

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039813.D
 Acq On : 2 Nov 2022 12:39
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Nov 03 09:14:33 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	1086280	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2957924	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2753224	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.761	95	2067625	10.033	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.742	85	94931	0.518	ppbv	91
3) Chlorodifluoromethane	2.687	51	66774	0.516	ppbv	100
4) Chloromethane	2.822	50	39147	0.485	ppbv	97
5) Vinyl Chloride	2.928	62	31527	0.483	ppbv	90
6) Bromomethane	3.131	94	10091	0.433	ppbv	94
7) Chloroethane	3.211	64	5455	0.223	ppbv	93
8) Dichlorotetrafluoroethane	2.867	85	76454	0.489	ppbv	98
9) Propene	2.706	41	30899	0.458	ppbv	84
10) Heptane	7.571	43	76146	0.471	ppbv	92
11) Trichlorofluoromethane	3.571	101	67620	0.452	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.070	101	51226	0.474	ppbv	95
13) Ethanol	3.263	45	1730	0.363	ppbv #	34
14) Bromoethene	3.375	108	20253	0.419	ppbv #	83
15) Acetone	3.488	43	65246	0.493	ppbv	92
16) 1,3-Butadiene	2.996	39	29013	0.472	ppbv	92
17) tert-Butyl alcohol	3.902	59	51191	0.407	ppbv #	85
18) 1,1-Dichloroethene	3.883	96	21164	0.427	ppbv	92
19) Isopropyl Alcohol	3.578	45	551	0.008	ppbv #	29
20) Methylene Chloride	3.938	84	25223	0.533	ppbv	95
21) Allyl Chloride	3.999	41	43422	0.519	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	22994	0.457	ppbv #	79
23) Vinyl Acetate	4.632	43	19509	0.370	ppbv #	84
24) 1,1-Dichloroethane	4.565	63	38807	0.361	ppbv	99
25) Ethyl Acetate	5.211	43	126518	0.465	ppbv #	92
26) Hexane	5.214	57	60235	0.496	ppbv	95
27) Carbon Disulfide	4.124	76	55688	0.437	ppbv #	44
28) Methyl tert-Butyl Ether	4.603	73	53493	0.487	ppbv	91
29) Chloroform	5.272	83	84037	0.492	ppbv	90
30) Cyclohexane	6.597	84	29755	0.293	ppbv #	37
31) cis-1,2-Dichloroethene	5.073	61	46950	0.424	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	84090	0.495	ppbv	98
34) 2-Butanone	4.799	43	50776	0.416	ppbv #	86
35) Carbon Tetrachloride	6.481	117	48179	0.279	ppbv	91
36) Benzene	6.362	78	121054	0.485	ppbv	96
37) 1,2-Dichloroethane	5.799	62	55390	0.463	ppbv #	92
38) Trichloroethene	7.278	130	35012	0.255	ppbv	92
39) 1,2-Dichloropropane	7.063	63	26494	0.273	ppbv	86
40) 1,4-Dioxane	7.272	88	208	0.006	ppbv #	1
41) Tetrahydrofuran	5.574	42	17942	0.176	ppbv #	7
42) Bromodichloromethane	7.230	83	35585	0.186	ppbv	99
43) Methyl Methacrylate	7.465	69	18371	0.186	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	212897	0.506	ppbv	98
45) t-1,3-Dichloropropene	8.700	75	38703	0.410	ppbv	99

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Quant Time: Nov 03 09:14:33 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

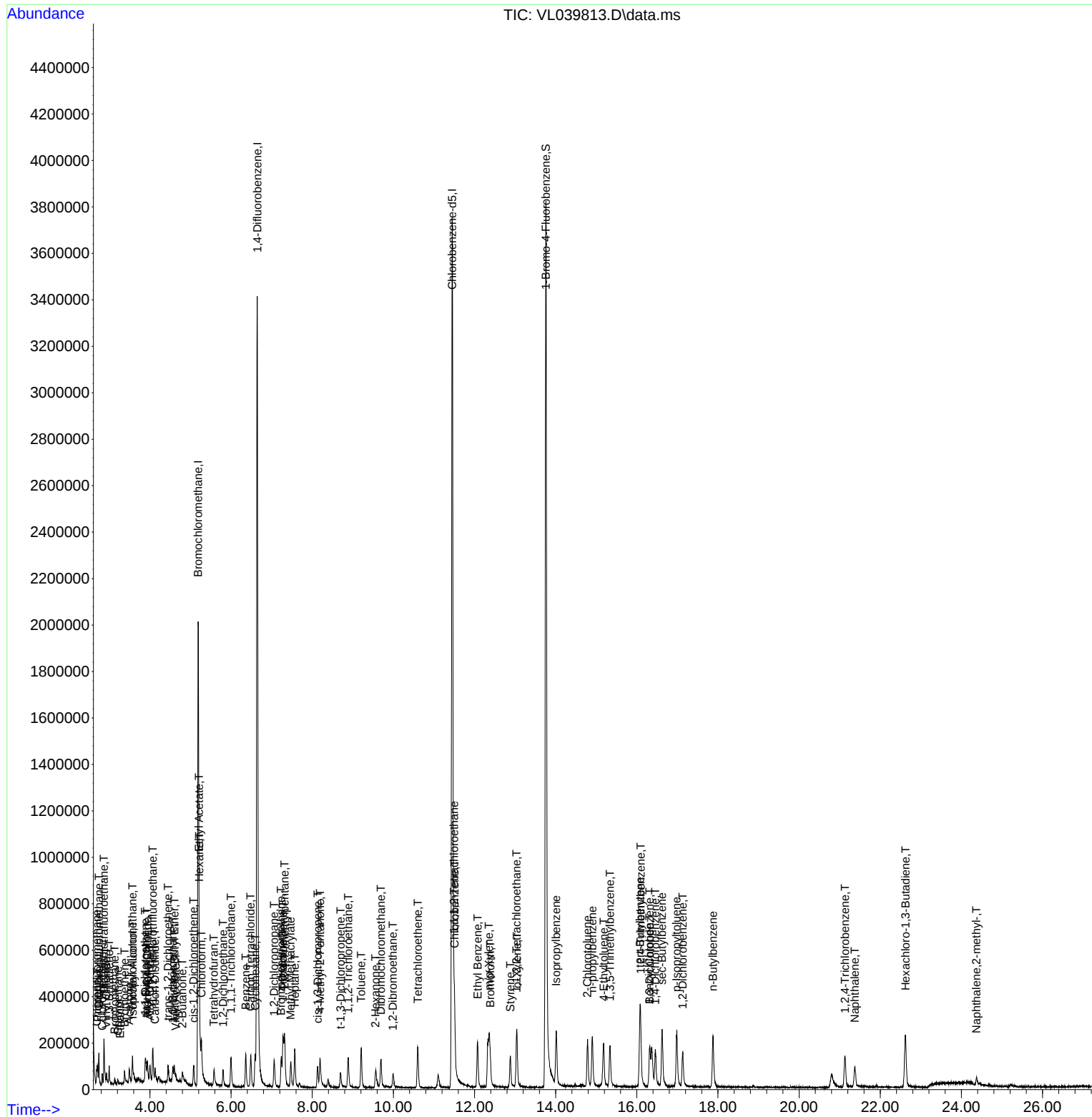
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.134	75	56812	0.441	ppbv	#	93
47) 1,1,2-Trichloroethane	8.889	97	46610	0.473	ppbv	#	95
48) Dibromochloromethane	9.696	129	35241	0.210	ppbv	#	1
49) Bromoform	12.388	173	59669	0.443	ppbv		94
50) 4-Methyl-2-Pentanone	8.192	43	109764	0.439	ppbv		99
51) 2-Hexanone	9.558	43	28894	0.148	ppbv	#	27
52) Tetrachloroethene	10.603	164	43829	0.465	ppbv		90
53) Toluene	9.208	91	140075	0.489	ppbv		98
54) 1,2-Dibromoethane	9.989	107	24044	0.220	ppbv		95
56) 1,1,1,2-Tetrachloroethane	11.497	131	15771	0.134	ppbv	#	1
57) Chlorobenzene	11.507	112	108774	0.521	ppbv	#	87
58) Ethyl Benzene	12.076	91	186489	0.501	ppbv	#	88
59) m/p-Xylene	12.355	91	81008	0.261	ppbv	#	30
60) o-Xylene	13.047	91	152878	0.519	ppbv		99
61) Styrene	12.883	104	86814	0.479	ppbv		99
62) Isopropylbenzene	14.015	105	217942	0.507	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.034	83	48648	0.444	ppbv		83
64) n-propylbenzene	14.902	120	12681	0.110	ppbv	#	1
65) tert-Butylbenzene	16.076	119	194576	0.516	ppbv		97
66) Benzyl Chloride	16.310	91	3134	0.071	ppbv	#	63
67) sec-Butylbenzene	16.622	105	262799	0.512	ppbv		100
69) p-Isopropyltoluene	16.979	119	96543	0.227	ppbv	#	47
70) n-Butylbenzene	17.876	91	200407	0.487	ppbv		98
71) 2-Chlorotoluene	14.783	91	166206	0.515	ppbv		99
72) 4-Ethyltoluene	15.185	105	162307	0.490	ppbv		98
73) 1,3,5-Trimethylbenzene	15.339	105	146436	0.498	ppbv		99
74) 1,2,4-Trimethylbenzene	16.095	105	155871	0.499	ppbv		94
75) 1,3-Dichlorobenzene	16.310	146	36531	0.200	ppbv	#	23
76) 1,4-Dichlorobenzene	16.458	146	4792	0.027	ppbv	#	1
77) 1,2-Dichlorobenzene	17.130	146	84341	0.491	ppbv		95
78) Hexachloro-1,3-Butadiene	22.622	225	66220	0.520	ppbv		94
79) Naphthalene	21.371	128	69783	0.307	ppbv	#	92
80) Naphthalene,2-methyl-	24.371	142	34461	0.358	ppbv		99
81) 1,2,4-Trichlorobenzene	21.133	180	58135	0.458	ppbv		94

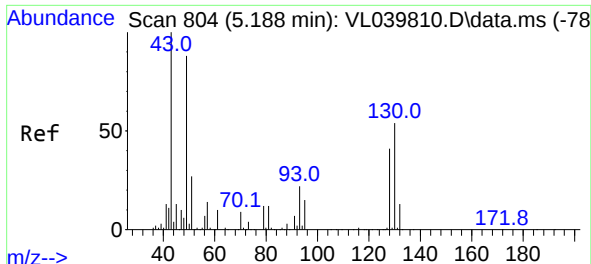
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ClientSampleId :
VSTDICC0.5

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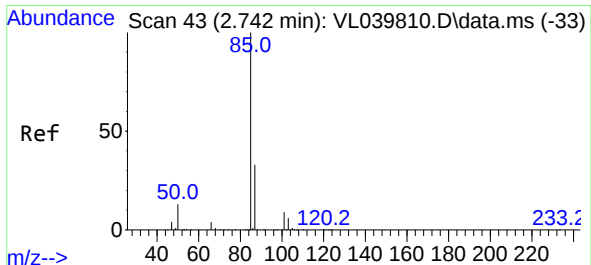
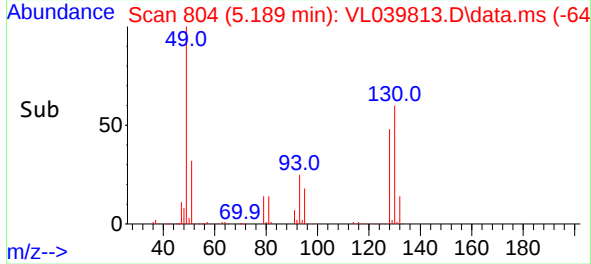
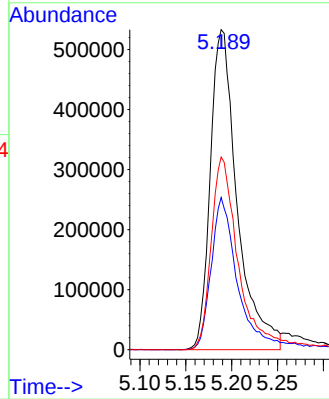
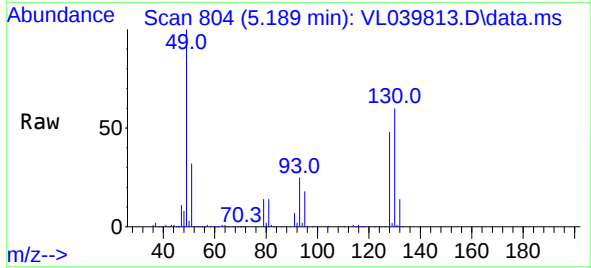




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.001 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

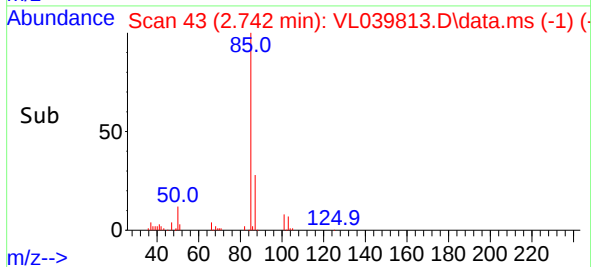
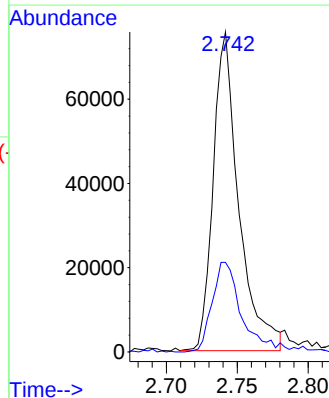
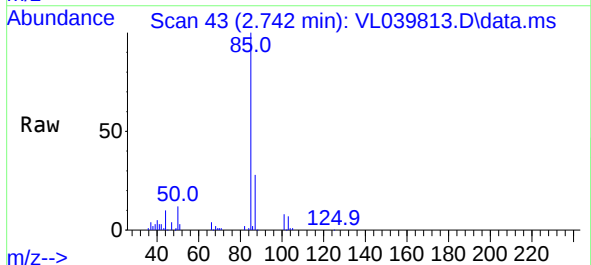
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

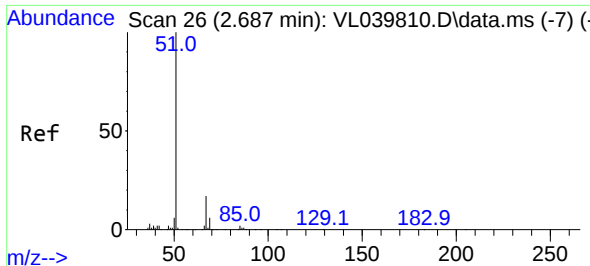
Tgt Ion: 49 Resp: 1086280
Ion Ratio Lower Upper
49 100
128 49.5 24.6 73.6
130 63.3 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.518 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 85 Resp: 94931
Ion Ratio Lower Upper
85 100
87 28.1 26.4 39.6

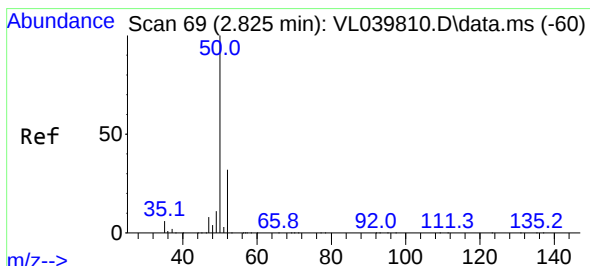
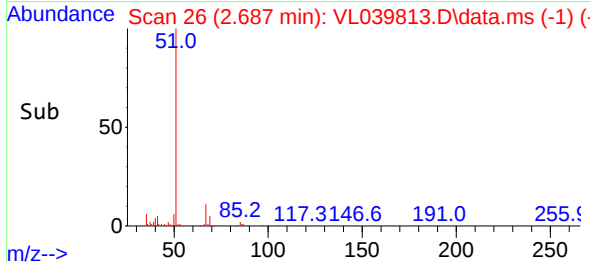
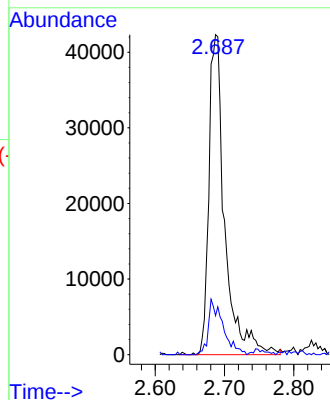
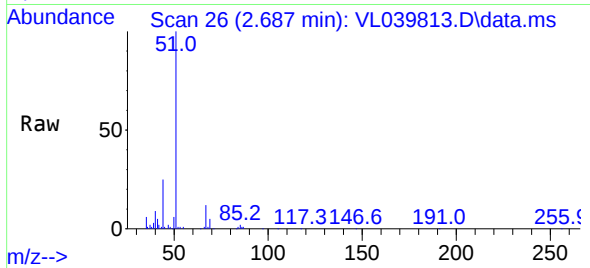




#3
Chlorodifluoromethane
Concen: 0.516 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

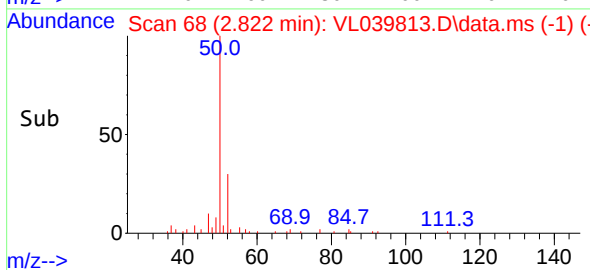
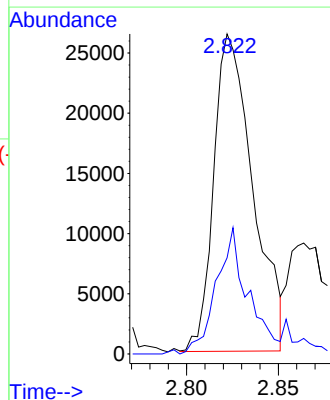
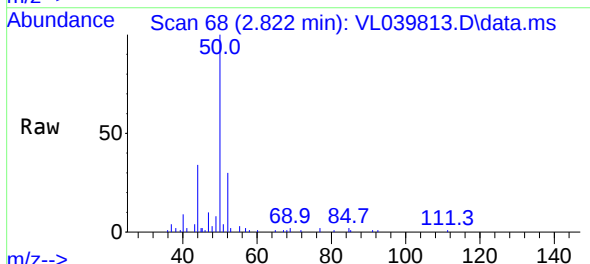
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

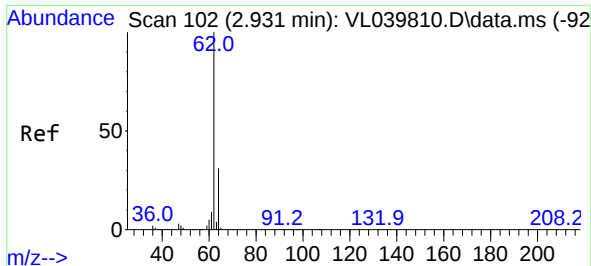
Tgt Ion: 51 Resp: 66774
Ion Ratio Lower Upper
51 100
67 16.3 13.2 19.8



#4
Chloromethane
Concen: 0.485 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 50 Resp: 39147
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

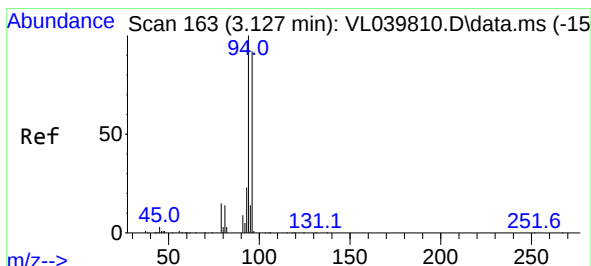
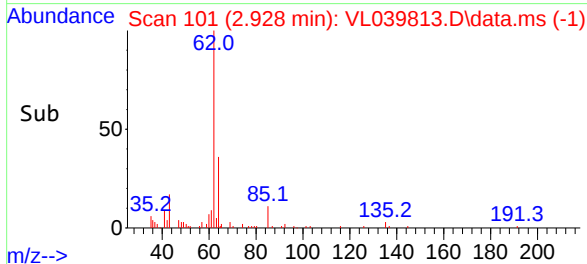
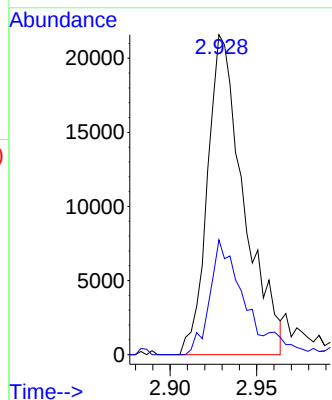
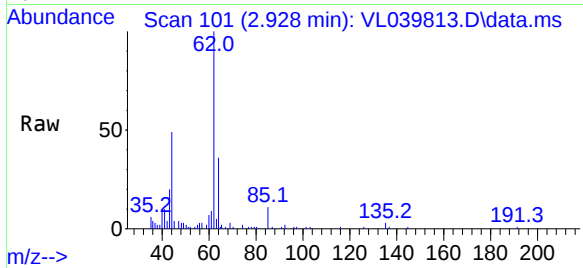




#5
 Vinyl Chloride
 Concen: 0.483 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

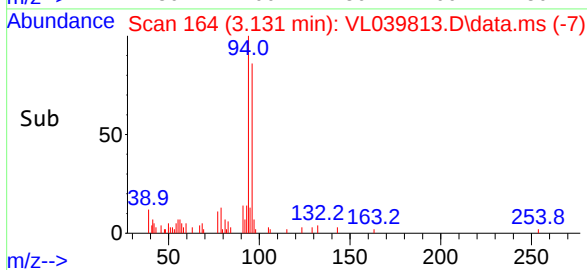
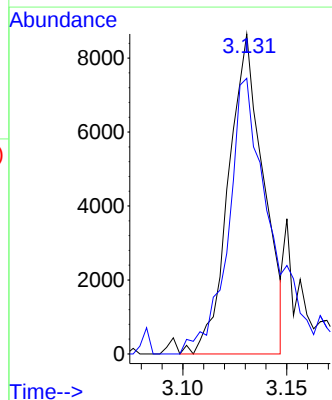
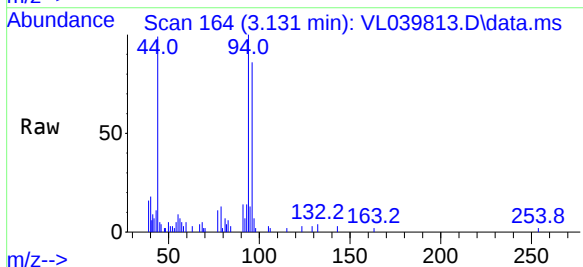
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

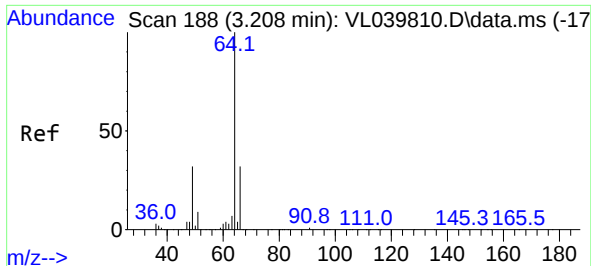
Tgt Ion: 62 Resp: 31527
 Ion Ratio Lower Upper
 62 100
 64 36.8 25.0 37.4



#6
 Bromomethane
 Concen: 0.433 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Tgt Ion: 94 Resp: 10091
 Ion Ratio Lower Upper
 94 100
 96 86.2 73.5 110.3

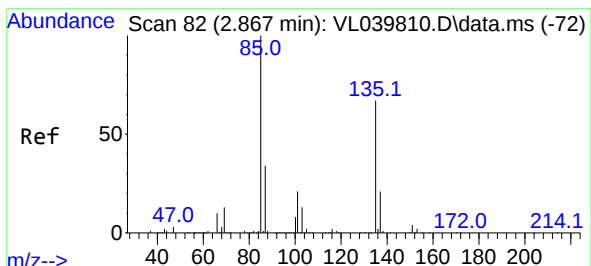
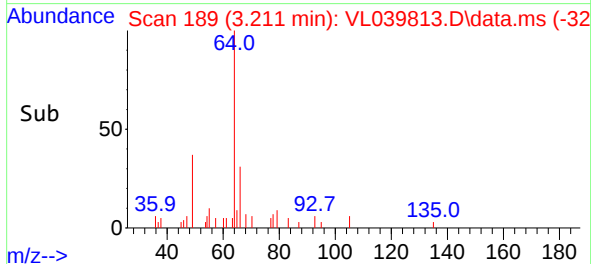
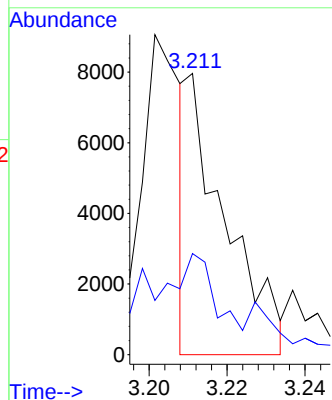
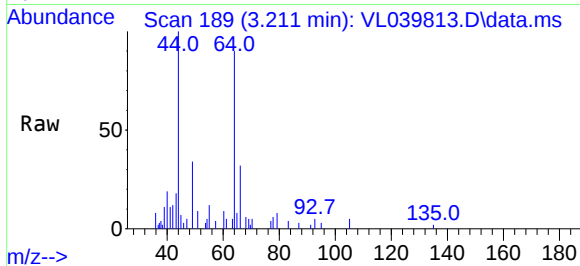




#7
Chloroethane
Concen: 0.223 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

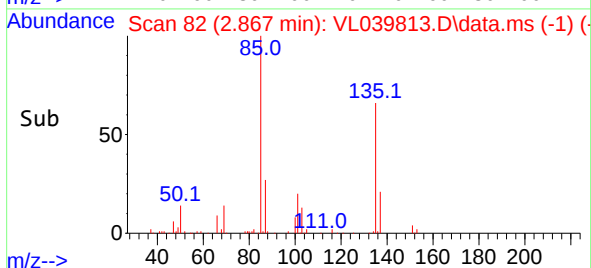
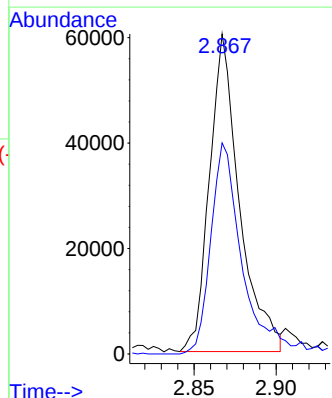
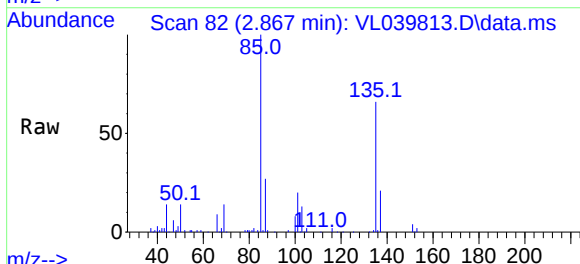
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 5455
Ion Ratio Lower Upper
64 100
66 36.0 25.5 38.3

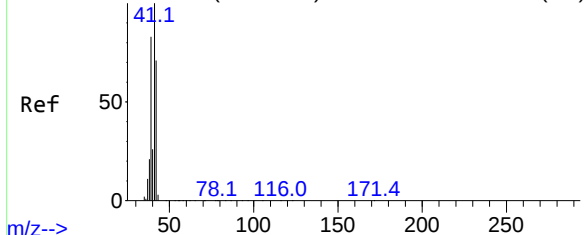


#8
Dichlorotetrafluoroethane
Concen: 0.489 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 85 Resp: 76454
Ion Ratio Lower Upper
85 100
135 72.4 56.7 85.1



Abundance Scan 32 (2.706 min): VL039810.D\data.ms (-24)



#9

Propene

Concen: 0.458 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.5

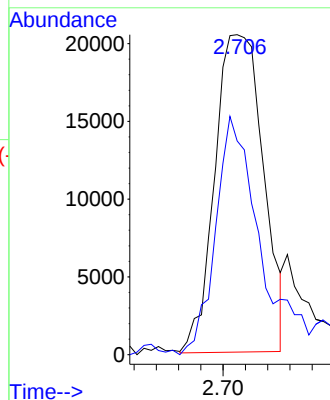
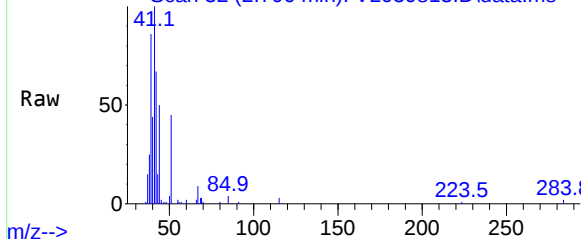
Tgt Ion: 41 Resp: 30899

Ion Ratio Lower Upper

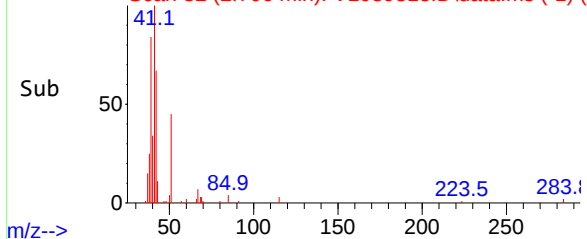
41 100

42 83.6 56.3 84.5

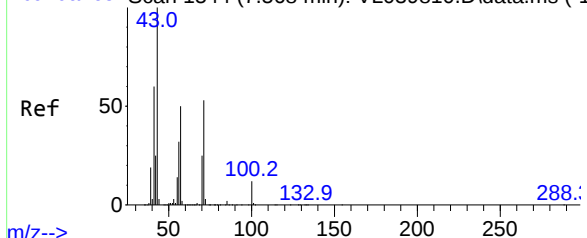
Abundance Scan 32 (2.706 min): VL039813.D\data.ms



Abundance Scan 32 (2.706 min): VL039813.D\data.ms (-1)



Abundance Scan 1544 (7.568 min): VL039810.D\data.ms (-1)



#10

Heptane

Concen: 0.471 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

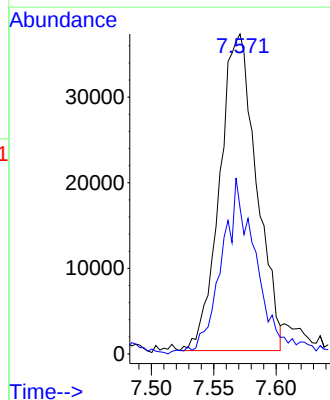
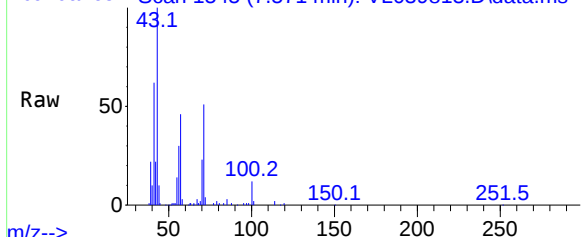
Tgt Ion: 43 Resp: 76146

Ion Ratio Lower Upper

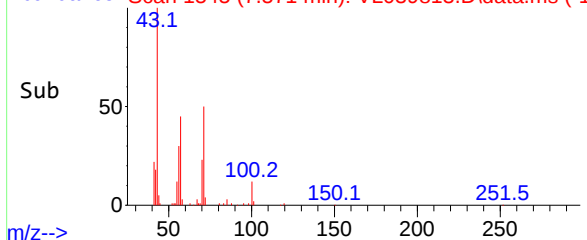
43 100

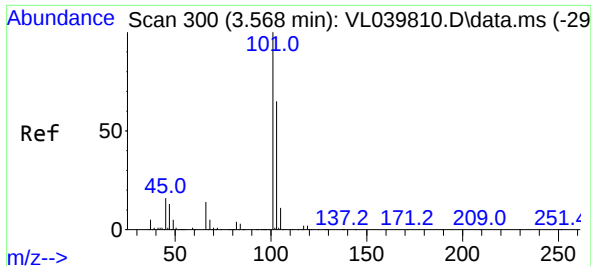
57 55.9 40.5 60.7

Abundance Scan 1545 (7.571 min): VL039813.D\data.ms



Abundance Scan 1545 (7.571 min): VL039813.D\data.ms (-1)

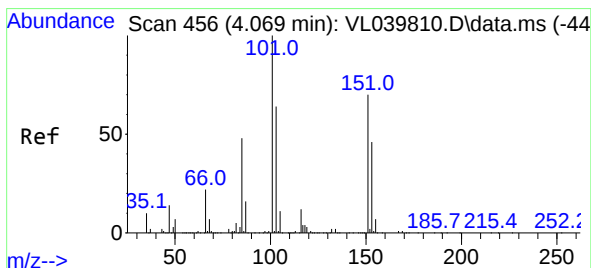
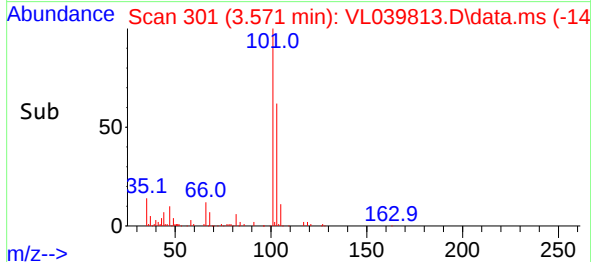
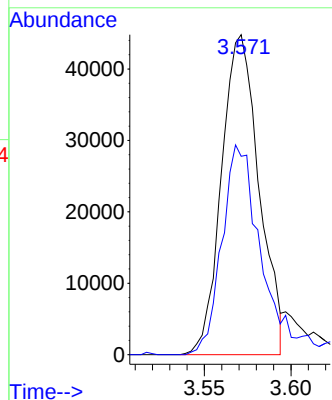
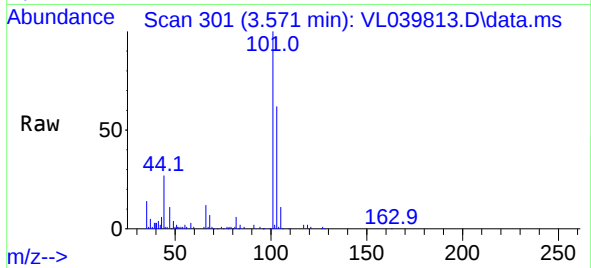




#11
Trichlorofluoromethane
Concen: 0.452 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

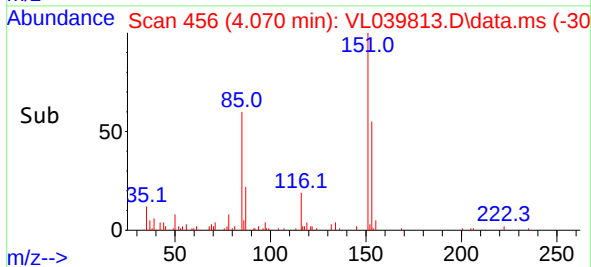
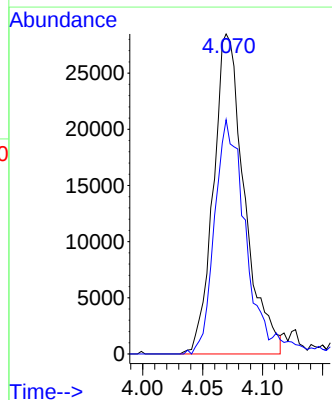
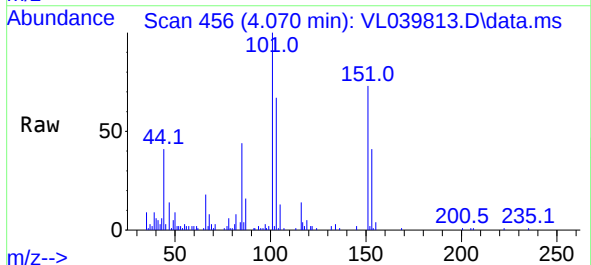
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

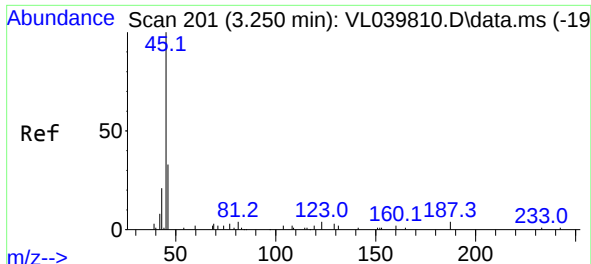
Tgt Ion:101 Resp: 67620
Ion Ratio Lower Upper
101 100
103 62.0 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.474 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:101 Resp: 51226
Ion Ratio Lower Upper
101 100
151 76.0 57.2 85.8

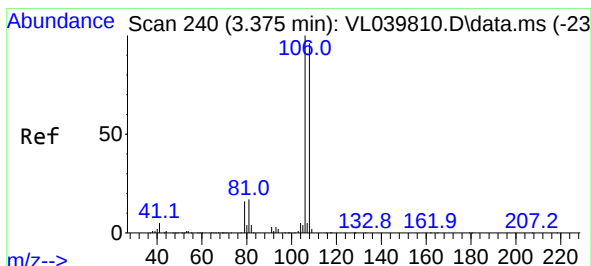
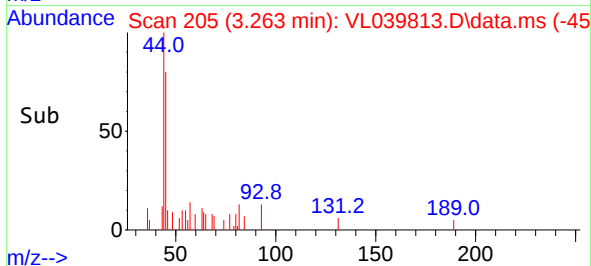
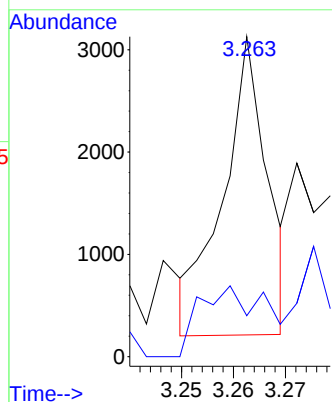
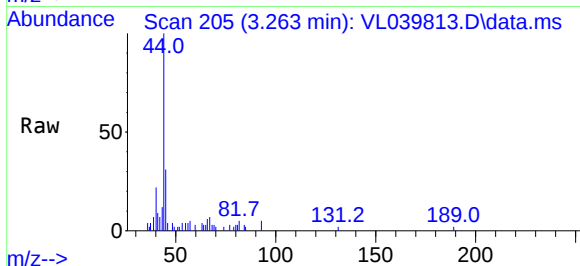




#13
Ethanol
Concen: 0.363 ppbv
RT: 3.263 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

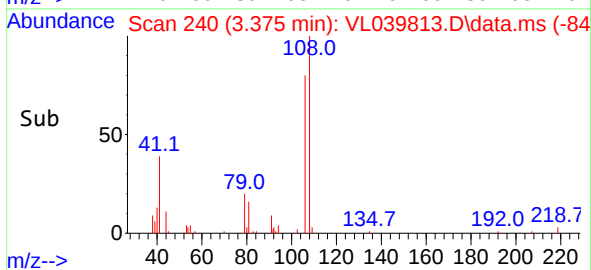
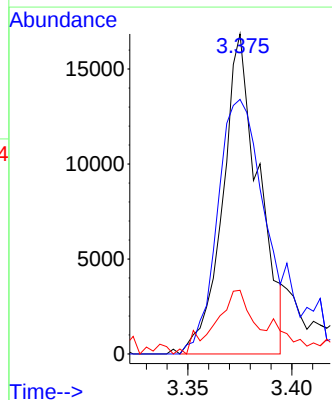
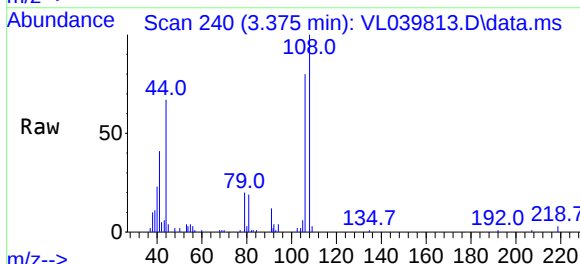
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

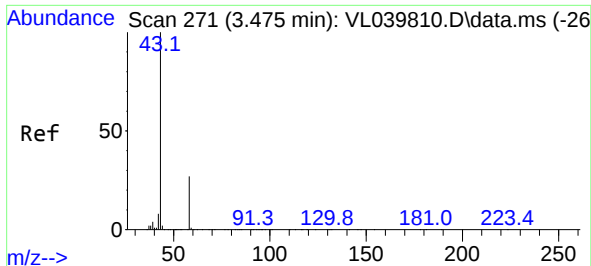
Tgt Ion: 45 Resp: 1730
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#



#14
Bromoethene
Concen: 0.419 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 108 Resp: 20253
Ion Ratio Lower Upper
108 100
106 126.4 87.8 131.8
79 29.9 14.5 21.7#

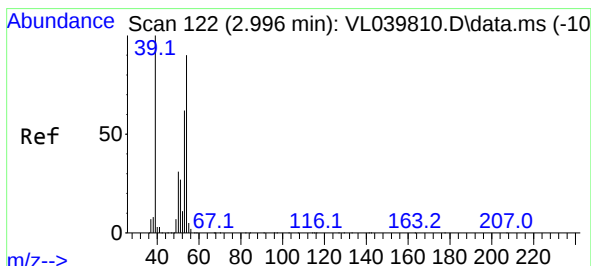
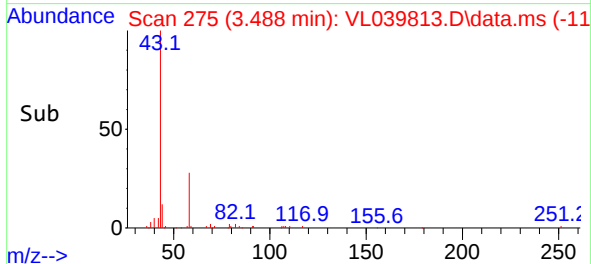
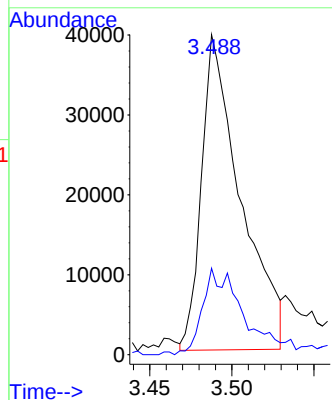
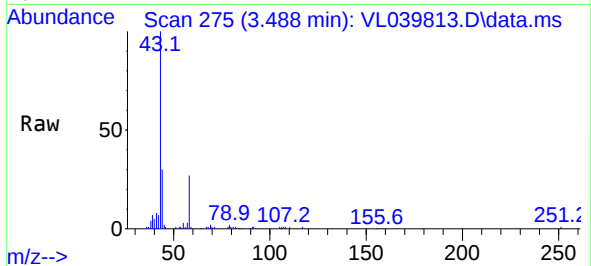




#15
Acetone
Concen: 0.493 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

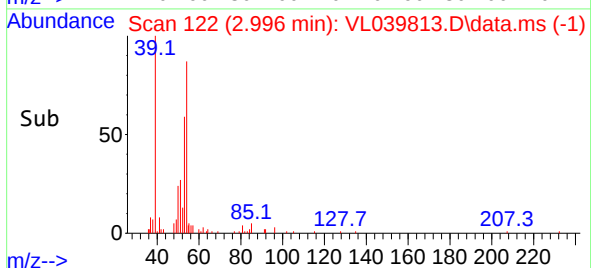
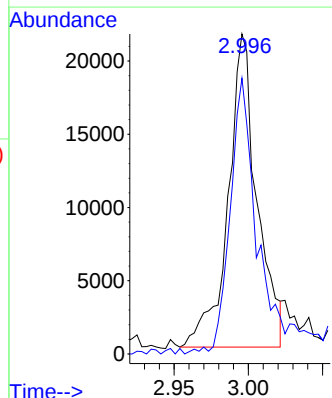
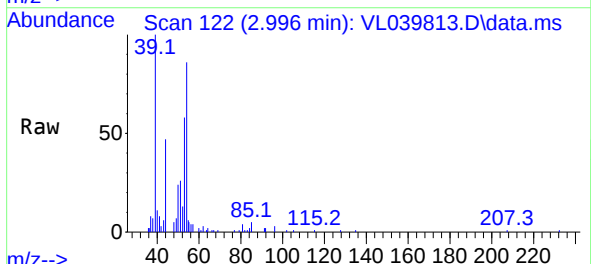
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

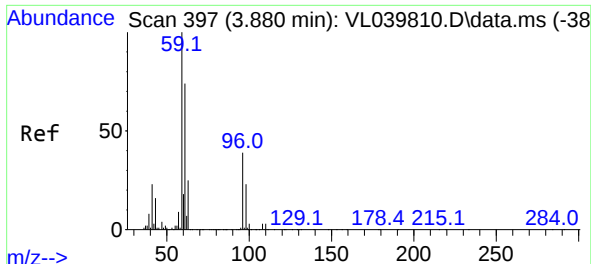
Tgt Ion: 43 Resp: 65246
Ion Ratio Lower Upper
43 100
58 33.5 23.2 34.8



#16
1,3-Butadiene
Concen: 0.472 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 39 Resp: 29013
Ion Ratio Lower Upper
39 100
54 96.5 71.0 106.4





#17

tert-Butyl alcohol

Concen: 0.407 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.023 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

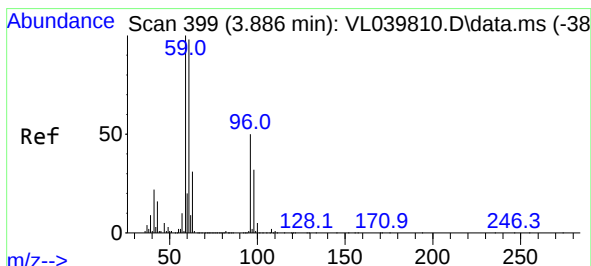
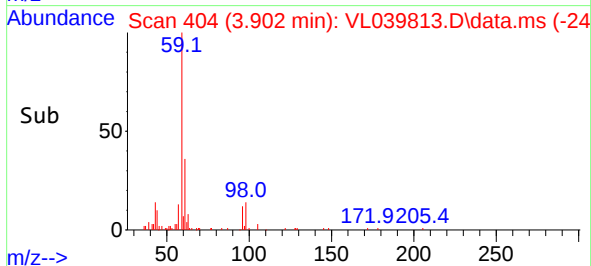
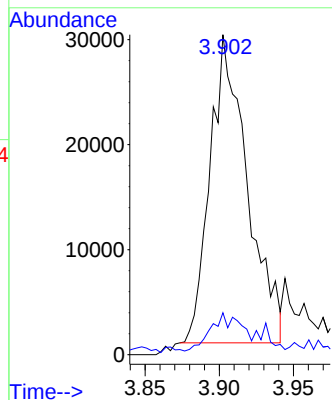
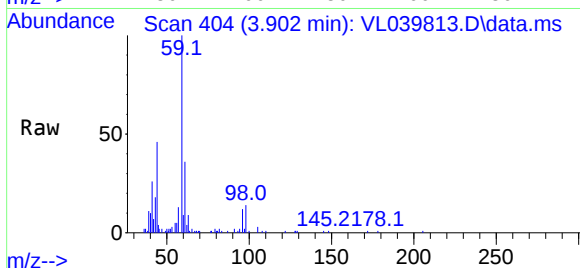
VSTDIC0.5

Tgt Ion: 59 Resp: 51191

Ion Ratio Lower Upper

59 100

57 17.1 9.0 13.6#



#18

1,1-Dichloroethene

Concen: 0.427 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

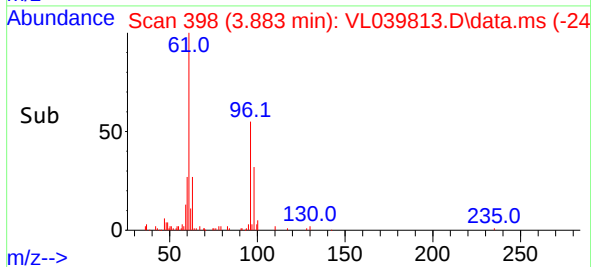
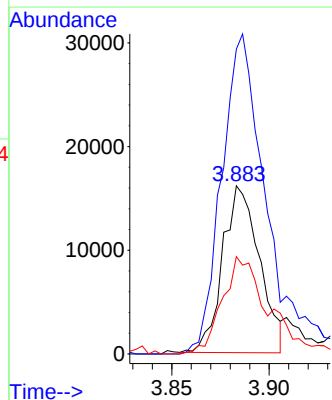
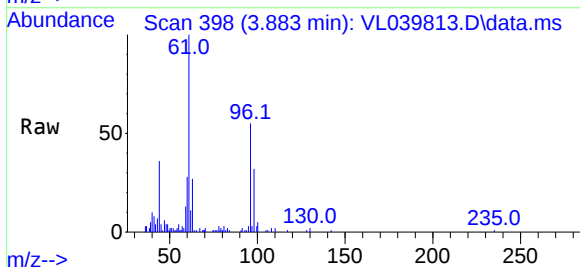
Tgt Ion: 96 Resp: 21164

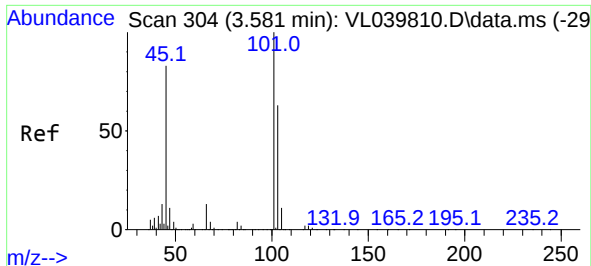
Ion Ratio Lower Upper

96 100

61 183.1 156.9 235.3

98 58.5 50.6 75.8

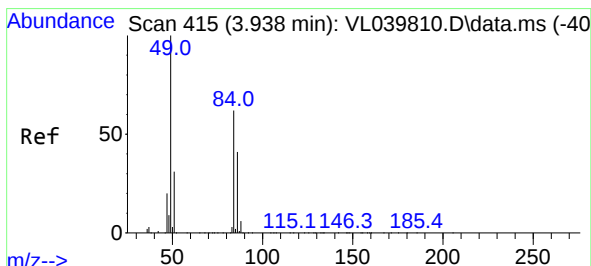
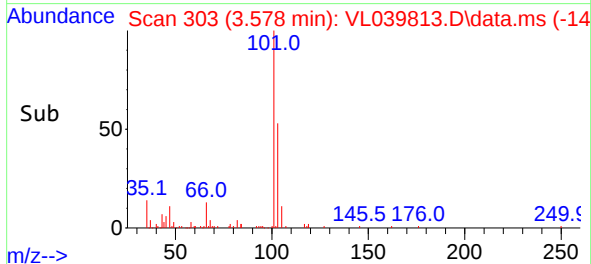
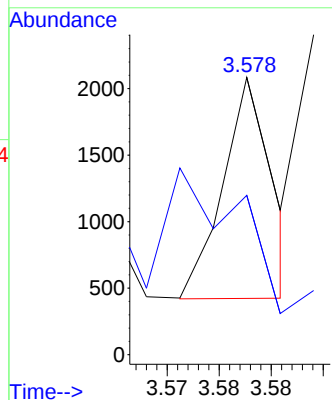
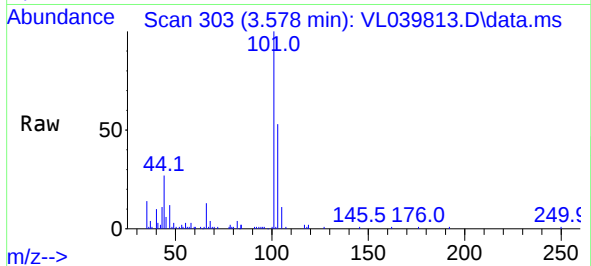




#19
Isopropyl Alcohol
Concen: 0.008 ppbv
RT: 3.578 min Scan# 304
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

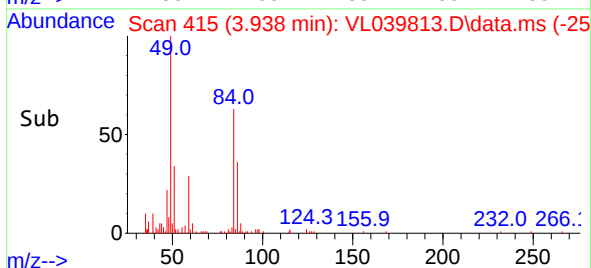
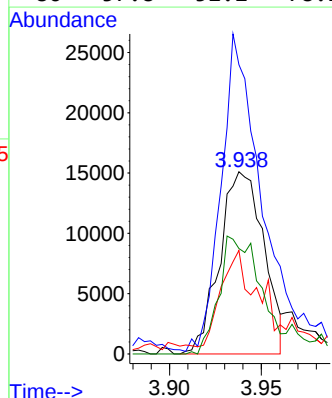
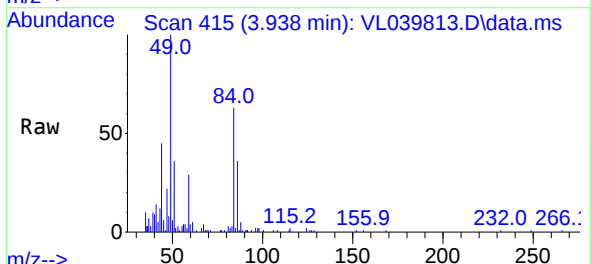
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

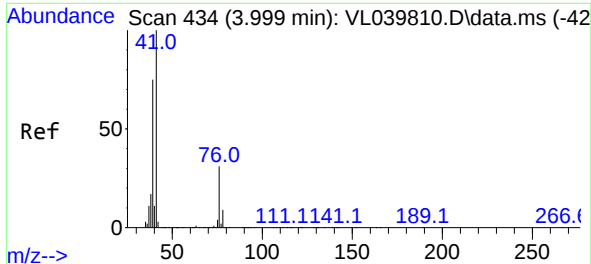
Tgt Ion: 45 Resp: 551
Ion Ratio Lower Upper
45 100
58 0.0 38.3 57.5#



#20
Methylene Chloride
Concen: 0.533 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 84 Resp: 25223
Ion Ratio Lower Upper
84 100
49 156.4 128.6 192.8
51 54.9 40.2 60.4
86 57.8 52.2 78.2





#21

Allyl Chloride

Concen: 0.519 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

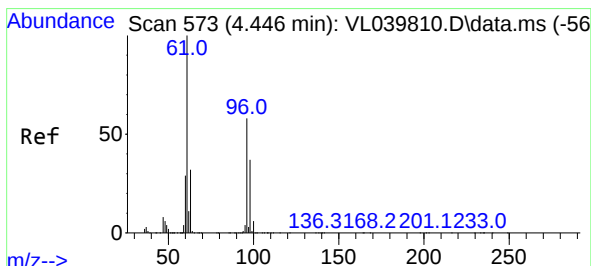
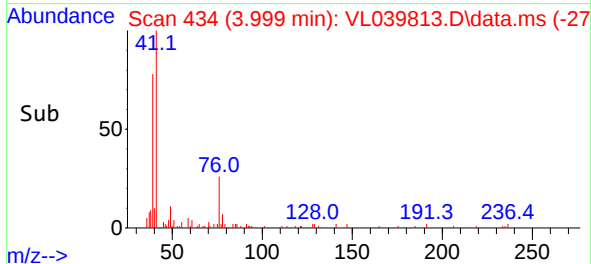
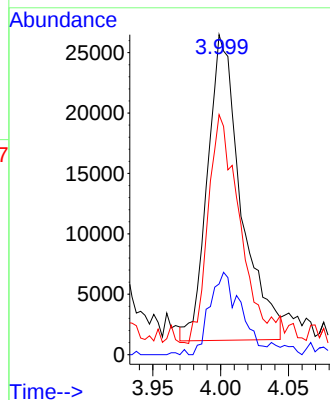
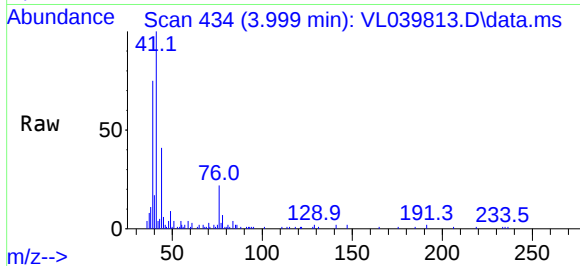
Tgt Ion: 41 Resp: 43422

Ion Ratio Lower Upper

41 100

76 28.2 24.1 36.1

39 79.4 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 0.457 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

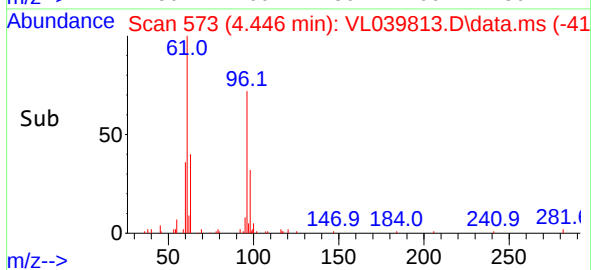
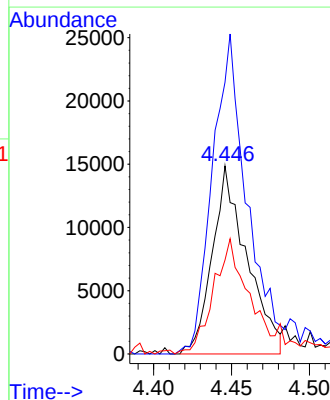
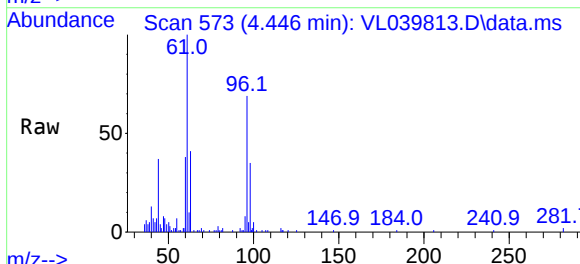
Tgt Ion: 96 Resp: 22994

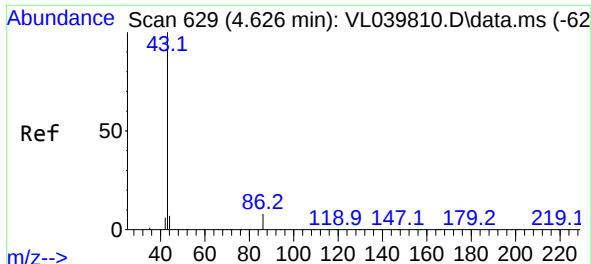
Ion Ratio Lower Upper

96 100

61 142.6 137.6 206.4

98 48.4 51.2 76.8#



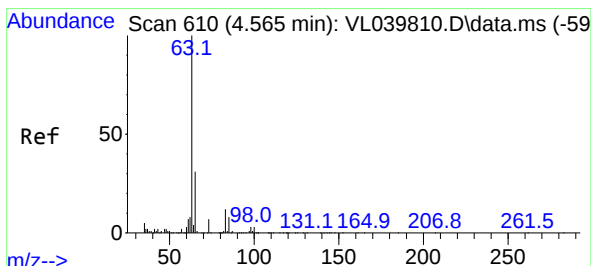
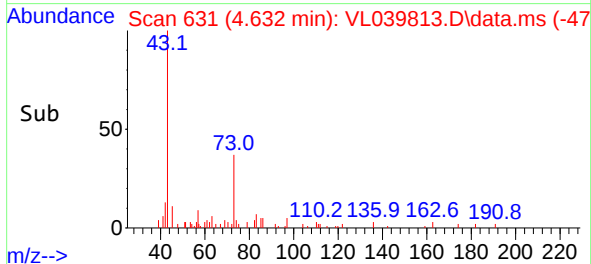
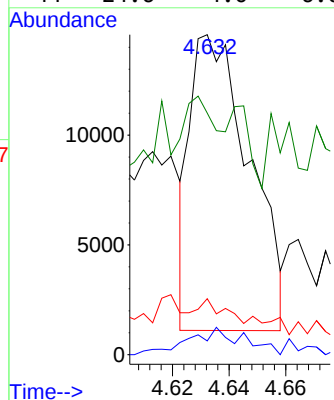
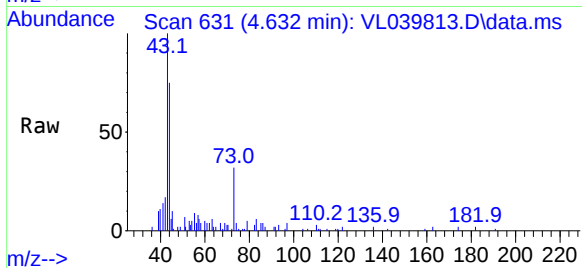


#23
 Vinyl Acetate
 Concen: 0.370 ppbv
 RT: 4.632 min Scan# 610
 Delta R.T. 0.007 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 19509

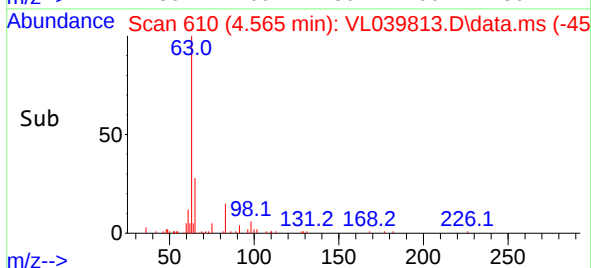
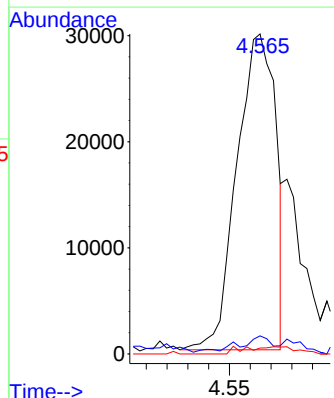
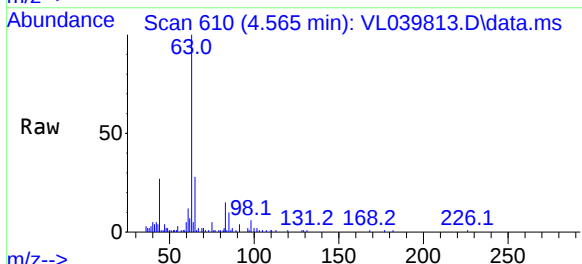
Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.0	7.4
42	7.9	6.8	10.2
44	24.6	4.0	6.0

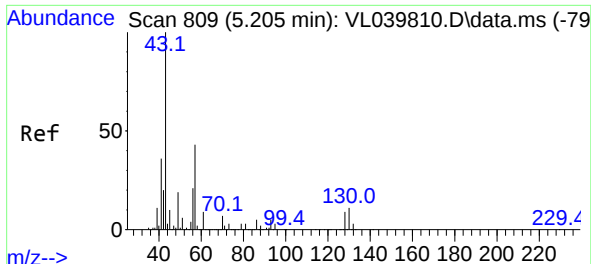


#24
 1,1-Dichloroethane
 Concen: 0.361 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Tgt Ion: 63 Resp: 38807

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.8	5.4
100	1.9	1.5	4.4



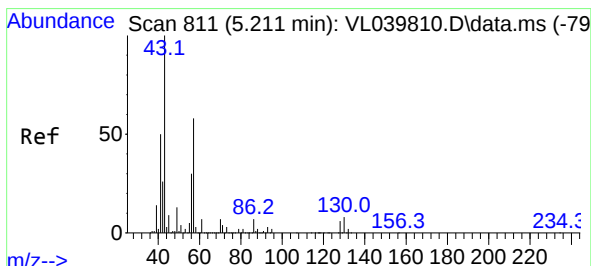
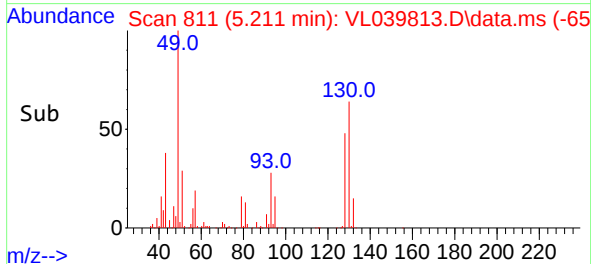
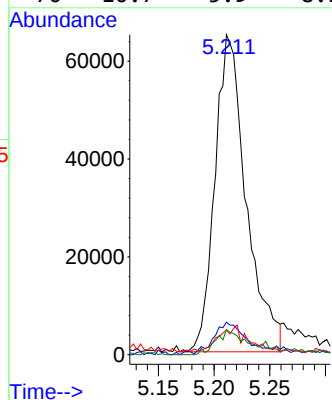
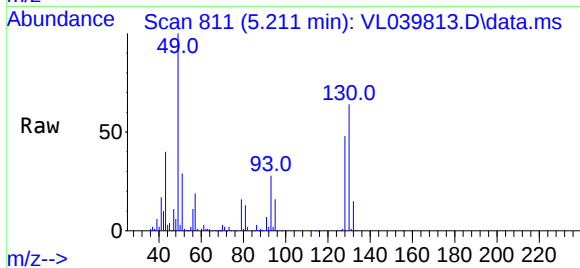


#25
Ethyl Acetate
Concen: 0.465 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.007 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 126518

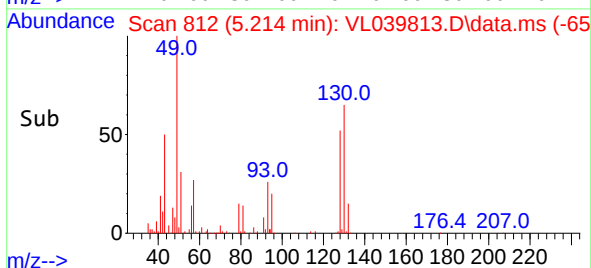
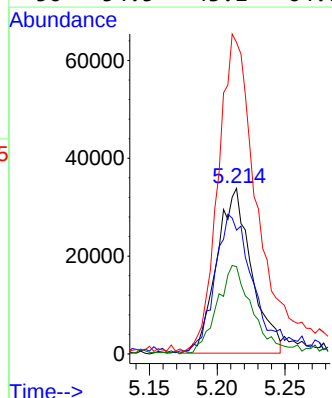
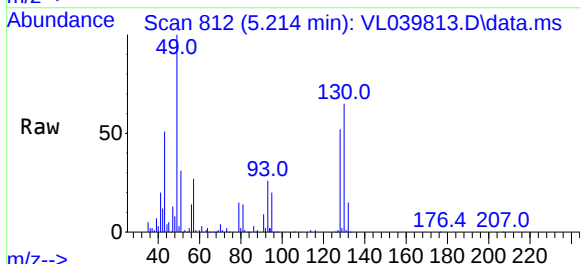
Ion	Ratio	Lower	Upper
43	100		
45	12.8	8.2	12.2#
61	12.9	8.1	12.1#
70	10.7	5.9	8.9#

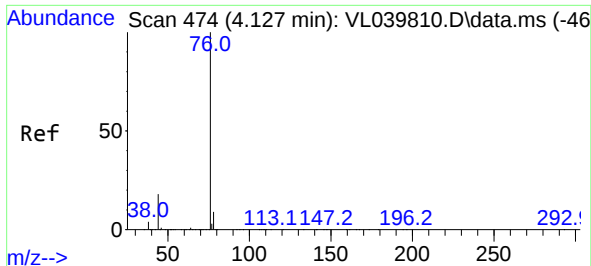


#26
Hexane
Concen: 0.496 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 57 Resp: 60235

Ion	Ratio	Lower	Upper
57	100		
41	100.4	73.7	110.5
43	229.8	189.8	284.8
56	54.5	43.1	64.7

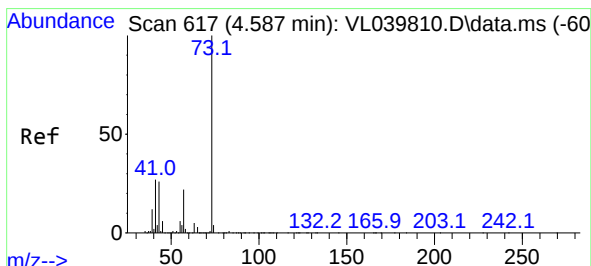
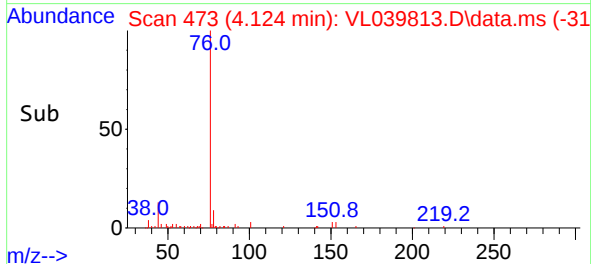
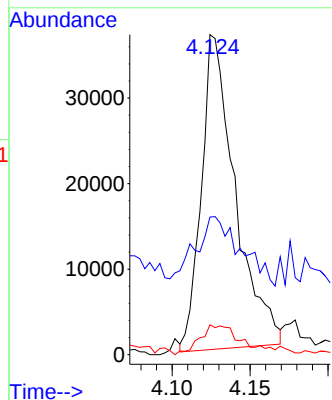
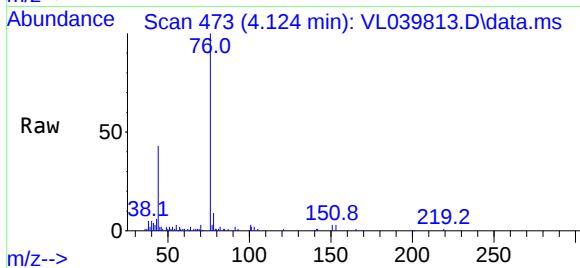




#27
Carbon Disulfide
Concen: 0.437 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

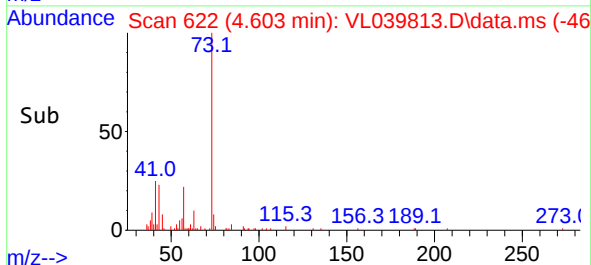
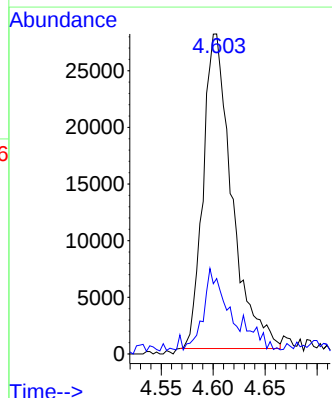
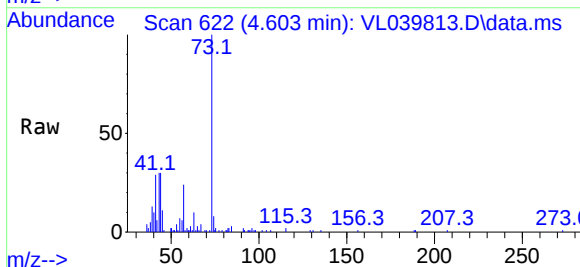
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

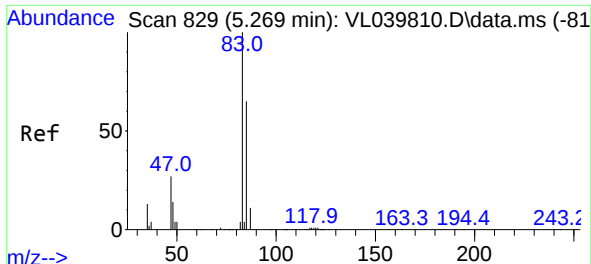
Tgt Ion: 76 Resp: 55688
Ion Ratio Lower Upper
76 100
44 53.8 14.6 22.0#
78 12.8 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.487 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.016 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 73 Resp: 53493
Ion Ratio Lower Upper
73 100
57 28.9 19.4 29.2





#29

Chloroform

Concen: 0.492 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

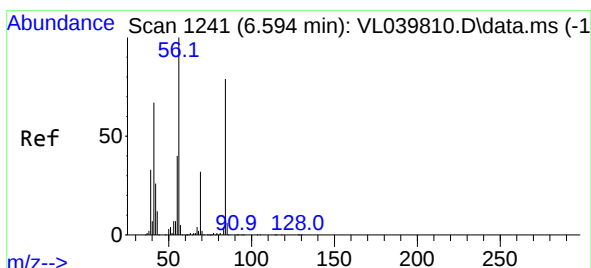
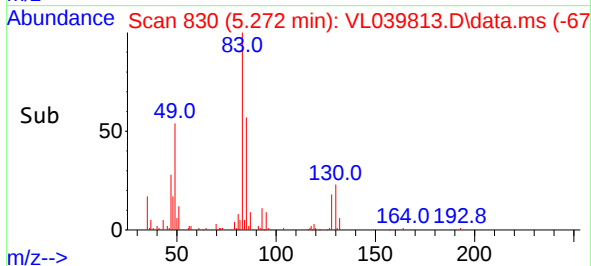
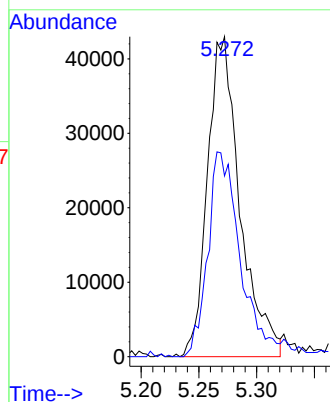
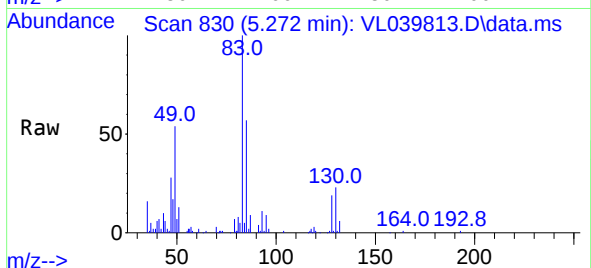
VSTDICC0.5

Tgt Ion: 83 Resp: 84037

Ion Ratio Lower Upper

83 100

85 56.5 51.6 77.4



#30

Cyclohexane

Concen: 0.293 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

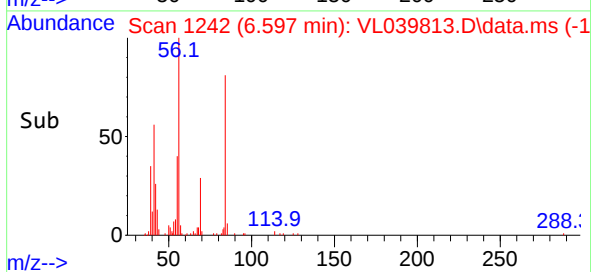
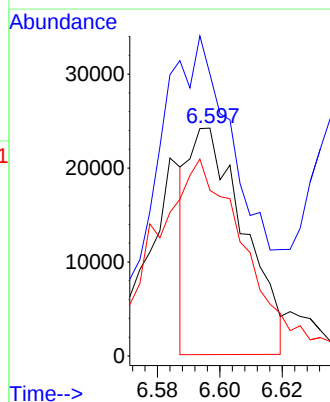
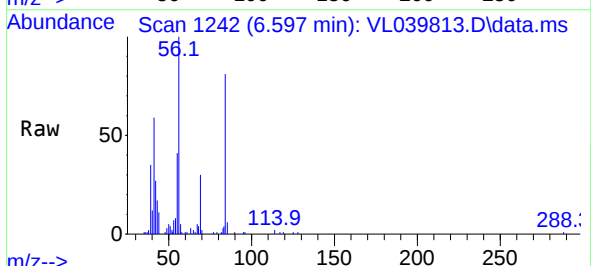
Tgt Ion: 84 Resp: 29755

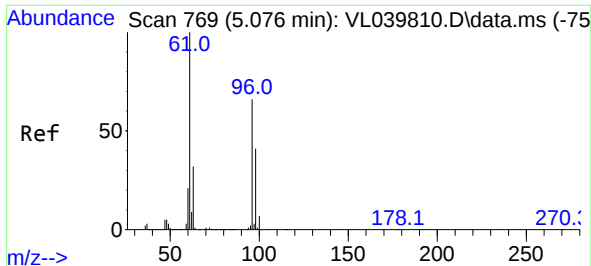
Ion Ratio Lower Upper

84 100

56 217.8 114.8 172.2#

41 147.5 68.6 103.0#

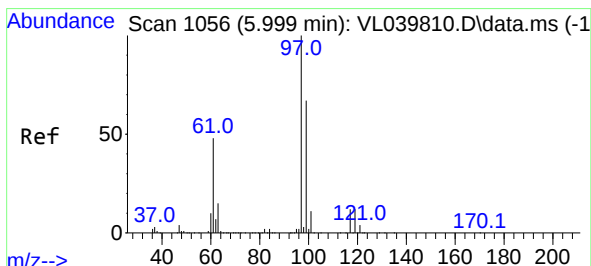
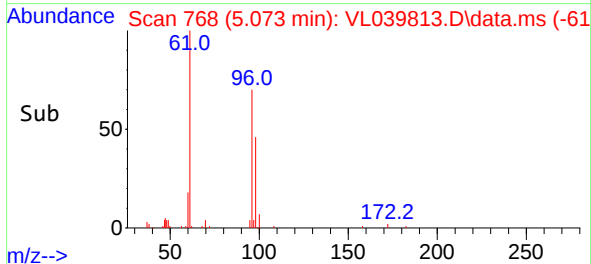
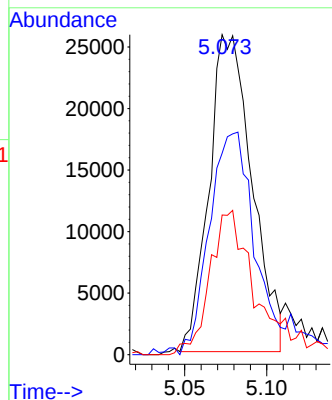
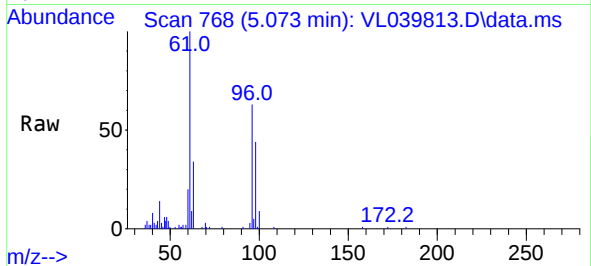




#31
 cis-1,2-Dichloroethene
 Concen: 0.424 ppbv
 RT: 5.073 min Scan# 769
 Delta R.T. -0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

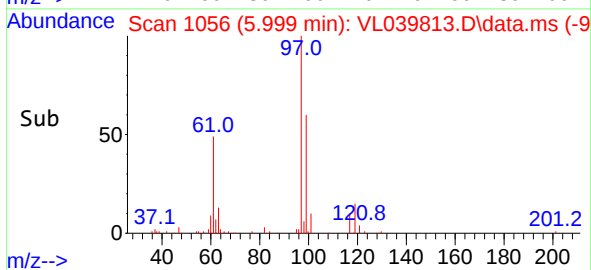
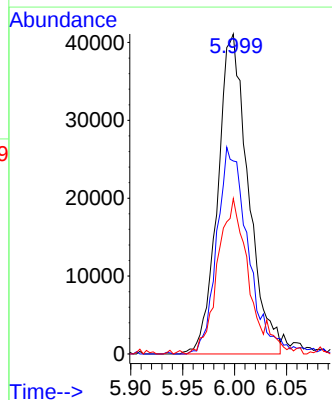
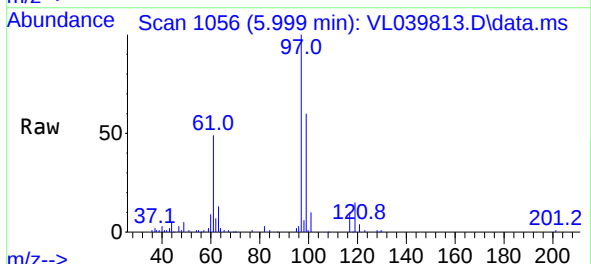
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

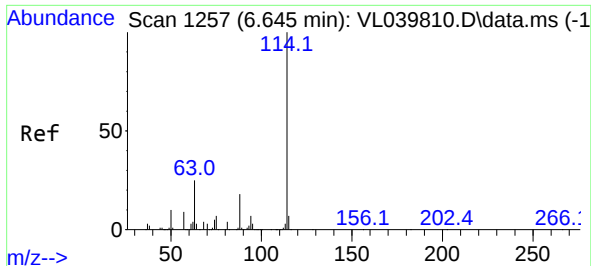
Tgt Ion: 61 Resp: 46950
 Ion Ratio Lower Upper
 61 100
 96 63.6 52.6 78.8
 98 40.8 32.6 48.8



#32
 1,1,1-Trichloroethane
 Concen: 0.495 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Tgt Ion: 97 Resp: 84090
 Ion Ratio Lower Upper
 97 100
 99 67.4 52.7 79.1
 61 50.8 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

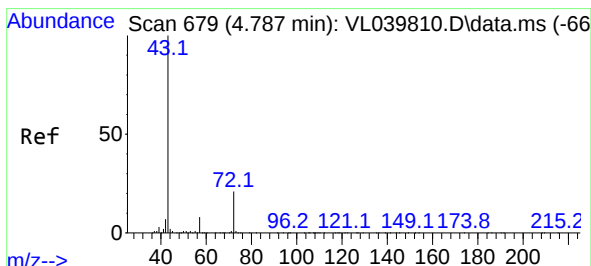
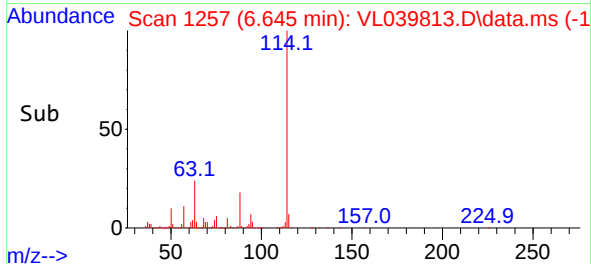
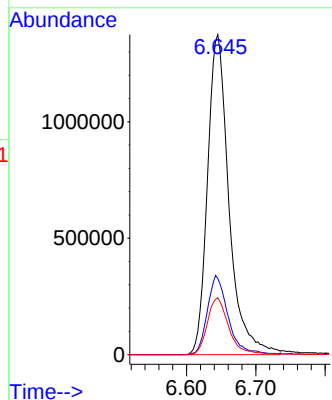
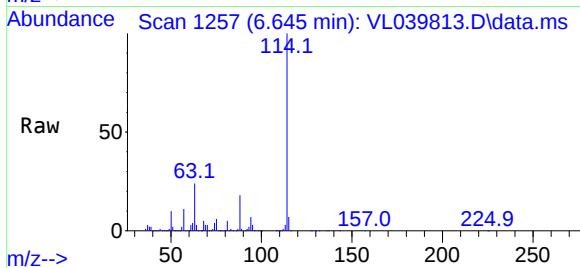
Tgt Ion:114 Resp: 2957924

Ion Ratio Lower Upper

114 100

63 24.3 19.8 29.6

88 18.0 14.4 21.6



#34

2-Butanone

Concen: 0.416 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.013 min

Lab File: VL039813.D

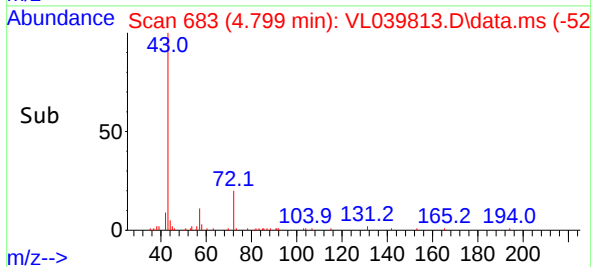
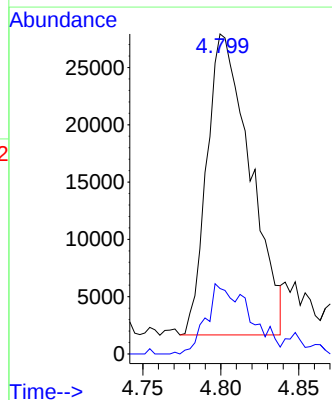
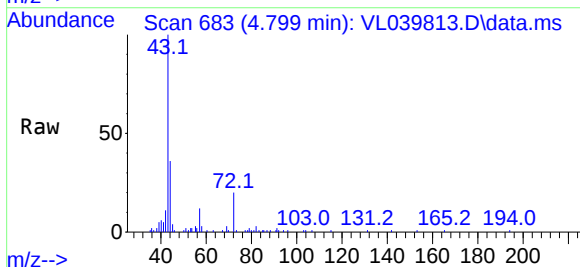
Acq: 2 Nov 2022 12:39

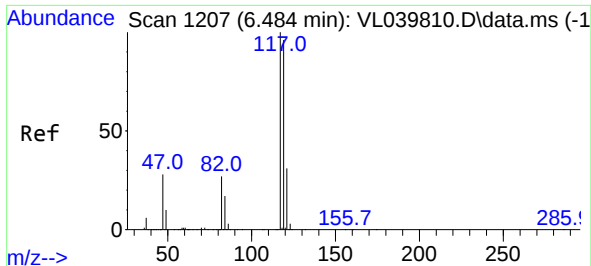
Tgt Ion: 43 Resp: 50776

Ion Ratio Lower Upper

43 100

72 28.4 17.5 26.3#

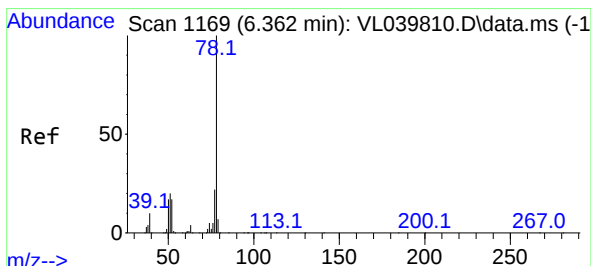
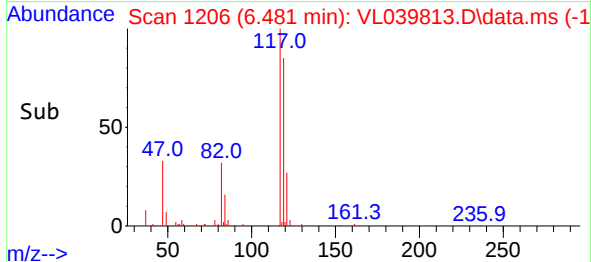
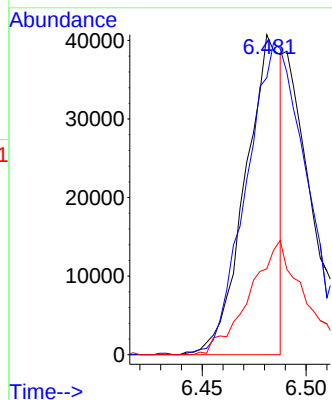
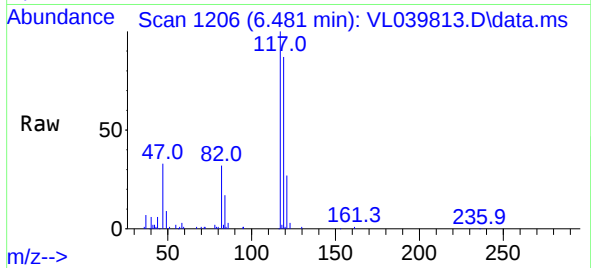




#35
Carbon Tetrachloride
Concen: 0.279 ppbv
RT: 6.481 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

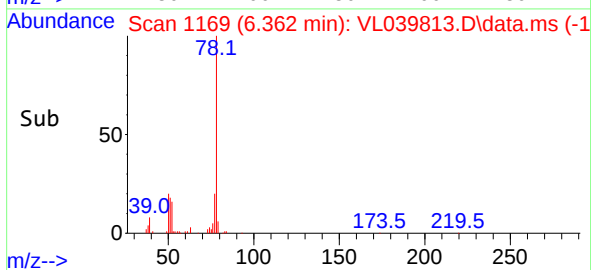
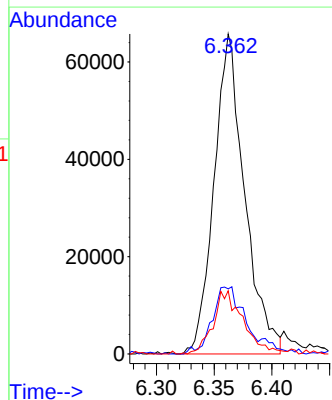
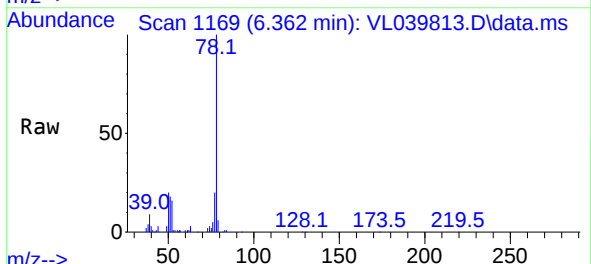
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

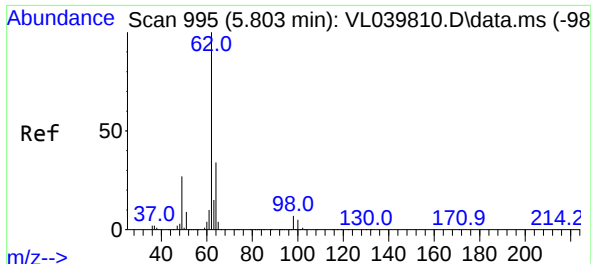
Tgt Ion:117 Resp: 48179
Ion Ratio Lower Upper
117 100
119 86.6 76.5 114.7
121 26.8 25.2 37.8



#36
Benzene
Concen: 0.485 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 78 Resp: 121054
Ion Ratio Lower Upper
78 100
77 20.3 17.4 26.2
50 19.8 13.9 20.9

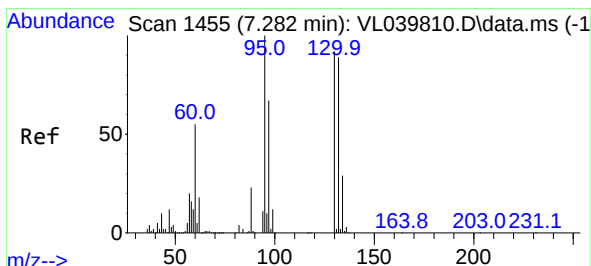
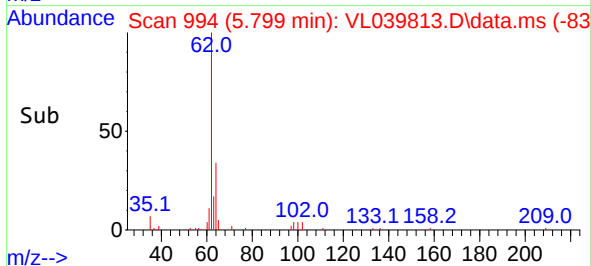
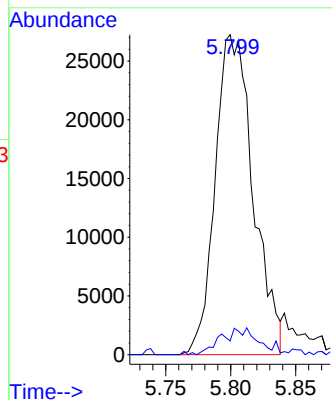
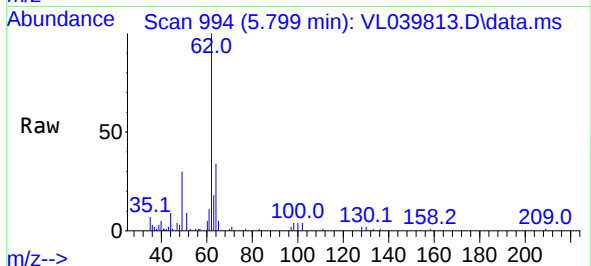




#37
1,2-Dichloroethane
Concen: 0.463 ppbv
RT: 5.799 min Scan# 994
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

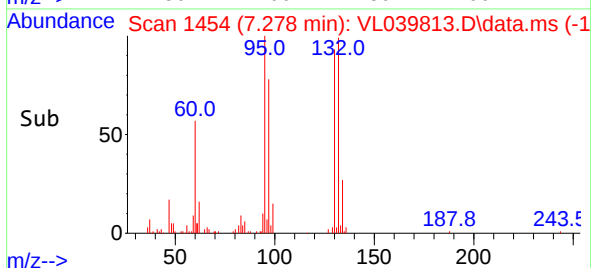
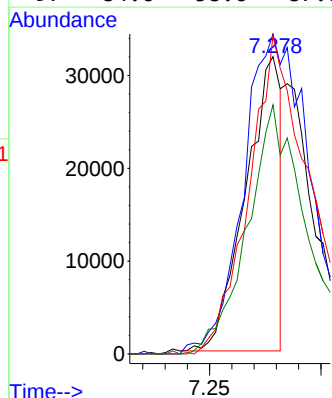
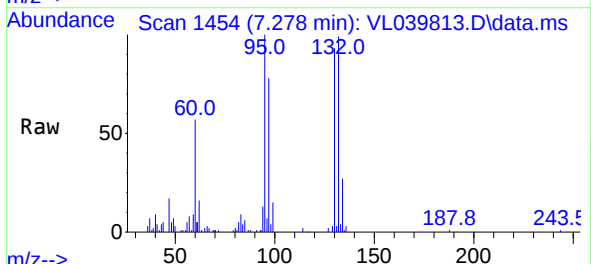
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

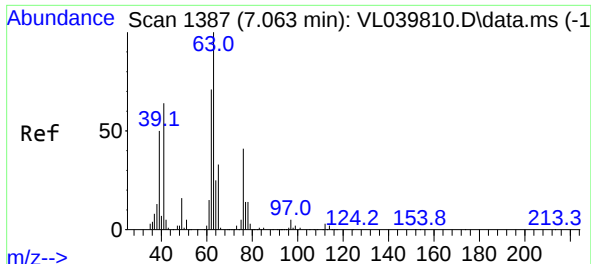
Tgt Ion: 62 Resp: 55390
Ion Ratio Lower Upper
62 100
98 9.4 5.4 8.2#



#38
Trichloroethene
Concen: 0.255 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 130 Resp: 35012
Ion Ratio Lower Upper
130 100
95 108.7 87.4 131.2
132 108.1 77.7 116.5
97 84.6 58.6 87.8





#39

1,2-Dichloropropane

Concen: 0.273 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

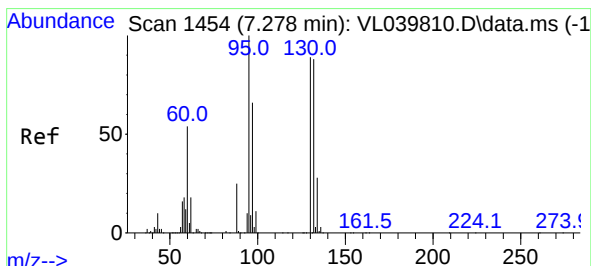
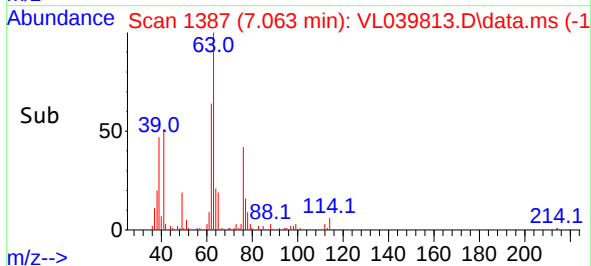
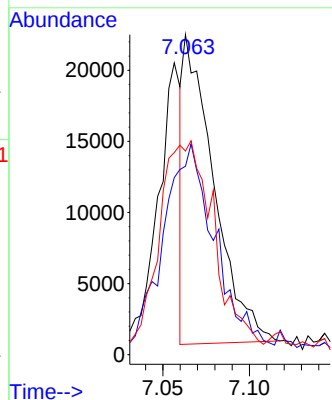
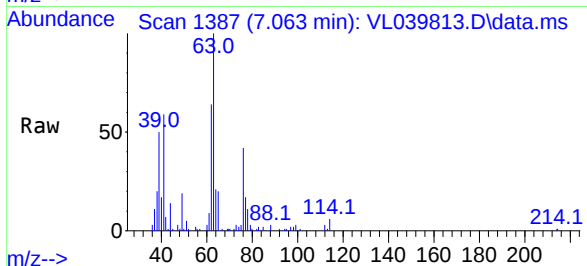
Tgt Ion: 63 Resp: 26494

Ion Ratio Lower Upper

63 100

41 53.5 51.0 76.4

62 59.0 56.6 85.0



#40

1,4-Dioxane

Concen: 0.006 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.006 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Tgt Ion: 88 Resp: 208

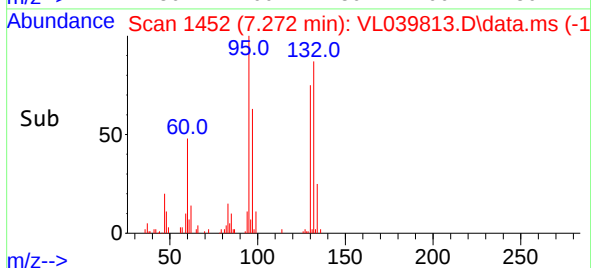
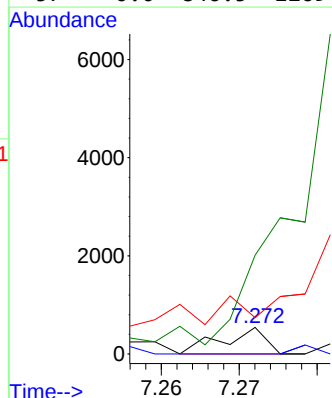
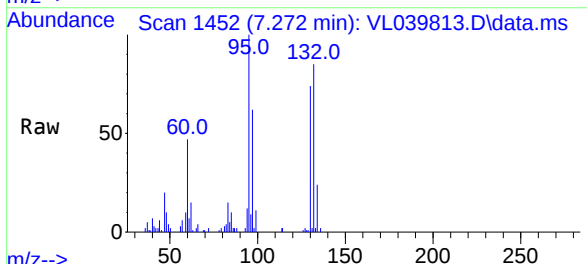
Ion Ratio Lower Upper

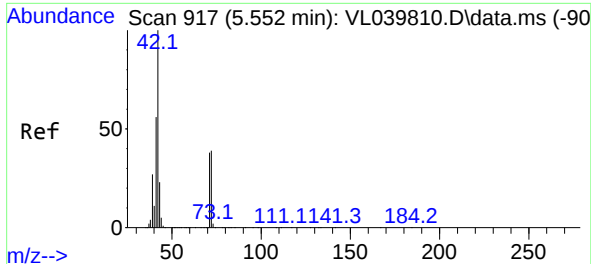
88 100

58 0.0 99.5 149.3#

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#





#41

Tetrahydrofuran

Concen: 0.176 ppbv

RT: 5.574 min Scan# 917

Delta R.T. 0.023 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

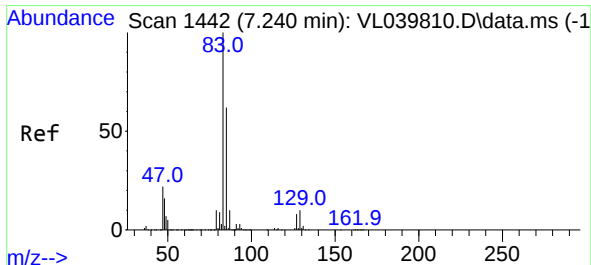
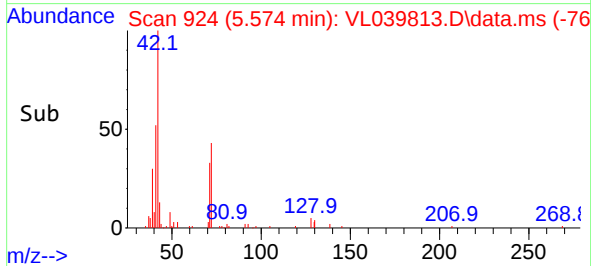
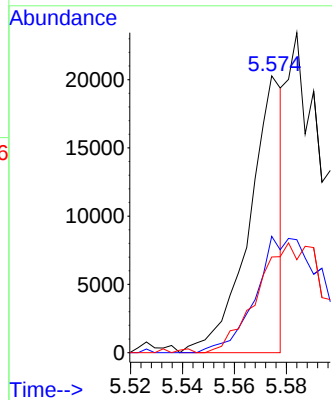
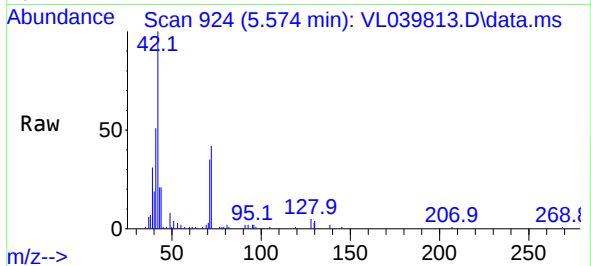
Tgt Ion: 42 Resp: 17942

Ion Ratio Lower Upper

42 100

72 114.2 31.4 47.2#

71 0.0 31.5 47.3#



#42

Bromodichloromethane

Concen: 0.186 ppbv

RT: 7.230 min Scan# 1439

Delta R.T. -0.010 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

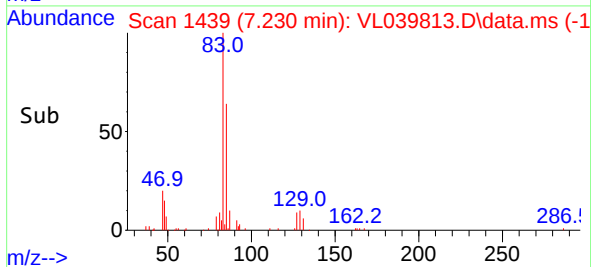
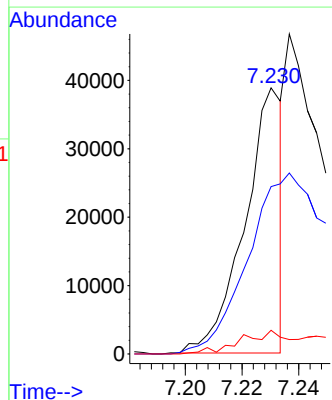
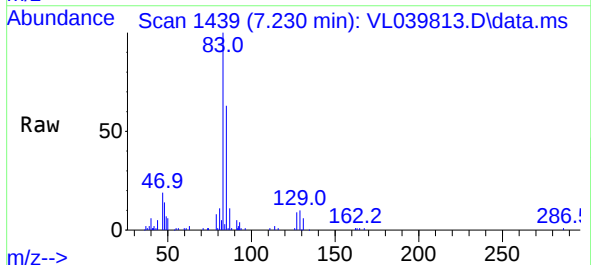
Tgt Ion: 83 Resp: 35585

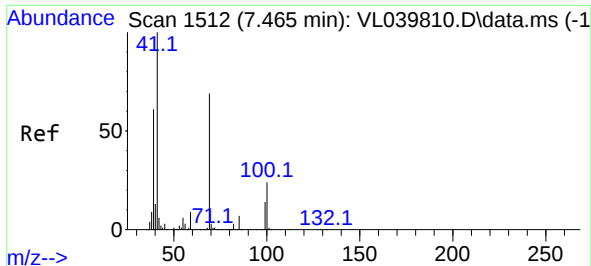
Ion Ratio Lower Upper

83 100

85 62.6 49.9 74.9

127 8.9 6.4 9.6

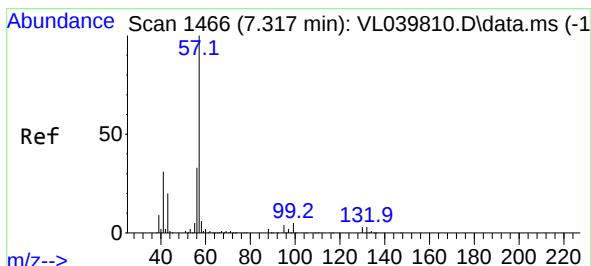
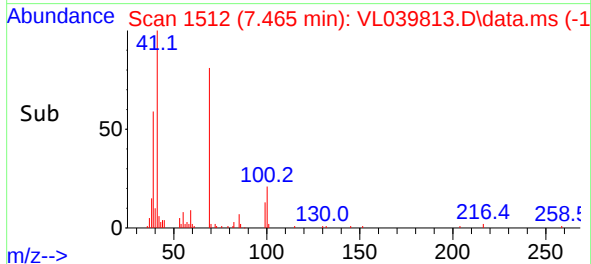
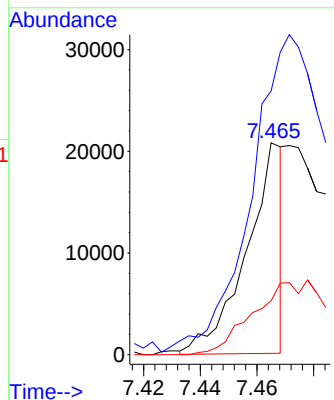
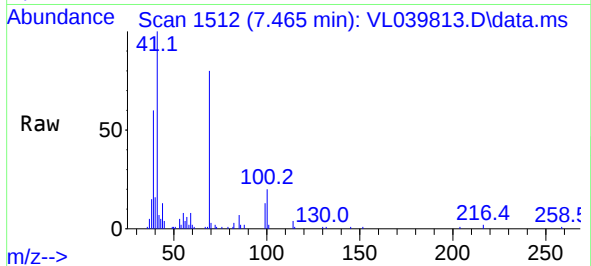




#43
Methyl Methacrylate
Concen: 0.186 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

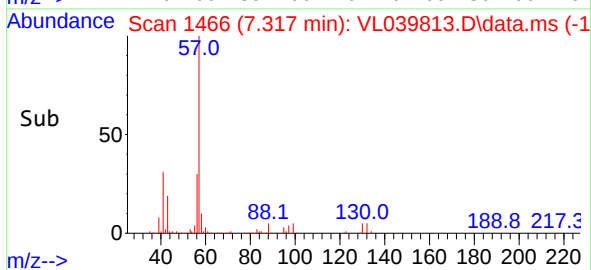
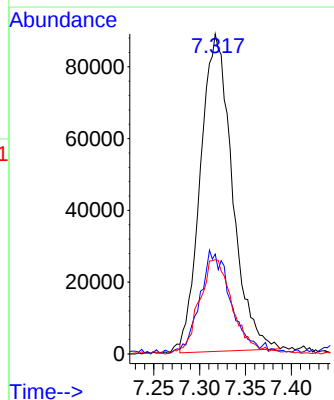
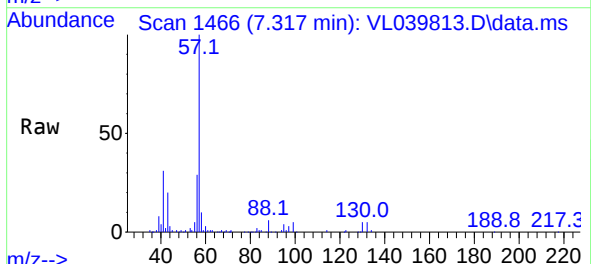
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

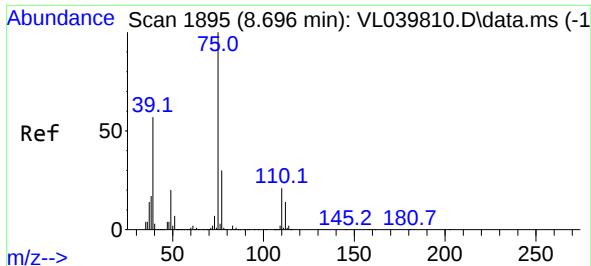
Tgt Ion: 69 Resp: 18371
Ion Ratio Lower Upper
69 100
41 0.0 115.7 173.5#
100 0.0 25.9 38.9#



#44
2,2,4-Trimethylpentane
Concen: 0.506 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 57 Resp: 212897
Ion Ratio Lower Upper
57 100
41 32.3 24.6 36.8
56 32.4 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 0.410 ppbv

RT: 8.700 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_1

ClientSampleId :

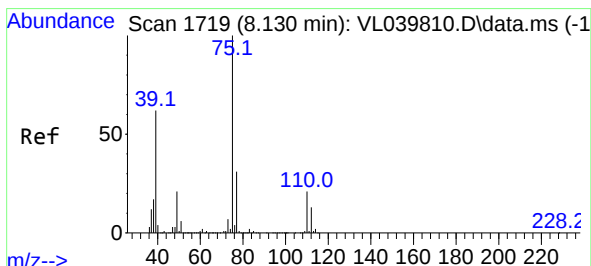
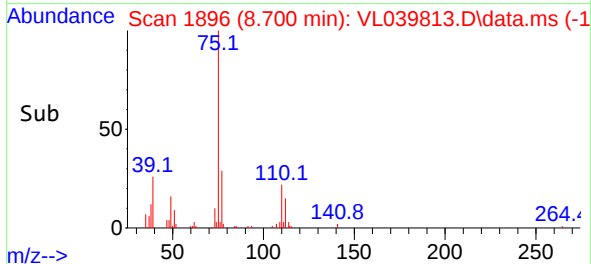
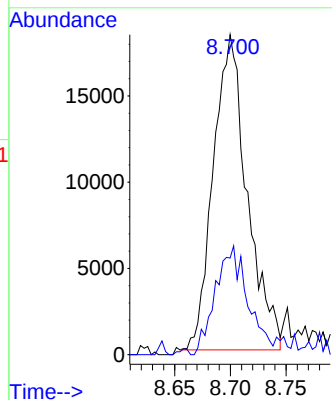
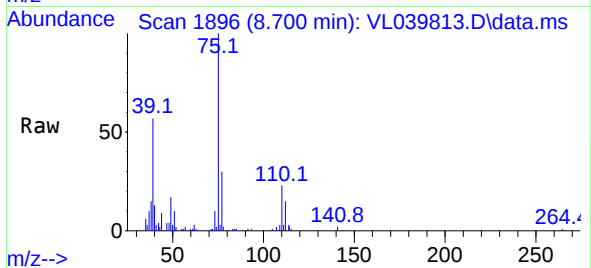
VSTDIC0.5

Tgt Ion: 75 Resp: 38703

Ion Ratio Lower Upper

75 100

77 30.2 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 0.441 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

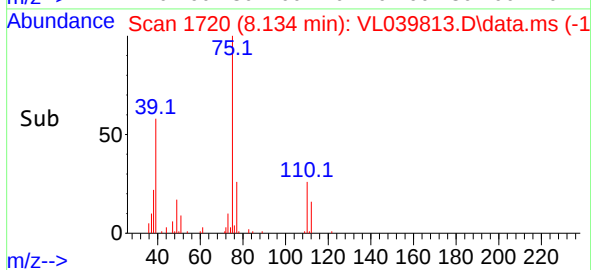
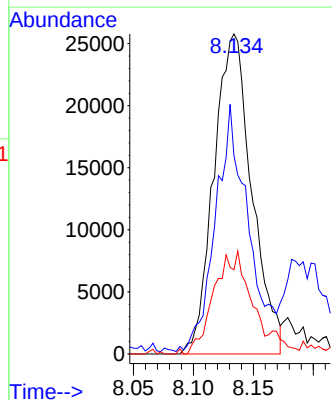
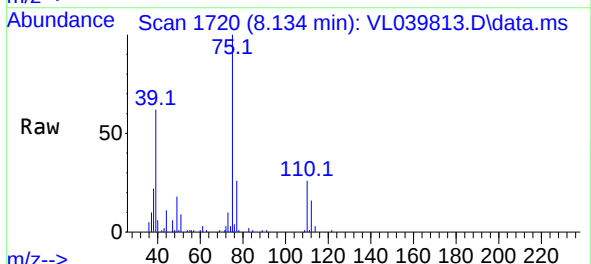
Tgt Ion: 75 Resp: 56812

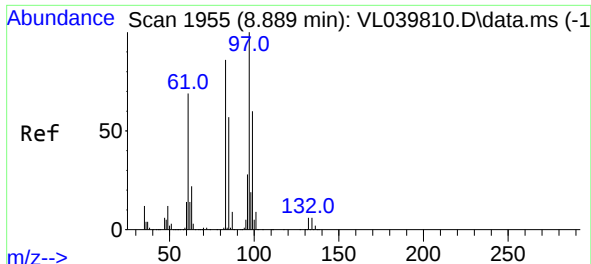
Ion Ratio Lower Upper

75 100

39 59.6 50.0 75.0

77 24.7 25.1 37.7#



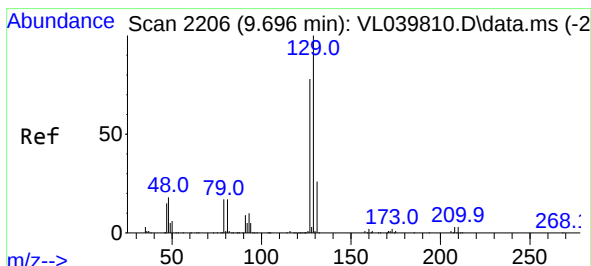
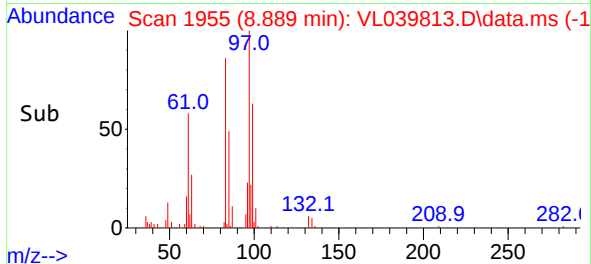
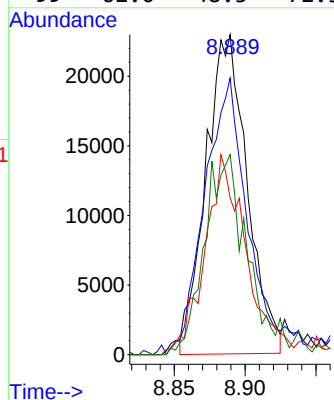
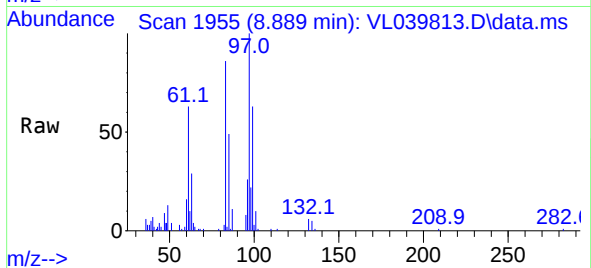


#47
1,1,2-Trichloroethane
Concen: 0.473 ppbv
RT: 8.889 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 46610

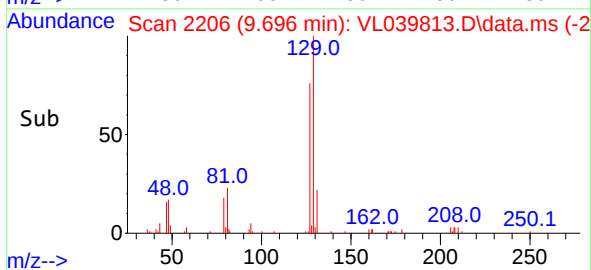
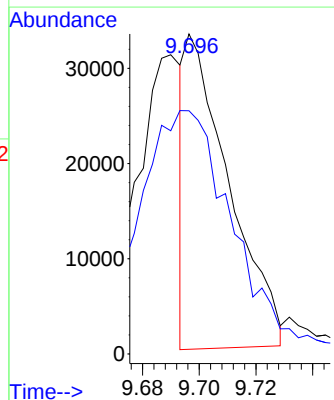
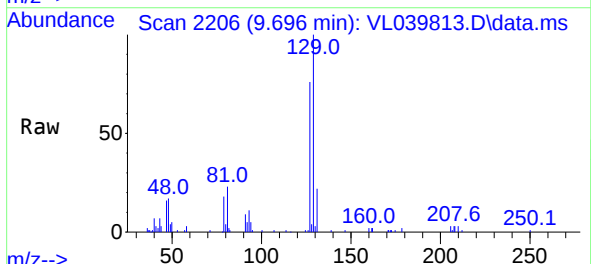
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.8	103.2
85	45.3	45.8	68.6#
99	62.0	48.3	72.5

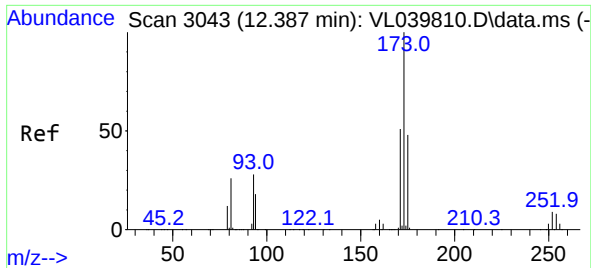


#48
Dibromochloromethane
Concen: 0.210 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 129 Resp: 35241

Ion	Ratio	Lower	Upper
129	100		
127	174.8	39.4	118.1#

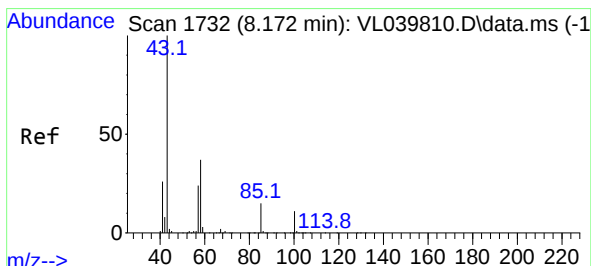
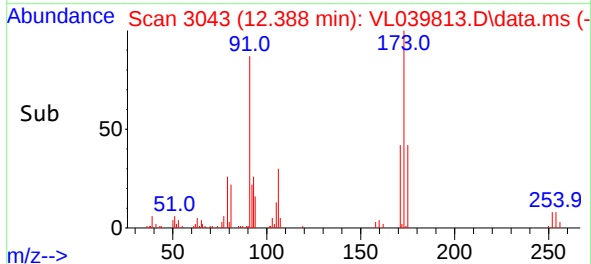
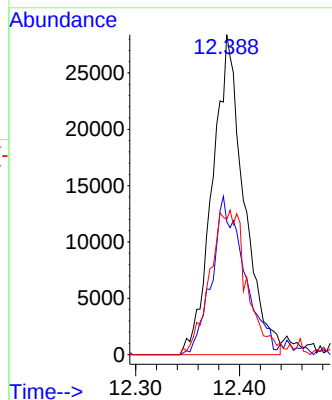
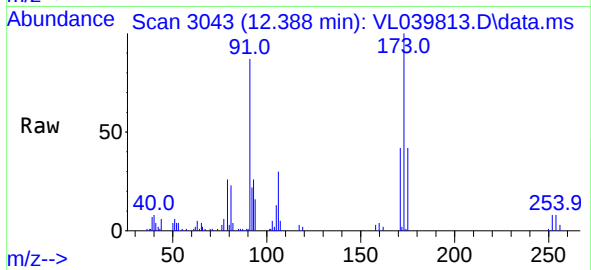




#49
Bromoform
Concen: 0.443 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

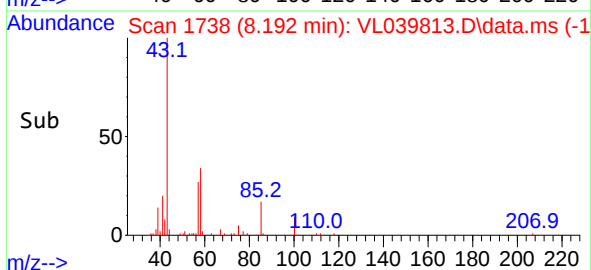
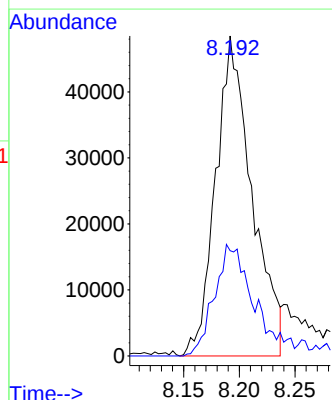
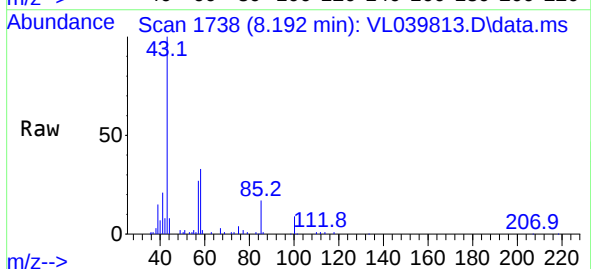
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

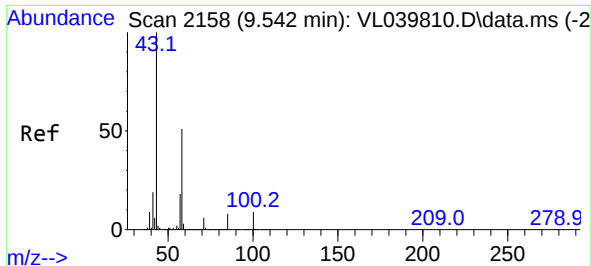
Tgt Ion:173 Resp: 59669
Ion Ratio Lower Upper
173 100
175 54.5 39.7 59.5
171 55.5 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 0.439 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.019 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 43 Resp: 109764
Ion Ratio Lower Upper
43 100
58 37.9 29.8 44.6

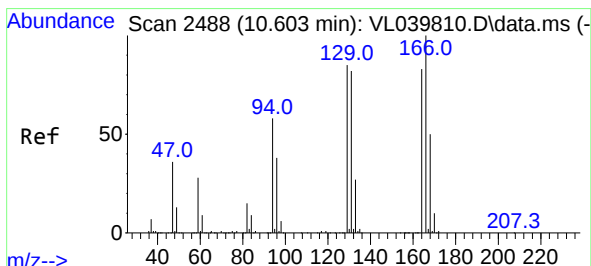
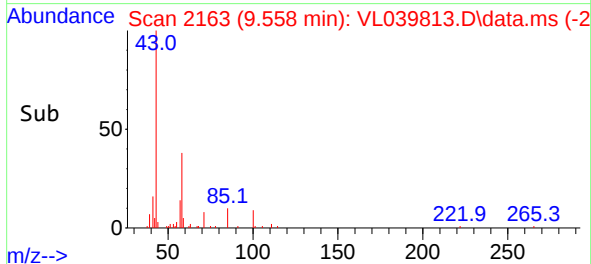
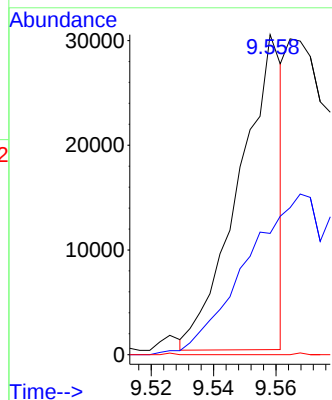
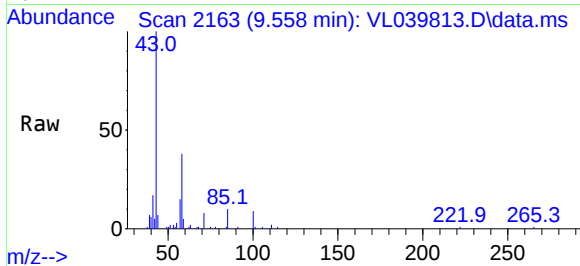




#51
2-Hexanone
Concen: 0.148 ppbv
RT: 9.558 min Scan# 2158
Delta R.T. 0.016 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

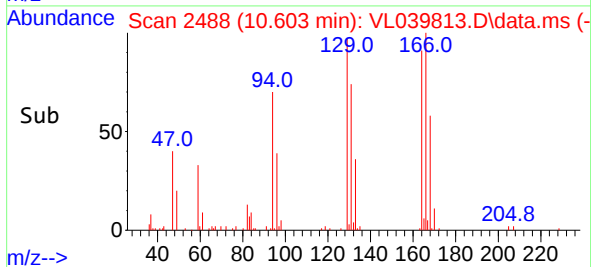
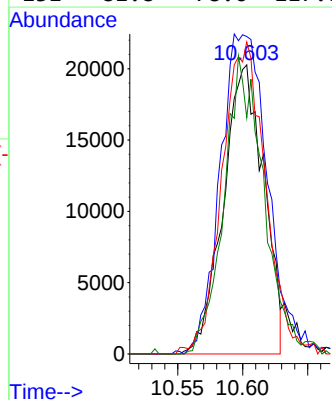
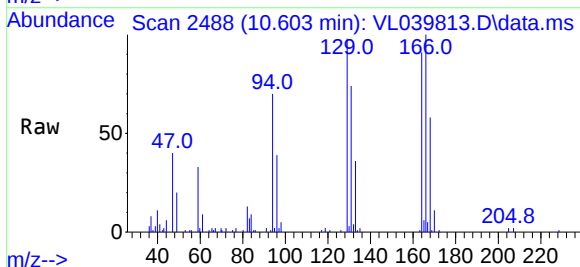
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

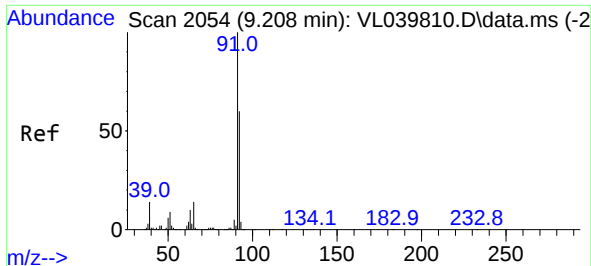
Tgt Ion: 43 Resp: 28894
Ion Ratio Lower Upper
43 100
58 0.0 40.5 60.7#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.465 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 164 Resp: 43829
Ion Ratio Lower Upper
164 100
166 109.0 96.0 144.0
129 105.7 81.4 122.2
131 81.8 78.6 117.8

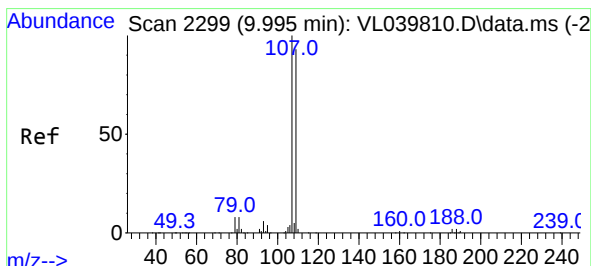
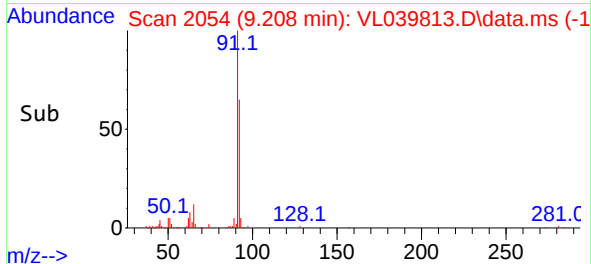
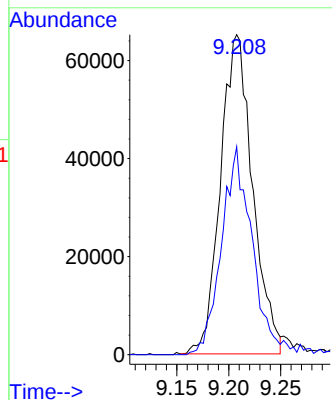
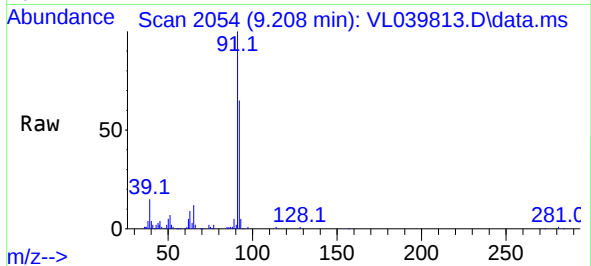




#53
Toluene
Concen: 0.489 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

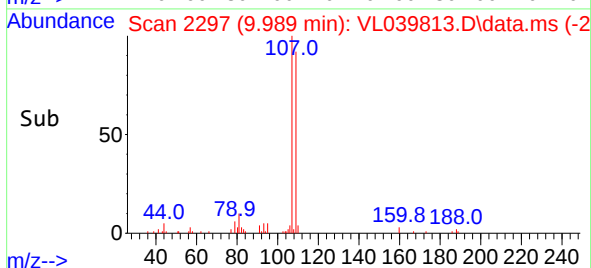
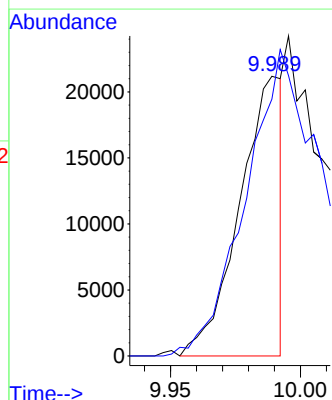
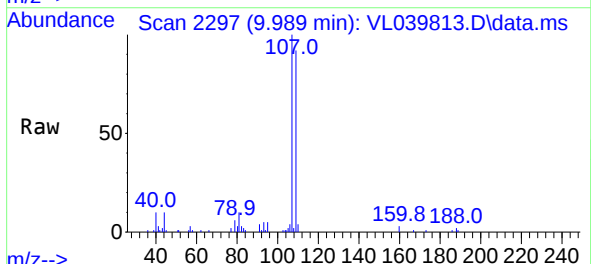
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

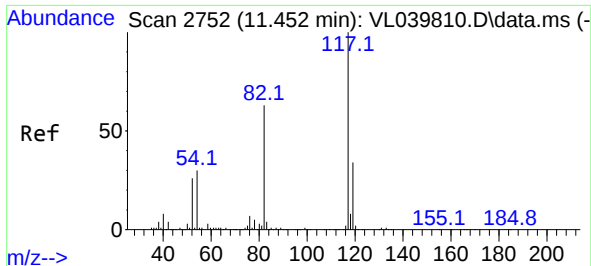
Tgt Ion: 91 Resp: 140075
Ion Ratio Lower Upper
91 100
92 63.6 49.6 74.4



#54
1,2-Dibromoethane
Concen: 0.220 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 107 Resp: 24044
Ion Ratio Lower Upper
107 100
109 88.7 74.5 111.7

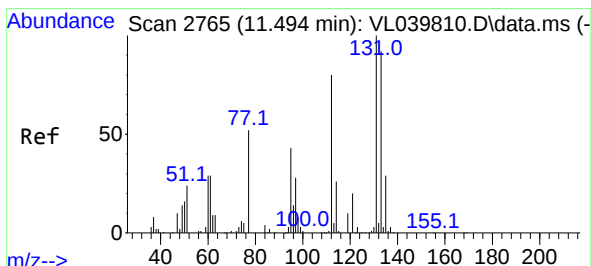
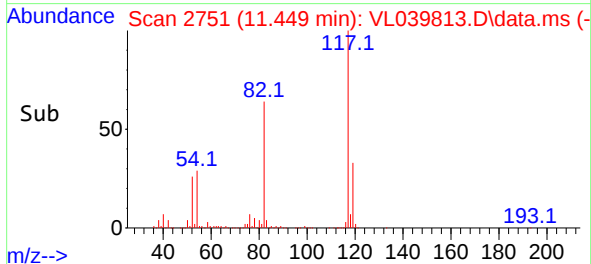
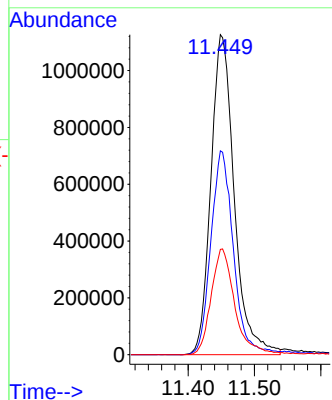
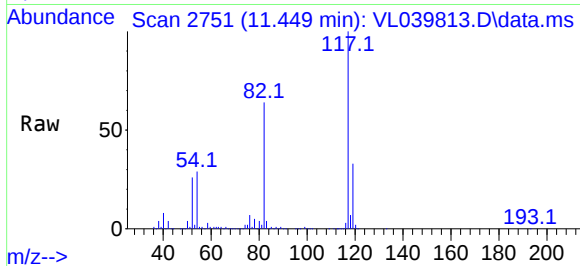




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

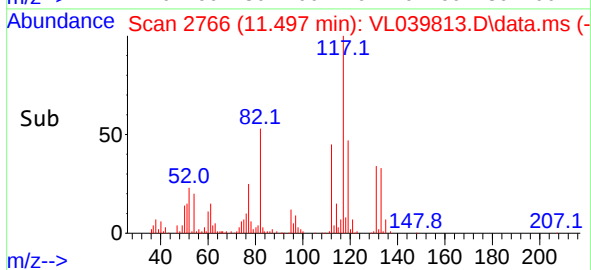
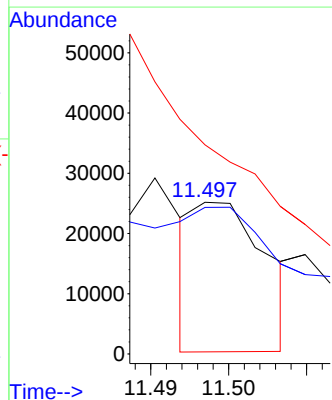
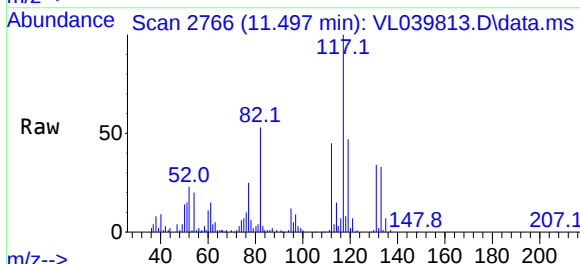
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

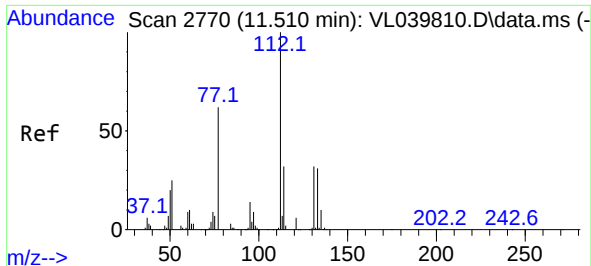
Tgt Ion:117 Resp: 2753224
Ion Ratio Lower Upper
117 100
82 62.8 51.0 76.6
119 33.7 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 0.134 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:131 Resp: 15771
Ion Ratio Lower Upper
131 100
133 364.3 76.9 115.3#
119 0.0 52.2 78.2#

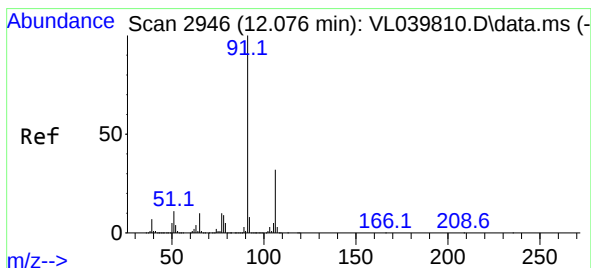
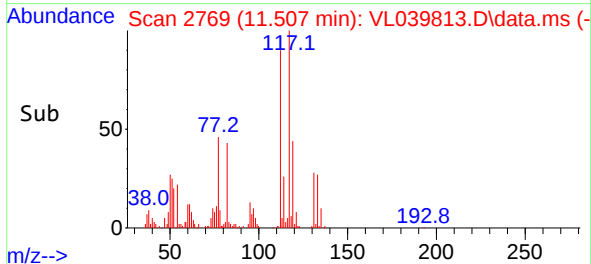
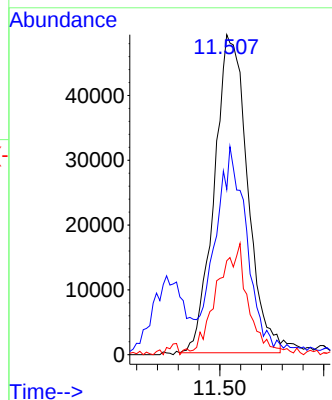
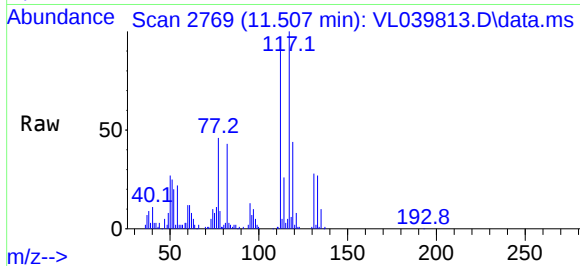




#57
Chlorobenzene
Concen: 0.521 ppbv
RT: 11.507 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

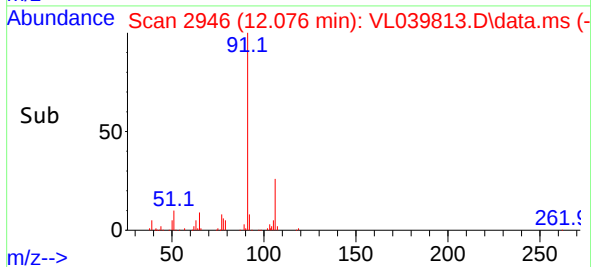
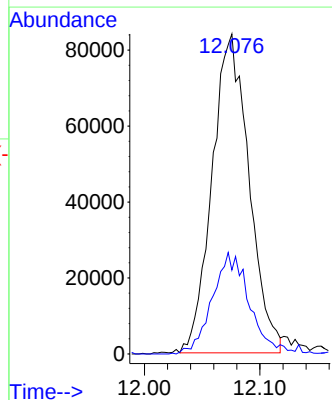
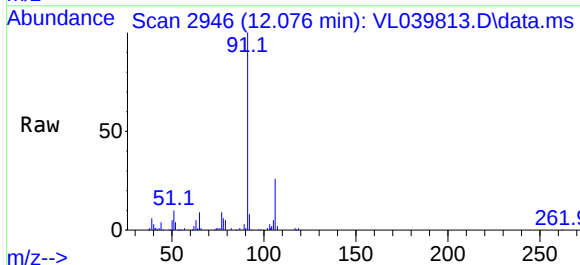
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

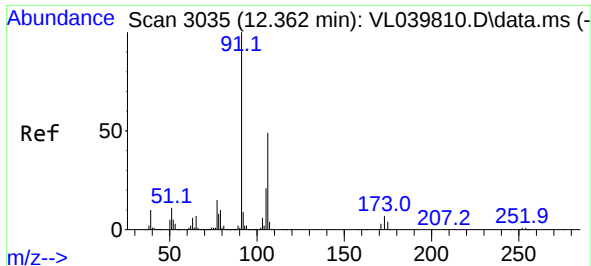
Tgt Ion:112 Resp: 108774
Ion Ratio Lower Upper
112 100
77 48.7 49.8 74.6#
114 29.5 29.0 35.4



#58
Ethyl Benzene
Concen: 0.501 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 91 Resp: 186489
Ion Ratio Lower Upper
91 100
106 25.7 25.9 38.9#





#59

m/p-Xylene

Concen: 0.261 ppbv

RT: 12.355 min Scan# 3033

Delta R.T. -0.006 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

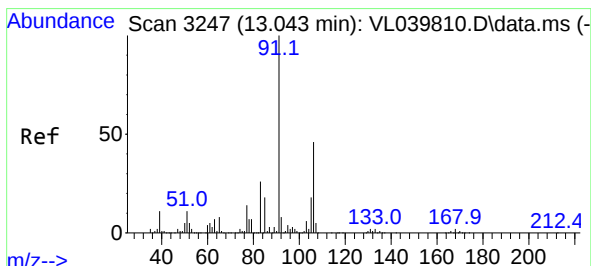
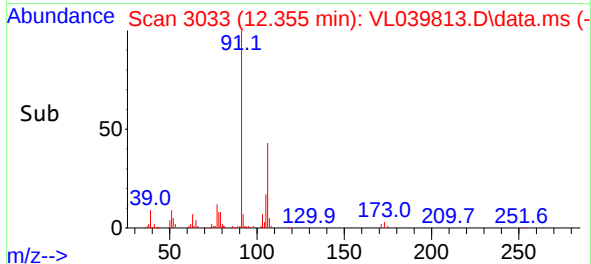
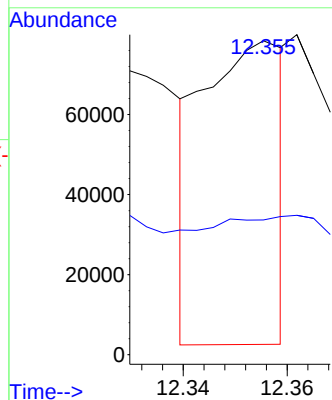
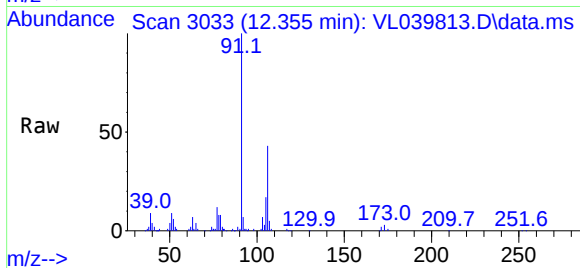
VSTDIC0.5

Tgt Ion: 91 Resp: 81008

Ion Ratio Lower Upper

91 100

106 0.0 37.6 56.4#



#60

o-Xylene

Concen: 0.519 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.003 min

Lab File: VL039813.D

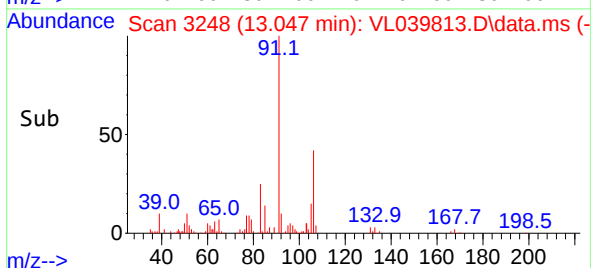
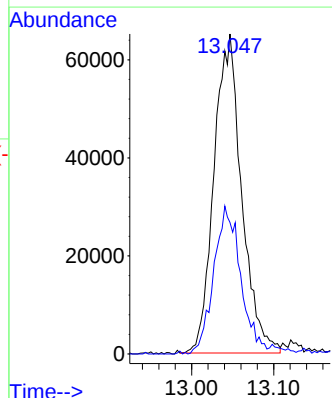
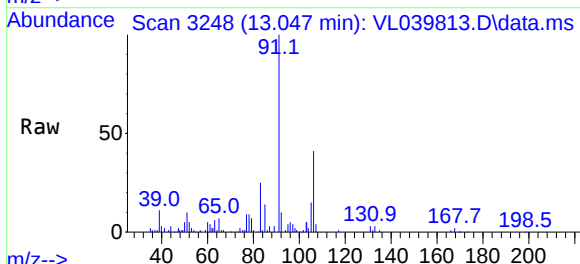
Acq: 2 Nov 2022 12:39

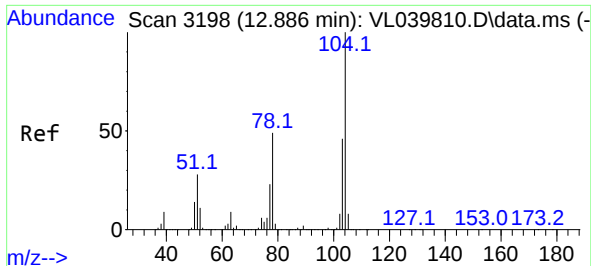
Tgt Ion: 91 Resp: 152878

Ion Ratio Lower Upper

91 100

106 46.4 23.6 70.8

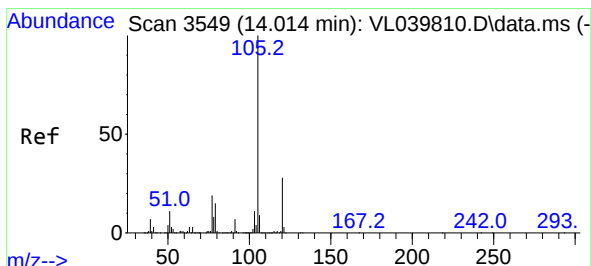
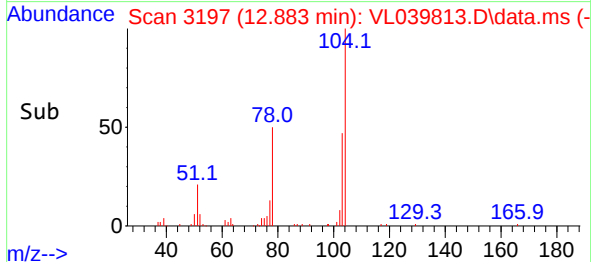
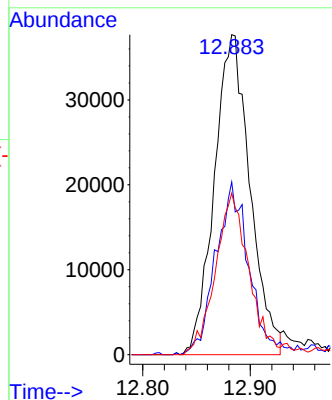
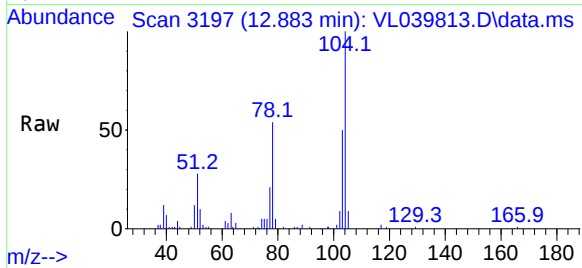




#61
Styrene
Concen: 0.479 ppbv
RT: 12.883 min Scan# 3198
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

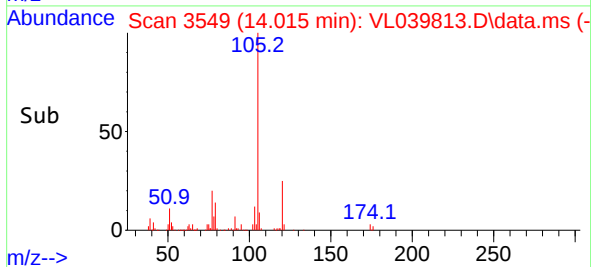
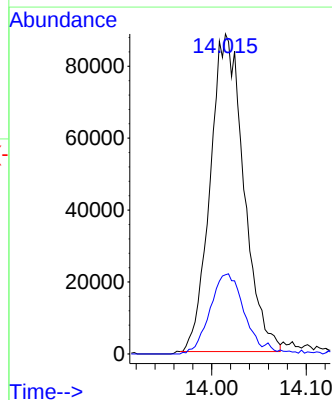
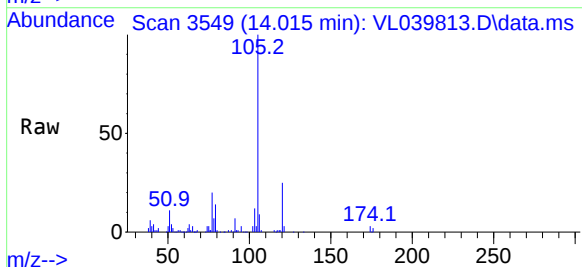
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

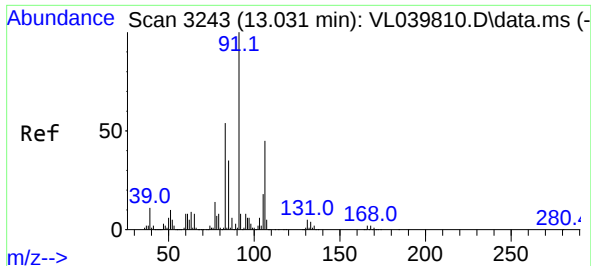
Tgt Ion:104 Resp: 86814
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 48.1 37.5 56.3



#62
Isopropylbenzene
Concen: 0.507 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:105 Resp: 217942
Ion Ratio Lower Upper
105 100
120 26.6 21.7 32.5

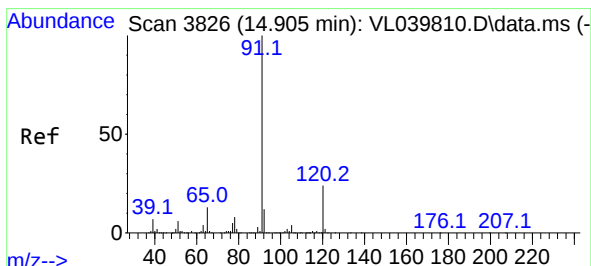
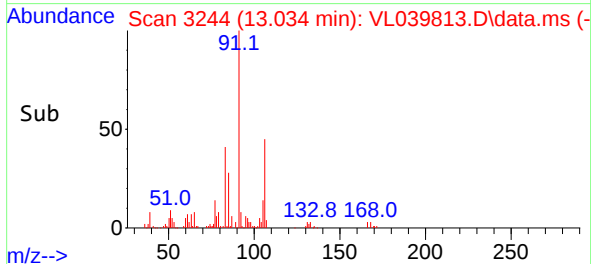
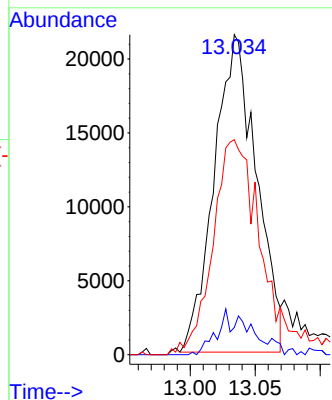
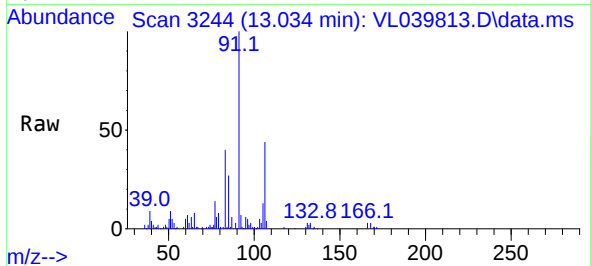




#63
1,1,2-Tetrachloroethane
Concen: 0.444 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

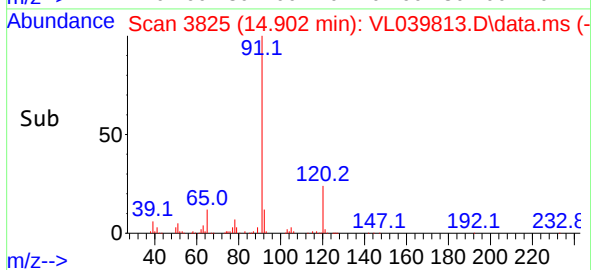
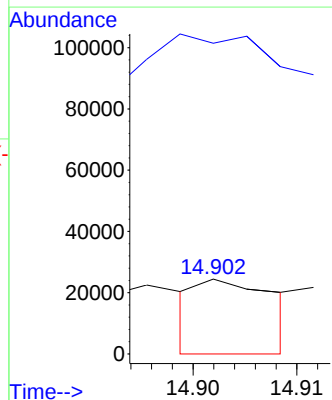
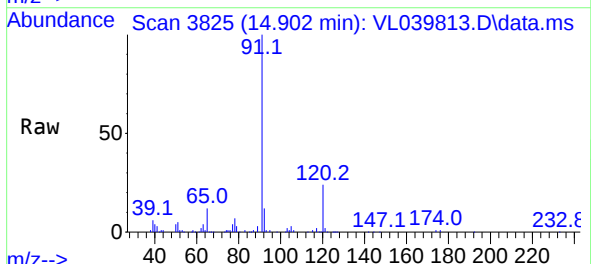
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

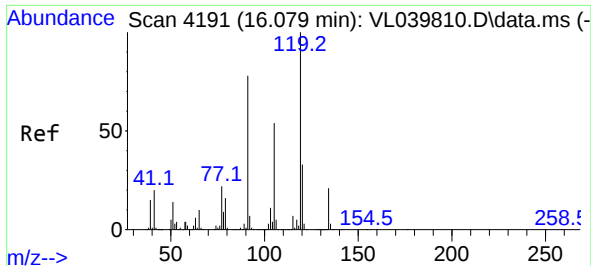
Tgt Ion: 83 Resp: 48648
Ion Ratio Lower Upper
83 100
131 12.2 4.6 13.8
85 80.8 33.3 99.9



#64
n-propylbenzene
Concen: 0.110 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 120 Resp: 12681
Ion Ratio Lower Upper
120 100
91 2221.8 354.9 532.3#

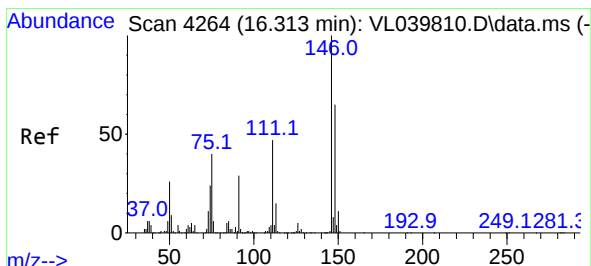
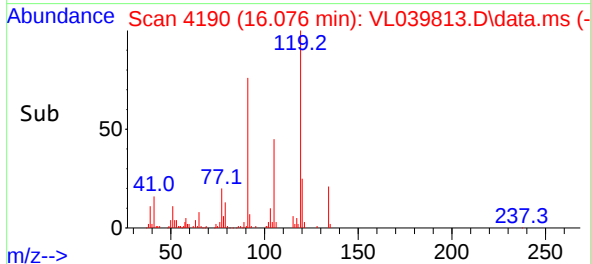
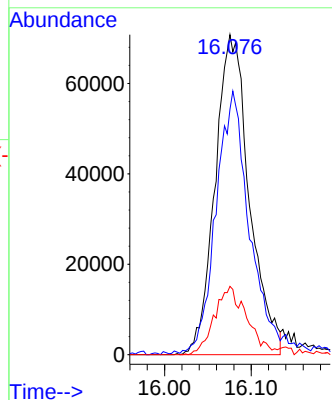
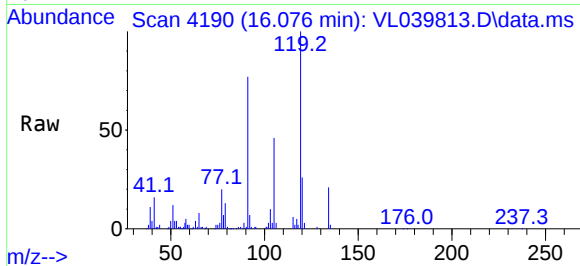




#65
tert-Butylbenzene
Concen: 0.516 ppbv
RT: 16.076 min Scan# 4191
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

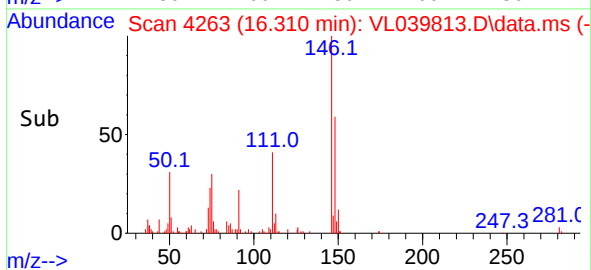
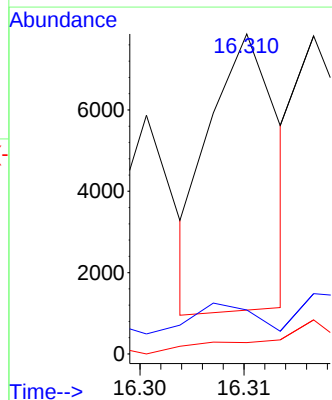
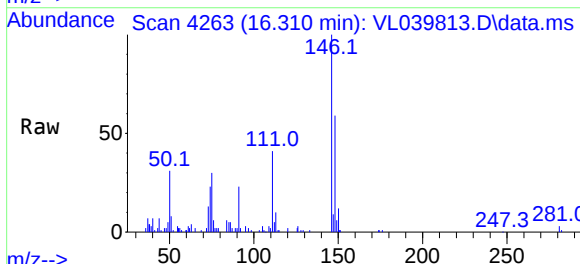
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

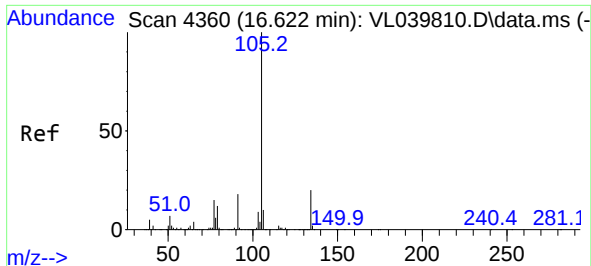
Tgt Ion:119 Resp: 194576
Ion Ratio Lower Upper
119 100
91 81.8 63.7 95.5
134 21.7 16.2 24.4



#66
Benzyl Chloride
Concen: 0.071 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 91 Resp: 3134
Ion Ratio Lower Upper
91 100
126 0.0 15.6 23.4#
128 0.0 4.9 7.3#

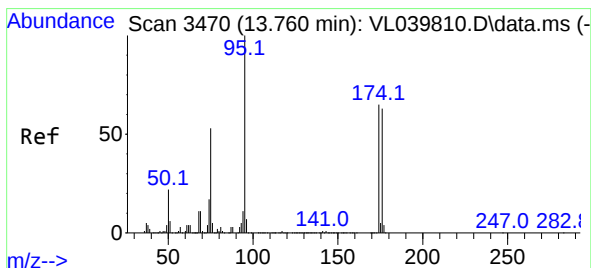
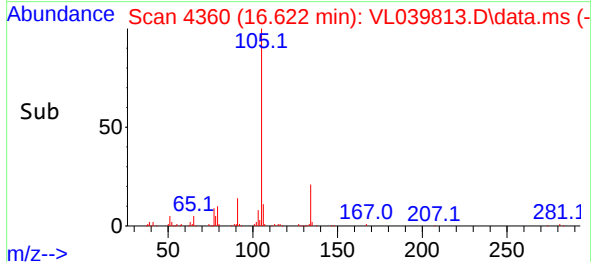
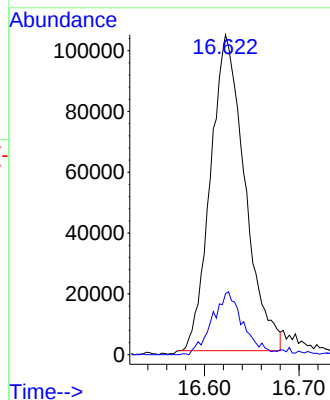
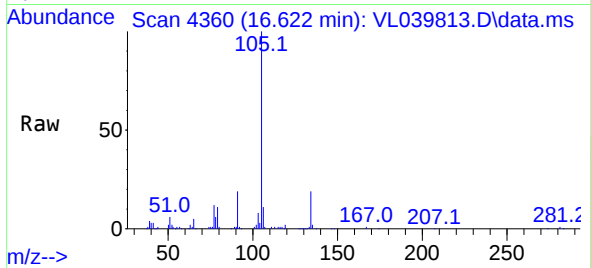




#67
 sec-Butylbenzene
 Concen: 0.512 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

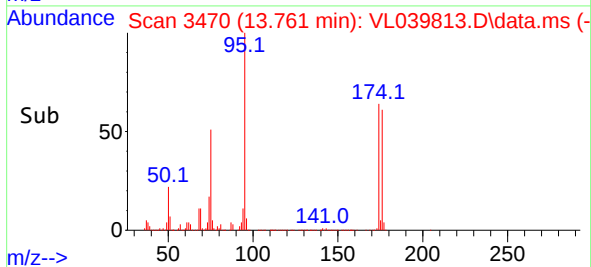
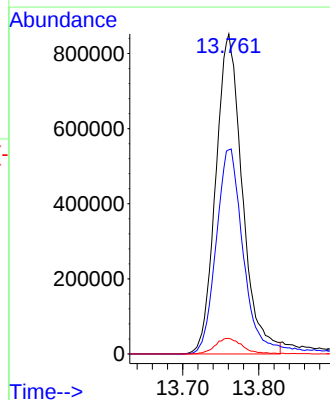
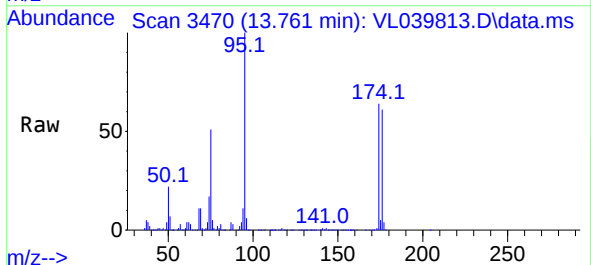
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

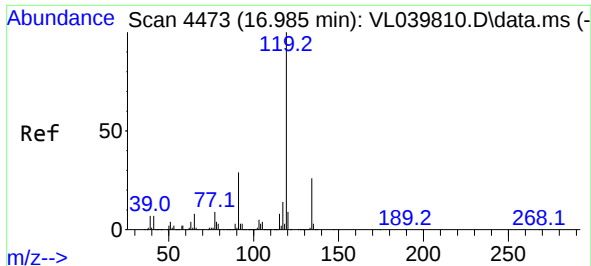
Tgt Ion:105 Resp: 262799
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.033 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Tgt Ion: 95 Resp: 2067625
 Ion Ratio Lower Upper
 95 100
 174 68.5 53.4 80.0
 175 5.1 4.1 6.1

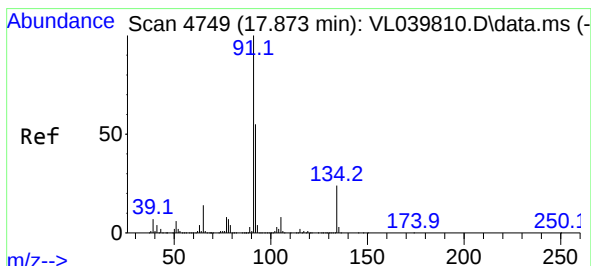
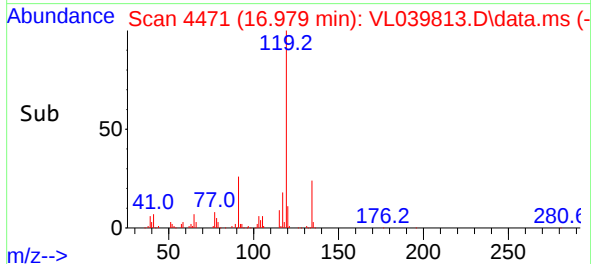
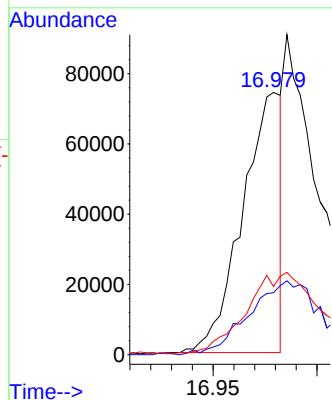
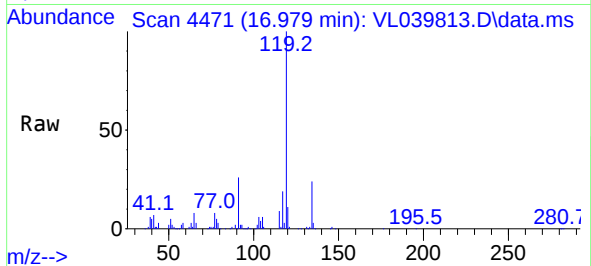




#69
p-Isopropyltoluene
Concen: 0.227 ppbv
RT: 16.979 min Scan# 4473
Delta R.T. -0.006 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

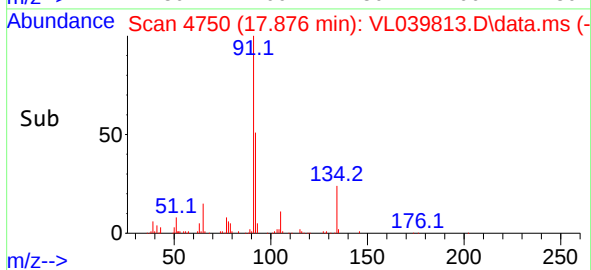
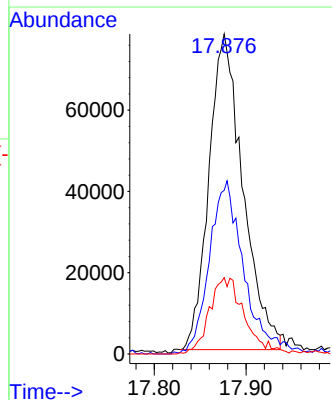
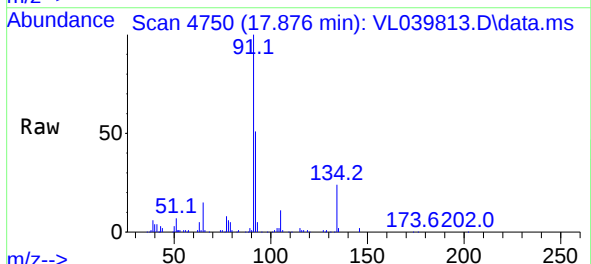
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

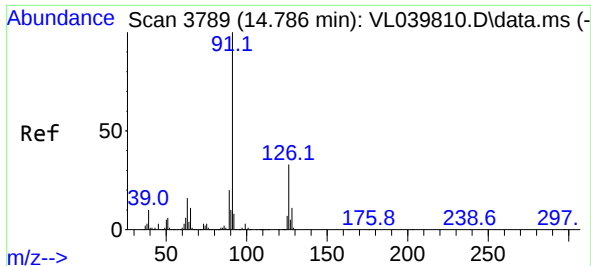
Tgt Ion:119 Resp: 96543
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.6#
91 0.0 22.8 34.2#



#70
n-Butylbenzene
Concen: 0.487 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 91 Resp: 200407
Ion Ratio Lower Upper
91 100
92 56.4 44.1 66.1
134 25.1 19.0 28.6

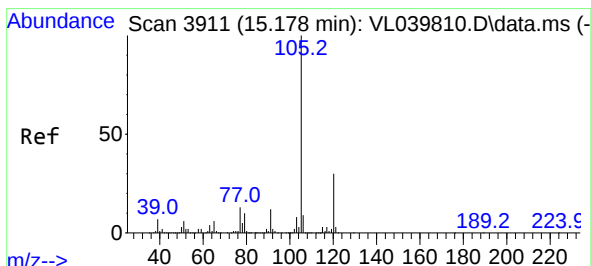
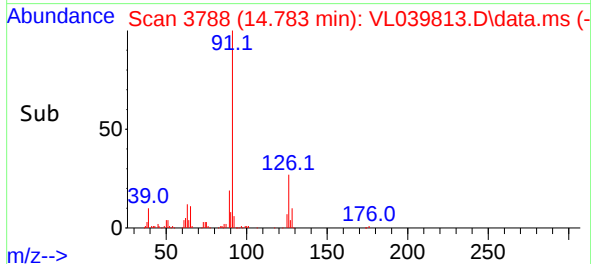
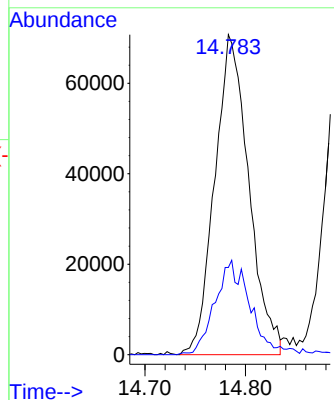
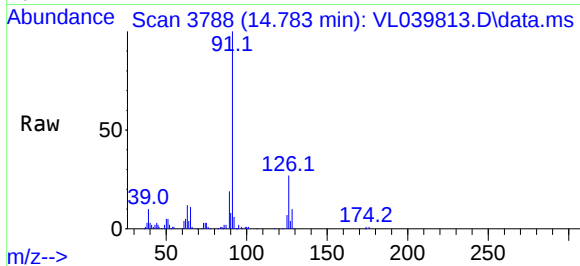




#71
2-Chlorotoluene
Concen: 0.515 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

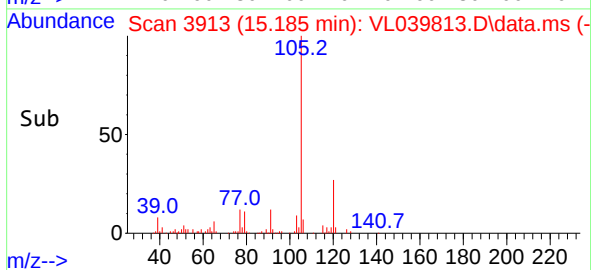
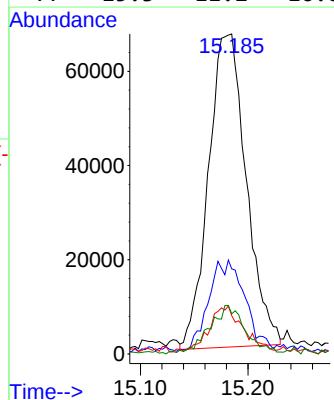
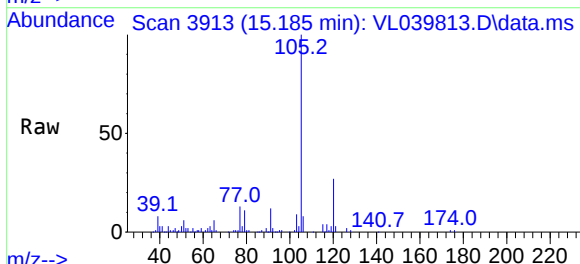
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

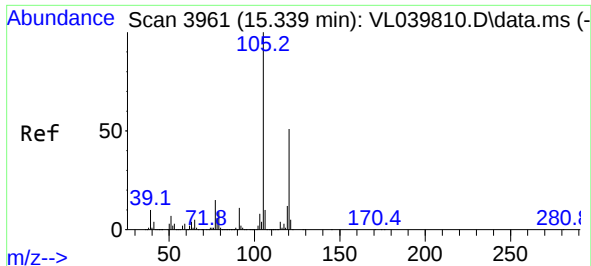
Tgt Ion: 91 Resp: 166206
Ion Ratio Lower Upper
91 100
126 31.4 12.9 51.5



#72
4-Ethyltoluene
Concen: 0.490 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.007 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 105 Resp: 162307
Ion Ratio Lower Upper
105 100
120 31.4 26.0 39.0
91 13.9 10.5 15.7
77 15.3 11.2 16.8

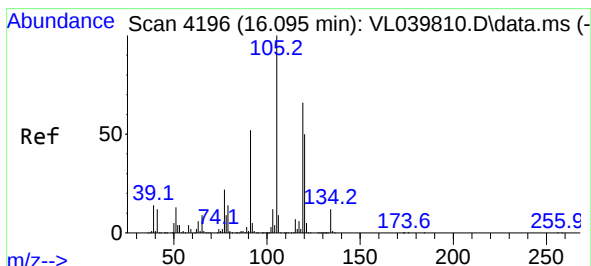
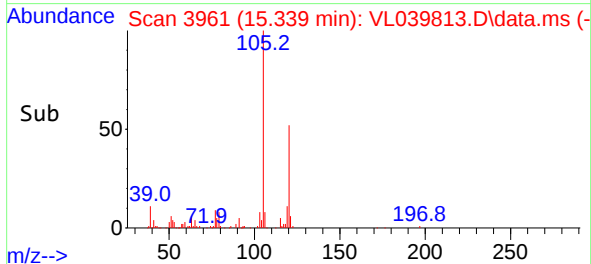
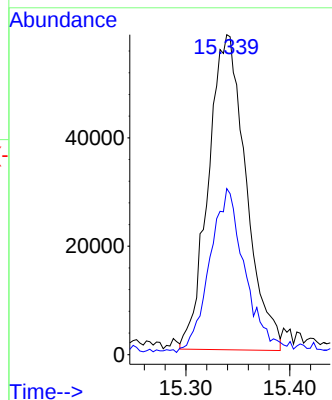
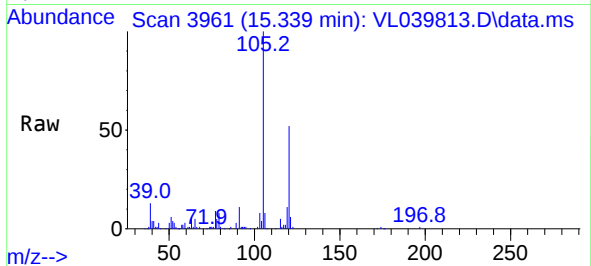




#73
1,3,5-Trimethylbenzene
Concen: 0.498 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

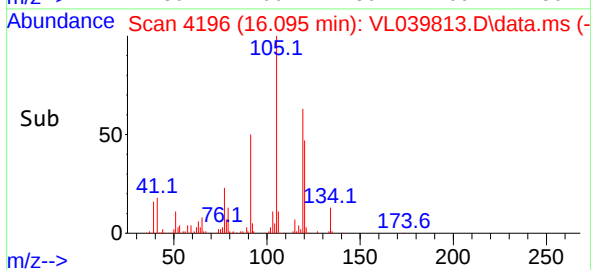
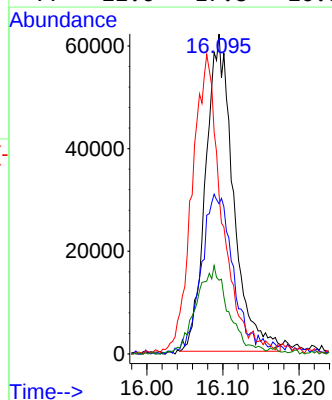
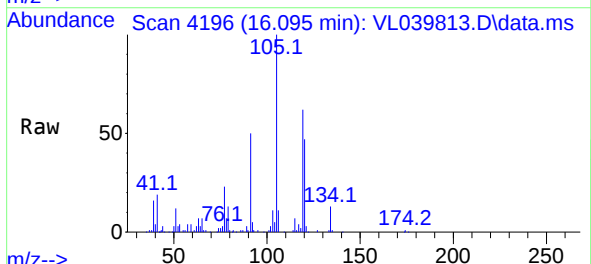
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

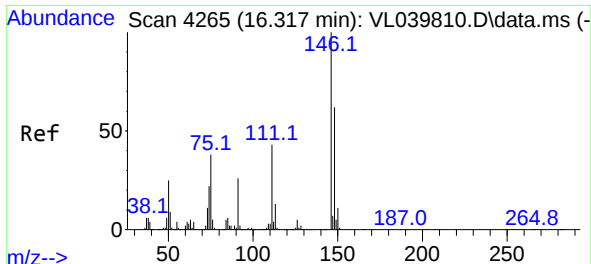
Tgt Ion:105 Resp: 146436
Ion Ratio Lower Upper
105 100
120 51.6 41.0 61.4



#74
1,2,4-Trimethylbenzene
Concen: 0.499 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:105 Resp: 155871
Ion Ratio Lower Upper
105 100
120 45.8 40.2 60.4
91 47.7 42.6 64.0
77 22.6 17.8 26.8

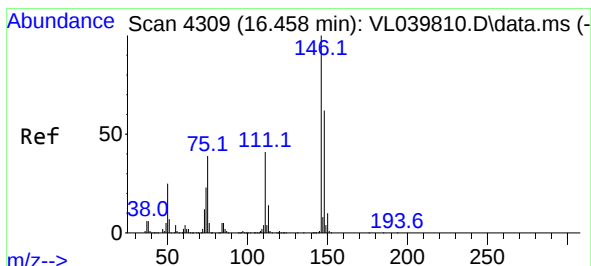
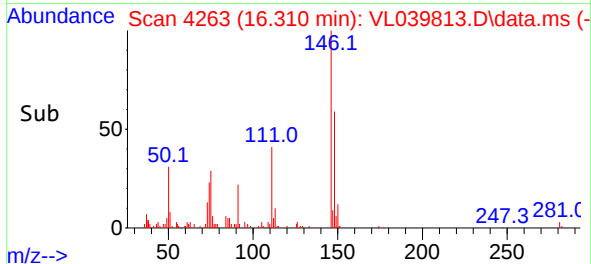
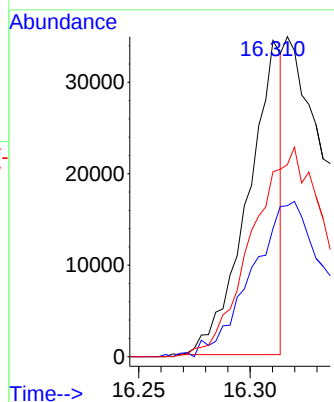
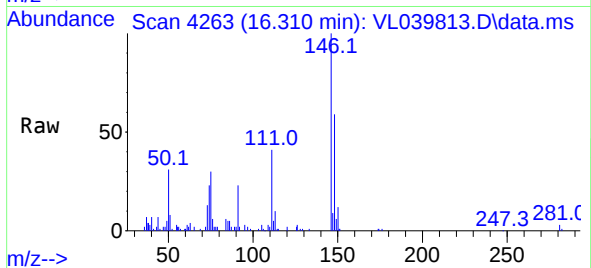




#75
1,3-Dichlorobenzene
Concen: 0.200 ppbv
RT: 16.310 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

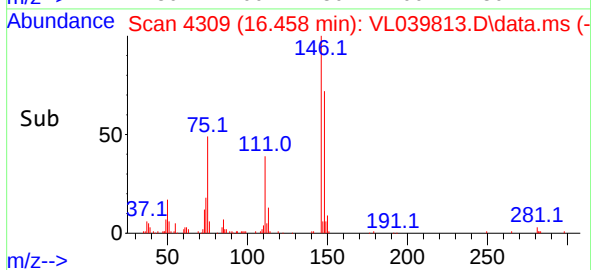
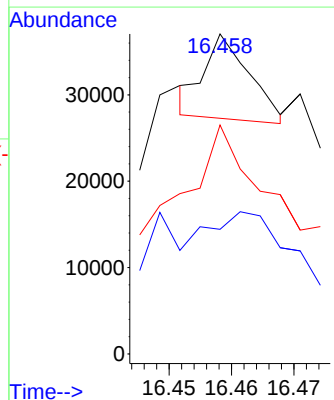
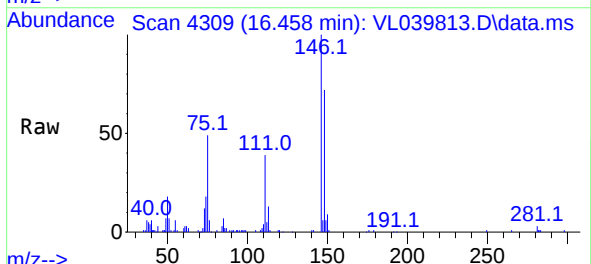
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

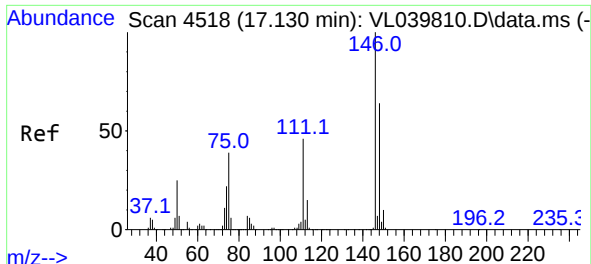
Tgt Ion:146 Resp: 36531
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8#
148 0.0 32.3 96.9#



#76
1,4-Dichlorobenzene
Concen: 0.027 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:146 Resp: 4792
Ion Ratio Lower Upper
146 100
111 887.7 22.7 68.1#
148 1237.8 33.1 99.3#

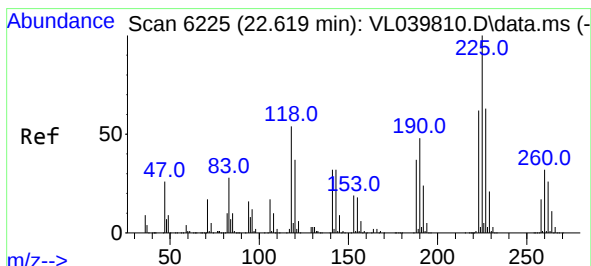
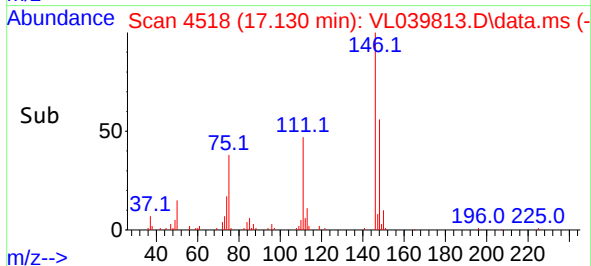
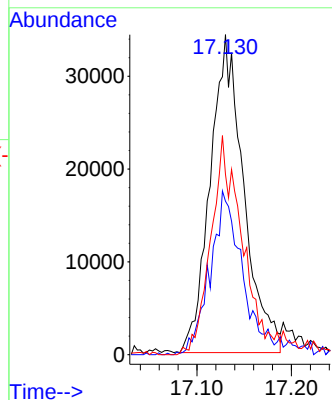
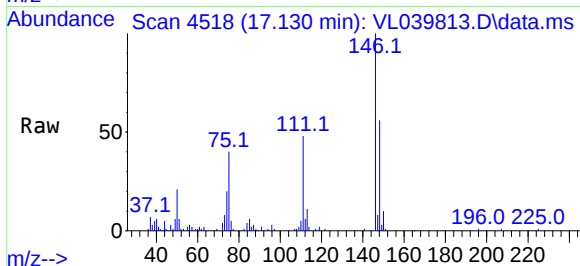




#77
1,2-Dichlorobenzene
Concen: 0.491 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

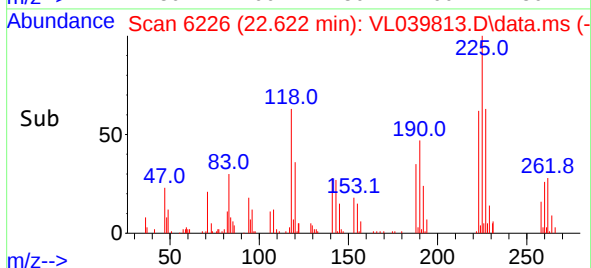
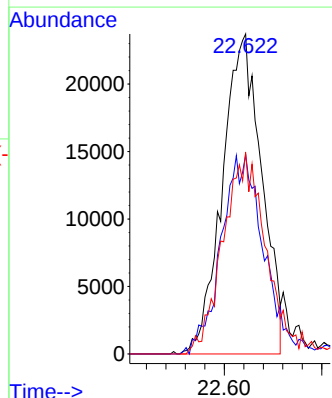
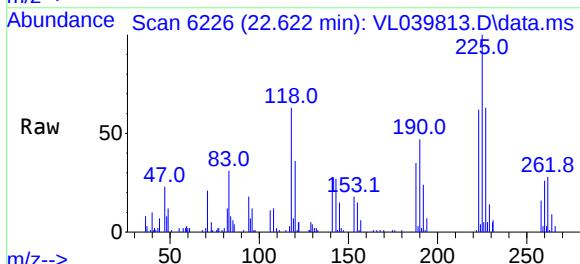
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

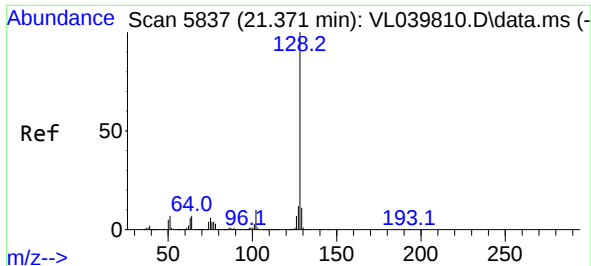
Tgt Ion:146 Resp: 84341
Ion Ratio Lower Upper
146 100
111 52.1 23.9 71.8
148 68.4 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 0.520 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:225 Resp: 66220
Ion Ratio Lower Upper
225 100
223 67.7 50.6 75.8
227 69.3 51.6 77.4

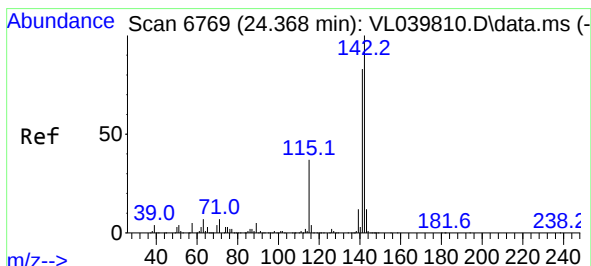
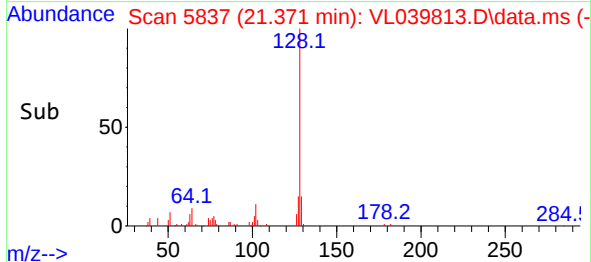
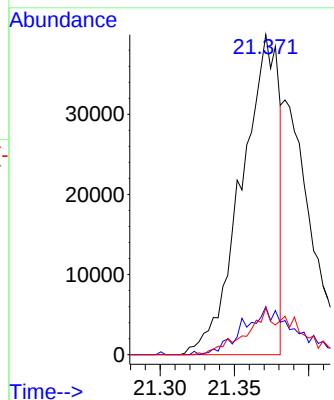
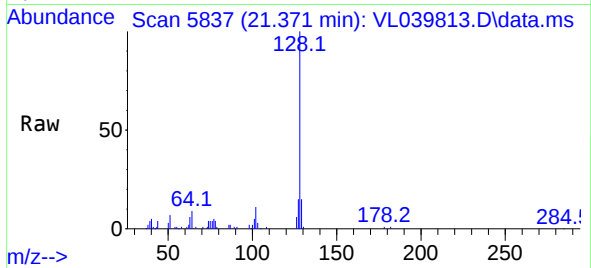




#79
Naphthalene
Concen: 0.307 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

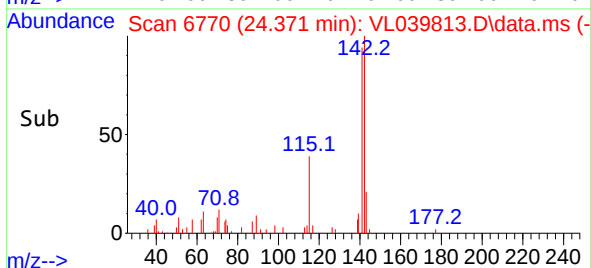
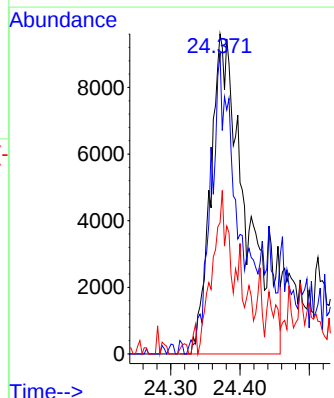
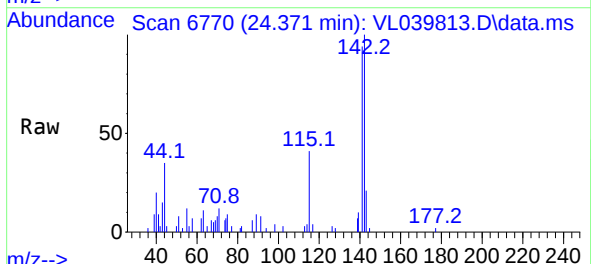
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

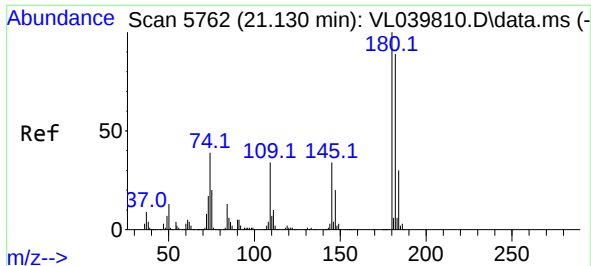
Tgt Ion:128 Resp: 69783
Ion Ratio Lower Upper
128 100
127 15.0 9.8 14.6#
129 14.6 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.358 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:142 Resp: 34461
Ion Ratio Lower Upper
142 100
141 80.9 65.1 97.7
115 34.8 29.1 43.7





#81

1,2,4-Trichlorobenzene

Concen: 0.458 ppbv

RT: 21.133 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL039813.D

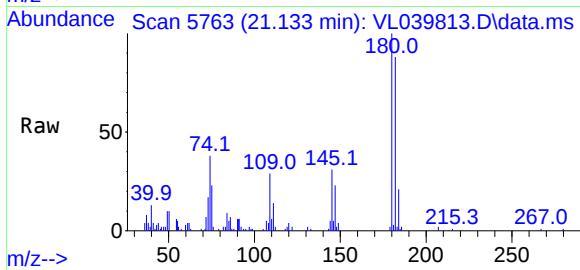
Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 58135

Ion Ratio Lower Upper

180 100

182 103.1 78.1 117.1

184 33.8 24.5 36.7

