

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039812.D
 Acq On : 2 Nov 2022 12:01
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 03 09:14:17 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	5.188	49	1092414	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3000946	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2866977	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	2144290	9.992	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	208105	1.128	ppbv	97
3) Chlorodifluoromethane	2.687	51	132186	1.015	ppbv	99
4) Chloromethane	2.822	50	81589	1.006	ppbv	98
5) Vinyl Chloride	2.931	62	64078	0.976	ppbv	97
6) Bromomethane	3.127	94	22176	0.947	ppbv	86
7) Chloroethane	3.208	64	24598	1.000	ppbv	94
8) Dichlorotetrafluoroethane	2.870	85	147877	0.941	ppbv	93
9) Propene	2.703	41	72278	1.065	ppbv	99
10) Heptane	7.568	43	164231	1.010	ppbv	95
11) Trichlorofluoromethane	3.568	101	149511	0.994	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.073	101	106379	0.979	ppbv	92
13) Ethanol	3.269	45	2801	0.584	ppbv #	26
14) Bromoethene	3.372	108	44446	0.914	ppbv #	89
15) Acetone	3.484	43	140645	1.058	ppbv	95
16) 1,3-Butadiene	2.996	39	60028	0.971	ppbv	96
17) tert-Butyl alcohol	3.896	59	114936	0.908	ppbv	96
18) 1,1-Dichloroethene	3.890	96	50138	1.007	ppbv	93
19) Isopropyl Alcohol	3.594	45	45222	0.687	ppbv #	34
20) Methylene Chloride	3.941	84	25570	0.538	ppbv	88
21) Allyl Chloride	4.005	41	78616	0.935	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	44284	0.876	ppbv	90
23) Vinyl Acetate	4.626	43	19801	0.374	ppbv #	93
24) 1,1-Dichloroethane	4.565	63	110729	1.023	ppbv	98
25) Ethyl Acetate	5.211	43	283463	1.035	ppbv #	98
26) Hexane	5.214	57	127073	1.041	ppbv	99
27) Carbon Disulfide	4.134	76	122318	0.954	ppbv	96
28) Methyl tert-Butyl Ether	4.597	73	106141	0.960	ppbv	92
29) Chloroform	5.272	83	167374	0.975	ppbv	97
30) Cyclohexane	6.590	84	52777	0.517	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	105008	0.943	ppbv	96
32) 1,1,1-Trichloroethane	5.999	97	170247	0.996	ppbv	95
34) 2-Butanone	4.796	43	117581	0.950	ppbv	100
35) Carbon Tetrachloride	6.481	117	180627	1.033	ppbv	95
36) Benzene	6.365	78	258433	1.021	ppbv	98
37) 1,2-Dichloroethane	5.799	62	116916	0.963	ppbv	97
38) Trichloroethene	7.278	130	129392	0.930	ppbv	98
39) 1,2-Dichloropropane	7.066	63	97046	0.984	ppbv	95
40) 1,4-Dioxane	7.295	88	12560	0.333	ppbv #	1
41) Tetrahydrofuran	5.568	42	88884	0.859	ppbv #	86
42) Bromodichloromethane	7.233	83	194133	1.001	ppbv	100
43) Methyl Methacrylate	7.471	69	95556	0.955	ppbv	92
44) 2,2,4-Trimethylpentane	7.314	57	441148	1.032	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	91890	0.959	ppbv	92

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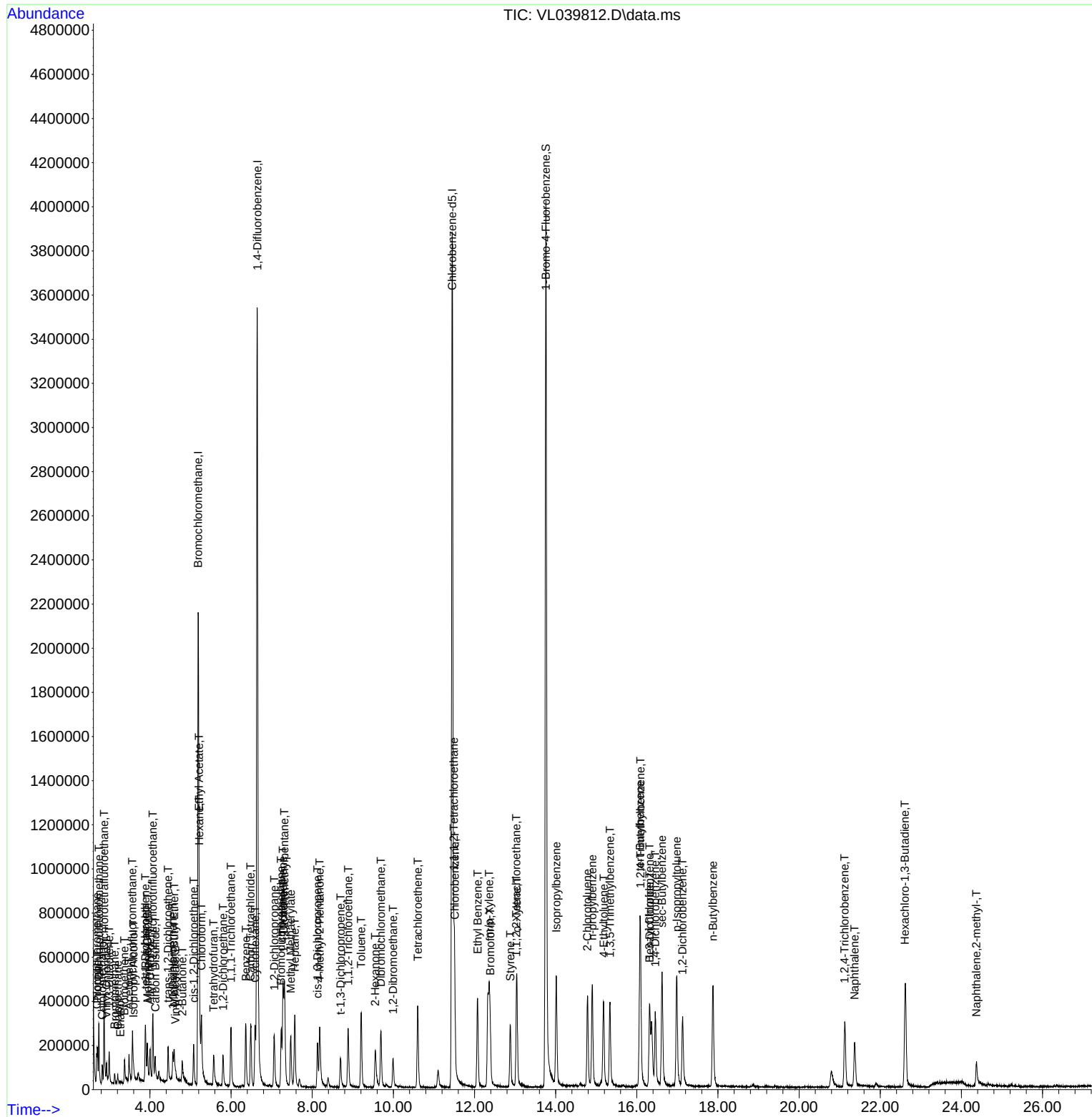
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	126026	0.963	ppbv	96
47) 1,1,2-Trichloroethane	8.886	97	93129	0.932	ppbv	96
48) Dibromochloromethane	9.693	129	167437	0.984	ppbv	100
49) Bromoform	12.391	173	135408	0.990	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	250457	0.988	ppbv	99
51) 2-Hexanone	9.555	43	160188	0.811	ppbv #	81
52) Tetrachloroethene	10.600	164	95674	1.001	ppbv	95
53) Toluene	9.208	91	290996	1.002	ppbv	98
54) 1,2-Dibromoethane	9.995	107	112557	1.015	ppbv	89
56) 1,1,1,2-Tetrachloroethane	11.490	131	125393	1.023	ppbv #	1
57) Chlorobenzene	11.513	112	219933	1.011	ppbv	97
58) Ethyl Benzene	12.076	91	400828	1.034	ppbv	95
59) m/p-Xylene	12.359	91	374057	1.156	ppbv #	45
60) o-Xylene	13.043	91	313019	1.021	ppbv	99
61) Styrene	12.883	104	190200	1.008	ppbv	100
62) Isopropylbenzene	14.018	105	468055	1.047	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.027	83	50140	0.439	ppbv #	24
64) n-propylbenzene	14.905	120	121213	1.013	ppbv	88
65) tert-Butylbenzene	16.079	119	417381	1.063	ppbv	98
66) Benzyl Chloride	16.310	91	16734	0.367	ppbv #	63
67) sec-Butylbenzene	16.622	105	553730	1.036	ppbv	99
69) p-Isopropyltoluene	16.982	119	458590	1.034	ppbv	98
70) n-Butylbenzene	17.879	91	450059	1.050	ppbv	100
71) 2-Chlorotoluene	14.783	91	342335	1.019	ppbv	99
72) 4-Ethyltoluene	15.182	105	350203	1.014	ppbv	98
73) 1,3,5-Trimethylbenzene	15.339	105	296369	0.968	ppbv	92
74) 1,2,4-Trimethylbenzene	16.092	105	334728	1.030	ppbv	93
75) 1,3-Dichlorobenzene	16.313	146	189548	0.998	ppbv	98
76) 1,4-Dichlorobenzene	16.455	146	172381	0.925	ppbv	92
77) 1,2-Dichlorobenzene	17.127	146	179012	1.000	ppbv	95
78) Hexachloro-1,3-Butadiene	22.609	225	61955	0.467	ppbv #	18
79) Naphthalene	21.365	128	112086	0.474	ppbv	96
80) Naphthalene,2-methyl-	24.371	142	102486	1.023	ppbv	96
81) 1,2,4-Trichlorobenzene	21.120	180	59118	0.447	ppbv #	1

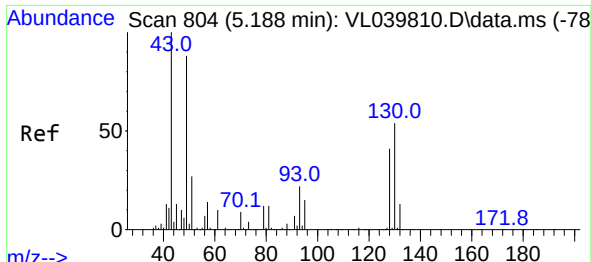
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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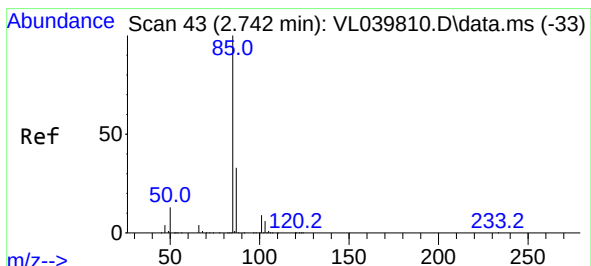
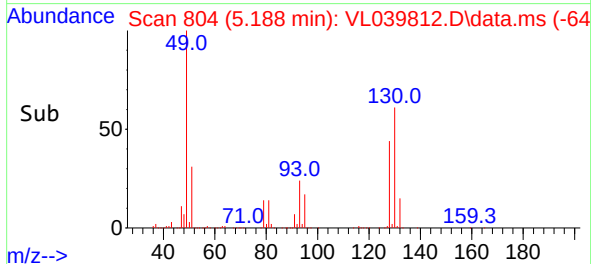
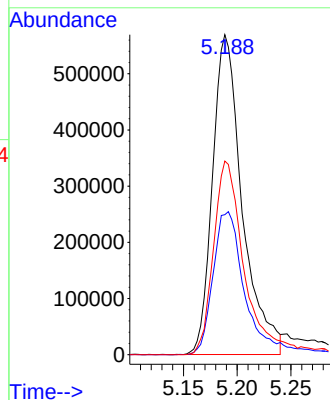
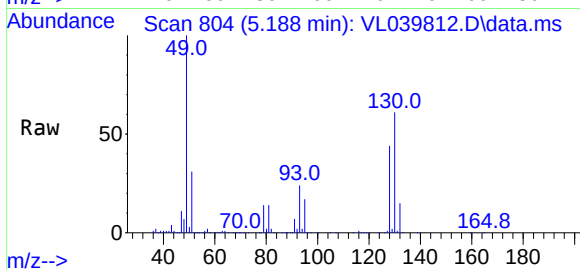




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL039812.D
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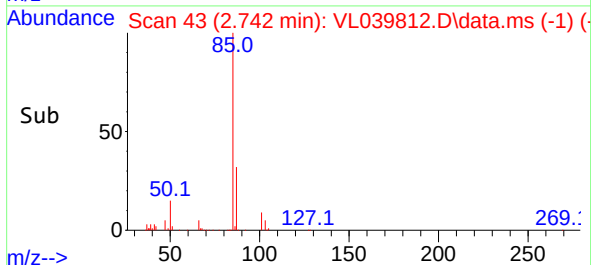
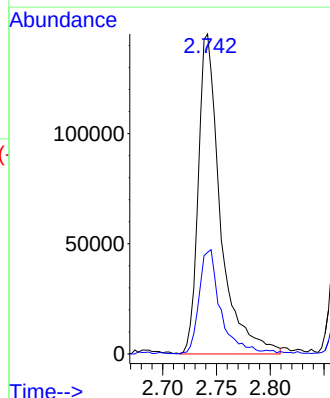
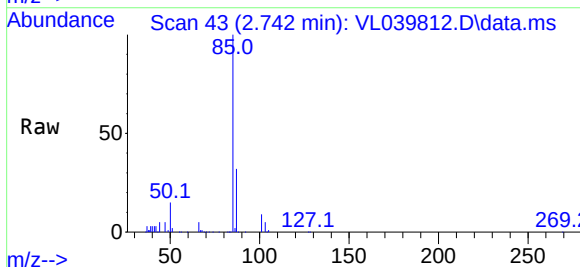
Instrument :
MSVOA_L
ClientSampleId :
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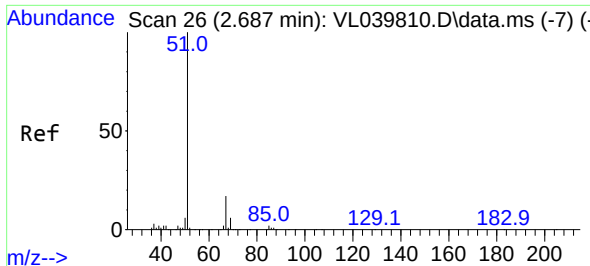
Tgt Ion: 49 Resp: 1092414
Ion Ratio Lower Upper
49 100
128 51.5 24.6 73.6
130 66.2 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 1.128 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 85 Resp: 208105
Ion Ratio Lower Upper
85 100
87 31.5 26.4 39.6

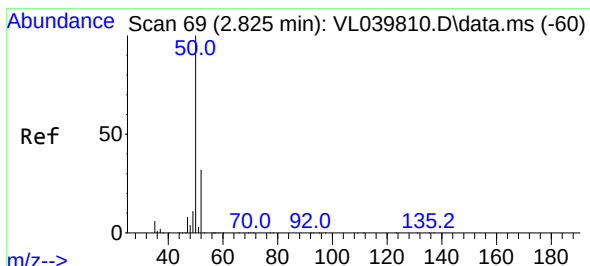
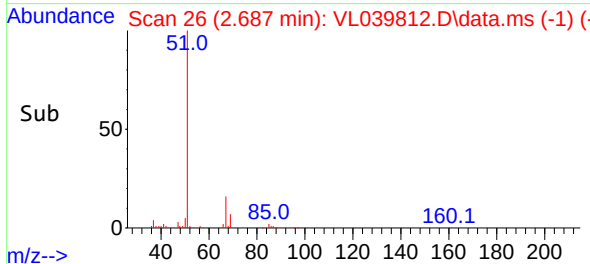
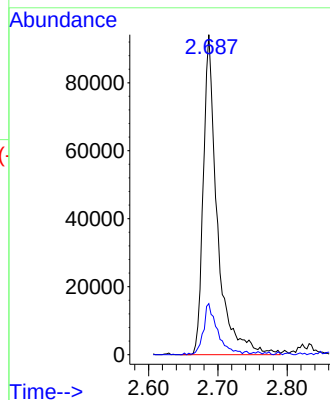
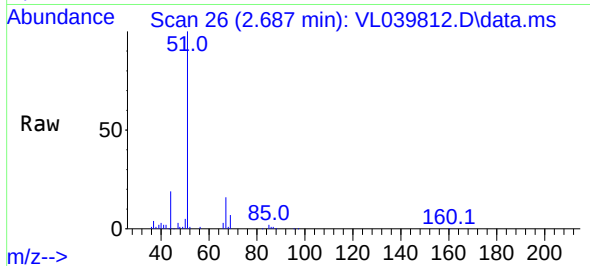




#3
Chlorodifluoromethane
Concen: 1.015 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

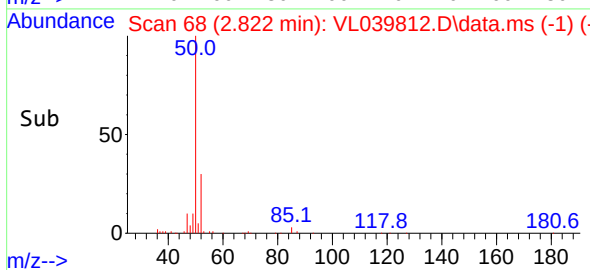
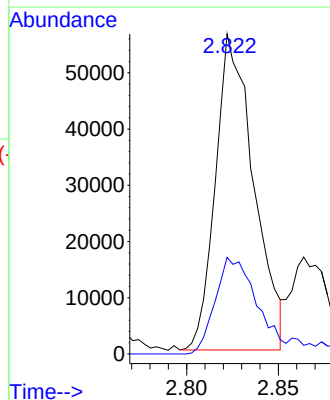
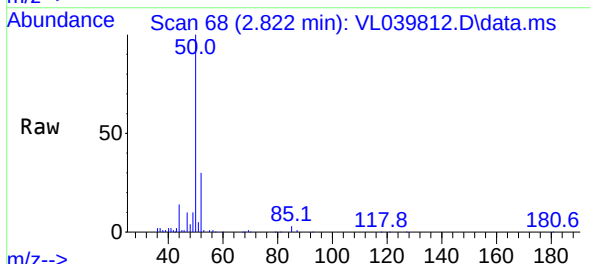
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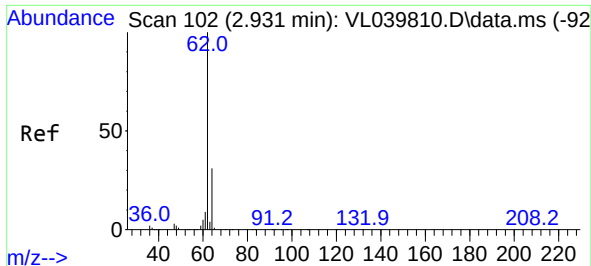
Tgt Ion: 51 Resp: 132186
Ion Ratio Lower Upper
51 100
67 17.1 13.2 19.8



#4
Chloromethane
Concen: 1.006 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 50 Resp: 81589
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

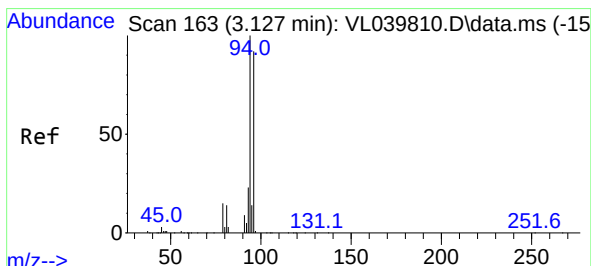
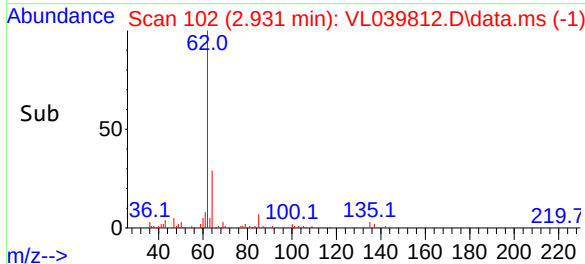
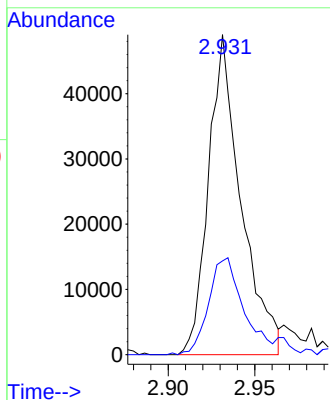
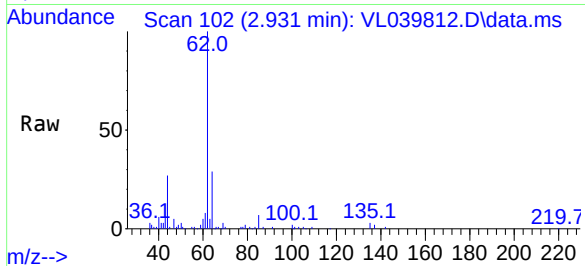




#5
 Vinyl Chloride
 Concen: 0.976 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

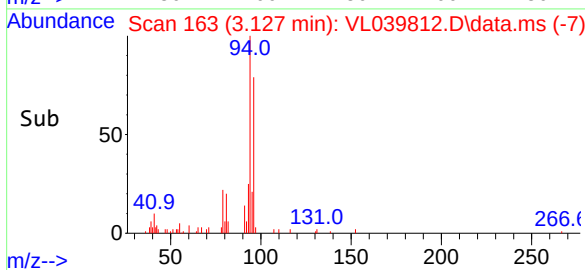
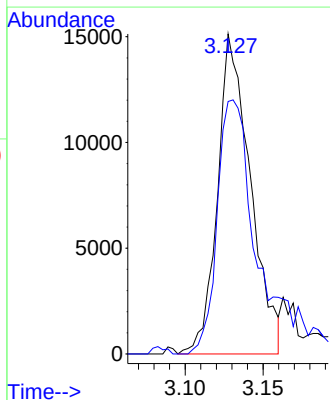
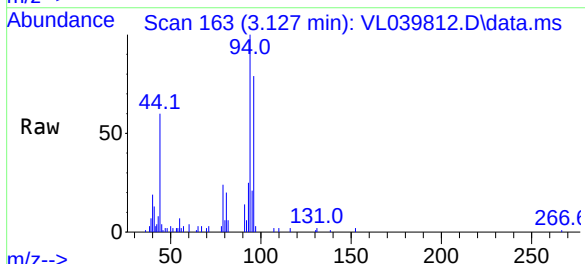
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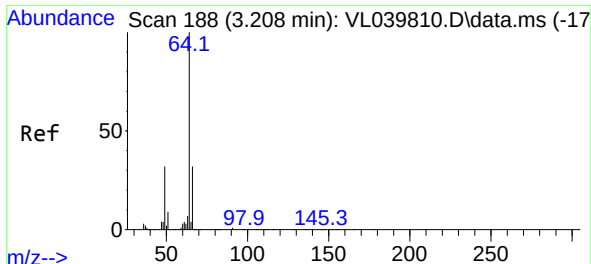
Tgt Ion: 62 Resp: 64078
 Ion Ratio Lower Upper
 62 100
 64 29.3 25.0 37.4



#6
 Bromomethane
 Concen: 0.947 ppbv
 RT: 3.127 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Tgt Ion: 94 Resp: 22176
 Ion Ratio Lower Upper
 94 100
 96 78.9 73.5 110.3

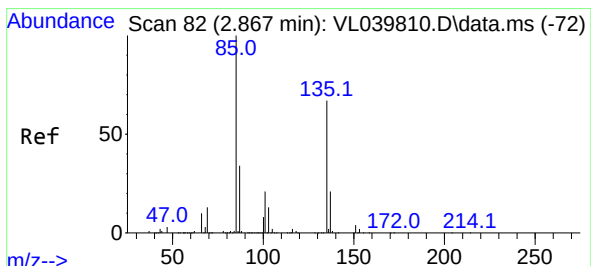
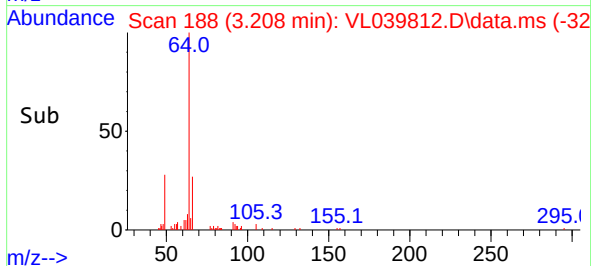
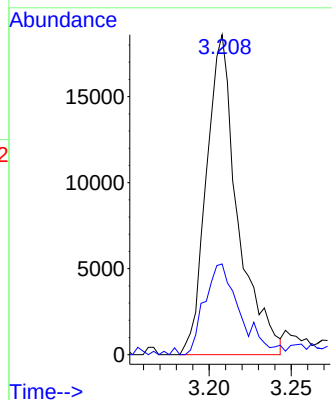
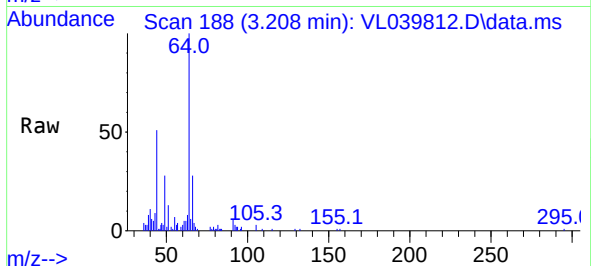




#7
Chloroethane
Concen: 1.000 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039812.D
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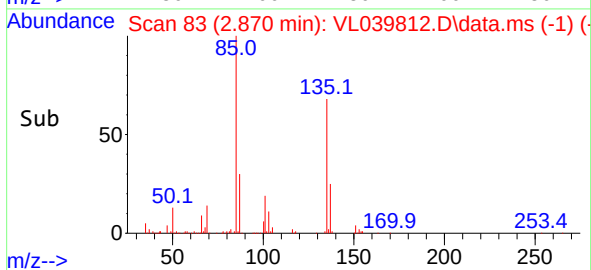
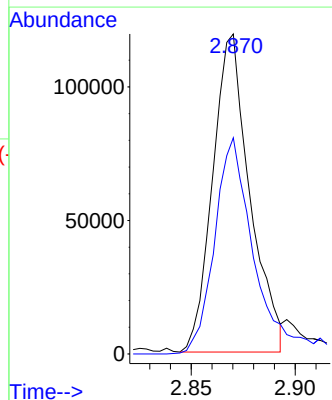
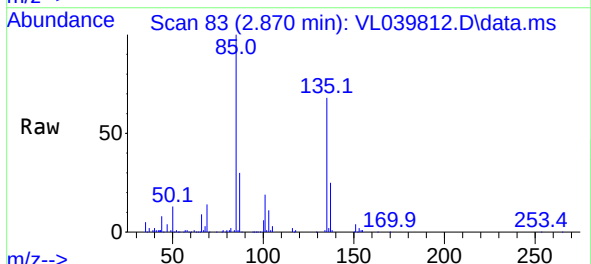
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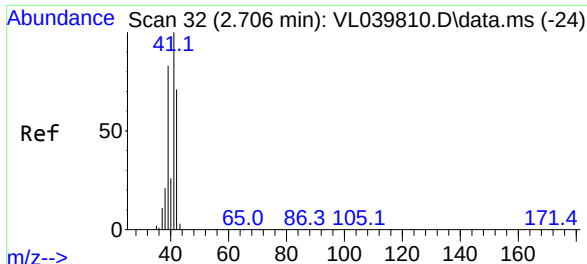
Tgt Ion: 64 Resp: 24598
Ion Ratio Lower Upper
64 100
66 28.4 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 0.941 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 85 Resp: 147877
Ion Ratio Lower Upper
85 100
135 76.7 56.7 85.1

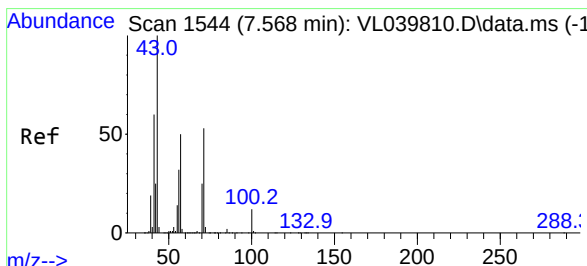
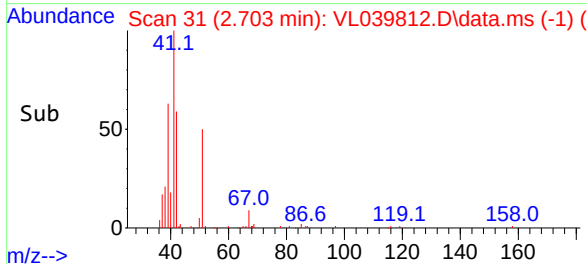
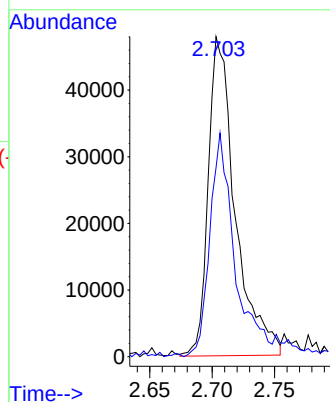
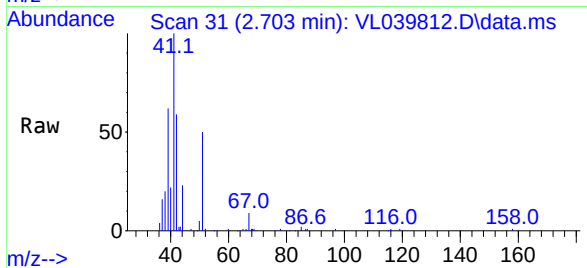




#9
Propene
Concen: 1.065 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

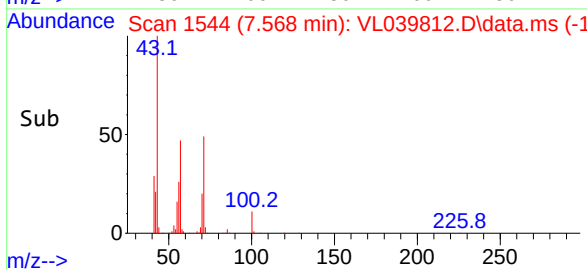
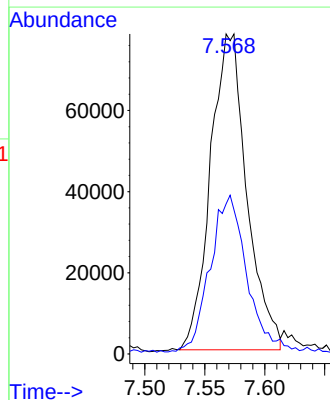
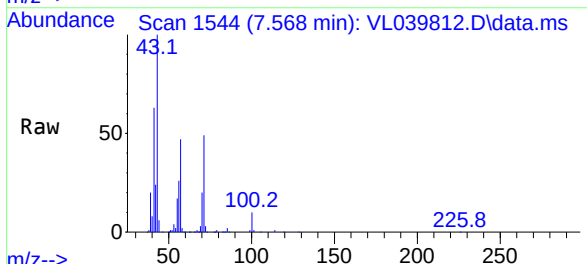
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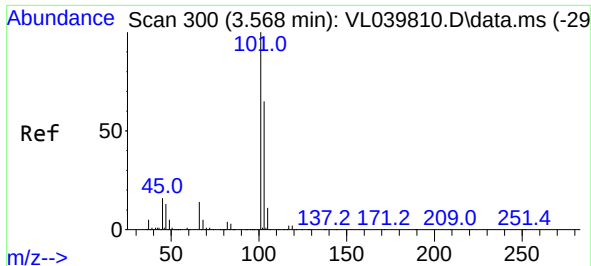
Tgt Ion: 41 Resp: 72278
Ion Ratio Lower Upper
41 100
42 71.3 56.3 84.5



#10
Heptane
Concen: 1.010 ppbv
RT: 7.568 min Scan# 1544
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Tgt Ion: 43 Resp: 164231
Ion Ratio Lower Upper
43 100
57 53.8 40.5 60.7

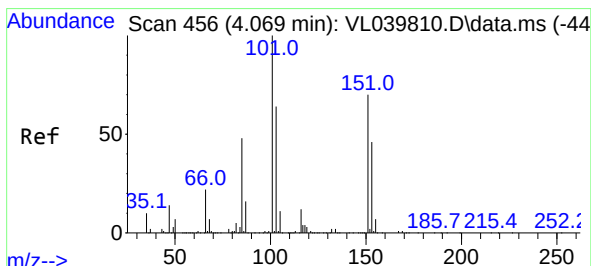
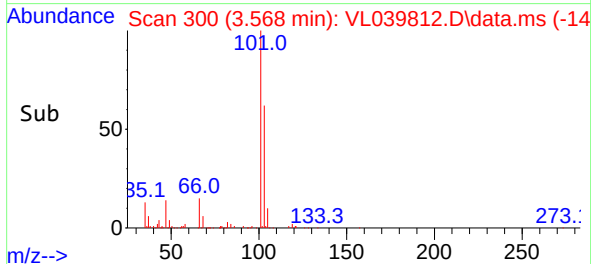
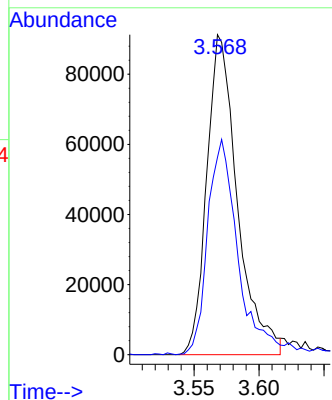
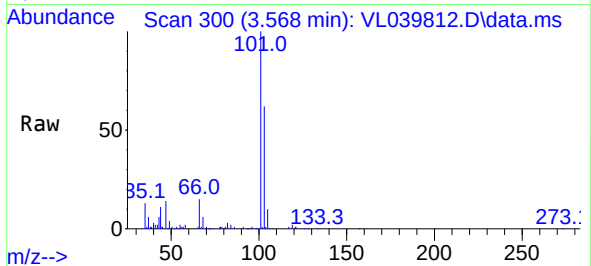




#11
 Trichlorofluoromethane
 Concen: 0.994 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

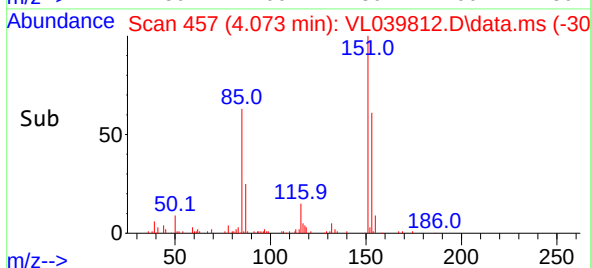
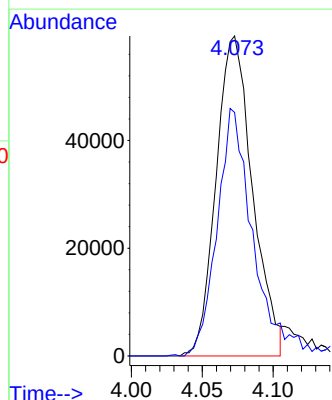
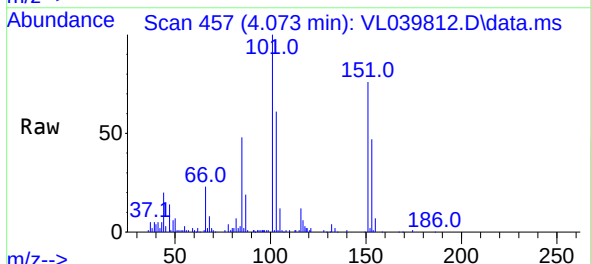
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

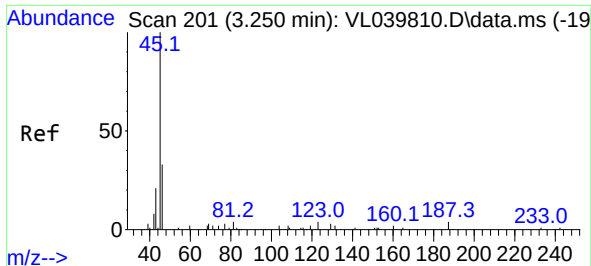
Tgt Ion:101 Resp: 149511
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.979 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Tgt Ion:101 Resp: 106379
 Ion Ratio Lower Upper
 101 100
 151 78.2 57.2 85.8

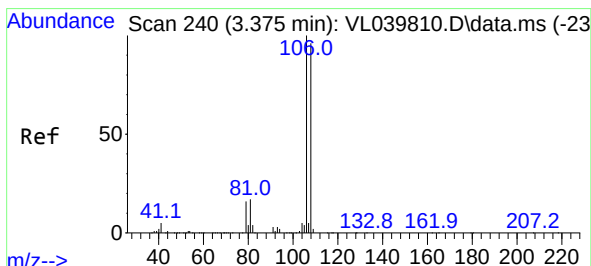
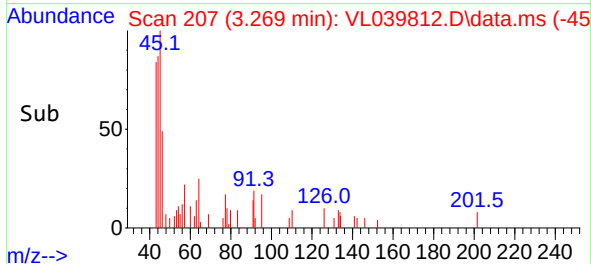
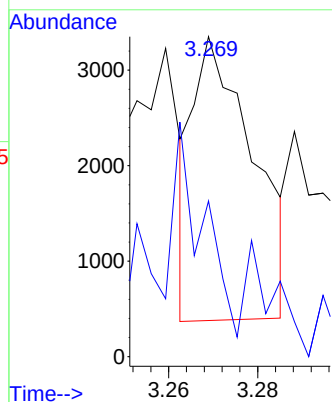
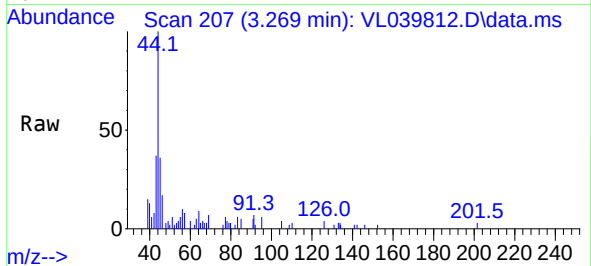




#13
Ethanol
Concen: 0.584 ppbv
RT: 3.269 min Scan# 201
Delta R.T. 0.019 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

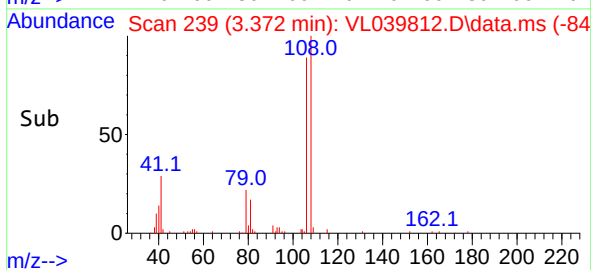
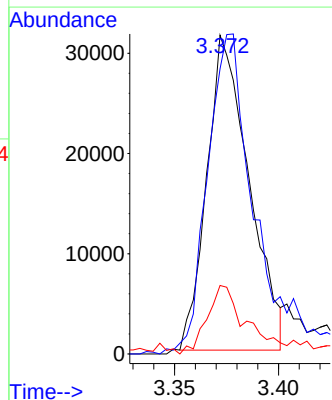
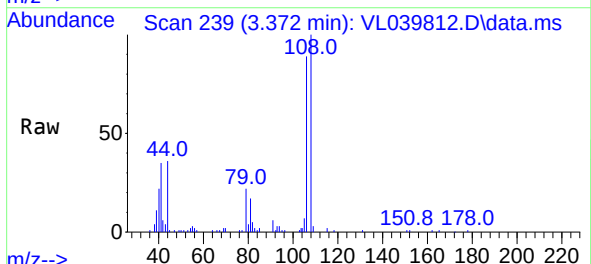
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

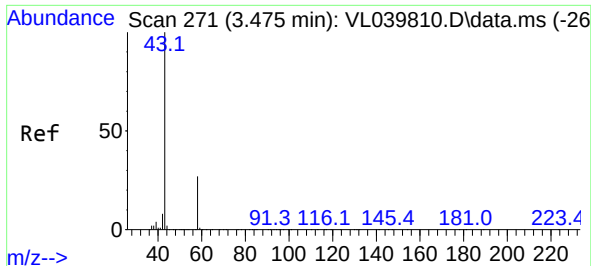
Tgt Ion: 45 Resp: 2801
Ion Ratio Lower Upper
45 100
46 87.7 16.5 65.9#



#14
Bromoethene
Concen: 0.914 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 108 Resp: 44446
Ion Ratio Lower Upper
108 100
106 121.9 87.8 131.8
79 22.1 14.5 21.7#

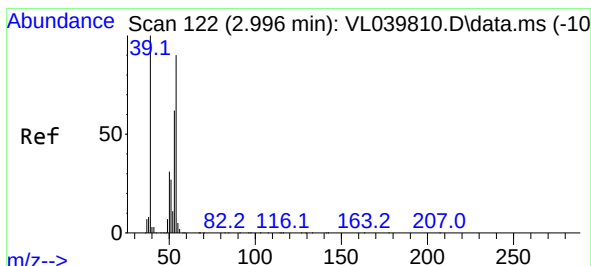
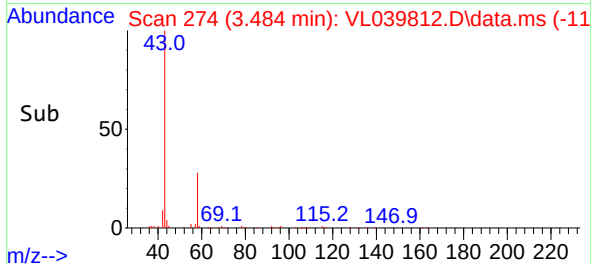
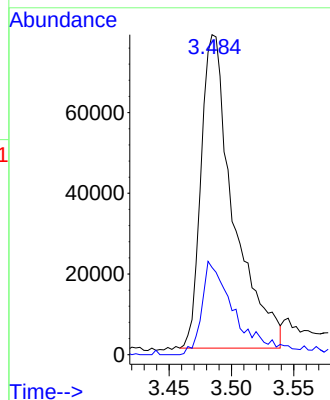
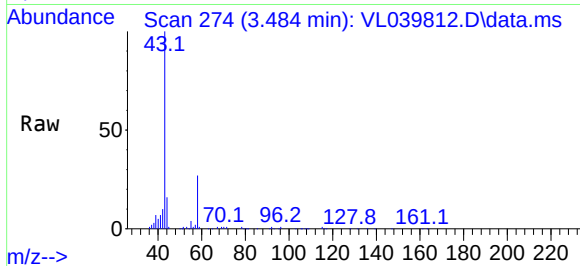




#15
Acetone
Concen: 1.058 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

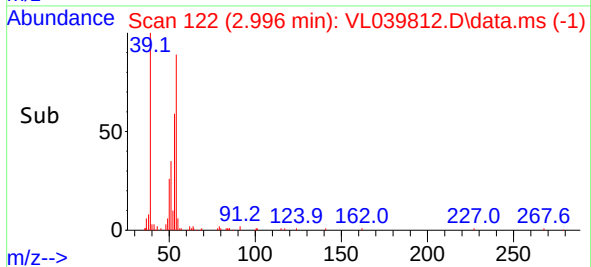
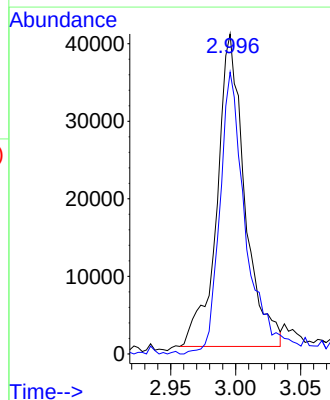
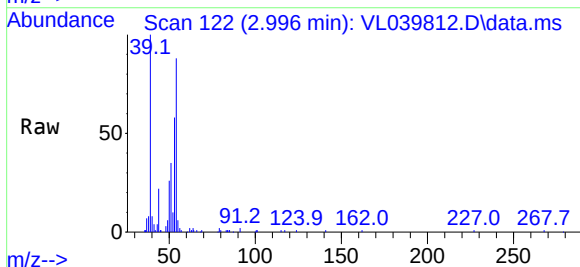
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

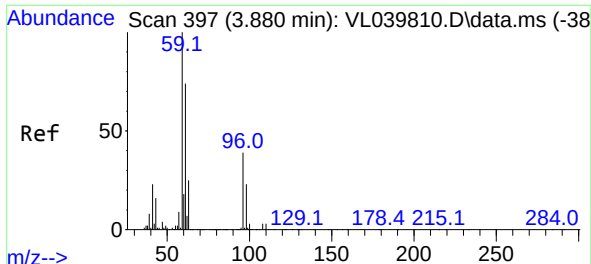
Tgt Ion: 43 Resp: 140645
Ion Ratio Lower Upper
43 100
58 31.8 23.2 34.8



#16
1,3-Butadiene
Concen: 0.971 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 39 Resp: 60028
Ion Ratio Lower Upper
39 100
54 85.2 71.0 106.4

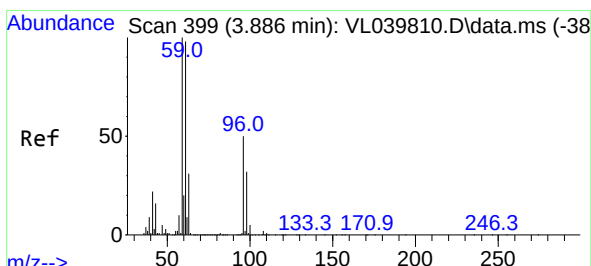
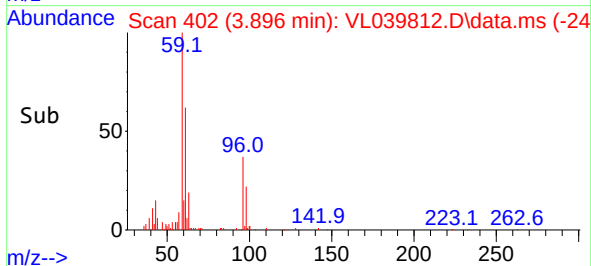
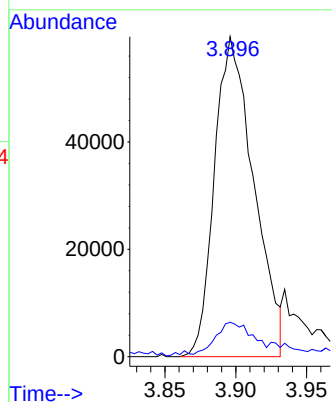
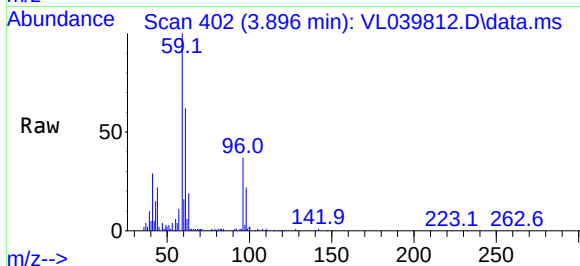




#17
tert-Butyl alcohol
Concen: 0.908 ppbv
RT: 3.896 min Scan# 401
Delta R.T. 0.016 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

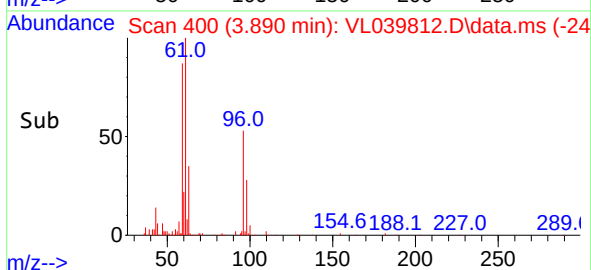
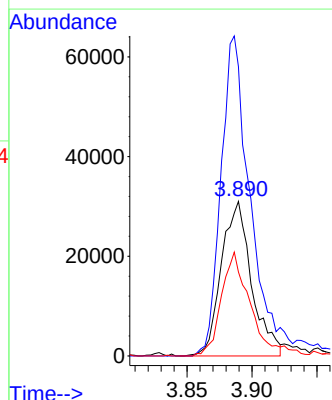
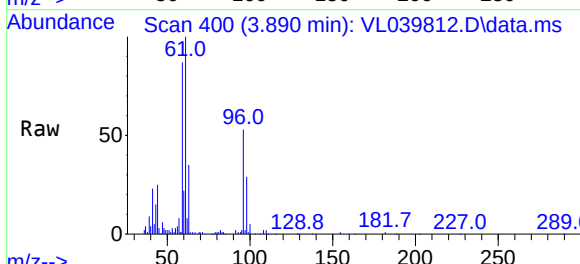
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

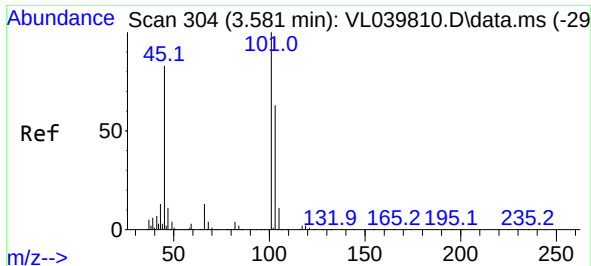
Tgt Ion: 59 Resp: 114936
Ion Ratio Lower Upper
59 100
57 13.0 9.0 13.6



#18
1,1-Dichloroethene
Concen: 1.007 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 96 Resp: 50138
Ion Ratio Lower Upper
96 100
61 187.1 156.9 235.3
98 54.3 50.6 75.8

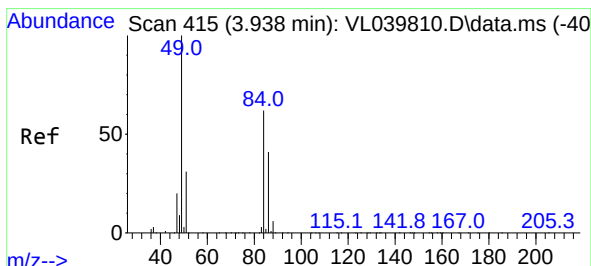
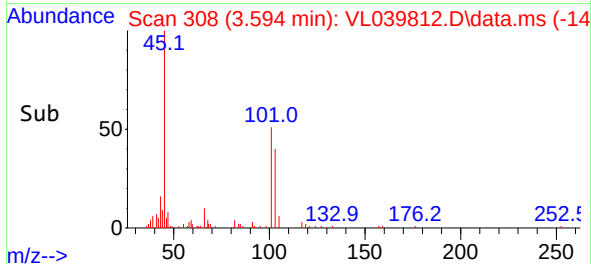
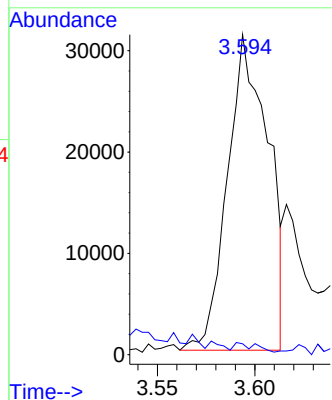
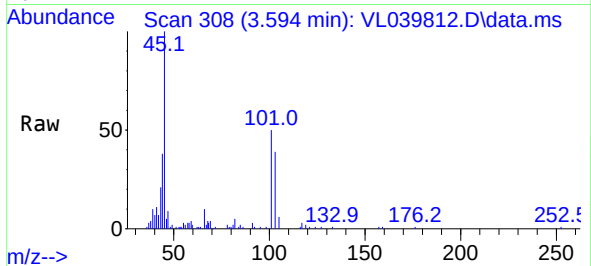




#19
Isopropyl Alcohol
Concen: 0.687 ppbv
RT: 3.594 min Scan# 304
Delta R.T. 0.013 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

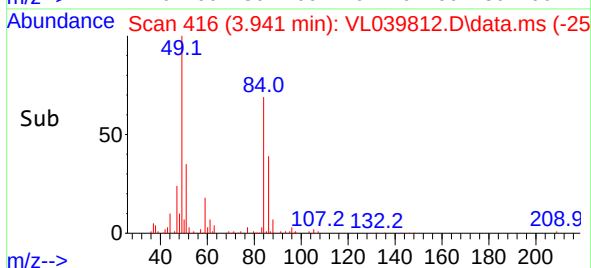
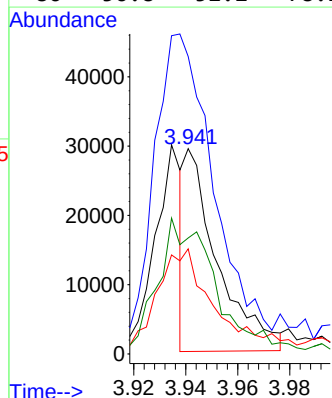
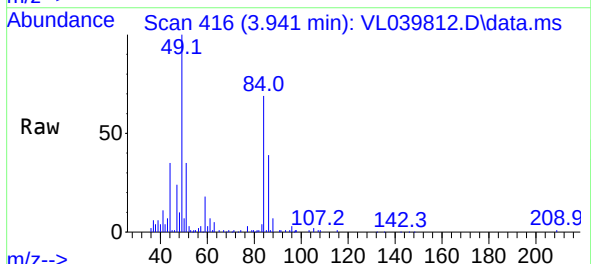
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

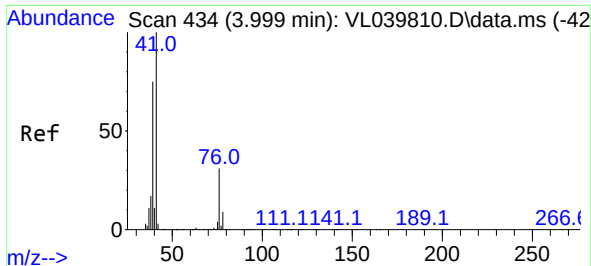
Tgt Ion: 45 Resp: 45222
Ion Ratio Lower Upper
45 100
58 3.4 38.3 57.5#



#20
Methylene Chloride
Concen: 0.538 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 84 Resp: 25570
Ion Ratio Lower Upper
84 100
49 139.6 128.6 192.8
51 49.8 40.2 60.4
86 56.8 52.2 78.2

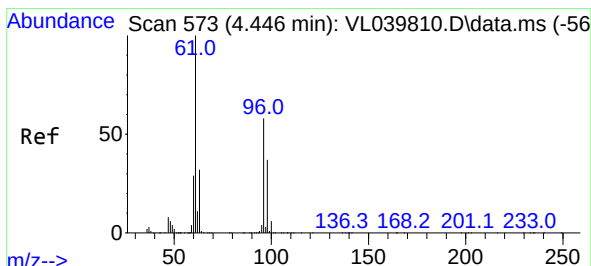
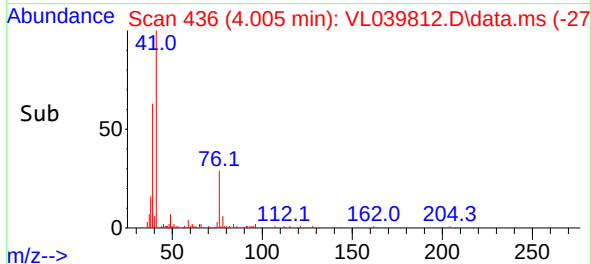
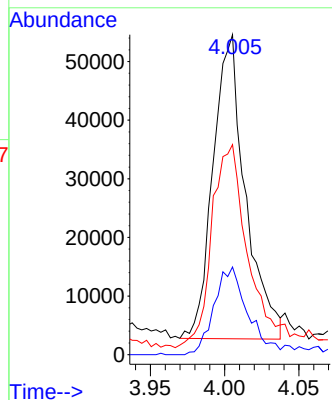
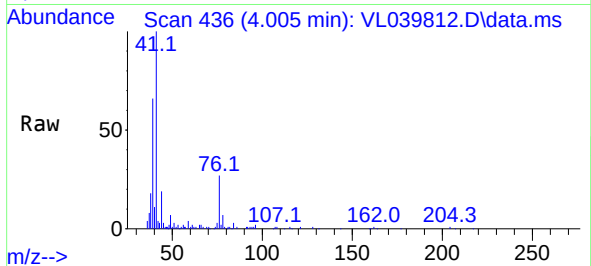




#21
 Allyl Chloride
 Concen: 0.935 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

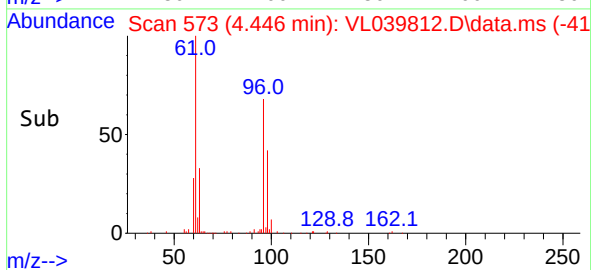
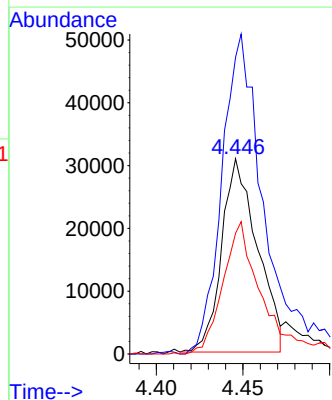
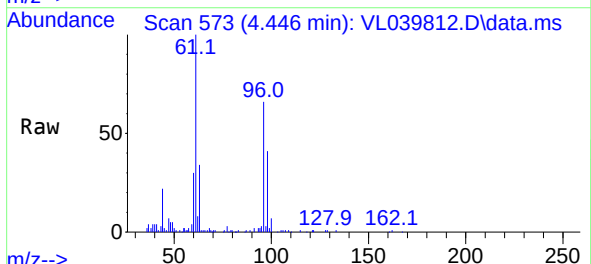
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

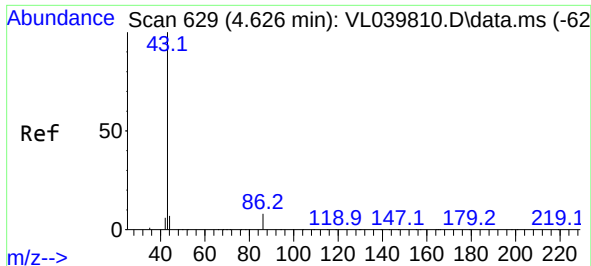
Tgt Ion: 41 Resp: 78616
 Ion Ratio Lower Upper
 41 100
 76 33.0 24.1 36.1
 39 79.7 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 0.876 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Tgt Ion: 96 Resp: 44284
 Ion Ratio Lower Upper
 96 100
 61 153.6 137.6 206.4
 98 62.4 51.2 76.8



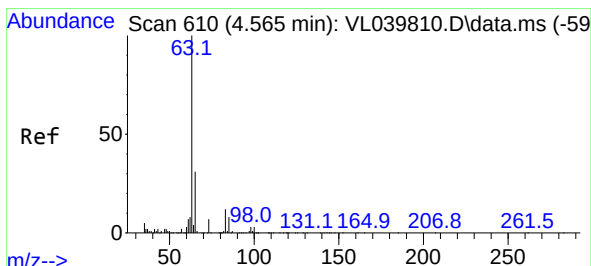
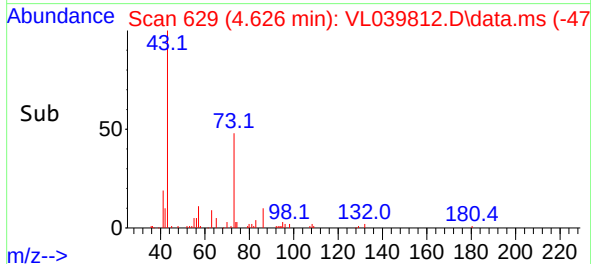
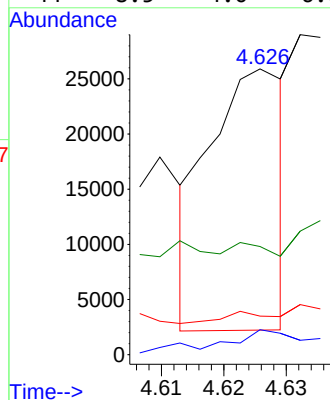
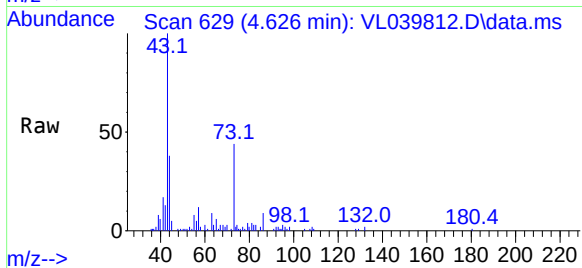


#23
 Vinyl Acetate
 Concen: 0.374 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 19801

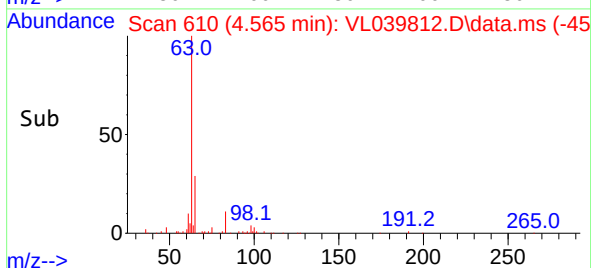
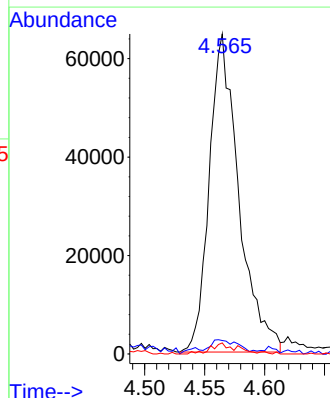
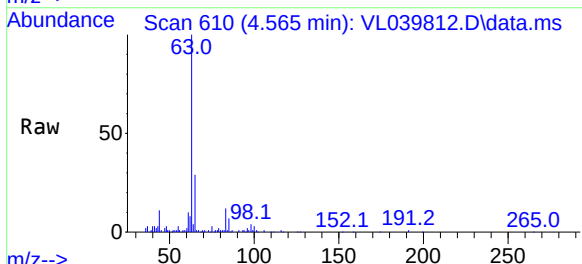
Ion	Ratio	Lower	Upper
43	100		
86	8.3	5.0	7.4#
42	6.3	6.8	10.2#
44	8.5	4.0	6.0#

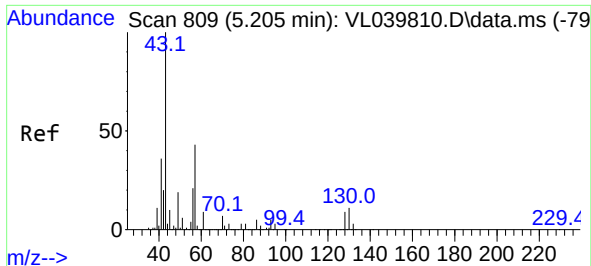


#24
 1,1-Dichloroethane
 Concen: 1.023 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Tgt Ion: 63 Resp: 110729

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.8	5.4
100	3.5	1.5	4.4



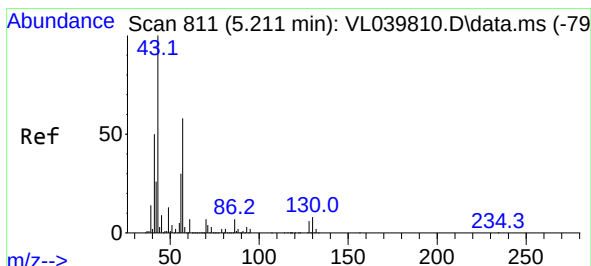
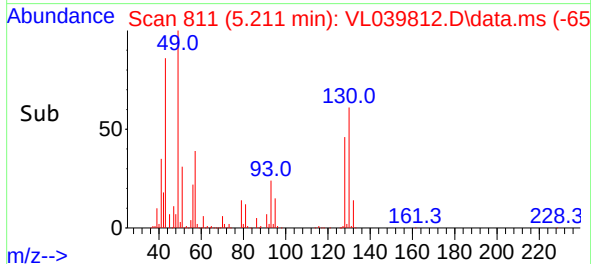
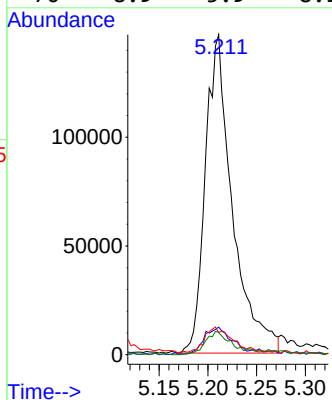
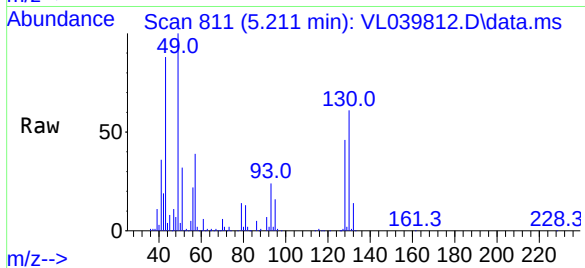


#25
Ethyl Acetate
Concen: 1.035 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 283463

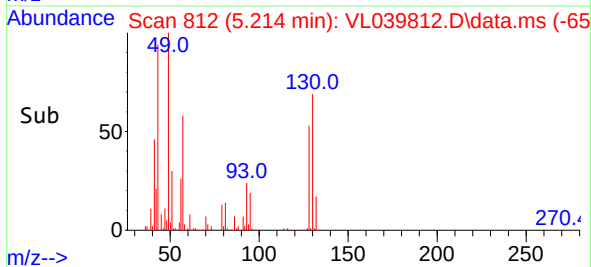
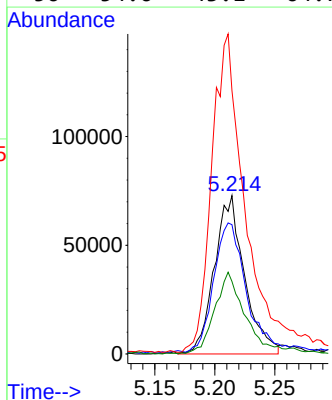
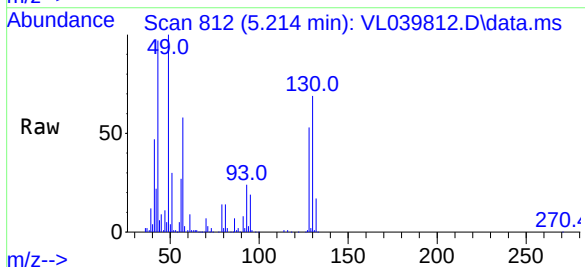
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.9	8.1	12.1
70	8.9	5.9	8.9

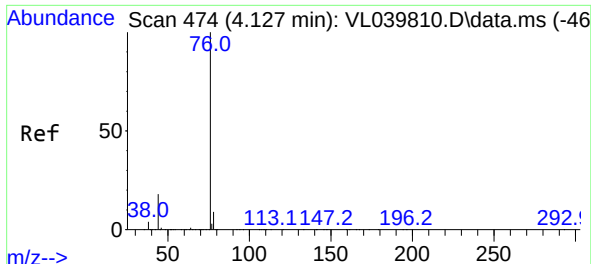


#26
Hexane
Concen: 1.041 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 57 Resp: 127073

Ion	Ratio	Lower	Upper
57	100		
41	95.5	73.7	110.5
43	238.5	189.8	284.8
56	54.6	43.1	64.7

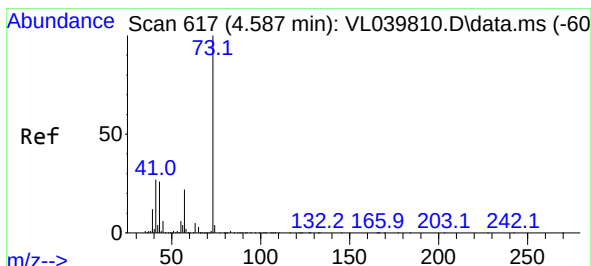
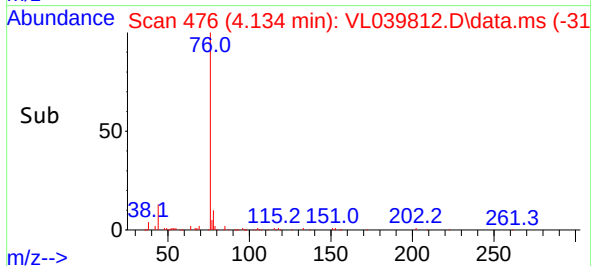
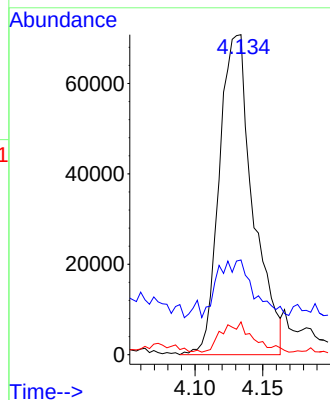
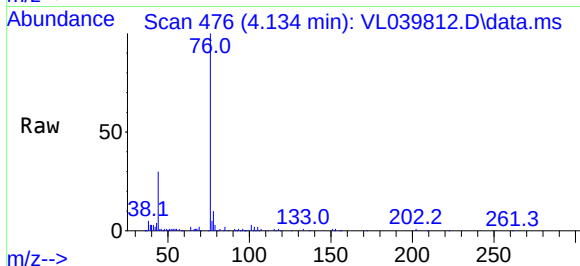




#27
Carbon Disulfide
Concen: 0.954 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

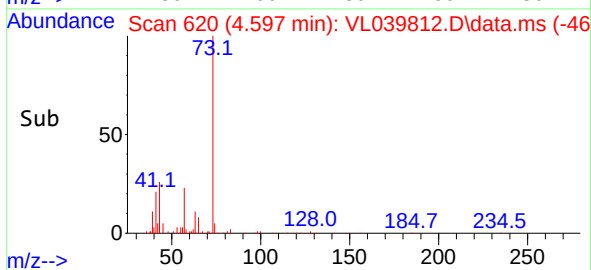
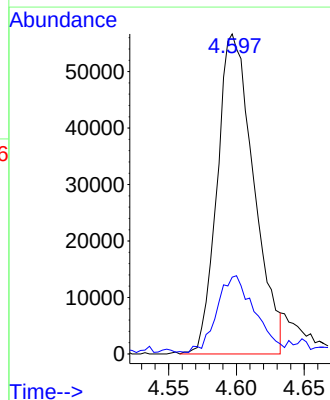
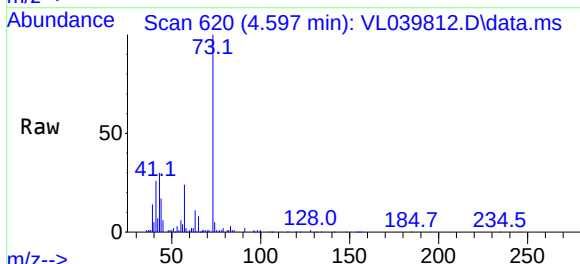
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

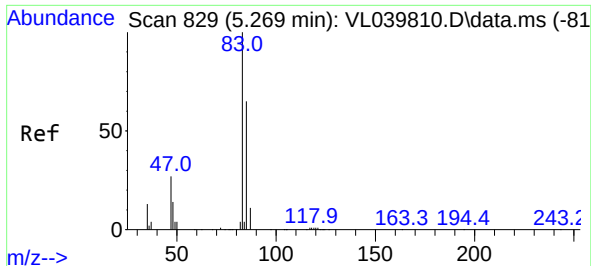
Tgt Ion: 76 Resp: 122318
Ion Ratio Lower Upper
76 100
44 20.7 14.6 22.0
78 10.1 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 0.960 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.010 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 73 Resp: 106141
Ion Ratio Lower Upper
73 100
57 28.1 19.4 29.2





#29

Chloroform

Concen: 0.975 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Instrument :

MSVOA_L

ClientSampleId :

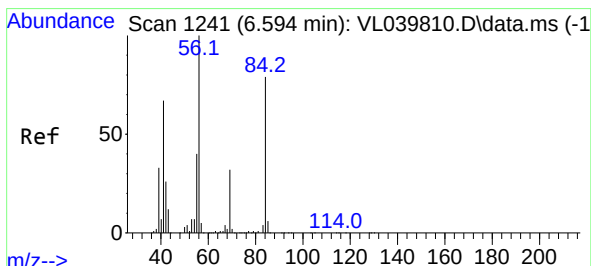
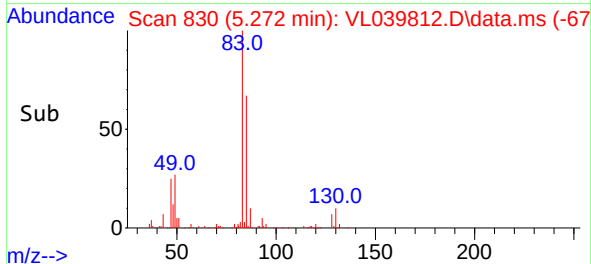
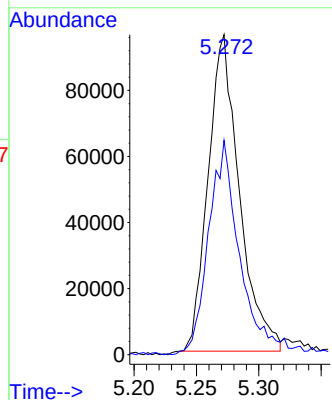
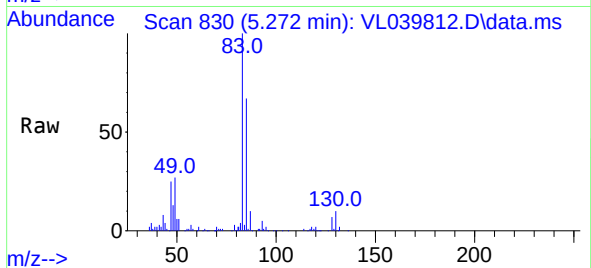
VSTDIC001

Tgt Ion: 83 Resp: 167374

Ion Ratio Lower Upper

83 100

85 66.7 51.6 77.4



#30

Cyclohexane

Concen: 0.517 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.003 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

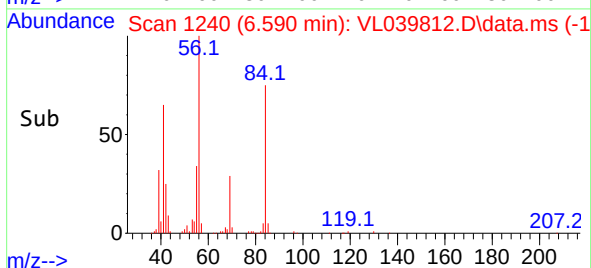
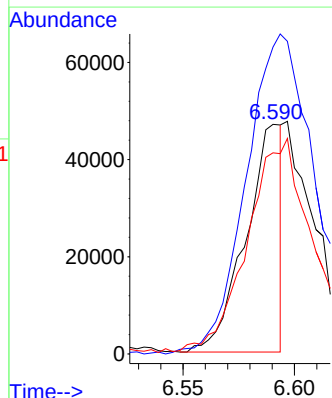
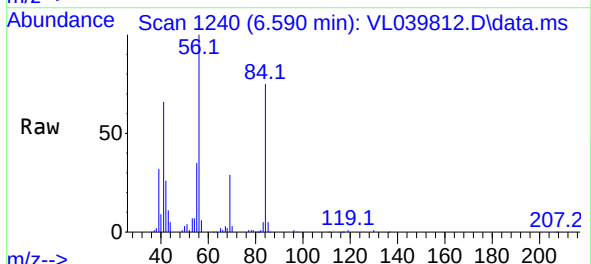
Tgt Ion: 84 Resp: 52777

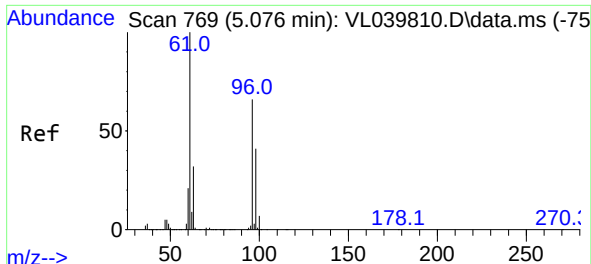
Ion Ratio Lower Upper

84 100

56 273.9 114.8 172.2#

41 0.0 68.6 103.0#

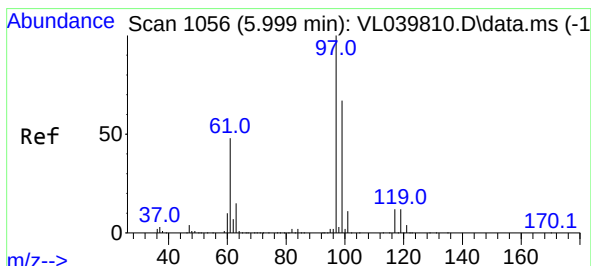
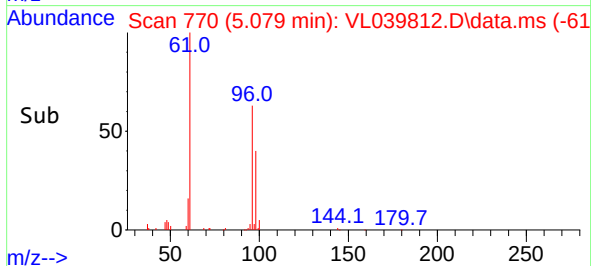
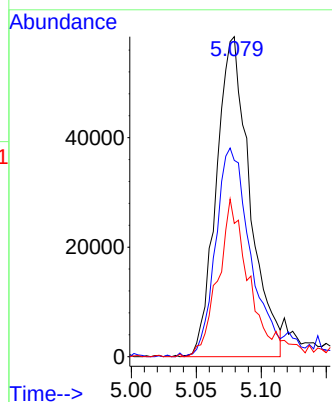
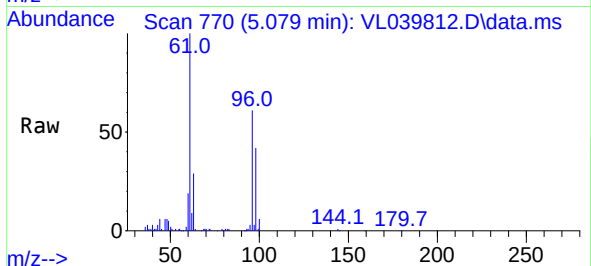




#31
cis-1,2-Dichloroethene
Concen: 0.943 ppbv
RT: 5.079 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

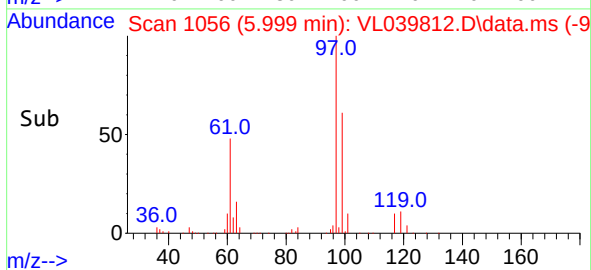
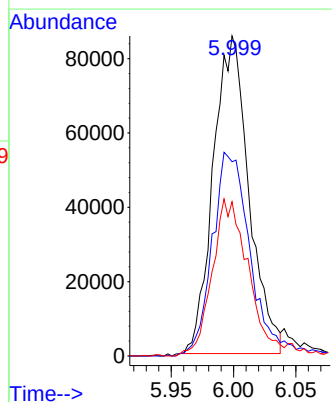
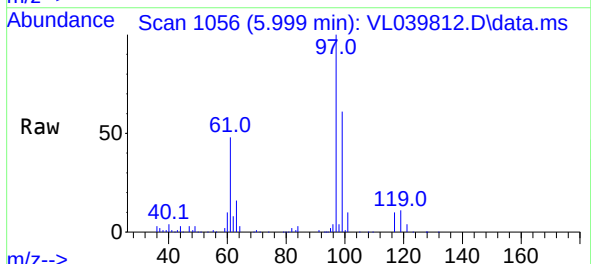
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

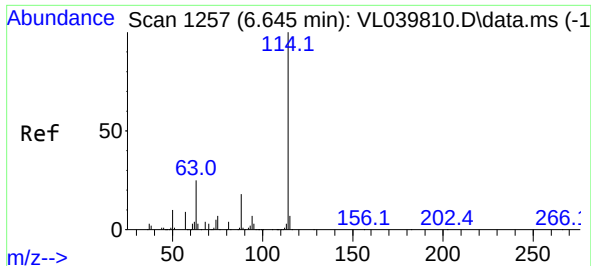
Tgt Ion: 61 Resp: 105008
Ion Ratio Lower Upper
61 100
96 60.2 52.6 78.8
98 40.9 32.6 48.8



#32
1,1,1-Trichloroethane
Concen: 0.996 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 97 Resp: 170247
Ion Ratio Lower Upper
97 100
99 69.6 52.7 79.1
61 52.3 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001

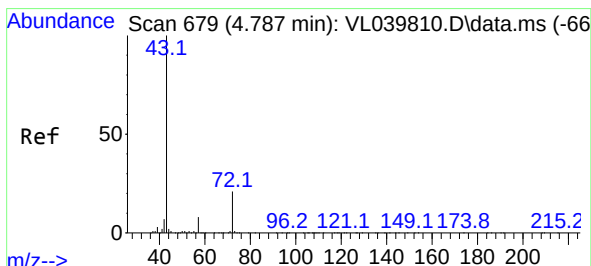
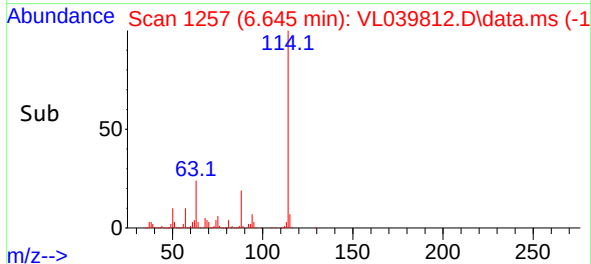
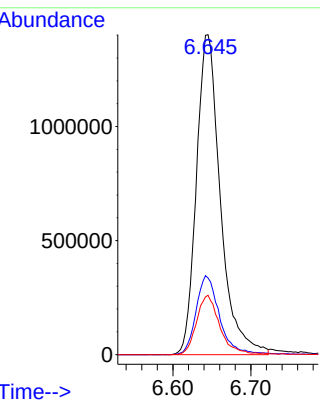
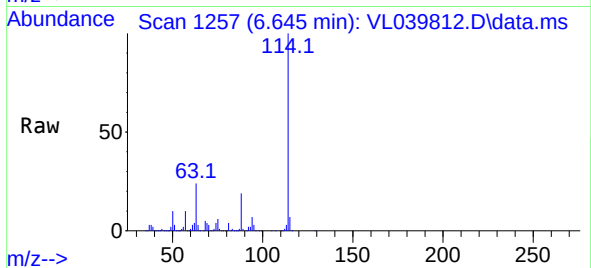
Tgt Ion:114 Resp: 3000946

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

88 18.2 14.4 21.6



#34

2-Butanone

Concen: 0.950 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.010 min

Lab File: VL039812.D

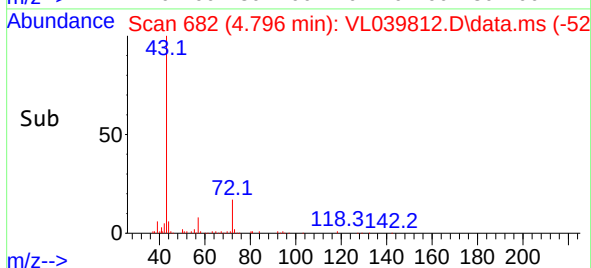
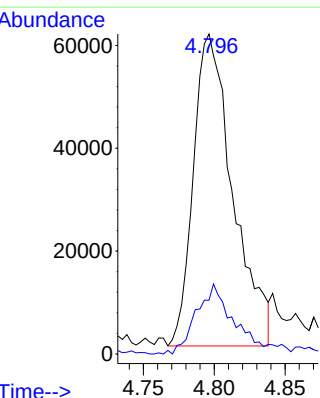
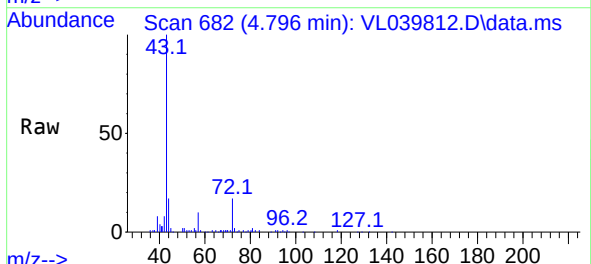
Acq: 2 Nov 2022 12:01

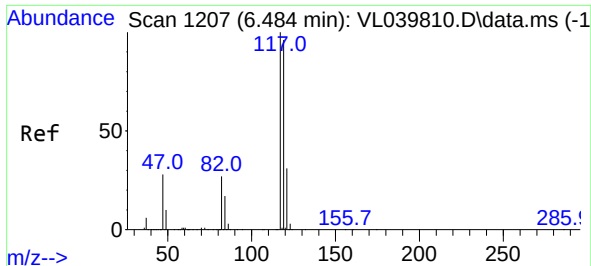
Tgt Ion: 43 Resp: 117581

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3

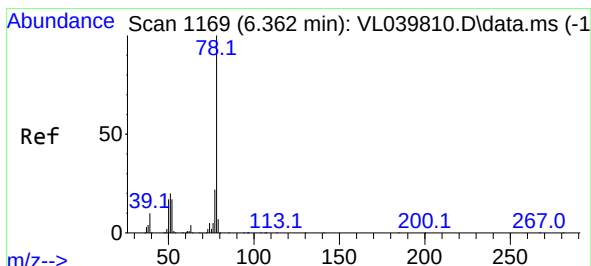
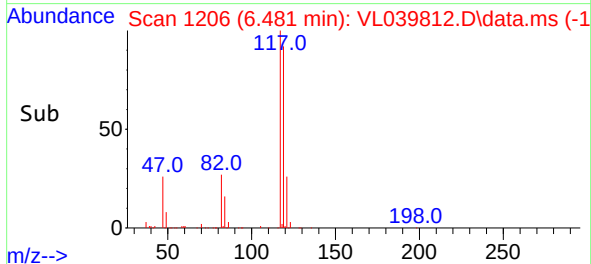
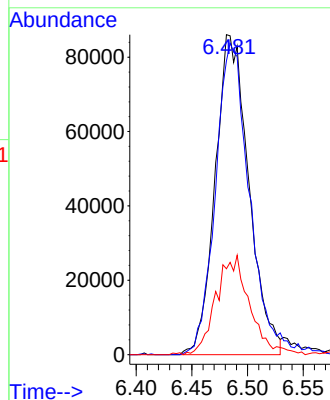
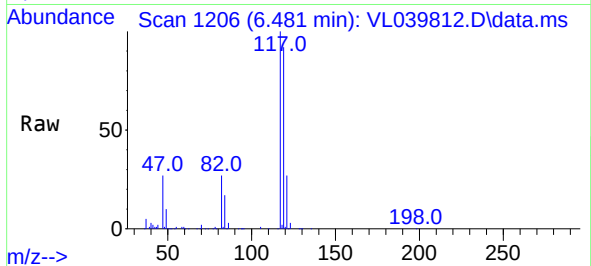




#35
Carbon Tetrachloride
Concen: 1.033 ppbv
RT: 6.481 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

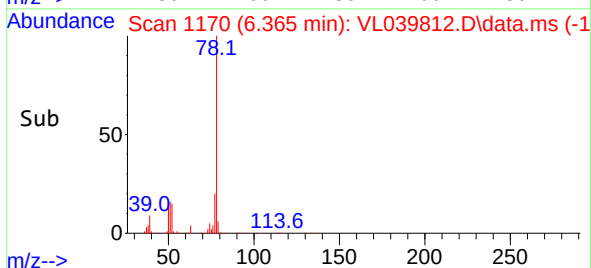
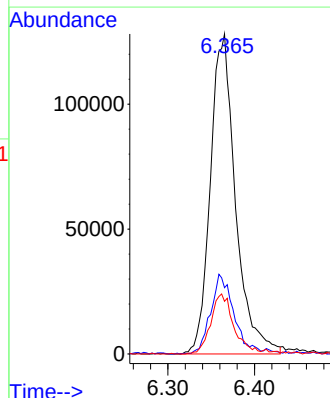
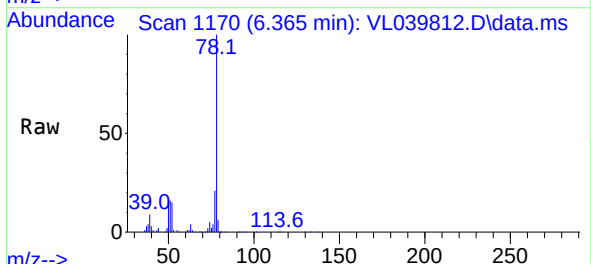
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

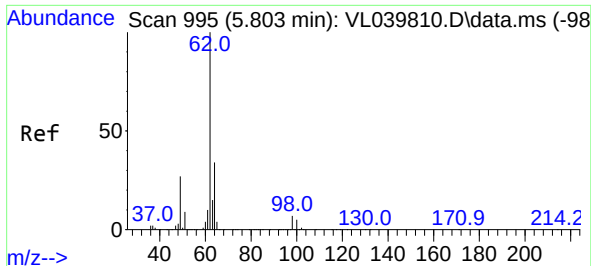
Tgt Ion:117 Resp: 180627
Ion Ratio Lower Upper
117 100
119 91.8 76.5 114.7
121 26.2 25.2 37.8



#36
Benzene
Concen: 1.021 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 78 Resp: 258433
Ion Ratio Lower Upper
78 100
77 20.7 17.4 26.2
50 16.5 13.9 20.9





#37

1,2-Dichloroethane

Concen: 0.963 ppbv

RT: 5.799 min Scan# 995

Delta R.T. -0.003 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Instrument :

MSVOA_L

ClientSampleId :

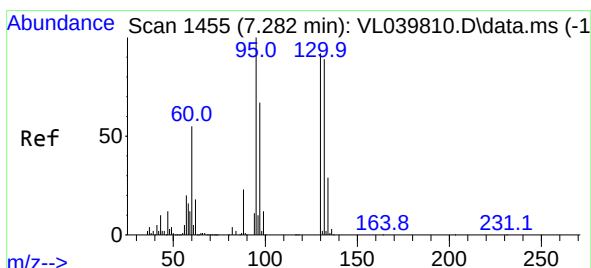
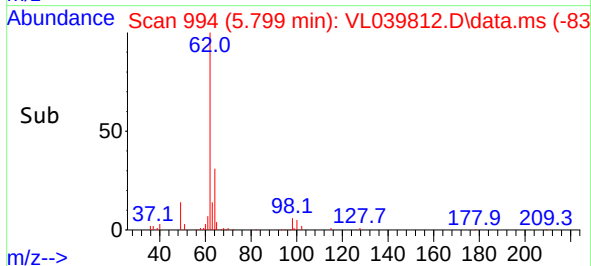
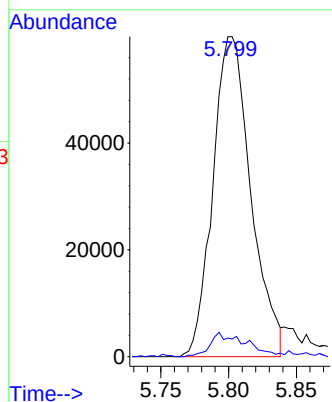
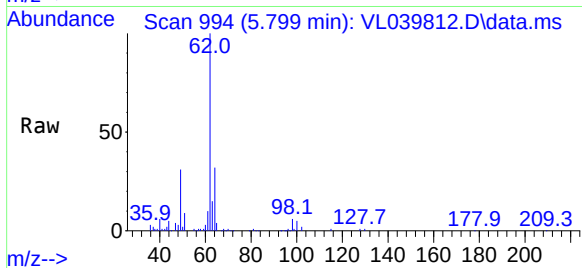
VSTDIC001

Tgt Ion: 62 Resp: 116916

Ion Ratio Lower Upper

62 100

98 8.0 5.4 8.2



#38

Trichloroethene

Concen: 0.930 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.003 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Tgt Ion:130 Resp: 129392

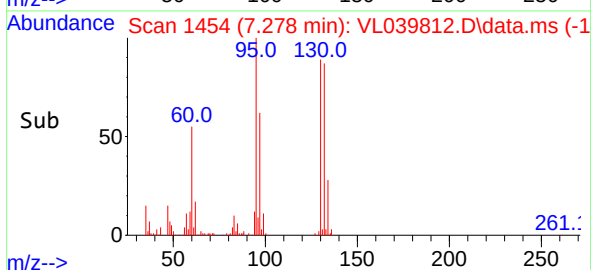
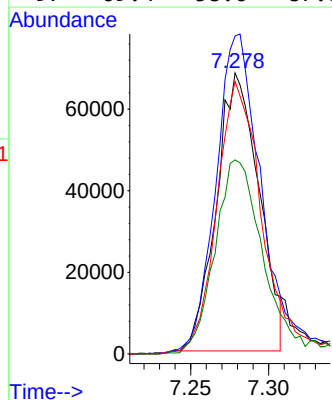
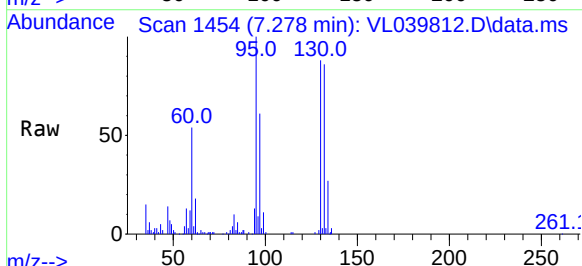
Ion Ratio Lower Upper

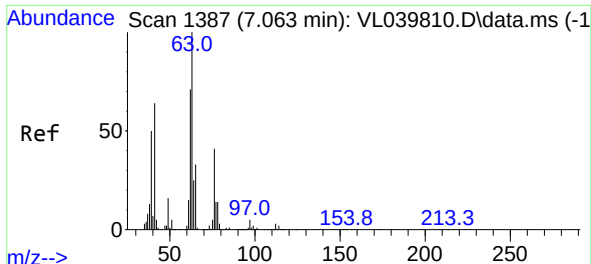
130 100

95 112.4 87.4 131.2

132 96.9 77.7 116.5

97 69.4 58.6 87.8





#39

1,2-Dichloropropane

Concen: 0.984 ppbv

RT: 7.066 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

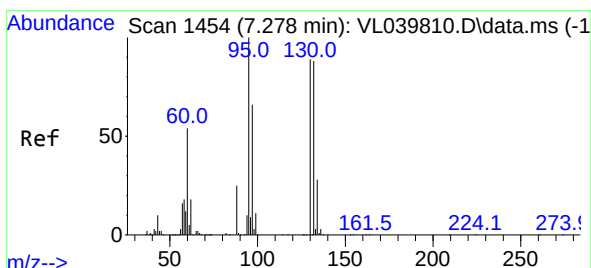
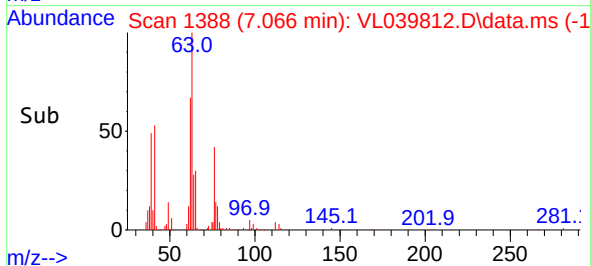
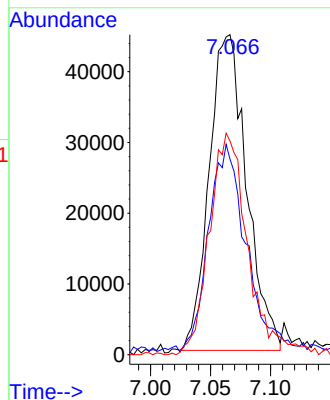
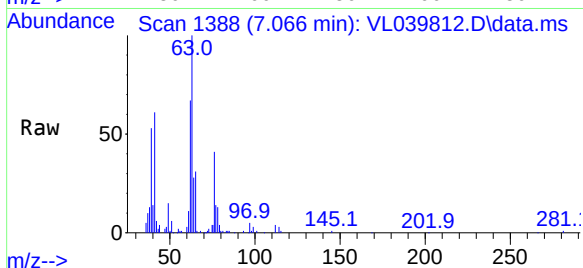
Tgt Ion: 63 Resp: 97046

Ion Ratio Lower Upper

63 100

41 60.3 51.0 76.4

62 67.0 56.6 85.0



#40

1,4-Dioxane

Concen: 0.333 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.016 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Tgt Ion: 88 Resp: 12560

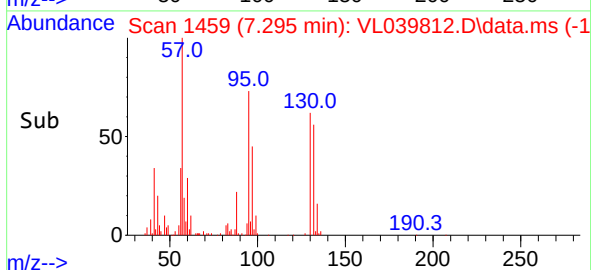
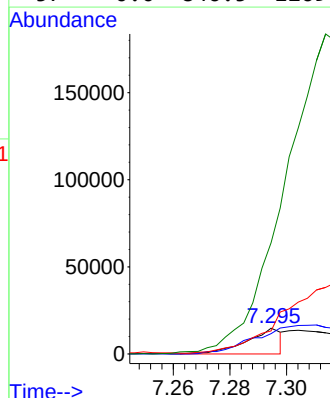
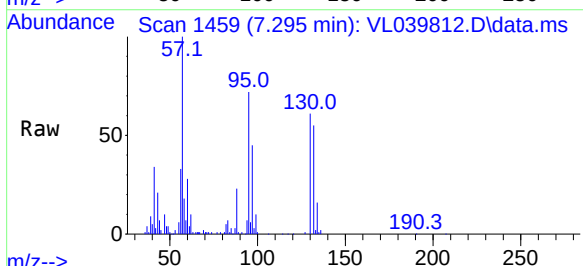
Ion Ratio Lower Upper

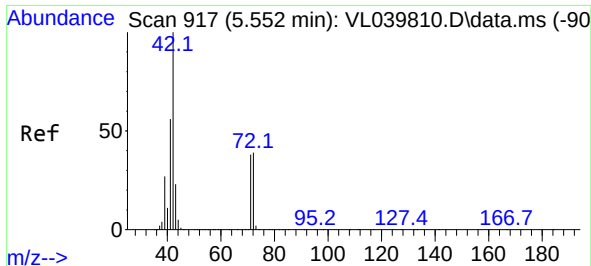
88 100

58 0.0 99.5 149.3#

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#

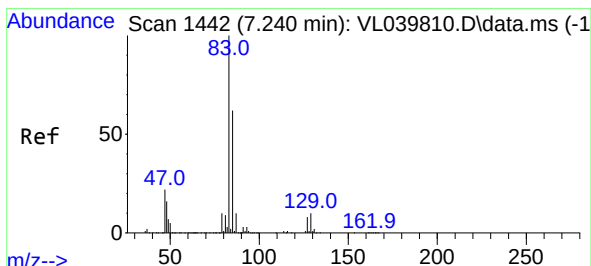
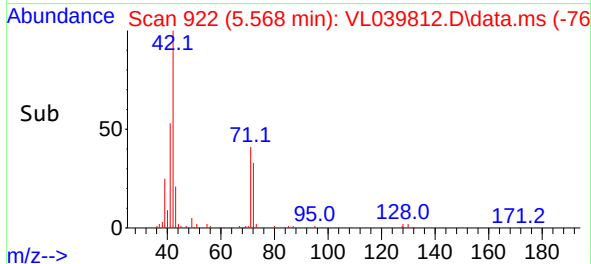
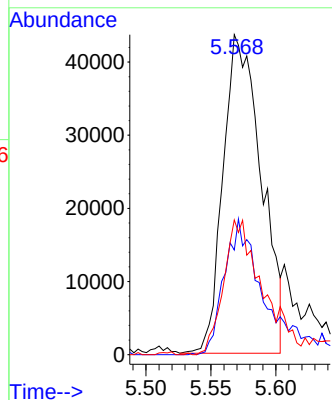
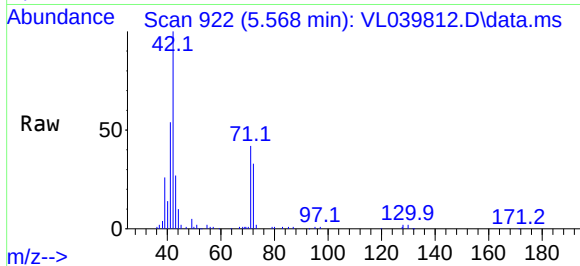




#41
Tetrahydrofuran
Concen: 0.859 ppbv
RT: 5.568 min Scan# 917
Delta R.T. 0.016 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

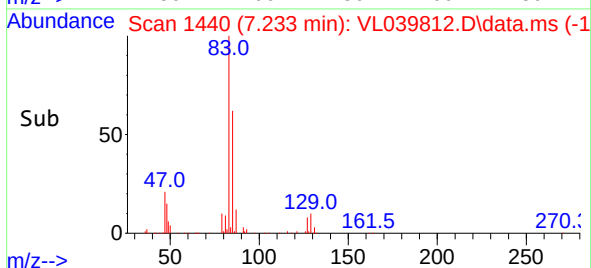
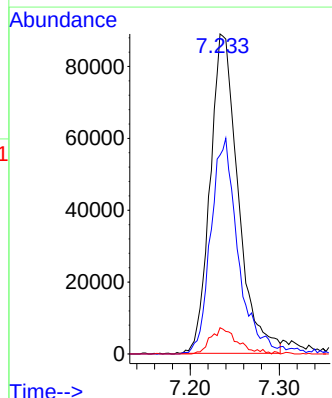
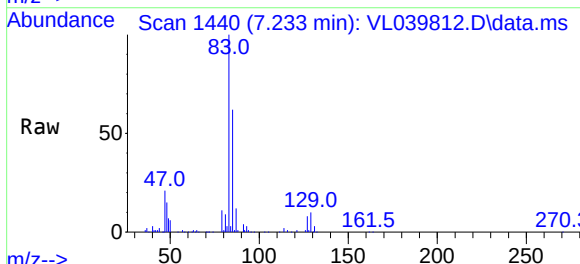
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

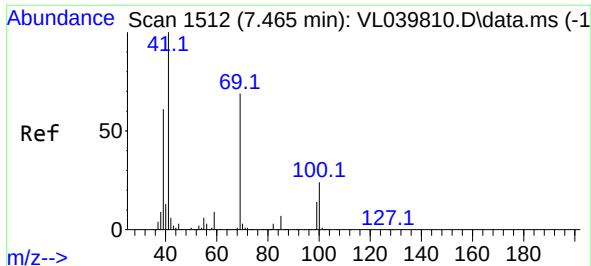
Tgt Ion: 42 Resp: 88884
Ion Ratio Lower Upper
42 100
72 47.2 31.4 47.2#
71 48.5 31.5 47.3#



#42
Bromodichloromethane
Concen: 1.001 ppbv
RT: 7.233 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 83 Resp: 194133
Ion Ratio Lower Upper
83 100
85 62.3 49.9 74.9
127 8.2 6.4 9.6

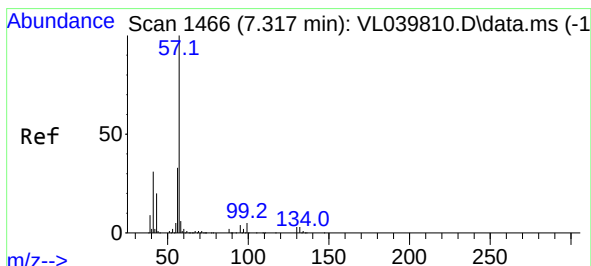
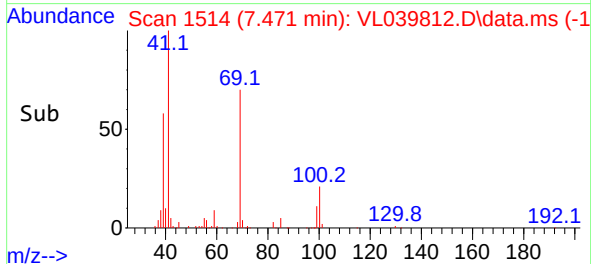
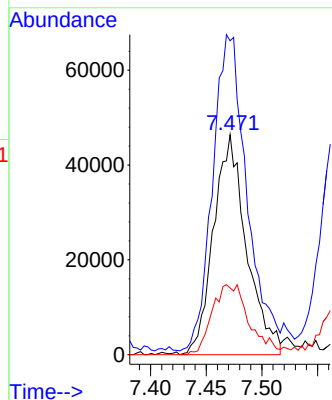
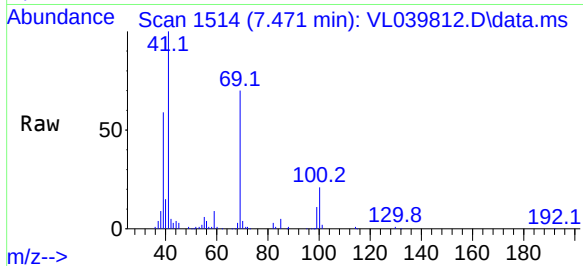




#43
Methyl Methacrylate
Concen: 0.955 ppbv
RT: 7.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

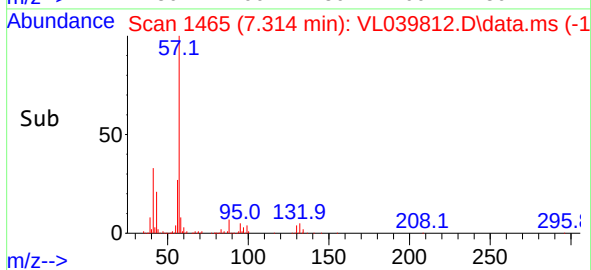
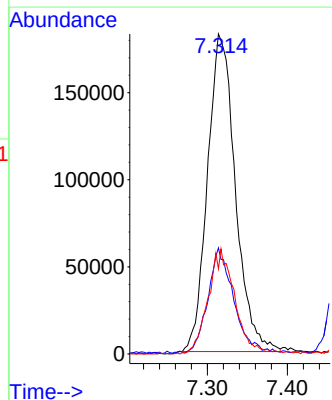
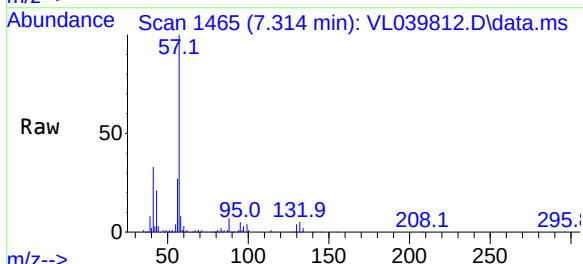
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

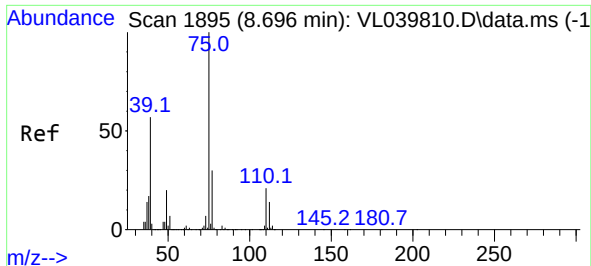
Tgt Ion: 69 Resp: 95556
Ion Ratio Lower Upper
69 100
41 154.2 115.7 173.5
100 37.0 25.9 38.9



#44
2,2,4-Trimethylpentane
Concen: 1.032 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 57 Resp: 441148
Ion Ratio Lower Upper
57 100
41 30.3 24.6 36.8
56 32.2 25.4 38.0

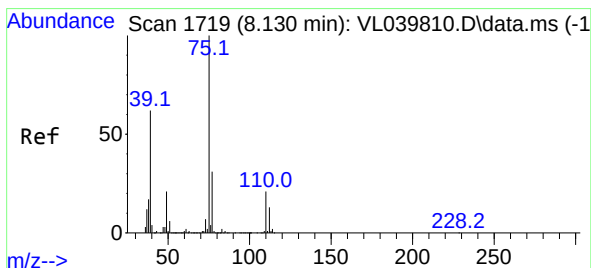
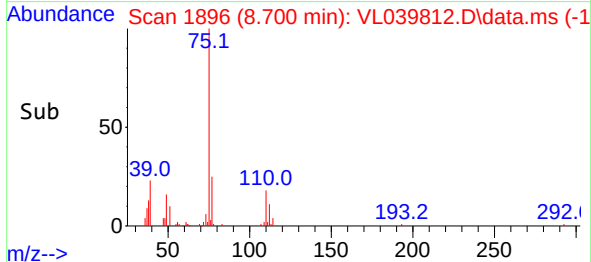
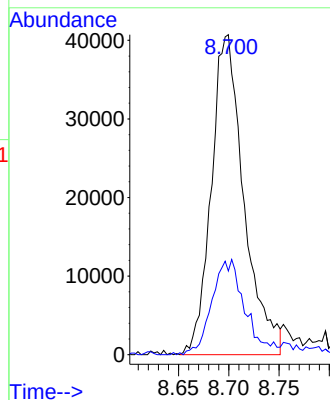
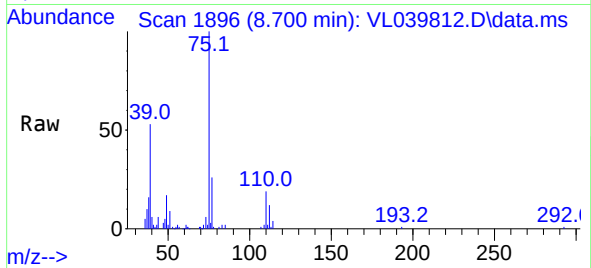




#45
 t-1,3-Dichloropropene
 Concen: 0.959 ppbv
 RT: 8.700 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

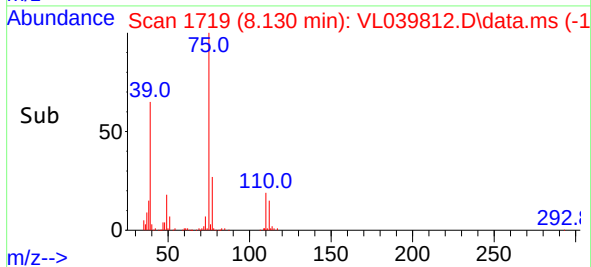
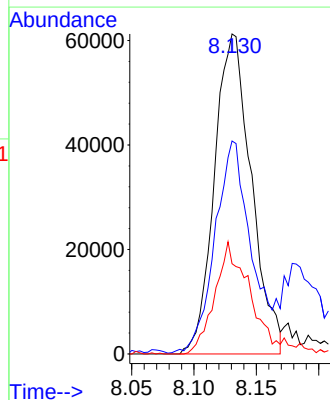
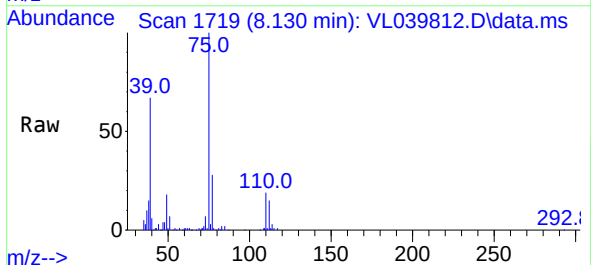
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

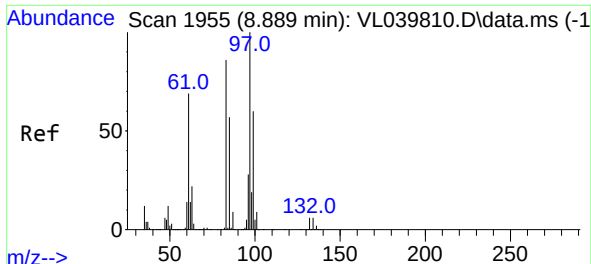
Tgt Ion: 75 Resp: 91890
 Ion Ratio Lower Upper
 75 100
 77 26.2 24.4 36.6



#46
 cis-1,3-Dichloropropene
 Concen: 0.963 ppbv
 RT: 8.130 min Scan# 1719
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Tgt Ion: 75 Resp: 126026
 Ion Ratio Lower Upper
 75 100
 39 65.1 50.0 75.0
 77 28.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 0.932 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 93129

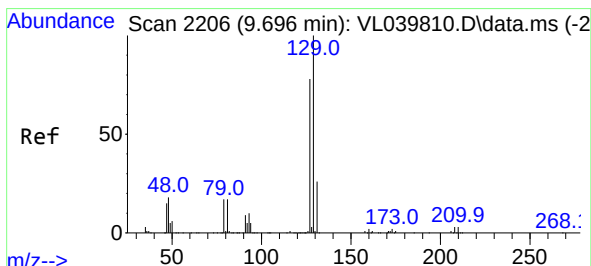
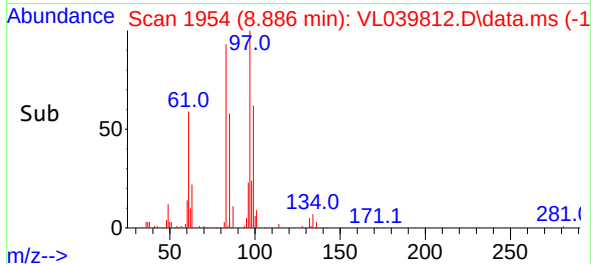
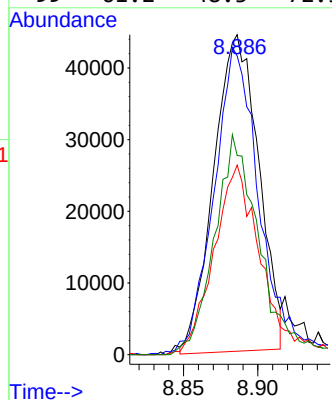
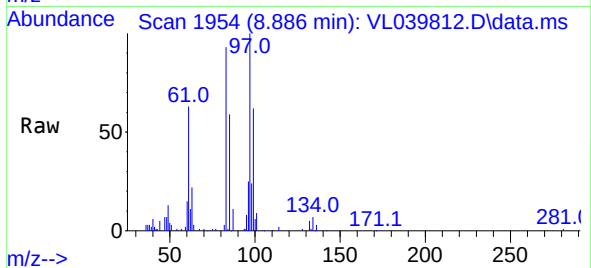
Ion Ratio Lower Upper

97 100

83 91.3 68.8 103.2

85 59.7 45.8 68.6

99 61.2 48.3 72.5



#48

Dibromochloromethane

Concen: 0.984 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.003 min

Lab File: VL039812.D

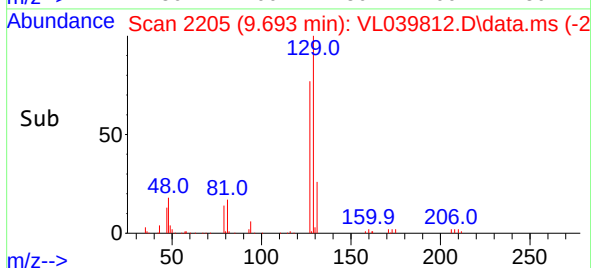
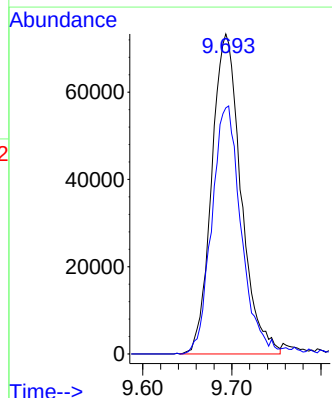
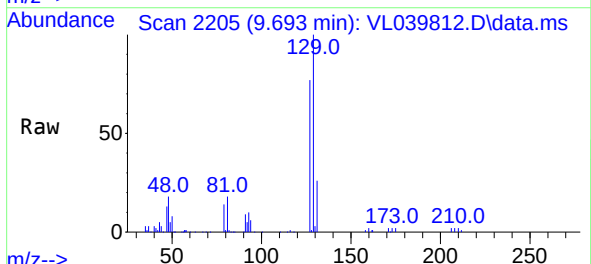
Acq: 2 Nov 2022 12:01

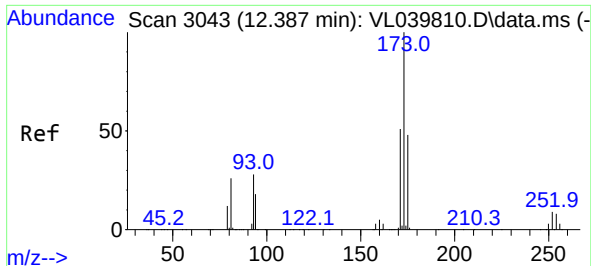
Tgt Ion: 129 Resp: 167437

Ion Ratio Lower Upper

129 100

127 78.8 39.4 118.1

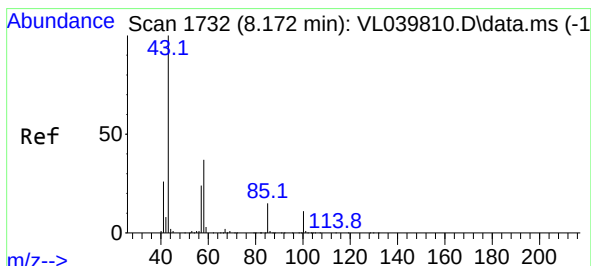
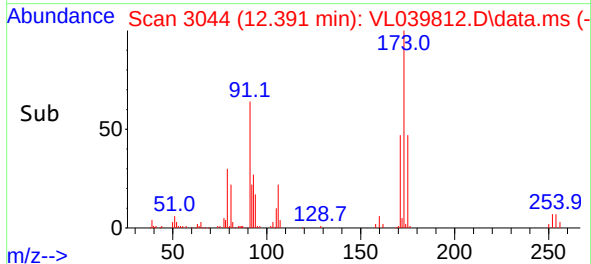
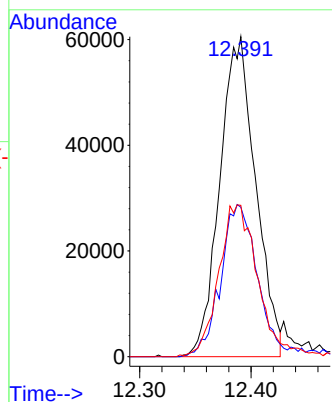
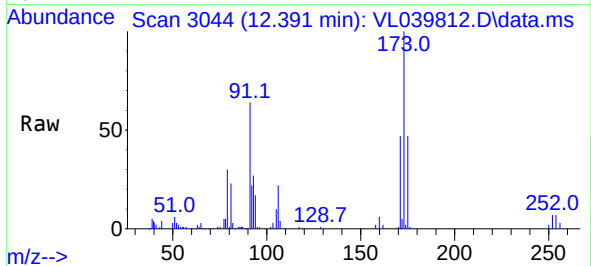




#49
Bromoform
Concen: 0.990 ppbv
RT: 12.391 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

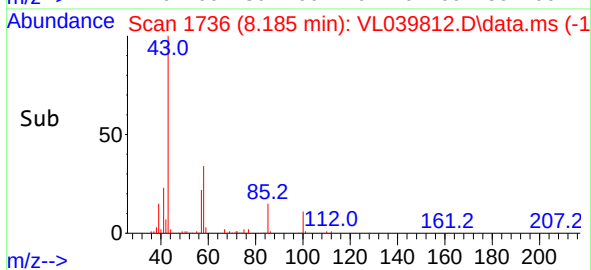
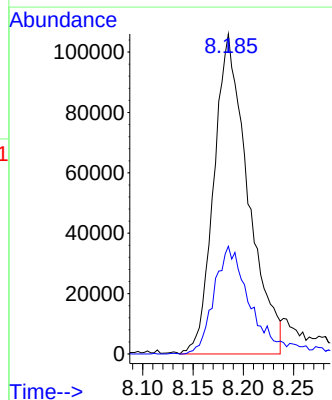
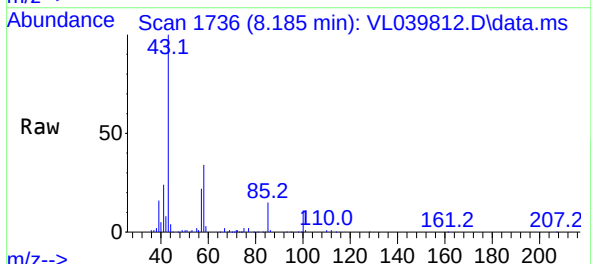
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

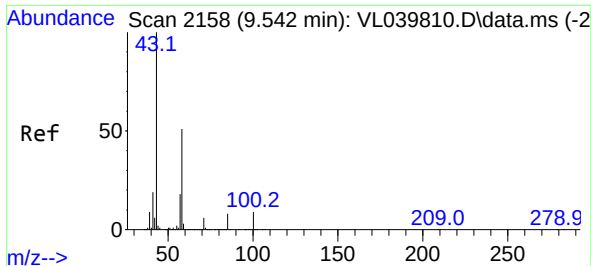
Tgt Ion:173 Resp: 135408
Ion Ratio Lower Upper
173 100
175 50.8 39.7 59.5
171 51.6 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 0.988 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.013 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 43 Resp: 250457
Ion Ratio Lower Upper
43 100
58 38.0 29.8 44.6

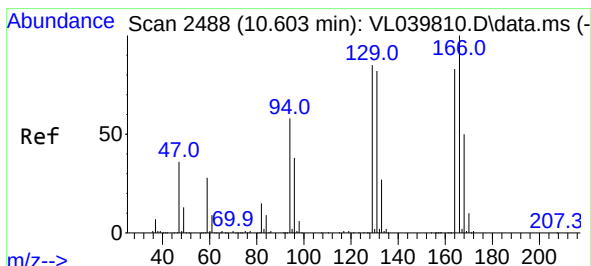
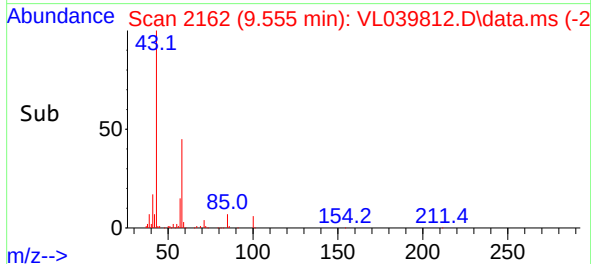
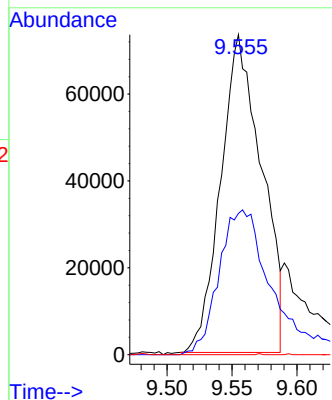
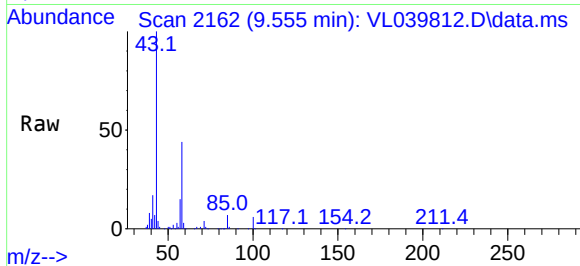




#51
2-Hexanone
Concen: 0.811 ppbv
RT: 9.555 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

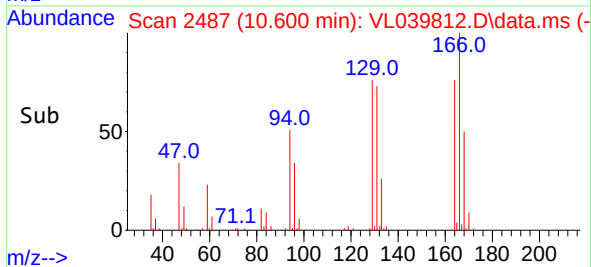
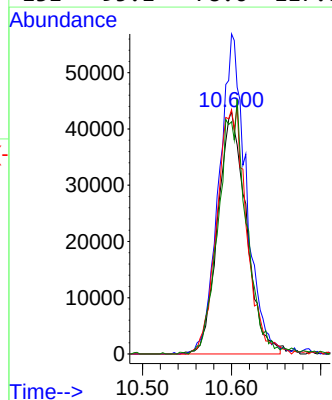
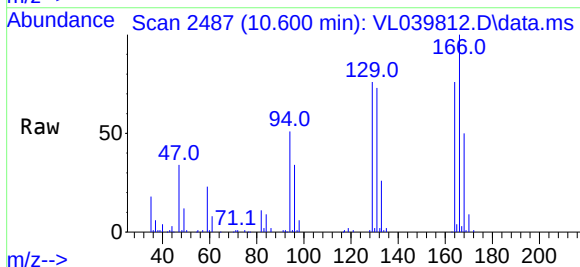
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

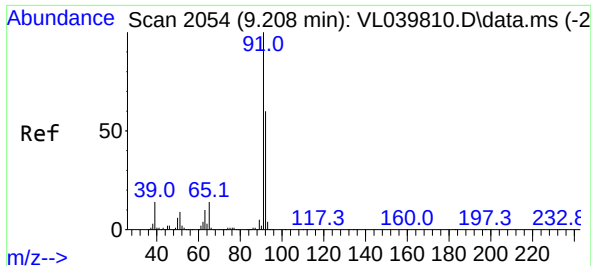
Tgt Ion: 43 Resp: 160188
Ion Ratio Lower Upper
43 100
58 63.7 40.5 60.7#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 1.001 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 164 Resp: 95674
Ion Ratio Lower Upper
164 100
166 132.1 96.0 144.0
129 100.9 81.4 122.2
131 95.1 78.6 117.8

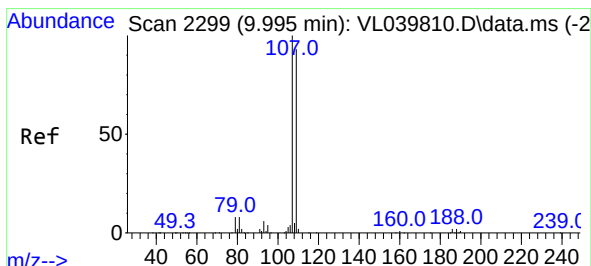
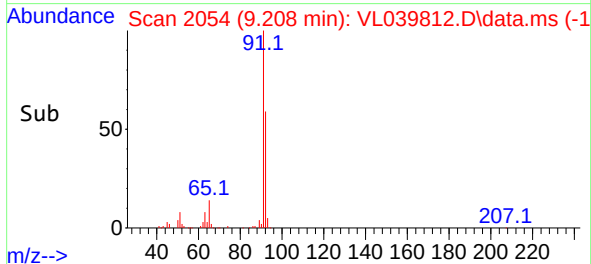
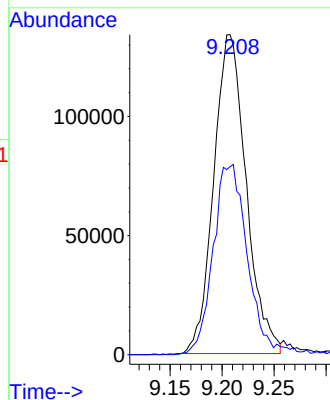
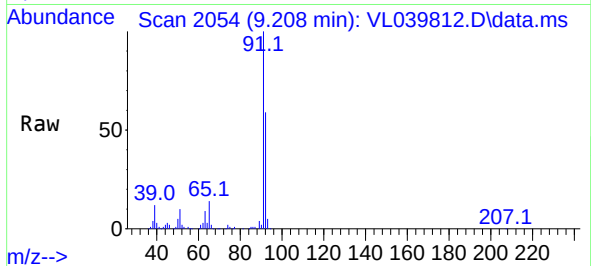




#53
Toluene
Concen: 1.002 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

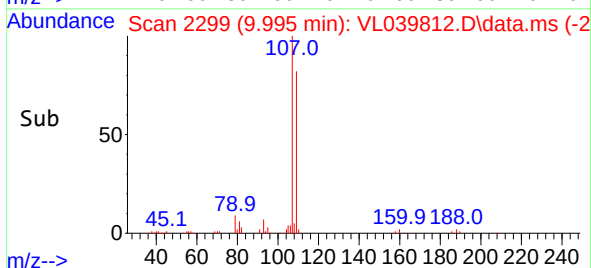
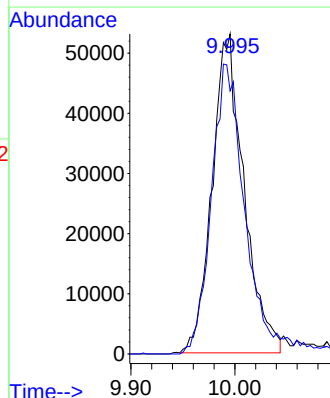
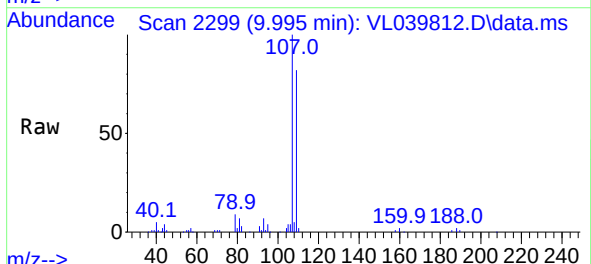
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

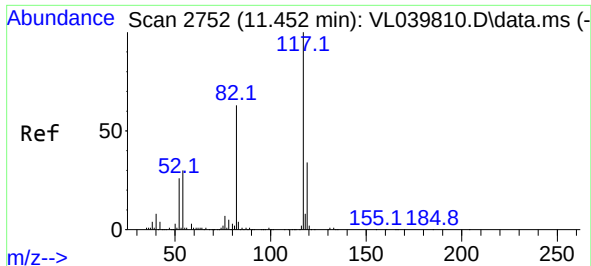
Tgt Ion: 91 Resp: 290996
Ion Ratio Lower Upper
91 100
92 63.5 49.6 74.4



#54
1,2-Dibromoethane
Concen: 1.015 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 107 Resp: 112557
Ion Ratio Lower Upper
107 100
109 82.5 74.5 111.7

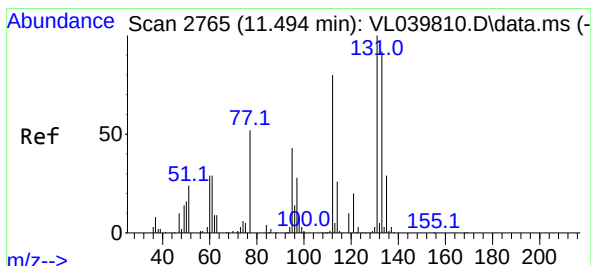
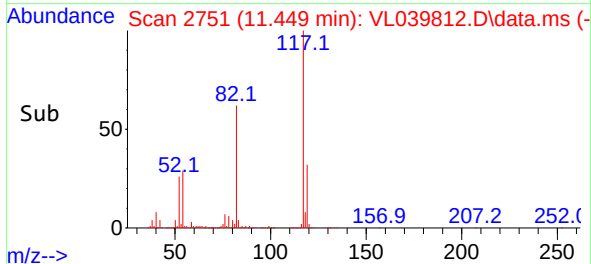
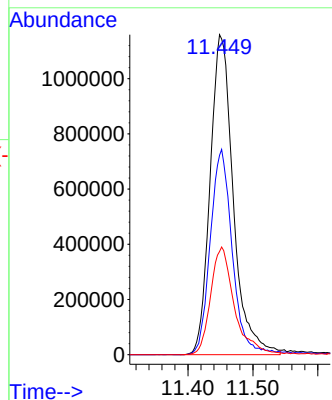
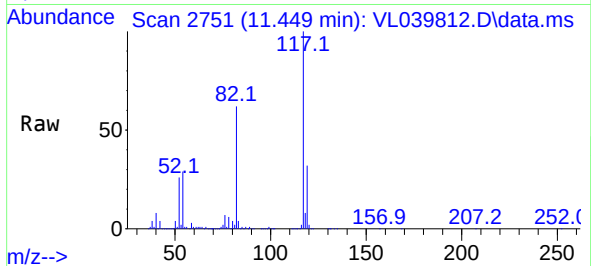




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

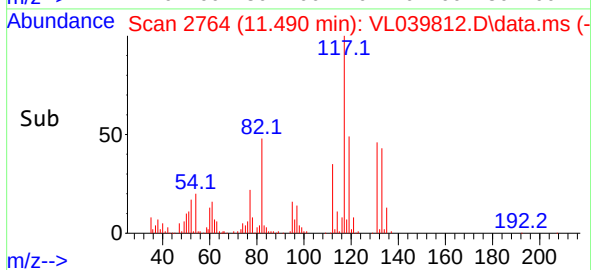
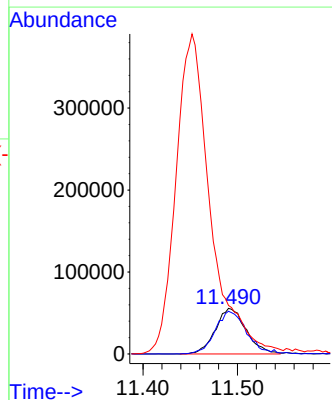
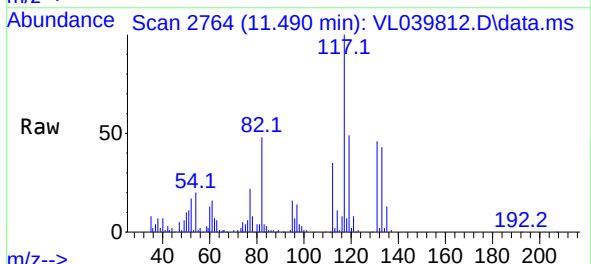
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

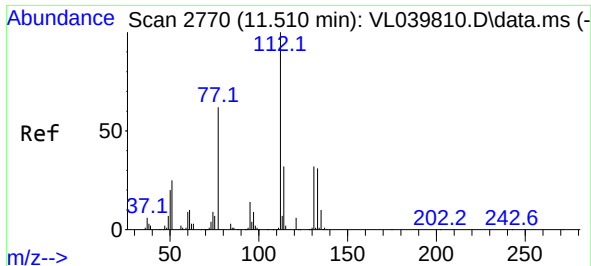
Tgt Ion:117 Resp: 2866977
Ion Ratio Lower Upper
117 100
82 61.9 51.0 76.6
119 35.0 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 1.023 ppbv
RT: 11.490 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion:131 Resp: 125393
Ion Ratio Lower Upper
131 100
133 97.0 76.9 115.3
119 800.9 52.2 78.2#

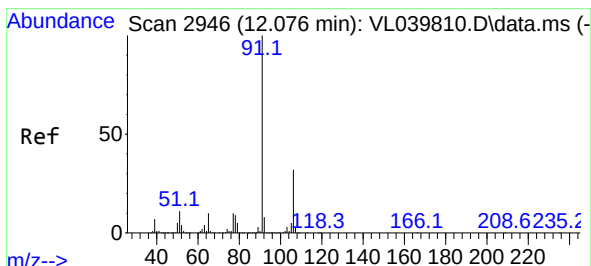
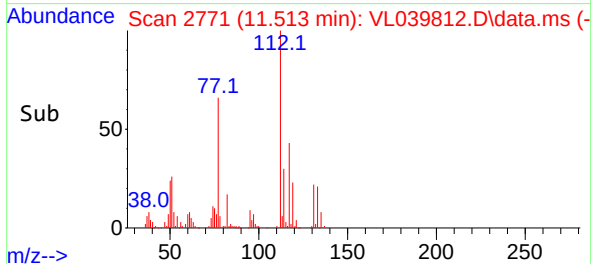
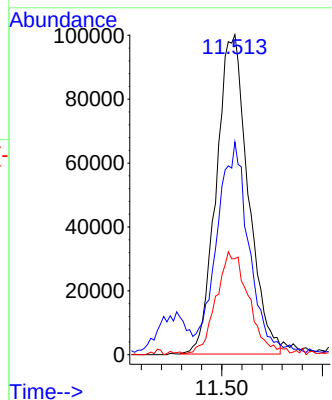
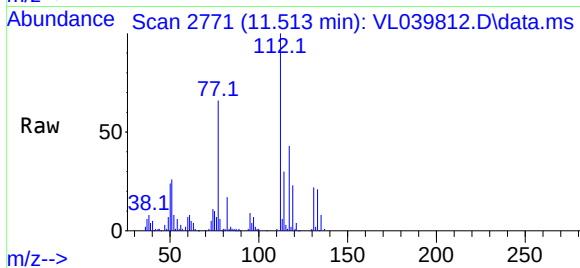




#57
Chlorobenzene
Concen: 1.011 ppbv
RT: 11.513 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

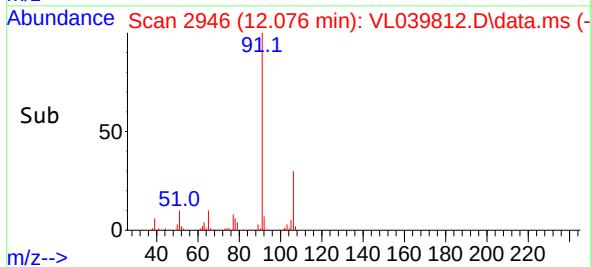
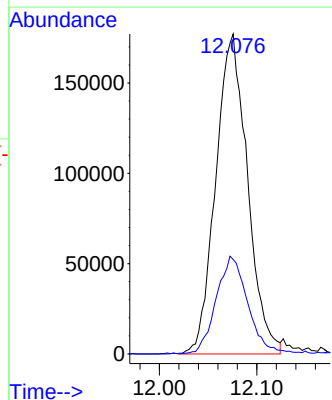
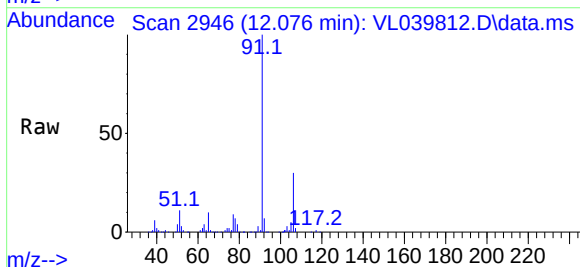
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

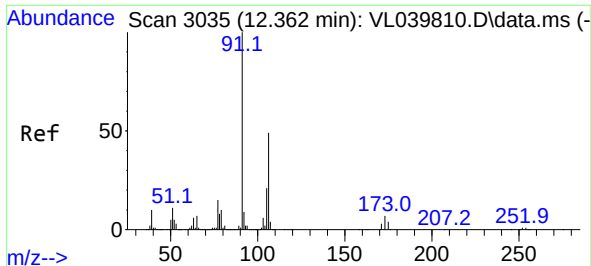
Tgt Ion:112 Resp: 219933
Ion Ratio Lower Upper
112 100
77 63.5 49.8 74.6
114 29.2 29.0 35.4



#58
Ethyl Benzene
Concen: 1.034 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 91 Resp: 400828
Ion Ratio Lower Upper
91 100
106 29.3 25.9 38.9





#59

m/p-Xylene

Concen: 1.156 ppbv

RT: 12.359 min Scan# 3035

Delta R.T. -0.003 min

Lab File: VL039812.D

Acq: 2 Nov 2022 12:01

Instrument :

MSVOA_L

ClientSampleId :

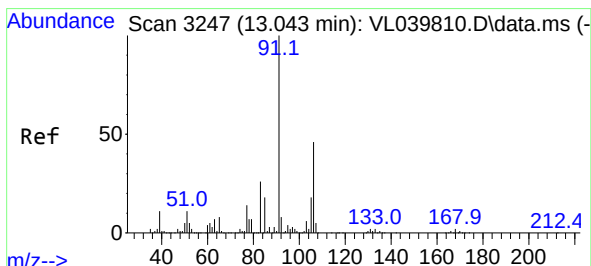
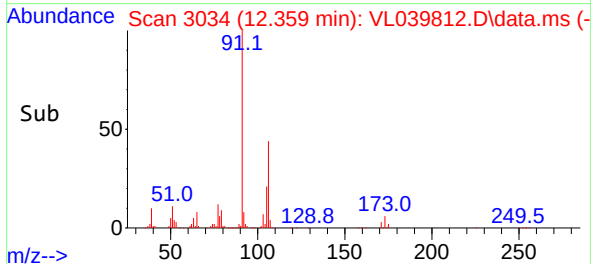
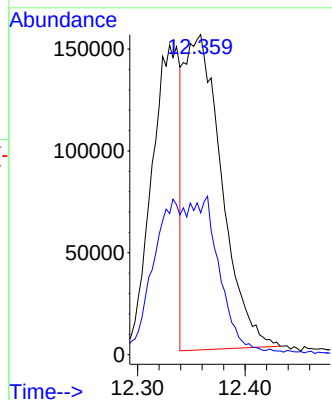
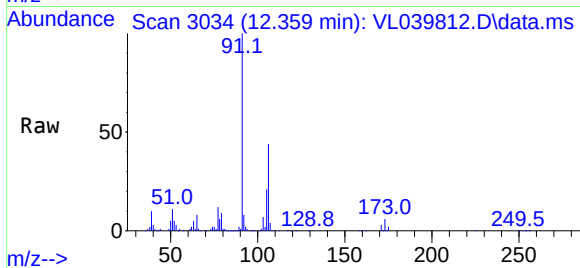
VSTDIC001

Tgt Ion: 91 Resp: 374057

Ion Ratio Lower Upper

91 100

106 83.5 37.6 56.4#



#60

o-Xylene

Concen: 1.021 ppbv

RT: 13.043 min Scan# 3247

Delta R.T. 0.000 min

Lab File: VL039812.D

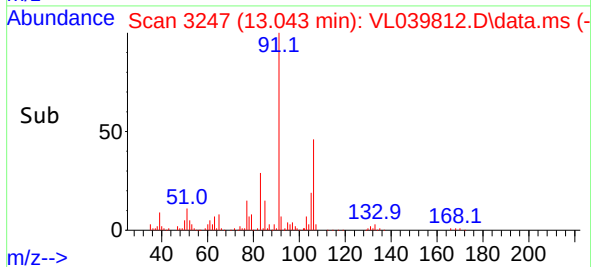
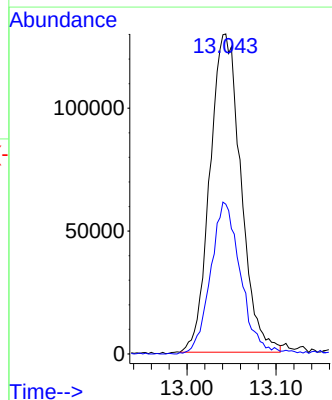
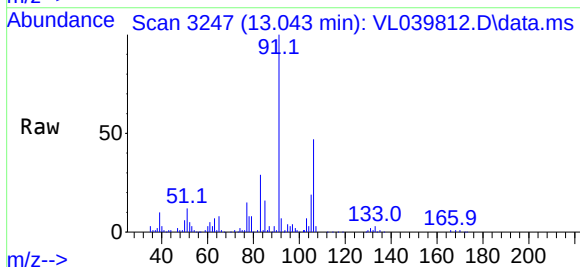
Acq: 2 Nov 2022 12:01

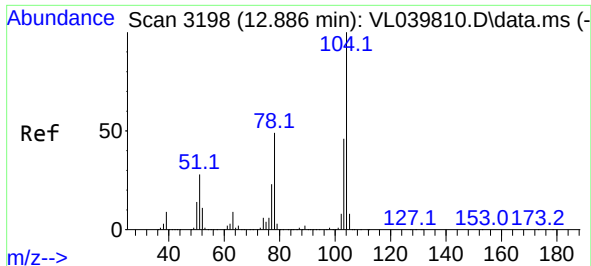
Tgt Ion: 91 Resp: 313019

Ion Ratio Lower Upper

91 100

106 46.5 23.6 70.8

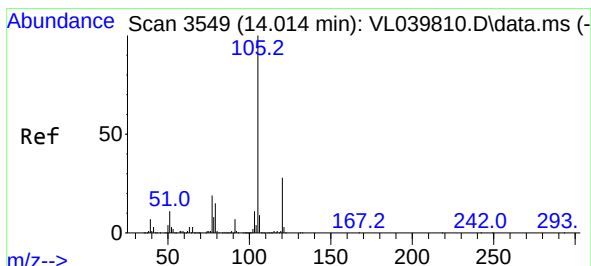
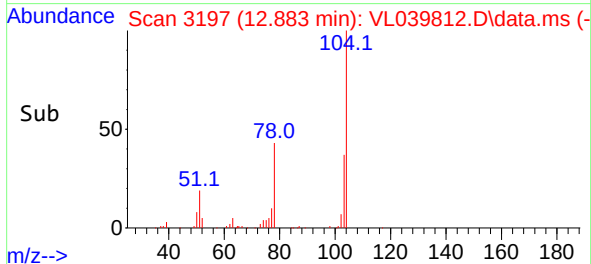
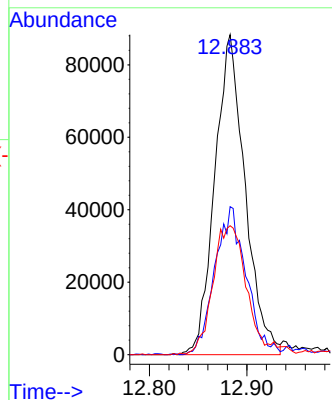
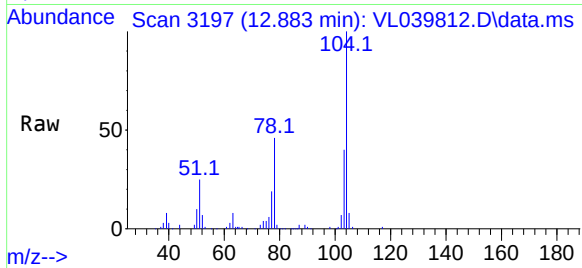




#61
Styrene
Concen: 1.008 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

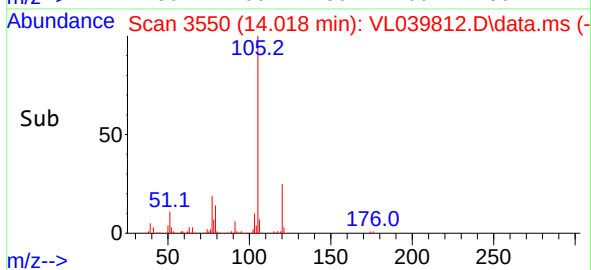
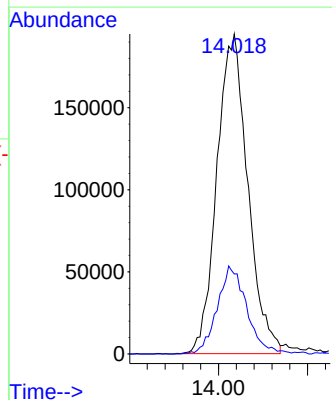
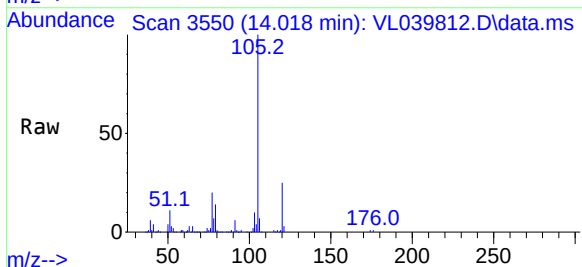
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

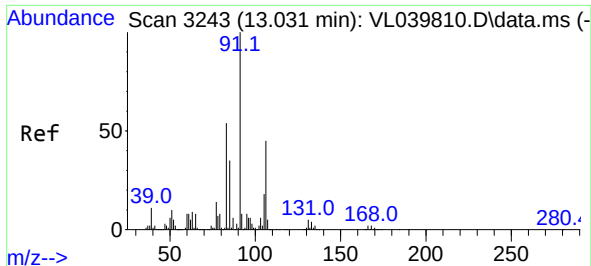
Tgt Ion:104 Resp: 190200
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.2
103 47.2 37.5 56.3



#62
Isopropylbenzene
Concen: 1.047 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion:105 Resp: 468055
Ion Ratio Lower Upper
105 100
120 26.6 21.7 32.5

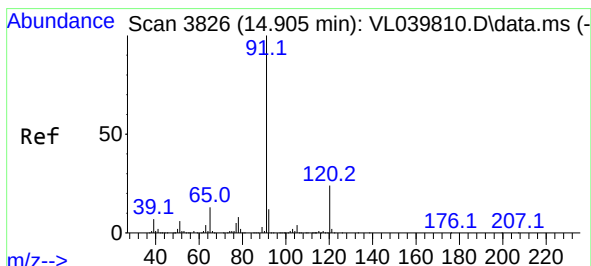
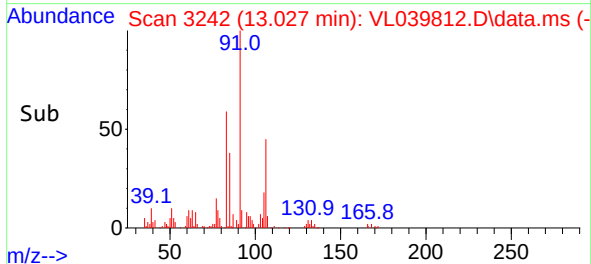
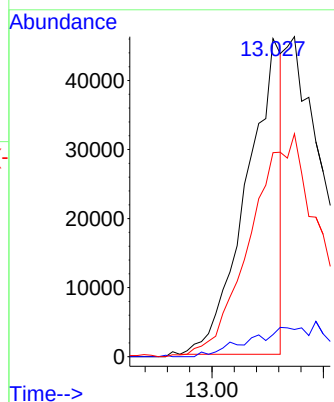
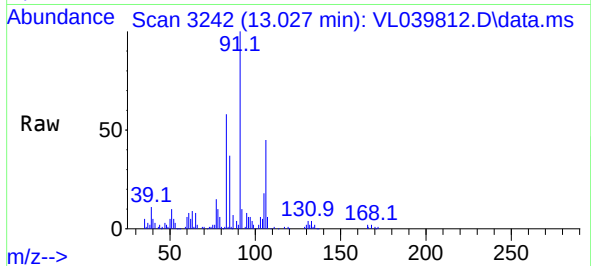




#63
1,1,2,2-Tetrachloroethane
Concen: 0.439 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

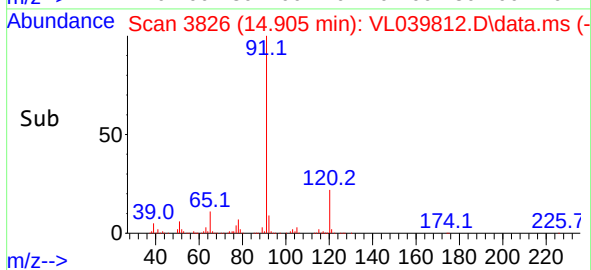
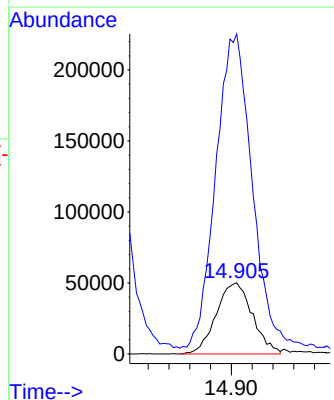
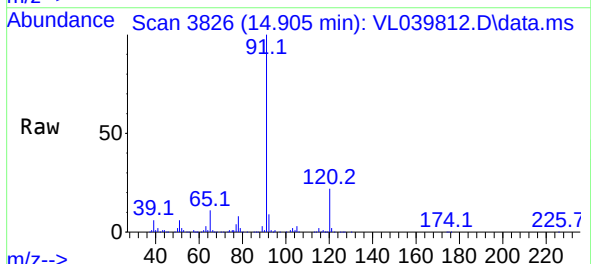
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

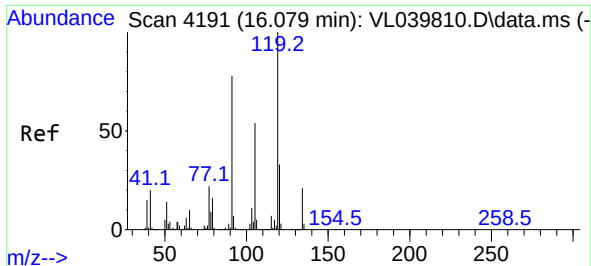
Tgt Ion: 83 Resp: 50140
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 33.3 99.9#



#64
n-propylbenzene
Concen: 1.013 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 120 Resp: 121213
Ion Ratio Lower Upper
120 100
91 473.0 354.9 532.3

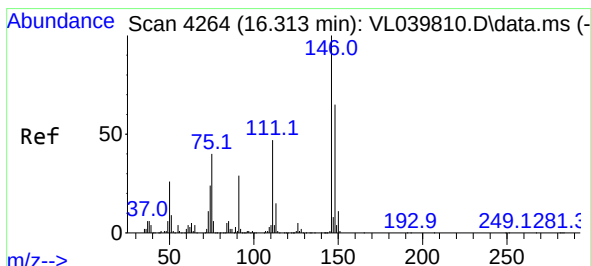
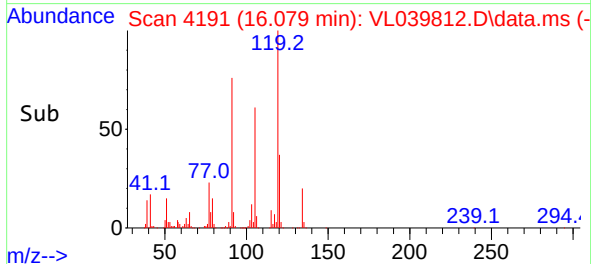
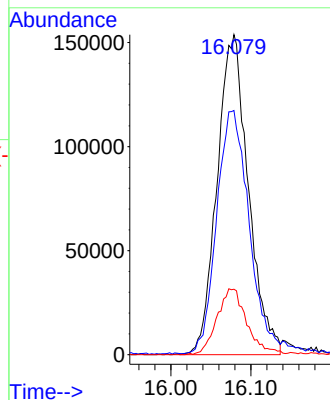
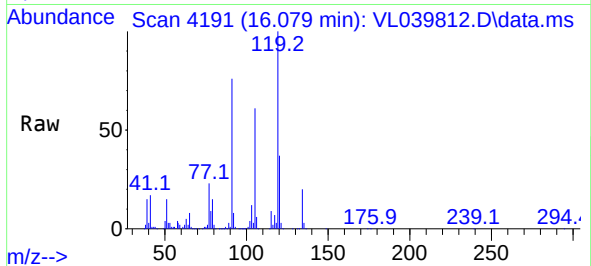




#65
tert-Butylbenzene
Concen: 1.063 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

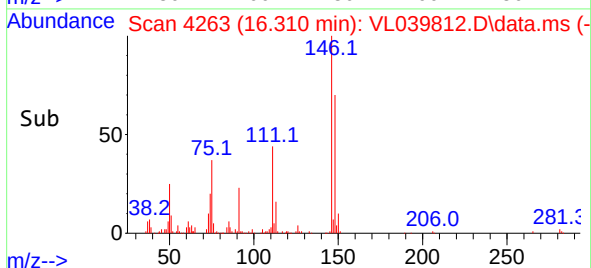
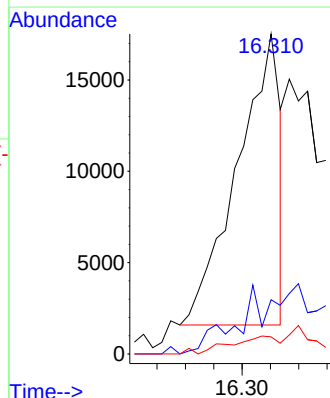
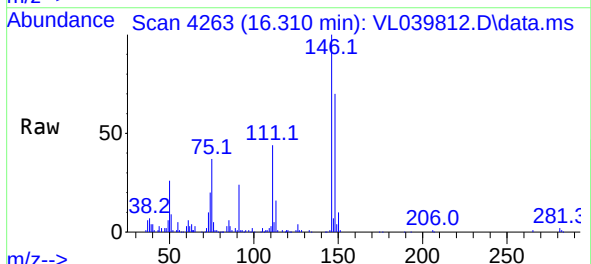
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

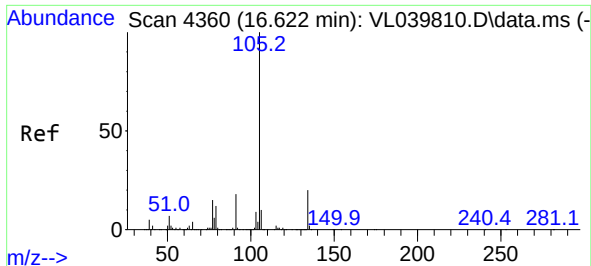
Tgt Ion:119 Resp: 417381
Ion Ratio Lower Upper
119 100
91 82.0 63.7 95.5
134 20.2 16.2 24.4



#66
Benzyl Chloride
Concen: 0.367 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 91 Resp: 16734
Ion Ratio Lower Upper
91 100
126 0.0 15.6 23.4#
128 0.0 4.9 7.3#

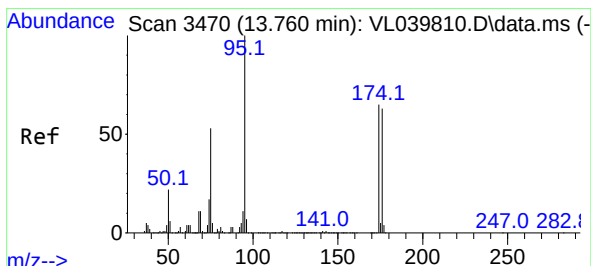
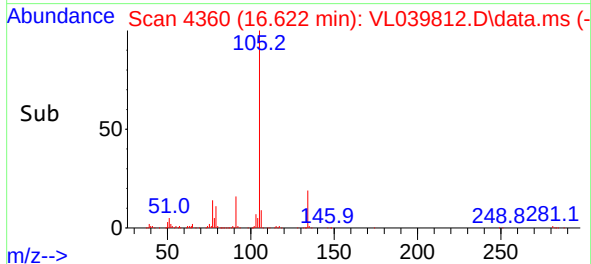
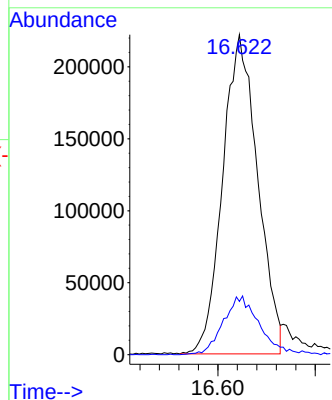
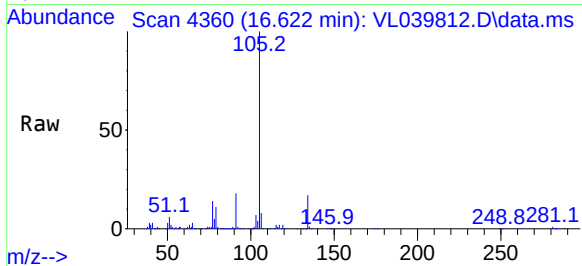




#67
 sec-Butylbenzene
 Concen: 1.036 ppbv
 RT: 16.622 min Scan# 4360
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

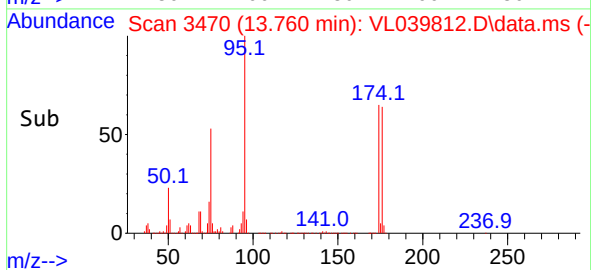
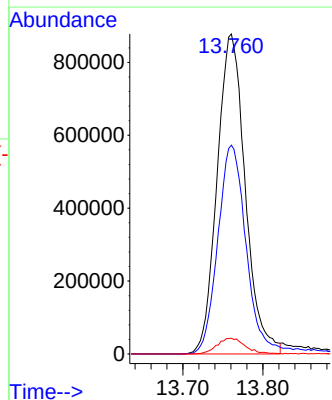
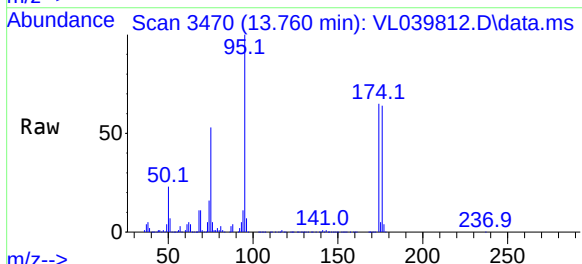
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

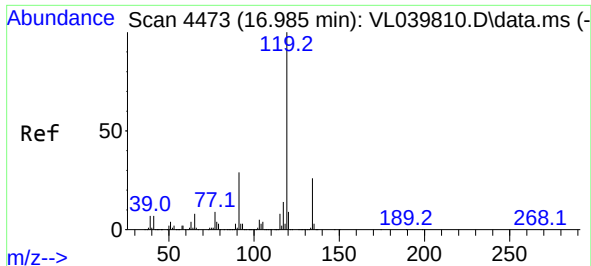
Tgt Ion:105 Resp: 553730
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.992 ppbv
 RT: 13.760 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Tgt Ion: 95 Resp: 2144290
 Ion Ratio Lower Upper
 95 100
 174 68.0 53.4 80.0
 175 5.0 4.1 6.1

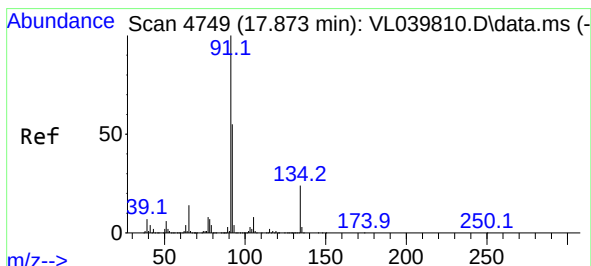
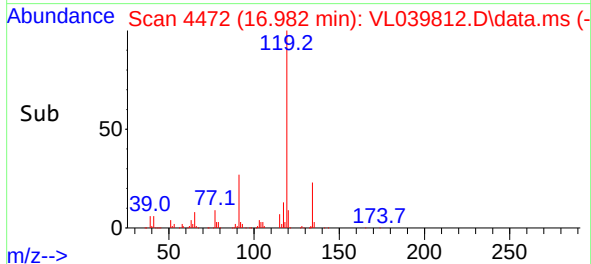
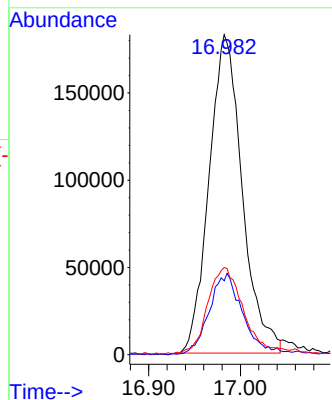
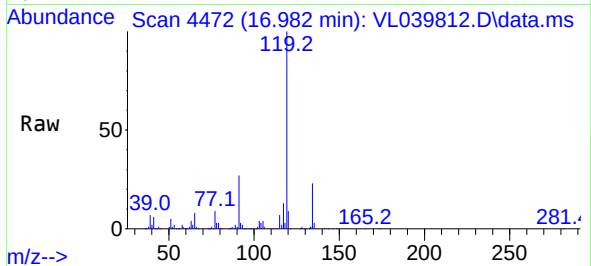




#69
p-Isopropyltoluene
Concen: 1.034 ppbv
RT: 16.982 min Scan# 4473
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

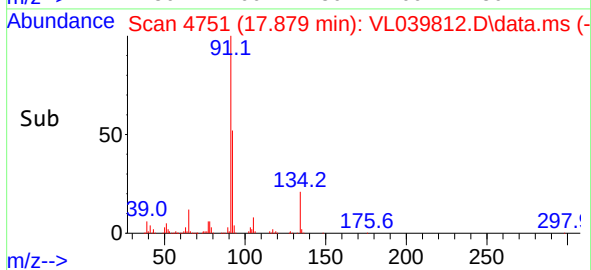
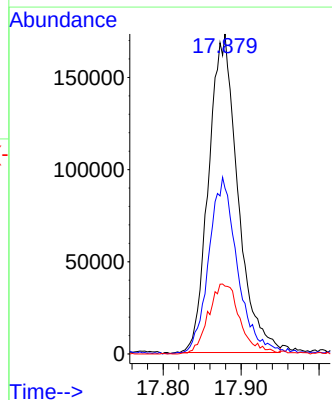
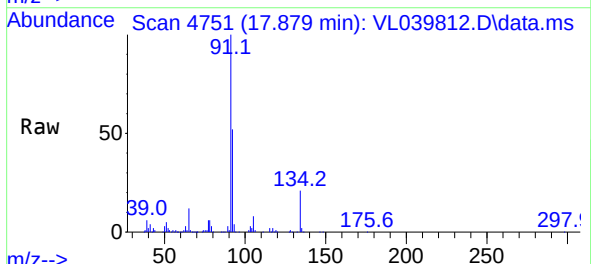
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

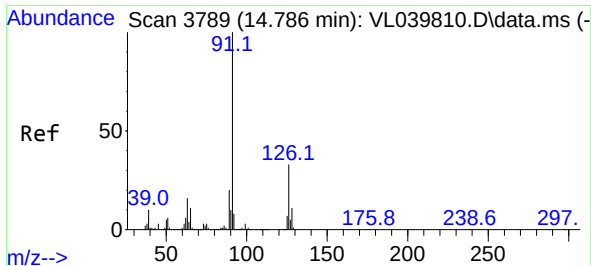
Tgt Ion:119 Resp: 458590
Ion Ratio Lower Upper
119 100
134 26.7 21.0 31.6
91 30.3 22.8 34.2



#70
n-Butylbenzene
Concen: 1.050 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.006 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion: 91 Resp: 450059
Ion Ratio Lower Upper
91 100
92 55.0 44.1 66.1
134 24.4 19.0 28.6

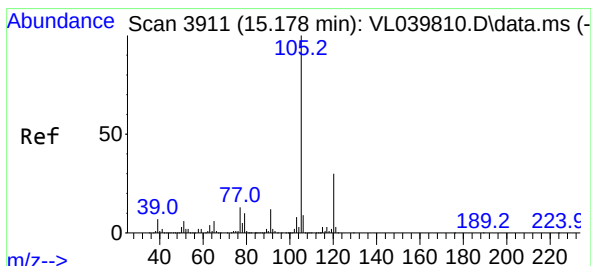
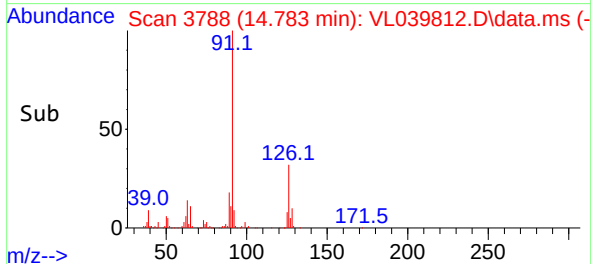
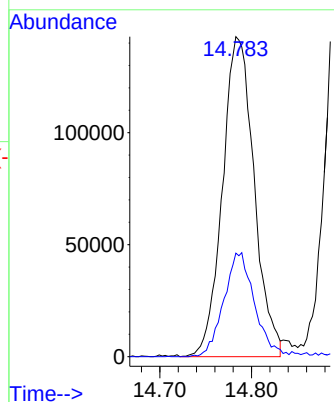
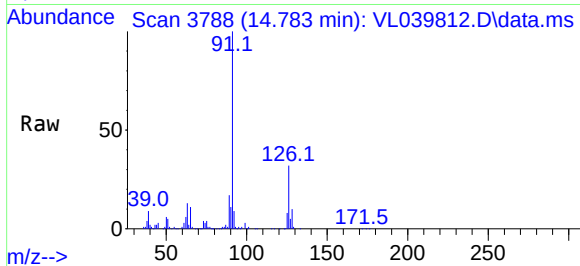




#71
2-Chlorotoluene
Concen: 1.019 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

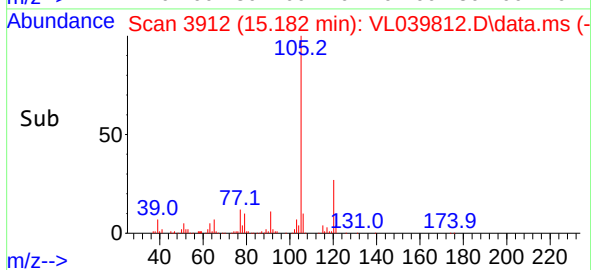
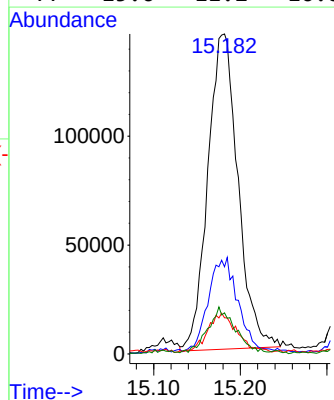
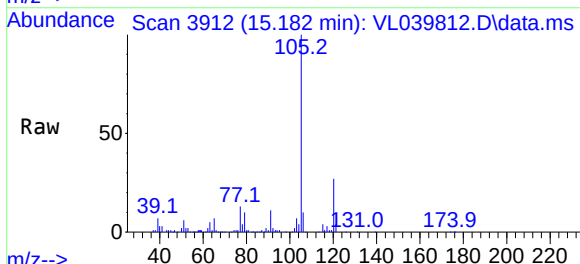
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

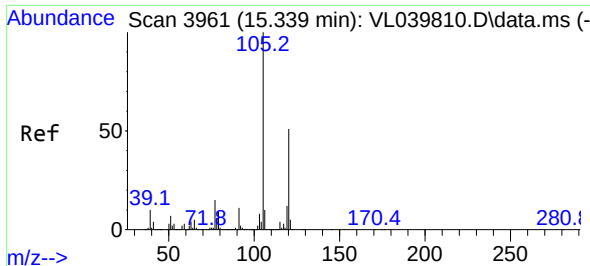
Tgt Ion: 91 Resp: 342335
Ion Ratio Lower Upper
91 100
126 31.8 12.9 51.5



#72
4-Ethyltoluene
Concen: 1.014 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion:105 Resp: 350203
Ion Ratio Lower Upper
105 100
120 31.7 26.0 39.0
91 12.1 10.5 15.7
77 15.6 11.2 16.8

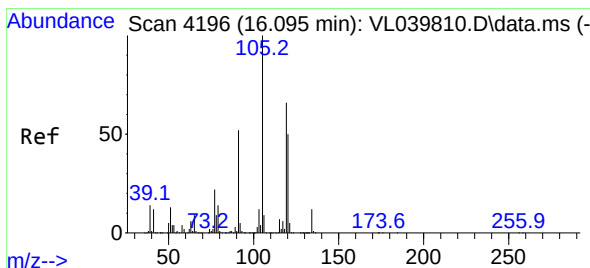
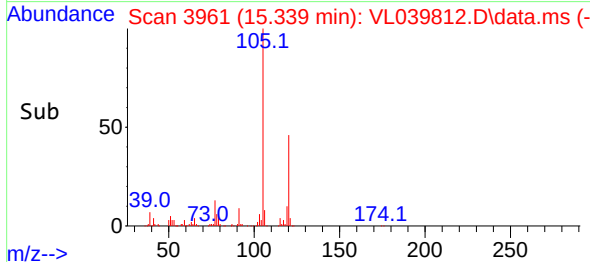
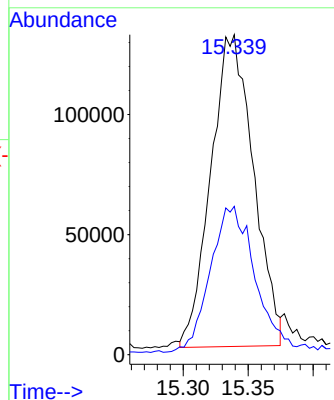
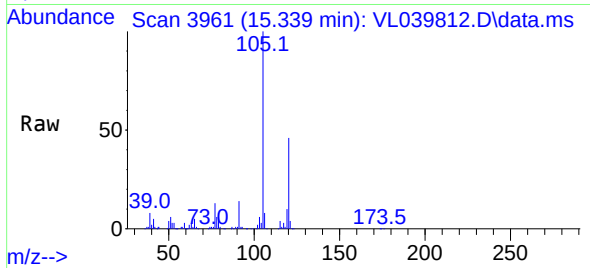




#73
 1,3,5-Trimethylbenzene
 Concen: 0.968 ppbv
 RT: 15.339 min Scan# 3961
 Delta R.T. 0.000 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

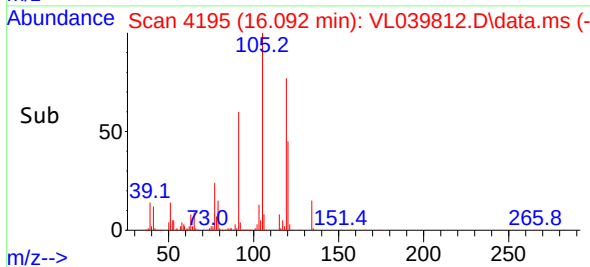
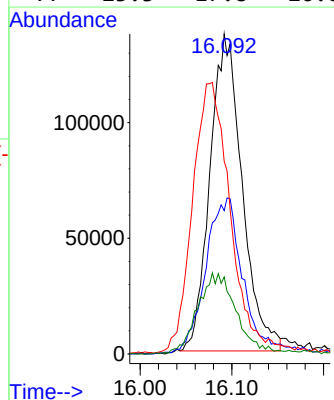
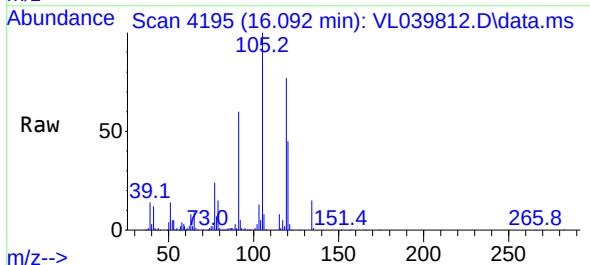
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

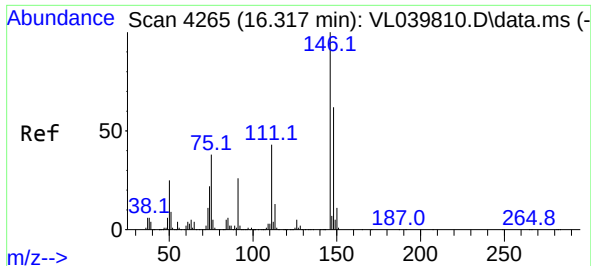
Tgt Ion:105 Resp: 296369
 Ion Ratio Lower Upper
 105 100
 120 45.8 41.0 61.4



#74
 1,2,4-Trimethylbenzene
 Concen: 1.030 ppbv
 RT: 16.092 min Scan# 4195
 Delta R.T. -0.003 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Tgt Ion:105 Resp: 334728
 Ion Ratio Lower Upper
 105 100
 120 43.8 40.2 60.4
 91 58.0 42.6 64.0
 77 23.3 17.8 26.8

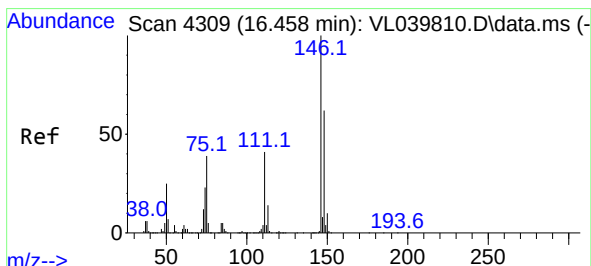
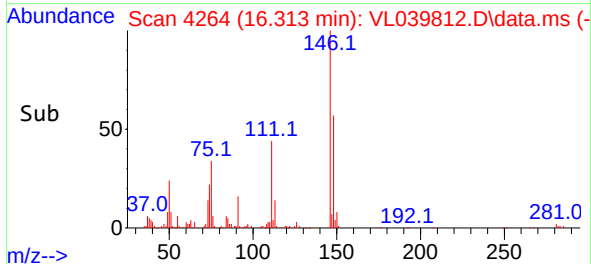
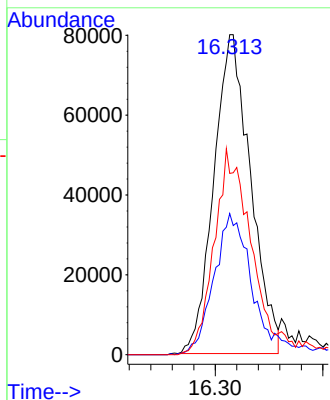
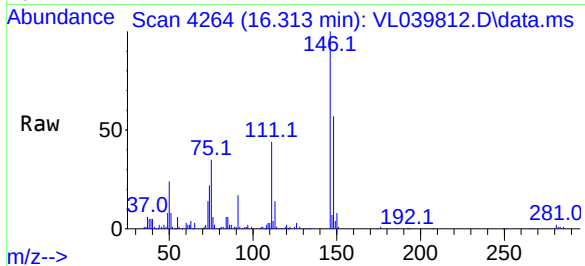




#75
1,3-Dichlorobenzene
Concen: 0.998 ppbv
RT: 16.313 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

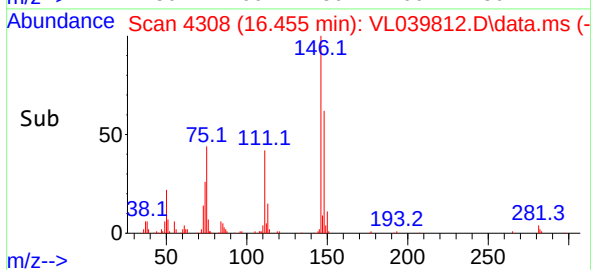
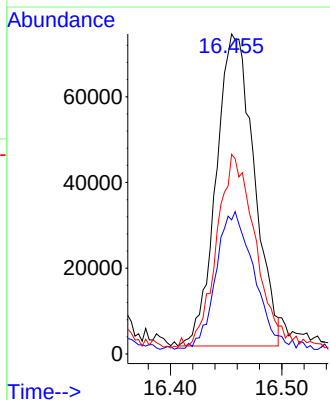
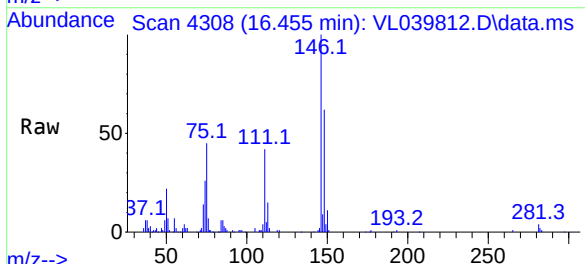
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

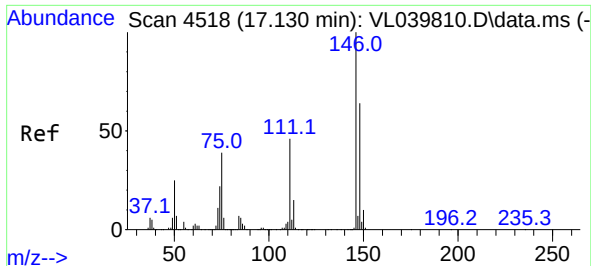
Tgt Ion:146 Resp: 189548
Ion Ratio Lower Upper
146 100
111 46.7 22.9 68.8
148 66.9 32.3 96.9



#76
1,4-Dichlorobenzene
Concen: 0.925 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion:146 Resp: 172381
Ion Ratio Lower Upper
146 100
111 50.3 22.7 68.1
148 72.3 33.1 99.3

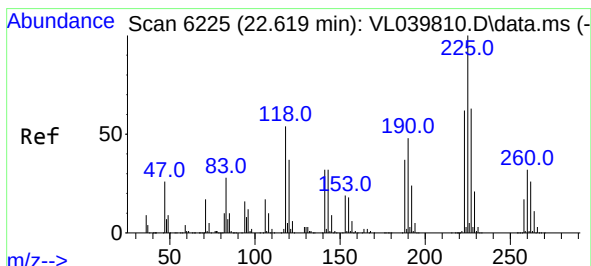
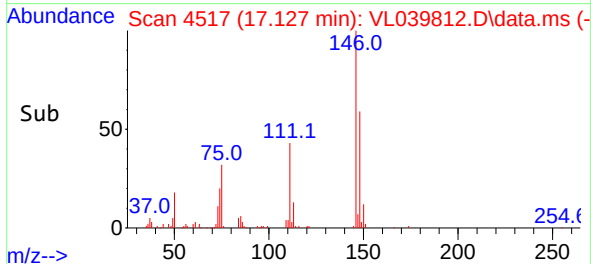
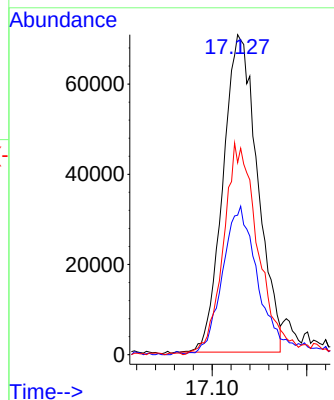
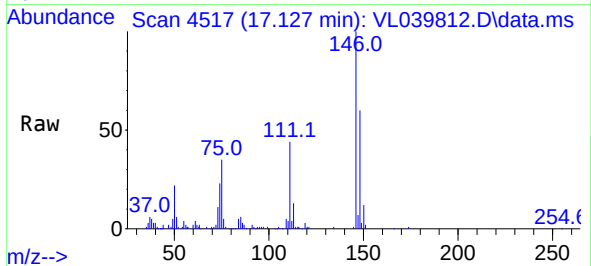




#77
1,2-Dichlorobenzene
Concen: 1.000 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

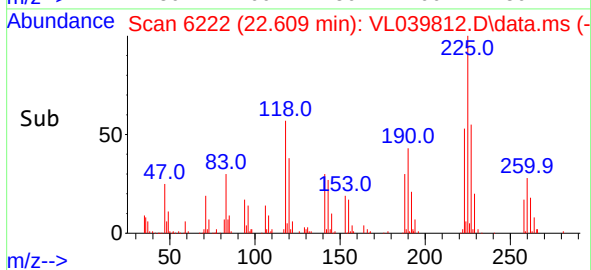
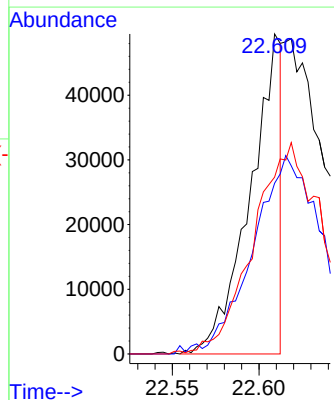
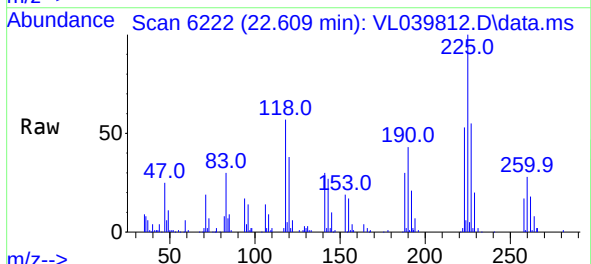
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

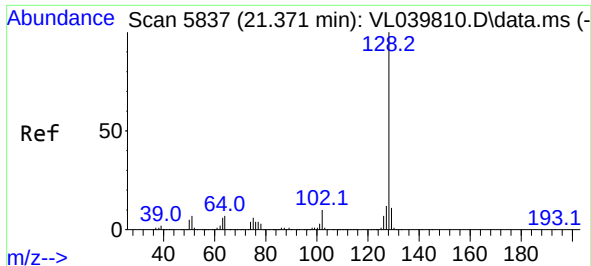
Tgt Ion:146 Resp: 179012
Ion Ratio Lower Upper
146 100
111 50.9 23.9 71.8
148 69.2 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 0.467 ppbv
RT: 22.609 min Scan# 6222
Delta R.T. -0.010 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

Tgt Ion:225 Resp: 61955
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 51.6 77.4#

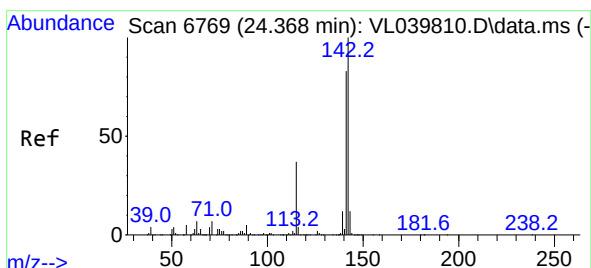
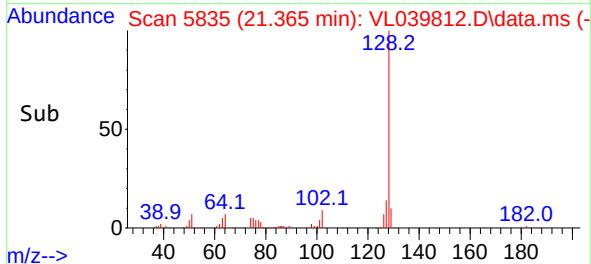
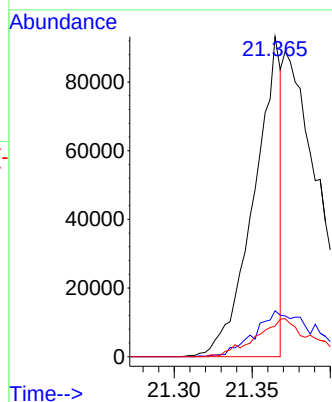
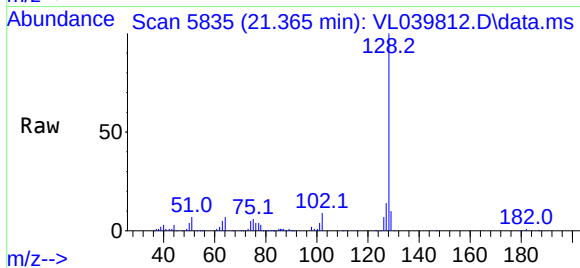




#79
Naphthalene
Concen: 0.474 ppbv
RT: 21.365 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

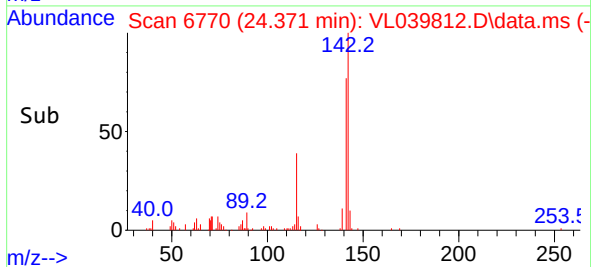
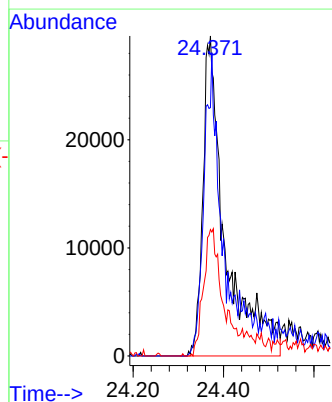
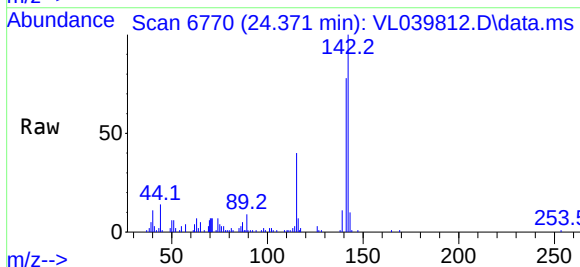
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

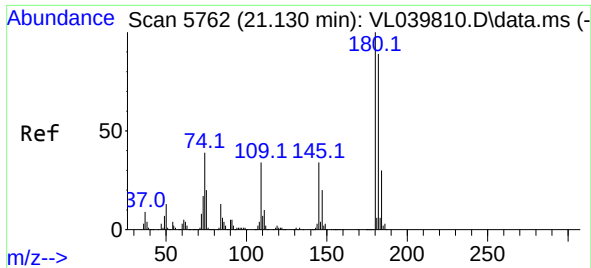
Tgt Ion:128 Resp: 112086
Ion Ratio Lower Upper
128 100
127 14.3 9.8 14.6
129 9.5 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 1.023 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039812.D
Acq: 2 Nov 2022 12:01

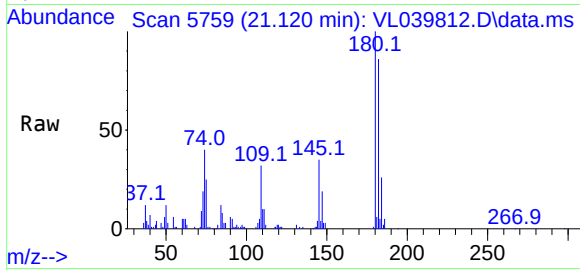
Tgt Ion:142 Resp: 102486
Ion Ratio Lower Upper
142 100
141 79.3 65.1 97.7
115 40.2 29.1 43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 0.447 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL039812.D
 Acq: 2 Nov 2022 12:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 59118
 Ion Ratio Lower Upper
 180 100
 182 226.2 78.1 117.1#
 184 70.3 24.5 36.7#

