

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039900.D
 Acq On : 18 Nov 2022 11:17
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Nov 19 04:52:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1233772	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3787825	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3405123	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2652151	10.197	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	25291	0.143	ppbv	95
3) Chlorodifluoromethane	2.661	51	17089	0.100	ppbv #	91
4) Chloromethane	2.796	50	10240	0.094	ppbv	99
5) Vinyl Chloride	2.899	62	3103	0.037	ppbv #	70
6) Bromomethane	3.089	94	676	0.023	ppbv #	48
7) Chloroethane	3.179	64	1701	0.051	ppbv #	50
8) Dichlorotetrafluoroethane	2.838	85	18543	0.092	ppbv	85
9) Propene	2.678	41	8229	0.103	ppbv #	56
10) Heptane	7.565	43	4008	0.021	ppbv #	27
11) Trichlorofluoromethane	3.542	101	18803	0.087	ppbv #	83
12) 1,1,2-Trichlorotrifluo...	4.054	101	11962	0.073	ppbv	87
13) Ethanol	3.224	45	313	0.051	ppbv #	38
14) Bromoethene	3.356	108	1043	0.016	ppbv #	1
15) Acetone	3.449	43	352	0.002	ppbv #	46
16) 1,3-Butadiene	2.967	39	3743	0.046	ppbv #	8
17) tert-Butyl alcohol	3.861	59	326	0.002	ppbv #	72
18) 1,1-Dichloroethene	3.861	96	5688	0.076	ppbv	90
19) Isopropyl Alcohol	3.555	45	134	0.002	ppbv #	29
20) Methylene Chloride	3.919	84	12962	0.163	ppbv	95
21) Allyl Chloride	3.977	41	9118	0.080	ppbv #	80
22) trans-1,2-Dichloroethene	4.430	96	6484	0.086	ppbv #	82
23) Vinyl Acetate	4.600	43	1914	0.028	ppbv #	1
24) 1,1-Dichloroethane	4.546	63	8245	0.051	ppbv #	92
25) Ethyl Acetate	5.166	43	643	0.002	ppbv #	74
26) Hexane	5.192	57	14070	0.107	ppbv #	5
27) Carbon Disulfide	4.105	76	4027	0.024	ppbv #	29
28) Methyl tert-Butyl Ether	4.674	73	1113	0.007	ppbv	96
29) Chloroform	5.259	83	20223	0.116	ppbv #	83
30) Cyclohexane	6.587	84	3342	0.026	ppbv #	1
31) cis-1,2-Dichloroethene	5.060	61	6510	0.054	ppbv	91
32) 1,1,1-Trichloroethane	5.983	97	8270	0.038	ppbv #	22
34) 2-Butanone	4.771	43	549	0.003	ppbv #	54
35) Carbon Tetrachloride	6.481	117	11792	0.055	ppbv #	80
36) Benzene	6.353	78	14388	0.045	ppbv	97
37) 1,2-Dichloroethane	5.793	62	13165	0.075	ppbv #	81
38) Trichloroethene	7.282	130	9672	0.054	ppbv #	79
39) 1,2-Dichloropropane	6.639	63	955151	7.614	ppbv #	27
40) 1,4-Dioxane	7.279	88	130	0.003	ppbv #	1
41) Tetrahydrofuran	5.552	42	250	0.002	ppbv #	36
42) Bromodichloromethane	7.240	83	9834	0.041	ppbv #	93
43) Methyl Methacrylate	7.468	69	3972	0.031	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	36431	0.068	ppbv #	77
45) t-1,3-Dichloropropene	8.709	75	3546	0.030	ppbv	97

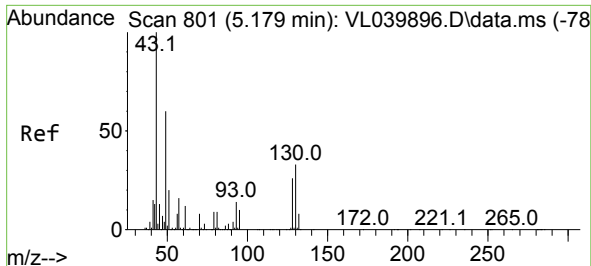
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
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Quant Time: Nov 19 04:52:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 18 14:05:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.301	75	227	0.001	ppbv	91
47) 1,1,2-Trichloroethane	8.893	97	6078	0.047	ppbv #	80
48) Dibromochloromethane	9.700	129	4346	0.023	ppbv #	10
49) Bromoform	12.404	173	4343	0.028	ppbv #	53
50) 4-Methyl-2-Pentanone	8.208	43	26150	0.081	ppbv	100
51) 2-Hexanone	9.545	43	300	0.001	ppbv #	27
52) Tetrachloroethene	10.613	164	5679	0.047	ppbv #	49
53) Toluene	9.217	91	30720	0.084	ppbv	92
54) 1,2-Dibromoethane	10.012	107	2266	0.016	ppbv #	18
56) 1,1,1,2-Tetrachloroethane	11.497	131	3991	0.029	ppbv #	9
57) Chlorobenzene	11.523	112	7312	0.028	ppbv #	33
58) Ethyl Benzene	12.082	91	20173	0.044	ppbv	92
59) m/p-Xylene	12.372	91	7584	0.020	ppbv #	30
60) o-Xylene	13.060	91	32330	0.088	ppbv	100
61) Styrene	12.893	104	6631	0.030	ppbv #	1
62) Isopropylbenzene	14.028	105	13672	0.026	ppbv #	1
63) 1,1,2,2-Tetrachloroethane	13.044	83	3300	0.027	ppbv #	24
64) n-propylbenzene	14.925	120	5219	0.038	ppbv #	1
65) tert-Butylbenzene	16.095	119	18417	0.040	ppbv #	18
66) Benzyl Chloride	16.336	91	710	0.018	ppbv #	64
67) sec-Butylbenzene	16.642	105	17431	0.027	ppbv #	58
69) p-Isopropyltoluene	17.008	119	24772	0.047	ppbv #	46
70) n-Butylbenzene	17.879	91	1864	0.004	ppbv #	32
71) 2-Chlorotoluene	14.802	91	24588	0.061	ppbv	66
72) 4-Ethyltoluene	15.201	105	34219	0.083	ppbv	97
73) 1,3,5-Trimethylbenzene	15.359	105	33077	0.087	ppbv	87
74) 1,2,4-Trimethylbenzene	16.118	105	20323	0.051	ppbv #	88
75) 1,3-Dichlorobenzene	16.336	146	5078	0.022	ppbv #	23
76) 1,4-Dichlorobenzene	16.478	146	7287	0.033	ppbv #	23
77) 1,2-Dichlorobenzene	17.140	146	2819	0.013	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.651	225	3761	0.025	ppbv #	1
79) Naphthalene	21.403	128	1245	0.005	ppbv	98
80) Naphthalene,2-methyl-	24.423	142	857	0.013	ppbv #	74
81) 1,2,4-Trichlorobenzene	21.153	180	1454	0.010	ppbv #	12

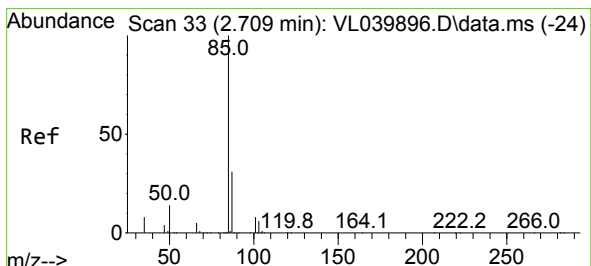
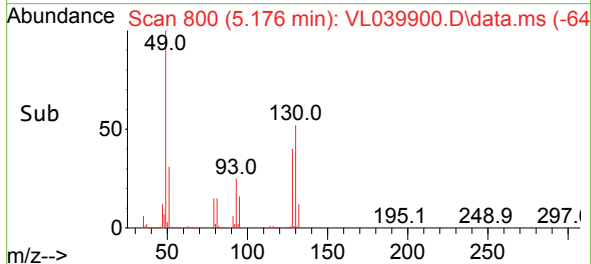
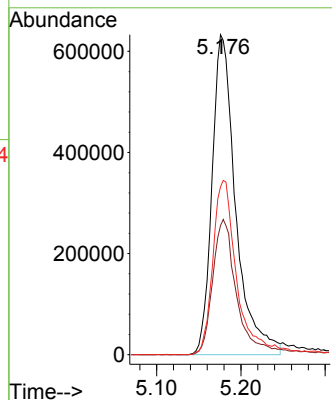
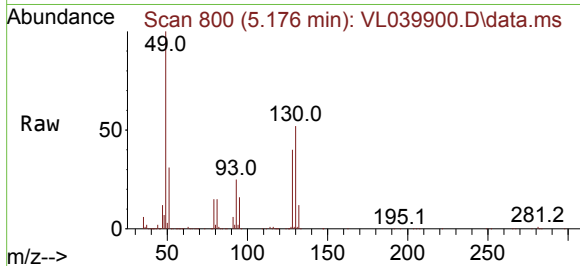
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

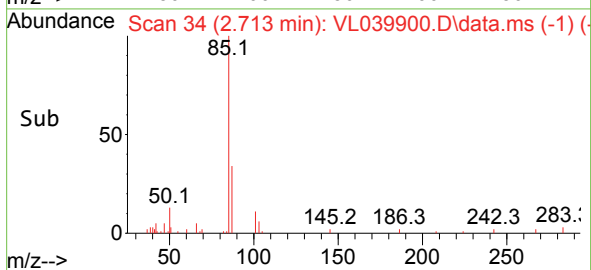
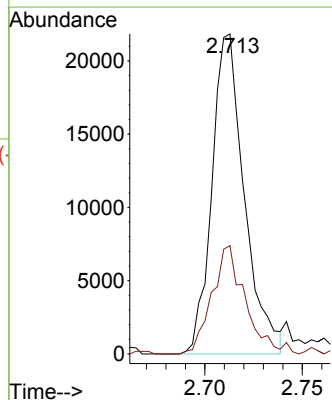
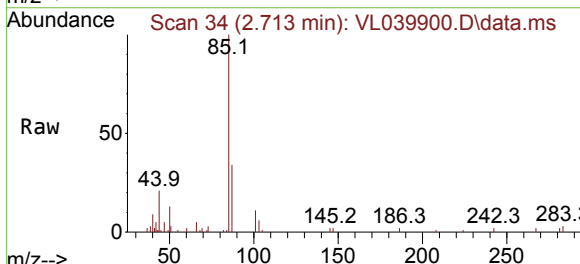
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 ClientSampleId :
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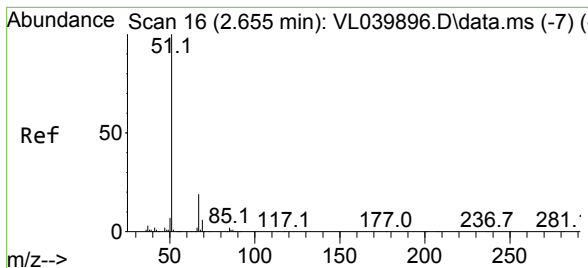
Tgt Ion: 49 Resp: 1233772
 Ion Ratio Lower Upper
 49 100
 128 44.4 22.1 66.3
 130 57.8 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 0.143 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 85 Resp: 25291
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.0 37.4





#3

Chlorodifluoromethane

Concen: 0.100 ppbv

RT: 2.661 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

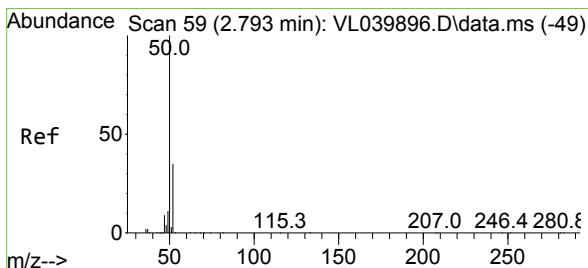
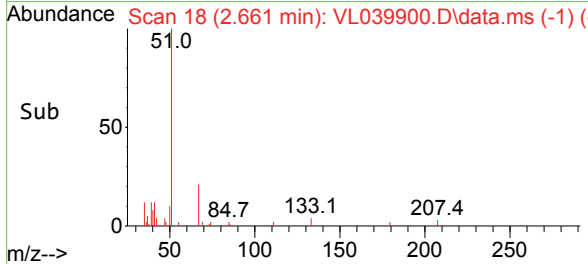
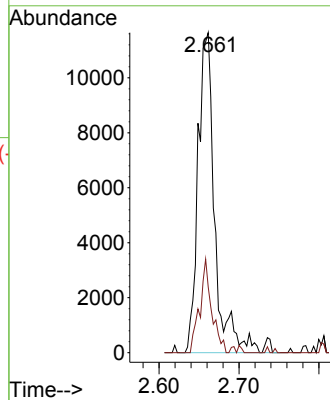
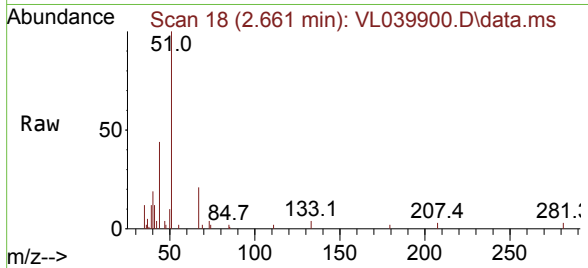
VSTDICC0.1

Tgt Ion: 51 Resp: 17089

Ion Ratio Lower Upper

51 100

67 21.6 14.2 21.4#



#4

Chloromethane

Concen: 0.094 ppbv

RT: 2.796 min Scan# 60

Delta R.T. 0.003 min

Lab File: VL039900.D

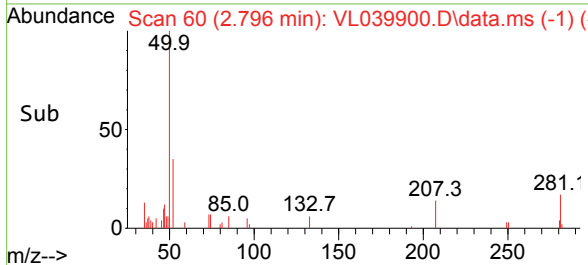
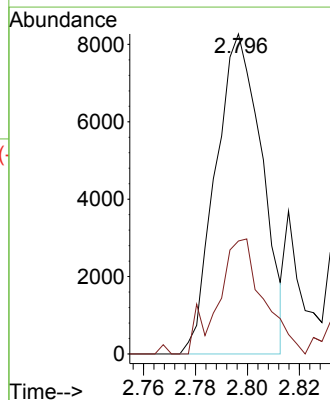
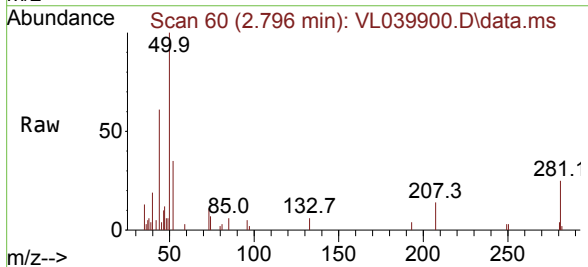
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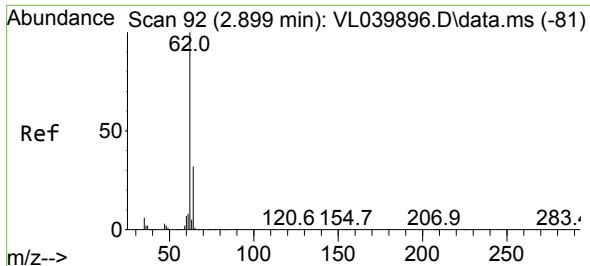
Tgt Ion: 50 Resp: 10240

Ion Ratio Lower Upper

50 100

52 35.3 27.8 41.8

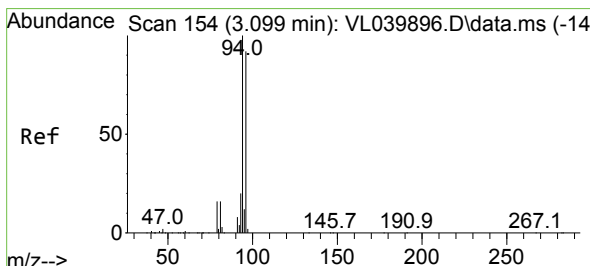
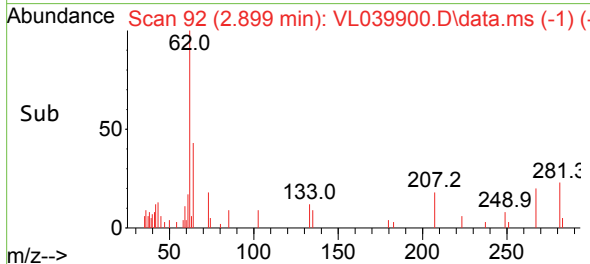
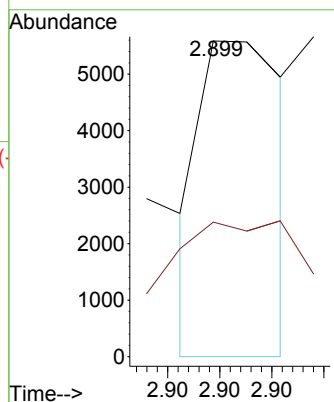
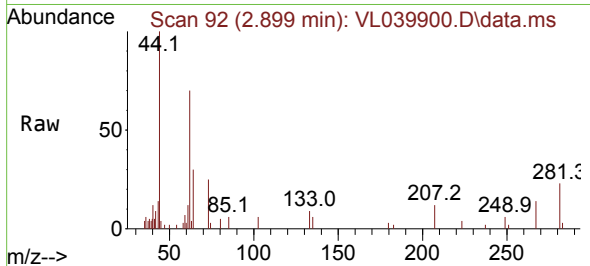




#5
 Vinyl Chloride
 Concen: 0.037 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

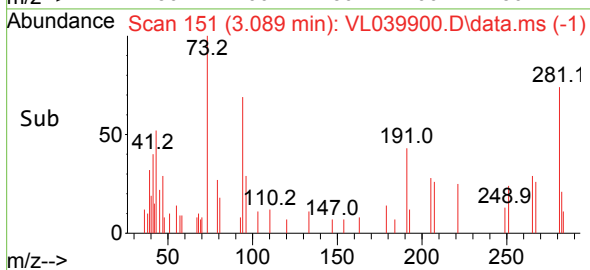
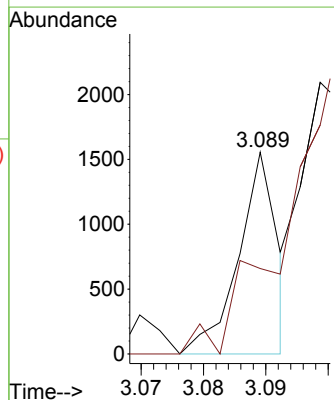
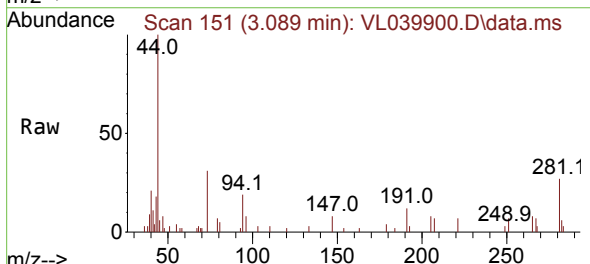
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

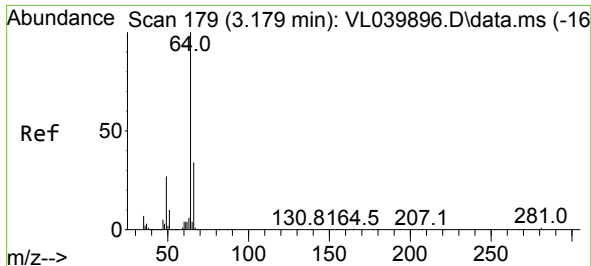
Tgt Ion: 62 Resp: 3103
 Ion Ratio Lower Upper
 62 100
 64 15.4 25.7 38.5#



#6
 Bromomethane
 Concen: 0.023 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. -0.009 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 94 Resp: 676
 Ion Ratio Lower Upper
 94 100
 96 42.4 73.7 110.5#

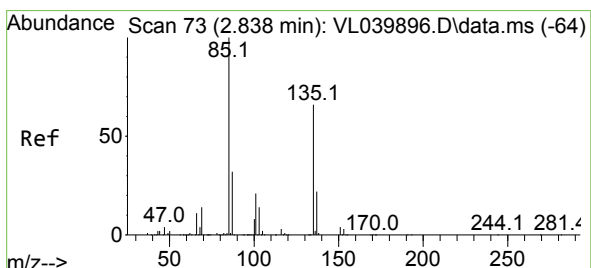
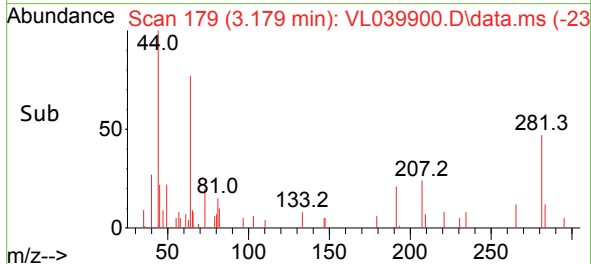
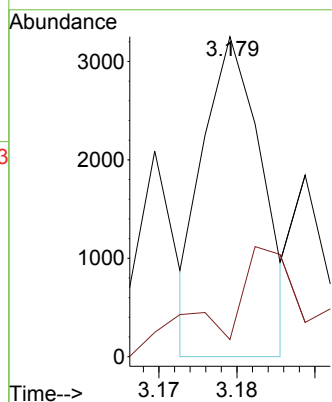
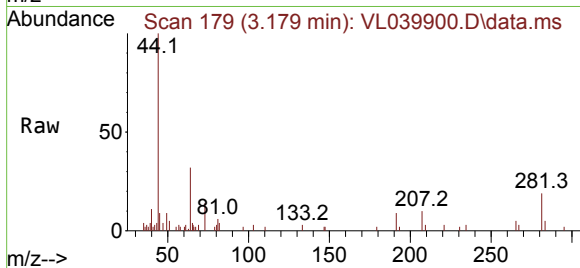




#7
Chloroethane
Concen: 0.051 ppbv
RT: 3.179 min Scan# 179
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

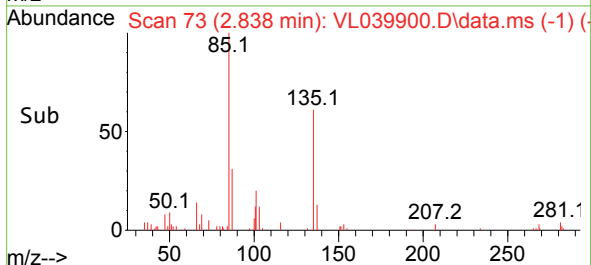
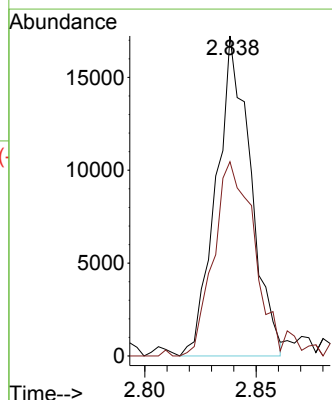
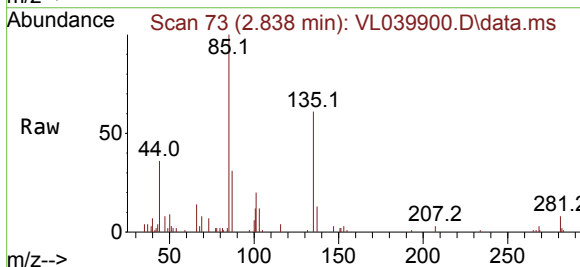
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VSTDIC0.1

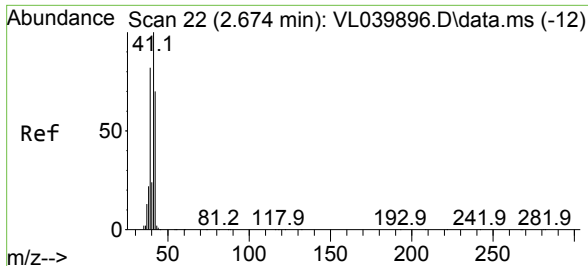
Tgt Ion: 64 Resp: 1701
Ion Ratio Lower Upper
64 100
66 5.3 27.3 40.9#



#8
Dichlorotetrafluoroethane
Concen: 0.092 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 85 Resp: 18543
Ion Ratio Lower Upper
85 100
135 79.6 54.1 81.1

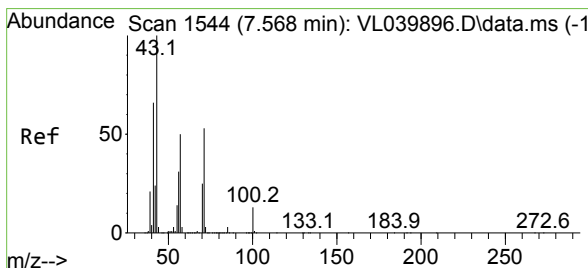
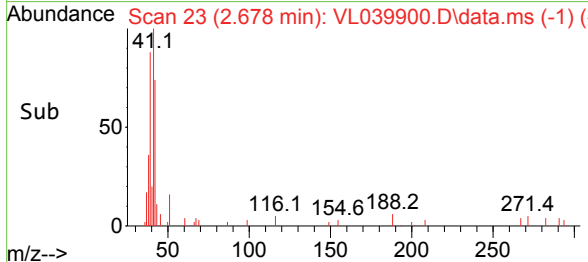
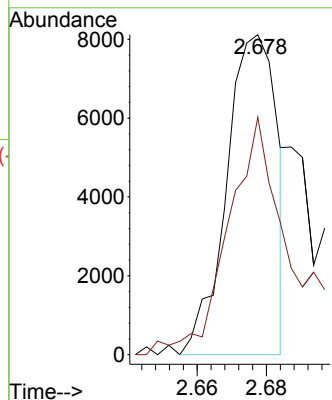
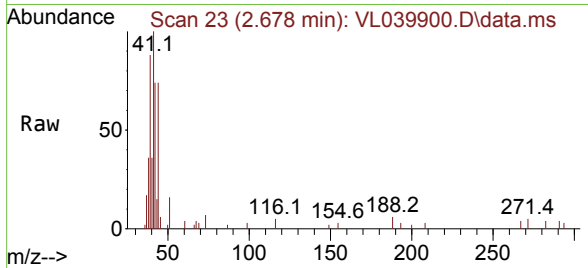




#9
 Propene
 Concen: 0.103 ppbv
 RT: 2.678 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

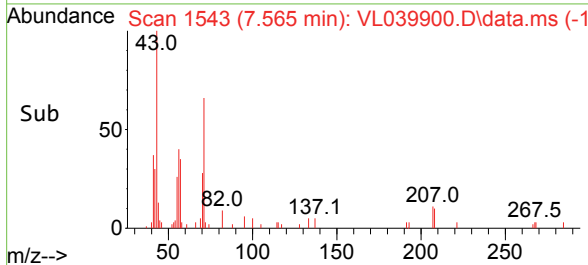
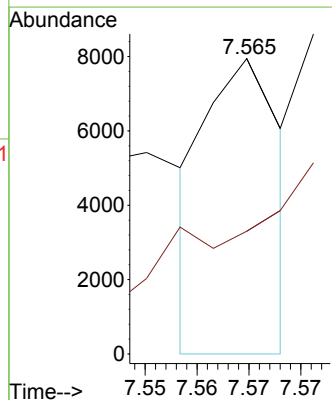
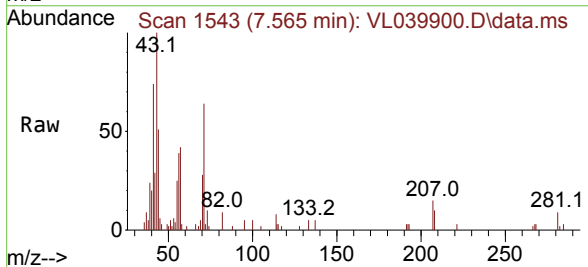
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

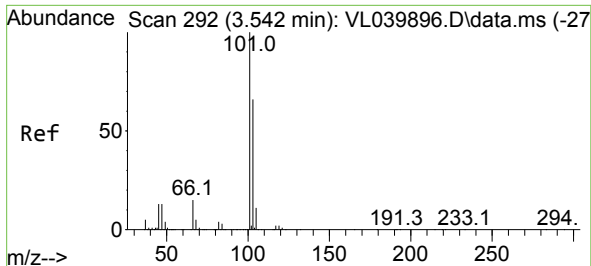
Tgt Ion: 41 Resp: 8229
 Ion Ratio Lower Upper
 41 100
 42 105.7 55.8 83.6#



#10
 Heptane
 Concen: 0.021 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 43 Resp: 4008
 Ion Ratio Lower Upper
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 57 0.0 40.7 61.1#

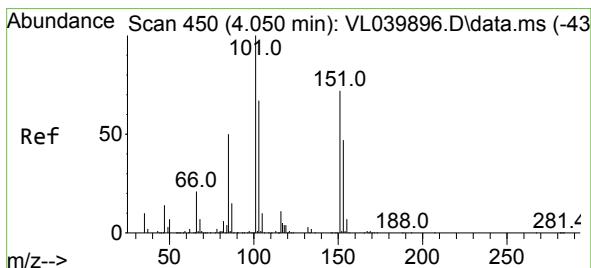
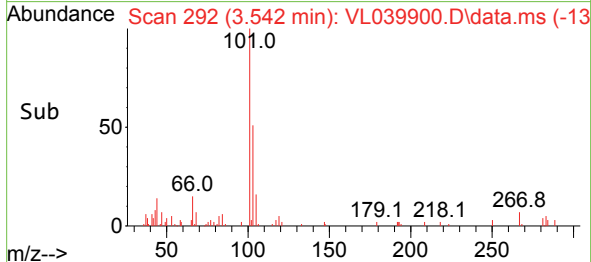
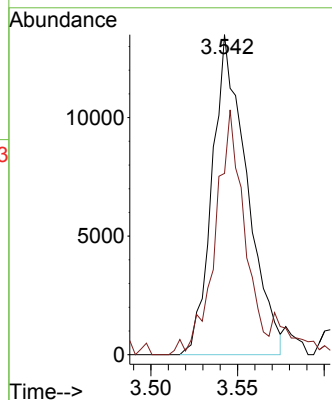
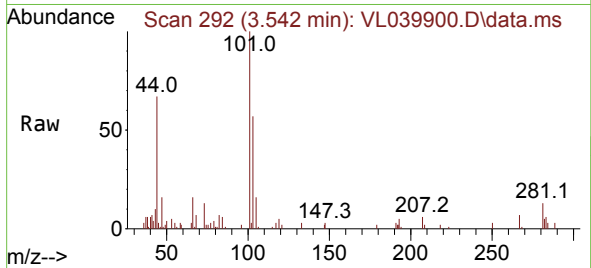




#11
 Trichlorofluoromethane
 Concen: 0.087 ppbv
 RT: 3.542 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

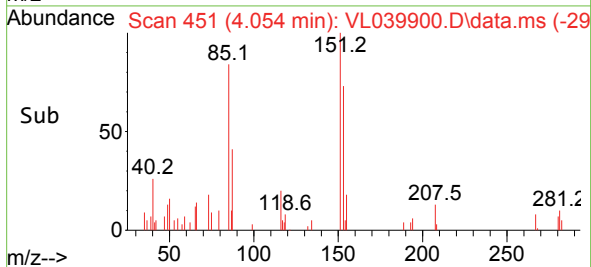
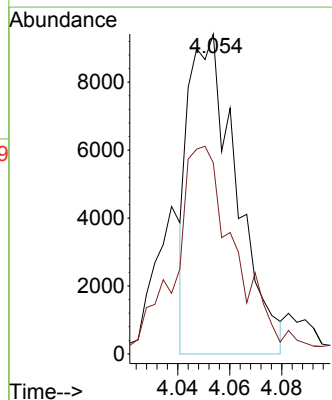
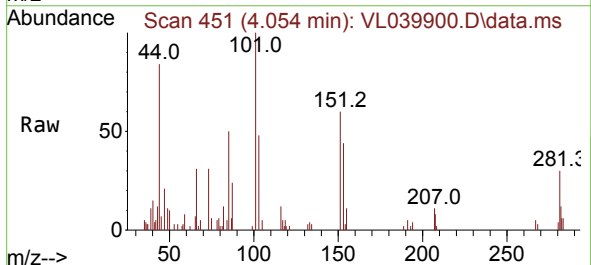
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

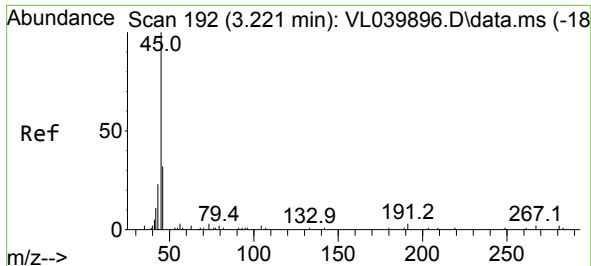
Tgt Ion:101 Resp: 18803
 Ion Ratio Lower Upper
 101 100
 103 51.9 52.6 78.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.073 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion:101 Resp: 11962
 Ion Ratio Lower Upper
 101 100
 151 85.7 59.6 89.4

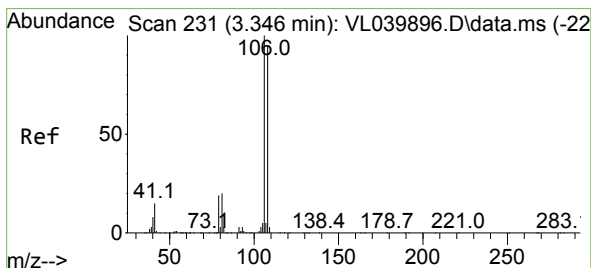
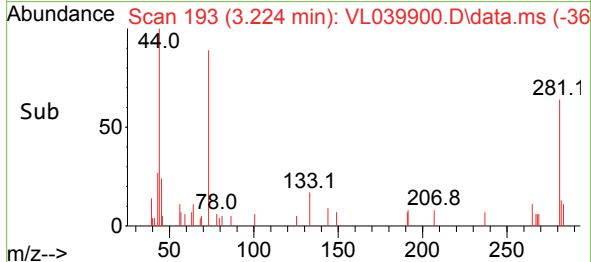
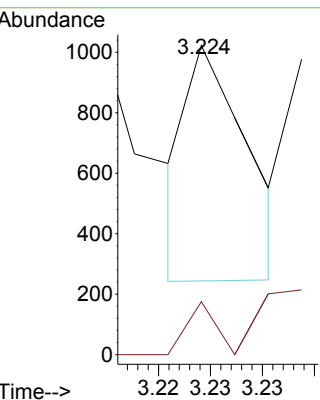
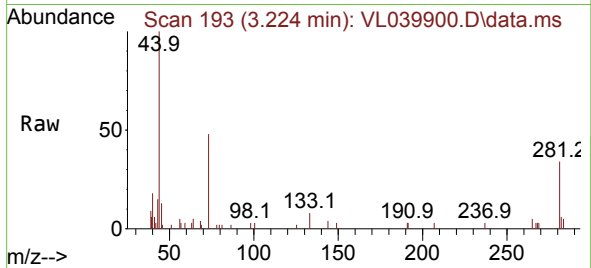




#13
 Ethanol
 Concen: 0.051 ppbv
 RT: 3.224 min Scan# 19
 Delta R.T. 0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

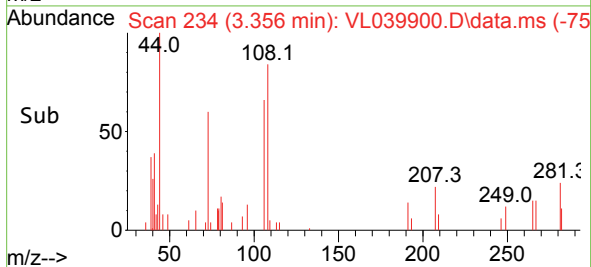
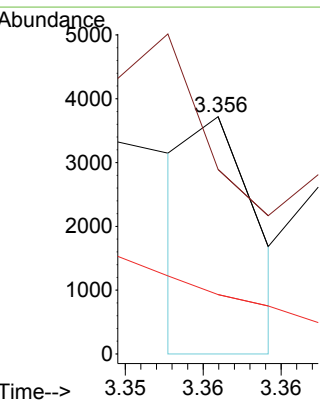
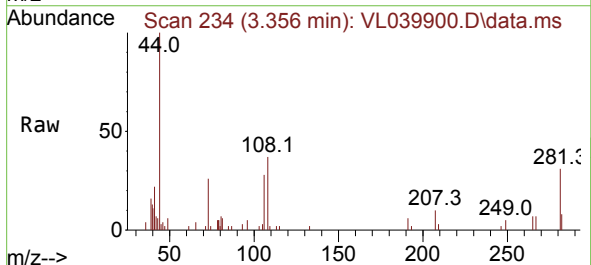
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

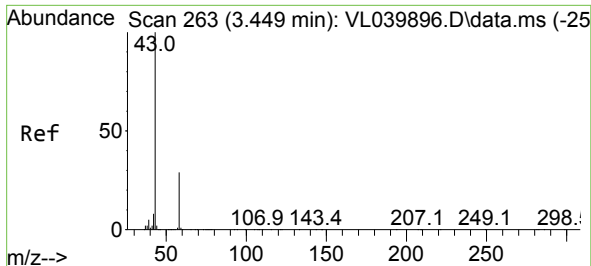
Tgt Ion: 45 Resp: 313
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.6 58.2#



#14
 Bromoethene
 Concen: 0.016 ppbv
 RT: 3.356 min Scan# 234
 Delta R.T. 0.010 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 108 Resp: 1043
 Ion Ratio Lower Upper
 108 100
 106 684.5 87.3 130.9#
 79 213.2 15.9 23.9#





#15

Acetone

Concen: 0.002 ppbv

RT: 3.449 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_1

ClientSampleId :

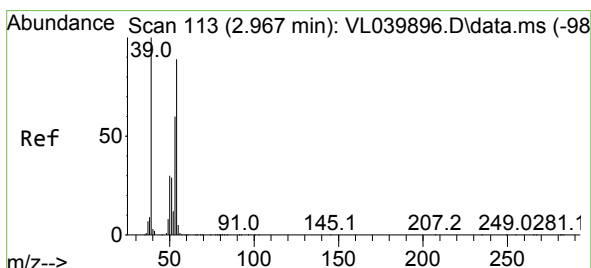
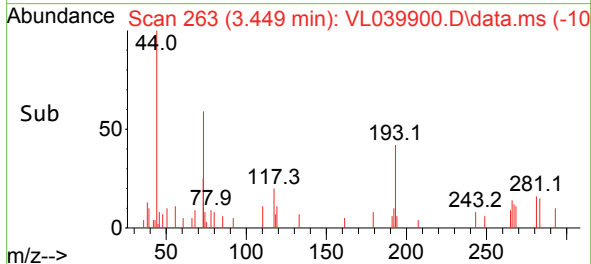
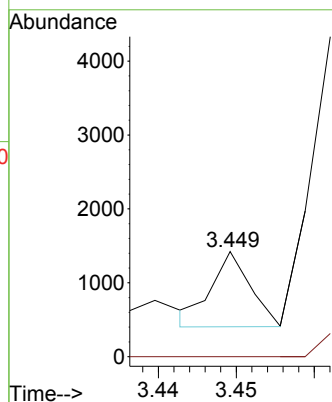
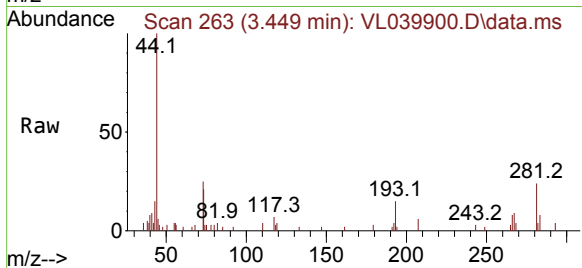
VSTDIC0.1

Tgt Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

58 0.0 22.9 34.3#



#16

1,3-Butadiene

Concen: 0.046 ppbv

RT: 2.967 min Scan# 113

Delta R.T. 0.000 min

Lab File: VL039900.D

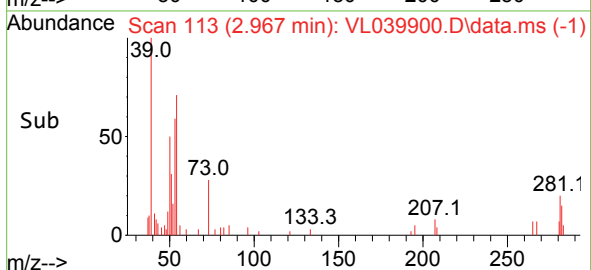
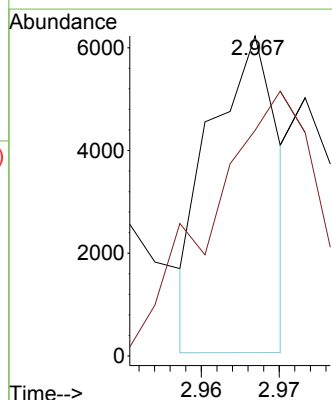
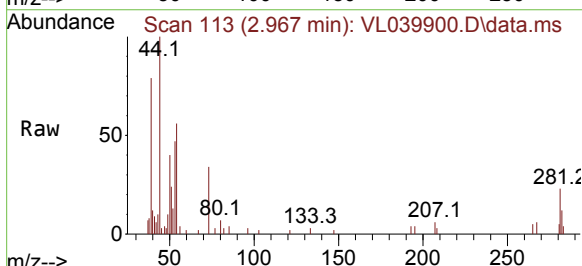
Acq: 18 Nov 2022 11:17

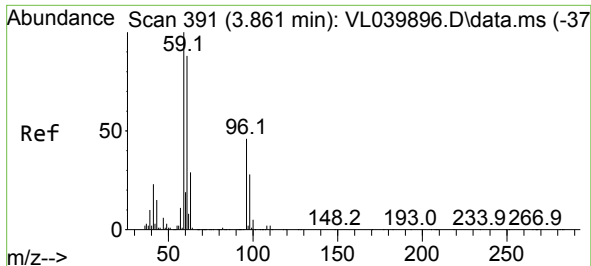
Tgt Ion: 39 Resp: 3743

Ion Ratio Lower Upper

39 100

54 0.0 66.6 99.8#





#17

tert-Butyl alcohol

Concen: 0.002 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

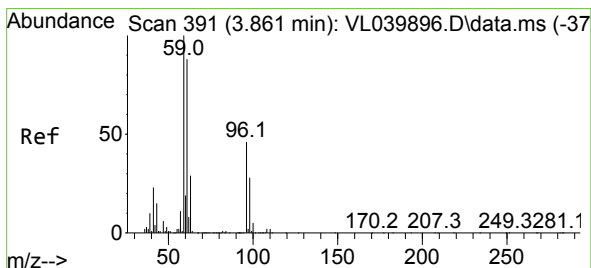
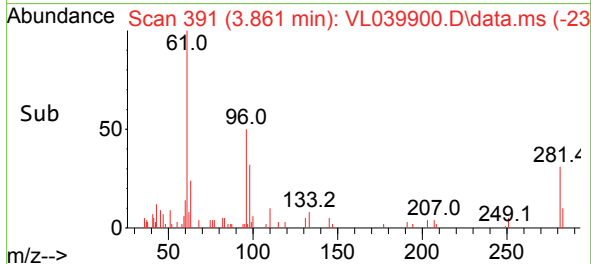
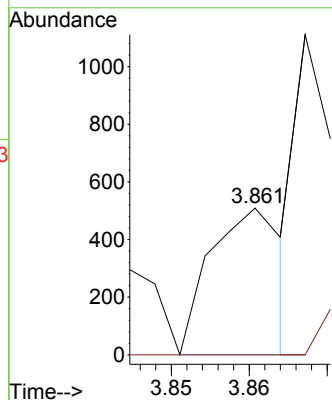
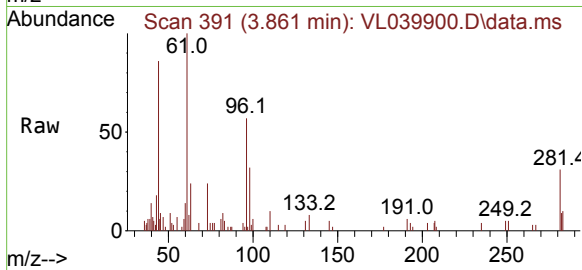
VSTDIC0.1

Tgt Ion: 59 Resp: 326

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.076 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

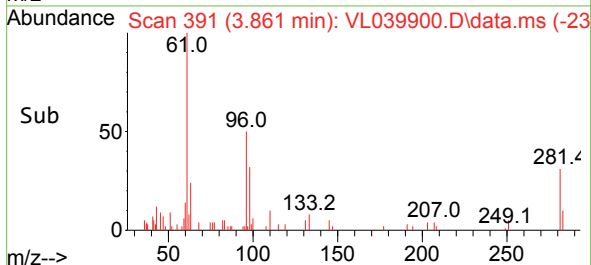
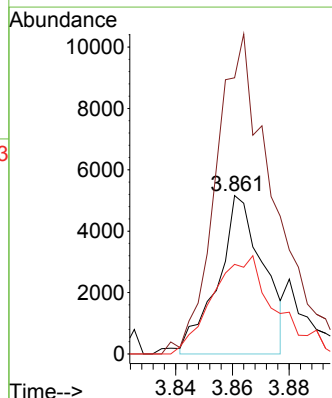
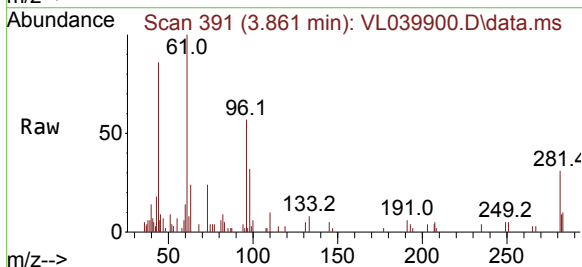
Tgt Ion: 96 Resp: 5688

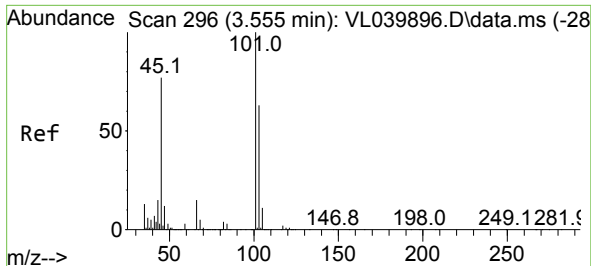
Ion Ratio Lower Upper

96 100

61 176.4 153.4 230.2

98 54.0 48.9 73.3

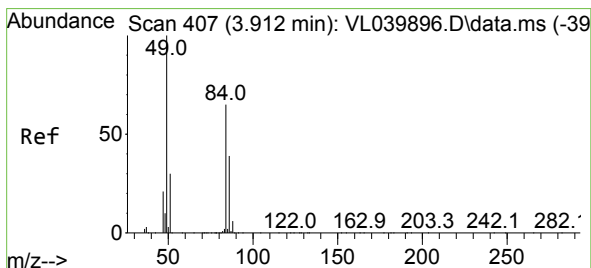
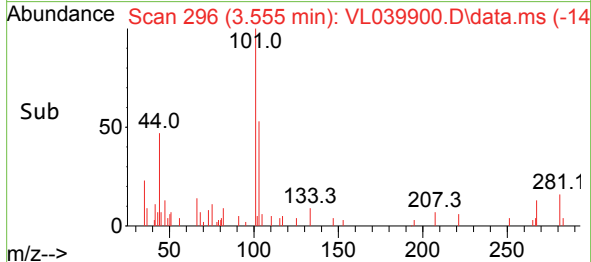
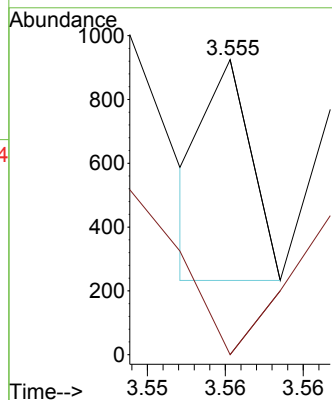
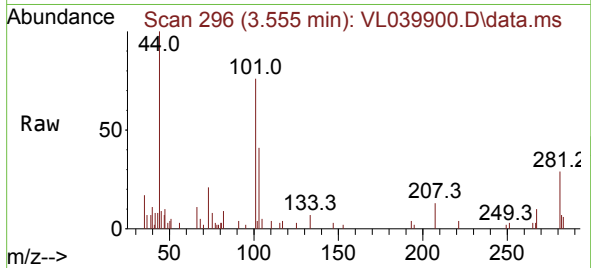




#19
Isopropyl Alcohol
Concen: 0.002 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

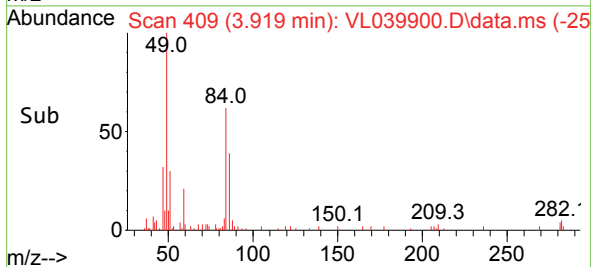
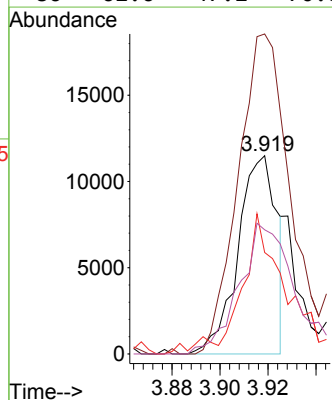
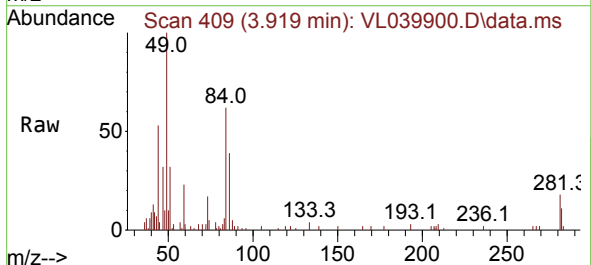
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

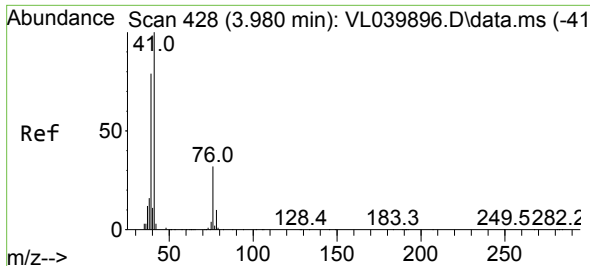
Tgt Ion: 45 Resp: 134
Ion Ratio Lower Upper
45 100
58 0.0 38.7 58.1#



#20
Methylene Chloride
Concen: 0.163 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.007 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 84 Resp: 12962
Ion Ratio Lower Upper
84 100
49 161.4 122.2 183.4
51 45.8 36.3 54.5
86 62.6 47.2 70.8

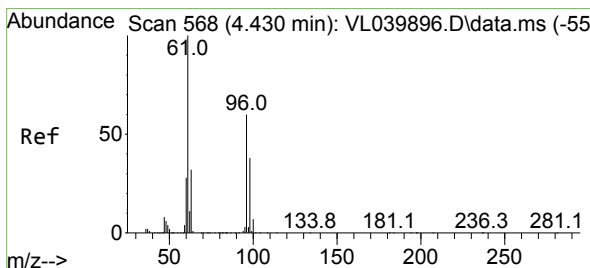
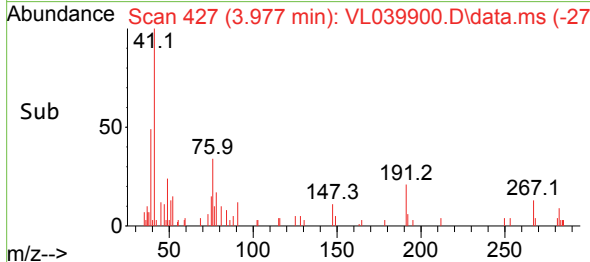
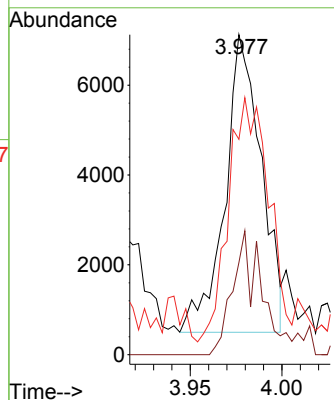
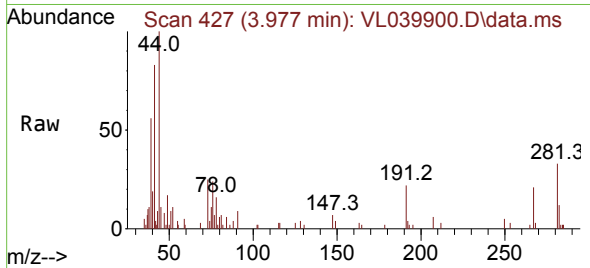




#21
 Allyl Chloride
 Concen: 0.080 ppbv
 RT: 3.977 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

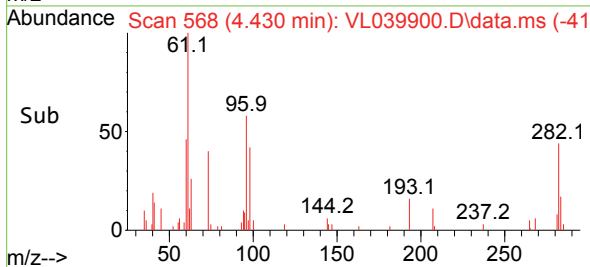
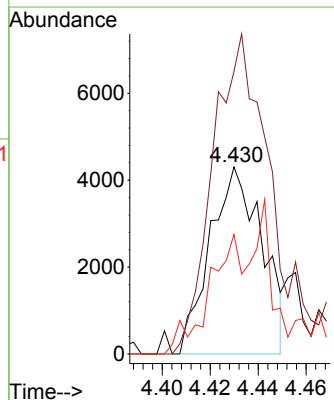
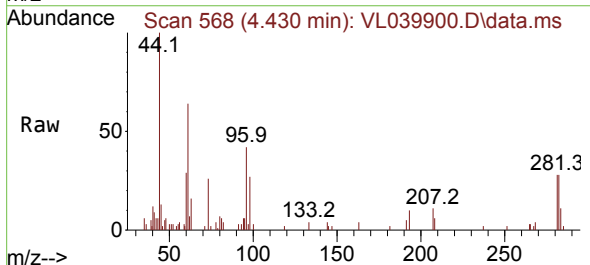
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

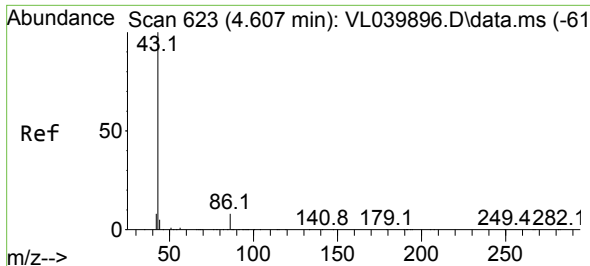
Tgt Ion:	41	Resp:	9118
Ion Ratio	Lower	Upper	
41	100		
76	36.2	25.6	38.4
39	103.1	65.2	97.8#



#22
 trans-1,2-Dichloroethene
 Concen: 0.086 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion:	96	Resp:	6484
Ion Ratio	Lower	Upper	
96	100		
61	145.6	134.1	201.1
98	46.1	50.4	75.6#

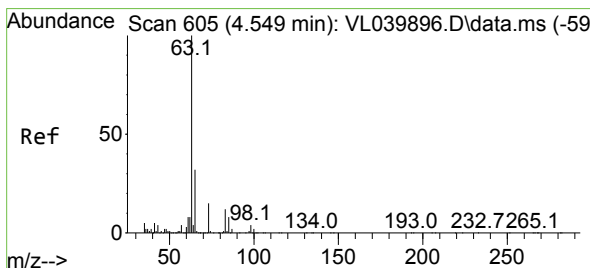
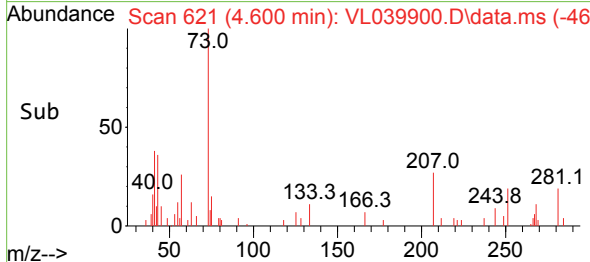
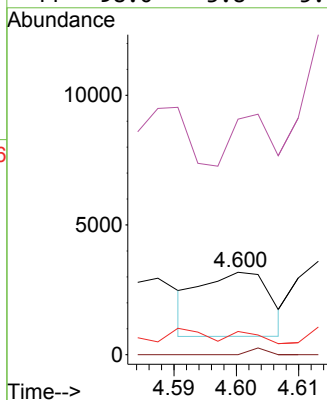
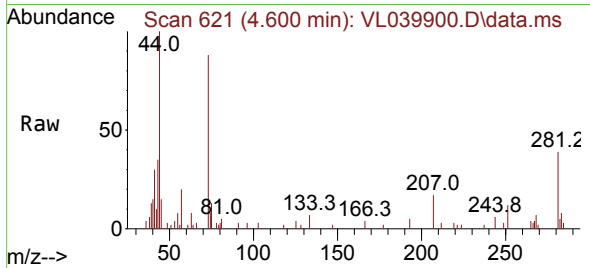




#23
 Vinyl Acetate
 Concen: 0.028 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

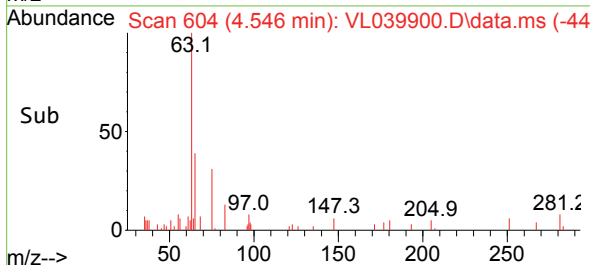
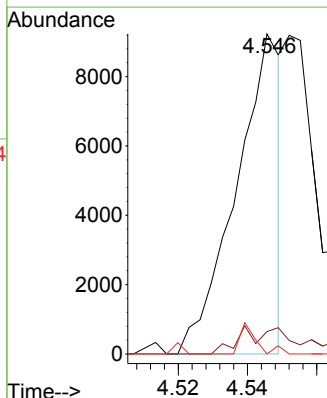
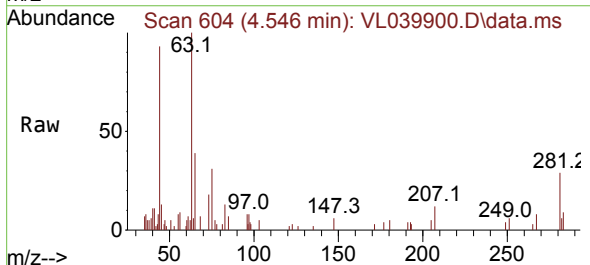
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

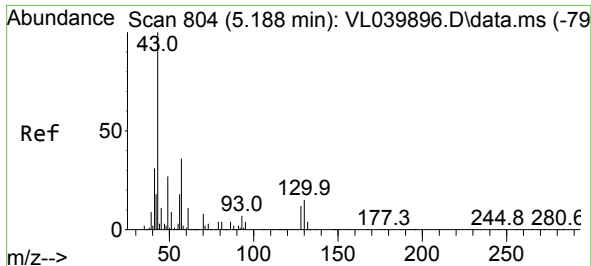
Tgt Ion: 43 Resp: 1914
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.0 7.4#
 42 32.5 7.6 11.4#
 44 98.0 3.8 5.6#



#24
 1,1-Dichloroethane
 Concen: 0.051 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 63 Resp: 8245
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.1 6.5#
 100 0.0 1.1 3.5#





#25

Ethyl Acetate

Concen: 0.002 ppbv

RT: 5.166 min Scan# 79

Delta R.T. -0.022 min

Lab File: VL039900.D

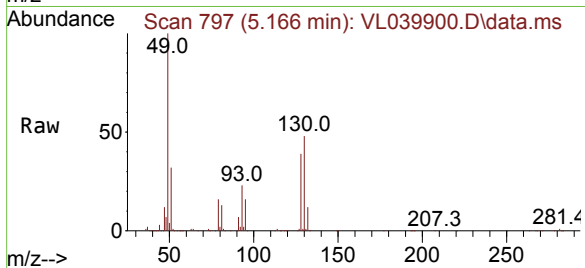
Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion: 43 Resp: 643

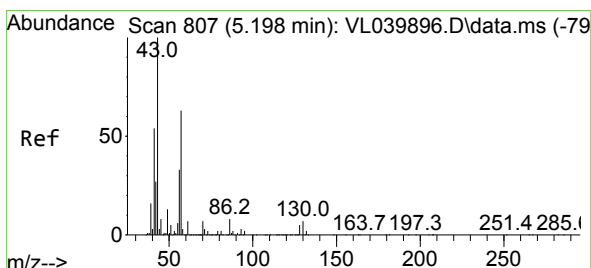
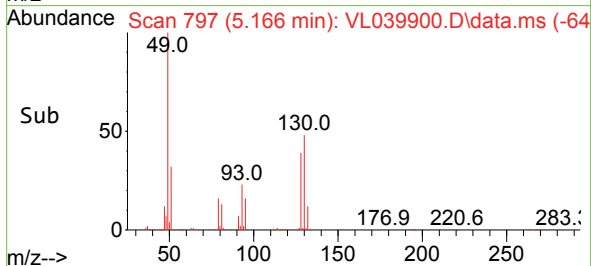
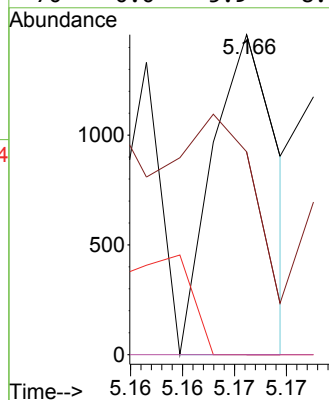
Ion Ratio Lower Upper

43 100

45 0.0 8.4 12.6#

61 0.0 8.5 12.7#

70 0.0 5.9 8.9#



#26

Hexane

Concen: 0.107 ppbv

RT: 5.192 min Scan# 805

Delta R.T. -0.006 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Tgt Ion: 57 Resp: 14070

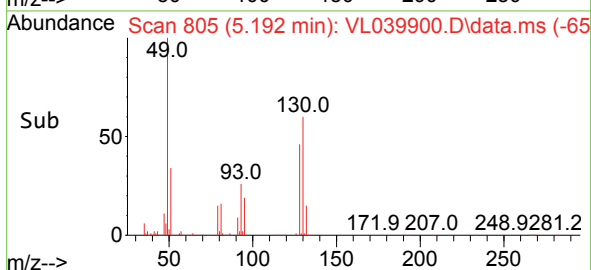
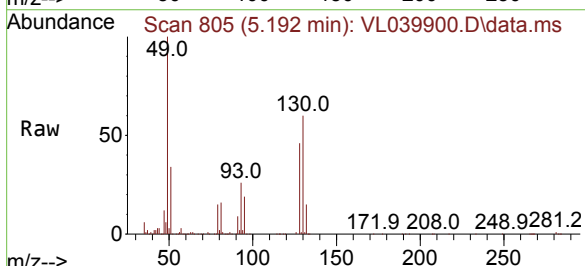
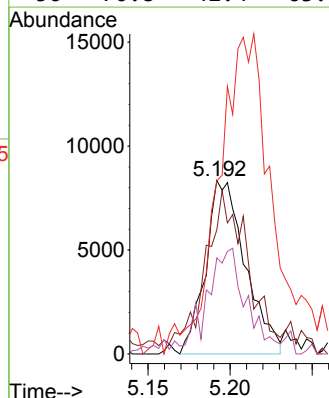
Ion Ratio Lower Upper

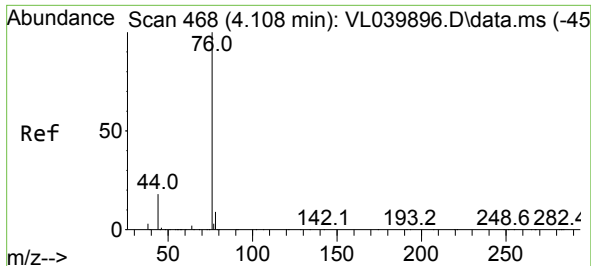
57 100

41 107.8 72.3 108.5

43 0.0 188.7 283.1#

56 70.8 42.4 63.6#

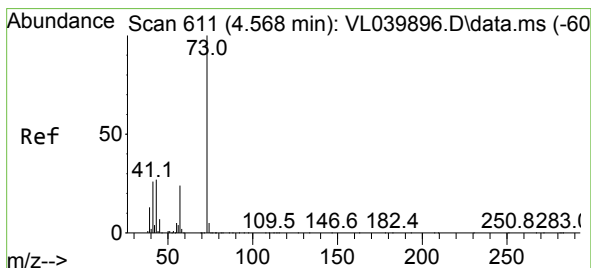
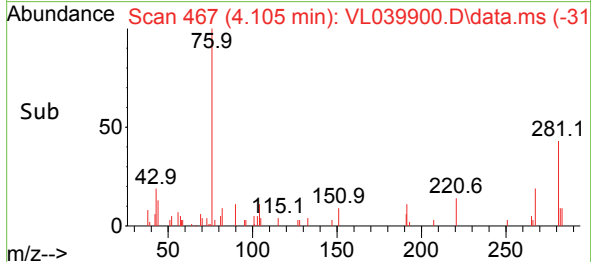
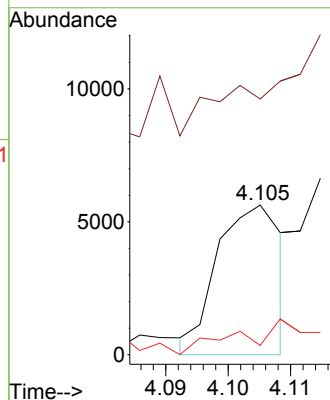
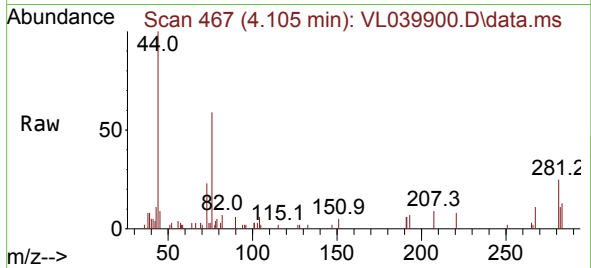




#27
Carbon Disulfide
Concen: 0.024 ppbv
RT: 4.105 min Scan# 4027
Delta R.T. -0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

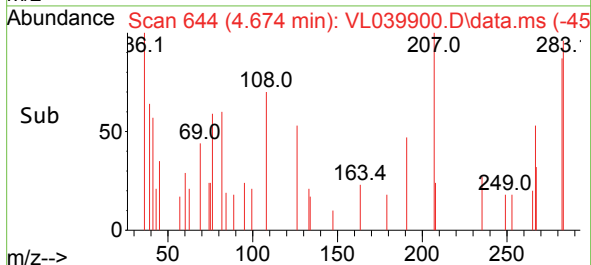
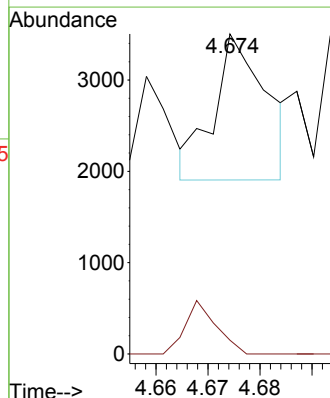
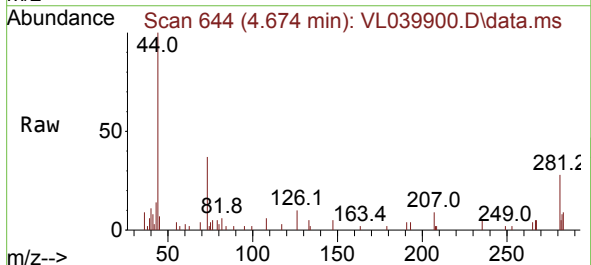
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

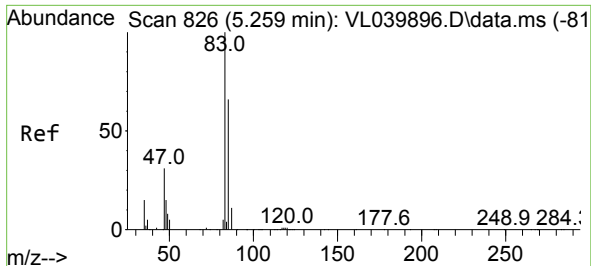
Tgt Ion: 76 Resp: 4027
Ion Ratio Lower Upper
76 100
44 0.0 14.7 22.1#
78 56.2 7.8 11.8#



#28
Methyl tert-Butyl Ether
Concen: 0.007 ppbv
RT: 4.674 min Scan# 644
Delta R.T. 0.106 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 73 Resp: 1113
Ion Ratio Lower Upper
73 100
57 21.7 18.9 28.3





#29

Chloroform

Concen: 0.116 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

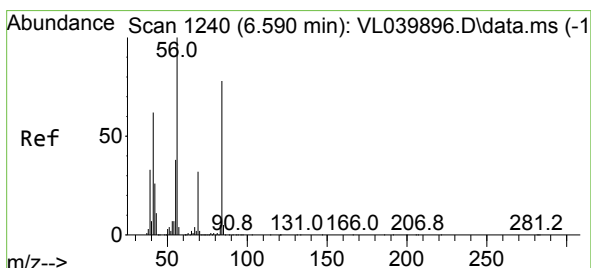
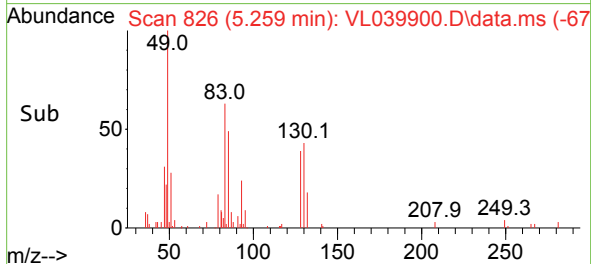
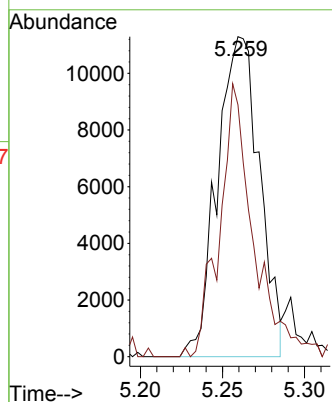
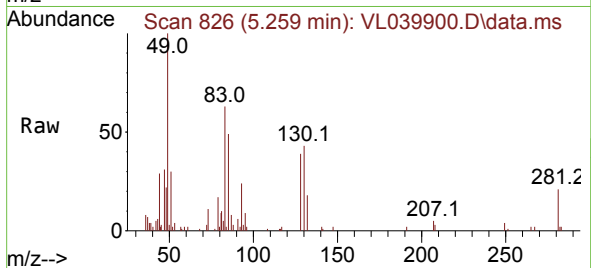
VSTDICC0.1

Tgt Ion: 83 Resp: 20223

Ion Ratio Lower Upper

83 100

85 78.7 52.4 78.6#



#30

Cyclohexane

Concen: 0.026 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

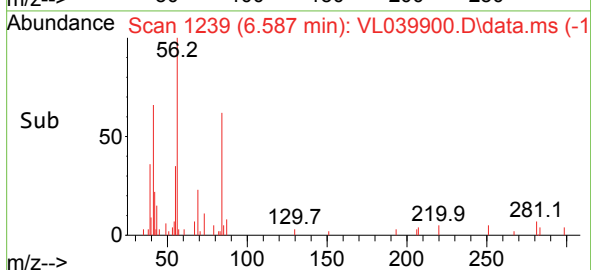
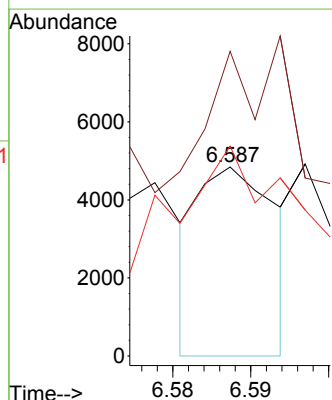
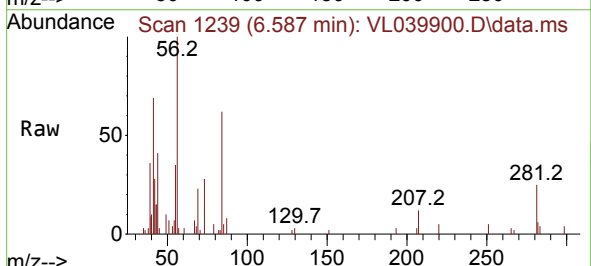
Tgt Ion: 84 Resp: 3342

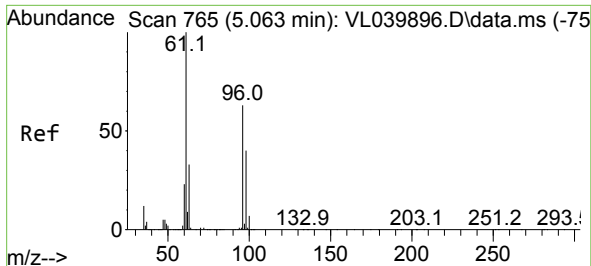
Ion Ratio Lower Upper

84 100

56 0.0 112.5 168.7#

41 337.3 67.8 101.8#

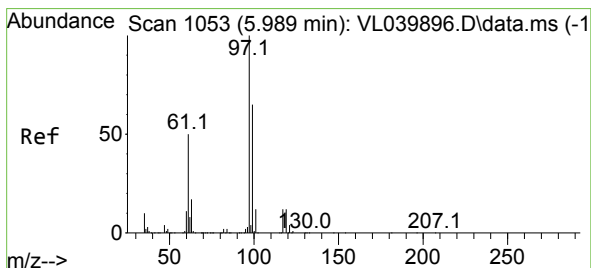
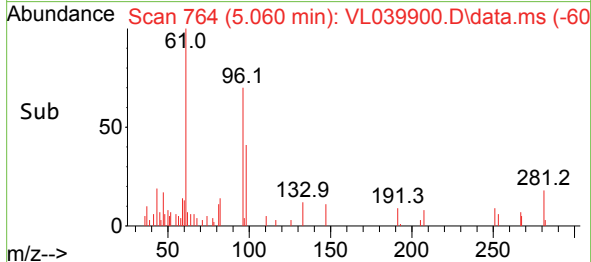
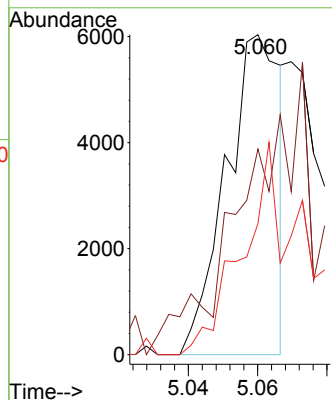
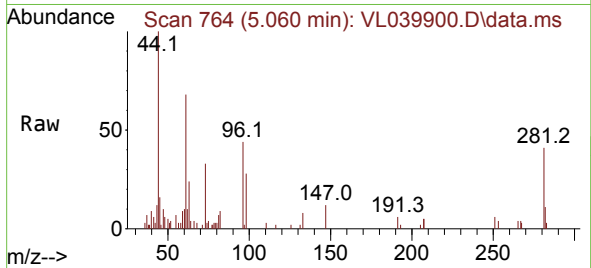




#31
 cis-1,2-Dichloroethene
 Concen: 0.054 ppbv
 RT: 5.060 min Scan# 765
 Delta R.T. -0.003 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

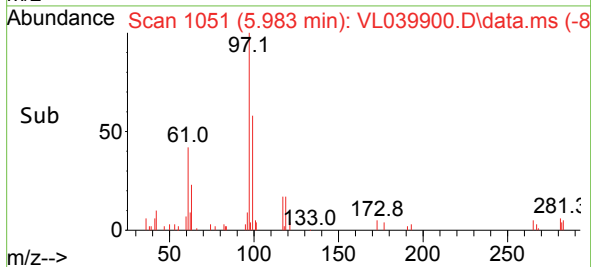
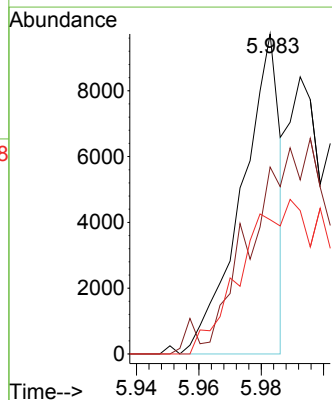
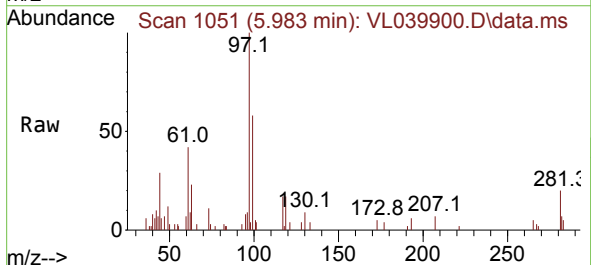
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

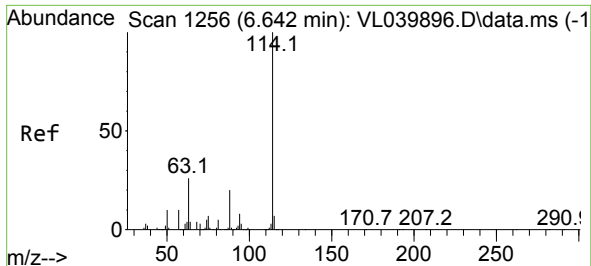
Tgt Ion: 61 Resp: 6510
 Ion Ratio Lower Upper
 61 100
 96 52.4 50.3 75.5
 98 41.0 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 0.038 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.006 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 97 Resp: 8270
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.4 77.0#
 61 0.0 40.7 61.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

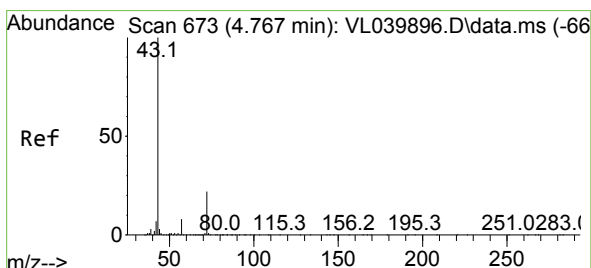
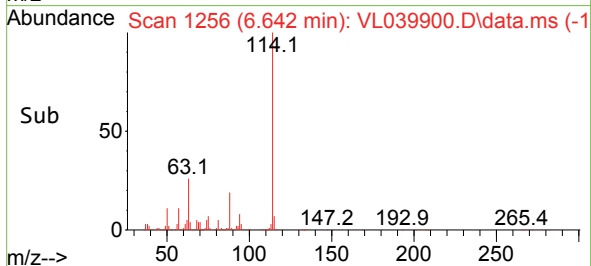
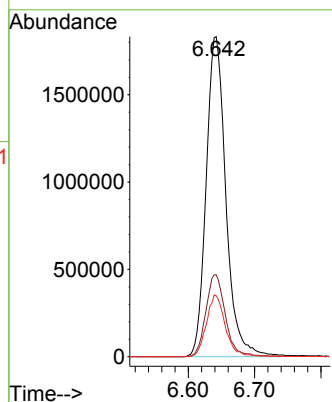
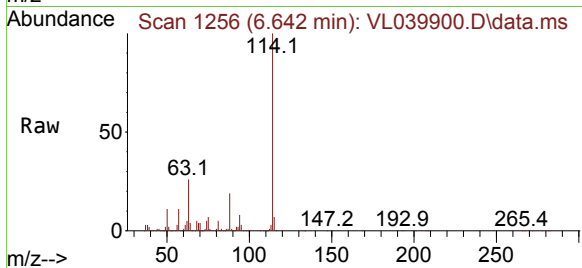
Tgt Ion:114 Resp: 3787825

Ion Ratio Lower Upper

114 100

63 25.5 21.4 32.0

88 18.6 15.3 22.9



#34

2-Butanone

Concen: 0.003 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.003 min

Lab File: VL039900.D

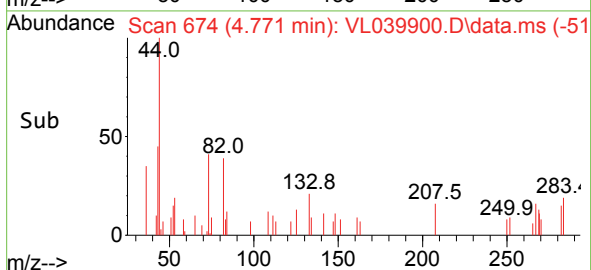
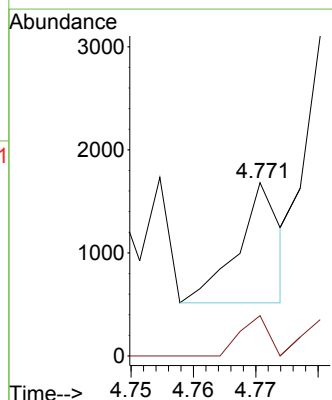
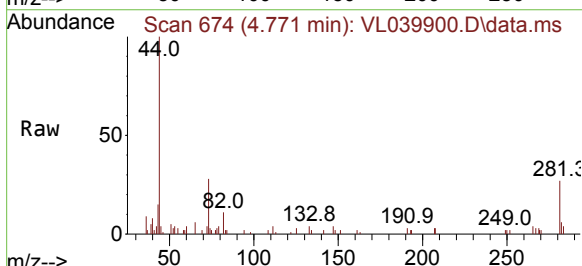
Acq: 18 Nov 2022 11:17

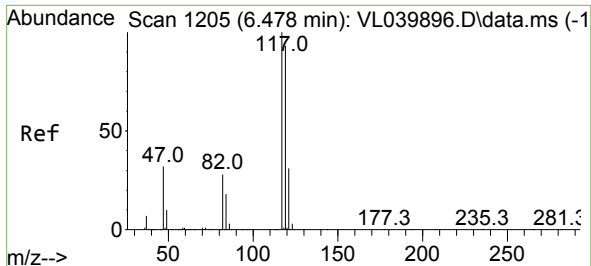
Tgt Ion: 43 Resp: 549

Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.2#

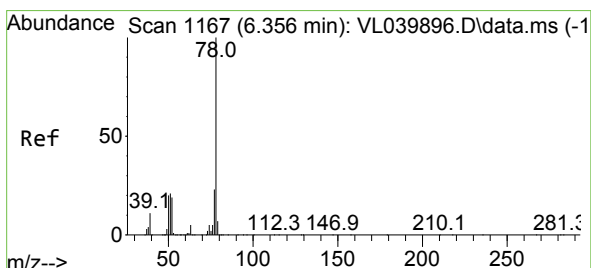
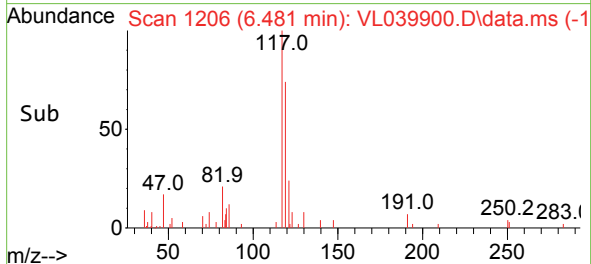
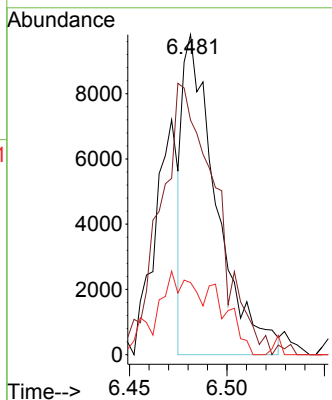
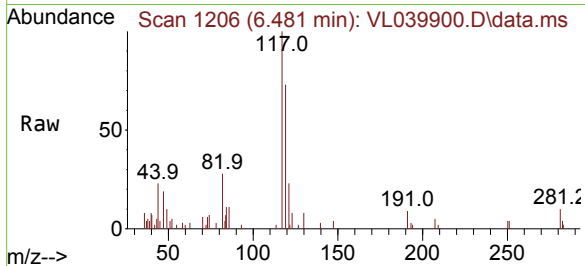




#35
Carbon Tetrachloride
Concen: 0.055 ppbv
RT: 6.481 min Scan# 11792
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

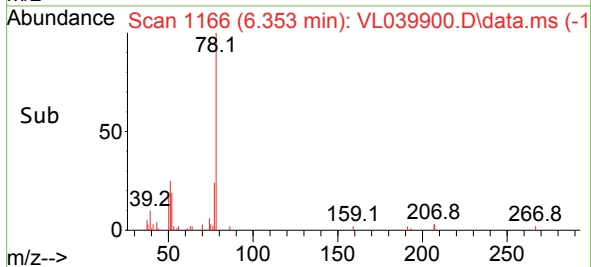
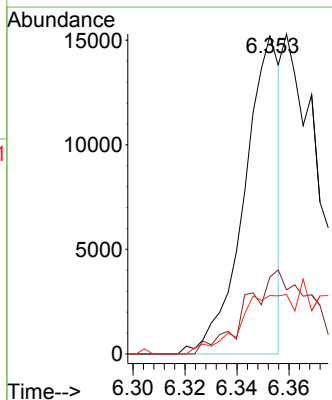
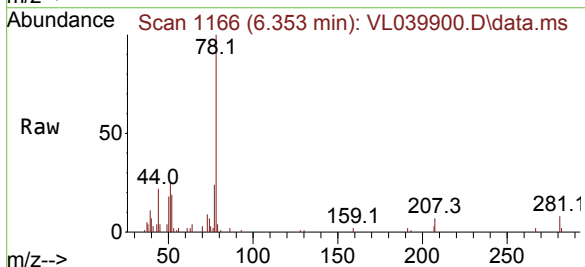
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

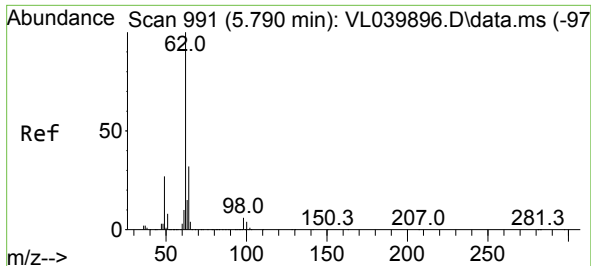
Tgt Ion:117 Resp: 11792
Ion Ratio Lower Upper
117 100
119 74.2 74.7 112.1#
121 19.3 24.5 36.7#



#36
Benzene
Concen: 0.045 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 78 Resp: 14388
Ion Ratio Lower Upper
78 100
77 24.2 18.2 27.2
50 18.4 15.8 23.8

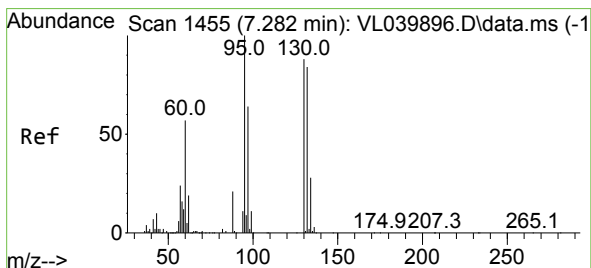
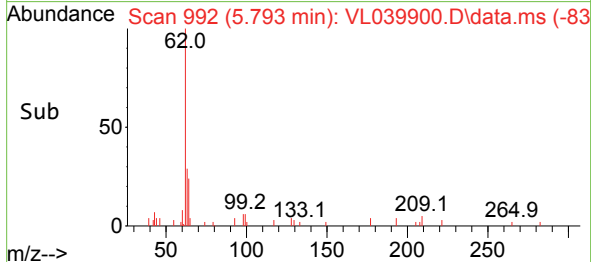
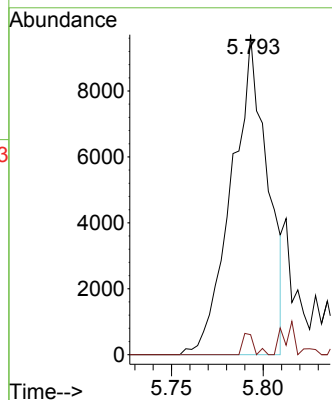
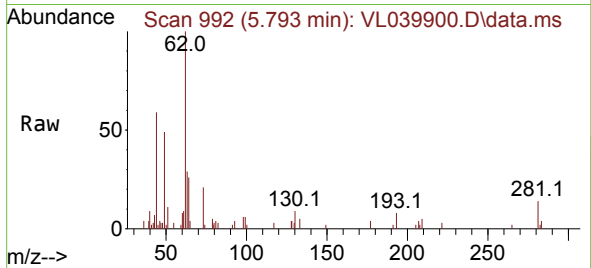




#37
1,2-Dichloroethane
Concen: 0.075 ppbv
RT: 5.793 min Scan# 991
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

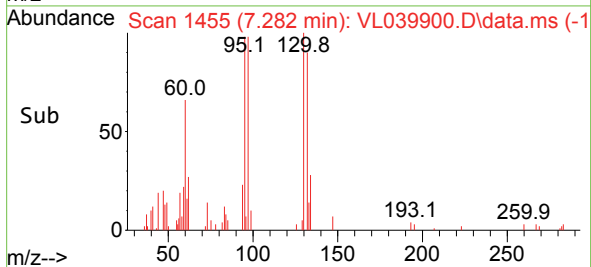
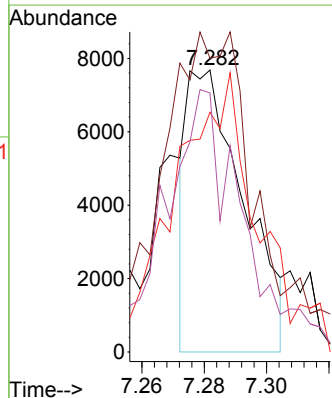
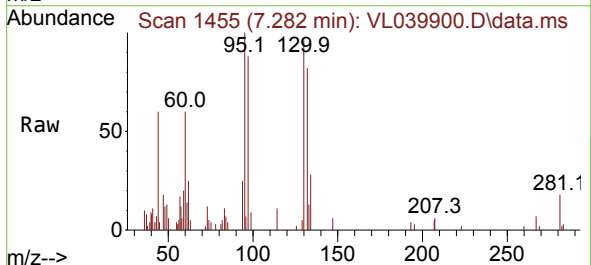
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

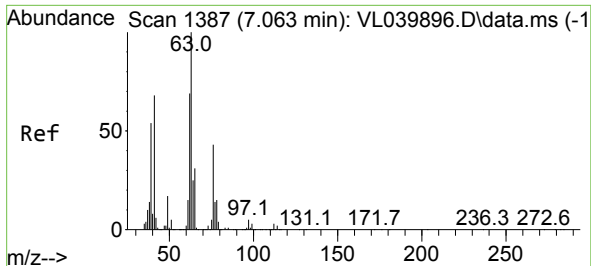
Tgt Ion: 62 Resp: 13165
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.6#



#38
Trichloroethene
Concen: 0.054 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 130 Resp: 9672
Ion Ratio Lower Upper
130 100
95 114.3 90.6 135.8
132 65.3 76.2 114.4#
97 106.7 58.0 87.0#





#39

1,2-Dichloropropane

Concen: 7.614 ppbv

RT: 6.639 min Scan# 1

Delta R.T. -0.424 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

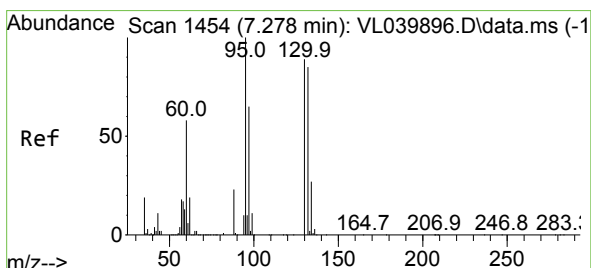
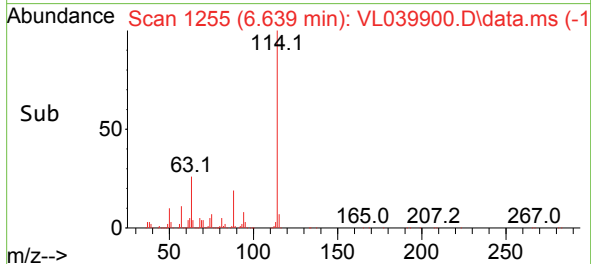
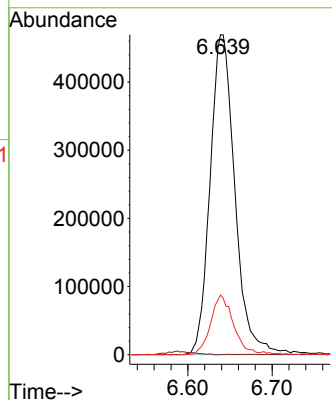
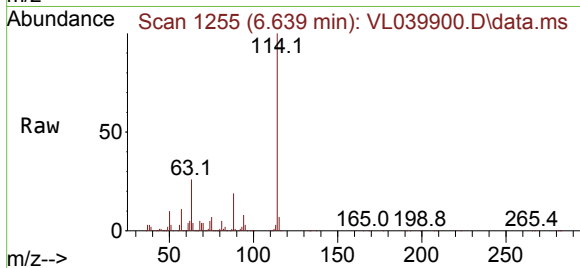
Tgt Ion: 63 Resp: 955151

Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 18.7 55.0 82.6#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Tgt Ion: 88 Resp: 130

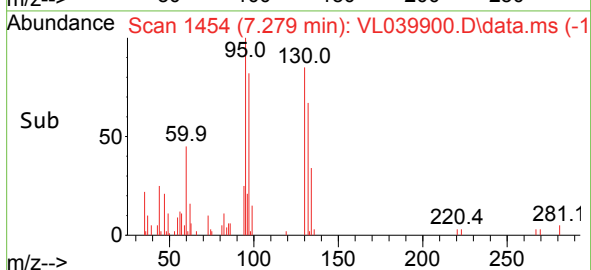
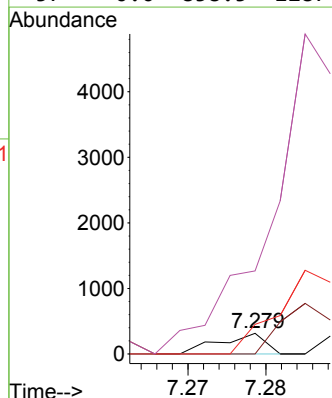
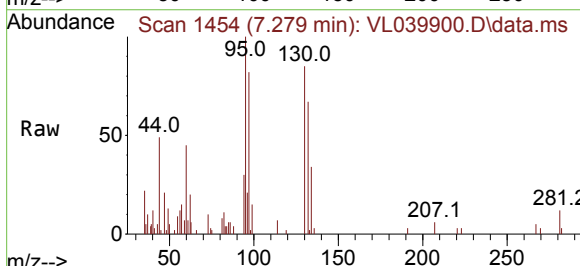
Ion Ratio Lower Upper

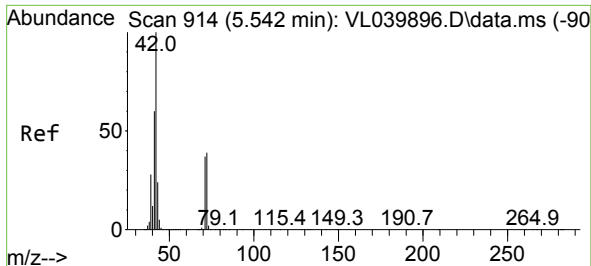
88 100

58 0.0 100.5 150.7#

43 0.0 195.8 293.8#

57 0.0 858.5 1287.7#





#41

Tetrahydrofuran

Concen: 0.002 ppbv

RT: 5.552 min Scan# 914

Delta R.T. 0.010 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

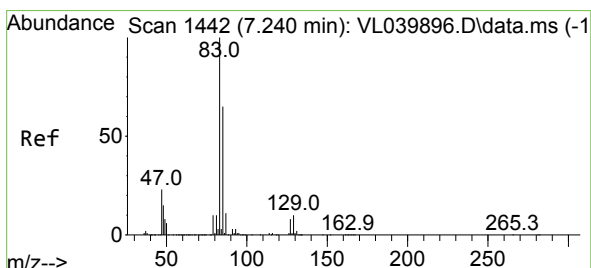
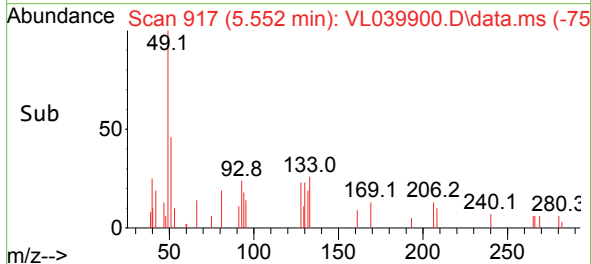
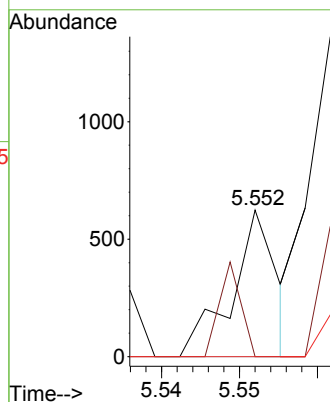
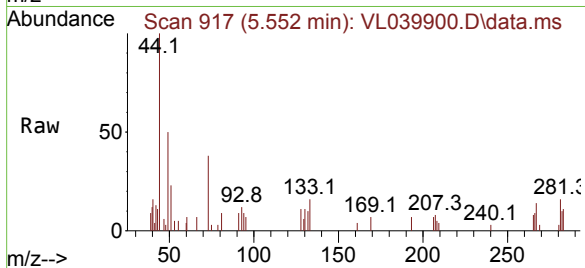
Tgt Ion: 42 Resp: 250

Ion Ratio Lower Upper

42 100

72 0.0 31.6 47.4#

71 0.0 31.2 46.8#



#42

Bromodichloromethane

Concen: 0.041 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

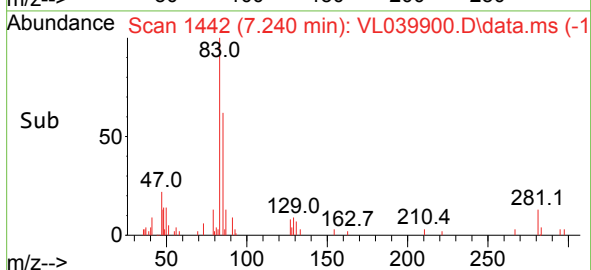
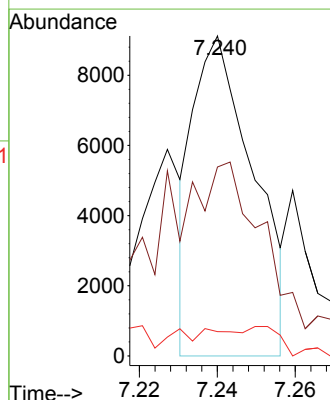
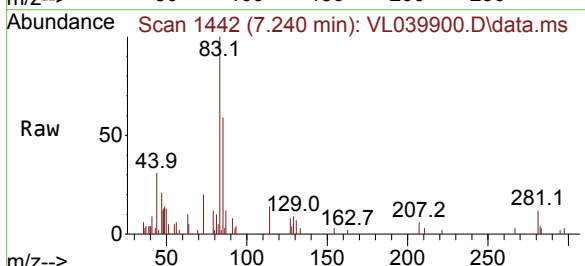
Tgt Ion: 83 Resp: 9834

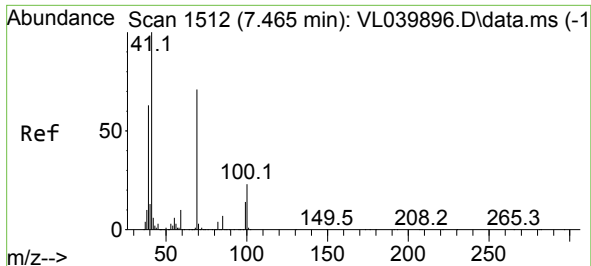
Ion Ratio Lower Upper

83 100

85 60.5 52.0 78.0

127 1.7 6.5 9.7#

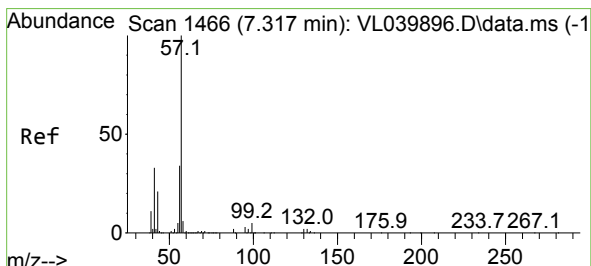
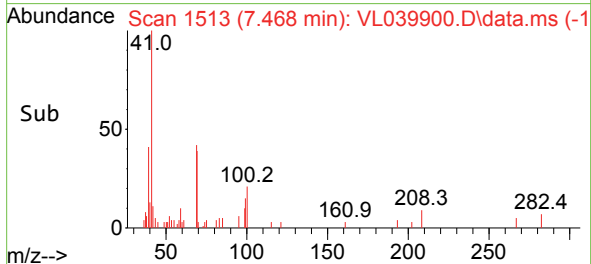
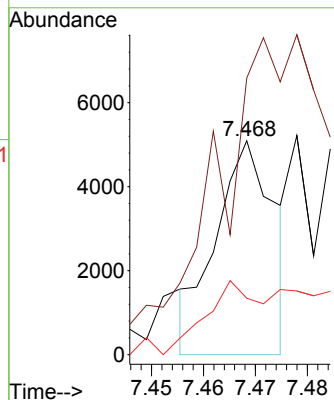
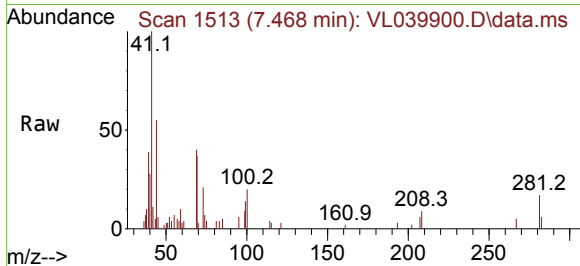




#43
Methyl Methacrylate
Concen: 0.031 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

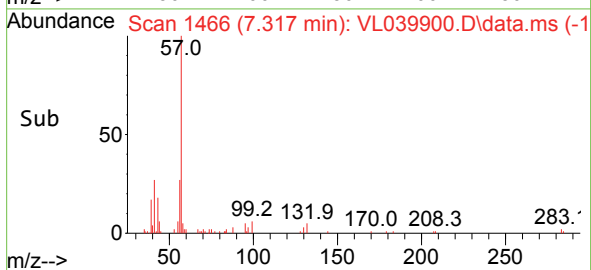
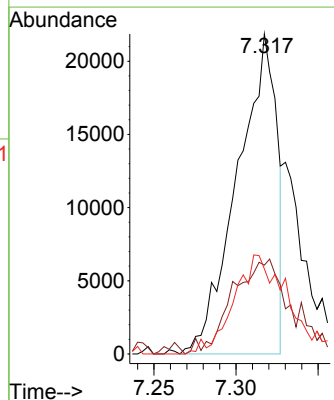
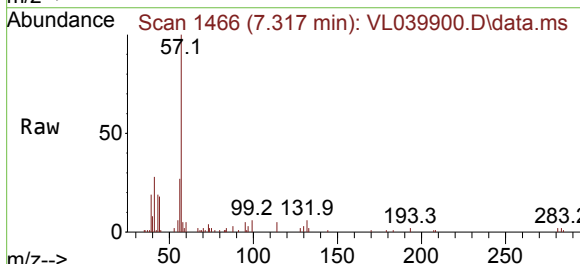
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

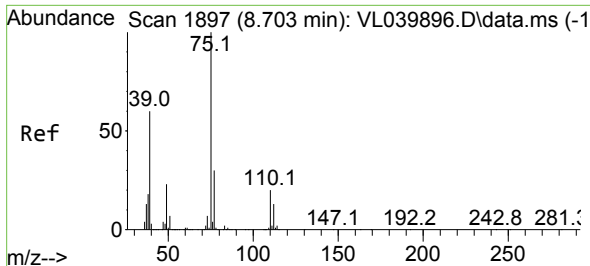
Tgt Ion: 69 Resp: 3972
Ion Ratio Lower Upper
69 100
41 0.0 116.4 174.6#
100 93.0 26.8 40.2#



#44
2,2,4-Trimethylpentane
Concen: 0.068 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 57 Resp: 36431
Ion Ratio Lower Upper
57 100
41 45.7 26.2 39.2#
56 44.4 25.5 38.3#

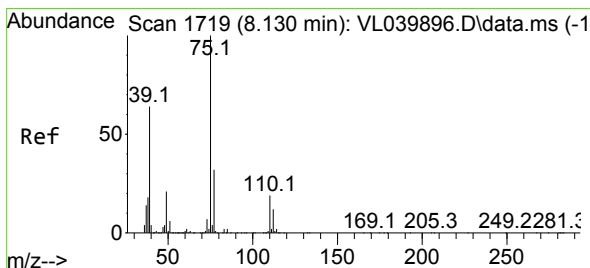
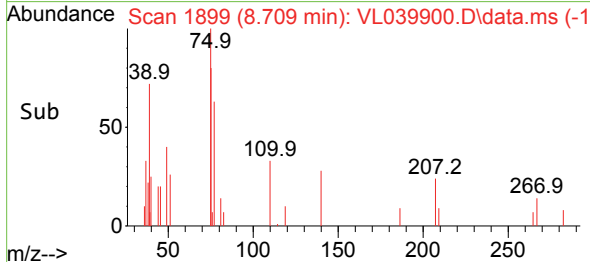
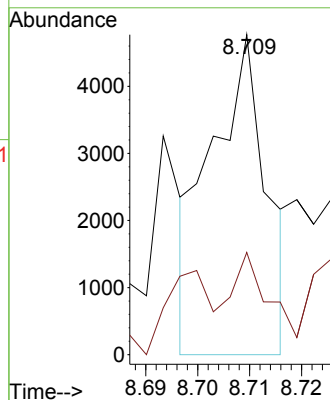
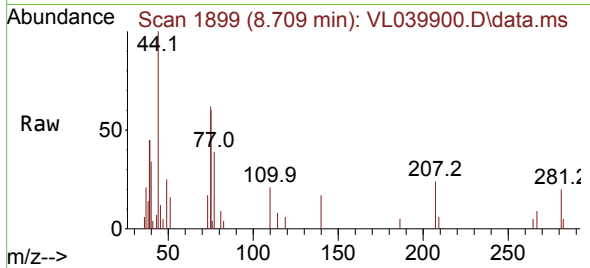




#45
 t-1,3-Dichloropropene
 Concen: 0.030 ppbv
 RT: 8.709 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

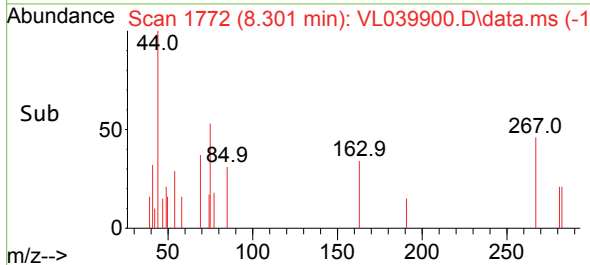
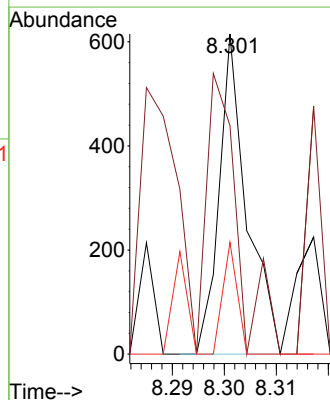
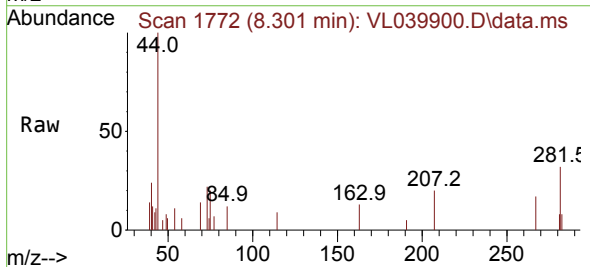
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

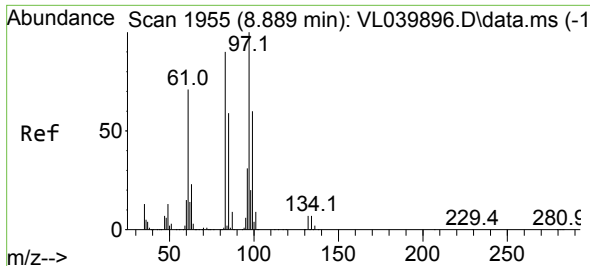
Tgt Ion: 75 Resp: 3546
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4



#46
 cis-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 8.301 min Scan# 1772
 Delta R.T. 0.171 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 75 Resp: 227
 Ion Ratio Lower Upper
 75 100
 39 71.4 51.0 76.4
 77 35.0 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 0.047 ppbv

RT: 8.893 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 97 Resp: 6078

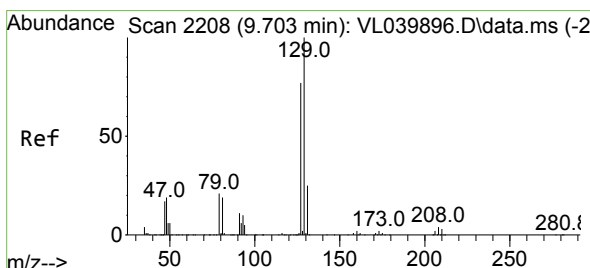
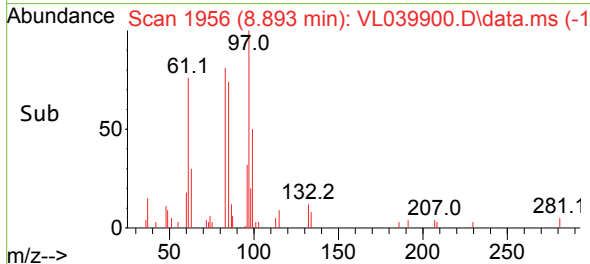
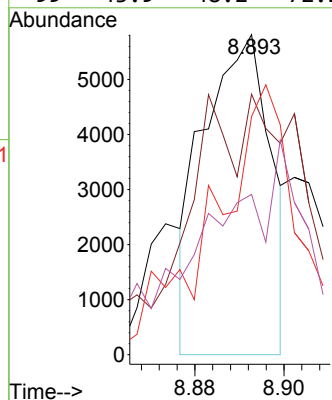
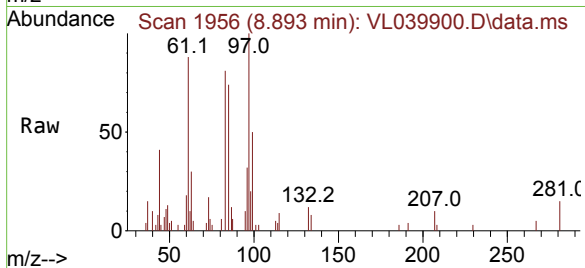
Ion Ratio Lower Upper

97 100

83 76.8 72.1 108.1

85 78.9 47.2 70.8#

99 43.9 48.2 72.2#



#48

Dibromochloromethane

Concen: 0.023 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VL039900.D

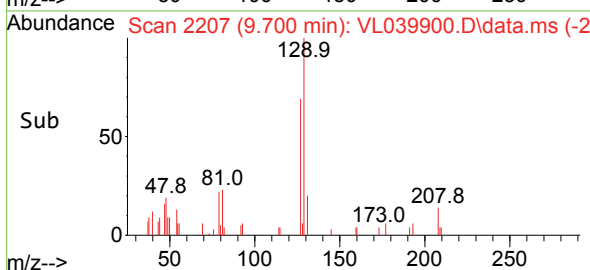
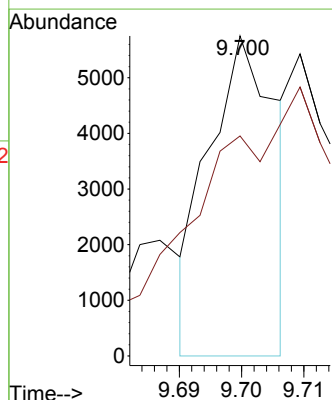
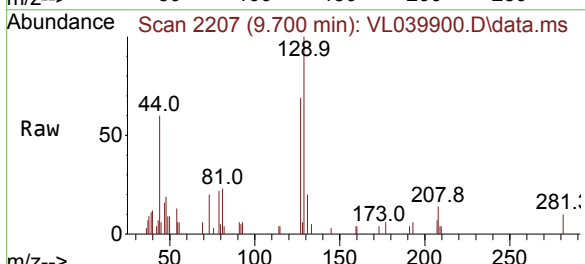
Acq: 18 Nov 2022 11:17

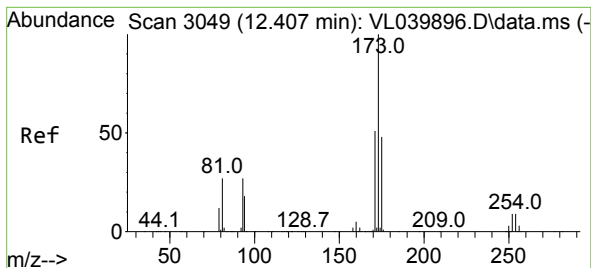
Tgt Ion: 129 Resp: 4346

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#





#49

Bromoform

Concen: 0.028 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

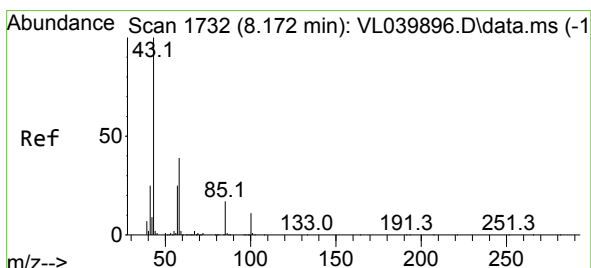
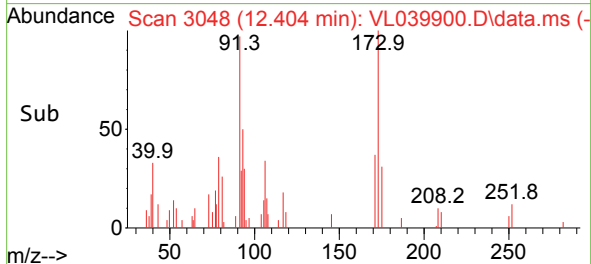
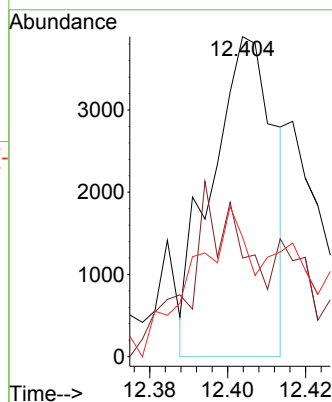
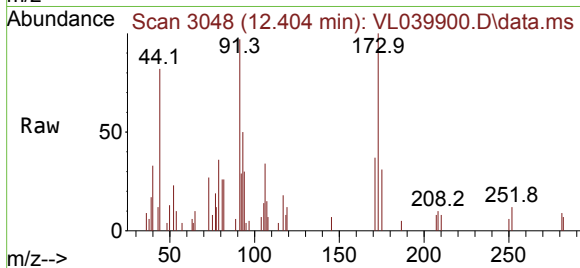
Tgt Ion:173 Resp: 4343

Ion Ratio Lower Upper

173 100

175 80.9 39.1 58.7#

171 84.9 41.8 62.8#



#50

4-Methyl-2-Pentanone

Concen: 0.081 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.036 min

Lab File: VL039900.D

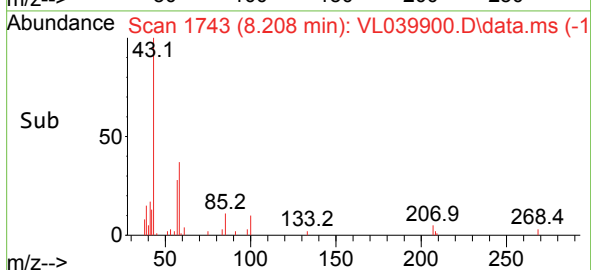
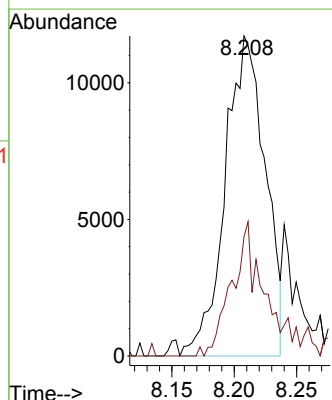
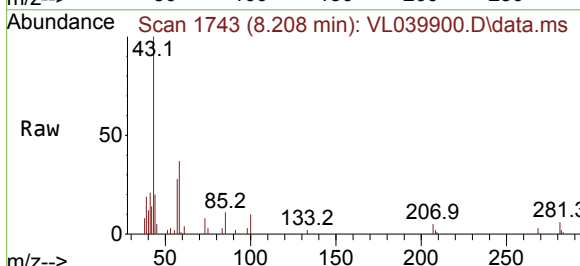
Acq: 18 Nov 2022 11:17

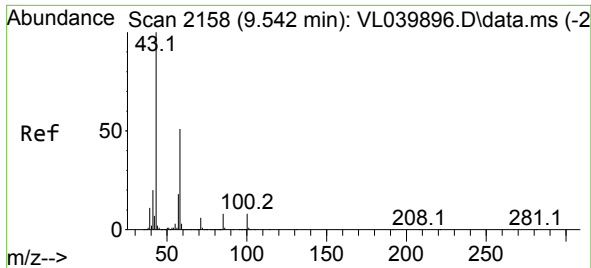
Tgt Ion: 43 Resp: 26150

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6

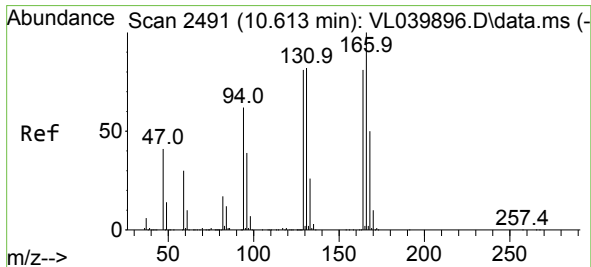
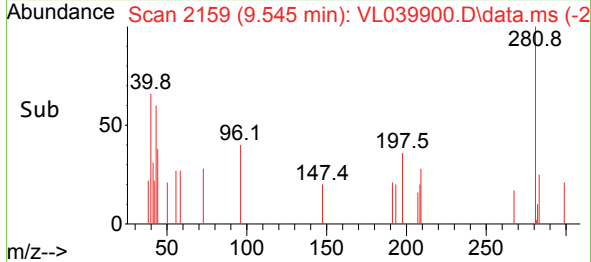
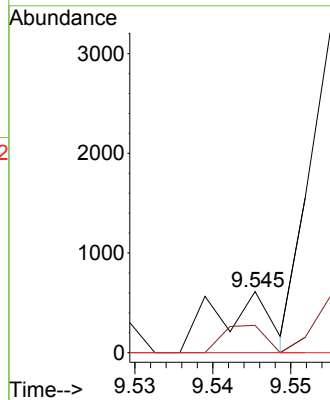
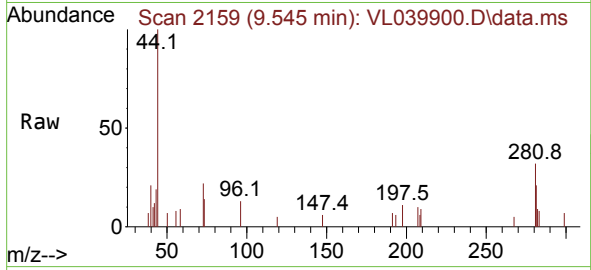




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.545 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

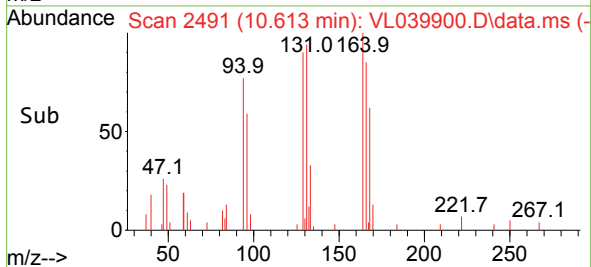
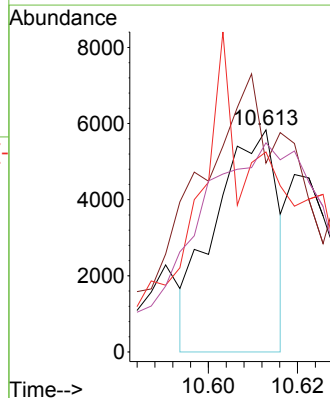
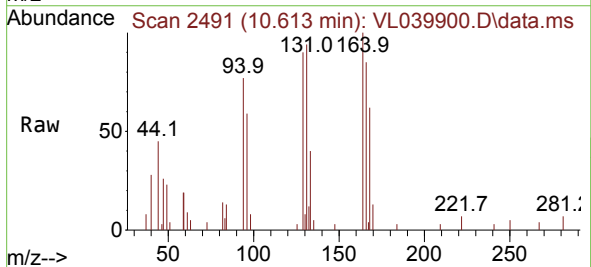
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

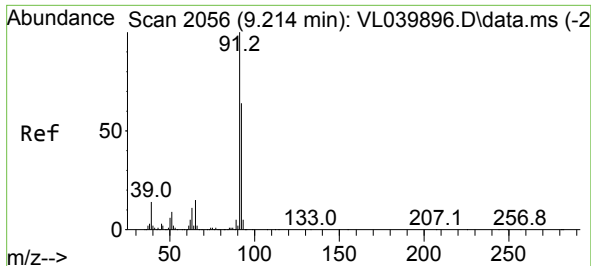
Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.4#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.047 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion:164 Resp: 5679
Ion Ratio Lower Upper
164 100
166 24.3 98.3 147.5#
129 73.0 79.7 119.5#
131 68.6 80.2 120.4#

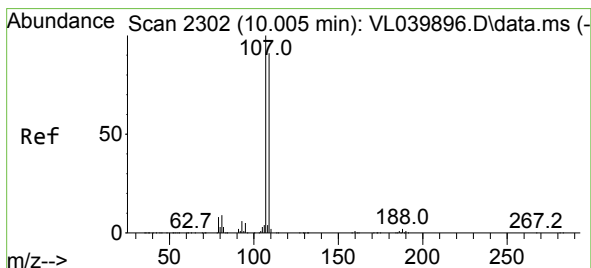
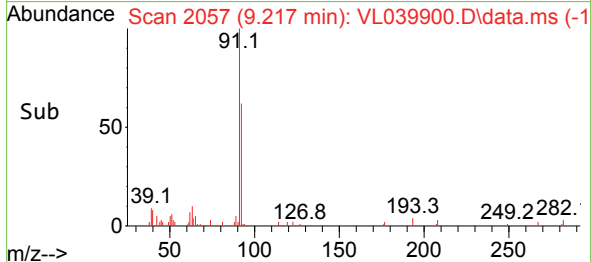
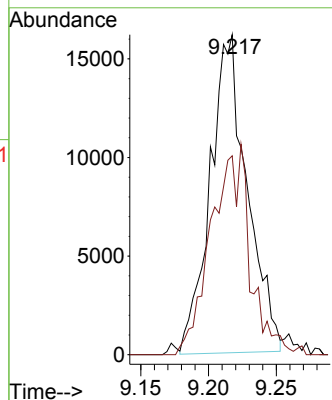
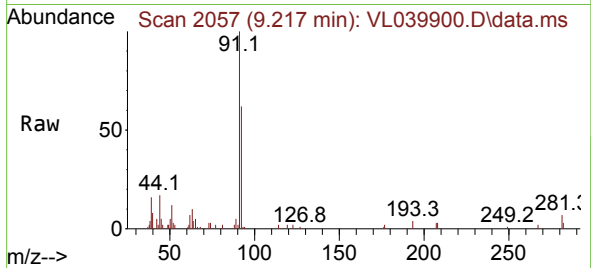




#53
Toluene
Concen: 0.084 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

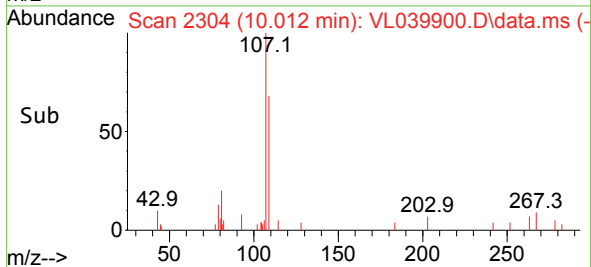
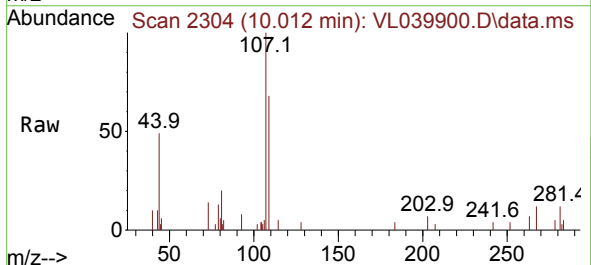
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

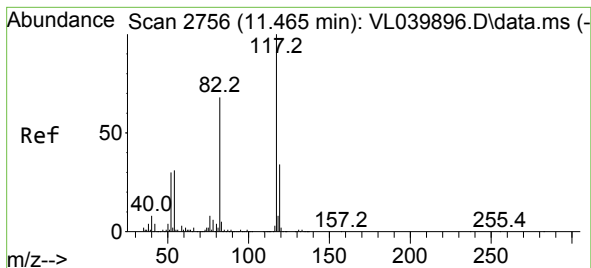
Tgt Ion: 91 Resp: 30720
Ion Ratio Lower Upper
91 100
92 68.7 49.8 74.6



#54
1,2-Dibromoethane
Concen: 0.016 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. 0.007 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 107 Resp: 2266
Ion Ratio Lower Upper
107 100
109 12.9 72.8 109.2#

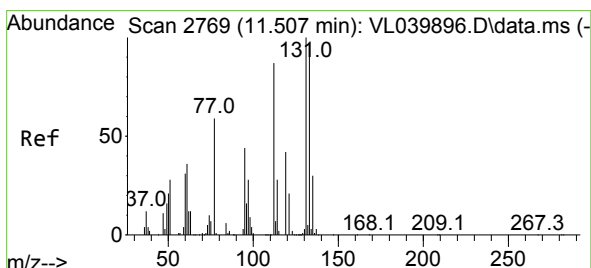
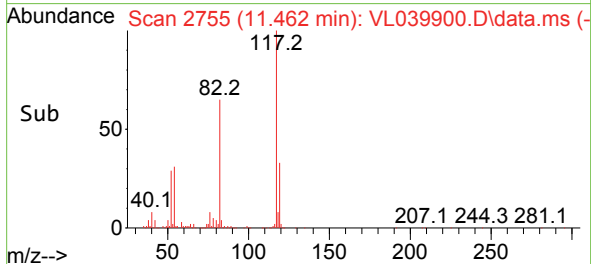
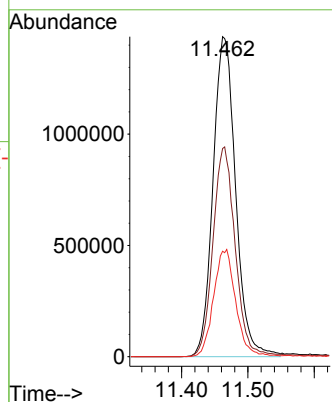
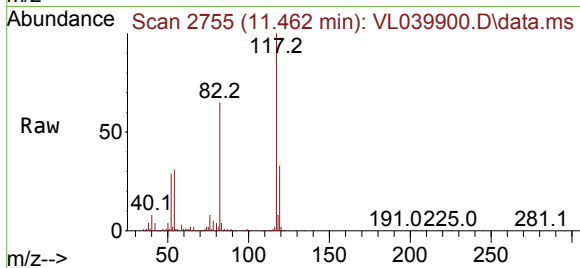




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

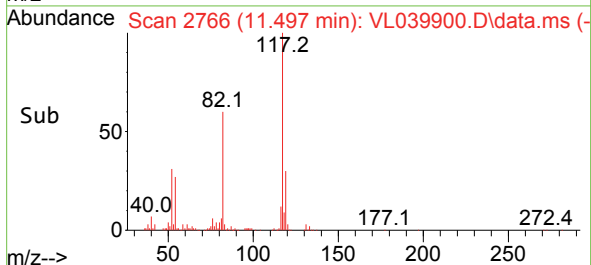
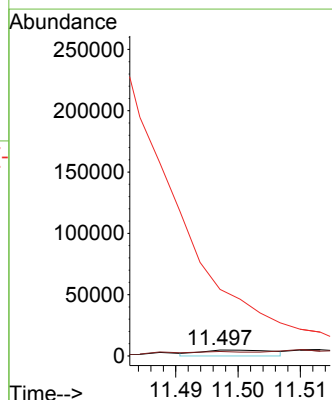
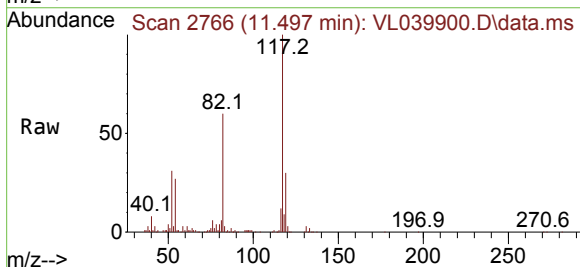
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

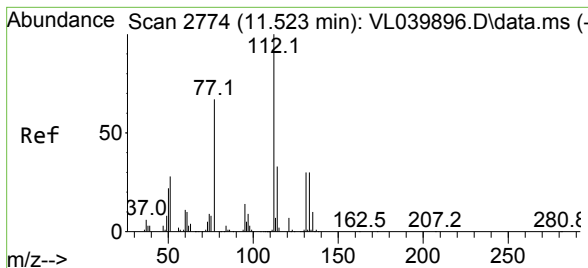
Tgt Ion:117 Resp: 3405123
Ion Ratio Lower Upper
117 100
82 65.2 52.3 78.5
119 33.1 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.029 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.009 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion:131 Resp: 3991
Ion Ratio Lower Upper
131 100
133 0.0 76.7 115.1#
119 0.0 46.6 69.8#

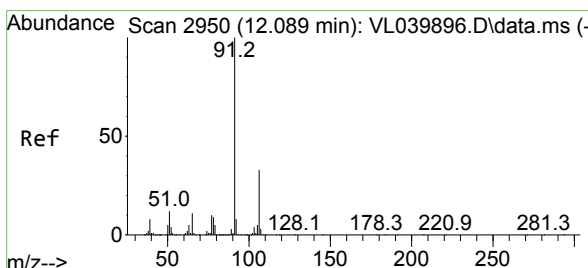
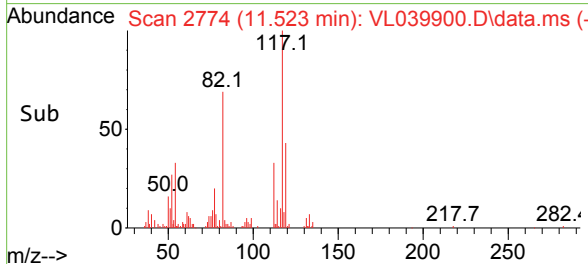
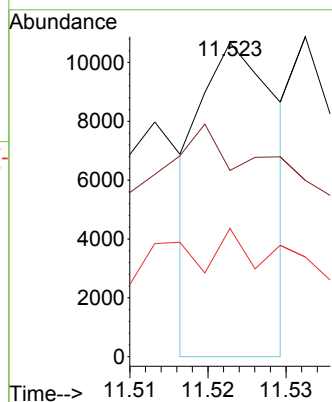
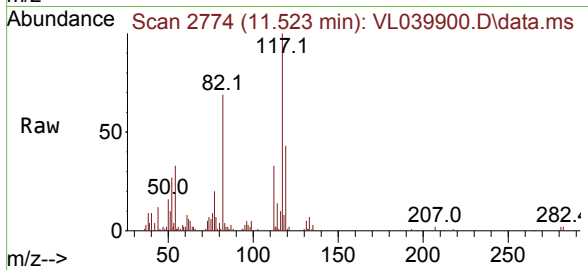




#57
Chlorobenzene
Concen: 0.028 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

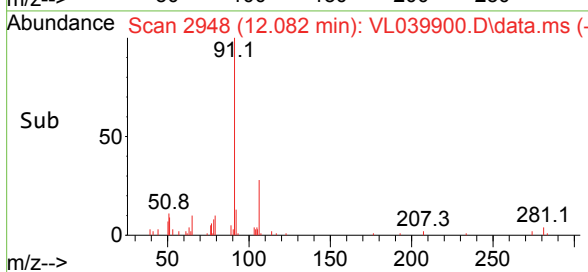
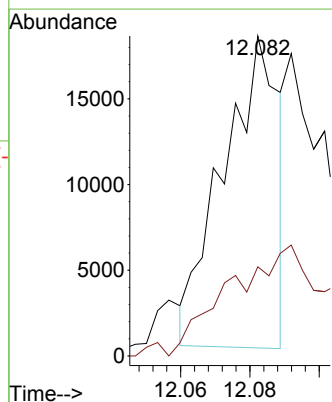
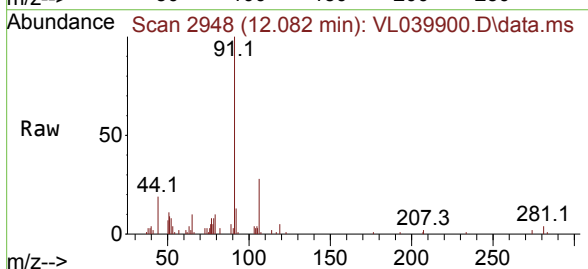
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

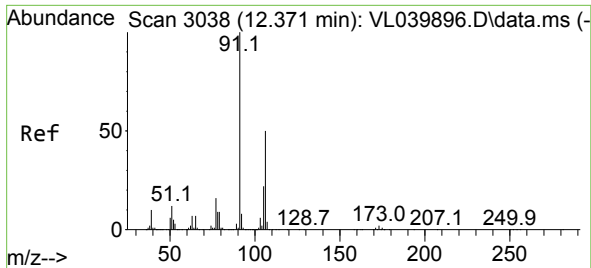
Tgt Ion:112 Resp: 7312
Ion Ratio Lower Upper
112 100
77 0.0 54.6 81.8#
114 15.2 30.1 36.7#



#58
Ethyl Benzene
Concen: 0.044 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.006 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 91 Resp: 20173
Ion Ratio Lower Upper
91 100
106 28.2 26.1 39.1

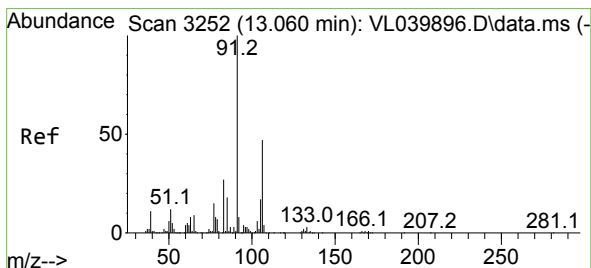
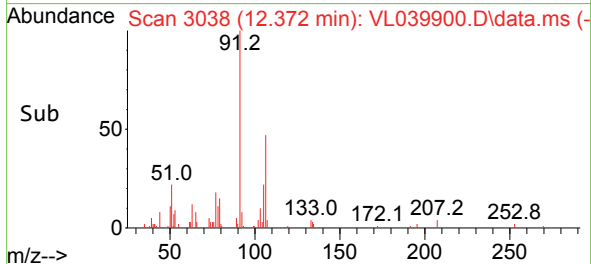
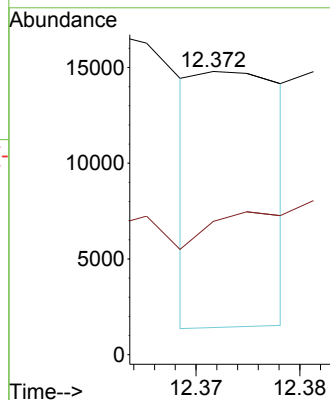
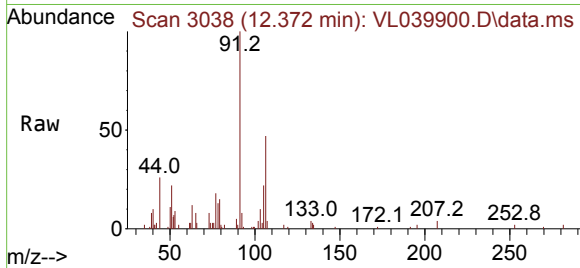




#59
m/p-Xylene
Concen: 0.020 ppbv
RT: 12.372 min Scan# 3038
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

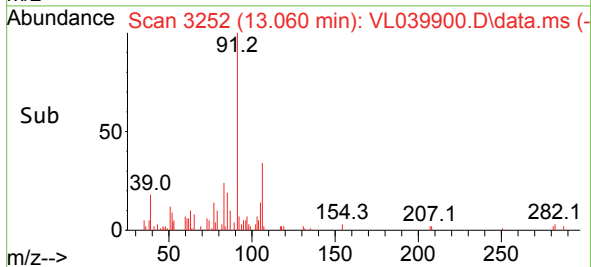
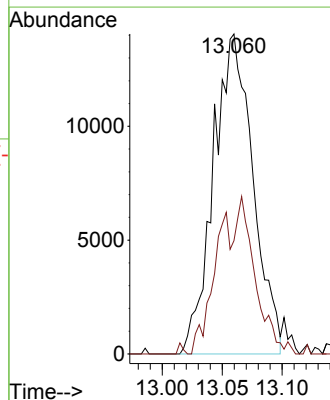
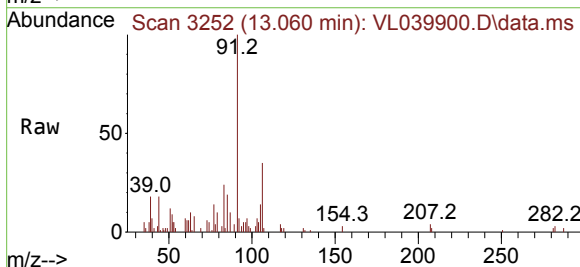
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

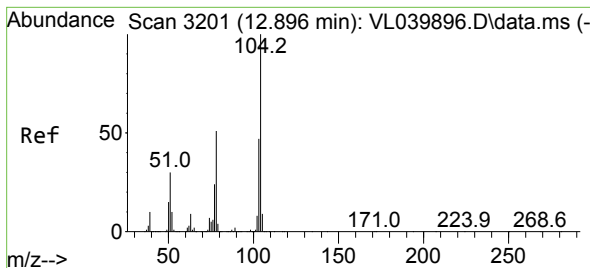
Tgt Ion: 91 Resp: 7584
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.6#



#60
o-Xylene
Concen: 0.088 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 91 Resp: 32330
Ion Ratio Lower Upper
91 100
106 46.5 23.2 69.6





#61

Styrene

Concen: 0.030 ppbv

RT: 12.893 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

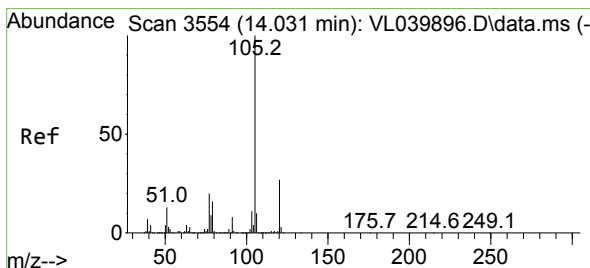
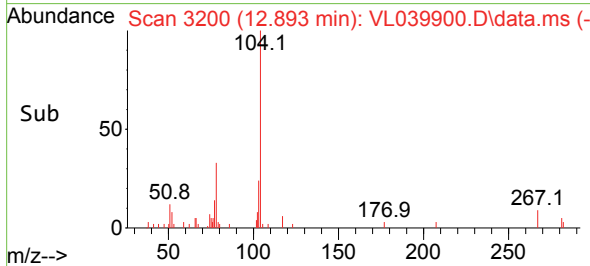
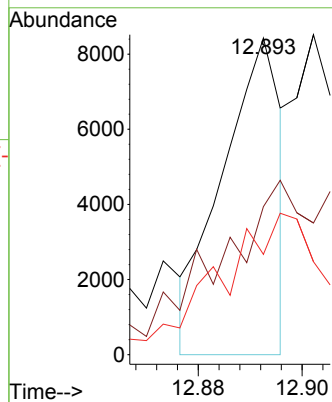
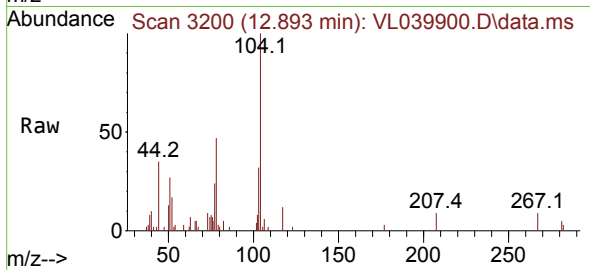
Tgt Ion:104 Resp: 6631

Ion Ratio Lower Upper

104 100

78 156.3 41.8 62.8#

103 113.6 37.2 55.8#



#62

Isopropylbenzene

Concen: 0.026 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. -0.003 min

Lab File: VL039900.D

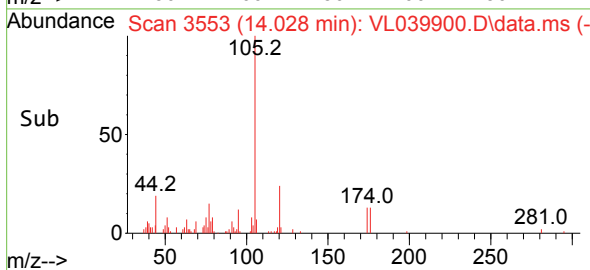
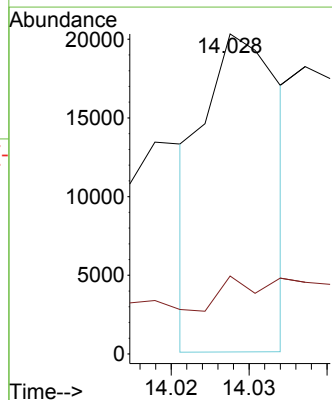
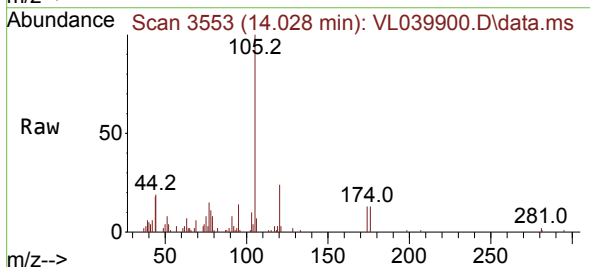
Acq: 18 Nov 2022 11:17

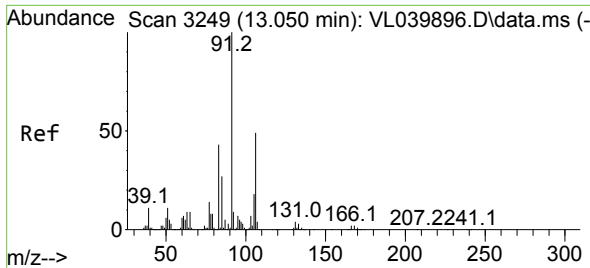
Tgt Ion:105 Resp: 13672

Ion Ratio Lower Upper

105 100

120 90.6 21.4 32.2#

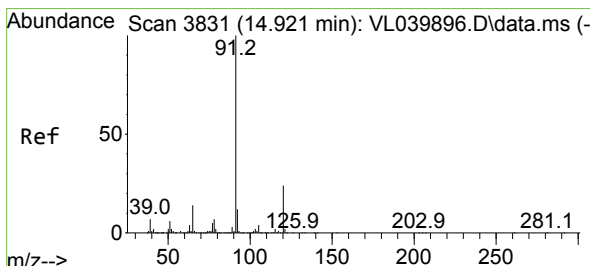
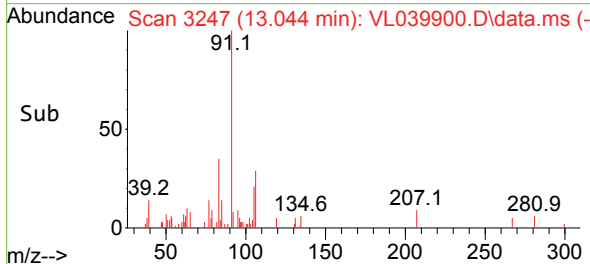
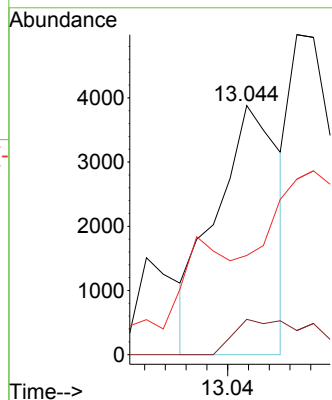
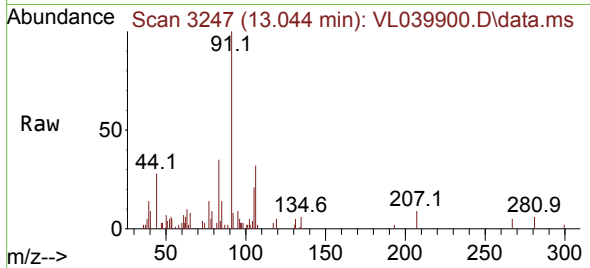




#63
1,1,2,2-Tetrachloroethane
Concen: 0.027 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

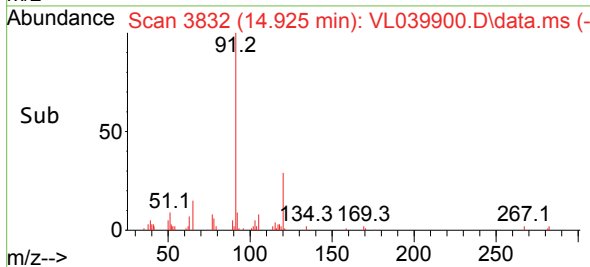
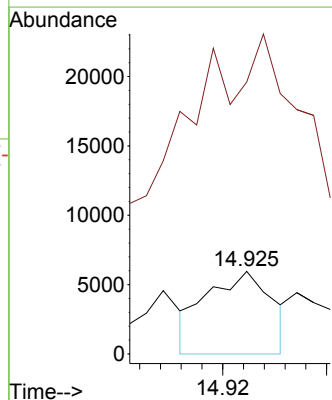
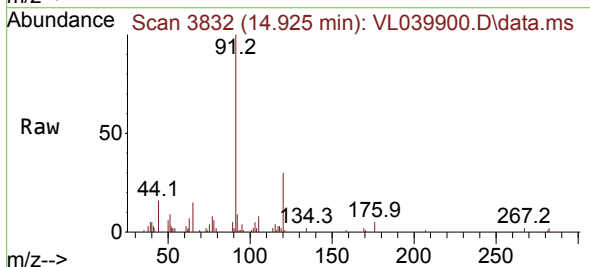
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

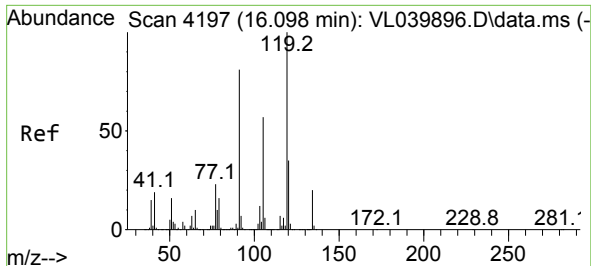
Tgt Ion: 83 Resp: 3300
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.038 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion:120 Resp: 5219
Ion Ratio Lower Upper
120 100
91 1123.2 353.7 530.5#

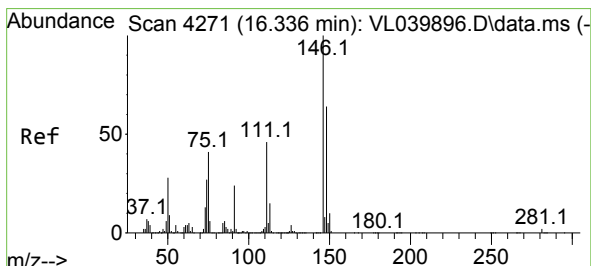
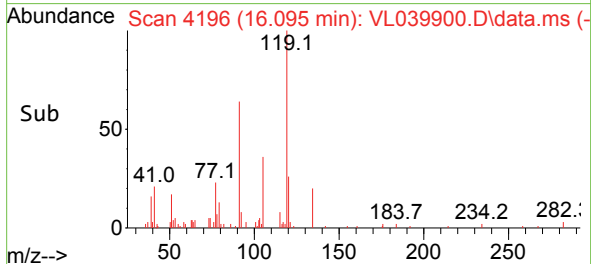
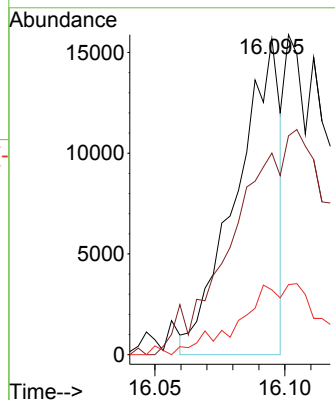
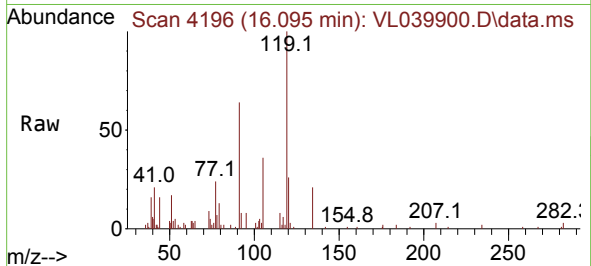




#65
tert-Butylbenzene
Concen: 0.040 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

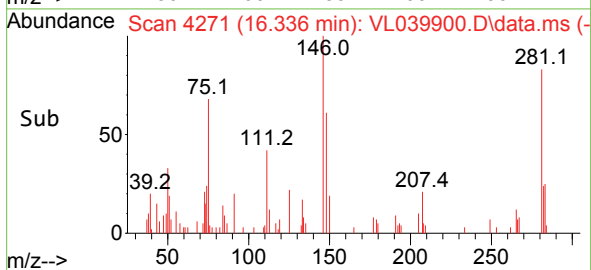
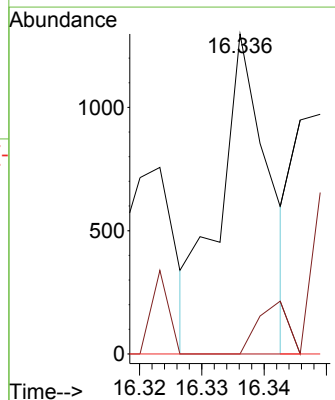
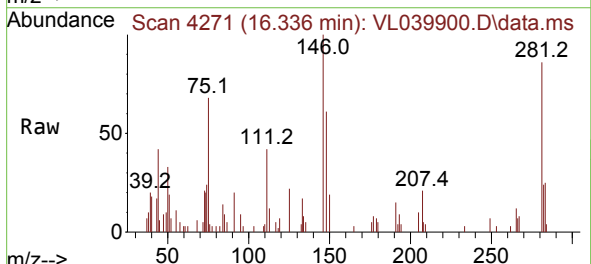
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

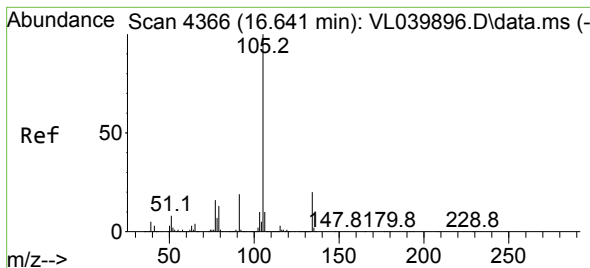
Tgt Ion:119 Resp: 18417
Ion Ratio Lower Upper
119 100
91 0.0 65.8 98.8#
134 0.0 16.1 24.1#



#66
Benzyl Chloride
Concen: 0.018 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 91 Resp: 710
Ion Ratio Lower Upper
91 100
126 0.0 15.0 22.6#
128 0.0 4.6 7.0#

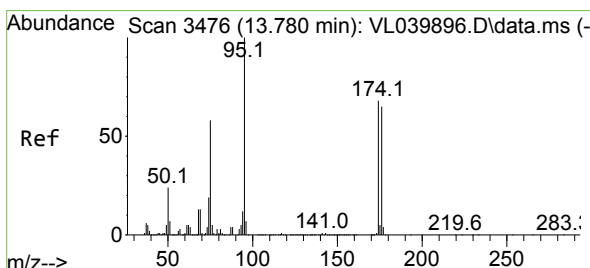
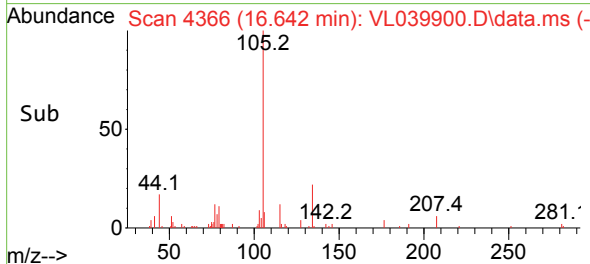
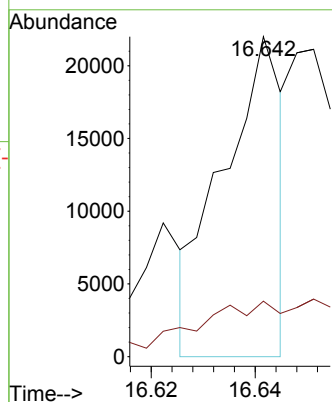
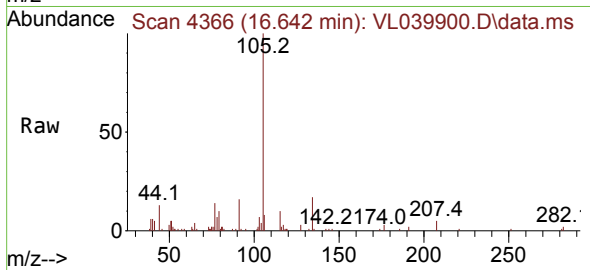




#67
 sec-Butylbenzene
 Concen: 0.027 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

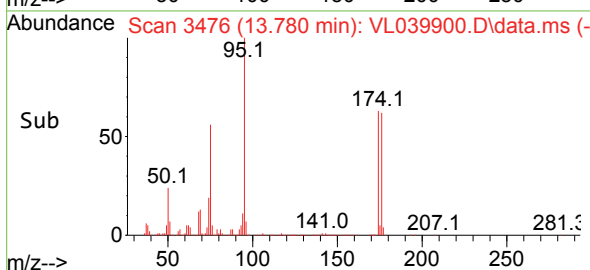
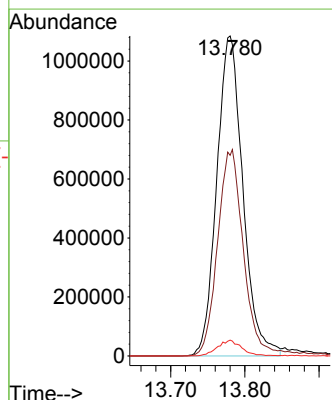
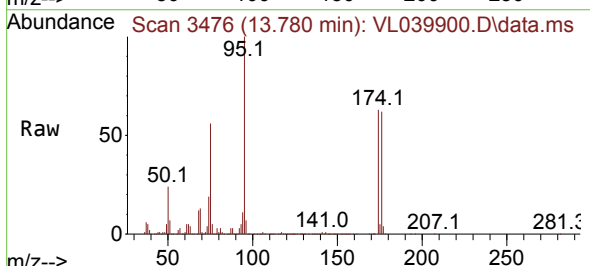
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

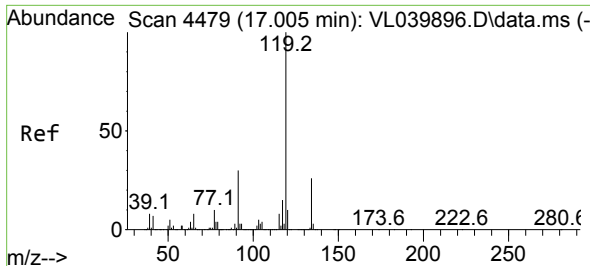
Tgt Ion:105 Resp: 17431
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.0 22.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.197 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VL039900.D
 Acq: 18 Nov 2022 11:17

Tgt Ion: 95 Resp: 2652151
 Ion Ratio Lower Upper
 95 100
 174 65.0 53.7 80.5
 175 4.6 4.0 6.0

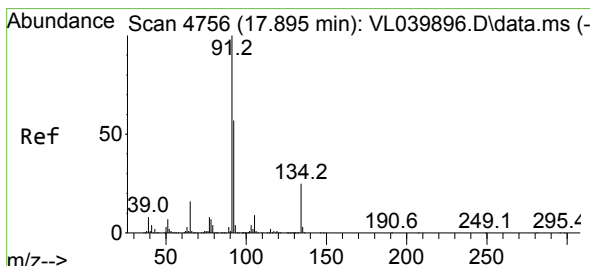
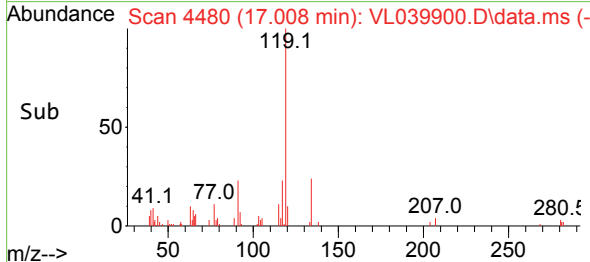
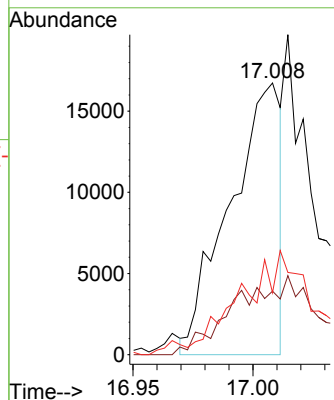
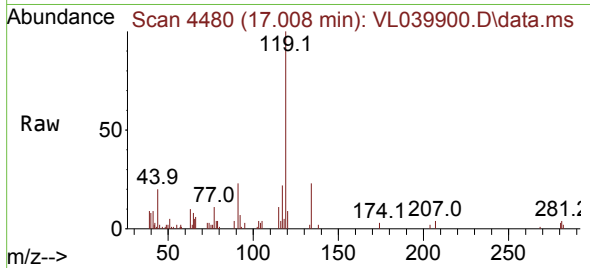




#69
p-Isopropyltoluene
Concen: 0.047 ppbv
RT: 17.008 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

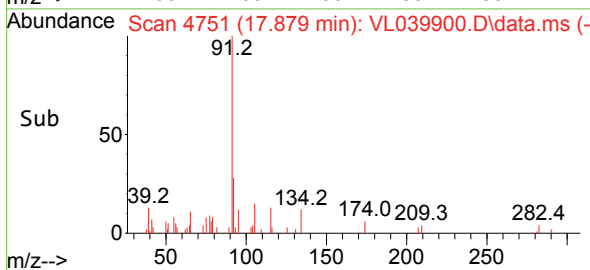
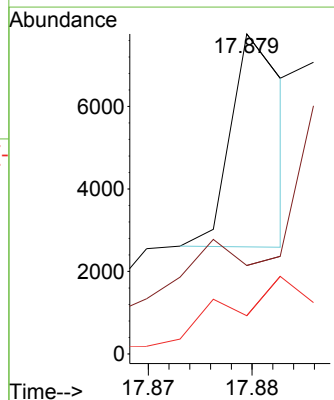
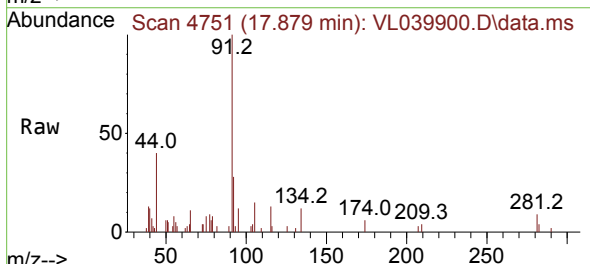
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

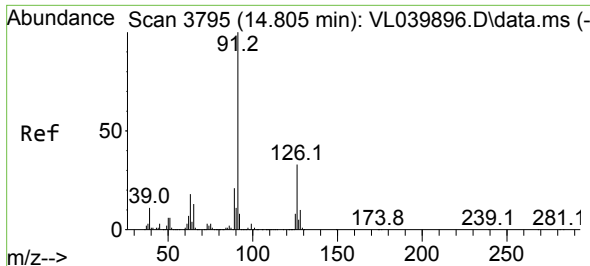
Tgt Ion:119 Resp: 24772
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.4#
91 0.0 24.4 36.6#



#70
n-Butylbenzene
Concen: 0.004 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.016 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion: 91 Resp: 1864
Ion Ratio Lower Upper
91 100
92 0.0 44.2 66.2#
134 0.0 18.8 28.2#

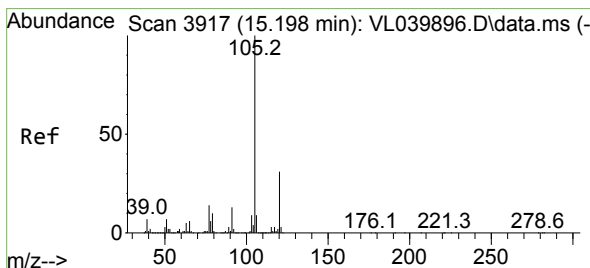
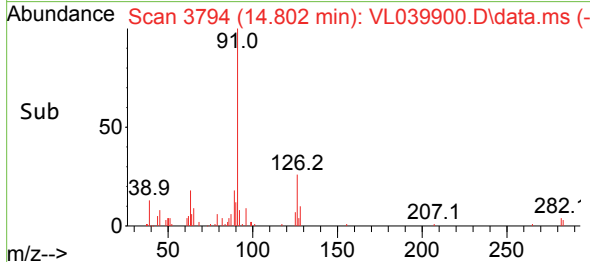
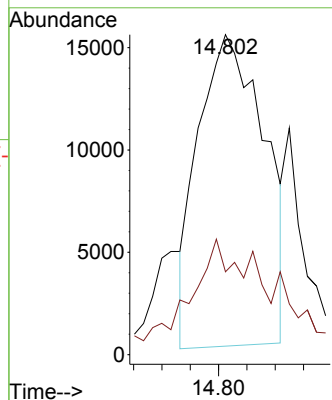
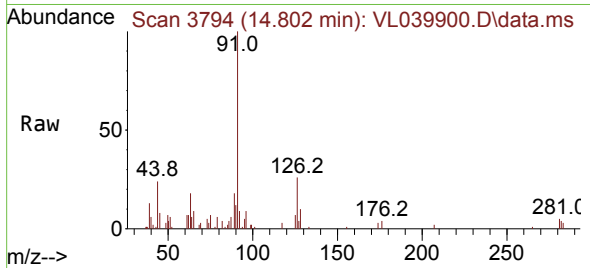




#71
2-Chlorotoluene
Concen: 0.061 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

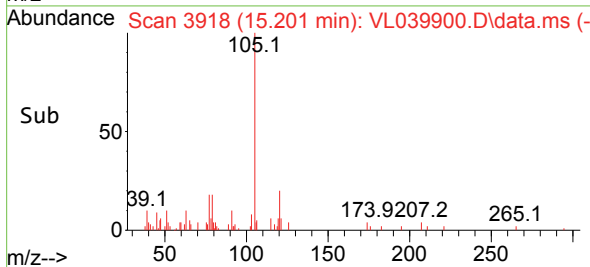
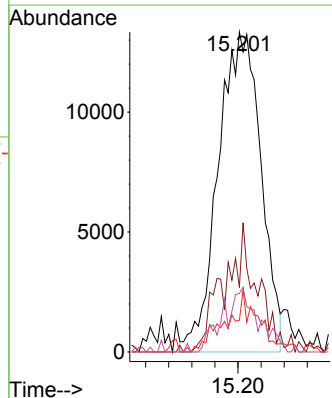
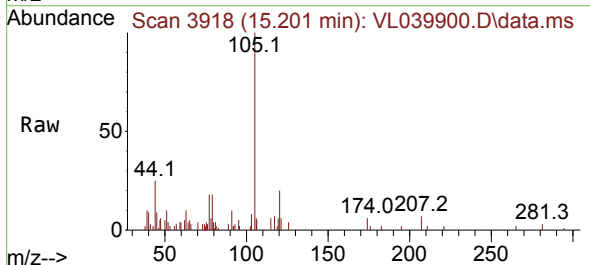
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

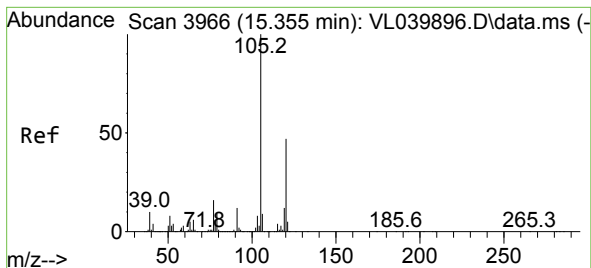
Tgt Ion: 91 Resp: 24588
Ion Ratio Lower Upper
91 100
126 50.7 12.8 51.0



#72
4-Ethyltoluene
Concen: 0.083 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion:105 Resp: 34219
Ion Ratio Lower Upper
105 100
120 30.9 24.5 36.7
91 15.5 10.4 15.6
77 16.9 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 0.087 ppbv

RT: 15.359 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

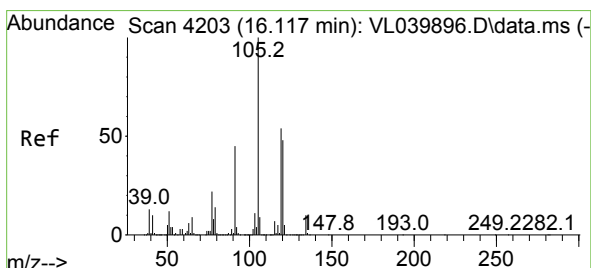
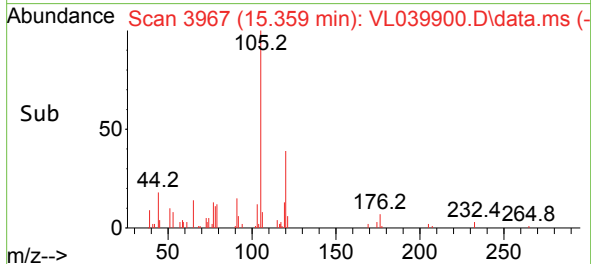
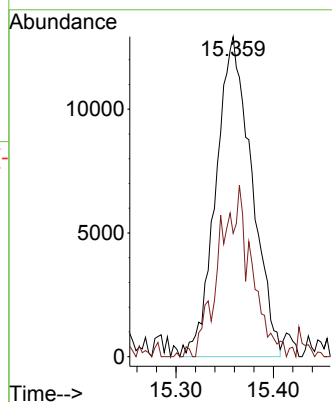
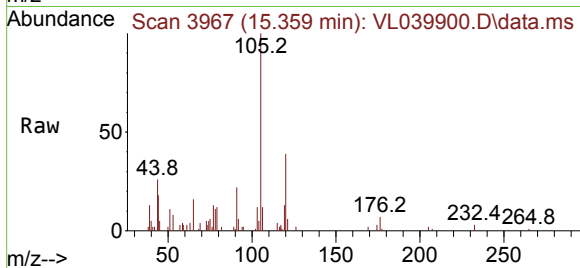
VSTDIC0.1

Tgt Ion:105 Resp: 33077

Ion Ratio Lower Upper

105 100

120 38.5 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 0.051 ppbv

RT: 16.118 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Tgt Ion:105 Resp: 20323

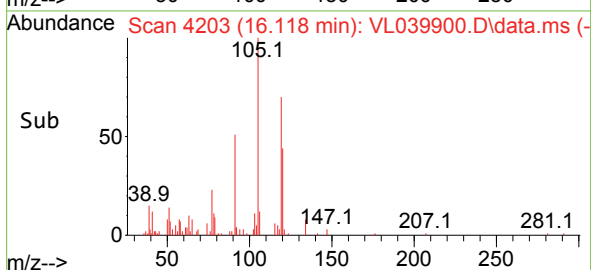
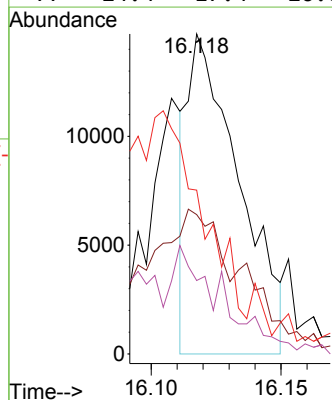
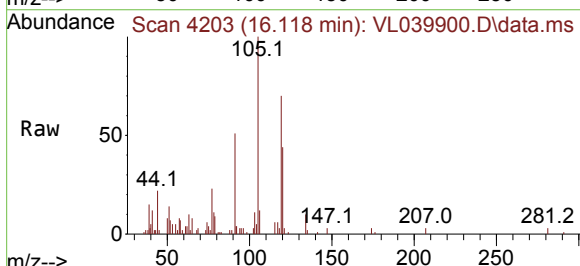
Ion Ratio Lower Upper

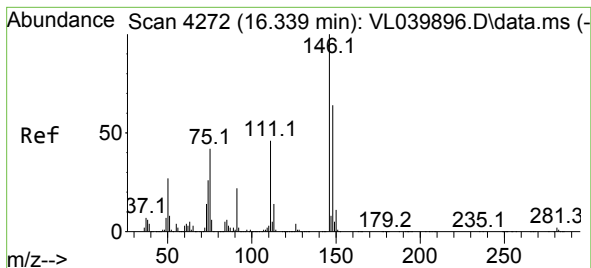
105 100

120 42.6 38.7 58.1

91 58.1 36.4 54.6#

77 24.4 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 0.022 ppbv

RT: 16.336 min Scan# 4315

Delta R.T. -0.003 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

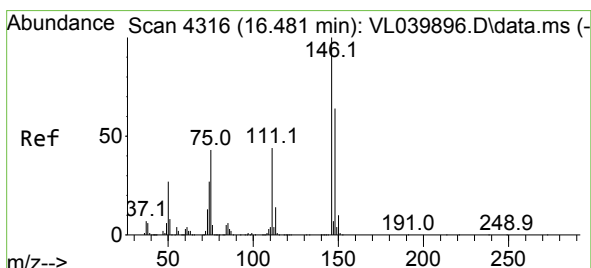
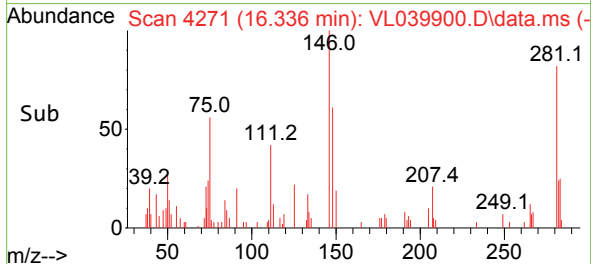
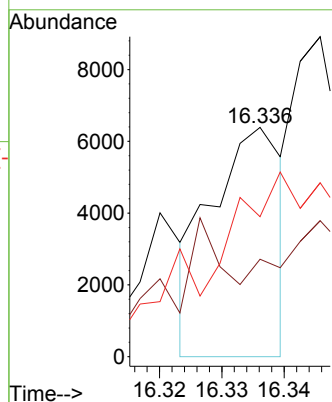
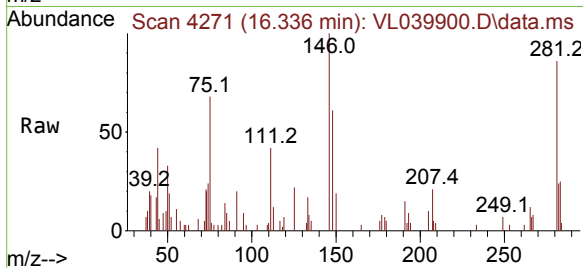
Tgt Ion:146 Resp: 5078

Ion Ratio Lower Upper

146 100

111 0.0 23.3 69.9#

148 0.0 32.2 96.6#



#76

1,4-Dichlorobenzene

Concen: 0.033 ppbv

RT: 16.478 min Scan# 4315

Delta R.T. -0.003 min

Lab File: VL039900.D

Acq: 18 Nov 2022 11:17

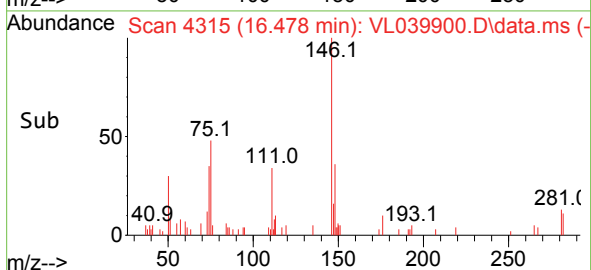
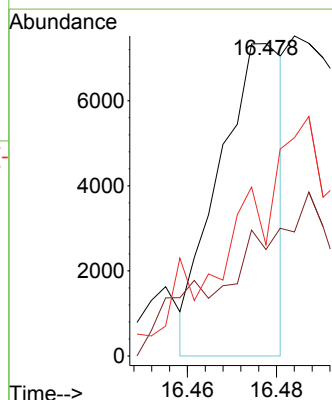
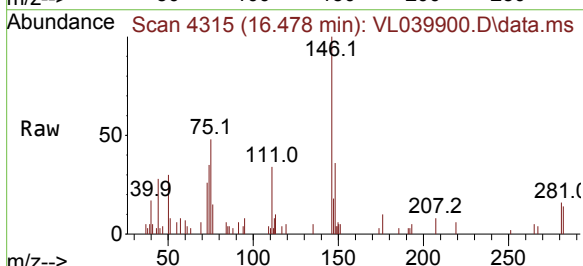
Tgt Ion:146 Resp: 7287

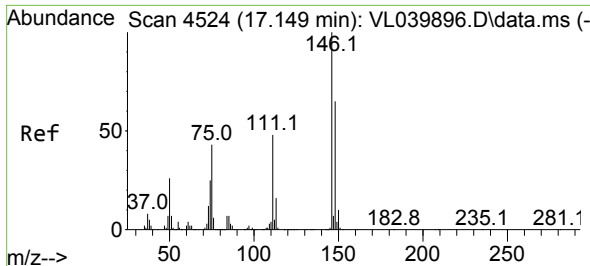
Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.3#

148 0.0 32.3 96.9#

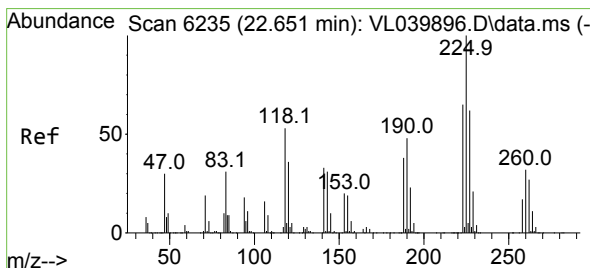
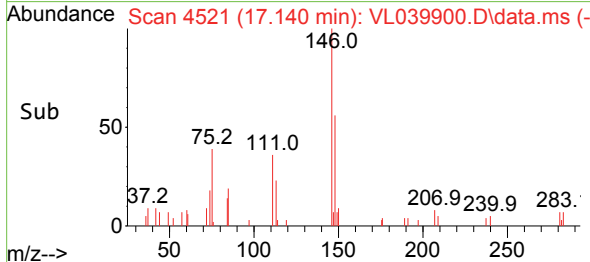
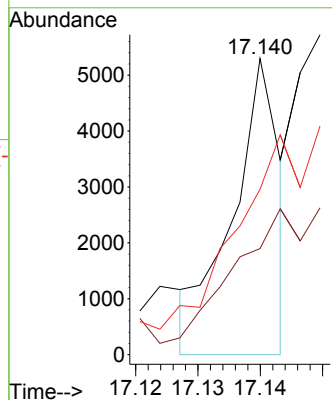
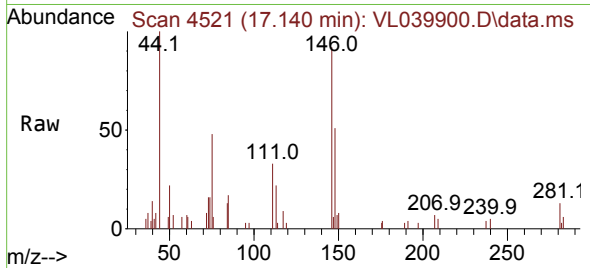




#77
1,2-Dichlorobenzene
Concen: 0.013 ppbv
RT: 17.140 min Scan# 411
Delta R.T. -0.009 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

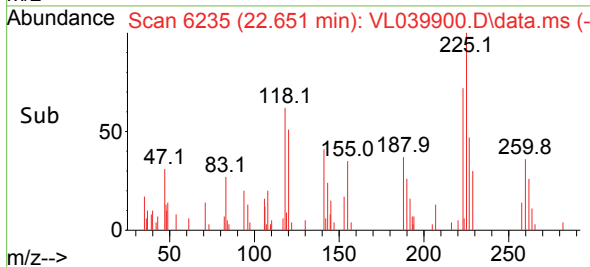
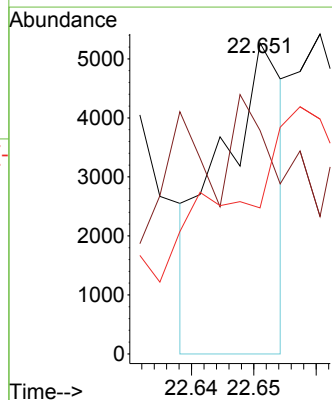
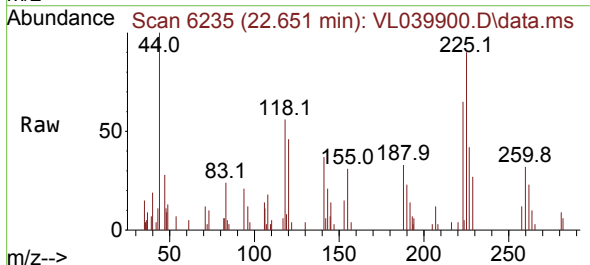
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

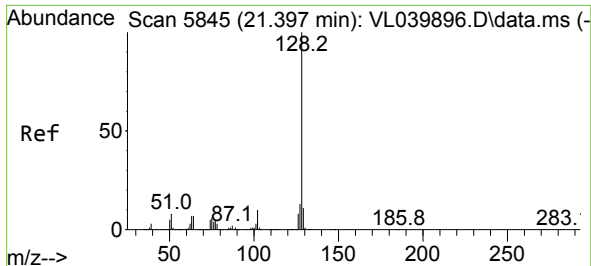
Tgt Ion:146 Resp: 2819
Ion Ratio Lower Upper
146 100
111 0.0 24.1 72.3#
148 0.0 32.4 97.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.025 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.000 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion:225 Resp: 3761
Ion Ratio Lower Upper
225 100
223 307.9 50.7 76.1#
227 0.0 50.8 76.2#

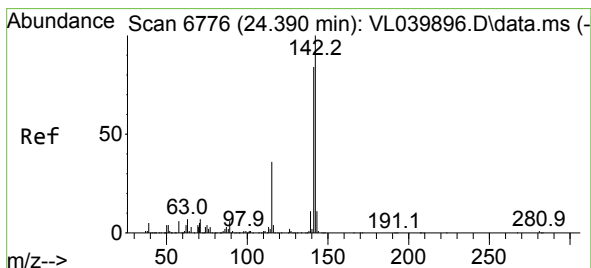
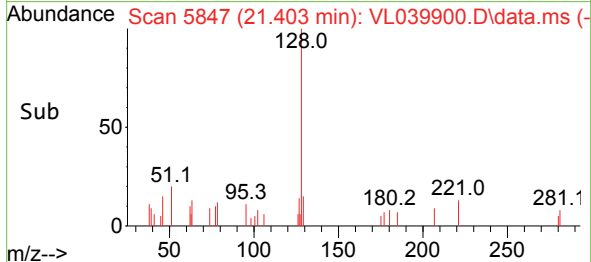
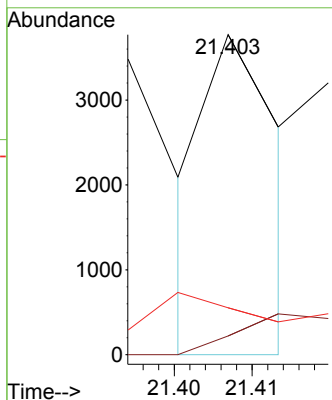
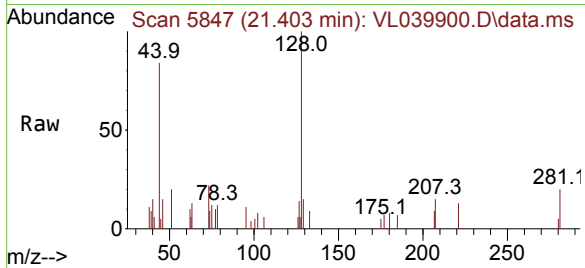




#79
Naphthalene
Concen: 0.005 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.007 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

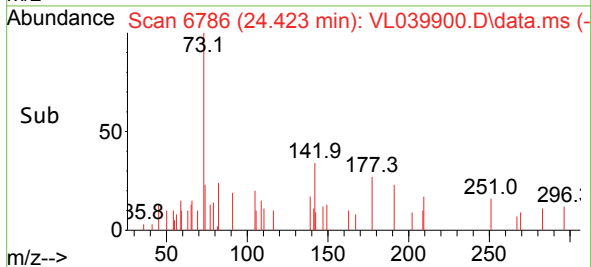
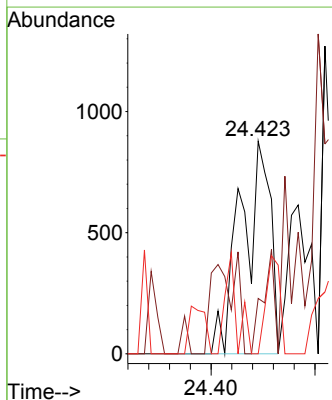
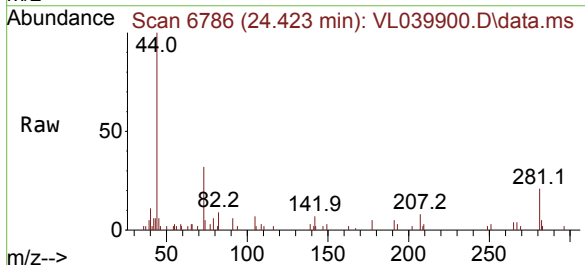
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

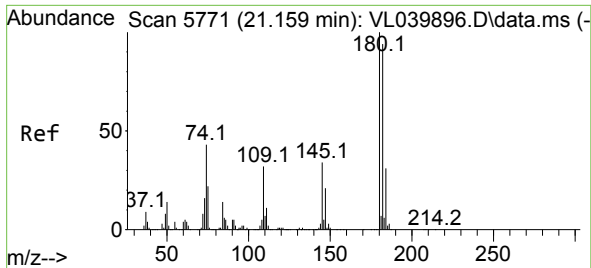
Tgt Ion:	128	Resp:	1245
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	9.9	8.8	13.2



#80
Naphthalene,2-methyl-
Concen: 0.013 ppbv
RT: 24.423 min Scan# 6786
Delta R.T. 0.032 min
Lab File: VL039900.D
Acq: 18 Nov 2022 11:17

Tgt Ion:	142	Resp:	857
Ion Ratio	Lower	Upper	
142	100		
141	59.6	69.1	103.7#
115	26.4	29.6	44.4#





#81

1,2,4-Trichlorobenzene

Concen: 0.010 ppbv

RT: 21.153 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL039900.D

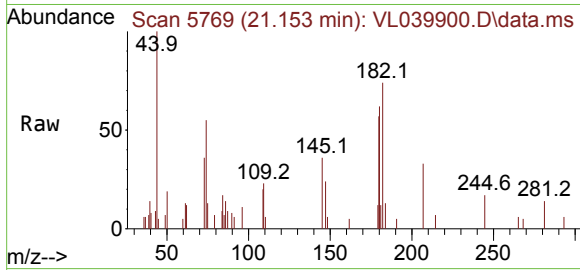
Acq: 18 Nov 2022 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1



Tgt Ion:180 Resp: 1454

Ion Ratio Lower Upper

180 100

182 0.0 77.0 115.6#

184 0.0 25.2 37.8#

