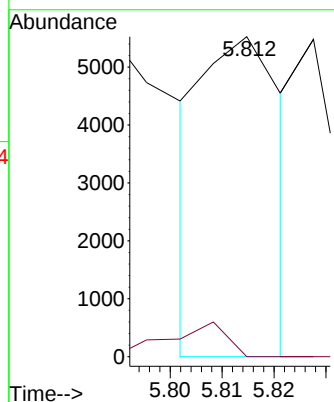
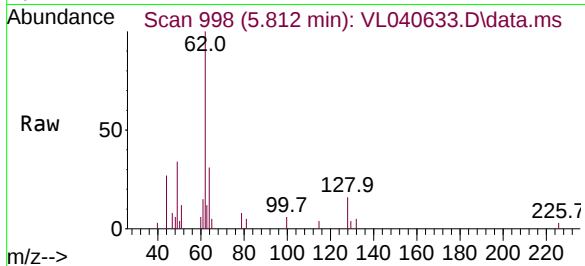




#37
1,2-Dichloroethane
Concen: 0.023 ppbv
RT: 5.812 min Scan# 998
Delta R.T. -0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

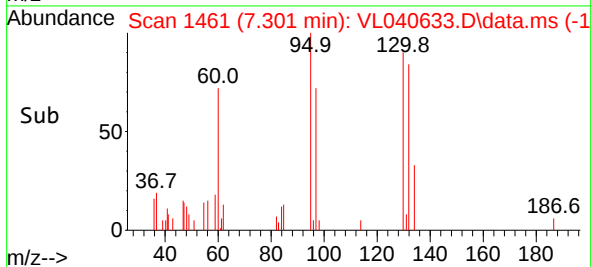
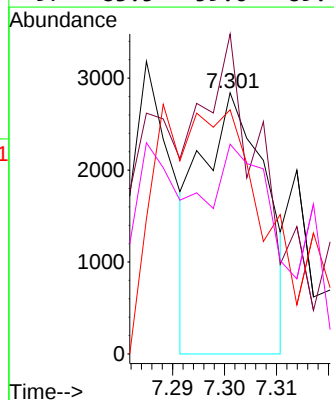
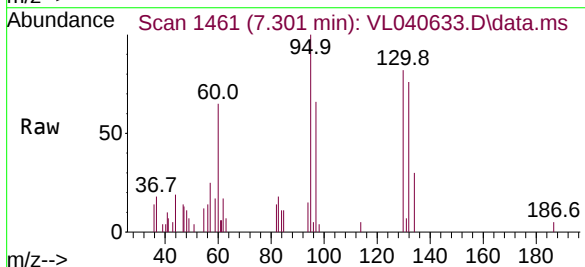
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

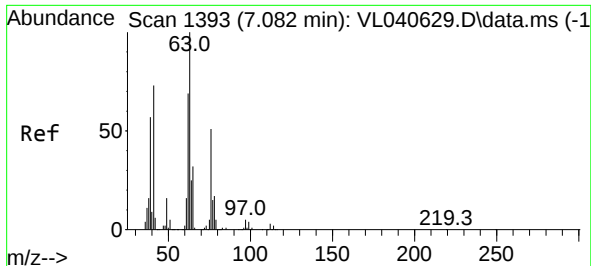
Tgt Ion: 62 Resp: 2922
Ion Ratio Lower Upper
62 100
98 12.8 4.9 7.3#



#38
Trichloroethene
Concen: 0.031 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 130 Resp: 2475
Ion Ratio Lower Upper
130 100
95 165.4 95.9 143.9#
132 75.2 79.0 118.4#
97 83.5 59.6 89.4





#39

1,2-Dichloropropane

Concen: 8.443 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.431 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

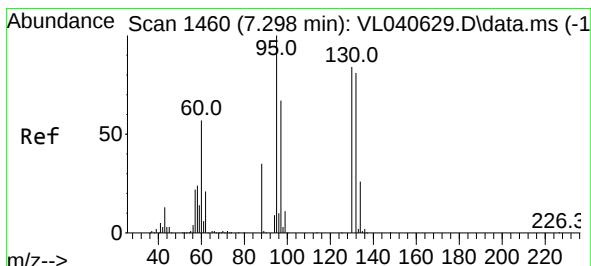
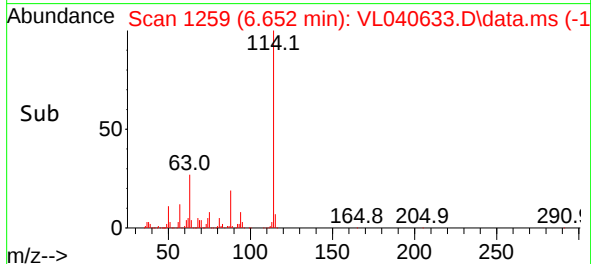
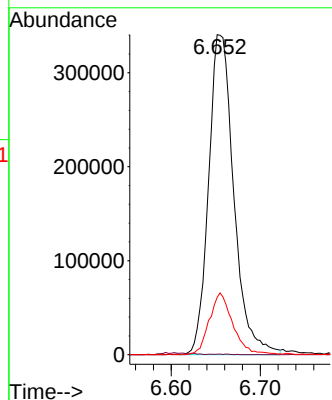
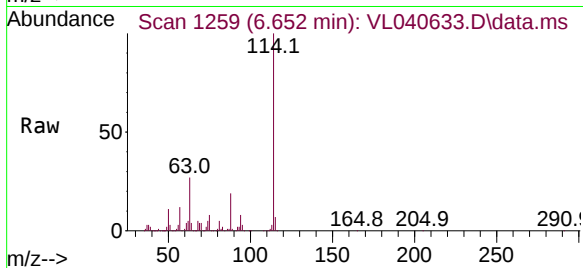
Tgt Ion: 63 Resp: 669554

Ion Ratio Lower Upper

63 100

41 0.2 58.2 87.2#

62 17.9 55.0 82.4#



#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Tgt Ion: 88 Resp: 36

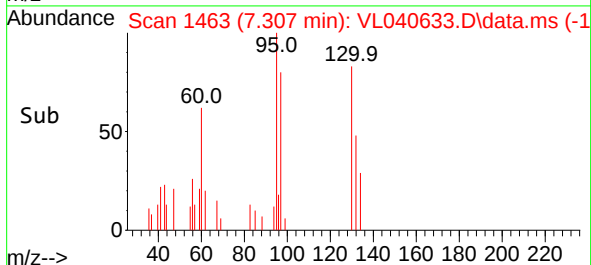
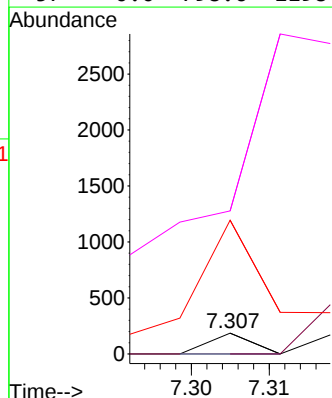
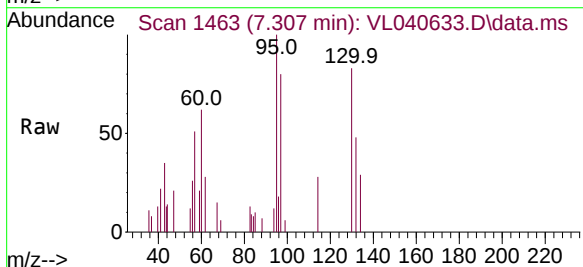
Ion Ratio Lower Upper

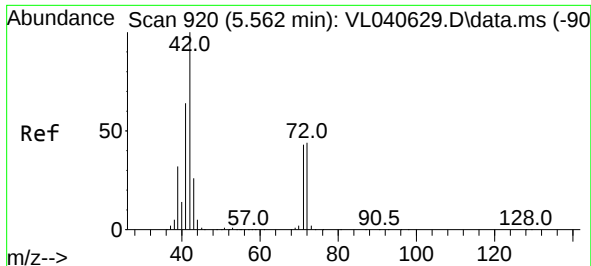
88 100

58 0.0 92.8 139.2#

43 0.0 179.1 268.7#

57 0.0 798.6 1198.0#

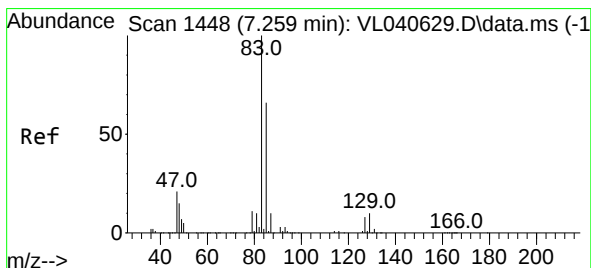
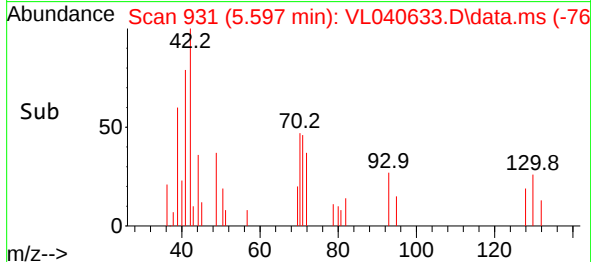
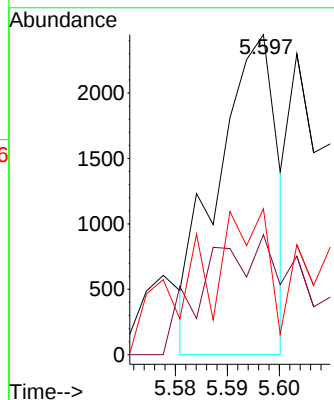
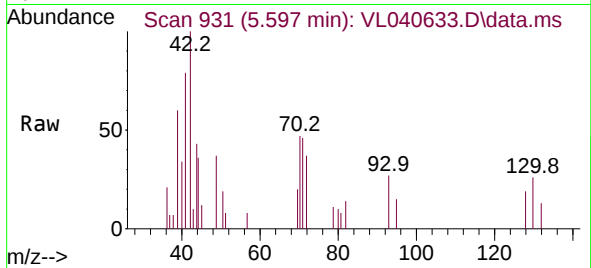




#41
Tetrahydrofuran
Concen: 0.026 ppbv
RT: 5.597 min Scan# 91
Delta R.T. 0.035 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

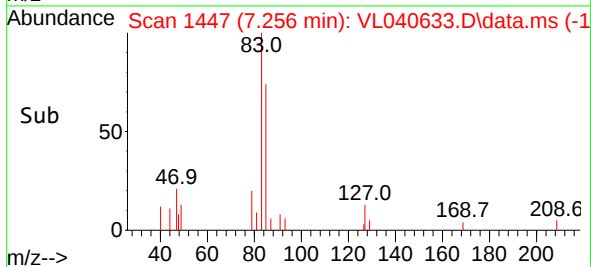
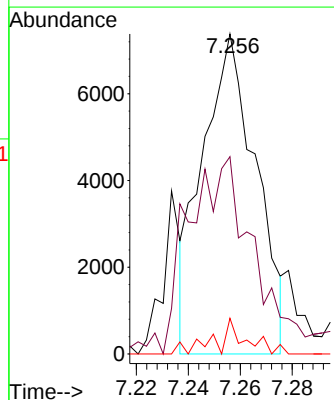
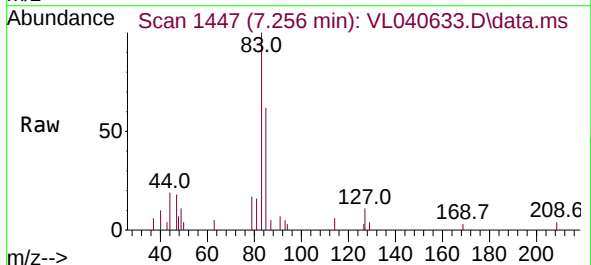
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

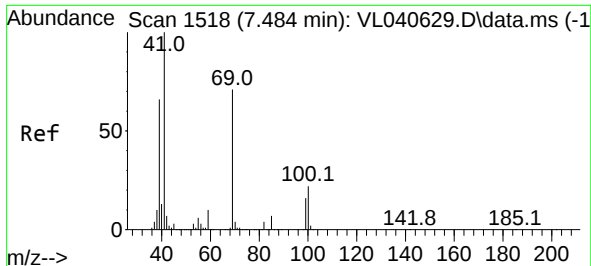
Tgt Ion: 42 Resp: 1954
Ion Ratio Lower Upper
42 100
72 85.6 34.2 51.4#
71 108.3 33.4 50.0#



#42
Bromodichloromethane
Concen: 0.060 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 83 Resp: 10577
Ion Ratio Lower Upper
83 100
85 66.3 52.5 78.7
127 10.9 6.1 9.1#

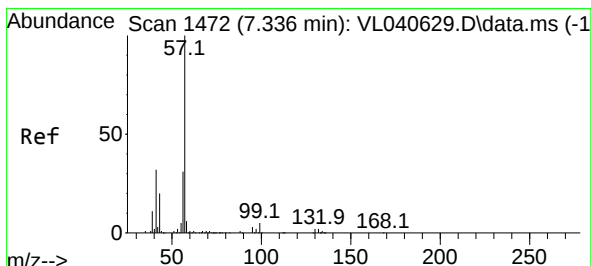
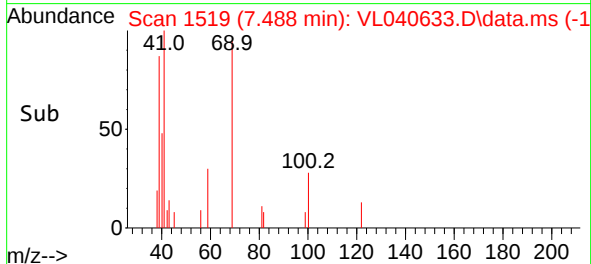
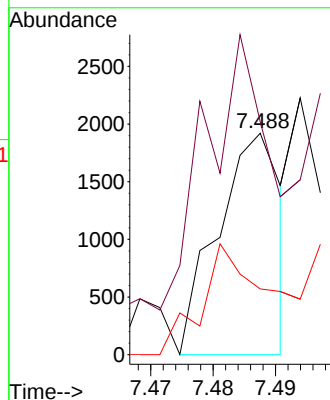
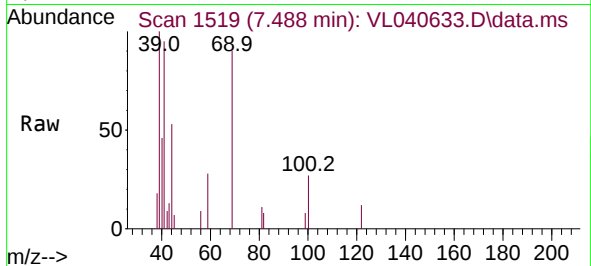




#43
Methyl Methacrylate
Concen: 0.017 ppbv
RT: 7.488 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

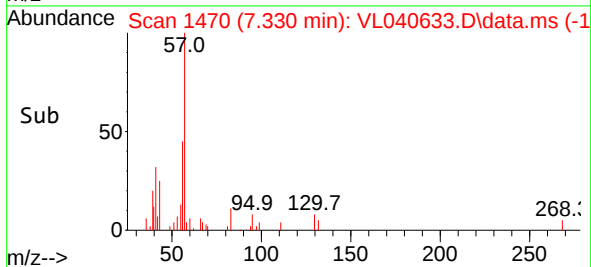
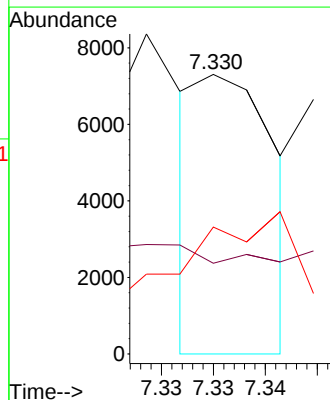
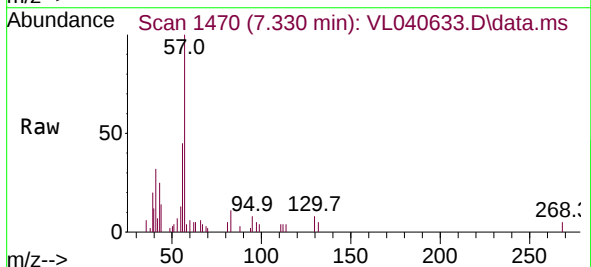
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

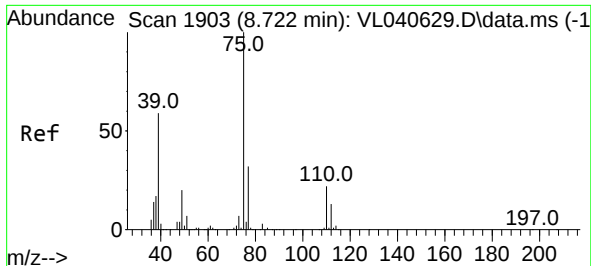
Tgt Ion: 69 Resp: 1358
Ion Ratio Lower Upper
69 100
41 398.5 111.8 167.8#
100 102.4 25.8 38.6#



#44
2,2,4-Trimethylpentane
Concen: 0.011 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 57 Resp: 3741
Ion Ratio Lower Upper
57 100
41 0.0 26.2 39.4#
56 0.0 24.7 37.1#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 8.709 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

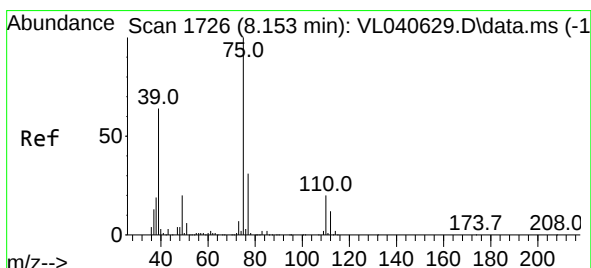
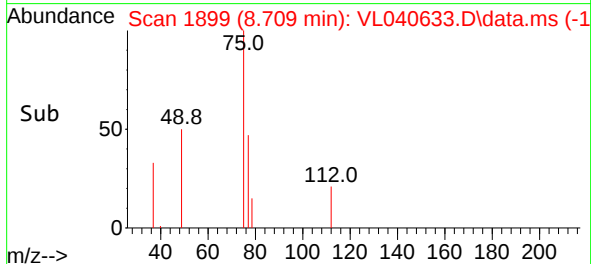
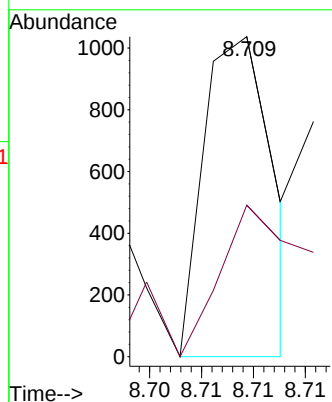
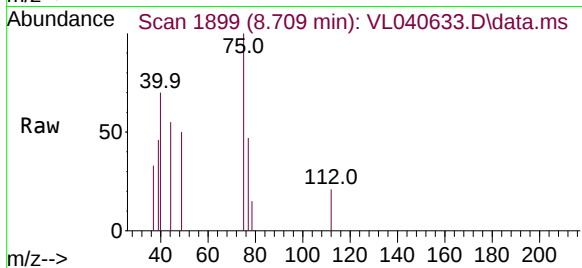
VSTDIC0.1

Tgt Ion: 75 Resp: 482

Ion Ratio Lower Upper

75 100

77 47.3 25.6 38.4#



#46

cis-1,3-Dichloropropene

Concen: 0.021 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

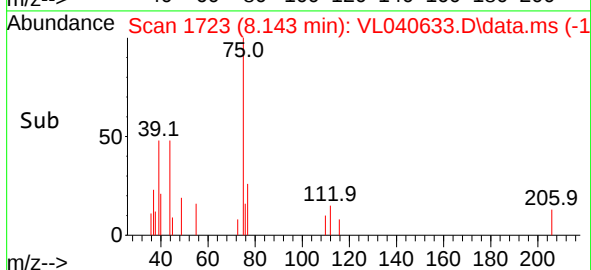
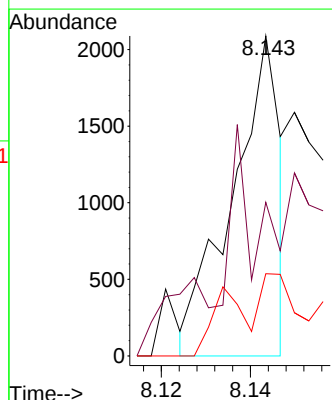
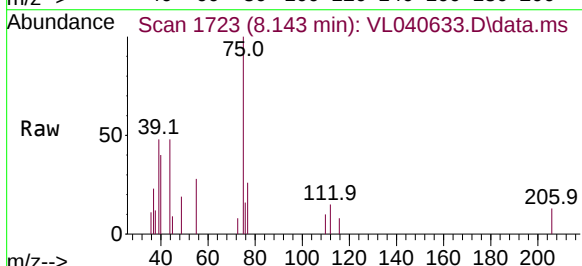
Tgt Ion: 75 Resp: 1554

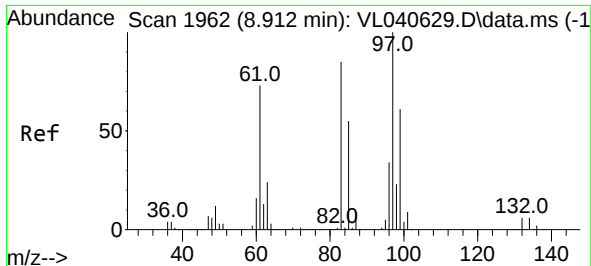
Ion Ratio Lower Upper

75 100

39 31.1 51.0 76.4#

77 27.8 24.6 36.8



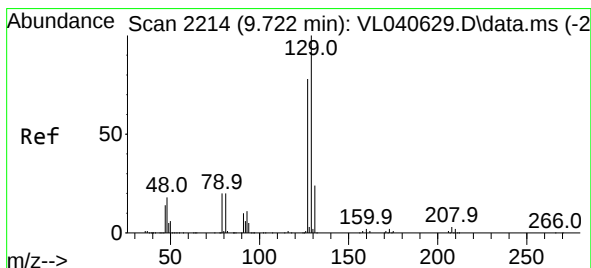
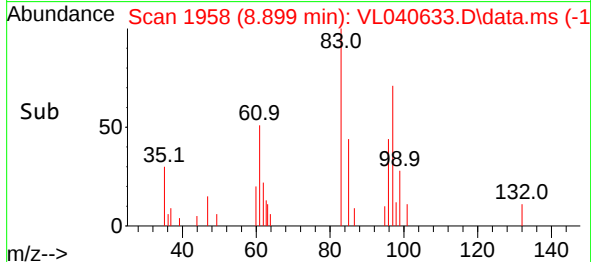
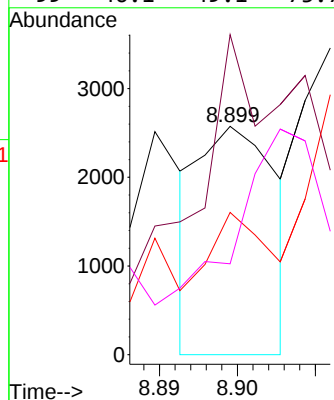
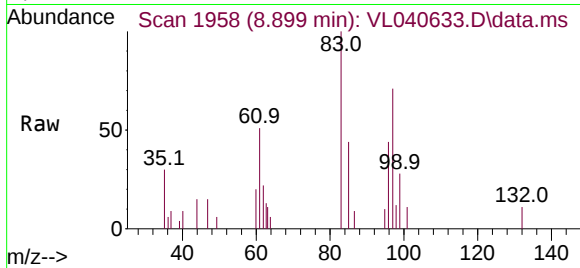


#47
1,1,2-Trichloroethane
Concen: 0.020 ppbv
RT: 8.899 min Scan# 1962
Delta R.T. -0.013 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 97 Resp: 1768

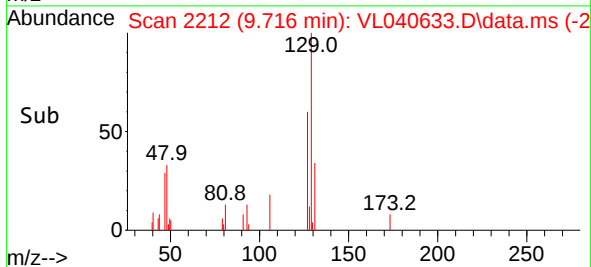
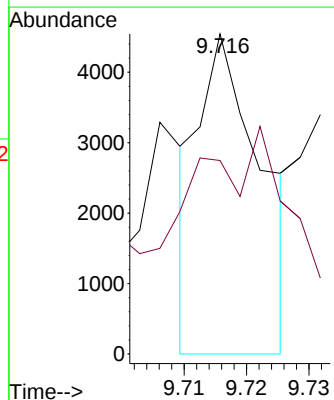
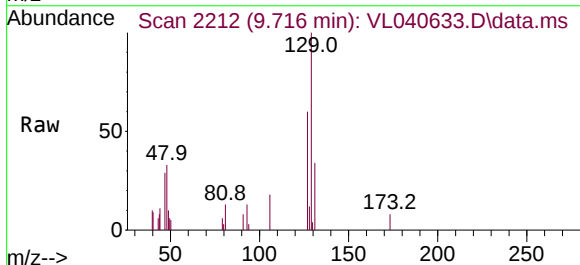
Ion	Ratio	Lower	Upper
97	100		
83	355.2	67.8	101.8#
85	148.7	44.0	66.0#
99	46.1	49.1	73.7#

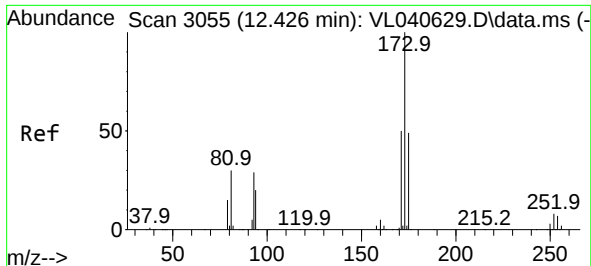


#48
Dibromochloromethane
Concen: 0.022 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 129 Resp: 3154

Ion	Ratio	Lower	Upper
129	100		
127	200.8	38.9	116.7#





#49

Bromoform

Concen: 0.013 ppbv

RT: 12.417 min Scan# 3055

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

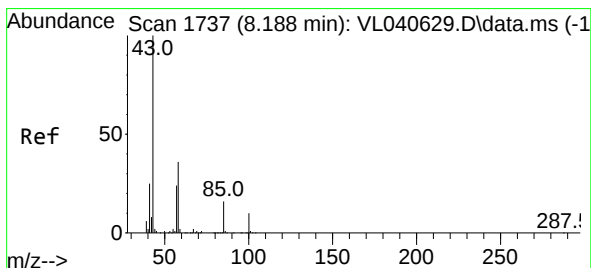
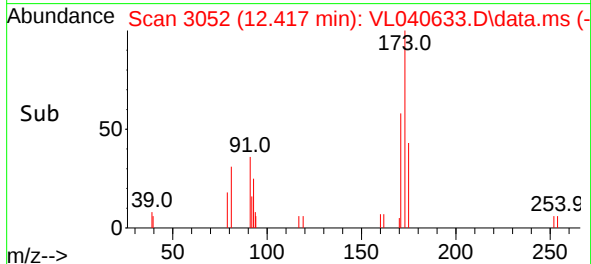
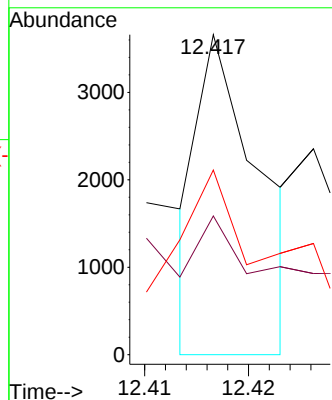
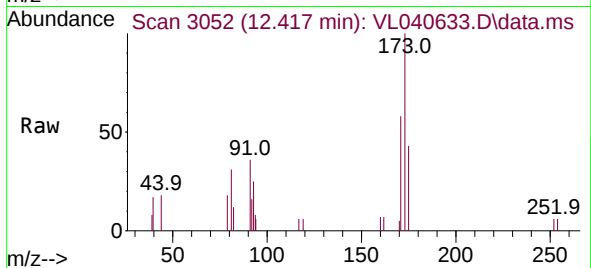
Tgt Ion:173 Resp: 1505

Ion Ratio Lower Upper

173 100

175 185.0 39.0 58.6#

171 206.4 41.9 62.9#



#50

4-Methyl-2-Pentanone

Concen: 0.011 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.019 min

Lab File: VL040633.D

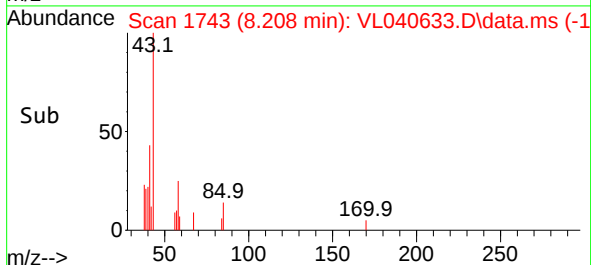
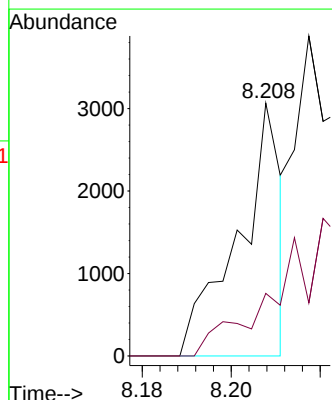
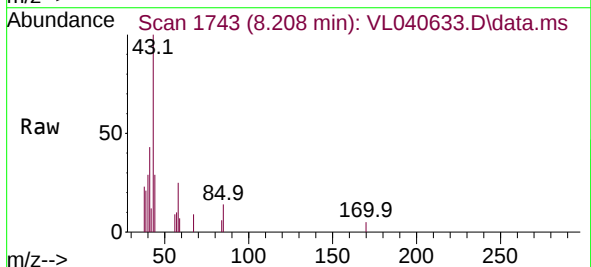
Acq: 15 Aug 2023 12:58

Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

43 100

58 0.0 29.2 43.8#

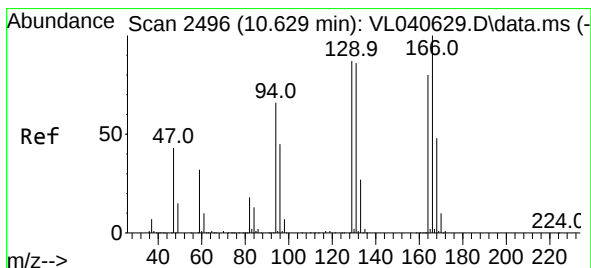
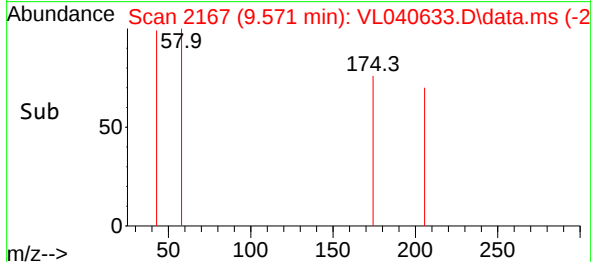
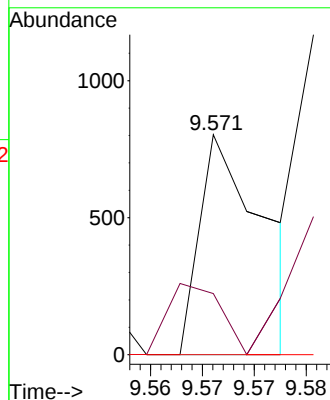
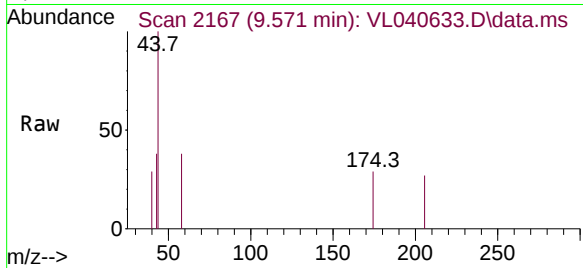




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 9.571 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

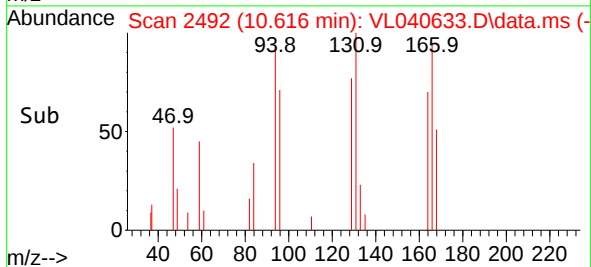
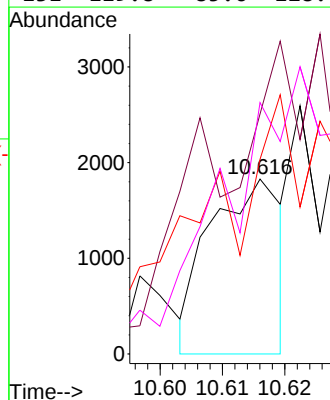
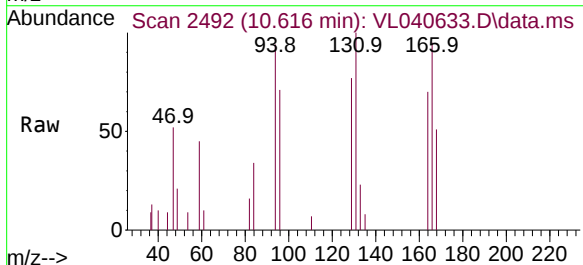
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

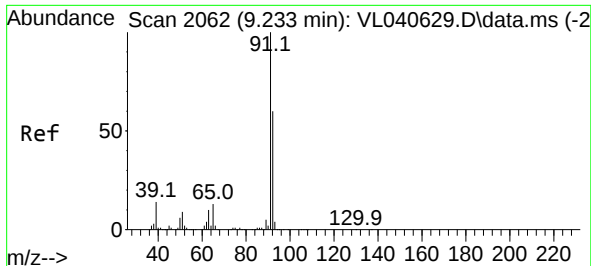
Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
58 0.0 39.4 59.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.022 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.013 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 164 Resp: 1467
Ion Ratio Lower Upper
164 100
166 55.2 99.5 149.3#
129 40.3 86.9 130.3#
131 119.8 85.6 128.4

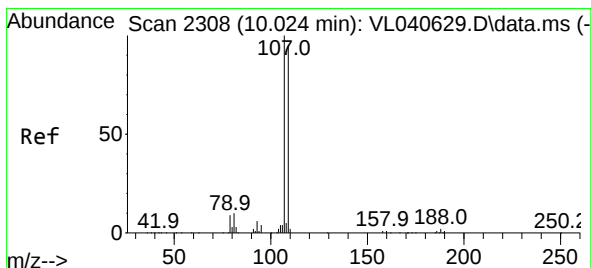
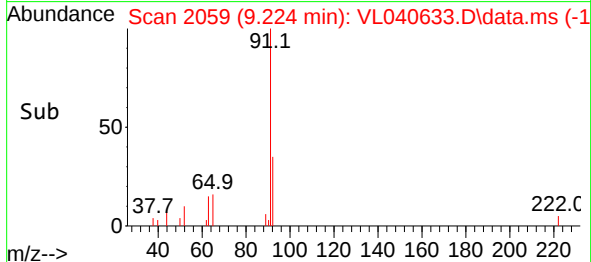
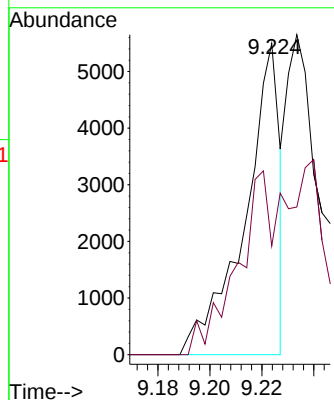
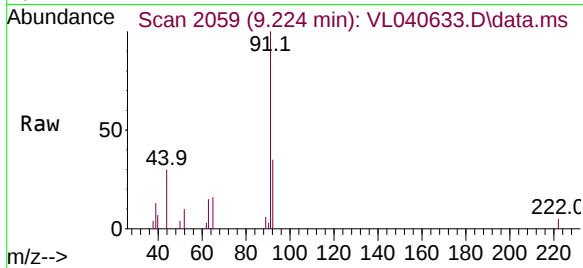




#53
Toluene
Concen: 0.023 ppbv
RT: 9.224 min Scan# 2062
Delta R.T. -0.010 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

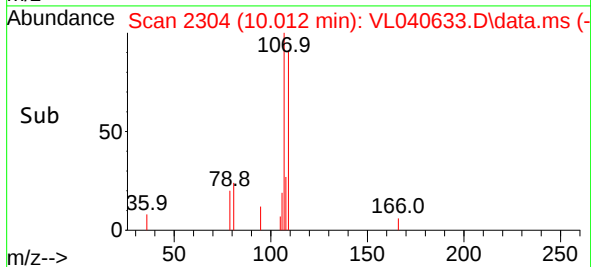
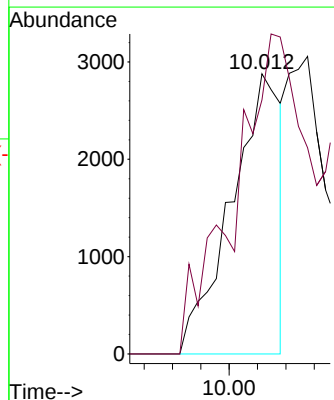
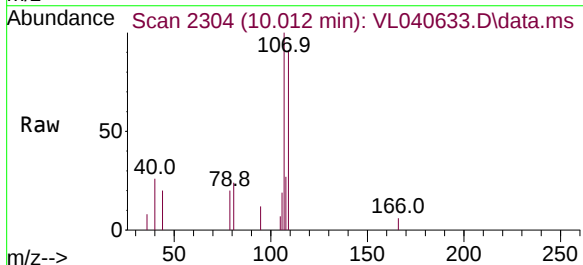
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

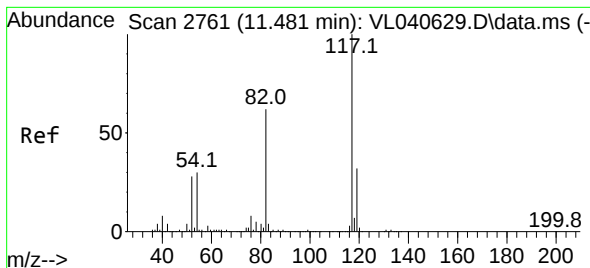
Tgt Ion: 91 Resp: 5126
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0#



#54
1,2-Dibromoethane
Concen: 0.032 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.013 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 107 Resp: 3469
Ion Ratio Lower Upper
107 100
109 90.7 75.7 113.5

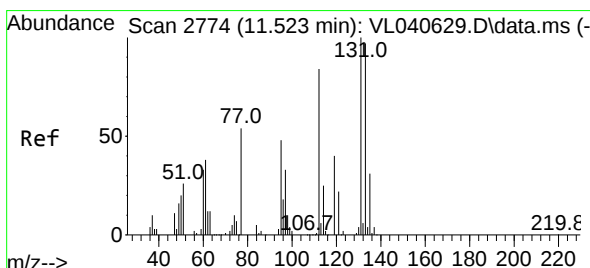
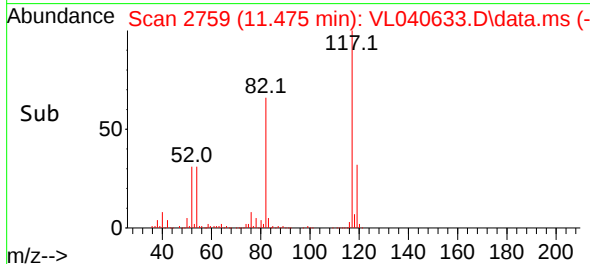
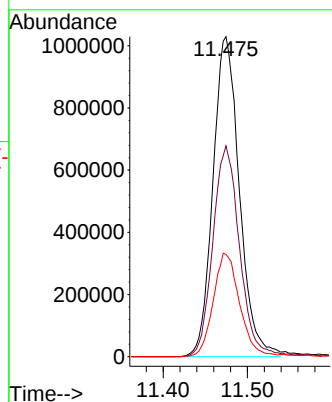
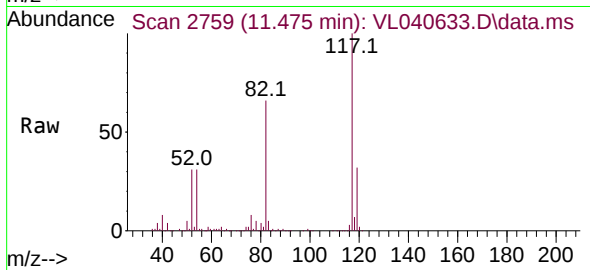




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

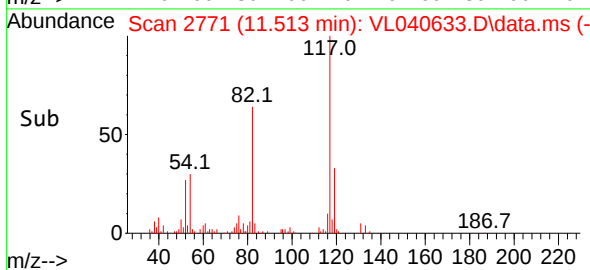
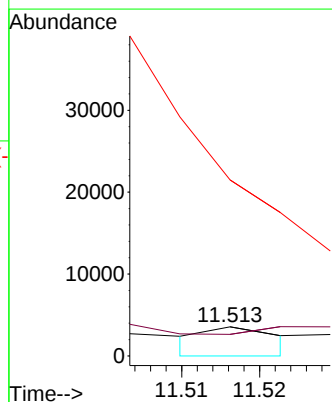
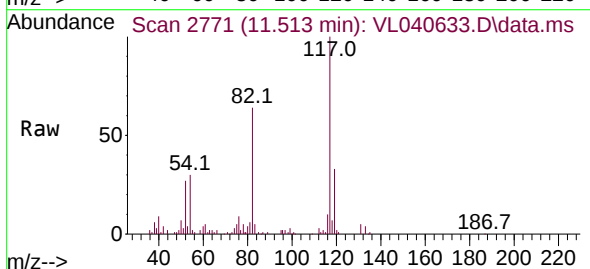
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

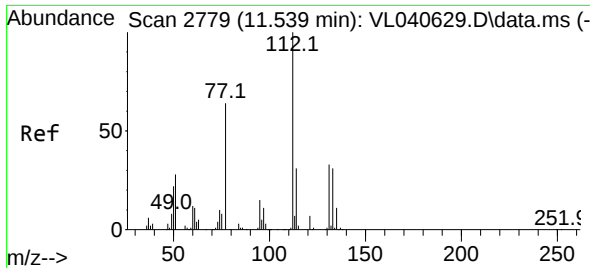
Tgt Ion:117 Resp: 2236288
Ion Ratio Lower Upper
117 100
82 67.6 49.5 74.3
119 32.8 24.5 36.7



#56
1,1,1,2-Tetrachloroethane
Concen: 0.011 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.010 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion:131 Resp: 1166
Ion Ratio Lower Upper
131 100
133 0.0 75.4 113.0#
119 0.0 51.0 76.6#

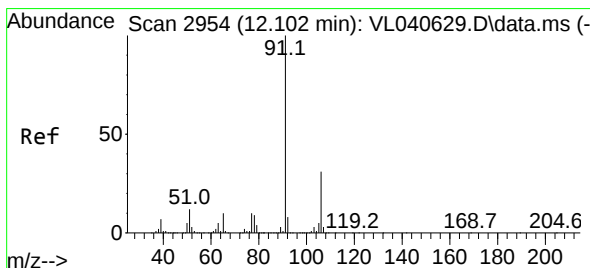
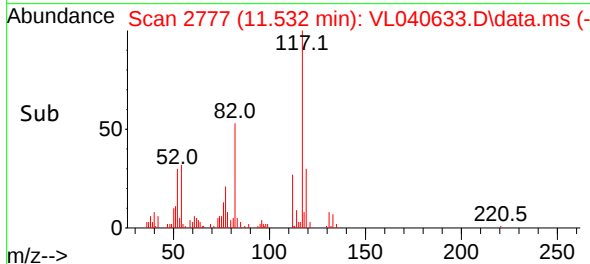
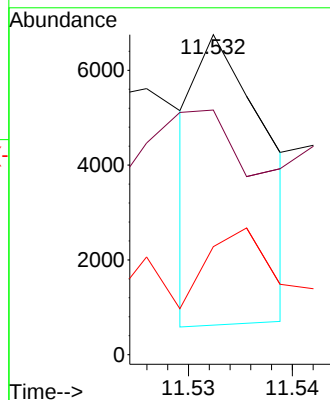
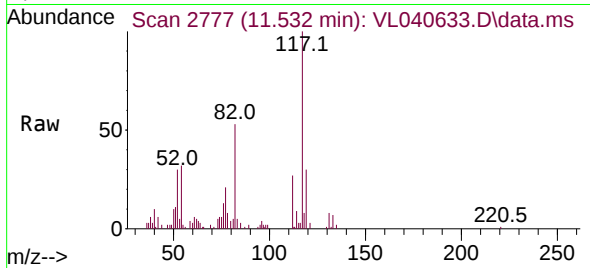




#57
Chlorobenzene
Concen: 0.016 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

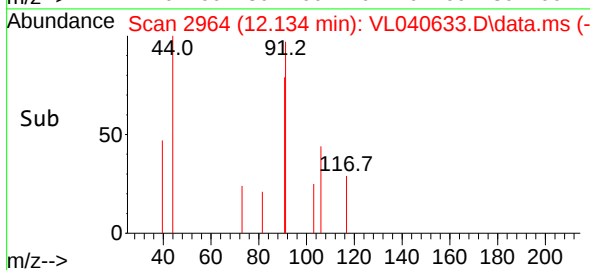
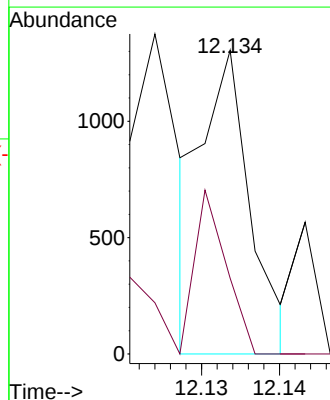
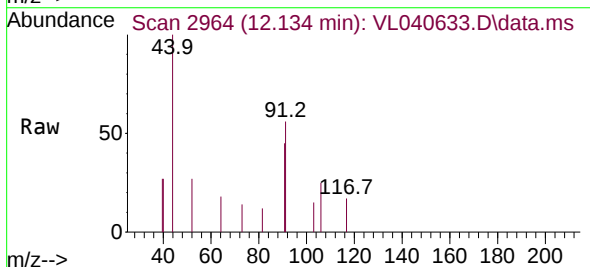
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

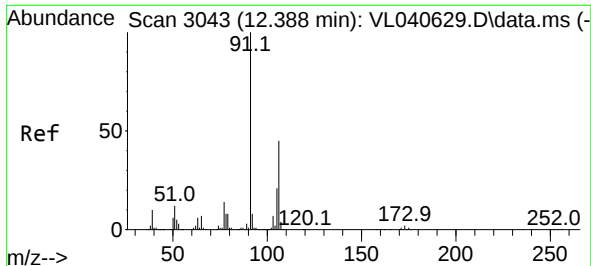
Tgt Ion:112 Resp: 2806
Ion Ratio Lower Upper
112 100
77 49.8 52.5 78.7#
114 52.8 27.8 34.0#



#58
Ethyl Benzene
Concen: 0.002 ppbv
RT: 12.134 min Scan# 2964
Delta R.T. 0.032 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 91 Resp: 553
Ion Ratio Lower Upper
91 100
106 29.8 24.6 36.8





#59

m/p-Xylene

Concen: 0.009 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

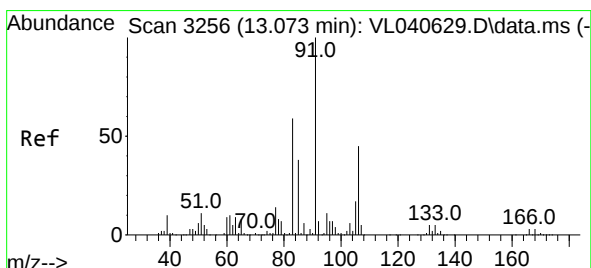
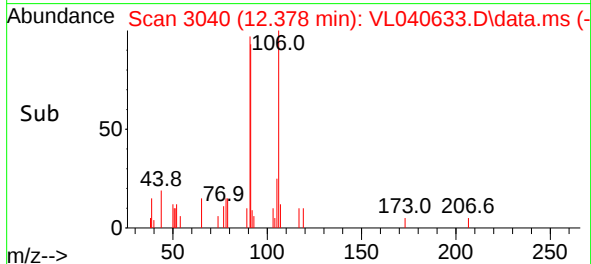
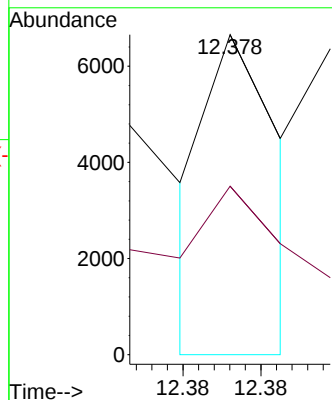
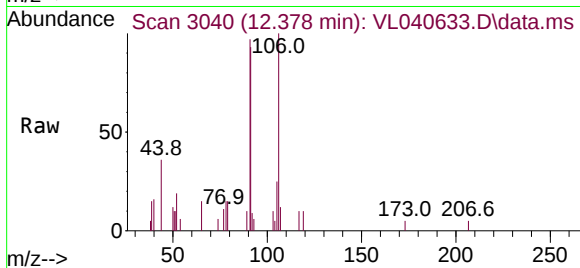
VSTDIC0.1

Tgt Ion: 91 Resp: 2153

Ion Ratio Lower Upper

91 100

106 295.8 35.3 52.9#



#60

o-Xylene

Concen: 0.021 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.010 min

Lab File: VL040633.D

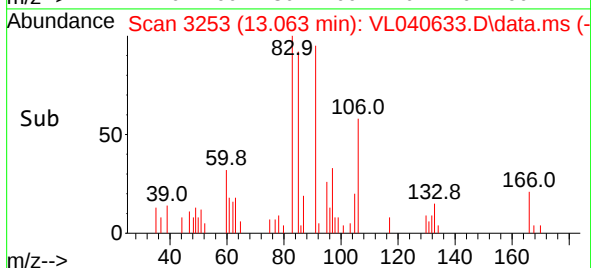
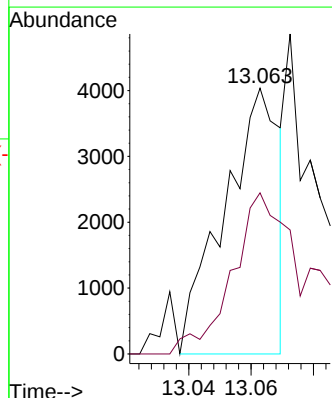
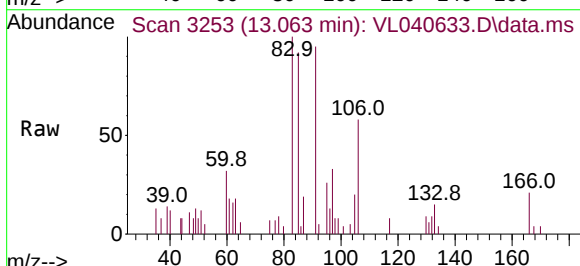
Acq: 15 Aug 2023 12:58

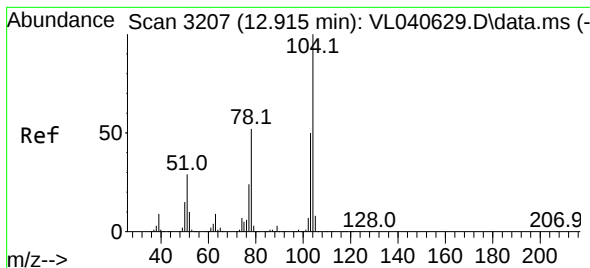
Tgt Ion: 91 Resp: 4943

Ion Ratio Lower Upper

91 100

106 85.6 22.5 67.5#





#61

Styrene

Concen: 0.006 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

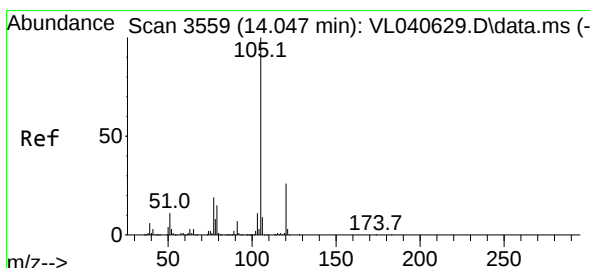
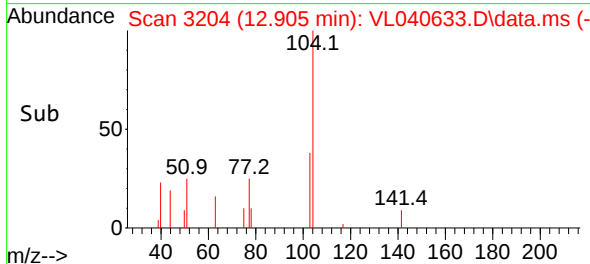
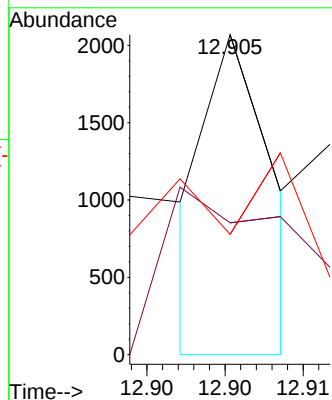
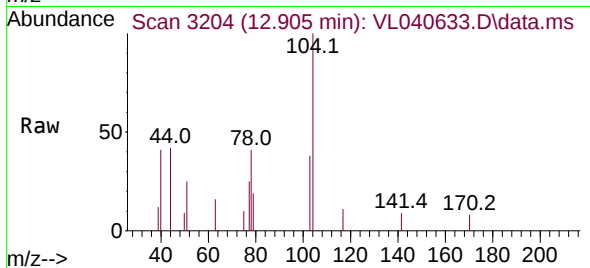
Tgt Ion:104 Resp: 602

Ion Ratio Lower Upper

104 100

78 0.0 41.0 61.4#

103 328.1 37.3 55.9#



#62

Isopropylbenzene

Concen: 0.014 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.010 min

Lab File: VL040633.D

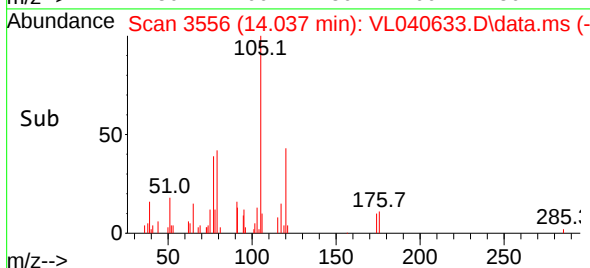
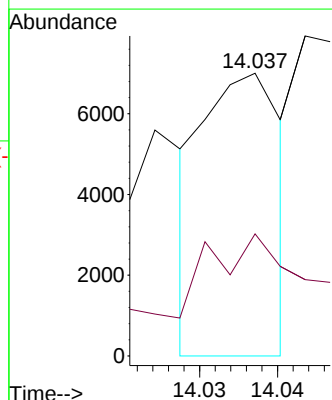
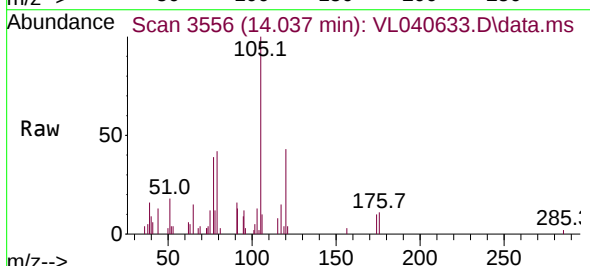
Acq: 15 Aug 2023 12:58

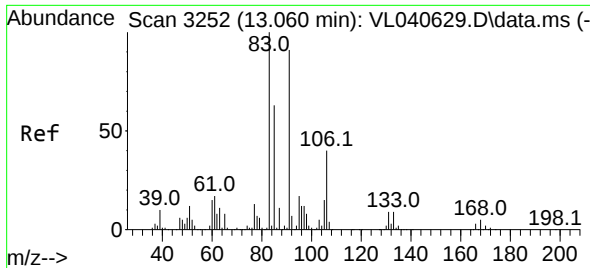
Tgt Ion:105 Resp: 4909

Ion Ratio Lower Upper

105 100

120 125.3 20.3 30.5#

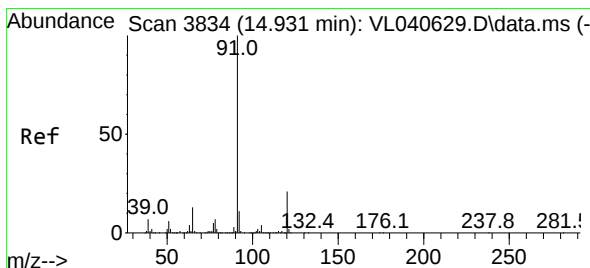
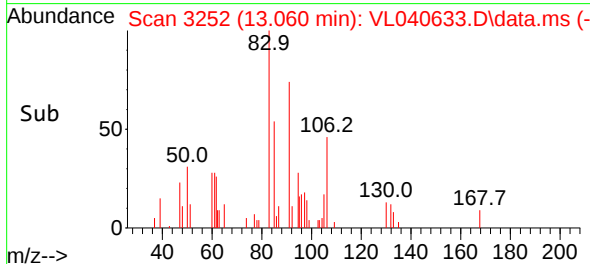
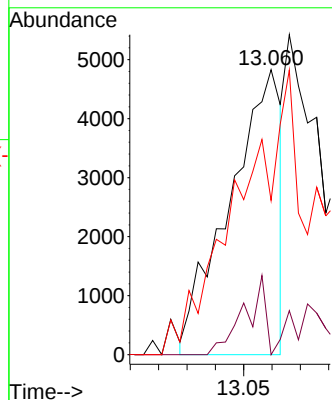
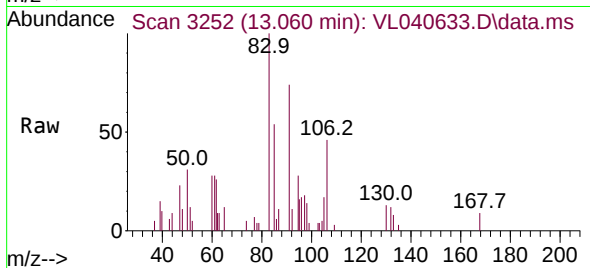




#63
1,1,2,2-Tetrachloroethane
Concen: 0.035 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

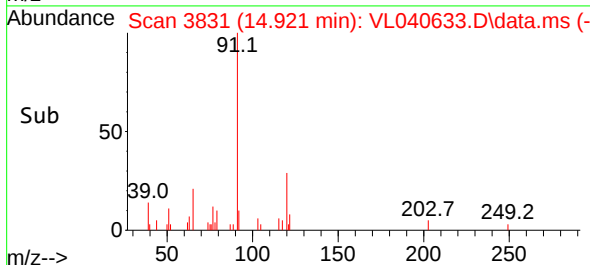
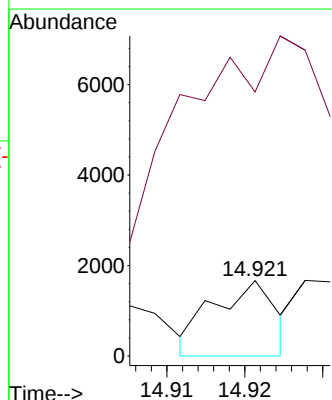
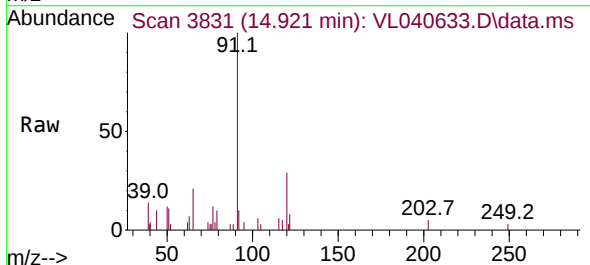
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

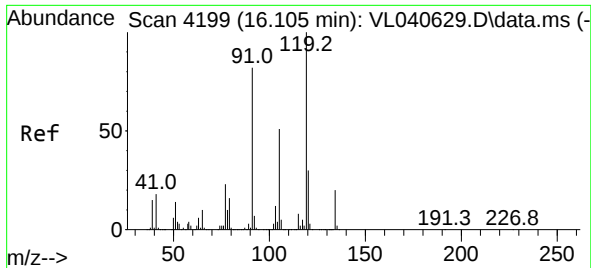
Tgt Ion: 83 Resp: 6099
Ion Ratio Lower Upper
83 100
131 24.2 4.5 13.7#
85 0.0 32.4 97.2#



#64
n-propylbenzene
Concen: 0.010 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 120 Resp: 933
Ion Ratio Lower Upper
120 100
91 0.0 387.8 581.8#

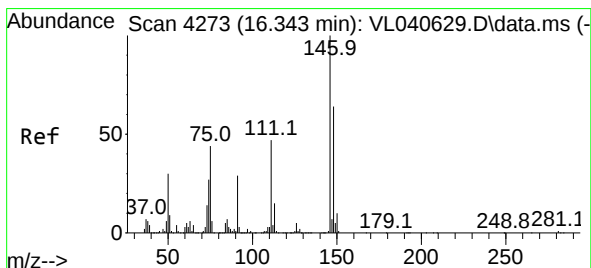
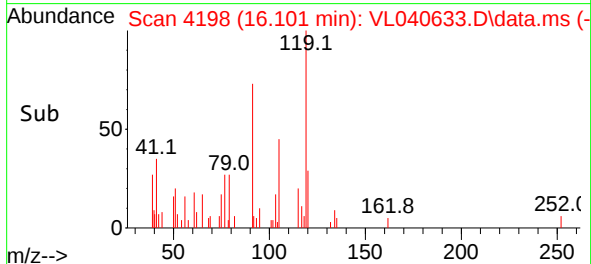
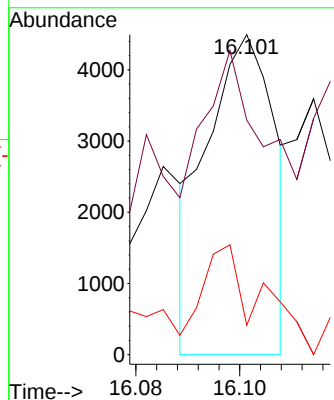
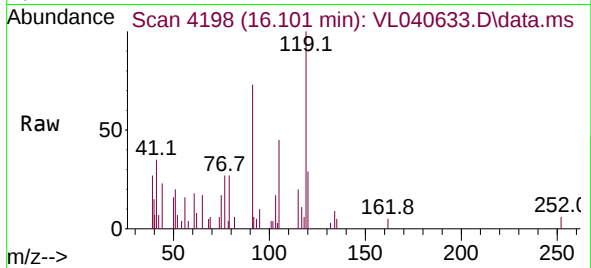




#65
tert-Butylbenzene
Concen: 0.013 ppbv
RT: 16.101 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

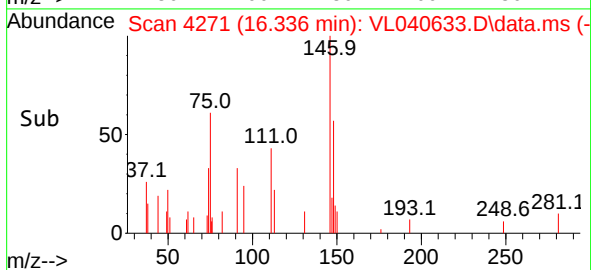
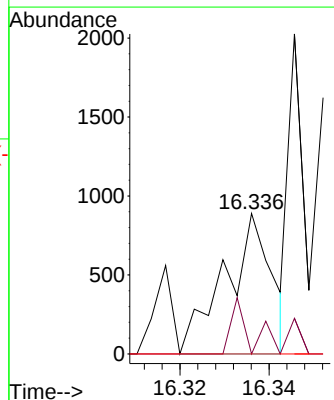
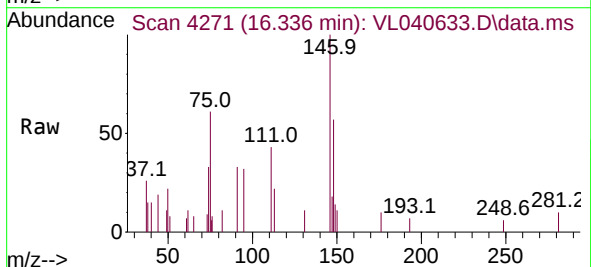
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

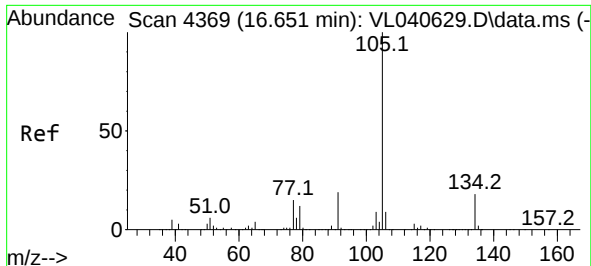
Tgt Ion:119 Resp: 4078
Ion Ratio Lower Upper
119 100
91 300.1 67.8 101.6#
134 57.3 15.7 23.5#



#66
Benzyl Chloride
Concen: 0.017 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 91 Resp: 648
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 0.0 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.014 ppbv

RT: 16.638 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_L

ClientSampleId :

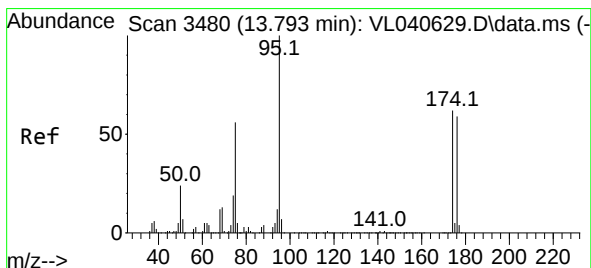
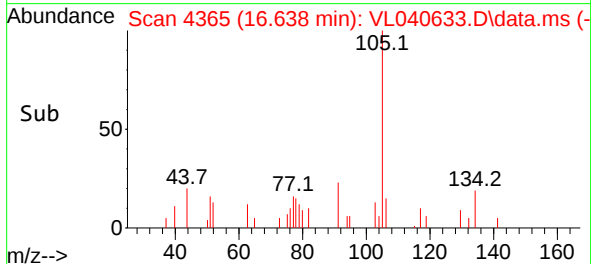
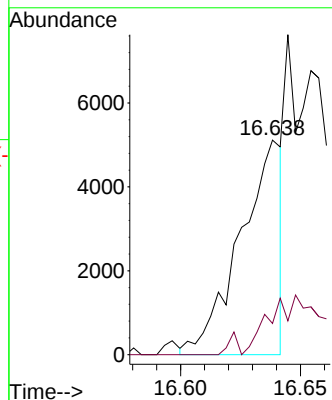
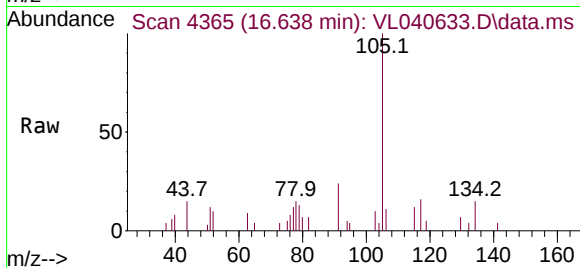
VSTDIC0.1

Tgt Ion:105 Resp: 6149

Ion Ratio Lower Upper

105 100

134 0.0 13.8 20.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.991 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

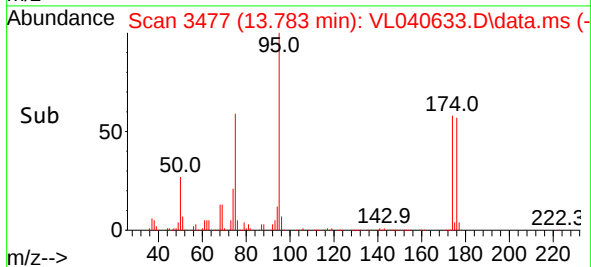
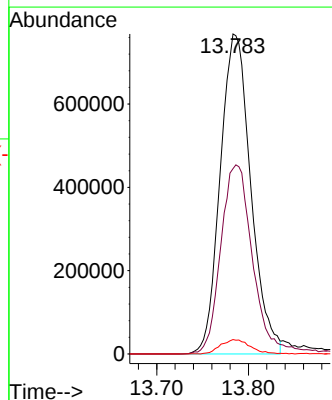
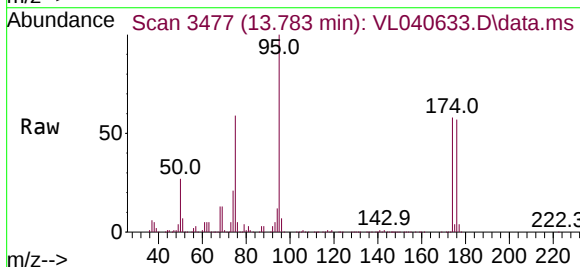
Tgt Ion: 95 Resp: 1776900

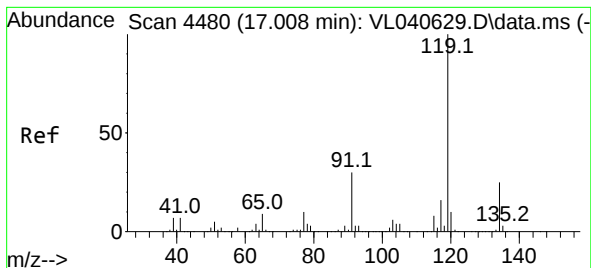
Ion Ratio Lower Upper

95 100

174 63.5 49.1 73.7

175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.005 ppbv

RT: 16.998 min Scan# 44

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

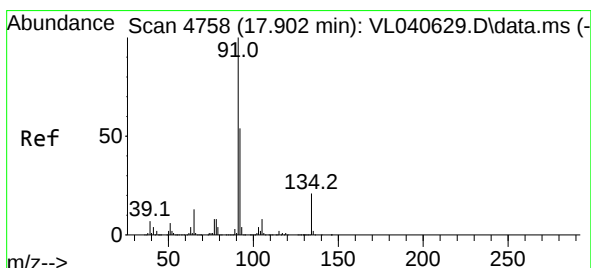
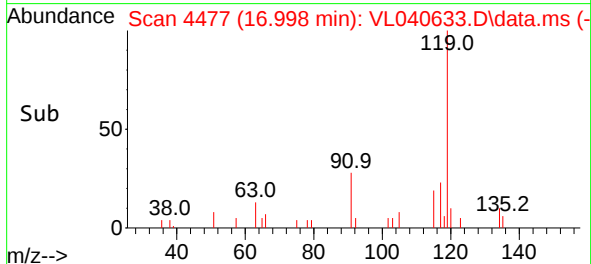
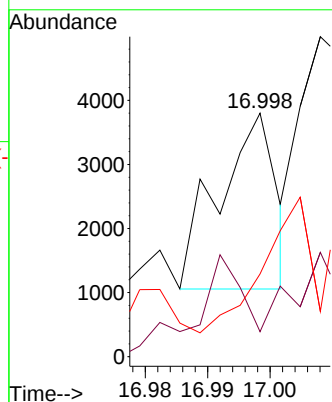
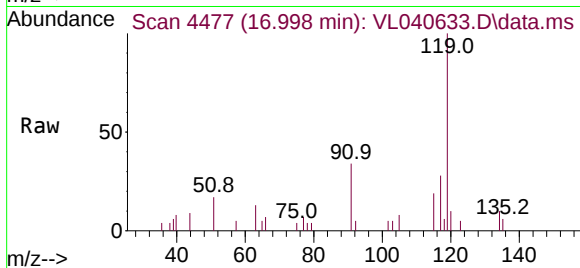
Tgt Ion:119 Resp: 1751

Ion Ratio Lower Upper

119 100

134 0.0 20.2 30.4#

91 0.0 24.2 36.4#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

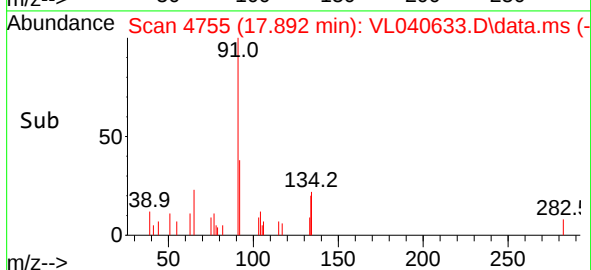
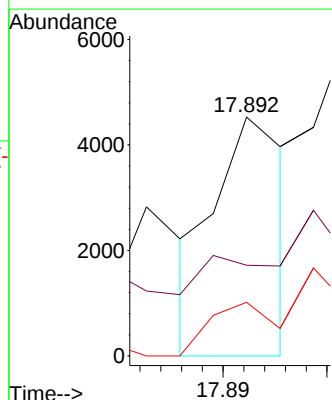
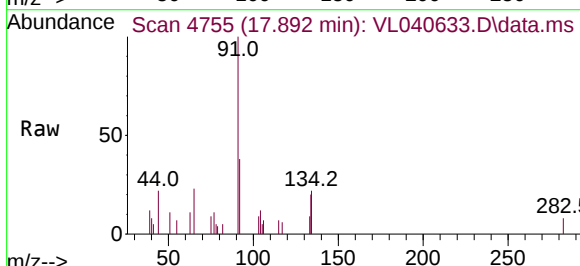
Tgt Ion: 91 Resp: 2161

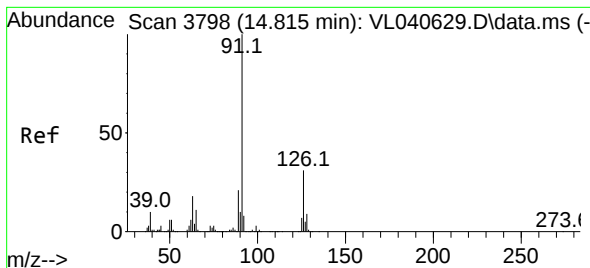
Ion Ratio Lower Upper

91 100

92 0.0 42.9 64.3#

134 0.0 17.0 25.6#

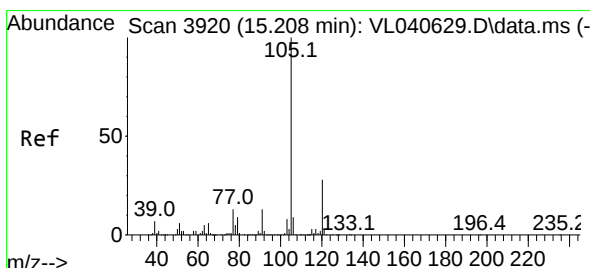
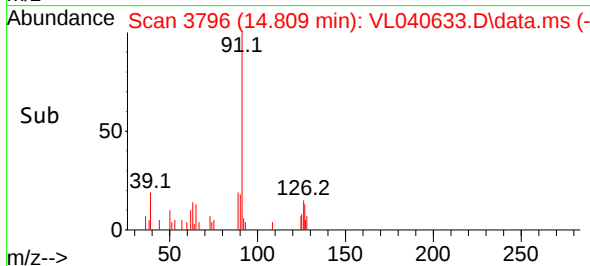
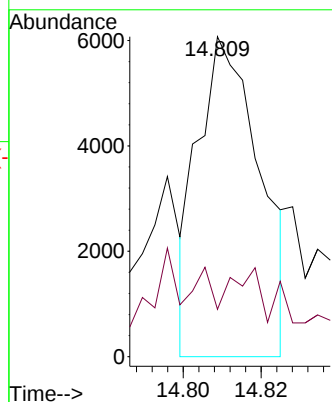
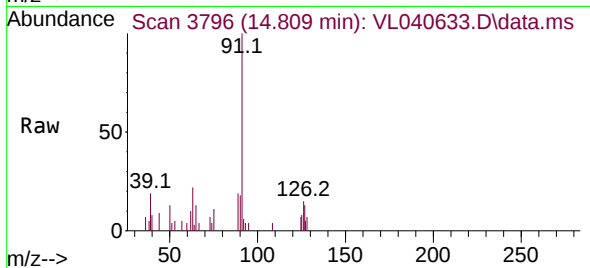




#71
2-Chlorotoluene
Concen: 0.026 ppbv
RT: 14.809 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

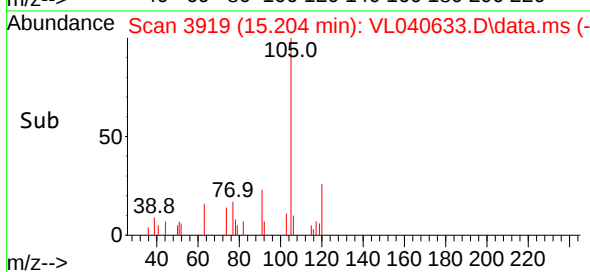
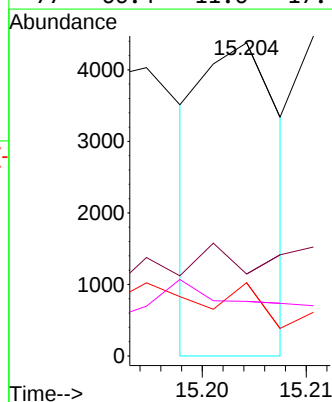
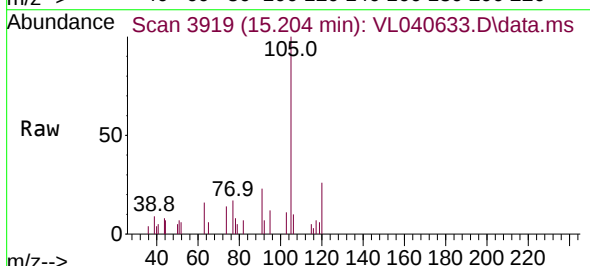
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

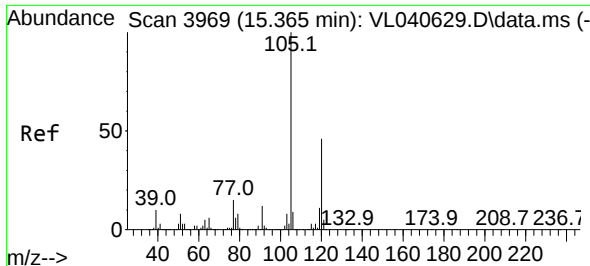
Tgt Ion: 91 Resp: 6693
Ion Ratio Lower Upper
91 100
126 0.0 12.2 49.0#



#72
4-Ethyltoluene
Concen: 0.009 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion: 105 Resp: 2277
Ion Ratio Lower Upper
105 100
120 164.0 23.0 34.6#
91 0.0 10.9 16.3#
77 66.4 11.6 17.4#

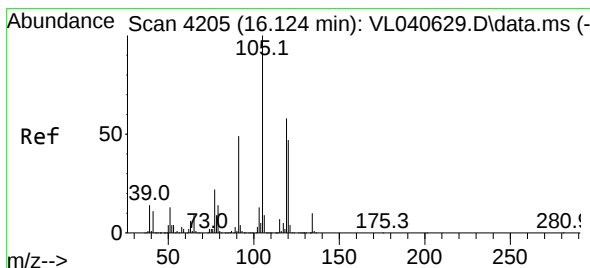
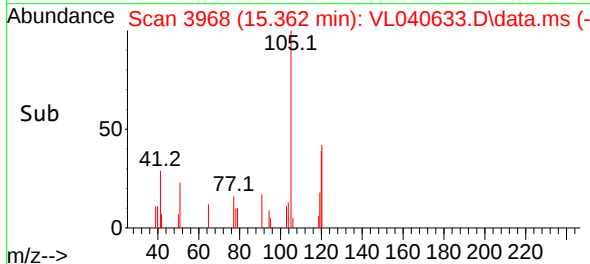
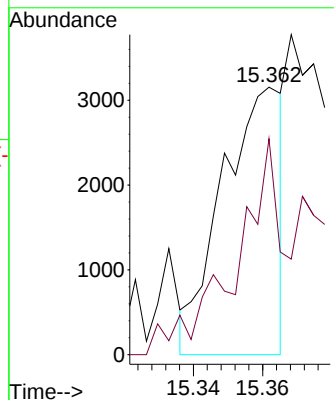
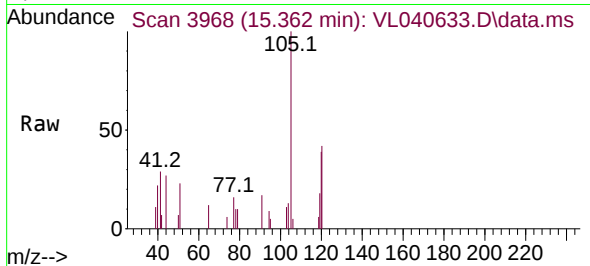




#73
1,3,5-Trimethylbenzene
Concen: 0.016 ppbv
RT: 15.362 min Scan# 3969
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

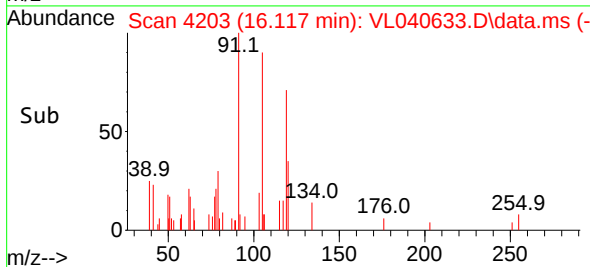
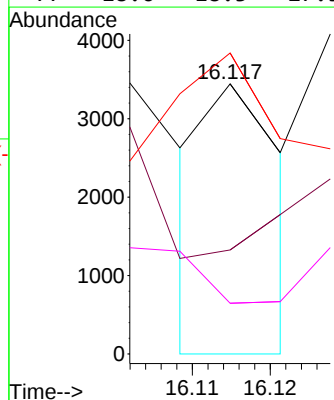
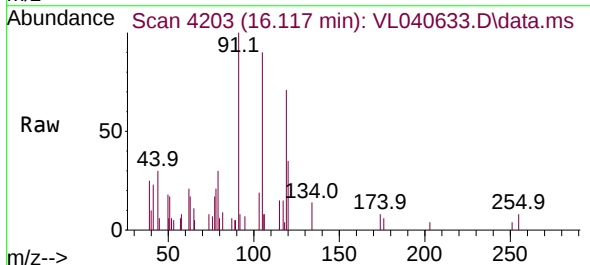
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

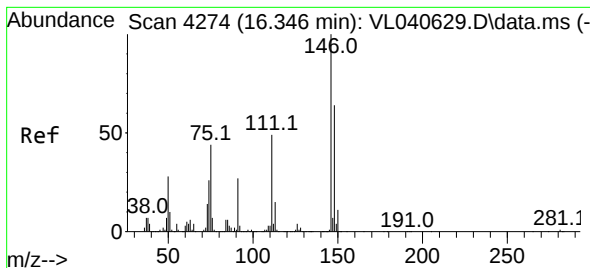
Tgt Ion:105 Resp: 3767
Ion Ratio Lower Upper
105 100
120 79.1 36.5 54.7#



#74
1,2,4-Trimethylbenzene
Concen: 0.004 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion:105 Resp: 1160
Ion Ratio Lower Upper
105 100
120 9.1 37.7 56.5#
91 92.2 41.2 61.8#
77 18.6 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 0.011 ppbv

RT: 16.336 min Scan# 4316

Delta R.T. -0.010 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

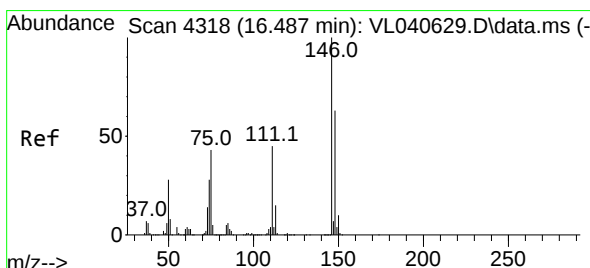
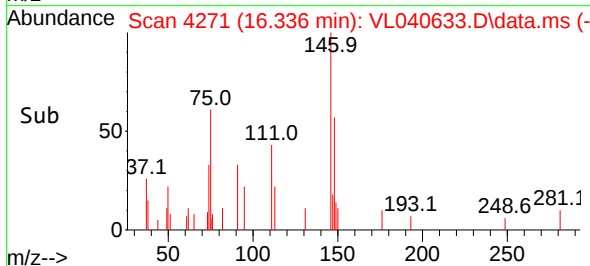
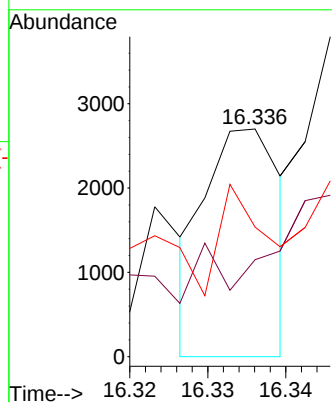
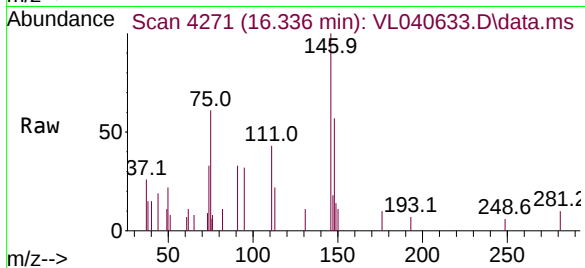
Tgt Ion:146 Resp: 1812

Ion Ratio Lower Upper

146 100

111 0.0 23.7 71.1#

148 0.0 31.7 95.1#



#76

1,4-Dichlorobenzene

Concen: 0.012 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.006 min

Lab File: VL040633.D

Acq: 15 Aug 2023 12:58

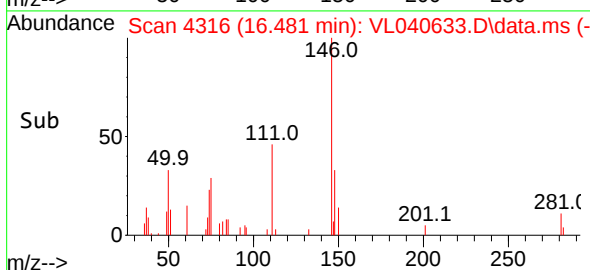
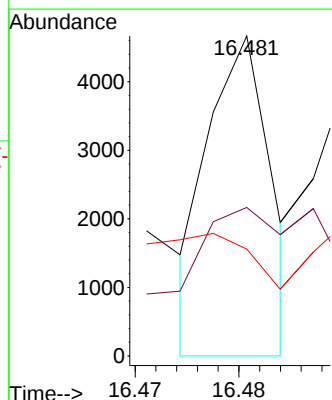
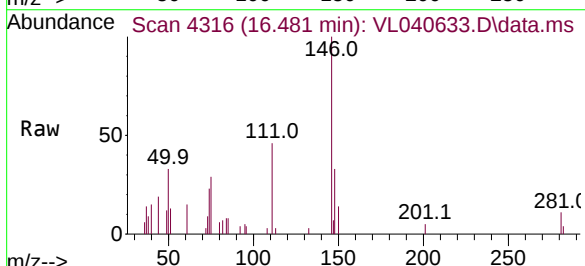
Tgt Ion:146 Resp: 1964

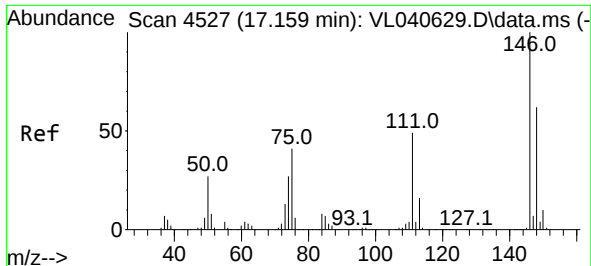
Ion Ratio Lower Upper

146 100

111 246.3 23.2 69.5#

148 0.0 32.5 97.5#

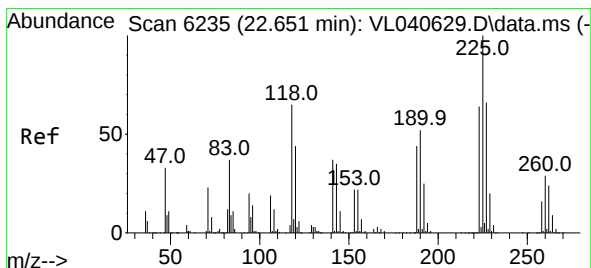
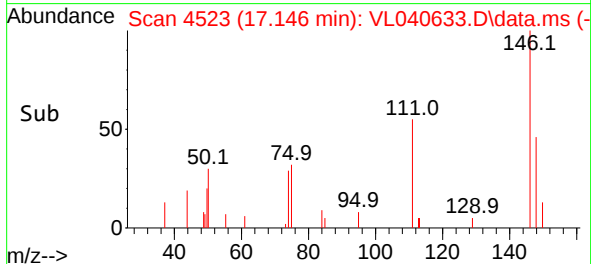
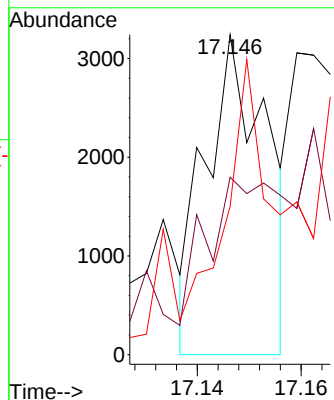
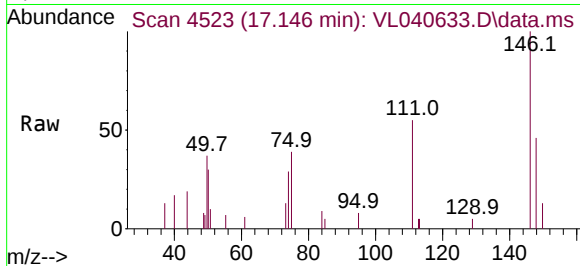




#77
1,2-Dichlorobenzene
Concen: 0.017 ppbv
RT: 17.146 min Scan# 4523
Delta R.T. -0.013 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

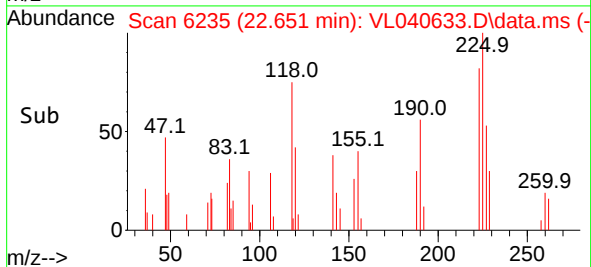
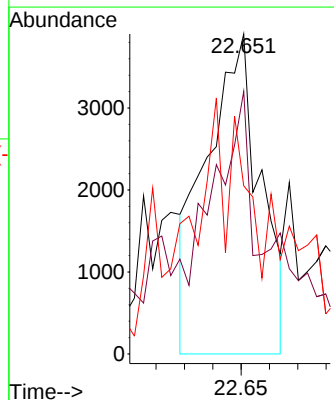
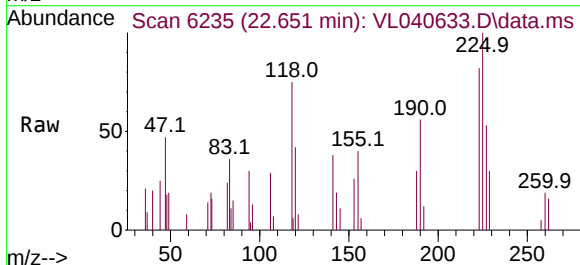
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

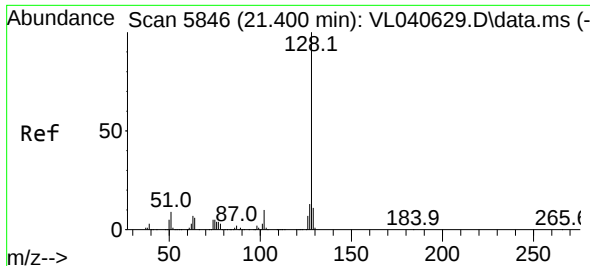
Tgt Ion:146 Resp: 2655
Ion Ratio Lower Upper
146 100
111 0.0 24.6 74.0#
148 243.2 32.1 96.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.044 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. -0.000 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion:225 Resp: 5184
Ion Ratio Lower Upper
225 100
223 127.0 50.6 76.0#
227 134.8 51.2 76.8#

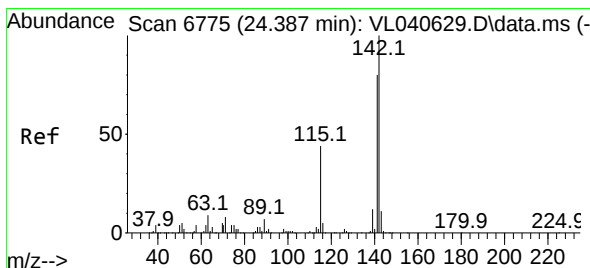
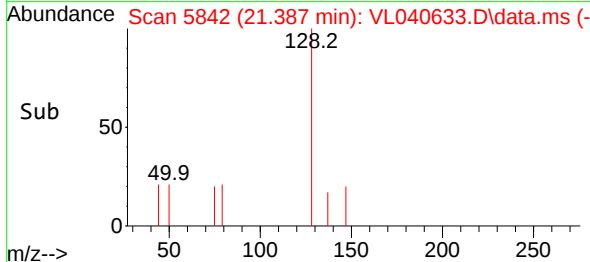
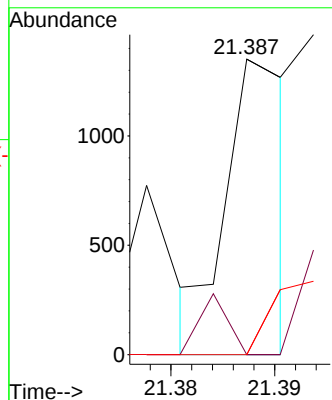
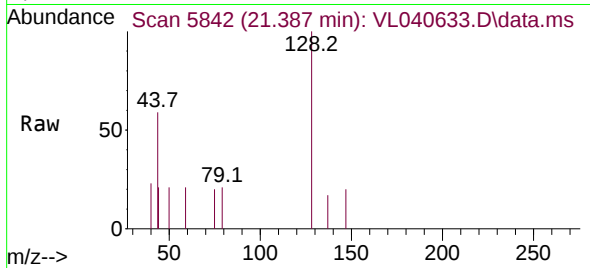




#79
Naphthalene
Concen: 0.003 ppbv
RT: 21.387 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

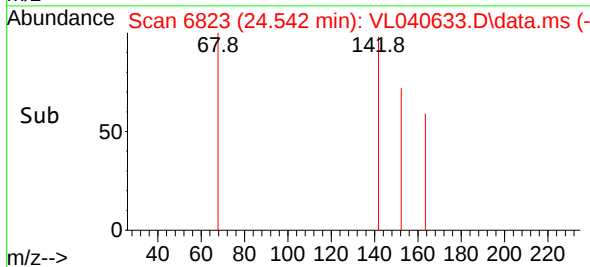
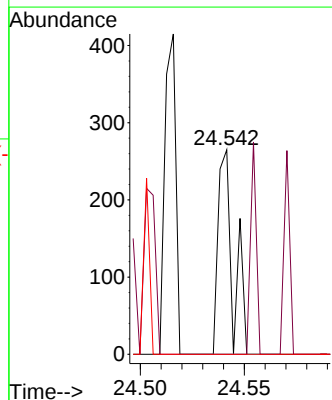
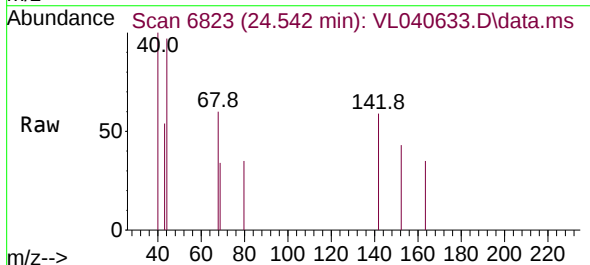
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

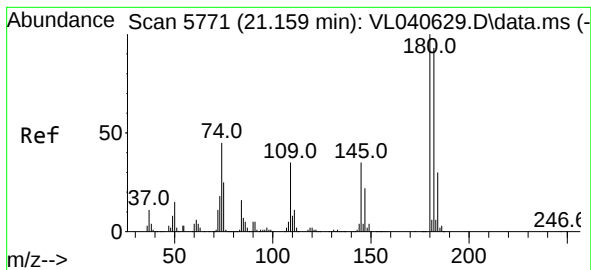
Tgt Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
127 0.0 10.1 15.1#
129 0.0 9.2 13.8#



#80
Naphthalene,2-methyl-
Concen: 0.003 ppbv
RT: 24.542 min Scan# 6823
Delta R.T. 0.154 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
141 55.7 64.6 96.8#
115 0.0 33.7 50.5#





#81

1,2,4-Trichlorobenzene

Concen: 0.003 ppbv

RT: 21.143 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040633.D

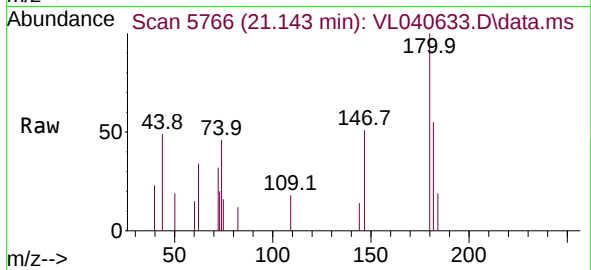
Acq: 15 Aug 2023 12:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 409

Ion Ratio Lower Upper

180 100

182 0.0 78.0 117.0#

184 0.0 24.6 36.8#

