

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039814.D
 Acq On : 2 Nov 2022 13:17
 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 03 09:14:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1103549	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2983316	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2703169	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2044111	10.103	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.867	85	12328	0.066	ppbv	90
3) Chlorodifluoromethane	2.687	51	11870	0.090	ppbv	97
4) Chloromethane	2.825	50	8052	0.098	ppbv #	84
5) Vinyl Chloride	2.935	62	2432	0.037	ppbv	97
6) Bromomethane	3.131	94	2974	0.126	ppbv #	72
7) Chloroethane	3.211	64	424	0.017	ppbv #	1
8) Dichlorotetrafluoroethane	2.867	85	12328	0.078	ppbv	98
9) Propene	2.703	41	5094	0.074	ppbv #	7
10) Heptane	7.565	43	8009	0.049	ppbv #	17
11) Trichlorofluoromethane	3.571	101	9746	0.064	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.070	101	7977	0.073	ppbv	94
13) Ethanol	3.250	45	119	0.025	ppbv #	34
14) Bromoethene	3.378	108	3489	0.071	ppbv #	80
15) Acetone	3.497	43	17133	0.128	ppbv #	63
16) 1,3-Butadiene	2.996	39	5653	0.090	ppbv	94
17) tert-Butyl alcohol	3.886	59	79	0.001	ppbv #	1
18) 1,1-Dichloroethene	3.890	96	1620	0.032	ppbv	94
19) Isopropyl Alcohol	3.578	45	442	0.007	ppbv #	1
20) Methylene Chloride	3.938	84	12610	0.262	ppbv #	82
21) Allyl Chloride	3.999	41	6366	0.075	ppbv #	31
22) trans-1,2-Dichloroethene	4.446	96	1800	0.035	ppbv #	47
23) Vinyl Acetate	4.632	43	2168	0.041	ppbv #	80
24) 1,1-Dichloroethane	4.562	63	4620	0.042	ppbv	98
25) Ethyl Acetate	5.214	43	10450	0.038	ppbv #	54
26) Hexane	5.211	57	14923	0.121	ppbv #	72
27) Carbon Disulfide	4.134	76	5601	0.043	ppbv #	48
28) Methyl tert-Butyl Ether	4.584	73	205	0.002	ppbv #	1
29) Chloroform	5.269	83	14914	0.086	ppbv	88
30) Cyclohexane	6.597	84	6271	0.061	ppbv #	78
31) cis-1,2-Dichloroethene	5.076	61	8441	0.075	ppbv #	82
32) 1,1,1-Trichloroethane	5.996	97	8325	0.048	ppbv #	37
34) 2-Butanone	4.780	43	537	0.004	ppbv #	54
35) Carbon Tetrachloride	6.484	117	13133	0.076	ppbv #	82
36) Benzene	6.369	78	7481	0.030	ppbv	97
37) 1,2-Dichloroethane	5.803	62	6288	0.052	ppbv	97
38) Trichloroethene	7.279	130	9805	0.071	ppbv	86
39) 1,2-Dichloropropane	6.645	63	690946	7.047	ppbv #	27
40) 1,4-Dioxane	7.275	88	40	0.001	ppbv #	1
41) Tetrahydrofuran	5.555	42	105	0.001	ppbv #	1
42) Bromodichloromethane	7.240	83	6102	0.032	ppbv #	94
43) Methyl Methacrylate	7.459	69	618	0.006	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	18590	0.044	ppbv #	38
45) t-1,3-Dichloropropene	8.709	75	2054	0.022	ppbv	95

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Quant Time: Nov 03 09:14:52 2022
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

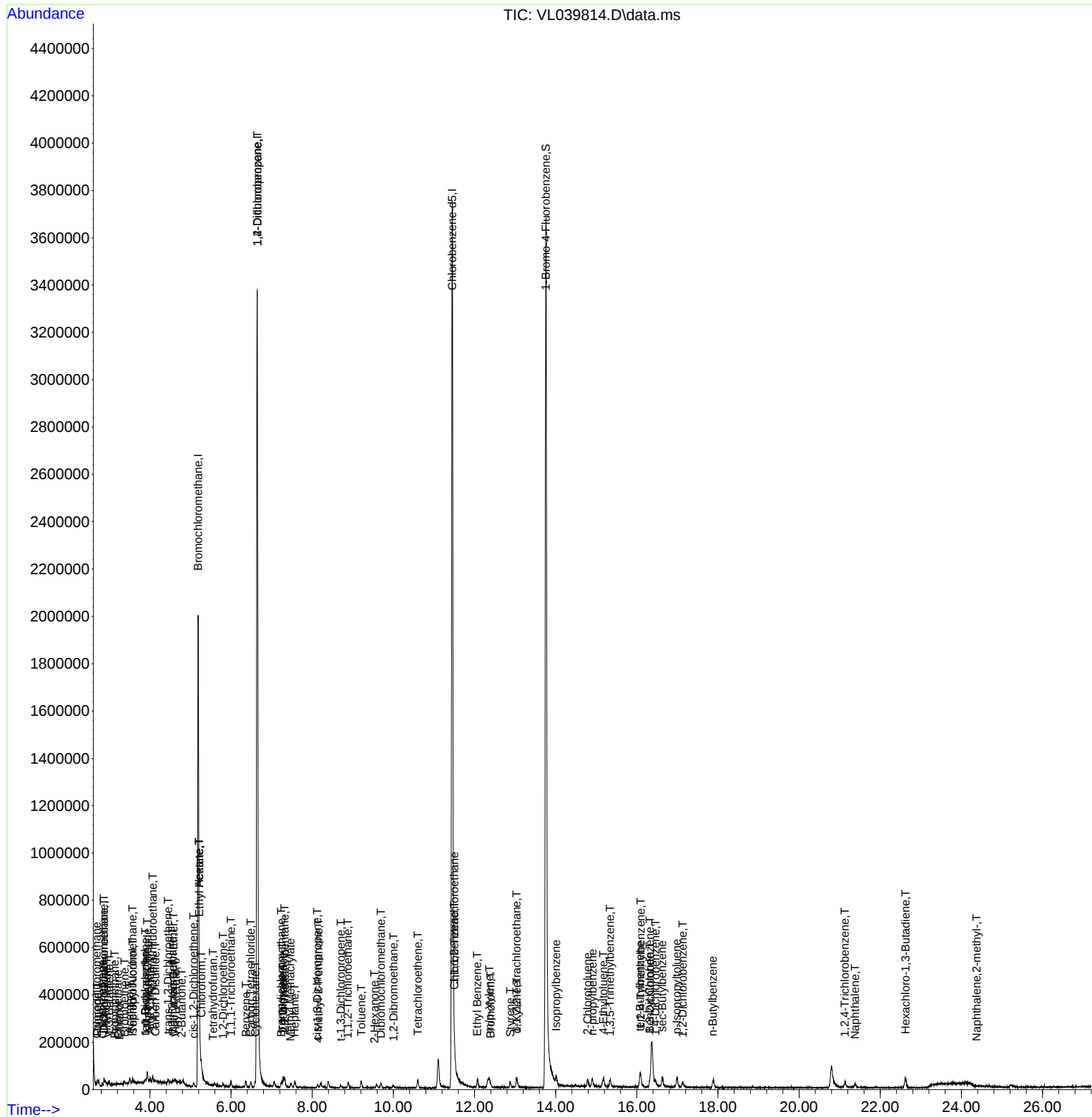
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.124	75	4477	0.034	ppbv	#	34
47) 1,1,2-Trichloroethane	8.877	97	6732	0.068	ppbv	#	78
48) Dibromochloromethane	9.693	129	7655	0.045	ppbv	#	42
49) Bromoform	12.394	173	4323	0.032	ppbv	#	6
50) 4-Methyl-2-Pentanone	8.156	43	103	0.000	ppbv	#	38
51) 2-Hexanone	9.536	43	261	0.001	ppbv	#	27
52) Tetrachloroethene	10.600	164	2695	0.028	ppbv	#	48
53) Toluene	9.211	91	16921	0.059	ppbv	#	68
54) 1,2-Dibromoethane	10.002	107	2616	0.024	ppbv		87
56) 1,1,1,2-Tetrachloroethane	11.500	131	4498	0.039	ppbv	#	1
57) Chlorobenzene	11.504	112	5511	0.027	ppbv	#	76
58) Ethyl Benzene	12.063	91	10316	0.028	ppbv		97
59) m/p-Xylene	12.365	91	13184	0.043	ppbv	#	1
60) o-Xylene	13.044	91	23110	0.080	ppbv		92
61) Styrene	12.883	104	9711	0.055	ppbv	#	56
62) Isopropylbenzene	14.015	105	34312	0.081	ppbv		95
63) 1,1,2,2-Tetrachloroethane	13.037	83	2281	0.021	ppbv	#	1
64) n-propylbenzene	14.912	120	745	0.007	ppbv	#	1
65) tert-Butylbenzene	16.076	119	12899	0.035	ppbv	#	1
66) Benzyl Chloride	16.320	91	909	0.021	ppbv	#	37
67) sec-Butylbenzene	16.629	105	16556	0.033	ppbv	#	17
69) p-Isopropyltoluene	16.982	119	14692	0.035	ppbv	#	47
70) n-Butylbenzene	17.873	91	6114	0.015	ppbv	#	1
71) 2-Chlorotoluene	14.790	91	13173	0.042	ppbv	#	32
72) 4-Ethyltoluene	15.175	105	12445	0.038	ppbv	#	53
73) 1,3,5-Trimethylbenzene	15.343	105	13177	0.046	ppbv		94
74) 1,2,4-Trimethylbenzene	16.095	105	16097	0.053	ppbv	#	92
75) 1,3-Dichlorobenzene	16.323	146	6652	0.037	ppbv	#	1
76) 1,4-Dichlorobenzene	16.465	146	8182	0.047	ppbv	#	35
77) 1,2-Dichlorobenzene	17.130	146	1595	0.009	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.625	225	6147	0.049	ppbv	#	18
79) Naphthalene	21.378	128	8779	0.039	ppbv	#	72
80) Naphthalene,2-methyl-	24.374	142	766	0.008	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.127	180	1991	0.016	ppbv	#	1

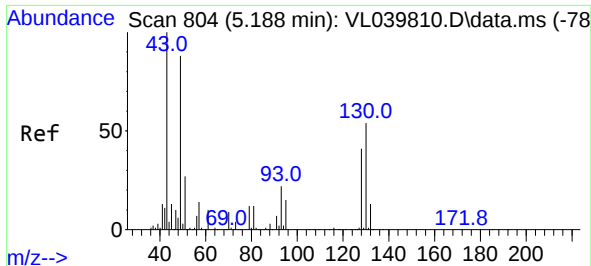
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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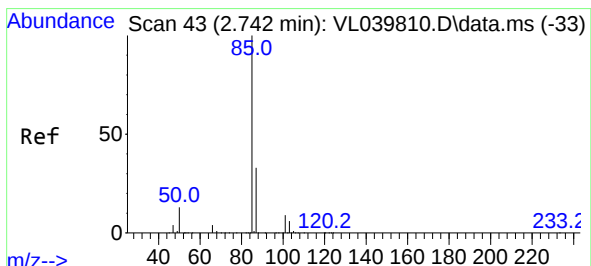
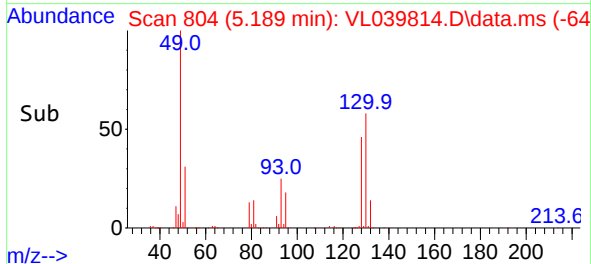
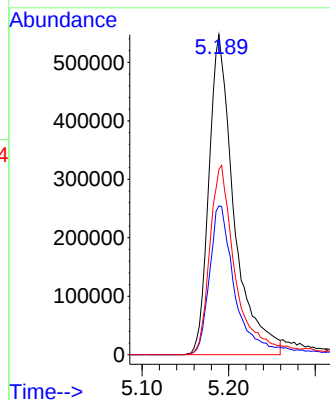
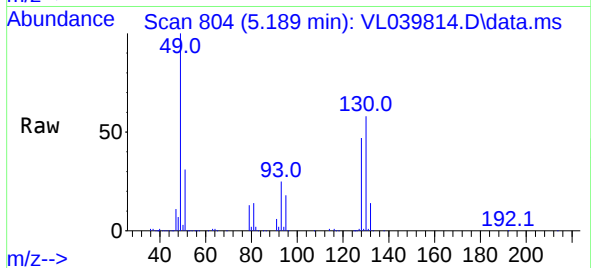




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.001 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

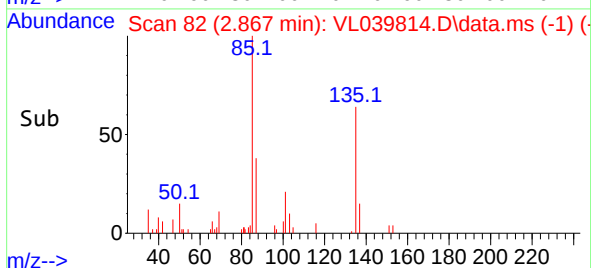
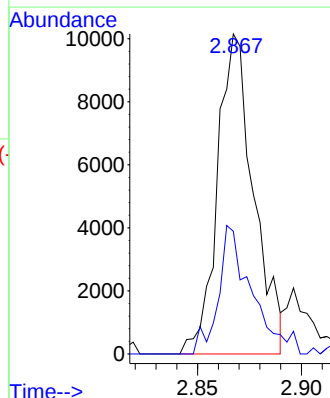
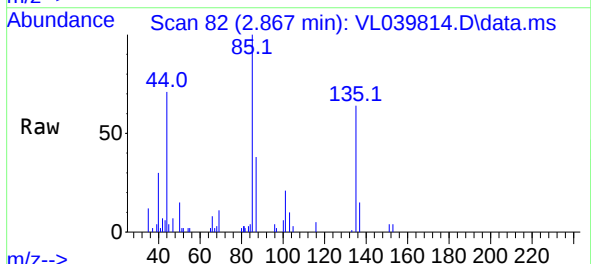
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

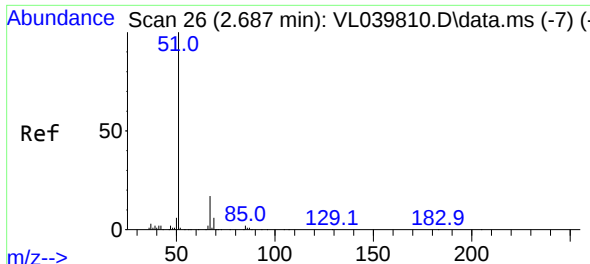
Tgt Ion: 49 Resp: 1103549
Ion Ratio Lower Upper
49 100
128 50.2 24.6 73.6
130 63.3 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.066 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.126 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 85 Resp: 12328
Ion Ratio Lower Upper
85 100
87 38.4 26.4 39.6

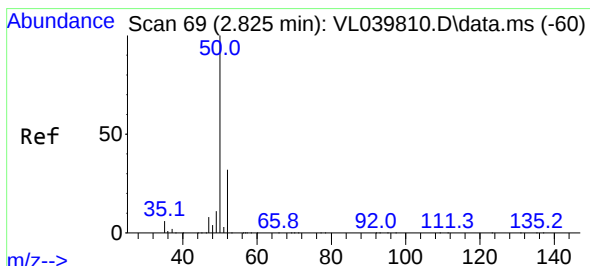
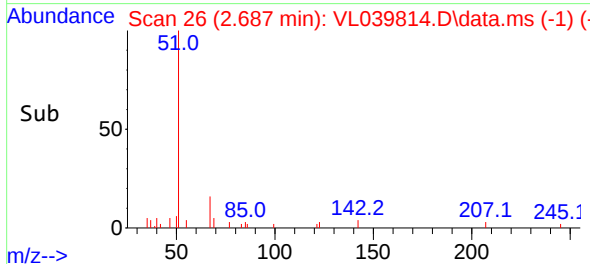
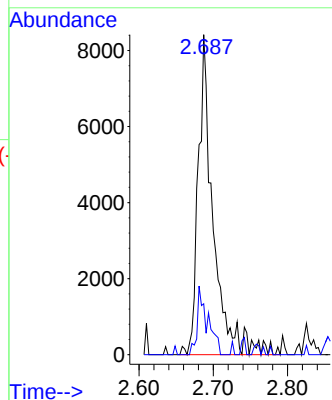
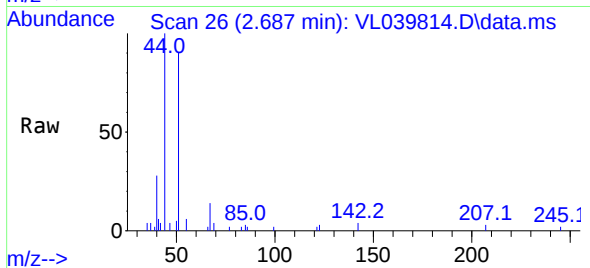




#3
Chlorodifluoromethane
Concen: 0.090 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

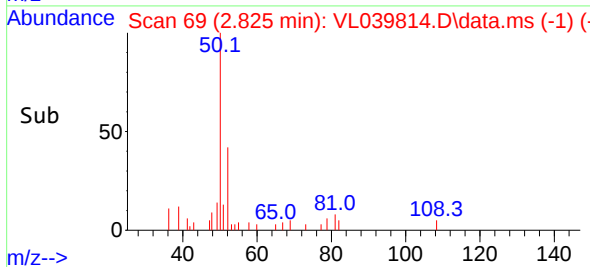
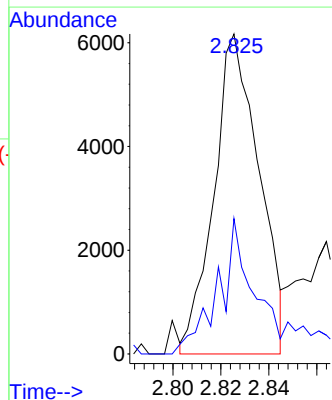
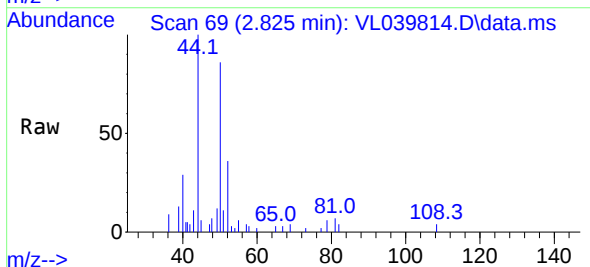
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

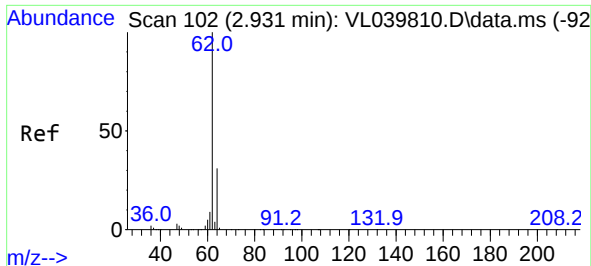
Tgt Ion: 51 Resp: 11870
Ion Ratio Lower Upper
51 100
67 15.1 13.2 19.8



#4
Chloromethane
Concen: 0.098 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 50 Resp: 8052
Ion Ratio Lower Upper
50 100
52 40.7 25.5 38.3#

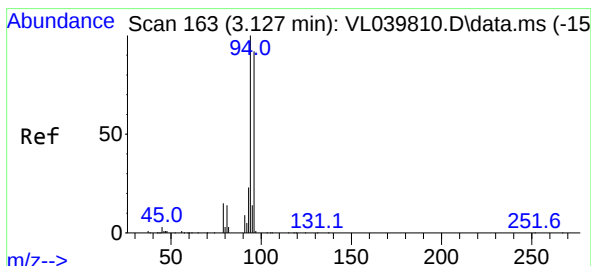
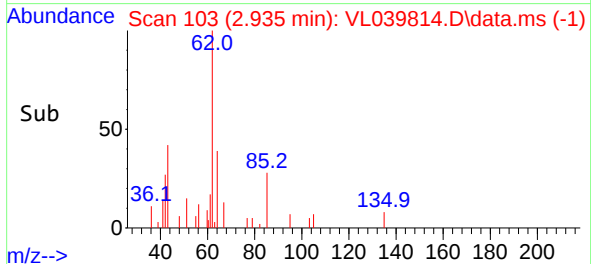
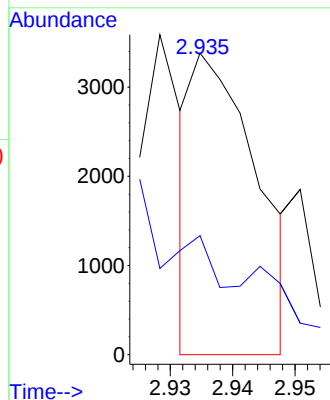
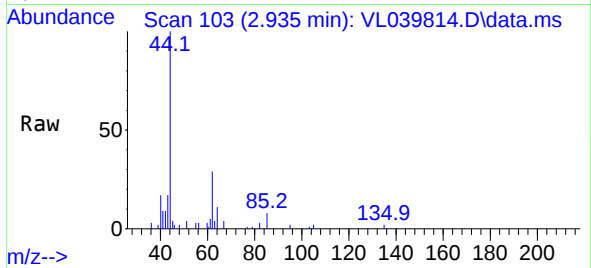




#5
 Vinyl Chloride
 Concen: 0.037 ppbv
 RT: 2.935 min Scan# 102
 Delta R.T. 0.003 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

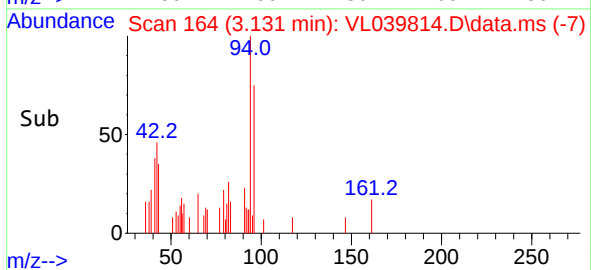
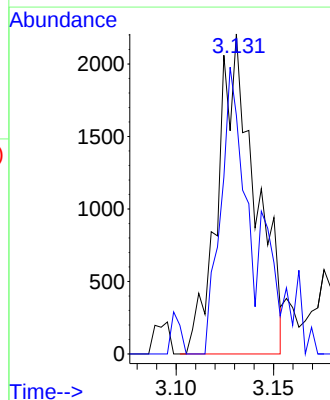
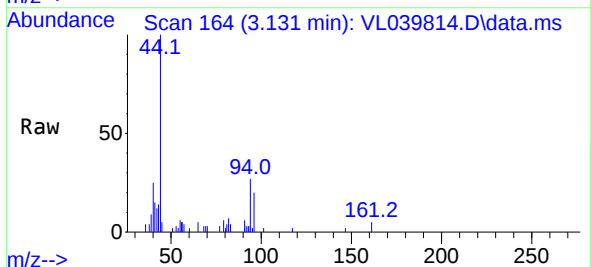
Instrument :
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 ClientSampleId :
 VSTDIC0.1

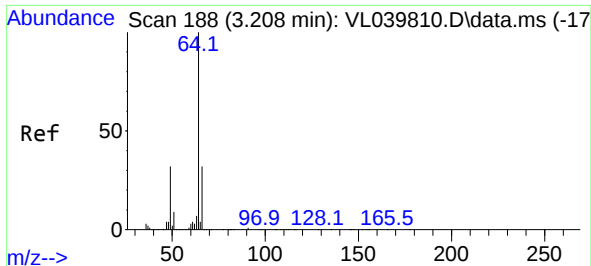
Tgt Ion: 62 Resp: 2432
 Ion Ratio Lower Upper
 62 100
 64 29.7 25.0 37.4



#6
 Bromomethane
 Concen: 0.126 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

Tgt Ion: 94 Resp: 2974
 Ion Ratio Lower Upper
 94 100
 96 65.6 73.5 110.3#

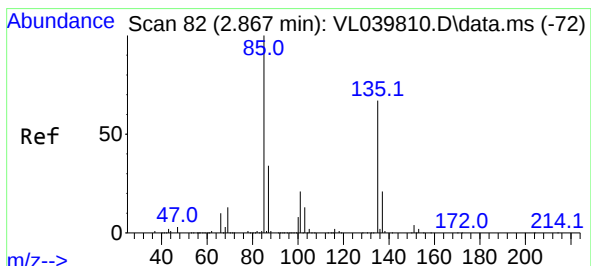
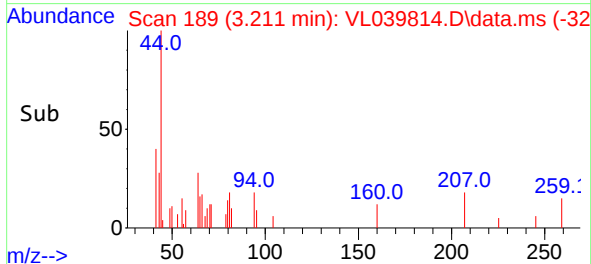
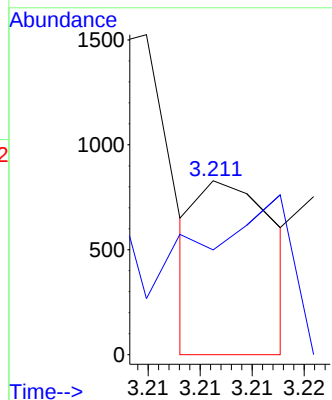
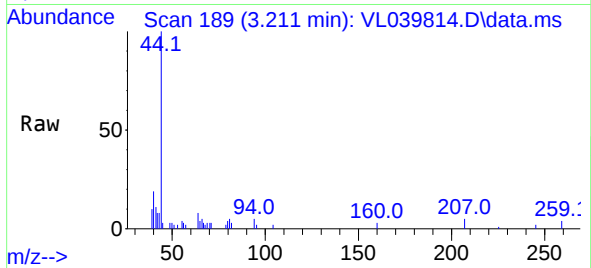




#7
Chloroethane
Concen: 0.017 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

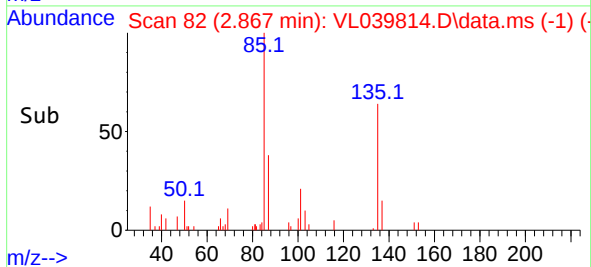
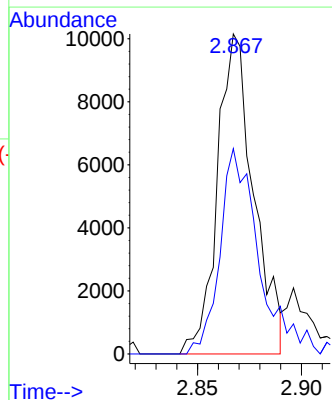
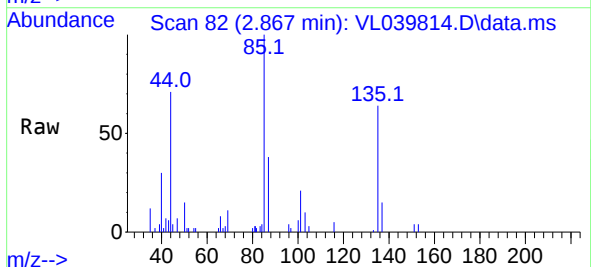
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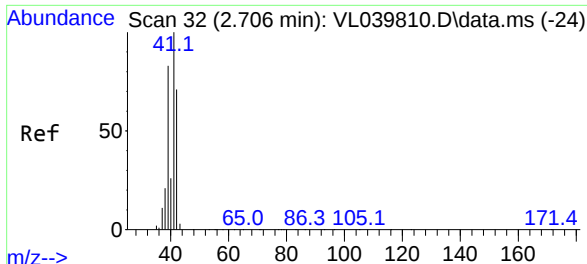
Tgt Ion: 64 Resp: 424
Ion Ratio Lower Upper
64 100
66 94.6 25.5 38.3#



#8
Dichlorotetrafluoroethane
Concen: 0.078 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 85 Resp: 12328
Ion Ratio Lower Upper
85 100
135 69.4 56.7 85.1

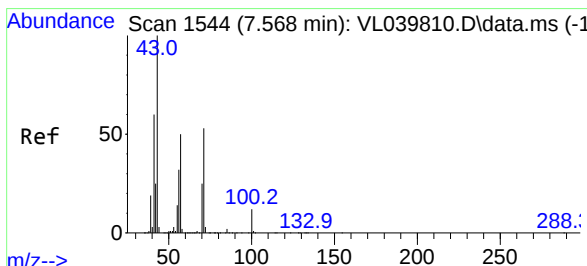
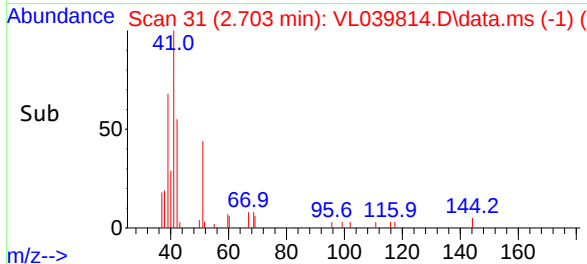
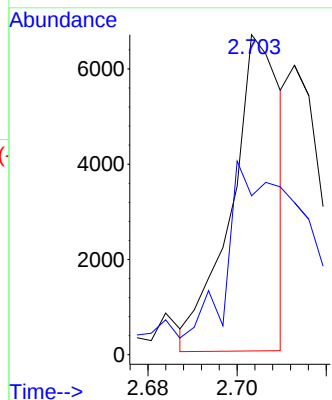
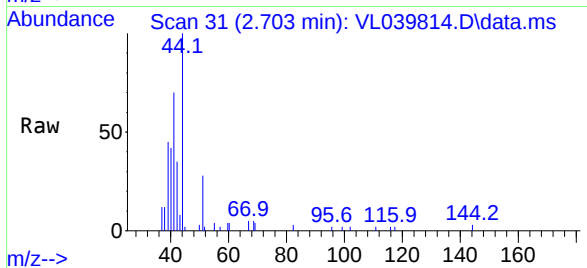




#9
Propene
Concen: 0.074 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

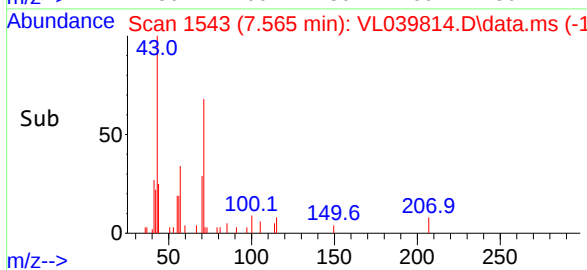
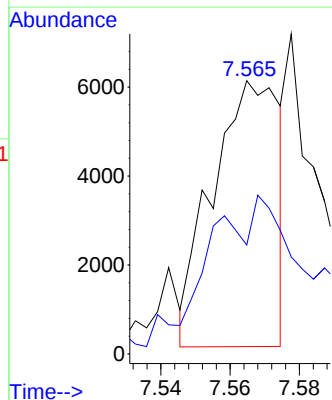
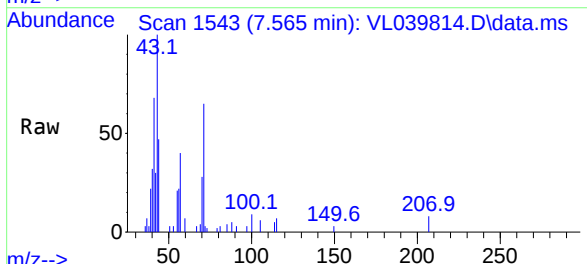
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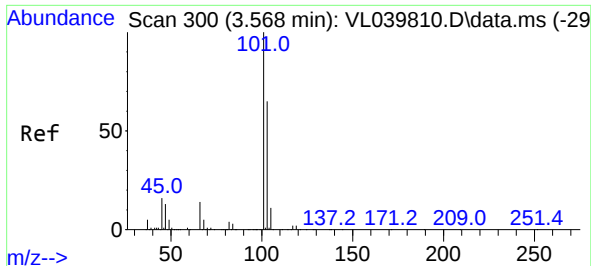
Tgt Ion: 41 Resp: 5094
Ion Ratio Lower Upper
41 100
42 147.0 56.3 84.5#



#10
Heptane
Concen: 0.049 ppbv
RT: 7.565 min Scan# 1543
Delta R.T. -0.003 min
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Tgt Ion: 43 Resp: 8009
Ion Ratio Lower Upper
43 100
57 108.1 40.5 60.7#

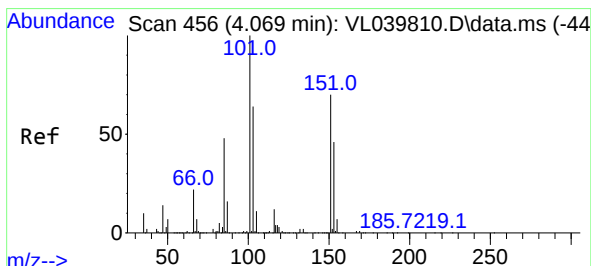
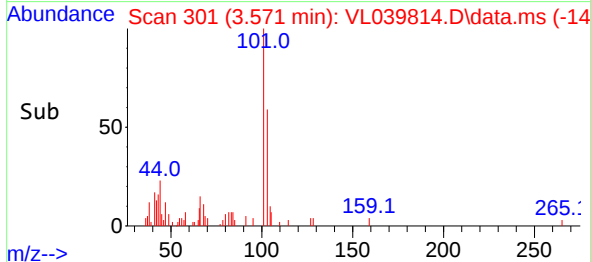
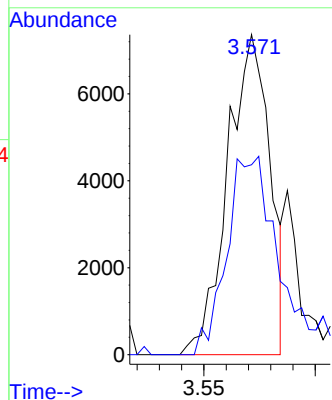
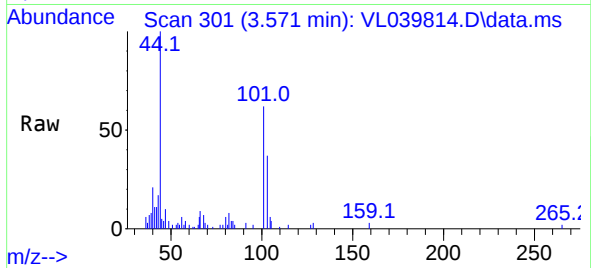




#11
 Trichlorofluoromethane
 Concen: 0.064 ppbv
 RT: 3.571 min Scan# 300
 Delta R.T. 0.003 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

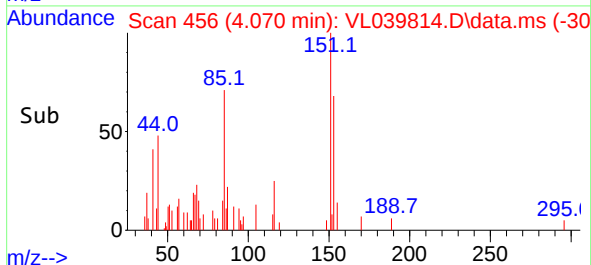
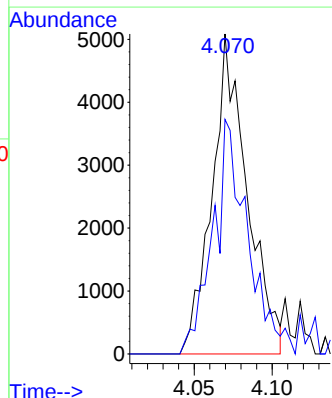
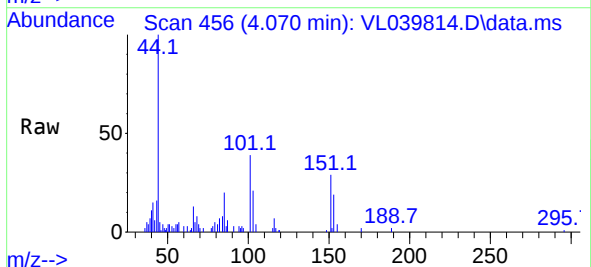
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

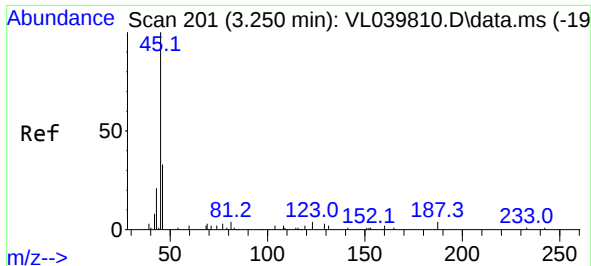
Tgt Ion:101 Resp: 9746
 Ion Ratio Lower Upper
 101 100
 103 59.3 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.073 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

Tgt Ion:101 Resp: 7977
 Ion Ratio Lower Upper
 101 100
 151 76.8 57.2 85.8





#13

Ethanol

Concen: 0.025 ppbv

RT: 3.250 min Scan# 201

Delta R.T. 0.000 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_1

ClientSampleId :

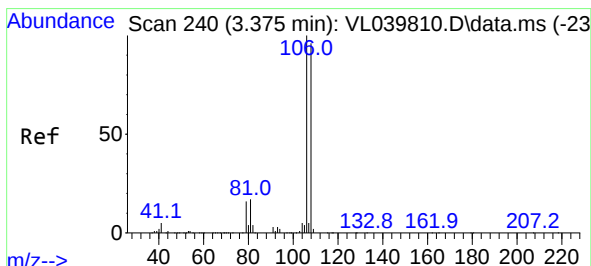
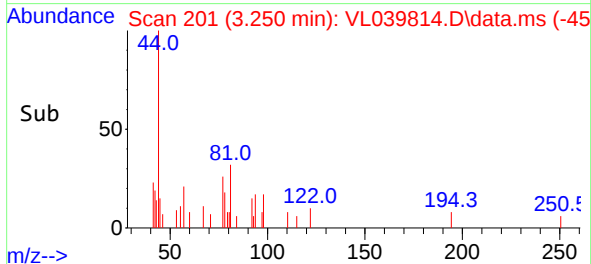
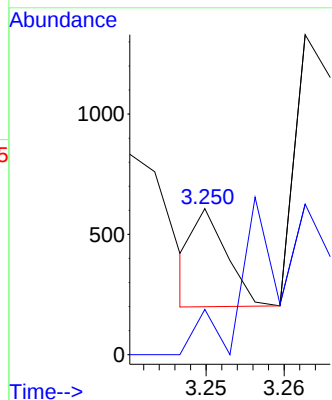
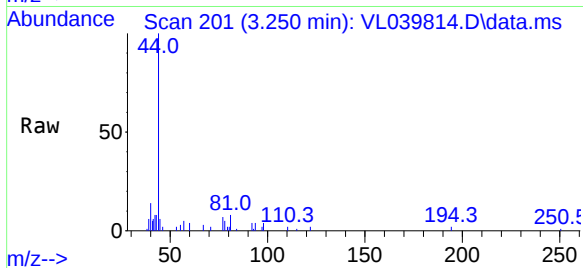
VSTDIC0.1

Tgt Ion: 45 Resp: 119

Ion Ratio Lower Upper

45 100

46 0.0 16.5 65.9#



#14

Bromoethene

Concen: 0.071 ppbv

RT: 3.378 min Scan# 241

Delta R.T. 0.003 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

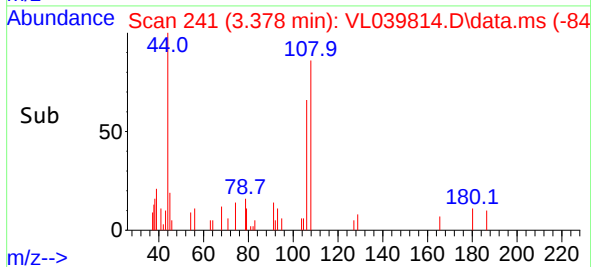
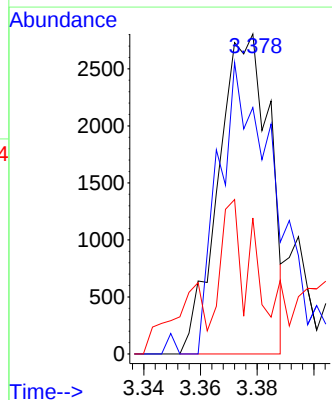
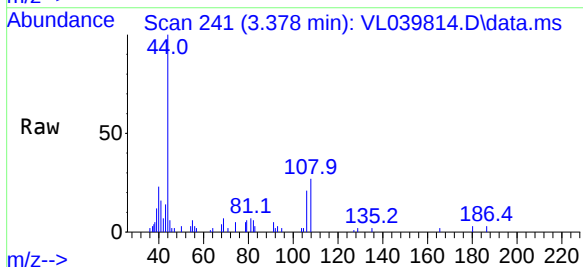
Tgt Ion: 108 Resp: 3489

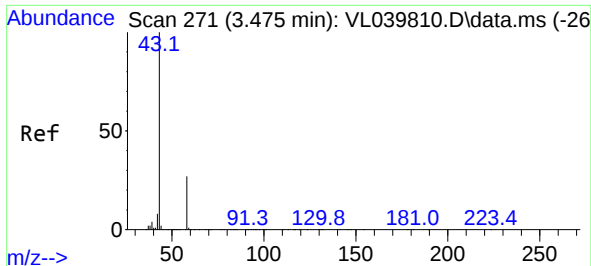
Ion Ratio Lower Upper

108 100

106 108.9 87.8 131.8

79 79.4 14.5 21.7#

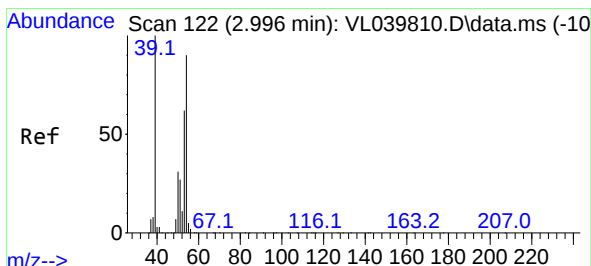
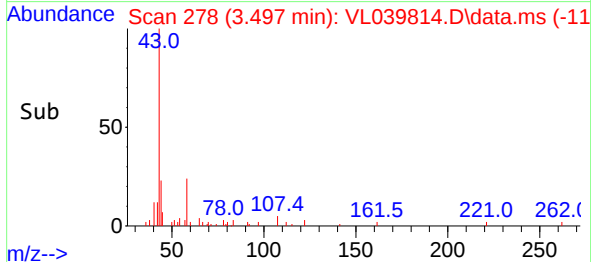
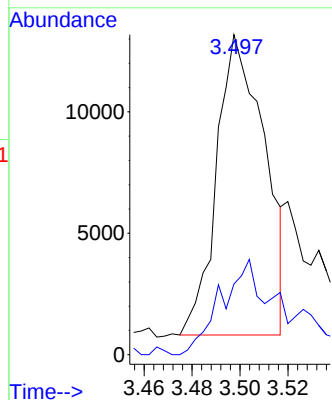
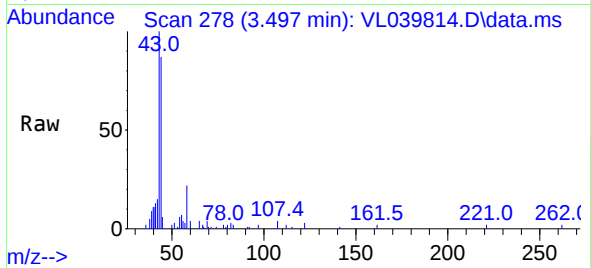




#15
Acetone
Concen: 0.128 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

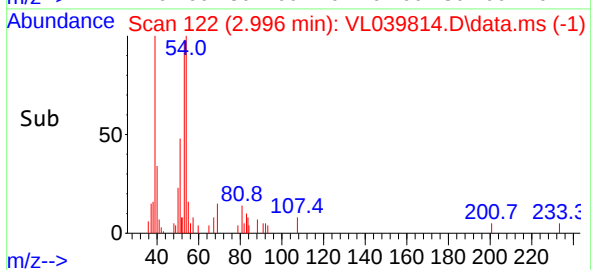
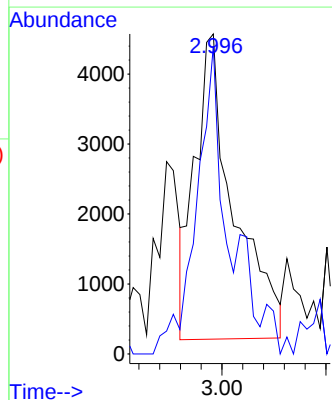
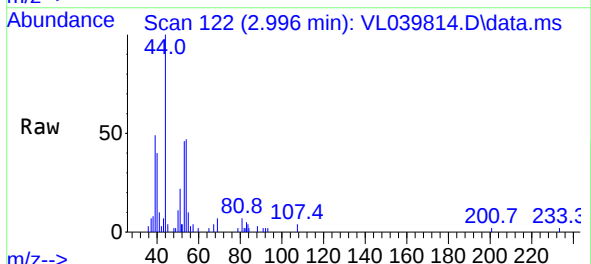
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

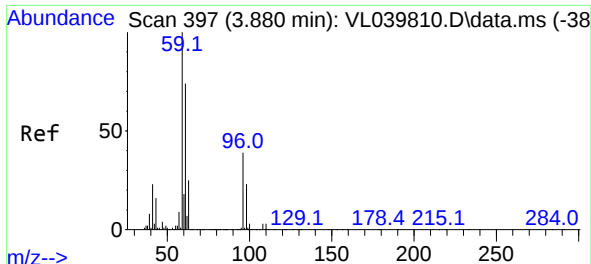
Tgt Ion: 43 Resp: 17133
Ion Ratio Lower Upper
43 100
58 48.6 23.2 34.8#



#16
1,3-Butadiene
Concen: 0.090 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 39 Resp: 5653
Ion Ratio Lower Upper
39 100
54 94.6 71.0 106.4

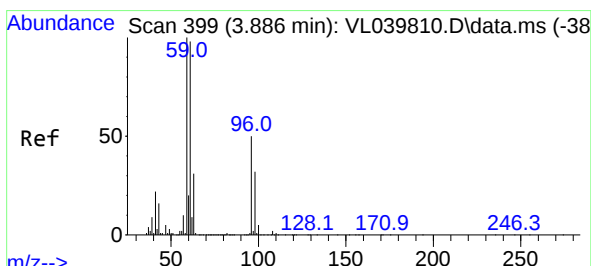
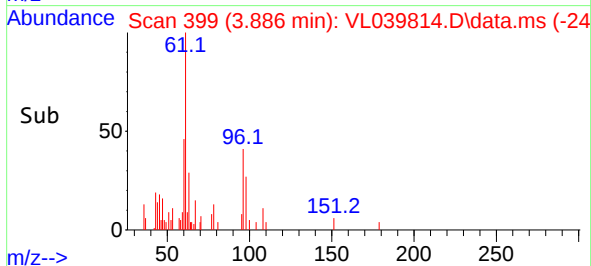
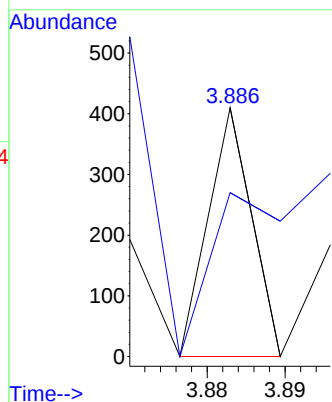
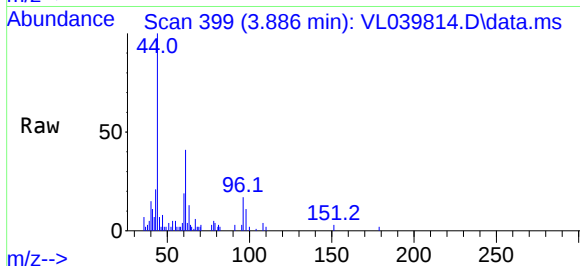




#17
tert-Butyl alcohol
Concen: 0.001 ppbv
RT: 3.886 min Scan# 397
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

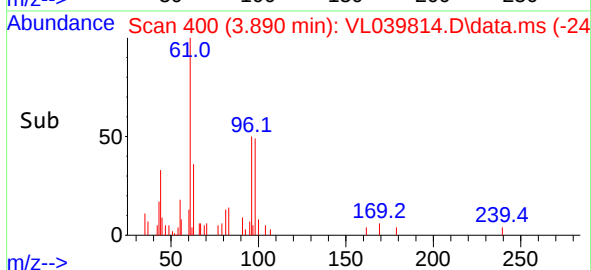
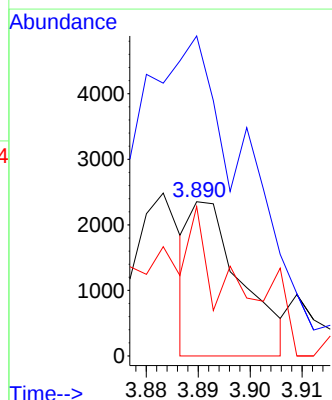
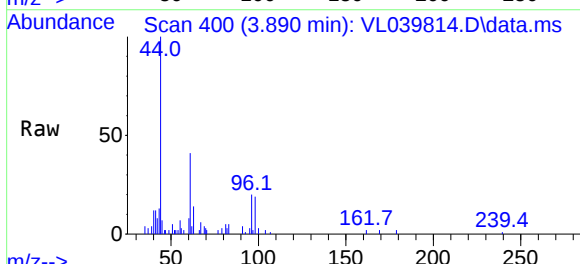
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

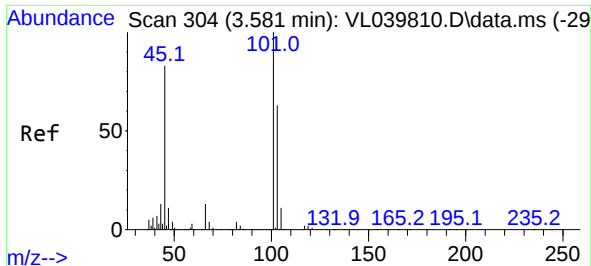
Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 767.1 9.0 13.6#



#18
1,1-Dichloroethene
Concen: 0.032 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 96 Resp: 1620
Ion Ratio Lower Upper
96 100
61 186.8 156.9 235.3
98 59.1 50.6 75.8





#19

Isopropyl Alcohol

Concen: 0.007 ppbv

RT: 3.578 min Scan# 304

Delta R.T. -0.003 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_1

ClientSampleId :

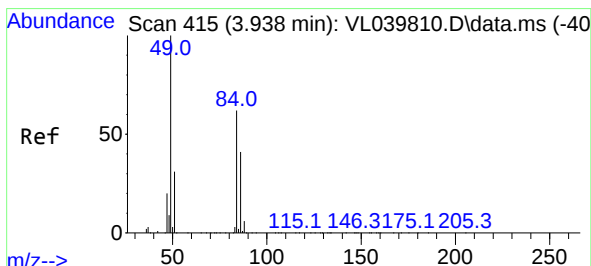
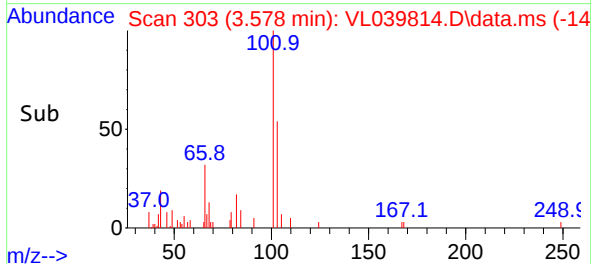
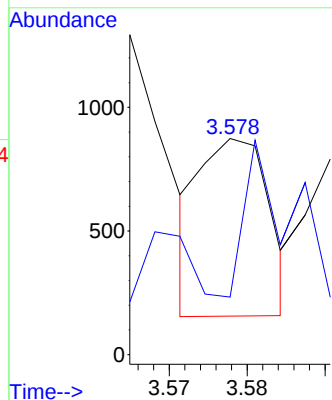
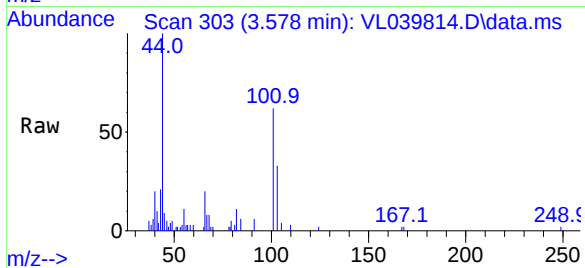
VSTDIC0.1

Tgt Ion: 45 Resp: 442

Ion Ratio Lower Upper

45 100

58 164.7 38.3 57.5#



#20

Methylene Chloride

Concen: 0.262 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.000 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Tgt Ion: 84 Resp: 12610

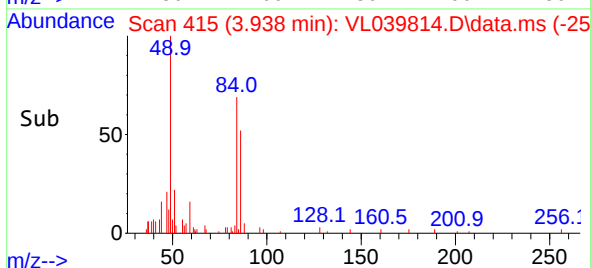
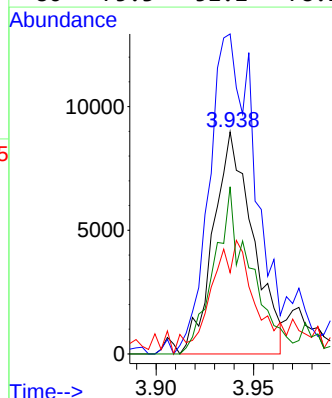
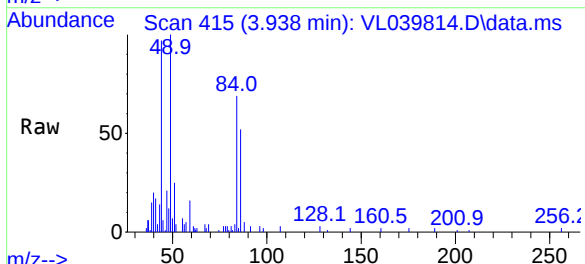
Ion Ratio Lower Upper

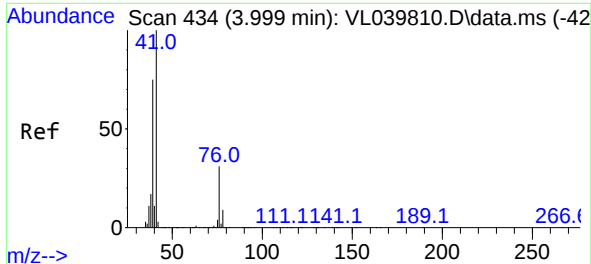
84 100

49 136.9 128.6 192.8

51 34.1 40.2 60.4#

86 75.3 52.2 78.2





#21

Allyl Chloride

Concen: 0.075 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

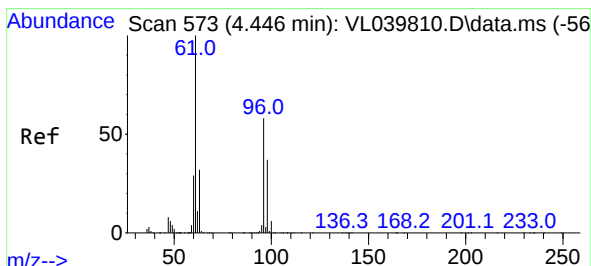
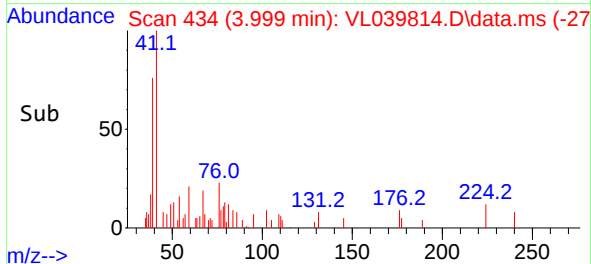
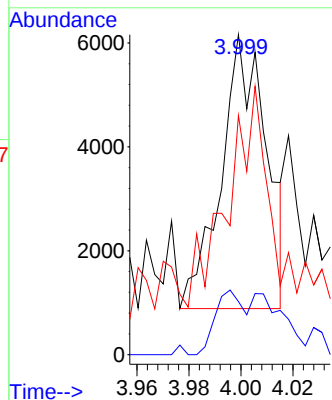
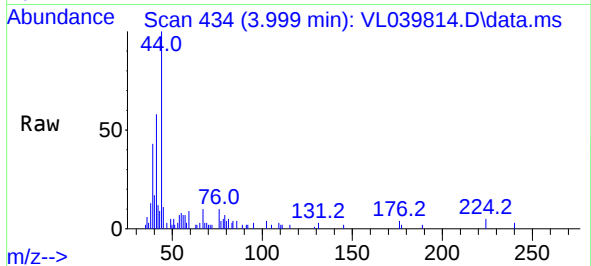
Tgt Ion: 41 Resp: 6366

Ion Ratio Lower Upper

41 100

76 39.7 24.1 36.1#

39 158.3 64.3 96.5#



#22

trans-1,2-Dichloroethene

Concen: 0.035 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.000 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

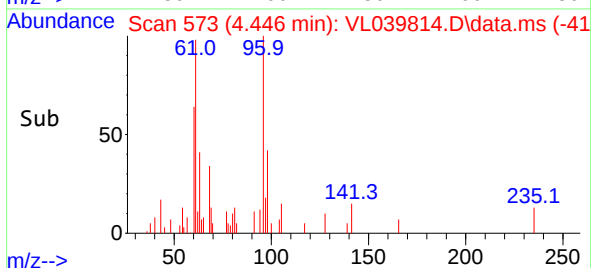
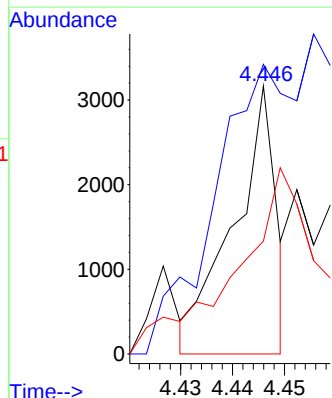
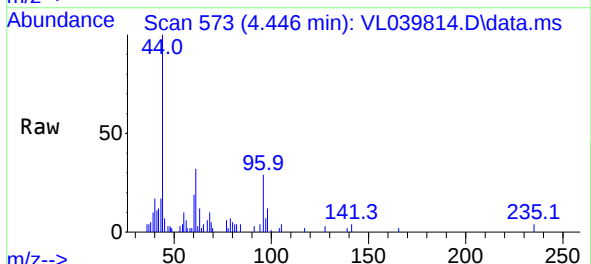
Tgt Ion: 96 Resp: 1800

Ion Ratio Lower Upper

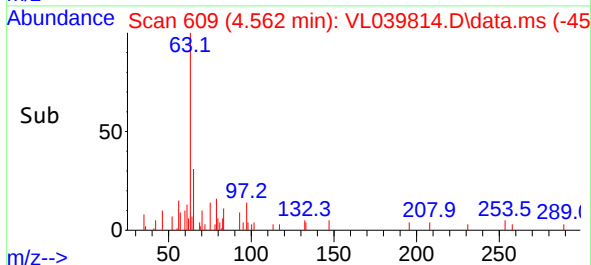
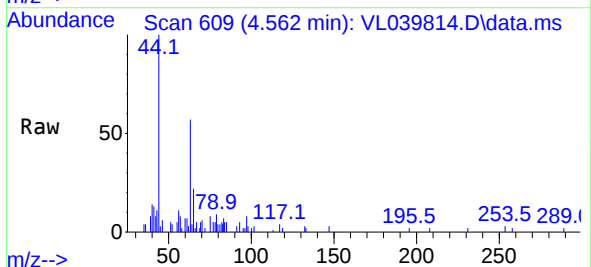
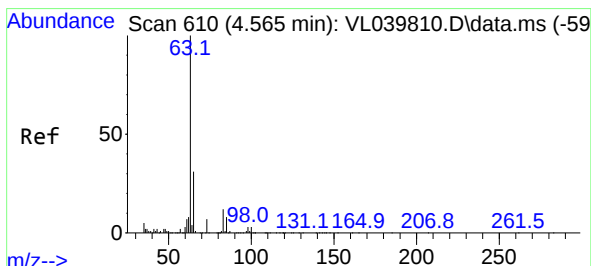
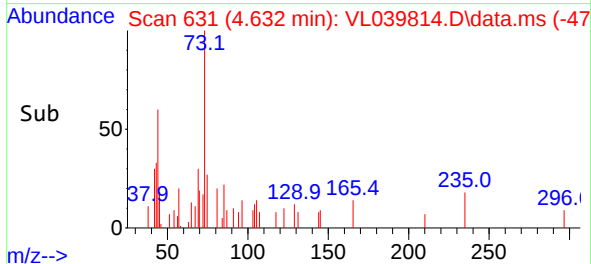
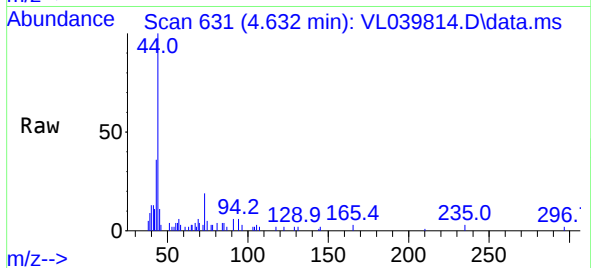
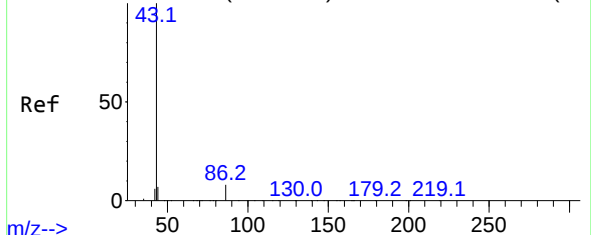
96 100

61 90.6 137.6 206.4#

98 34.2 51.2 76.8#



Abundance Scan 629 (4.626 min): VL039810.D\data.ms (-62



#23

Vinyl Acetate

Concen: 0.041 ppbv

RT: 4.632 min Scan# 610

Delta R.T. 0.007 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 2168

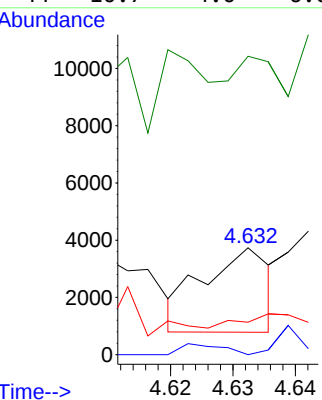
Ion Ratio Lower Upper

43 100

86 0.0 5.0 7.4#

42 0.0 6.8 10.2#

44 10.7 4.0 6.0#



#24

1,1-Dichloroethane

Concen: 0.042 ppbv

RT: 4.562 min Scan# 609

Delta R.T. -0.003 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

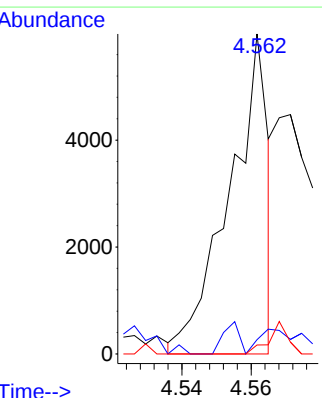
Tgt Ion: 63 Resp: 4620

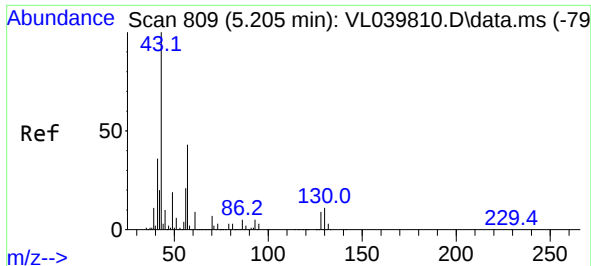
Ion Ratio Lower Upper

63 100

98 4.6 1.8 5.4

100 2.9 1.5 4.4



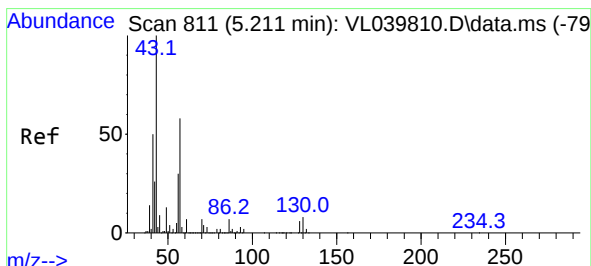
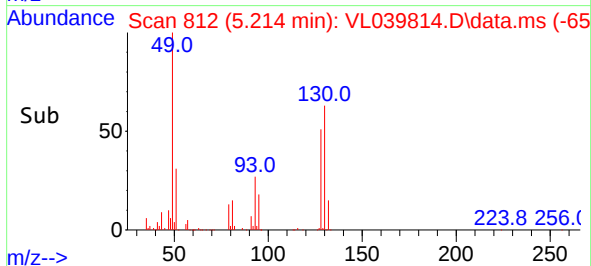
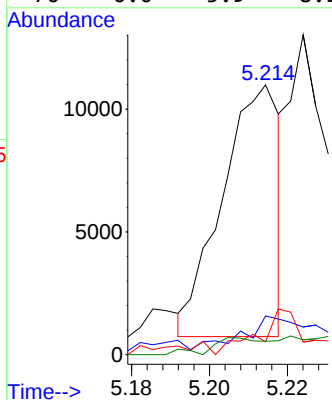
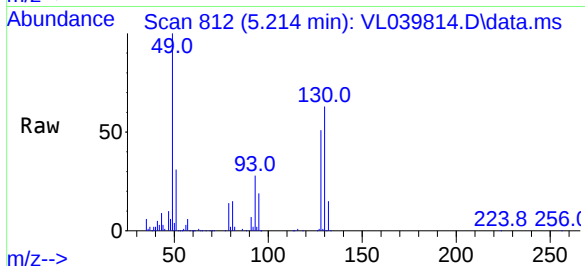


#25
Ethyl Acetate
Concen: 0.038 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 43 Resp: 10450

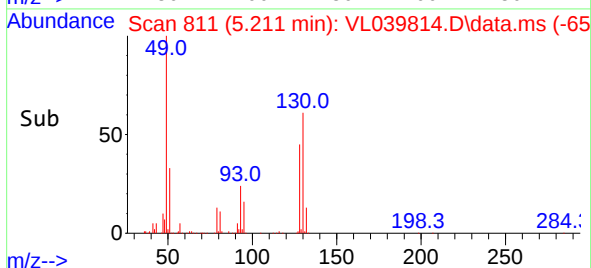
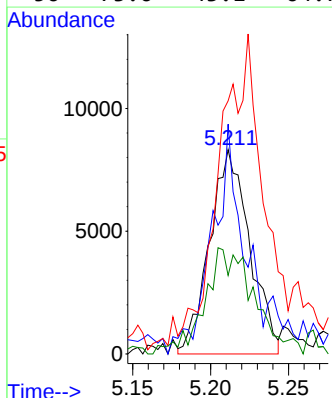
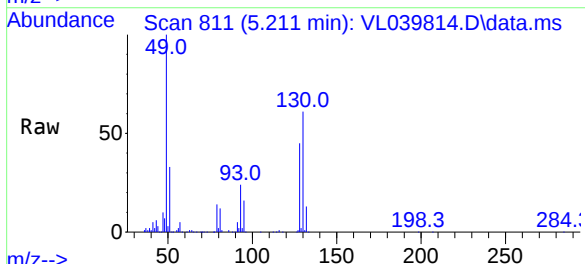
Ion	Ratio	Lower	Upper
43	100		
45	32.2	8.2	12.2#
61	29.3	8.1	12.1#
70	0.0	5.9	8.9#

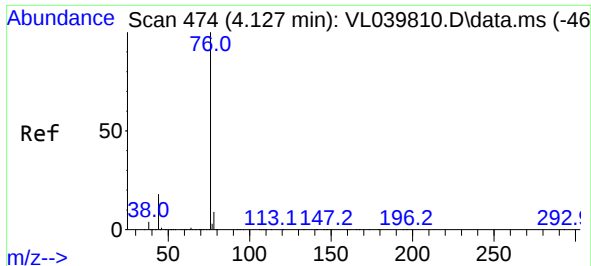


#26
Hexane
Concen: 0.121 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 57 Resp: 14923

Ion	Ratio	Lower	Upper
57	100		
41	112.5	73.7	110.5#
43	185.9	189.8	284.8#
56	73.6	43.1	64.7#

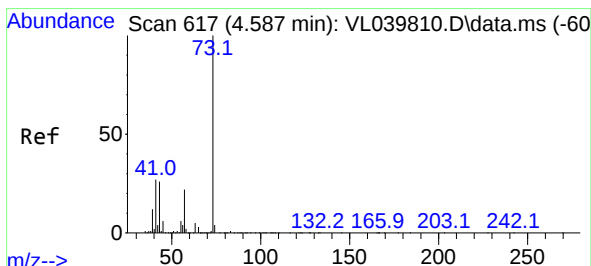
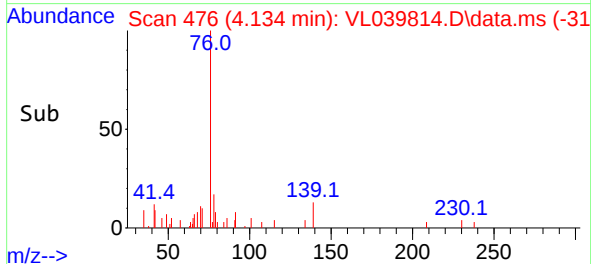
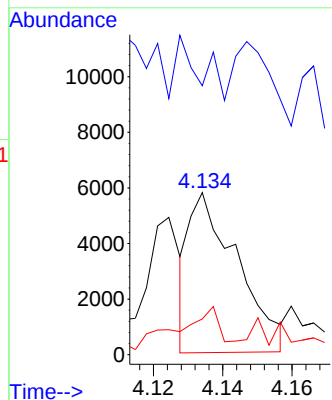
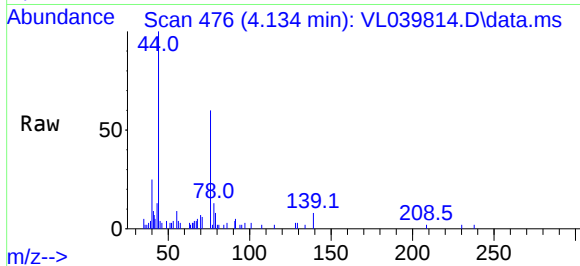




#27
Carbon Disulfide
Concen: 0.043 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

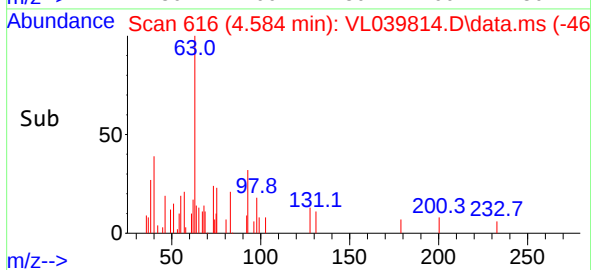
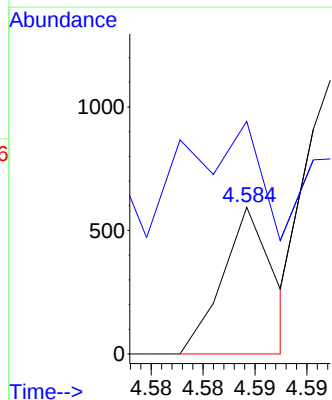
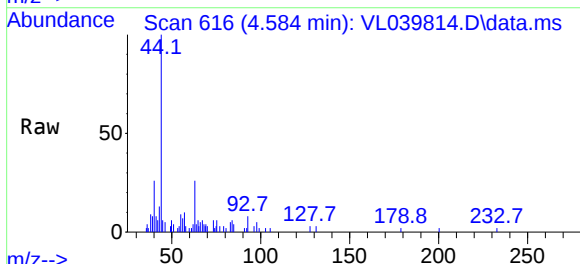
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

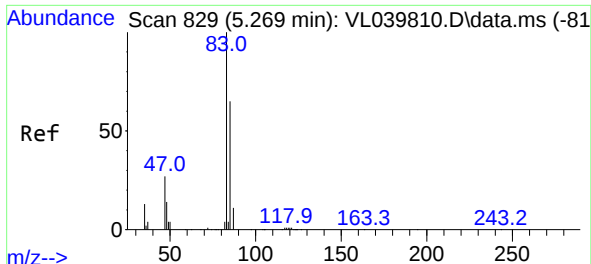
Tgt Ion: 76 Resp: 5601
Ion Ratio Lower Upper
76 100
44 0.0 14.6 22.0#
78 36.2 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 73 Resp: 205
Ion Ratio Lower Upper
73 100
57 442.0 19.4 29.2#





#29

Chloroform

Concen: 0.086 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

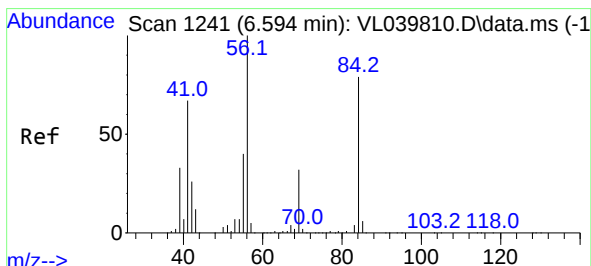
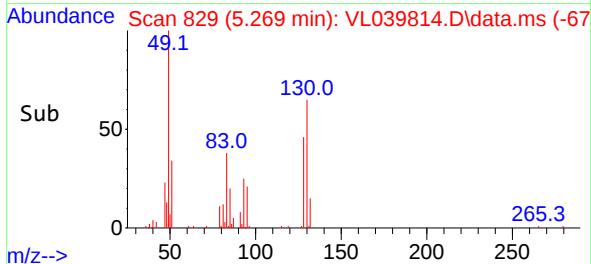
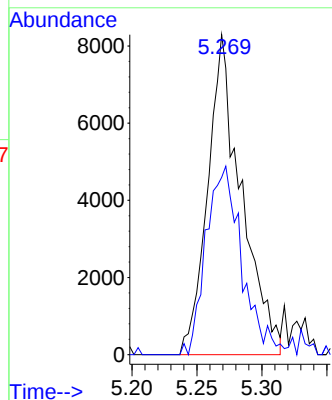
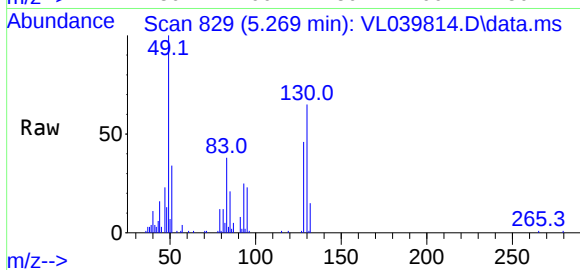
VSTDICC0.1

Tgt Ion: 83 Resp: 14914

Ion Ratio Lower Upper

83 100

85 55.4 51.6 77.4



#30

Cyclohexane

Concen: 0.061 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

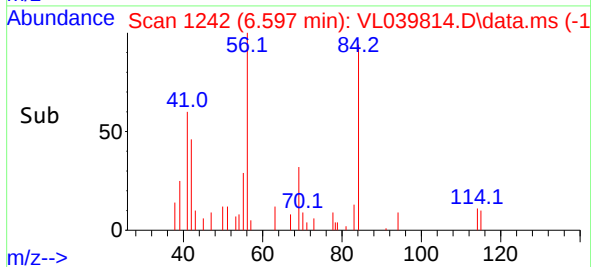
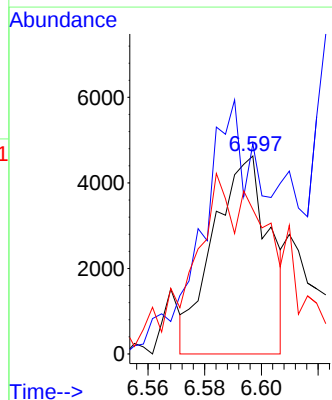
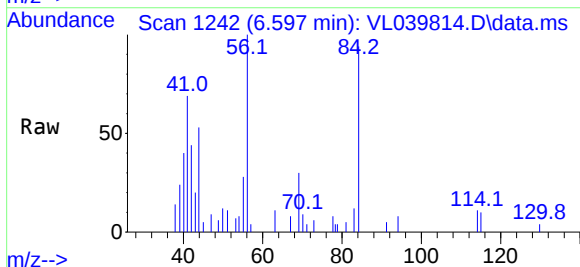
Tgt Ion: 84 Resp: 6271

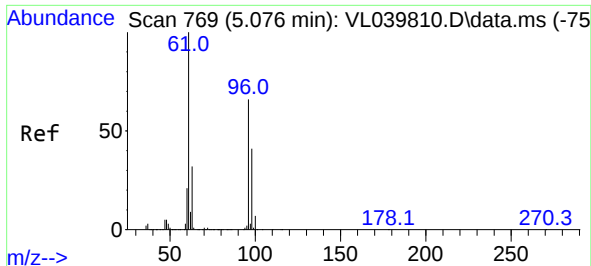
Ion Ratio Lower Upper

84 100

56 152.9 114.8 172.2

41 129.0 68.6 103.0#

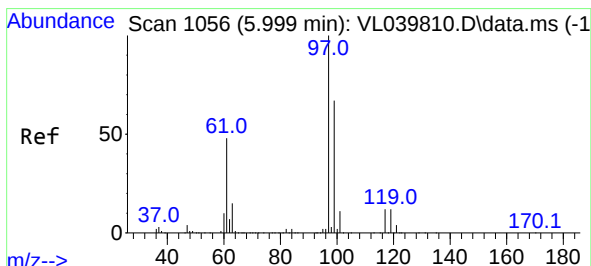
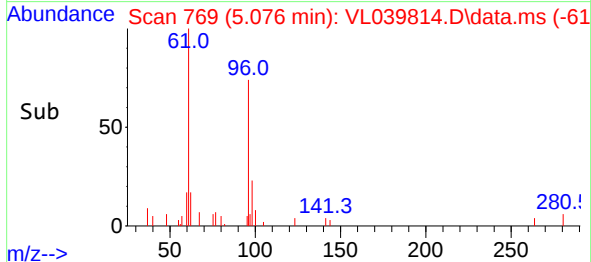
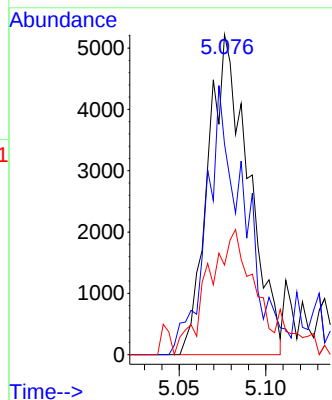
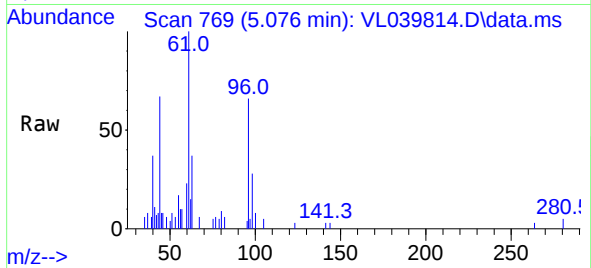




#31
cis-1,2-Dichloroethene
Concen: 0.075 ppbv
RT: 5.076 min Scan# 769
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

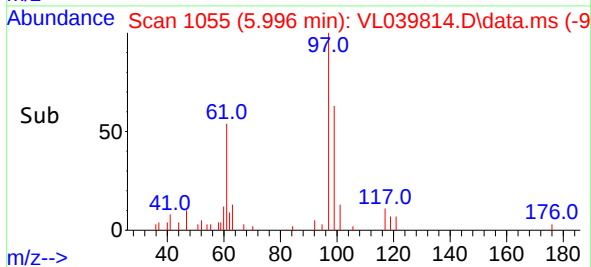
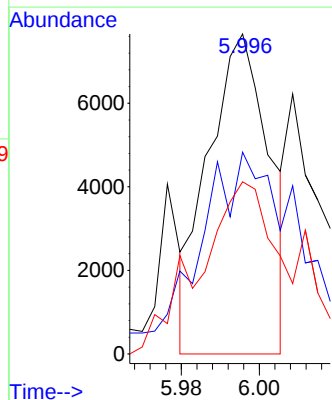
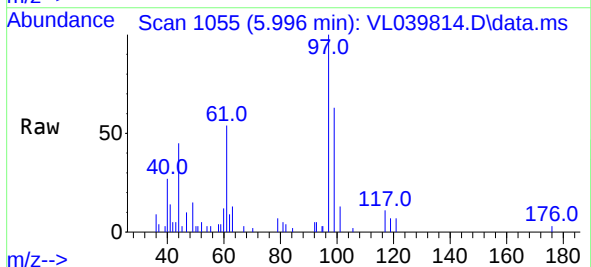
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

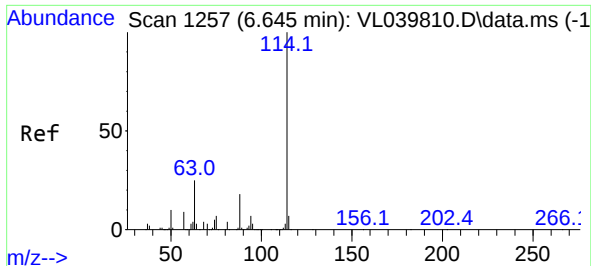
Tgt Ion: 61 Resp: 8441
Ion Ratio Lower Upper
61 100
96 57.4 52.6 78.8
98 22.5 32.6 48.8#



#32
1,1,1-Trichloroethane
Concen: 0.048 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 97 Resp: 8325
Ion Ratio Lower Upper
97 100
99 114.6 52.7 79.1#
61 93.4 38.9 58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

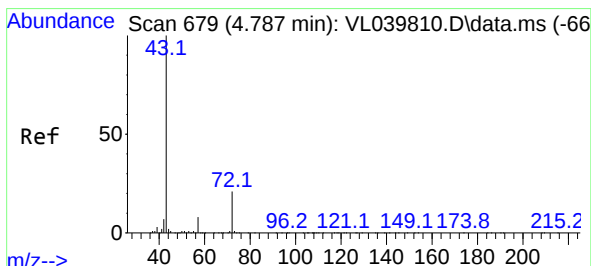
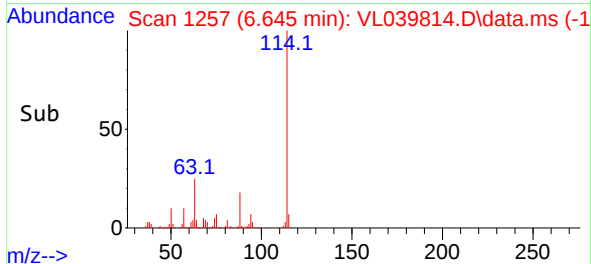
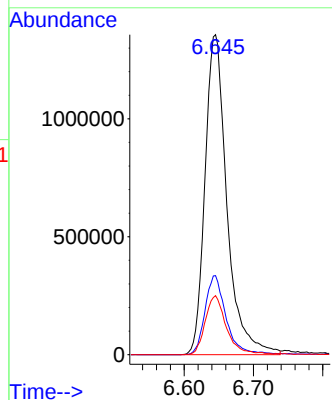
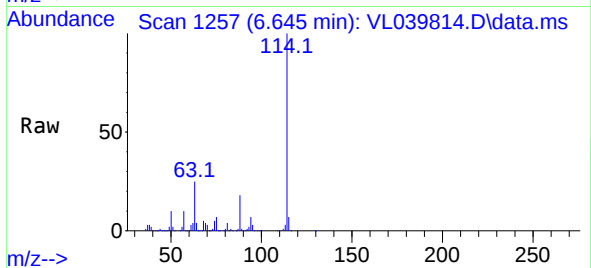
Tgt Ion:114 Resp: 2983316

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

88 18.3 14.4 21.6



#34

2-Butanone

Concen: 0.004 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.006 min

Lab File: VL039814.D

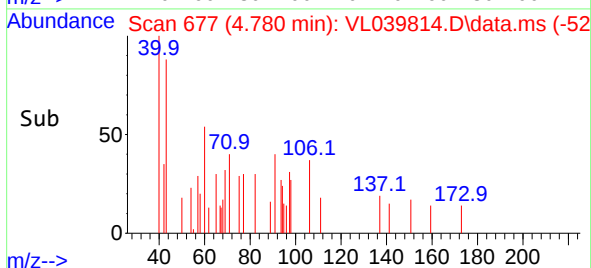
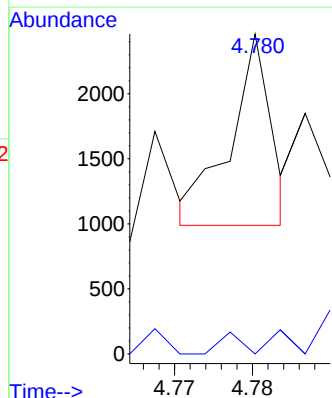
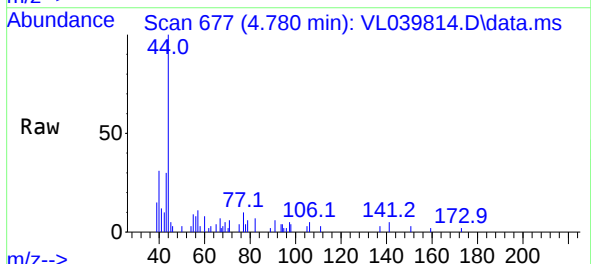
Acq: 2 Nov 2022 13:17

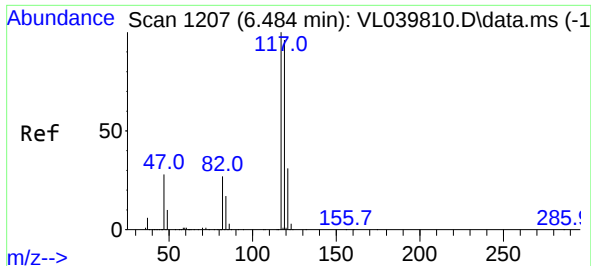
Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

72 0.0 17.5 26.3#

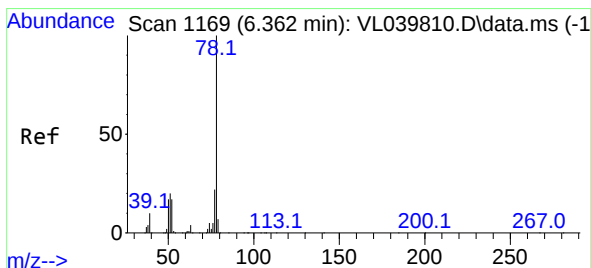
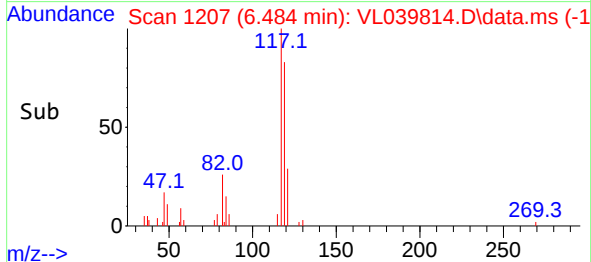
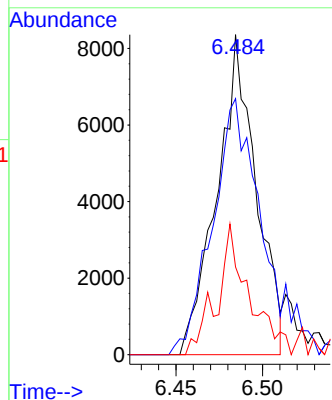
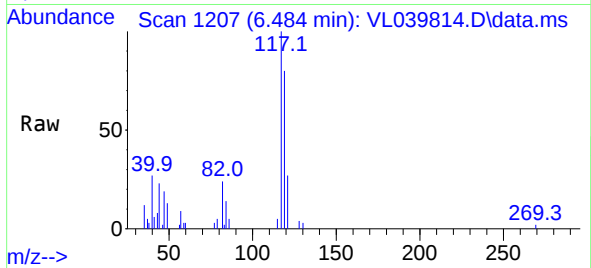




#35
Carbon Tetrachloride
Concen: 0.076 ppbv
RT: 6.484 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

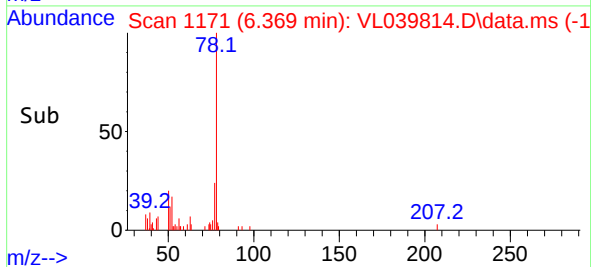
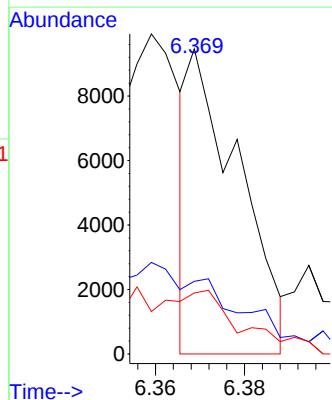
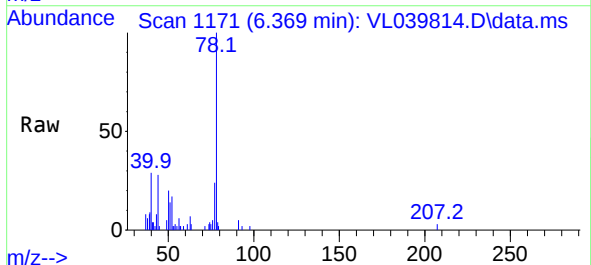
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

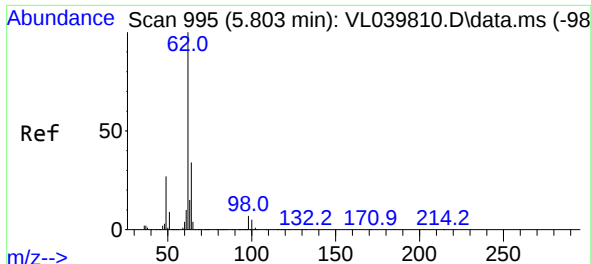
Tgt Ion:117 Resp: 13133
Ion Ratio Lower Upper
117 100
119 75.1 76.5 114.7#
121 27.4 25.2 37.8



#36
Benzene
Concen: 0.030 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 78 Resp: 7481
Ion Ratio Lower Upper
78 100
77 22.6 17.4 26.2
50 19.6 13.9 20.9

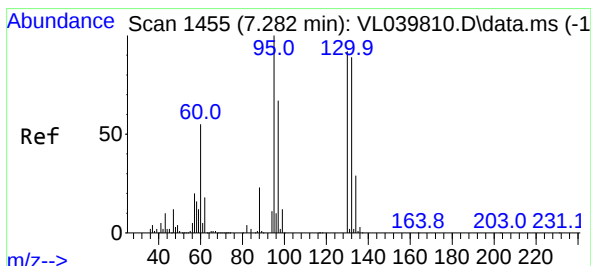
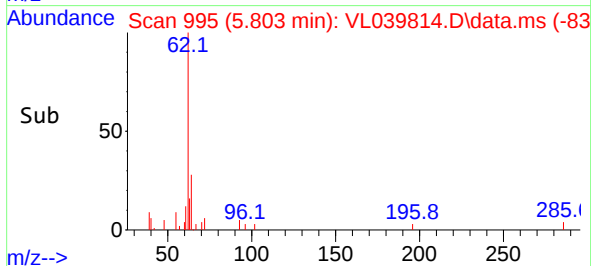
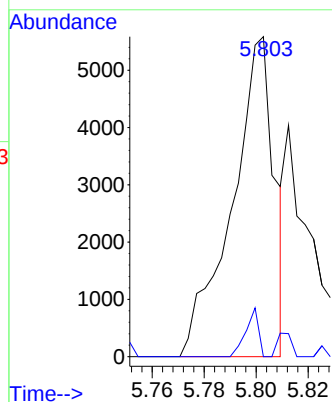
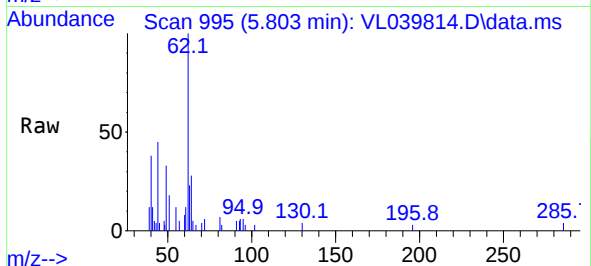




#37
1,2-Dichloroethane
Concen: 0.052 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

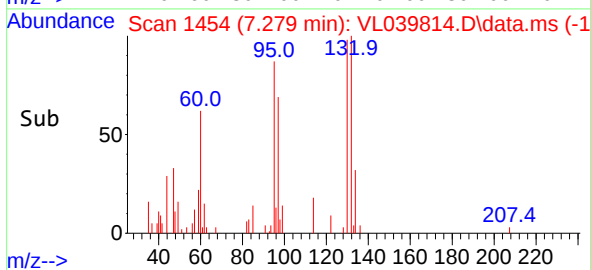
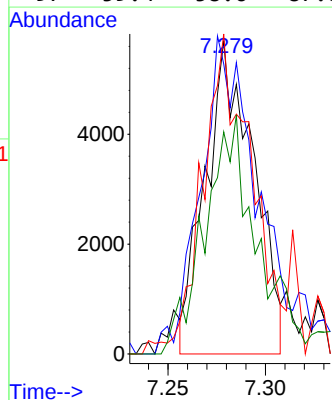
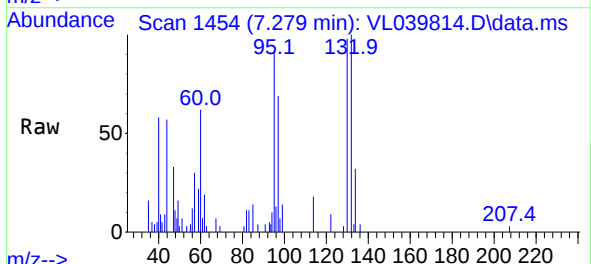
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

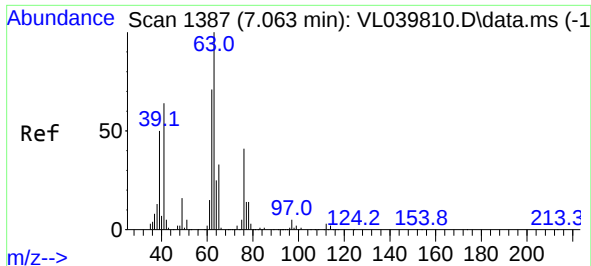
Tgt Ion: 62 Resp: 6288
Ion Ratio Lower Upper
62 100
98 7.7 5.4 8.2



#38
Trichloroethene
Concen: 0.071 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 130 Resp: 9805
Ion Ratio Lower Upper
130 100
95 89.2 87.4 131.2
132 103.0 77.7 116.5
97 59.4 58.6 87.8





#39

1,2-Dichloropropane

Concen: 7.047 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

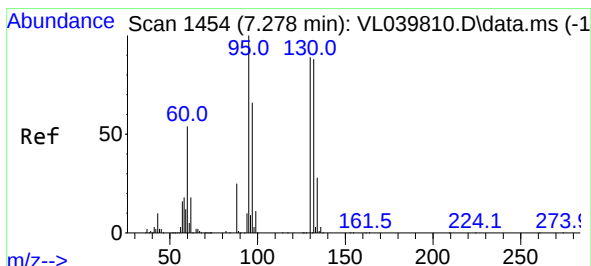
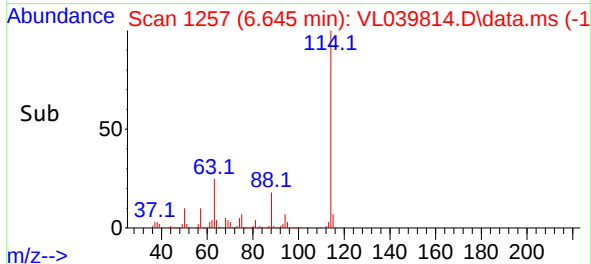
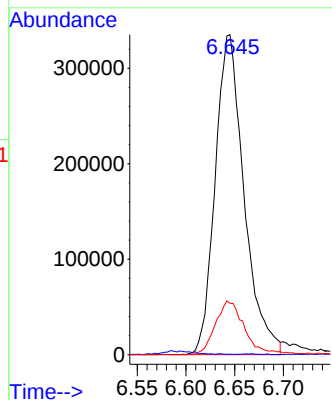
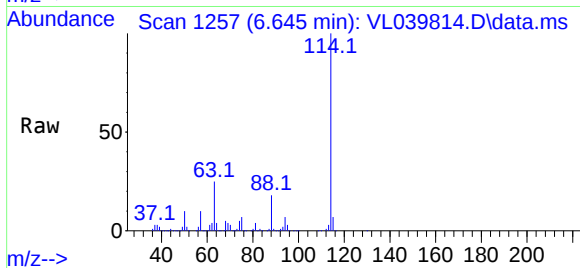
Tgt Ion: 63 Resp: 690946

Ion Ratio Lower Upper

63 100

41 0.2 51.0 76.4#

62 16.0 56.6 85.0#



#40

1,4-Dioxane

Concen: 0.001 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.003 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Tgt Ion: 88 Resp: 40

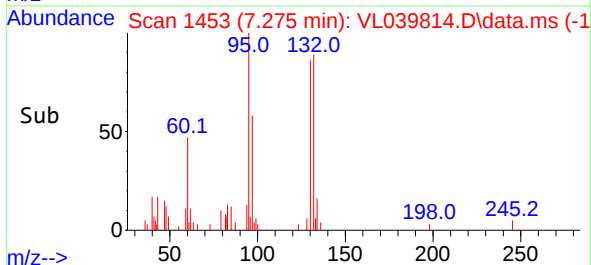
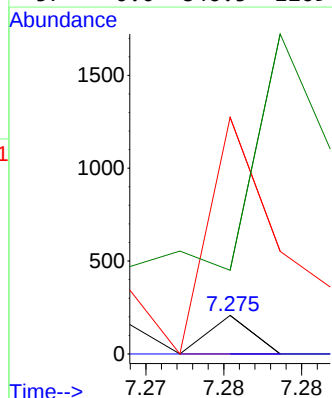
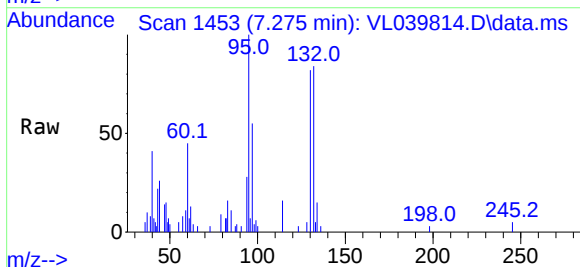
Ion Ratio Lower Upper

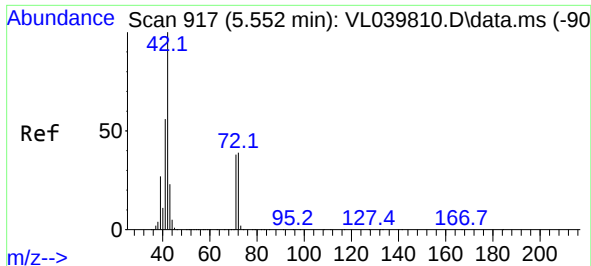
88 100

58 0.0 99.5 149.3#

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#

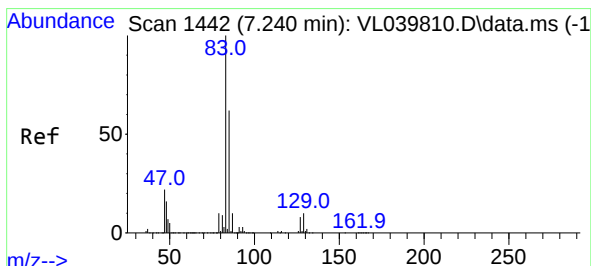
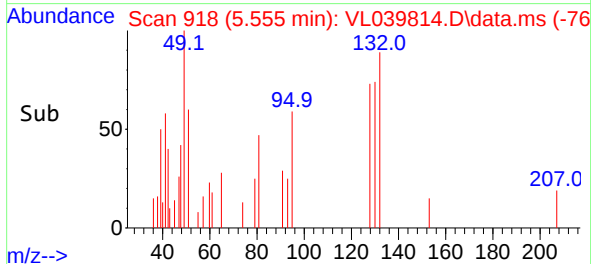
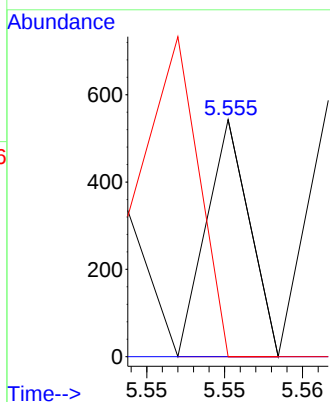
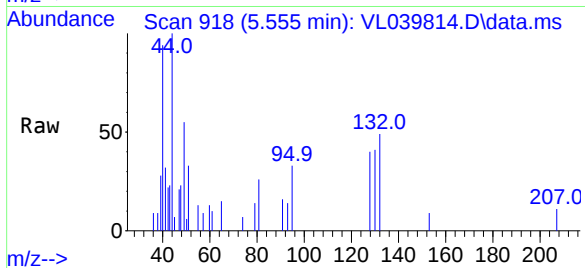




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.555 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

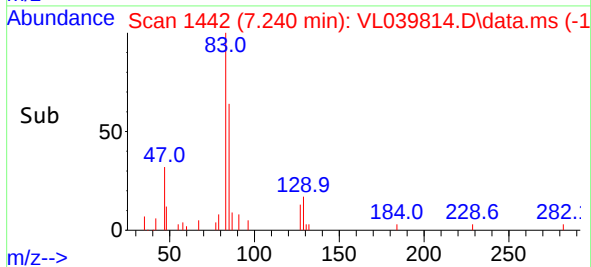
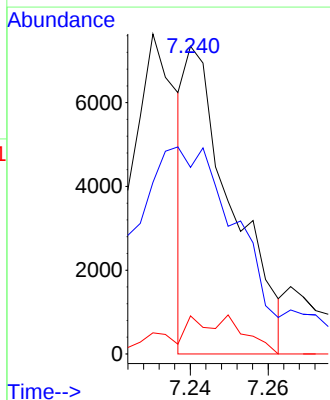
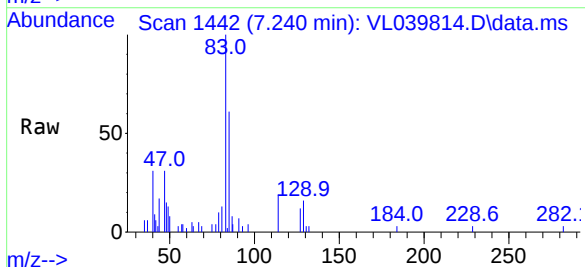
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

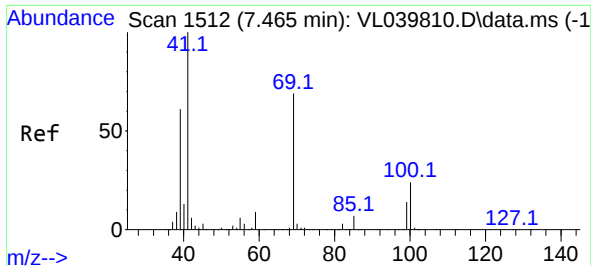
Tgt Ion: 42 Resp: 105
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.2#
71 245.7 31.5 47.3#



#42
Bromodichloromethane
Concen: 0.032 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 83 Resp: 6102
Ion Ratio Lower Upper
83 100
85 59.5 49.9 74.9
127 15.1 6.4 9.6#

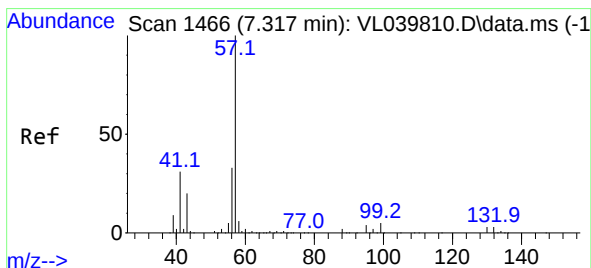
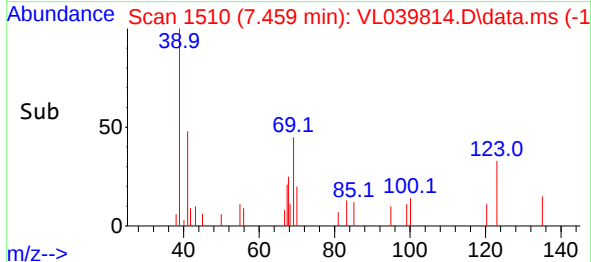
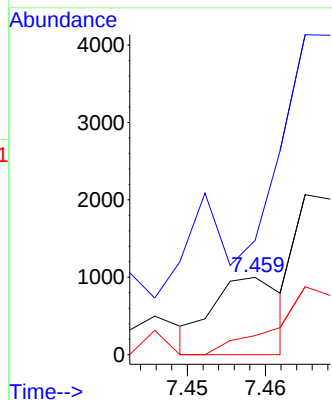
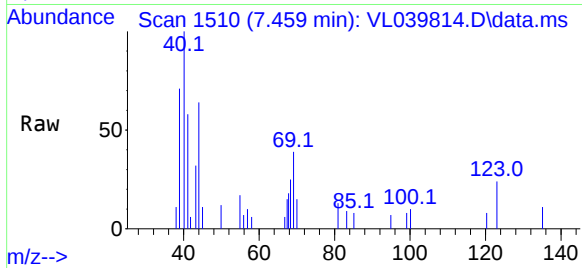




#43
Methyl Methacrylate
Concen: 0.006 ppbv
RT: 7.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

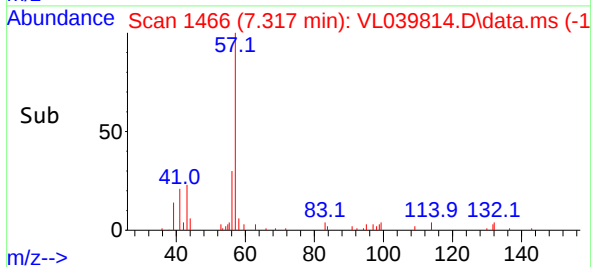
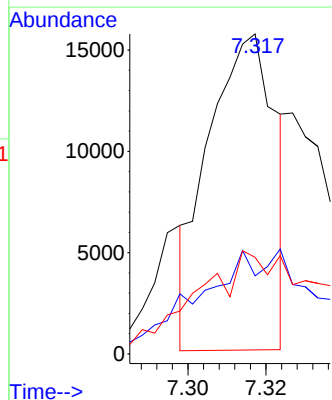
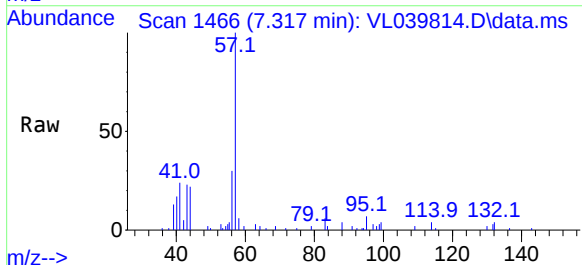
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

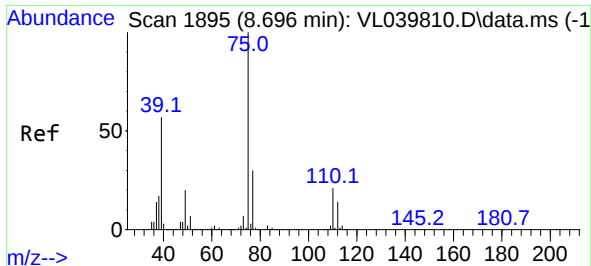
Tgt Ion: 69 Resp: 618
Ion Ratio Lower Upper
69 100
41 0.0 115.7 173.5#
100 0.0 25.9 38.9#



#44
2,2,4-Trimethylpentane
Concen: 0.044 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 57 Resp: 18590
Ion Ratio Lower Upper
57 100
41 0.0 24.6 36.8#
56 69.6 25.4 38.0#

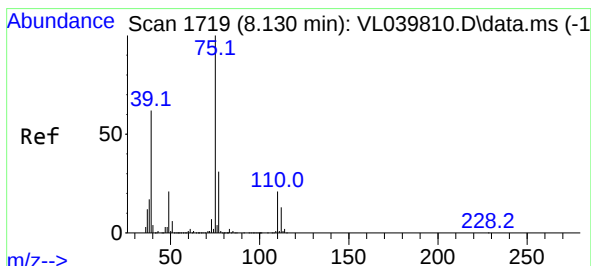
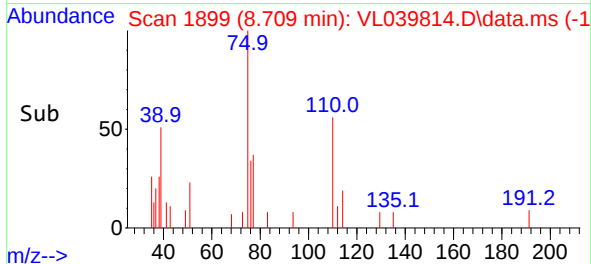
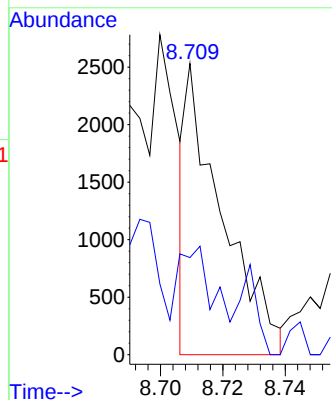
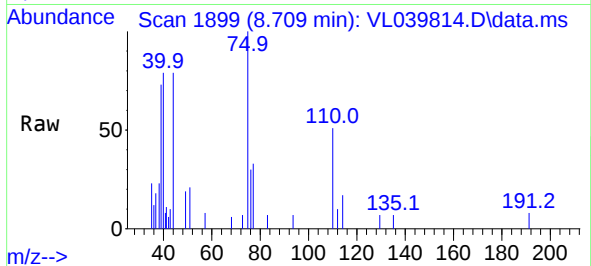




#45
 t-1,3-Dichloropropene
 Concen: 0.022 ppbv
 RT: 8.709 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

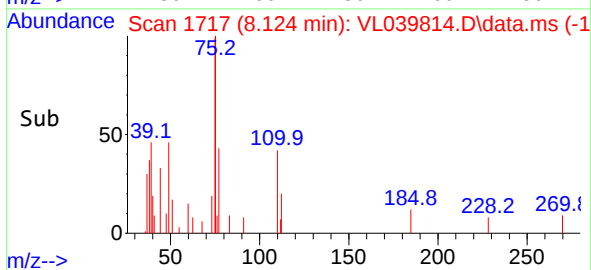
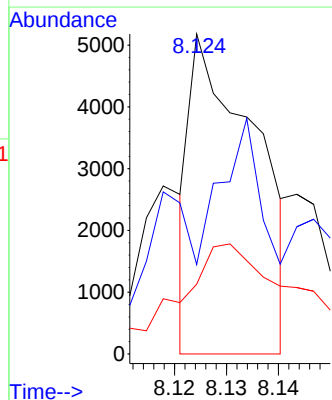
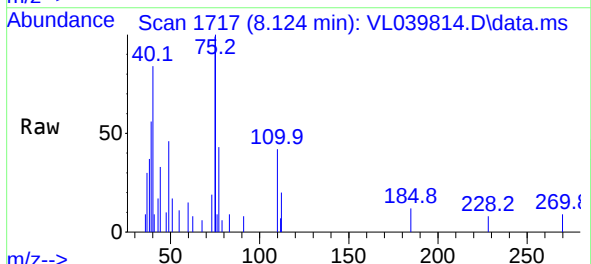
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

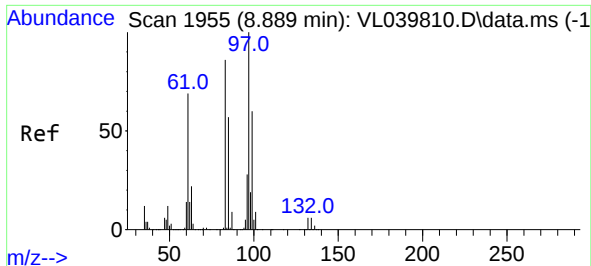
Tgt Ion: 75 Resp: 2054
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 0.034 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. -0.006 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

Tgt Ion: 75 Resp: 4477
 Ion Ratio Lower Upper
 75 100
 39 0.0 50.0 75.0#
 77 11.1 25.1 37.7#





#47

1,1,2-Trichloroethane

Concen: 0.068 ppbv

RT: 8.877 min Scan# 1951

Delta R.T. -0.013 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1

Tgt Ion: 97 Resp: 6732

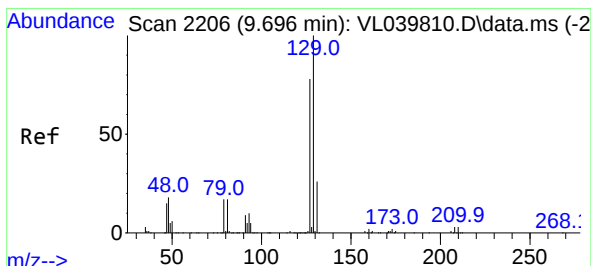
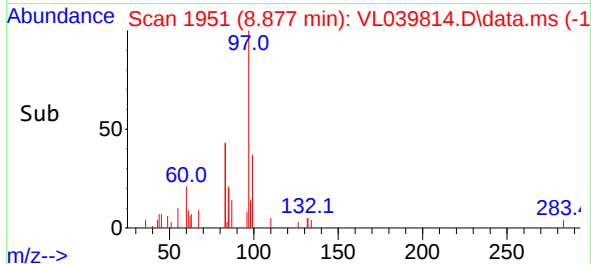
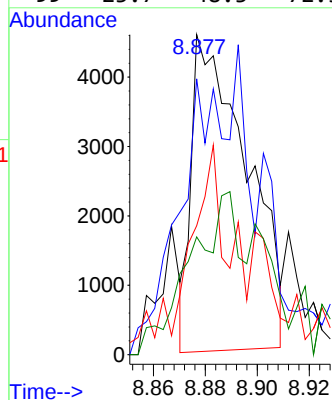
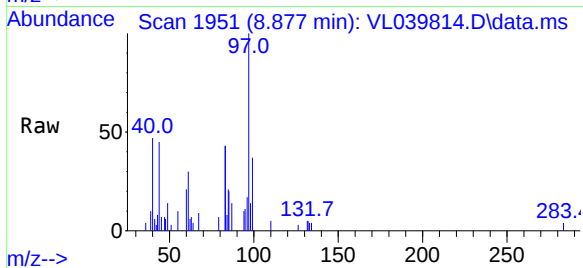
Ion Ratio Lower Upper

97 100

83 85.3 68.8 103.2

85 36.8 45.8 68.6#

99 23.7 48.3 72.5#



#48

Dibromochloromethane

Concen: 0.045 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.003 min

Lab File: VL039814.D

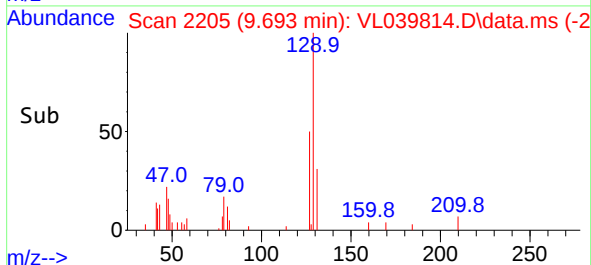
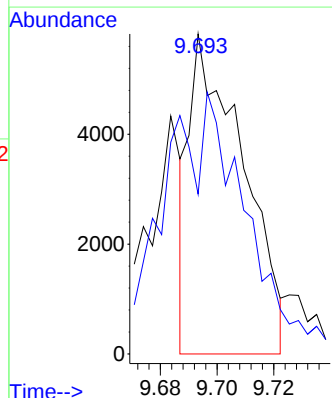
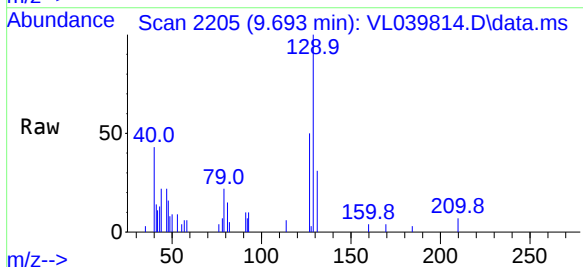
Acq: 2 Nov 2022 13:17

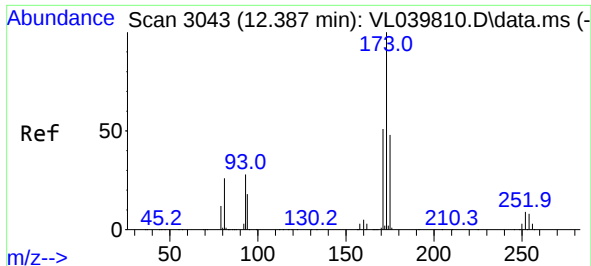
Tgt Ion: 129 Resp: 7655

Ion Ratio Lower Upper

129 100

127 129.2 39.4 118.1#

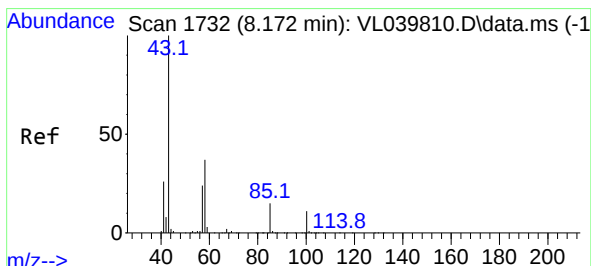
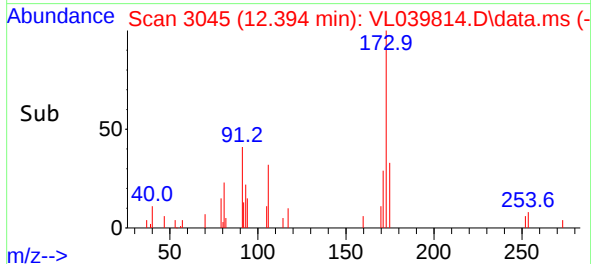
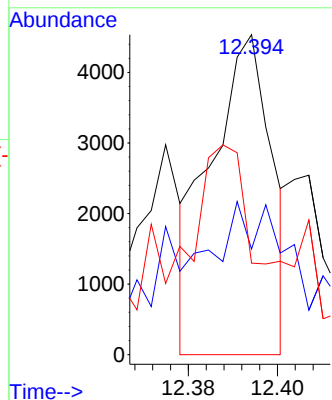
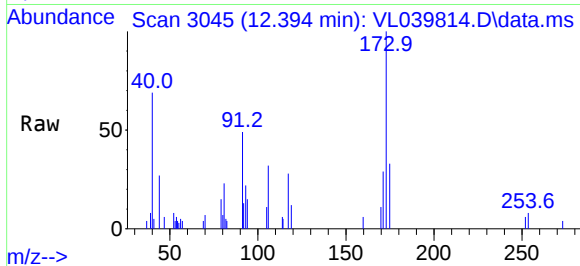




#49
Bromoform
Concen: 0.032 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

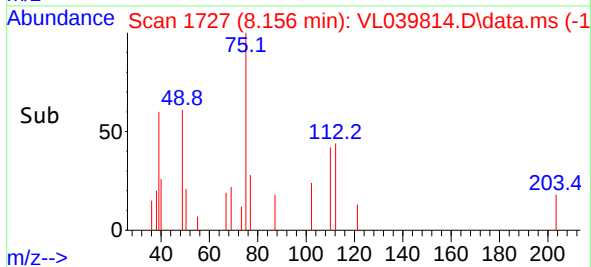
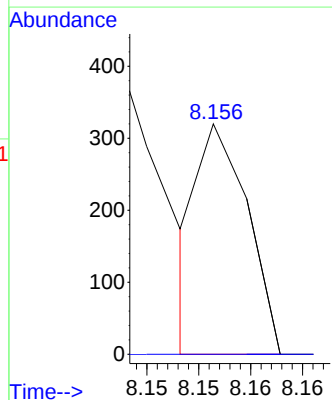
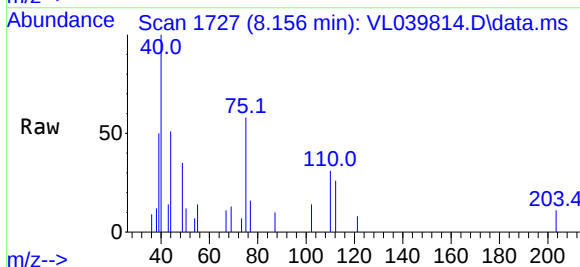
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

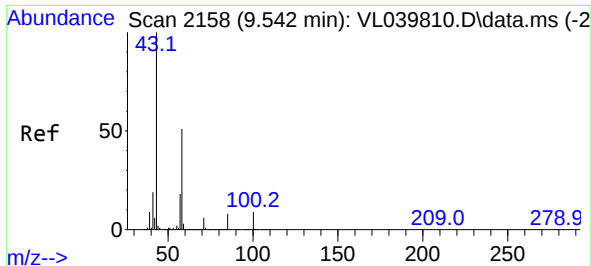
Tgt Ion:173 Resp: 4323
Ion Ratio Lower Upper
173 100
175 108.3 39.7 59.5#
171 124.3 41.7 62.5#



#50
4-Methyl-2-Pentanone
Concen: 0.000 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.016 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#

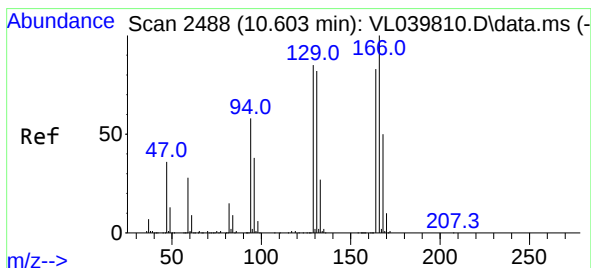
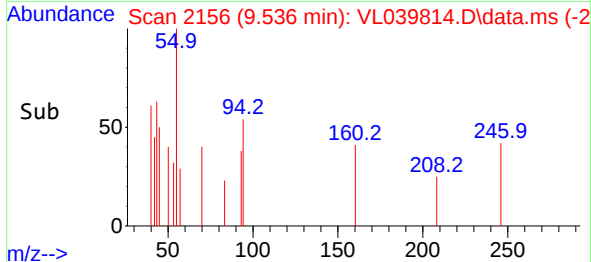
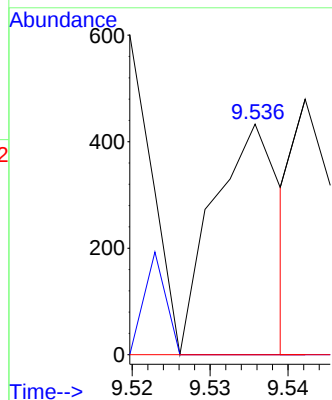
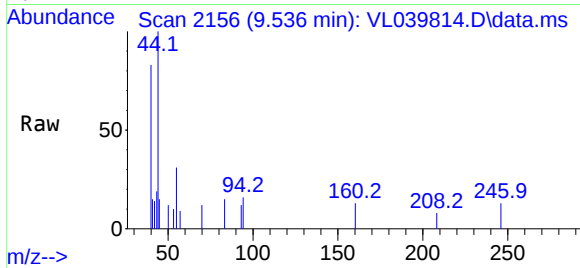




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.006 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

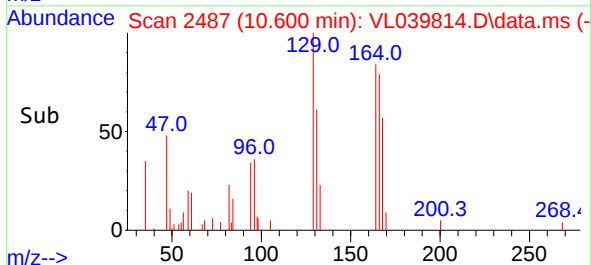
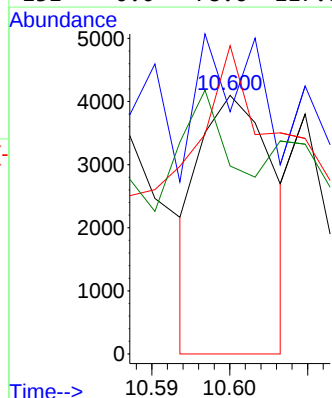
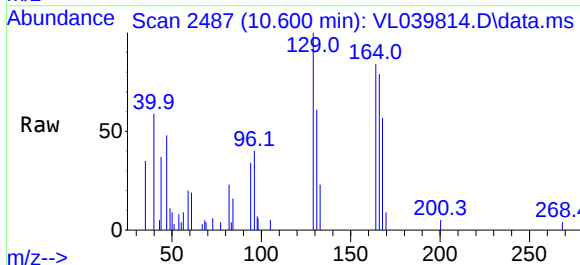
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

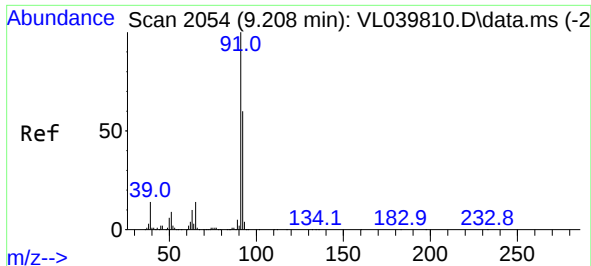
Tgt Ion:	43	Resp:	261
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.5	60.7#
98	0.0	0.1	0.1#



#52
Tetrachloroethene
Concen: 0.028 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion:	164	Resp:	2695
Ion	Ratio	Lower	Upper
164	100		
166	57.7	96.0	144.0#
129	98.9	81.4	122.2
131	0.0	78.6	117.8#

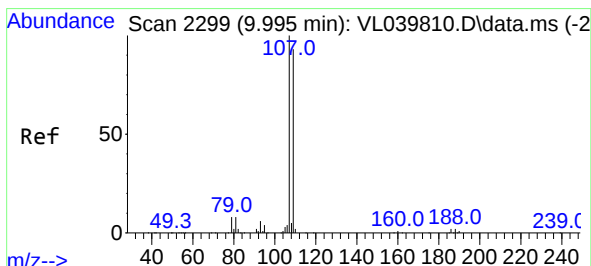
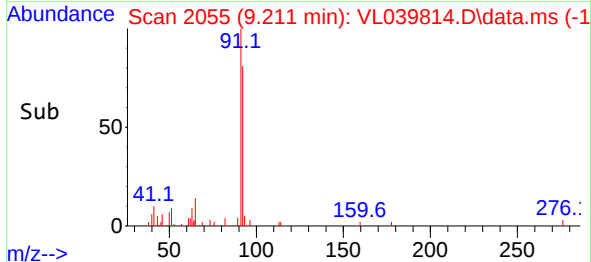
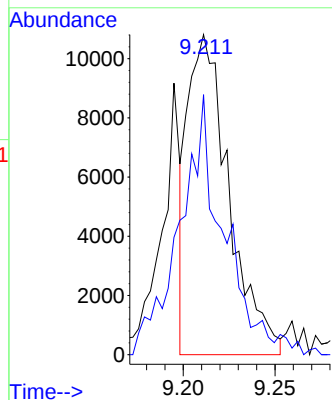
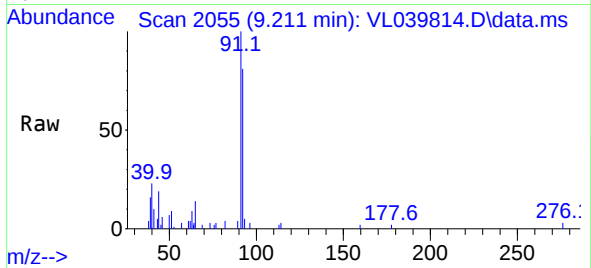




#53
Toluene
Concen: 0.059 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

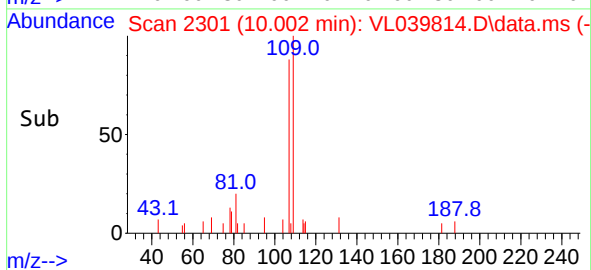
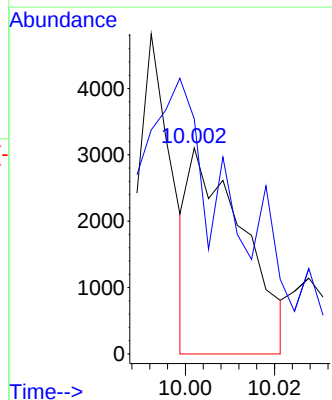
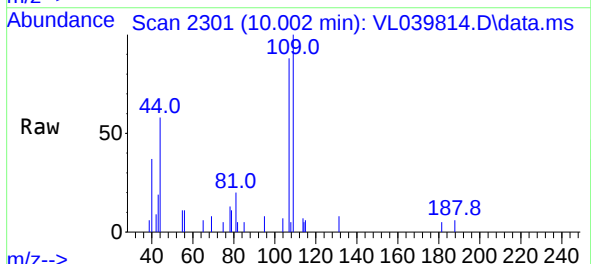
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

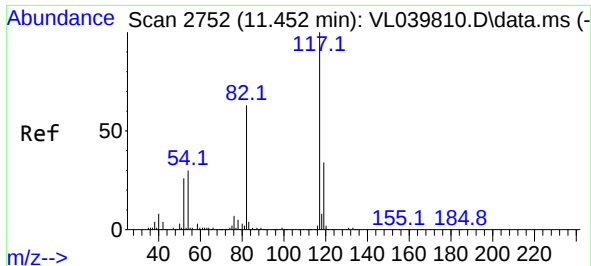
Tgt Ion: 91 Resp: 16921
Ion Ratio Lower Upper
91 100
92 86.8 49.6 74.4#



#54
1,2-Dibromoethane
Concen: 0.024 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 107 Resp: 2616
Ion Ratio Lower Upper
107 100
109 105.2 74.5 111.7

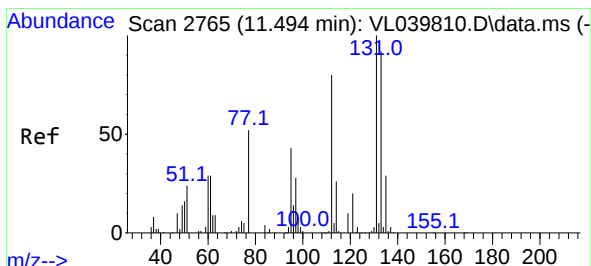
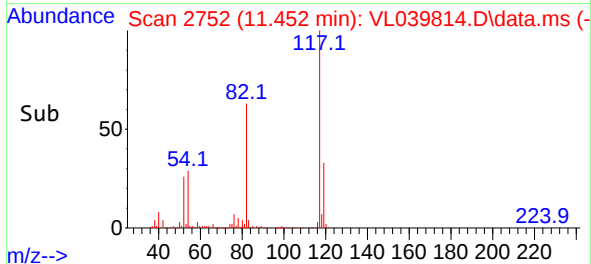
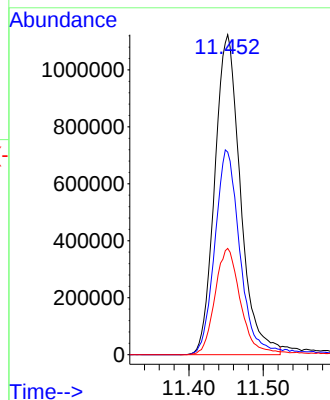
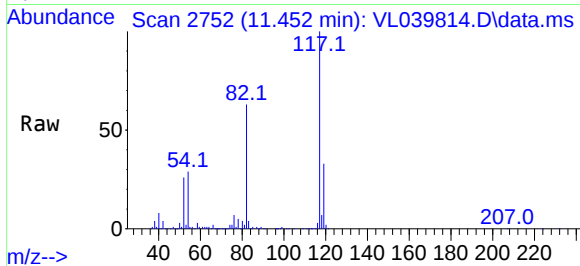




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

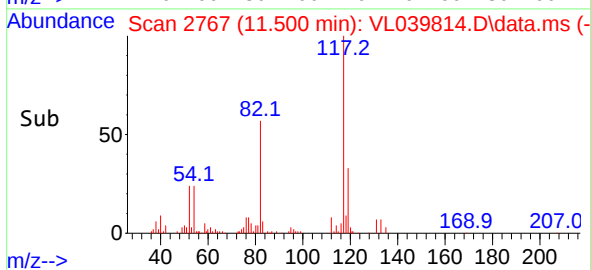
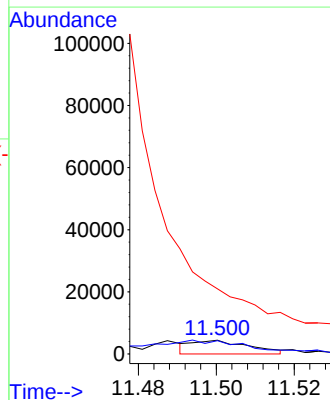
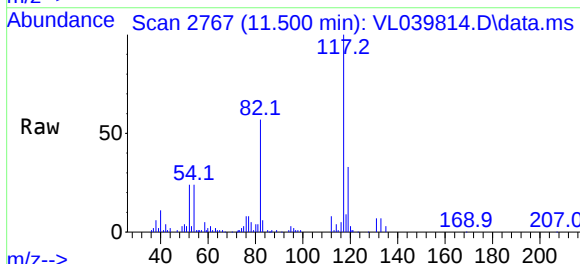
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

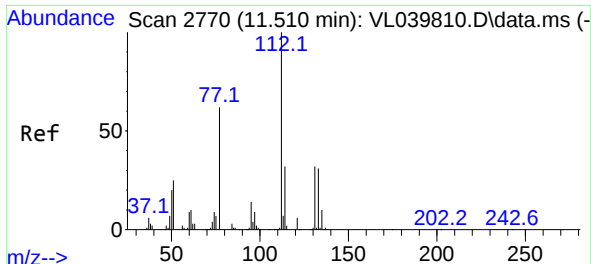
Tgt Ion:117 Resp: 2703169
Ion Ratio Lower Upper
117 100
82 64.7 51.0 76.6
119 34.3 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 0.039 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion:131 Resp: 4498
Ion Ratio Lower Upper
131 100
133 211.6 76.9 115.3#
119 0.0 52.2 78.2#

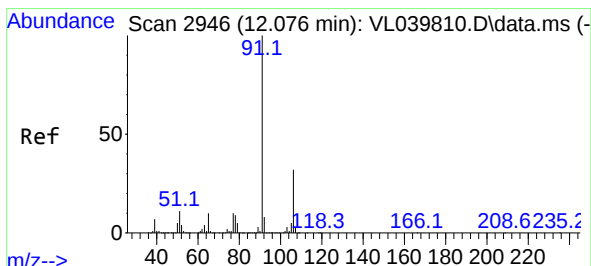
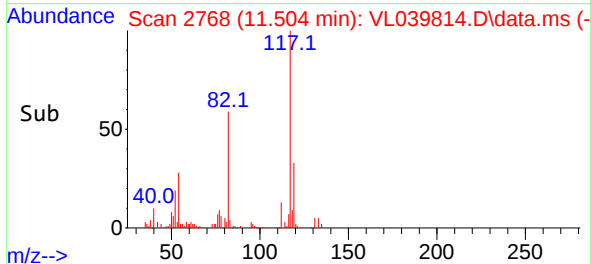
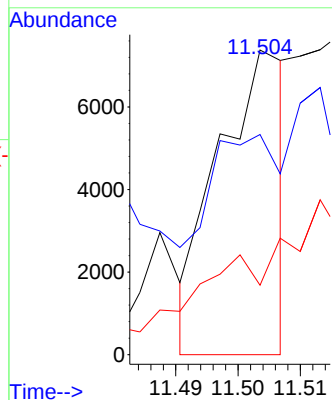
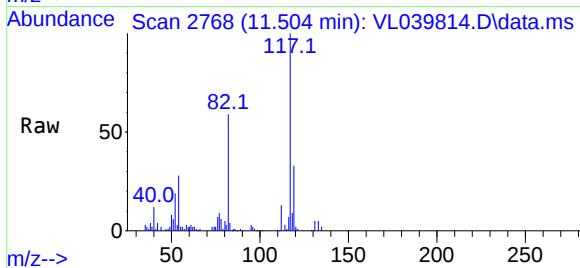




#57
Chlorobenzene
Concen: 0.027 ppbv
RT: 11.504 min Scan# 211
Delta R.T. -0.006 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

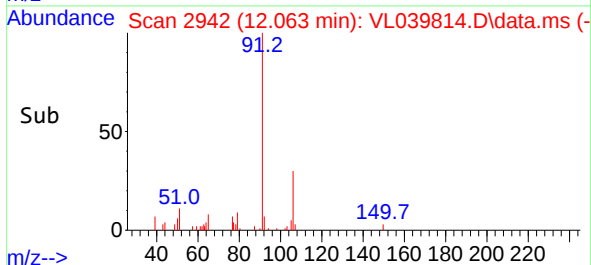
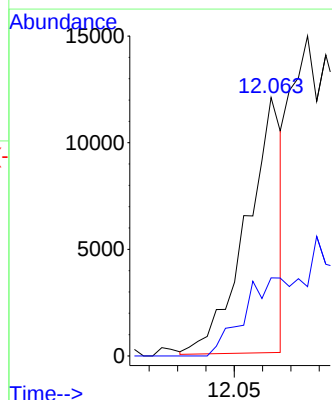
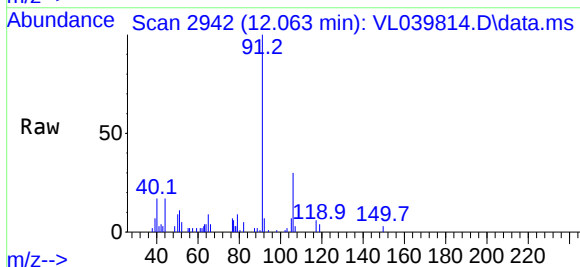
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

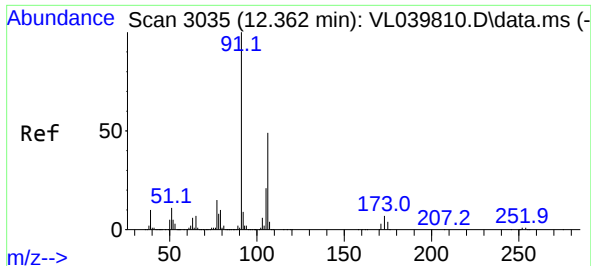
Tgt Ion:112 Resp: 5511
Ion Ratio Lower Upper
112 100
77 48.6 49.8 74.6#
114 11.2 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.028 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. -0.013 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 91 Resp: 10316
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9





#59

m/p-Xylene

Concen: 0.043 ppbv

RT: 12.365 min Scan# 3035

Delta R.T. 0.003 min

Lab File: VL039814.D

Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_1

ClientSampleId :

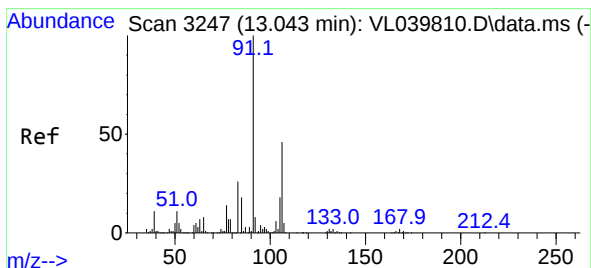
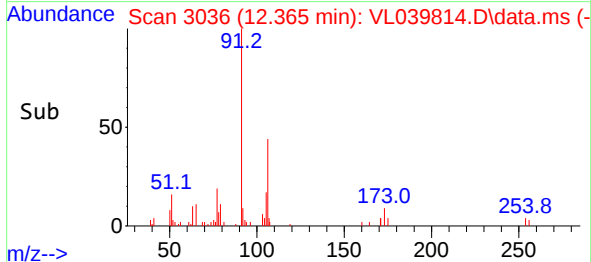
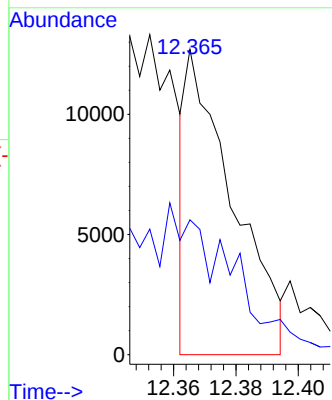
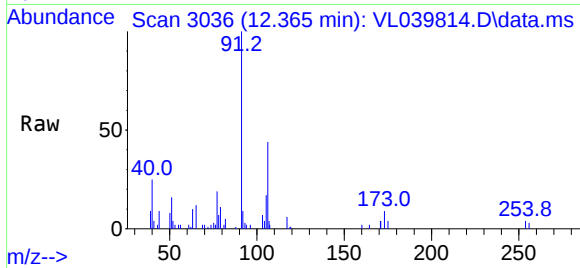
VSTDIC0.1

Tgt Ion: 91 Resp: 13184

Ion Ratio Lower Upper

91 100

106 175.9 37.6 56.4#



#60

o-Xylene

Concen: 0.080 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. 0.000 min

Lab File: VL039814.D

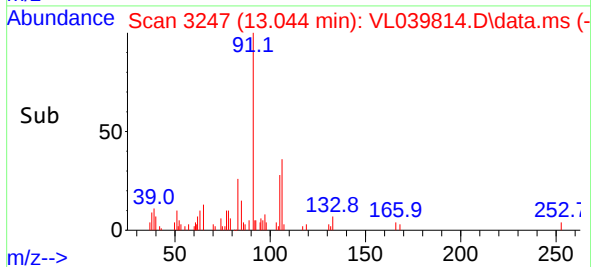
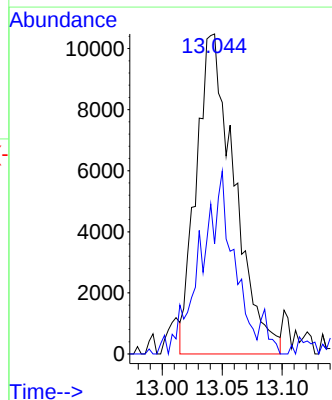
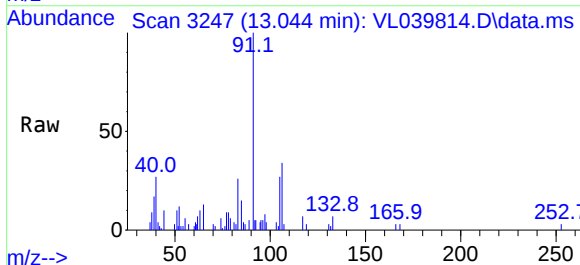
Acq: 2 Nov 2022 13:17

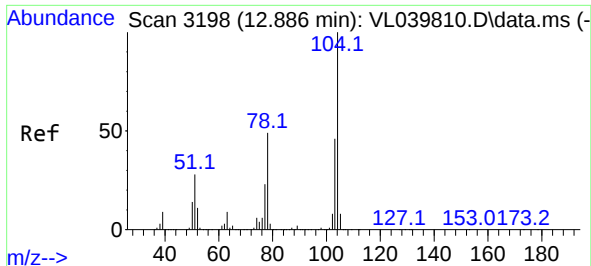
Tgt Ion: 91 Resp: 23110

Ion Ratio Lower Upper

91 100

106 52.8 23.6 70.8

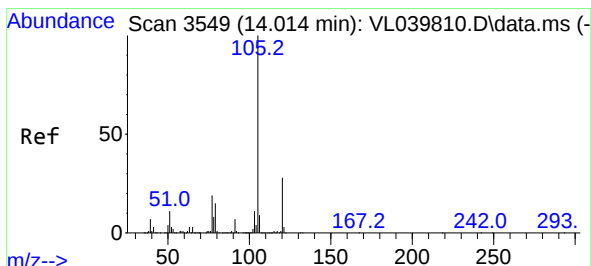
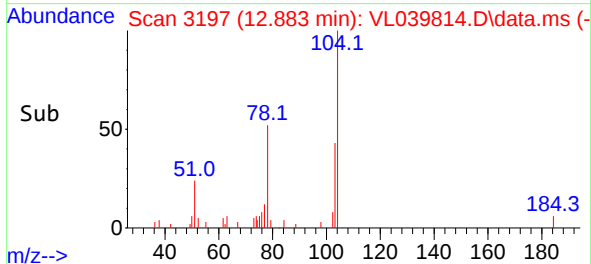
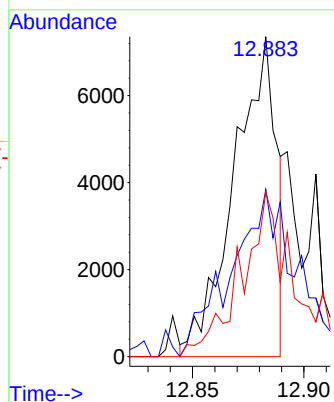
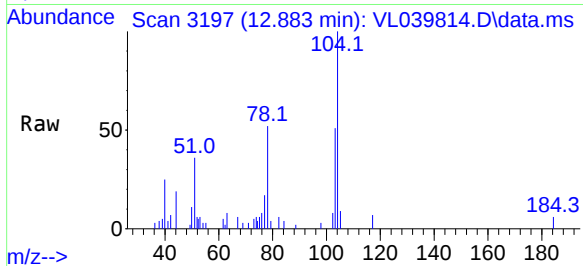




#61
Styrene
Concen: 0.055 ppbv
RT: 12.883 min Scan# 3198
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

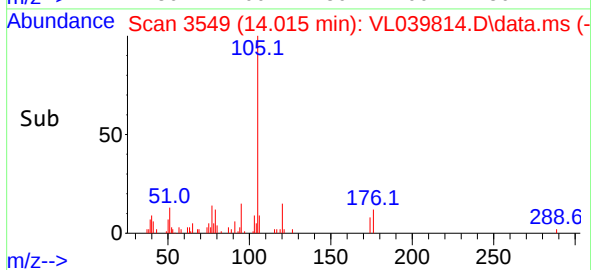
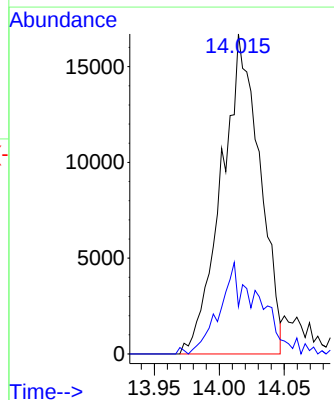
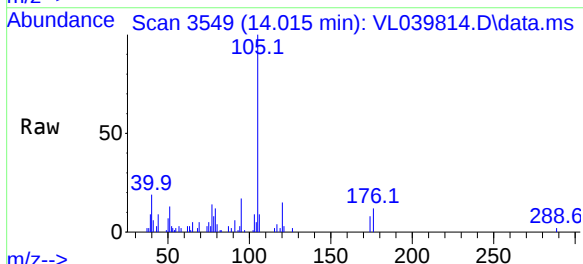
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

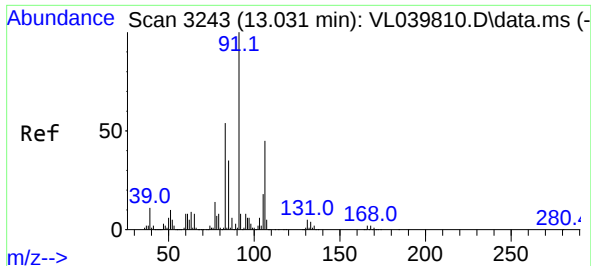
Tgt Ion:104 Resp: 9711
Ion Ratio Lower Upper
104 100
78 91.9 40.2 60.2#
103 65.1 37.5 56.3#



#62
Isopropylbenzene
Concen: 0.081 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion:105 Resp: 34312
Ion Ratio Lower Upper
105 100
120 29.9 21.7 32.5

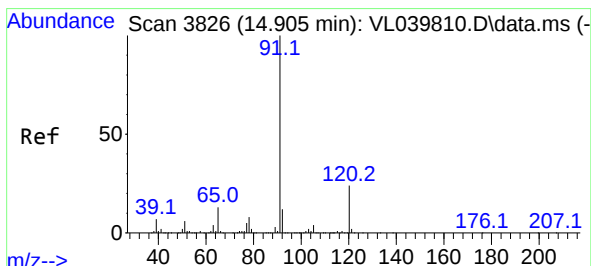
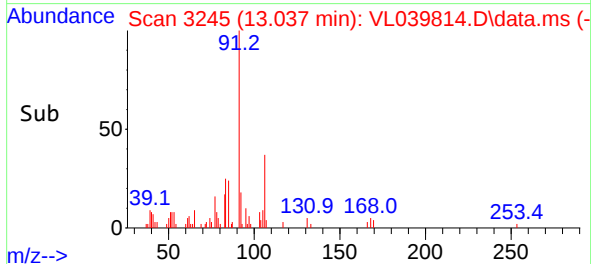
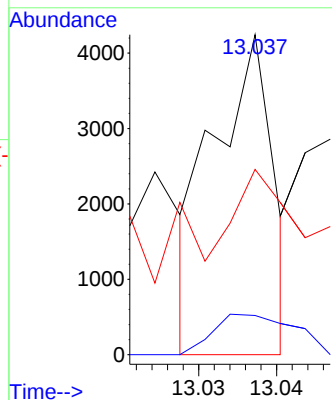
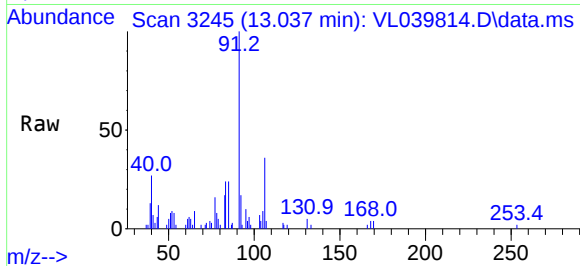




#63
1,1,2,2-Tetrachloroethane
Concen: 0.021 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

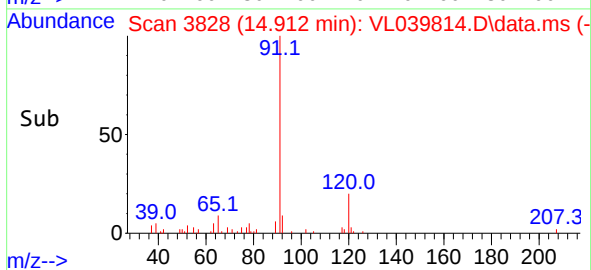
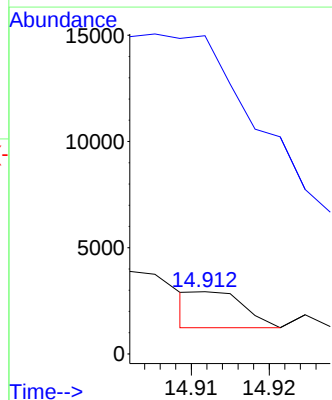
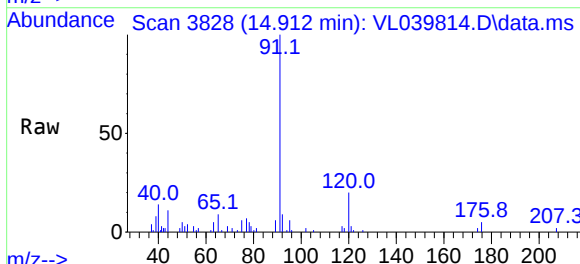
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

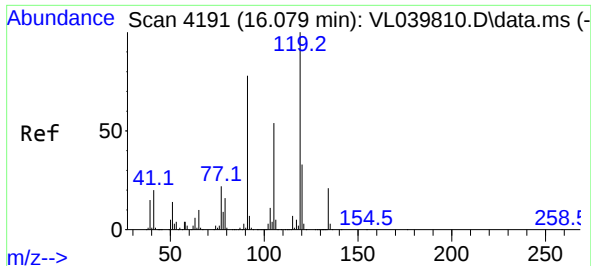
Tgt Ion: 83 Resp: 2281
Ion Ratio Lower Upper
83 100
131 25.3 4.6 13.8#
85 220.7 33.3 99.9#



#64
n-propylbenzene
Concen: 0.007 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 120 Resp: 745
Ion Ratio Lower Upper
120 100
91 6240.4 354.9 532.3#

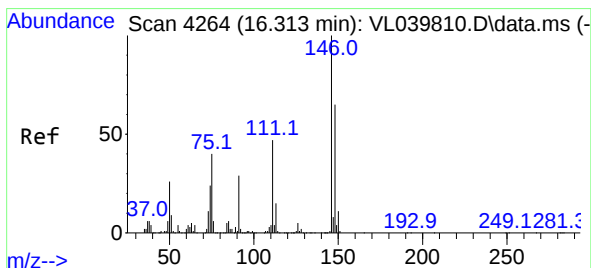
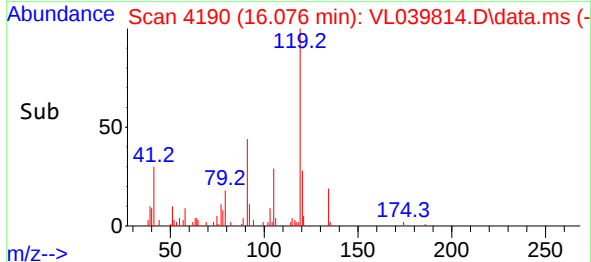
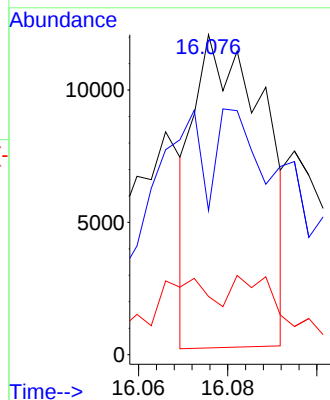
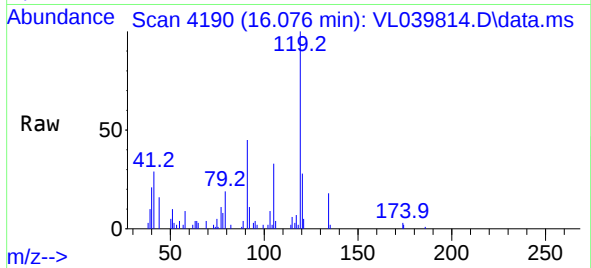




#65
tert-Butylbenzene
Concen: 0.035 ppbv
RT: 16.076 min Scan# 4191
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

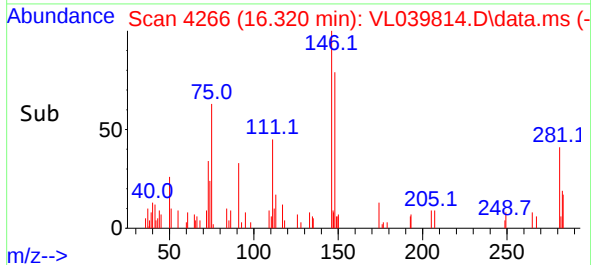
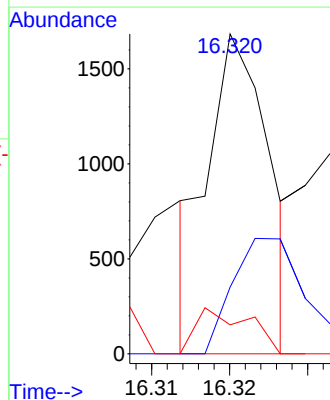
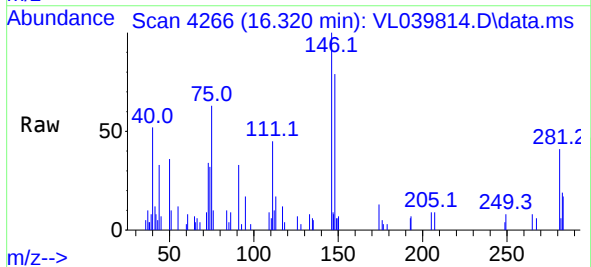
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

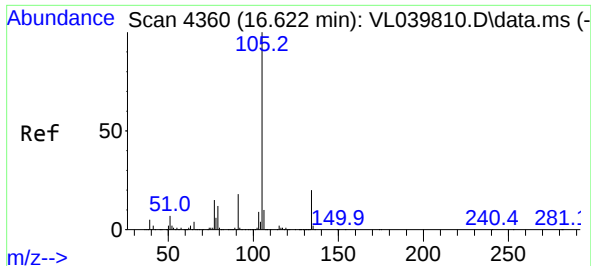
Tgt Ion:119 Resp: 12899
Ion Ratio Lower Upper
119 100
91 218.9 63.7 95.5#
134 52.6 16.2 24.4#



#66
Benzyl Chloride
Concen: 0.021 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 91 Resp: 909
Ion Ratio Lower Upper
91 100
126 54.6 15.6 23.4#
128 0.0 4.9 7.3#

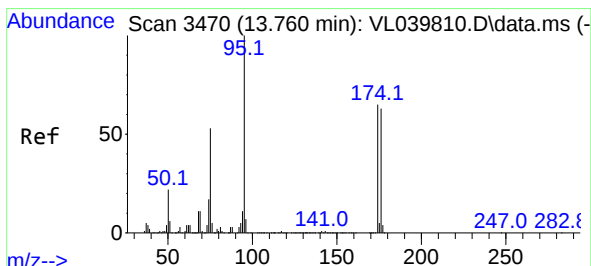
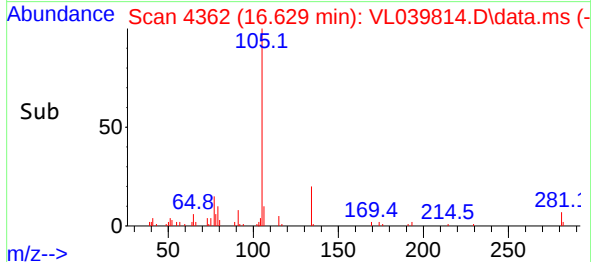
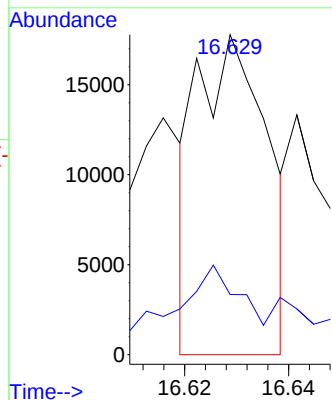
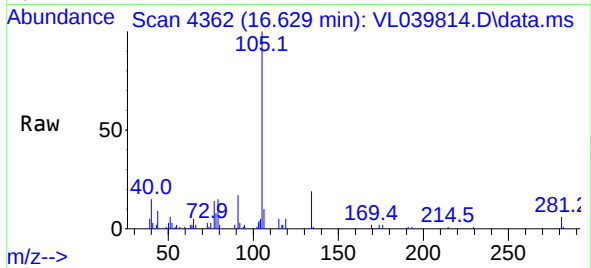




#67
 sec-Butylbenzene
 Concen: 0.033 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

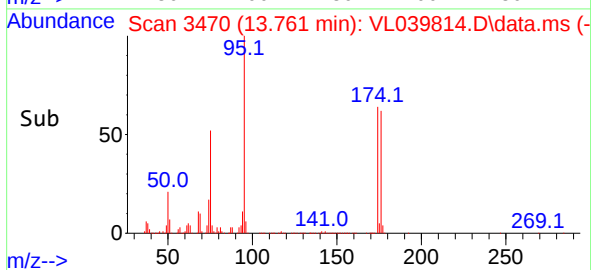
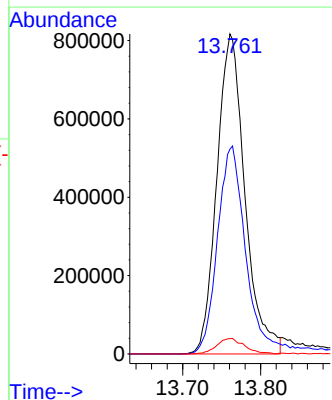
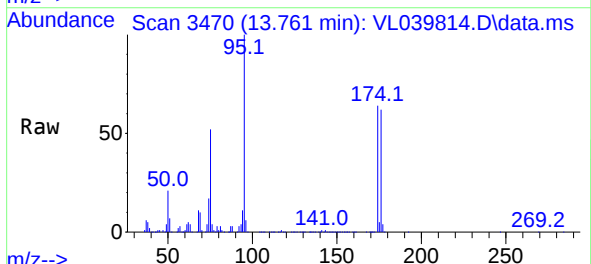
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

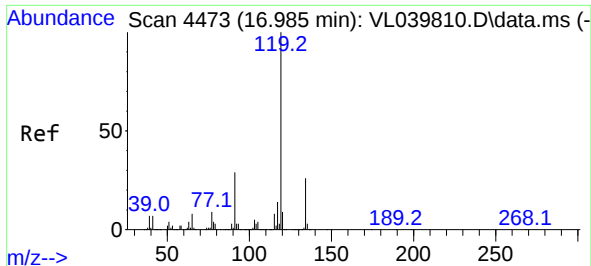
Tgt Ion:105 Resp: 16556
 Ion Ratio Lower Upper
 105 100
 134 56.3 15.1 22.7#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.103 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL039814.D
 Acq: 2 Nov 2022 13:17

Tgt Ion: 95 Resp: 2044111
 Ion Ratio Lower Upper
 95 100
 174 69.4 53.4 80.0
 175 5.0 4.1 6.1

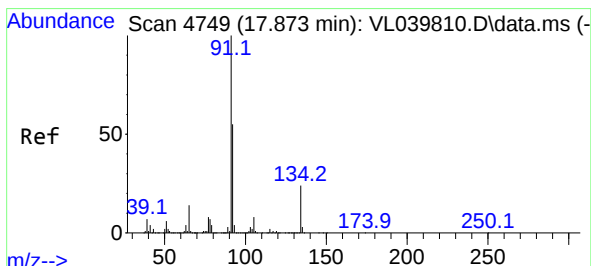
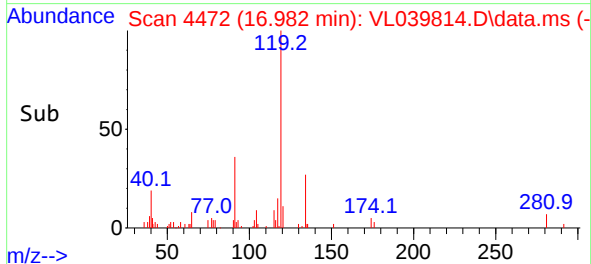
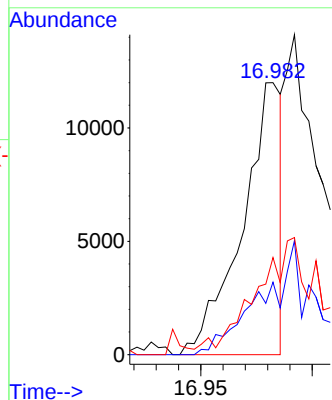
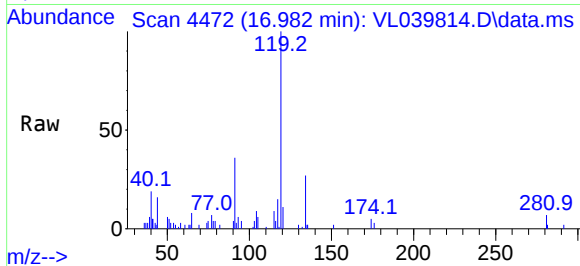




#69
p-Isopropyltoluene
Concen: 0.035 ppbv
RT: 16.982 min Scan# 4473
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

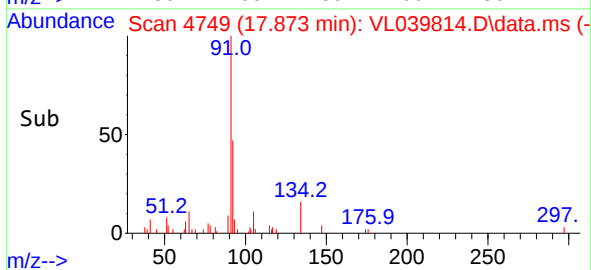
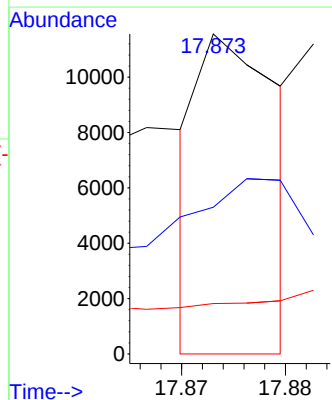
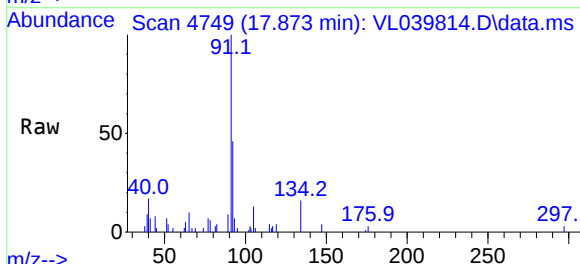
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

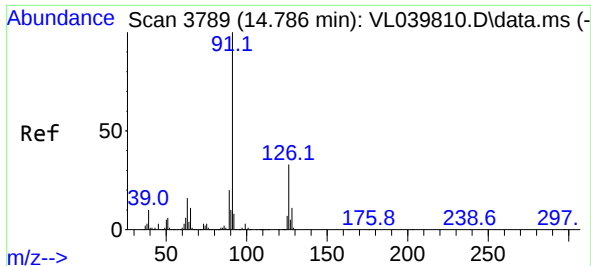
Tgt Ion:119 Resp: 14692
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.6#
91 0.0 22.8 34.2#



#70
n-Butylbenzene
Concen: 0.015 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 91 Resp: 6114
Ion Ratio Lower Upper
91 100
92 295.6 44.1 66.1#
134 0.0 19.0 28.6#

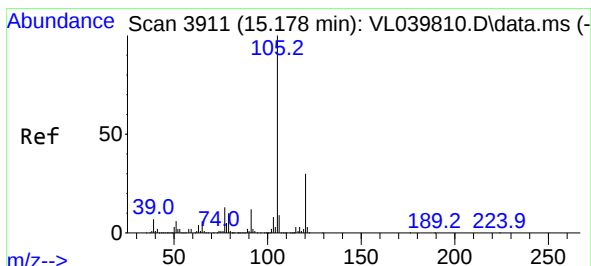
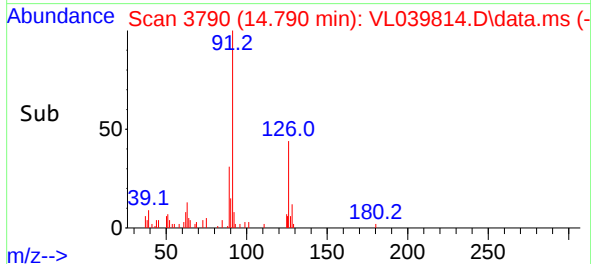
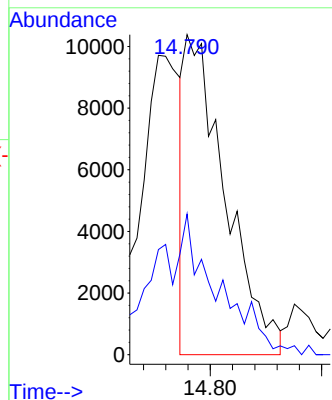
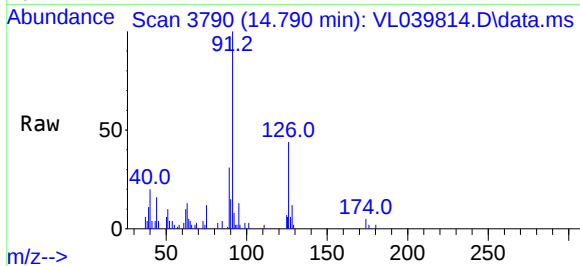




#71
2-Chlorotoluene
Concen: 0.042 ppbv
RT: 14.790 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

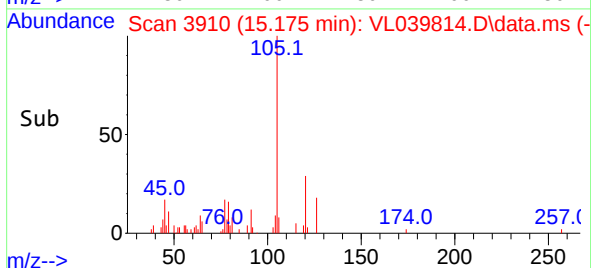
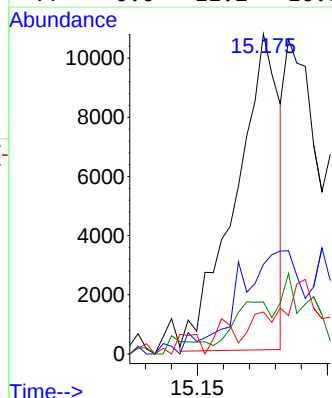
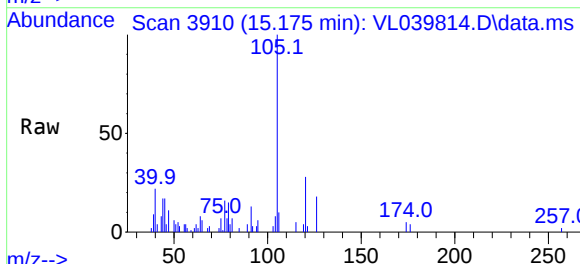
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

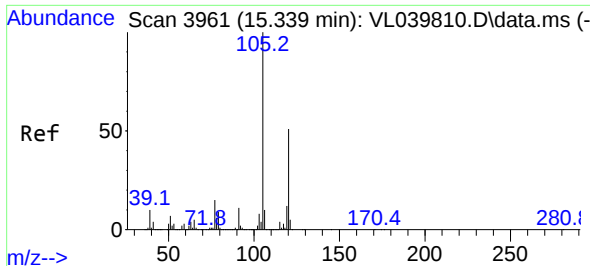
Tgt Ion: 91 Resp: 13173
Ion Ratio Lower Upper
91 100
126 70.4 12.9 51.5#



#72
4-Ethyltoluene
Concen: 0.038 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion: 105 Resp: 12445
Ion Ratio Lower Upper
105 100
120 0.0 26.0 39.0#
91 0.0 10.5 15.7#
77 0.0 11.2 16.8#

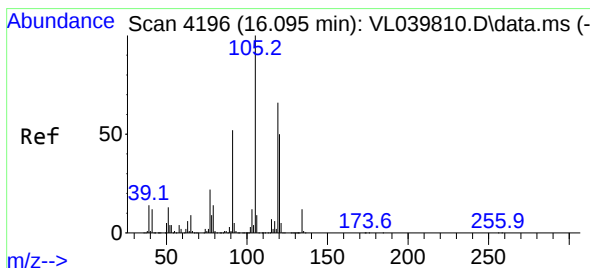
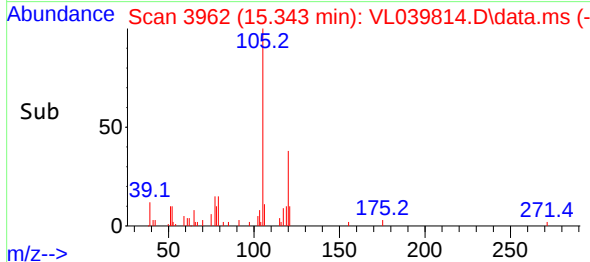
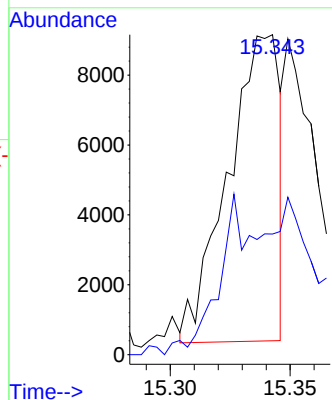
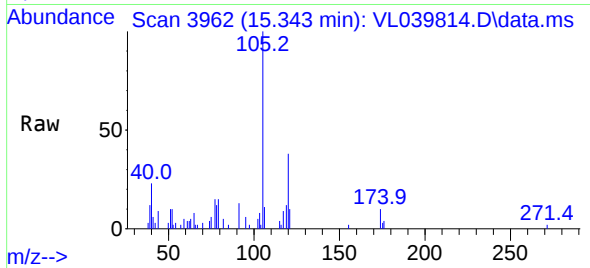




#73
1,3,5-Trimethylbenzene
Concen: 0.046 ppbv
RT: 15.343 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

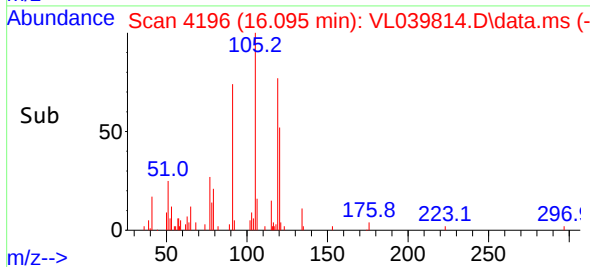
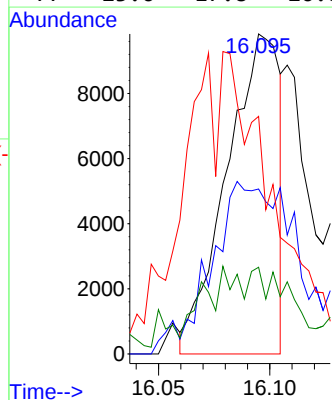
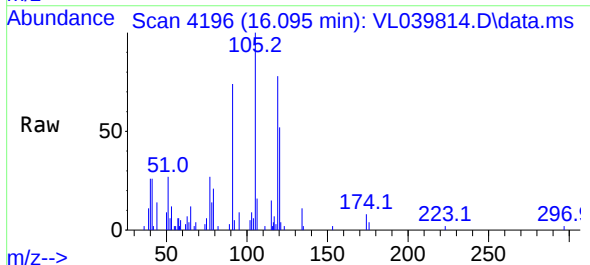
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

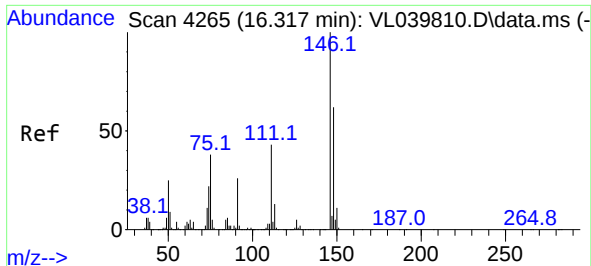
Tgt Ion:105 Resp: 13177
Ion Ratio Lower Upper
105 100
120 46.8 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 0.053 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion:105 Resp: 16097
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.4
91 40.5 42.6 64.0#
77 23.6 17.8 26.8

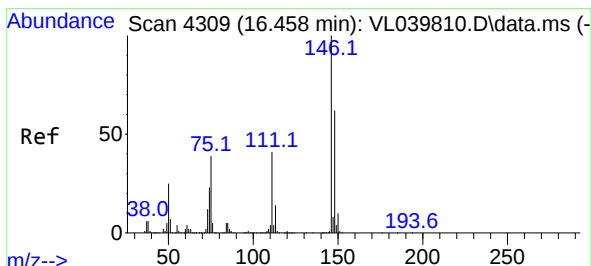
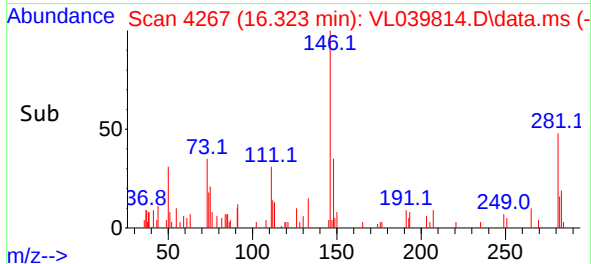
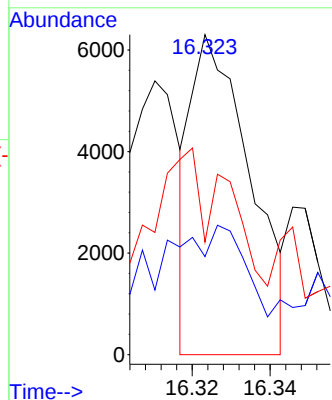
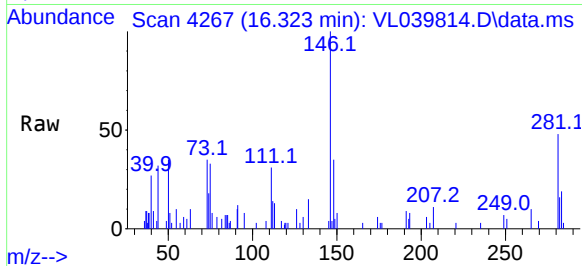




#75
1,3-Dichlorobenzene
Concen: 0.037 ppbv
RT: 16.323 min Scan# 4311
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

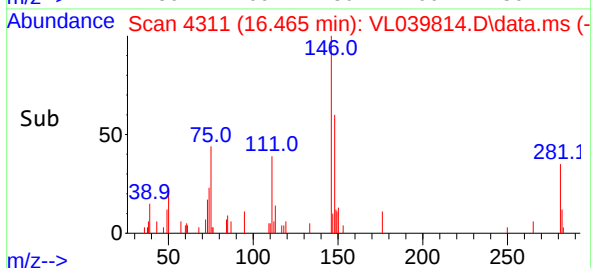
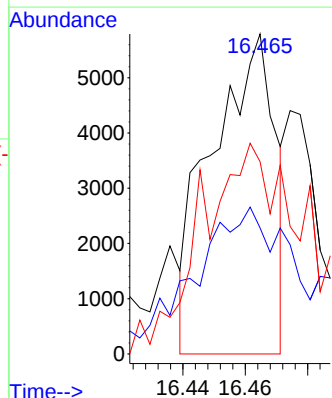
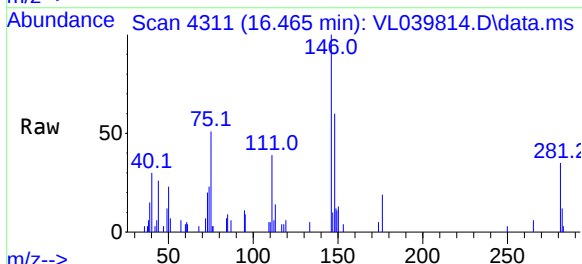
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

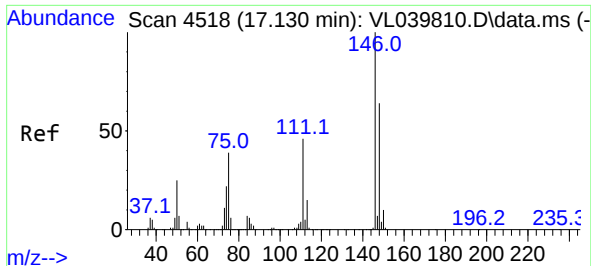
Tgt Ion:146 Resp: 6652
Ion Ratio Lower Upper
146 100
111 100.0 22.9 68.8#
148 157.9 32.3 96.9#



#76
1,4-Dichlorobenzene
Concen: 0.047 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion:146 Resp: 8182
Ion Ratio Lower Upper
146 100
111 94.1 22.7 68.1#
148 113.0 33.1 99.3#

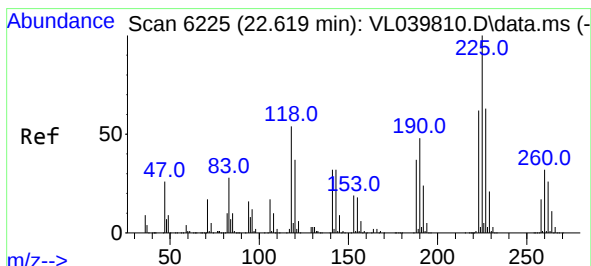
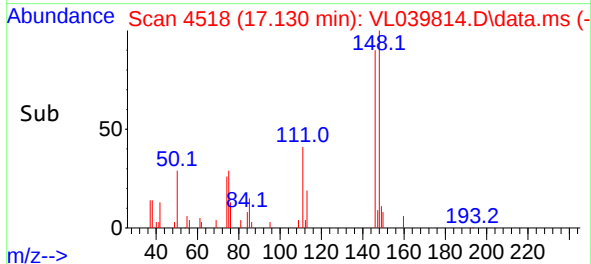
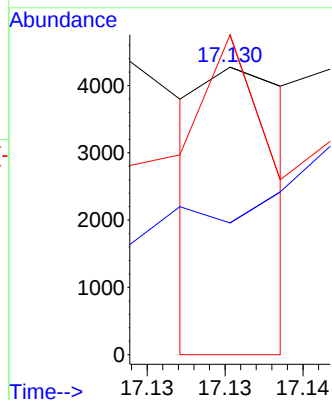
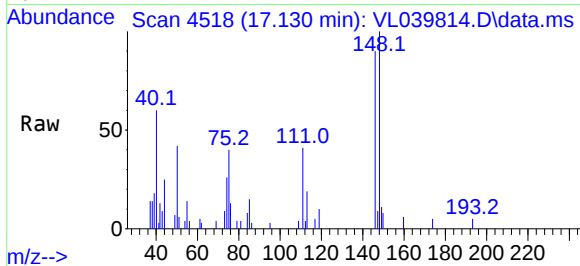




#77
1,2-Dichlorobenzene
Concen: 0.009 ppbv
RT: 17.130 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

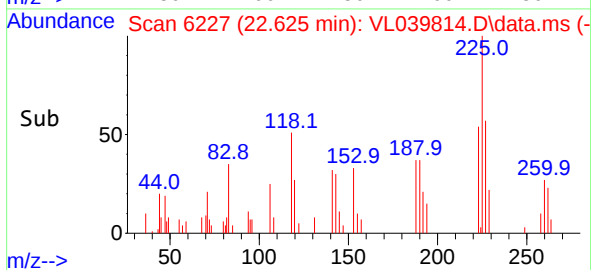
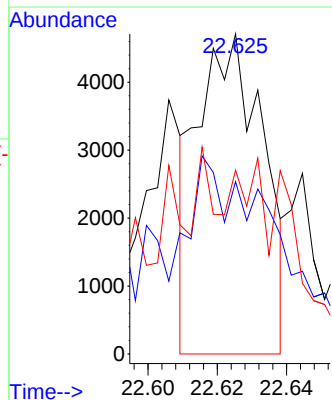
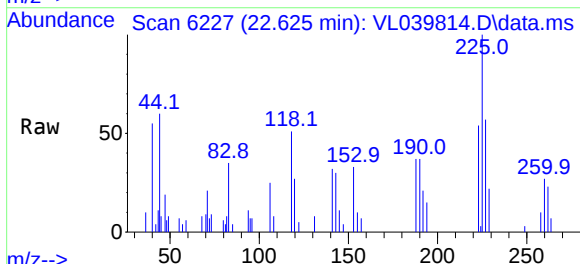
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

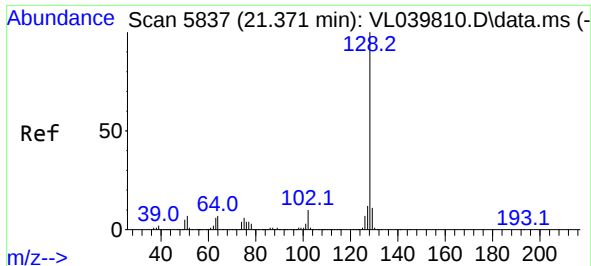
Tgt Ion:146 Resp: 1595
Ion Ratio Lower Upper
146 100
111 0.0 23.9 71.8#
148 589.8 32.4 97.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.049 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion:225 Resp: 6147
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 51.6 77.4#

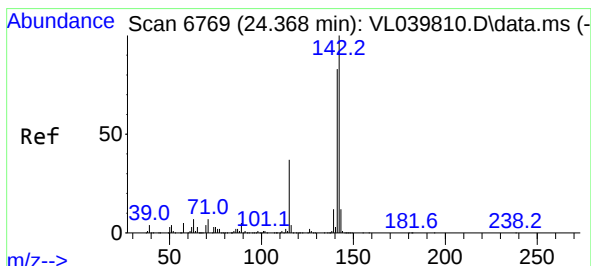
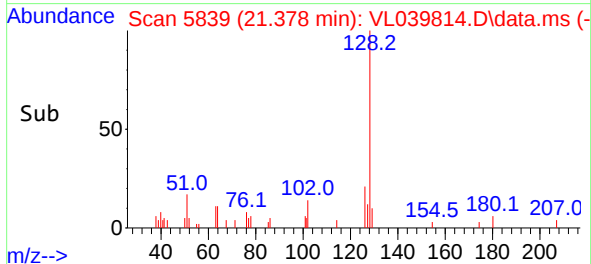
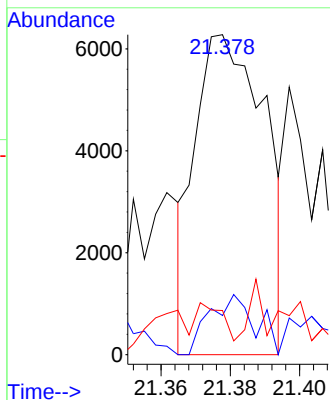
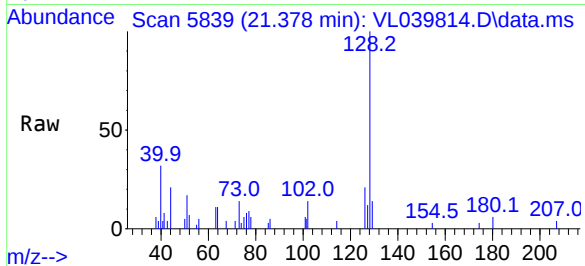




#79
Naphthalene
Concen: 0.039 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

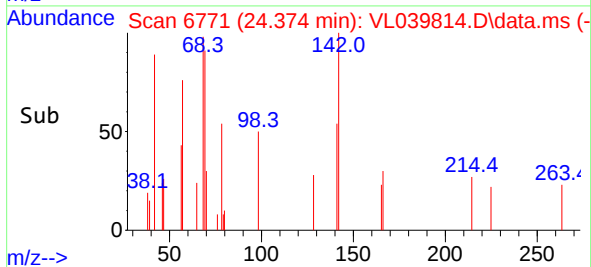
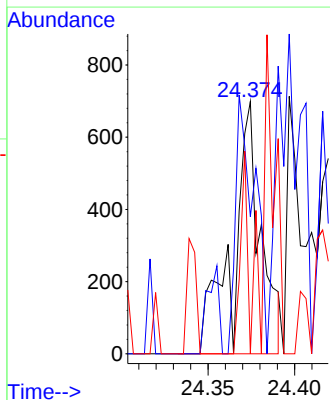
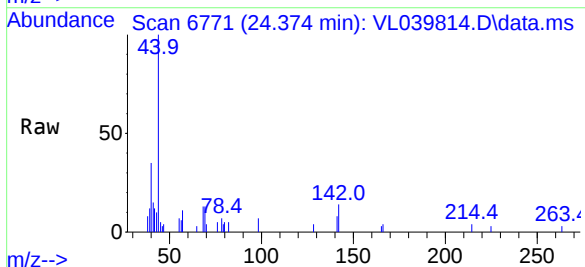
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

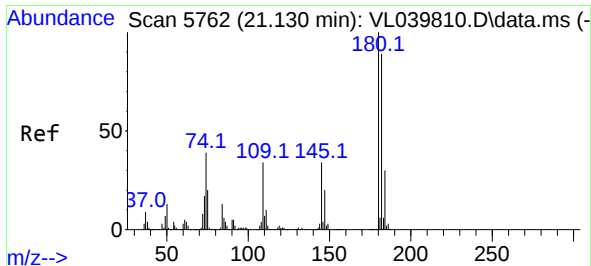
Tgt Ion:128 Resp: 8779
Ion Ratio Lower Upper
128 100
127 23.4 9.8 14.6#
129 0.2 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.008 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

Tgt Ion:142 Resp: 766
Ion Ratio Lower Upper
142 100
141 194.5 65.1 97.7#
115 83.6 29.1 43.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.016 ppbv

RT: 21.127 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL039814.D

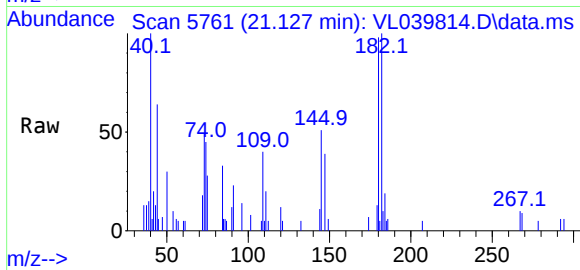
Acq: 2 Nov 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 1991

Ion Ratio Lower Upper

180 100

182 494.5 78.1 117.1#

184 79.6 24.5 36.7#

