

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039815.D
 Acq On : 2 Nov 2022 13:54
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Nov 03 09:15:12 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	1070767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2953853	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2714464	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.764	95	2059882	10.138	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.738	85	5730	0.032	ppbv	98
3) Chlorodifluoromethane	2.687	51	4426	0.035	ppbv #	79
4) Chloromethane	2.825	50	2088	0.026	ppbv #	83
5) Vinyl Chloride	2.934	62	1576	0.024	ppbv #	70
6) Bromomethane	3.131	94	485	0.021	ppbv #	79
7) Chloroethane	3.208	64	459	0.019	ppbv	100
8) Dichlorotetrafluoroethane	2.873	85	4771	0.031	ppbv	92
9) Propene	3.050	41	485	0.007	ppbv	90
10) Heptane	7.568	43	3575	0.022	ppbv #	21
11) Trichlorofluoromethane	3.568	101	2264	0.015	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.076	101	1148	0.011	ppbv #	14
13) Ethanol	3.250	45	187	0.040	ppbv #	34
14) Bromoethene	3.375	108	585	0.012	ppbv #	1
15) Acetone	3.468	43	333	0.003	ppbv #	1
16) 1,3-Butadiene	2.996	39	887	0.015	ppbv #	1
17) tert-Butyl alcohol	3.906	59	260	0.002	ppbv #	1
18) 1,1-Dichloroethene	3.893	96	1035	0.021	ppbv #	27
19) Isopropyl Alcohol	3.574	45	212	0.003	ppbv #	29
20) Methylene Chloride	3.944	84	10223	0.219	ppbv #	62
21) Allyl Chloride	3.999	41	1322	0.016	ppbv #	20
22) trans-1,2-Dichloroethene	4.446	96	517	0.010	ppbv #	41
23) Vinyl Acetate	4.629	43	1800	0.035	ppbv #	27
24) 1,1-Dichloroethane	4.568	63	2588	0.024	ppbv #	90
25) Ethyl Acetate	5.217	43	7083	0.026	ppbv #	82
26) Hexane	5.211	57	6683	0.056	ppbv #	68
27) Carbon Disulfide	4.134	76	4289	0.034	ppbv #	1
28) Methyl tert-Butyl Ether	4.571	73	46	0.000	ppbv #	51
29) Chloroform	5.275	83	4421	0.026	ppbv	85
30) Cyclohexane	6.590	84	731	0.007	ppbv #	1
31) cis-1,2-Dichloroethene	5.076	61	1183	0.011	ppbv #	69
32) 1,1,1-Trichloroethane	5.999	97	2649	0.016	ppbv #	17
34) 2-Butanone	4.793	43	739	0.006	ppbv #	54
35) Carbon Tetrachloride	6.487	117	2216	0.013	ppbv #	42
36) Benzene	6.362	78	6739	0.027	ppbv #	84
37) 1,2-Dichloroethane	5.799	62	1725	0.014	ppbv #	80
38) Trichloroethene	7.282	130	1341	0.010	ppbv #	72
39) 1,2-Dichloropropane	6.645	63	699990	7.210	ppbv #	27
40) 1,4-Dioxane	7.262	88	110	0.003	ppbv #	1
41) Tetrahydrofuran	5.549	42	233	0.002	ppbv #	36
42) Bromodichloromethane	7.237	83	2347	0.012	ppbv #	75
43) Methyl Methacrylate	7.468	69	660	0.007	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	2808	0.007	ppbv #	43
45) t-1,3-Dichloropropene	8.687	75	208	0.002	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC0.03

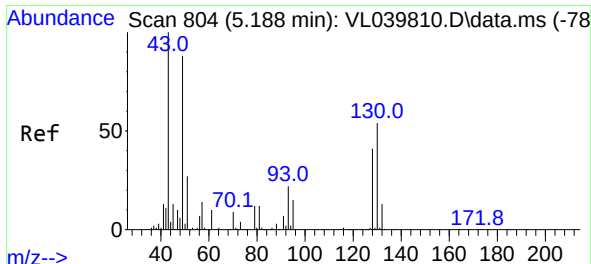
Quant Time: Nov 03 09:15:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 02 15:18:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	761	0.006	ppbv	# 27
47) 1,1,2-Trichloroethane	8.889	97	1280	0.013	ppbv	# 54
48) Dibromochloromethane	9.693	129	2670	0.016	ppbv	# 10
49) Bromoform	12.387	173	421	0.003	ppbv	# 1
50) 4-Methyl-2-Pentanone	8.169	43	458	0.002	ppbv	# 38
51) 2-Hexanone	9.542	43	231	0.001	ppbv	# 27
52) Tetrachloroethene	10.606	164	1912	0.020	ppbv	# 59
53) Toluene	9.211	91	5443	0.019	ppbv	# 15
54) 1,2-Dibromoethane	10.015	107	388	0.004	ppbv	# 100
56) 1,1,1,2-Tetrachloroethane	11.497	131	1426	0.012	ppbv	# 1
57) Chlorobenzene	11.507	112	4085	0.020	ppbv	# 77
58) Ethyl Benzene	12.333	91	1447	0.004	ppbv	# 91
59) m/p-Xylene	12.362	91	2099	0.007	ppbv	# 30
60) o-Xylene	13.043	91	1241	0.004	ppbv	# 29
61) Styrene	12.883	104	982	0.005	ppbv	# 1
62) Isopropylbenzene	14.008	105	3253	0.008	ppbv	# 1
63) 1,1,2,2-Tetrachloroethane	13.027	83	814	0.008	ppbv	# 24
64) n-propylbenzene	14.902	120	995	0.009	ppbv	# 1
65) tert-Butylbenzene	16.079	119	2856	0.008	ppbv	# 19
66) Benzyl Chloride	16.310	91	165	0.004	ppbv	# 32
67) sec-Butylbenzene	16.622	105	2573	0.005	ppbv	# 58
69) p-Isopropyltoluene	16.989	119	6340	0.015	ppbv	# 47
70) n-Butylbenzene	17.879	91	5589	0.014	ppbv	# 32
71) 2-Chlorotoluene	14.786	91	2618	0.008	ppbv	# 1
72) 4-Ethyltoluene	15.175	105	2779	0.009	ppbv	# 7
73) 1,3,5-Trimethylbenzene	15.339	105	1360	0.005	ppbv	# 50
74) 1,2,4-Trimethylbenzene	16.098	105	3533	0.011	ppbv	# 67
75) 1,3-Dichlorobenzene	16.317	146	1786	0.010	ppbv	# 23
76) 1,4-Dichlorobenzene	16.455	146	1907	0.011	ppbv	# 23
77) 1,2-Dichlorobenzene	17.133	146	2793	0.016	ppbv	# 23
78) Hexachloro-1,3-Butadiene	22.615	225	2253	0.018	ppbv	# 18
79) Naphthalene	21.371	128	1407	0.006	ppbv	# 81
80) Naphthalene,2-methyl-	24.387	142	166	0.002	ppbv	# 25
81) 1,2,4-Trichlorobenzene	21.130	180	821	0.007	ppbv	# 11

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

Quant Time: Nov 03 09:15:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 02 15:18:40 2022
Response via : Initial Calibration

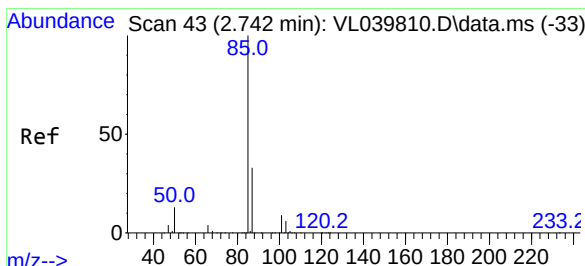
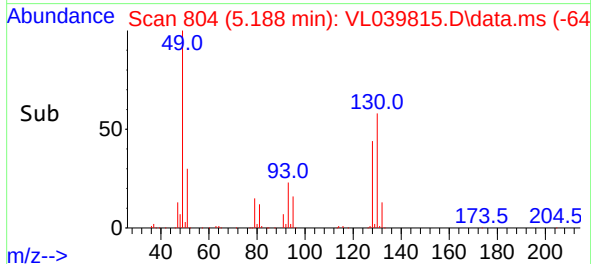
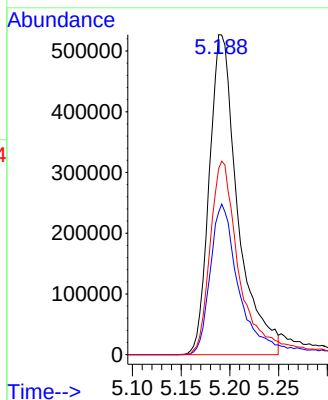
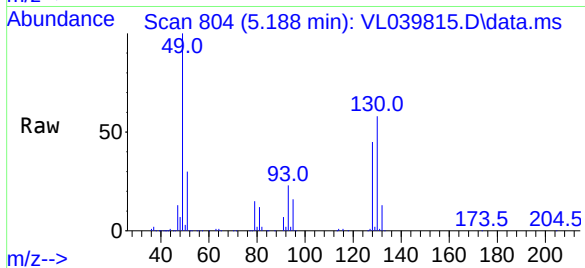




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

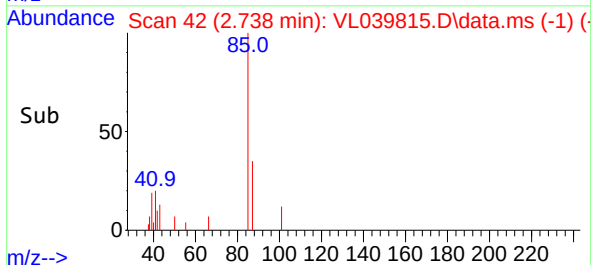
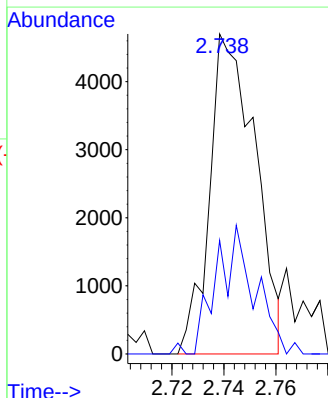
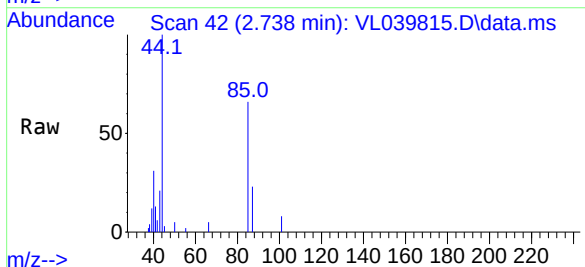
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

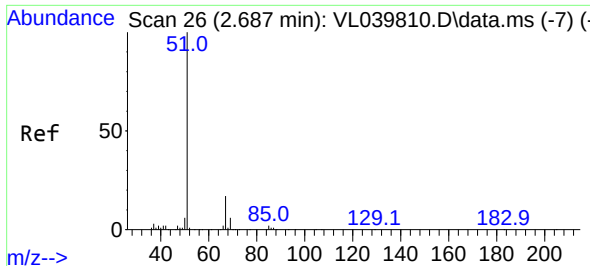
Tgt Ion: 49 Resp: 1070767
Ion Ratio Lower Upper
49 100
128 49.8 24.6 73.6
130 65.8 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.032 ppbv
RT: 2.738 min Scan# 42
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 85 Resp: 5730
Ion Ratio Lower Upper
85 100
87 32.0 26.4 39.6

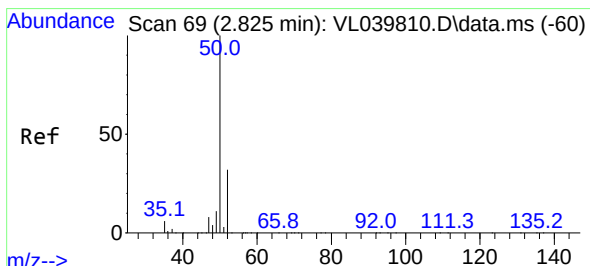
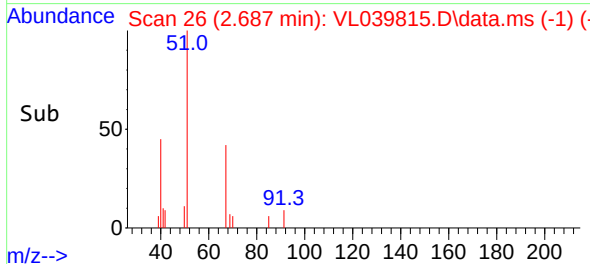
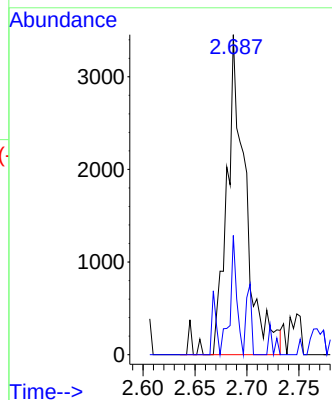
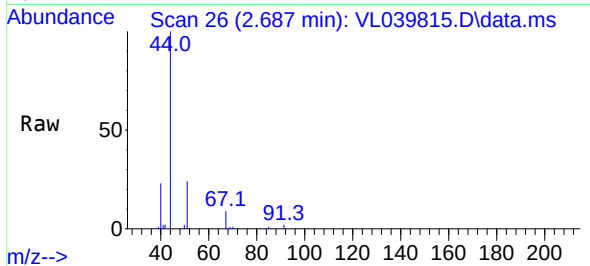




#3
Chlorodifluoromethane
Concen: 0.035 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

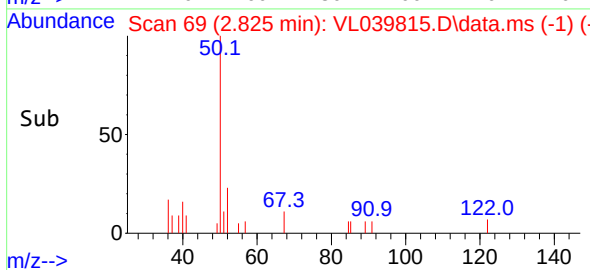
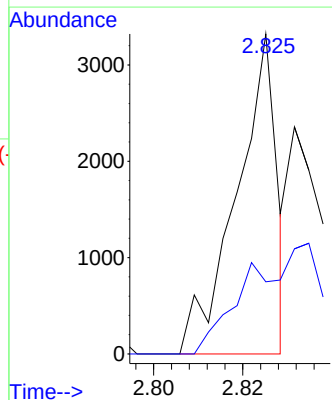
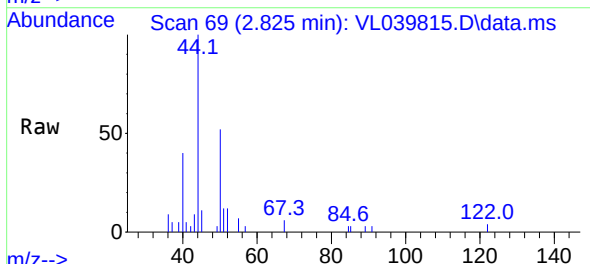
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

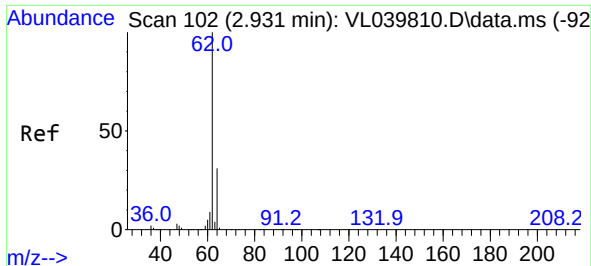
Tgt Ion: 51 Resp: 4426
Ion Ratio Lower Upper
51 100
67 25.6 13.2 19.8#



#4
Chloromethane
Concen: 0.026 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 50 Resp: 2088
Ion Ratio Lower Upper
50 100
52 22.5 25.5 38.3#

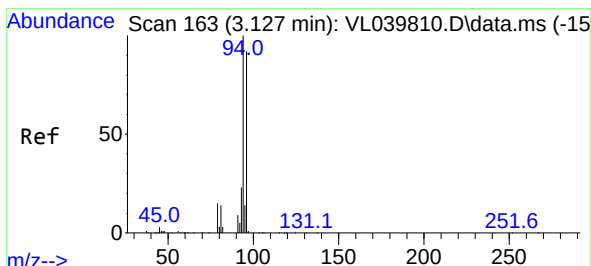
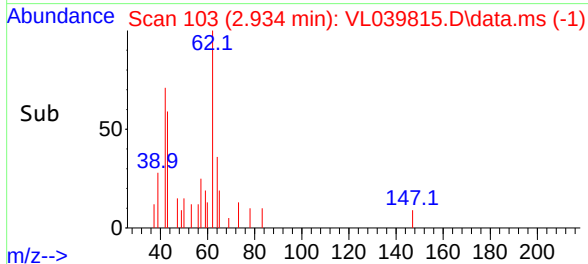
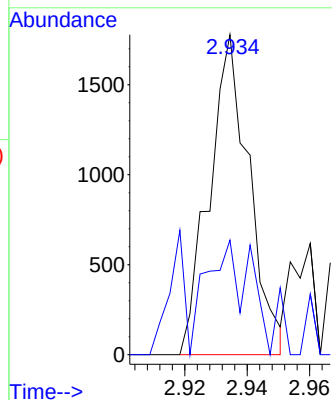
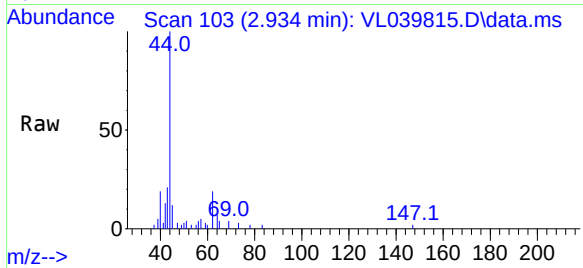




#5
 Vinyl Chloride
 Concen: 0.024 ppbv
 RT: 2.934 min Scan# 102
 Delta R.T. 0.003 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

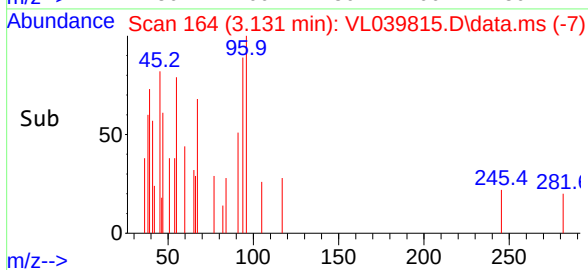
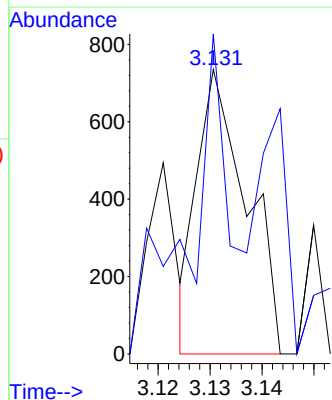
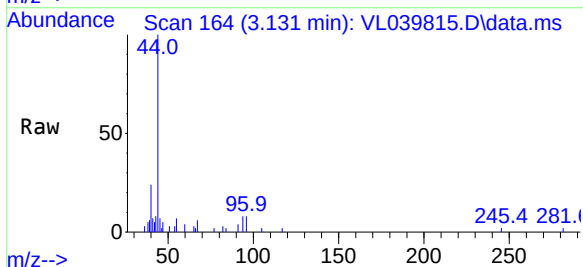
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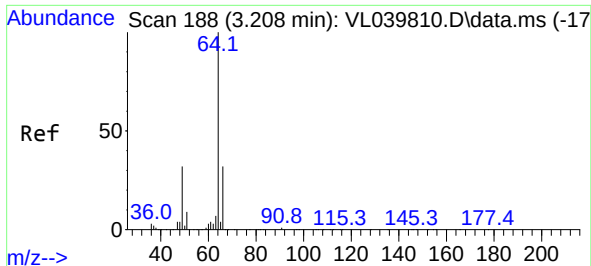
Tgt Ion: 62 Resp: 1576
 Ion Ratio Lower Upper
 62 100
 64 14.9 25.0 37.4#



#6
 Bromomethane
 Concen: 0.021 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

Tgt Ion: 94 Resp: 485
 Ion Ratio Lower Upper
 94 100
 96 72.2 73.5 110.3#

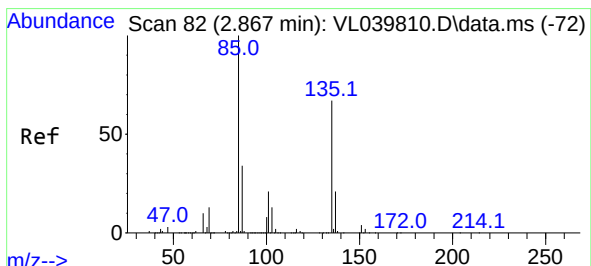
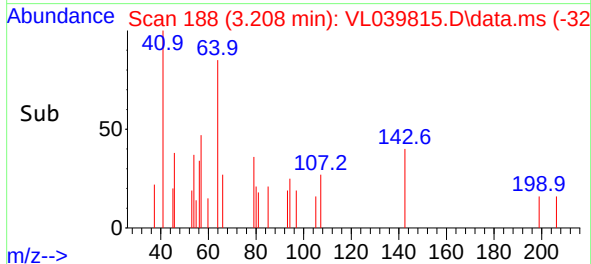
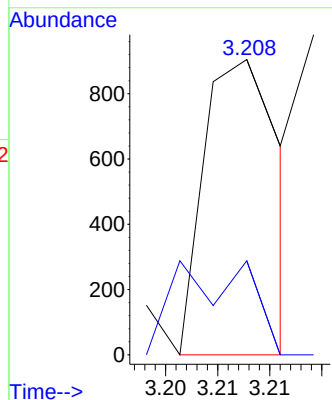
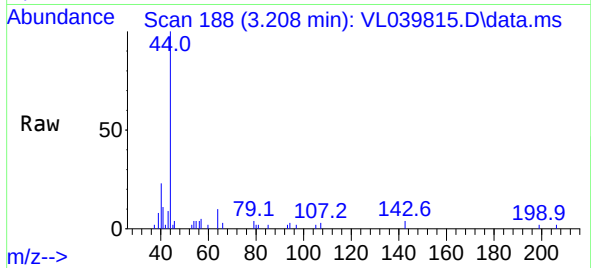




#7
Chloroethane
Concen: 0.019 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

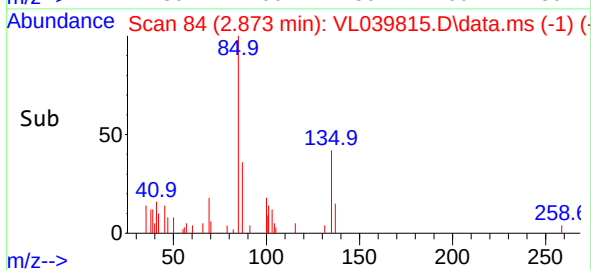
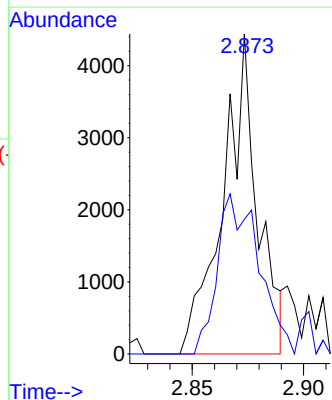
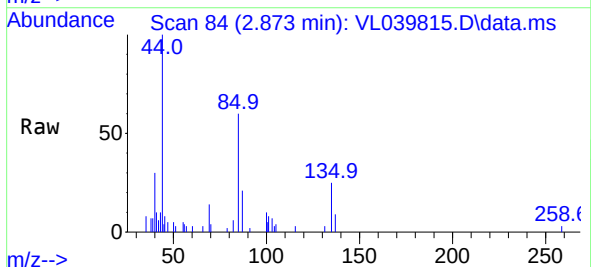
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 64 Resp: 459
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

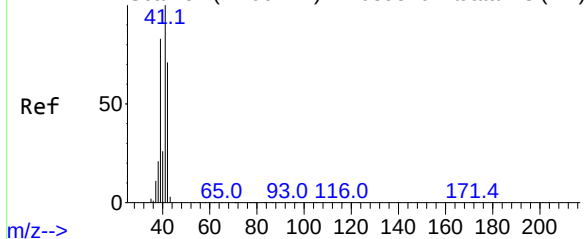


#8
Dichlorotetrafluoroethane
Concen: 0.031 ppbv
RT: 2.873 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 85 Resp: 4771
Ion Ratio Lower Upper
85 100
135 64.6 56.7 85.1



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

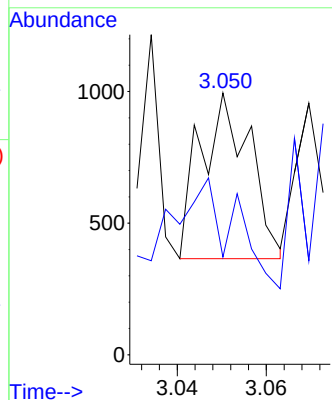
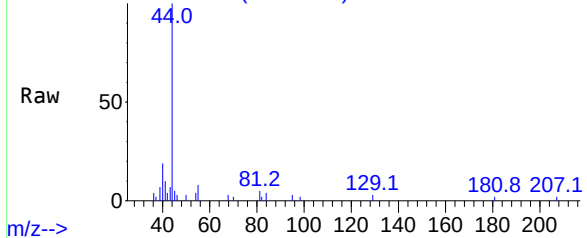


#9
Propene
Concen: 0.007 ppbv
RT: 3.050 min Scan# 11
Delta R.T. 0.344 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

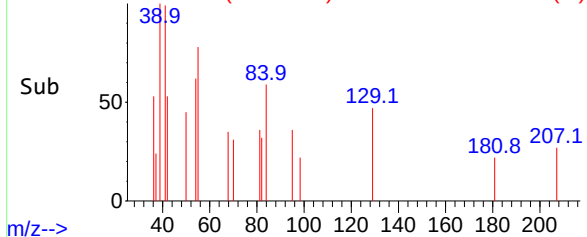
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 41 Resp: 485
Ion Ratio Lower Upper
41 100
42 62.3 56.3 84.5

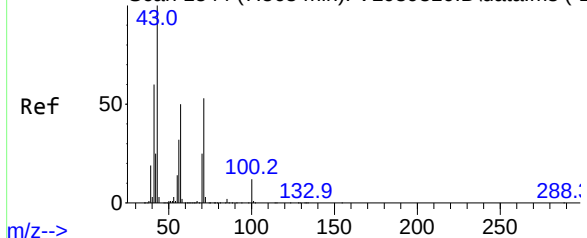
Abundance Scan 139 (3.050 min): VL039815.D\data.ms



Abundance Scan 139 (3.050 min): VL039815.D\data.ms (-1)



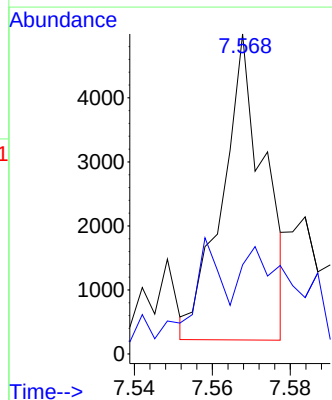
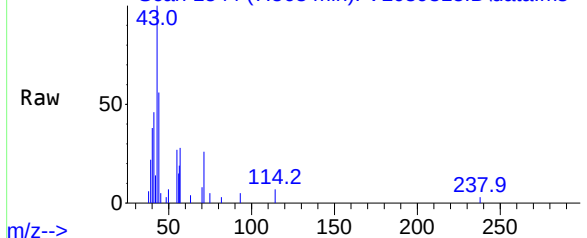
Abundance Scan 1544 (7.568 min): VL039810.D\data.ms (-1)



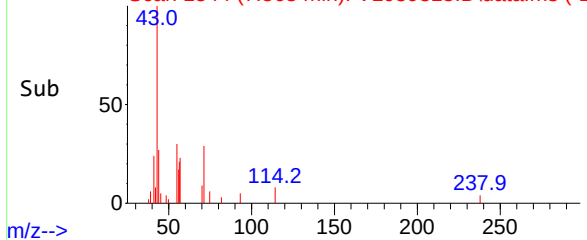
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Heptane
Concen: 0.022 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

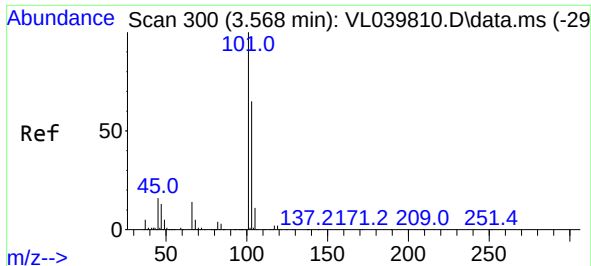
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
57 105.6 40.5 60.7#

Abundance Scan 1544 (7.568 min): VL039815.D\data.ms



Abundance Scan 1544 (7.568 min): VL039815.D\data.ms (-1)

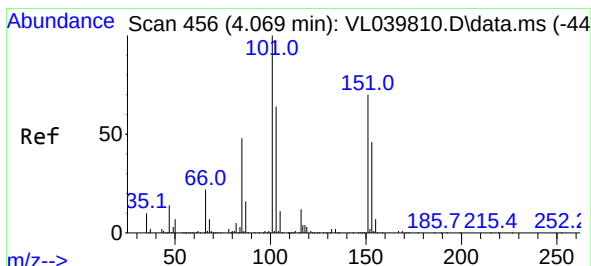
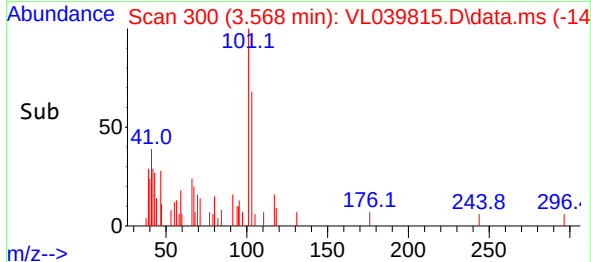
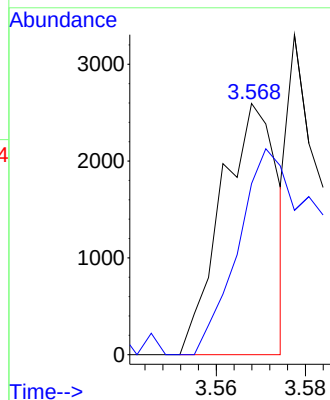
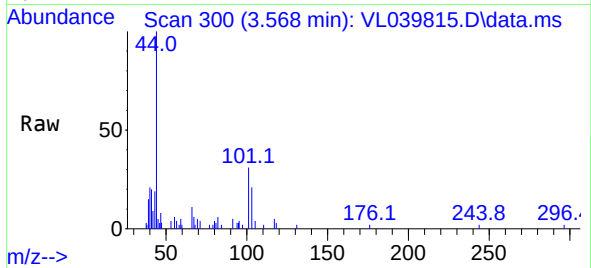




#11
 Trichlorofluoromethane
 Concen: 0.015 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

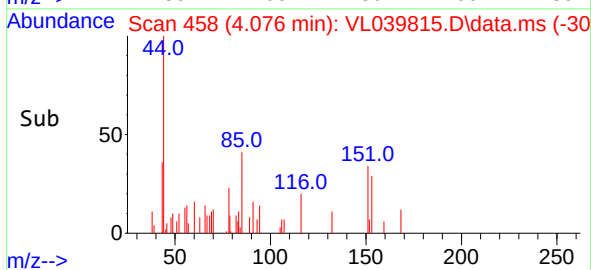
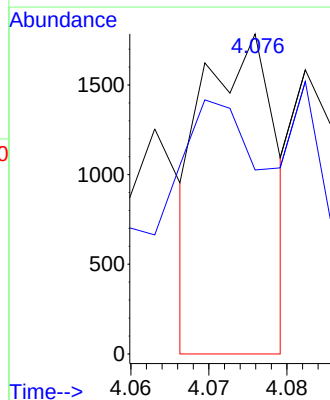
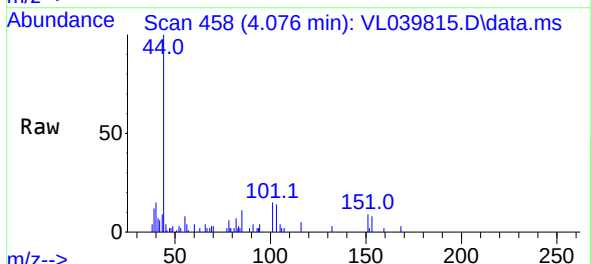
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

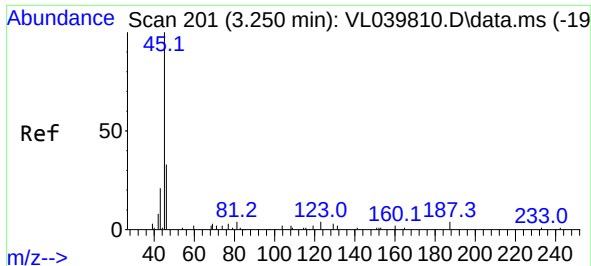
Tgt Ion:101 Resp: 2264
 Ion Ratio Lower Upper
 101 100
 103 68.1 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.011 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.006 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

Tgt Ion:101 Resp: 1148
 Ion Ratio Lower Upper
 101 100
 151 0.0 57.2 85.8#

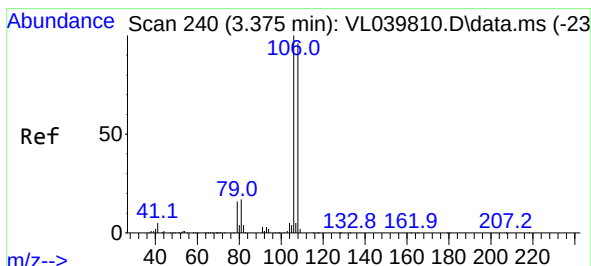
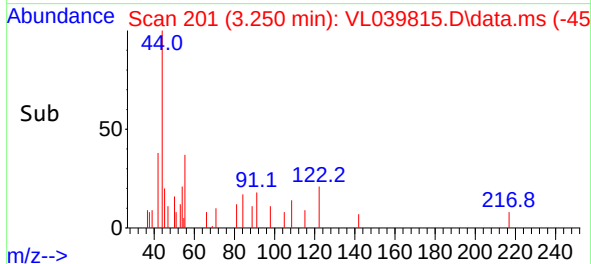
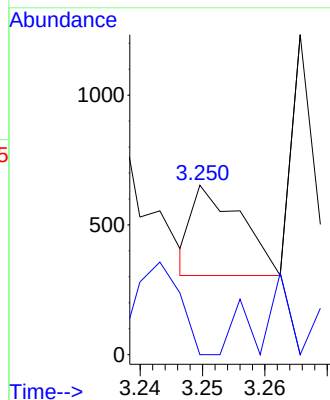
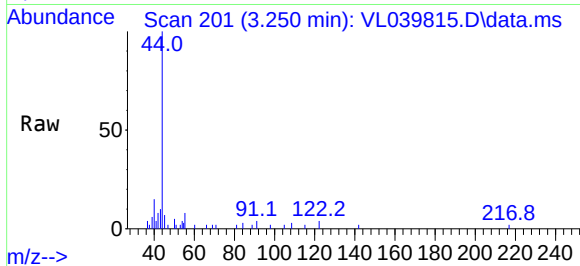




#13
Ethanol
Concen: 0.040 ppbv
RT: 3.250 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

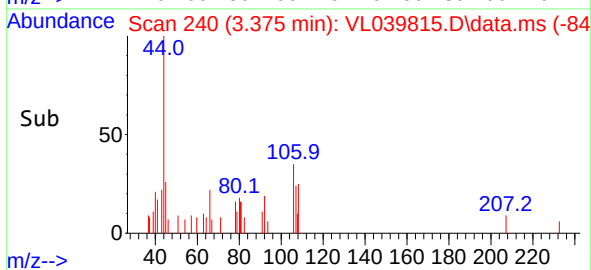
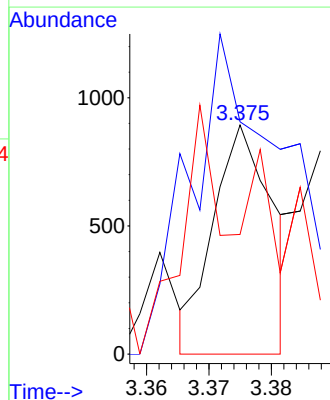
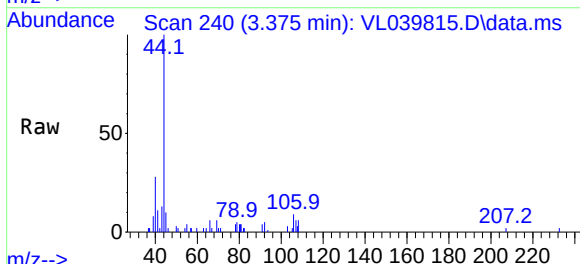
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

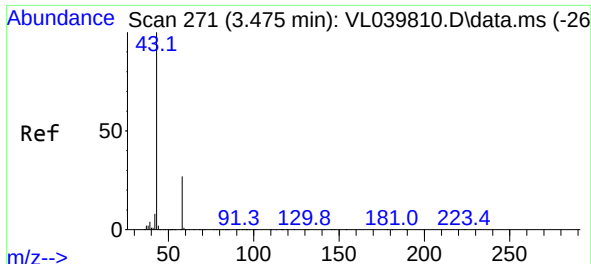
Tgt Ion: 45 Resp: 187
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#



#14
Bromoethene
Concen: 0.012 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 108 Resp: 585
Ion Ratio Lower Upper
108 100
106 289.7 87.8 131.8#
79 320.9 14.5 21.7#

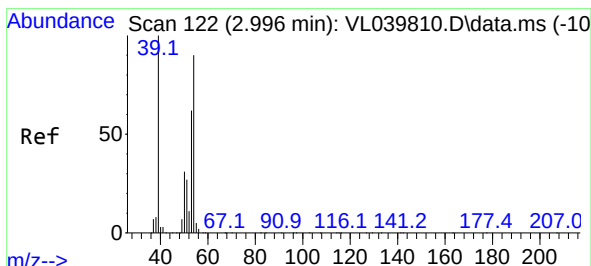
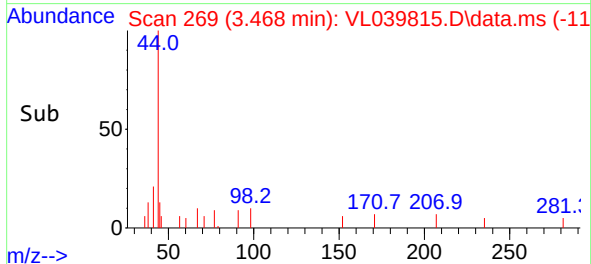
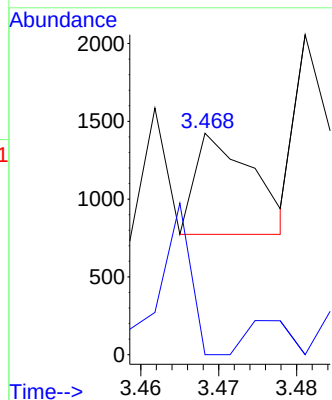
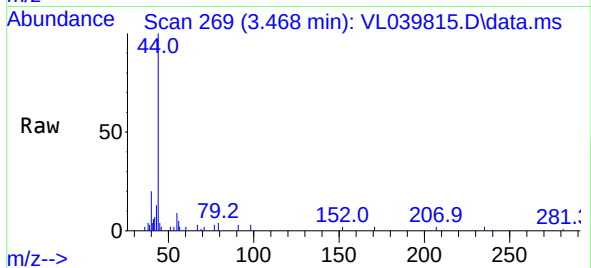




#15
Acetone
Concen: 0.003 ppbv
RT: 3.468 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

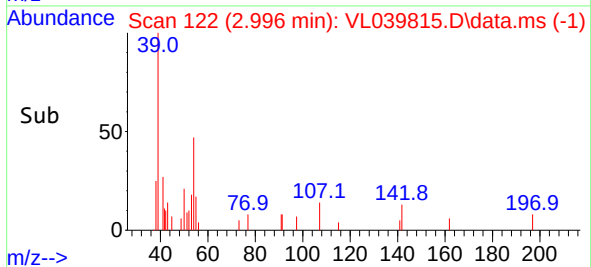
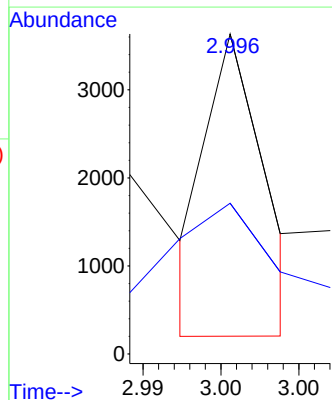
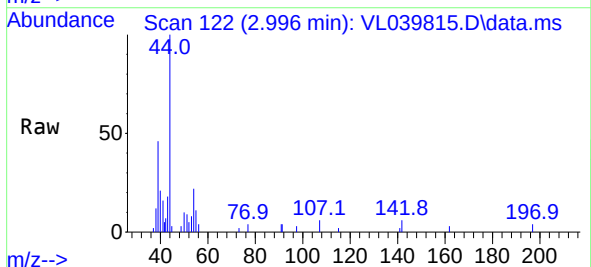
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

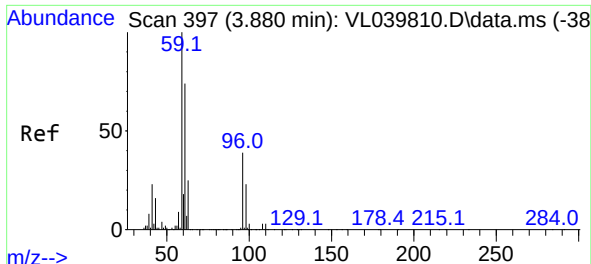
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 141.4 23.2 34.8#



#16
1,3-Butadiene
Concen: 0.015 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 39 Resp: 887
Ion Ratio Lower Upper
39 100
54 224.2 71.0 106.4#





#17

tert-Butyl alcohol

Concen: 0.002 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.026 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

Instrument :

MSVOA_L

ClientSampleId :

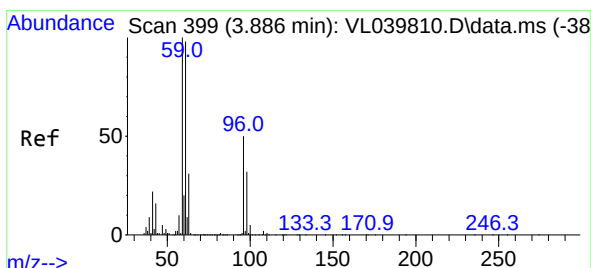
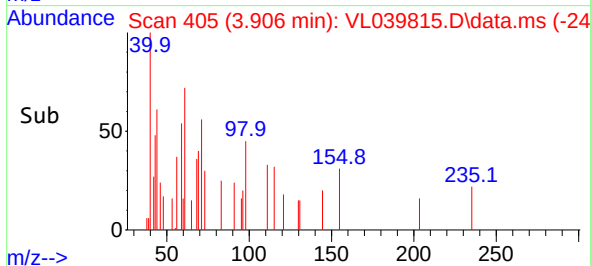
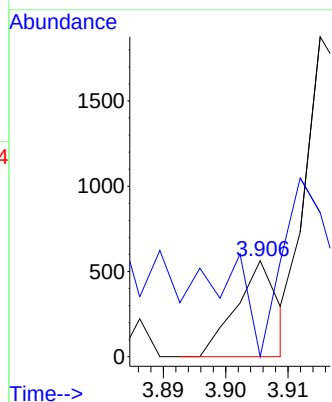
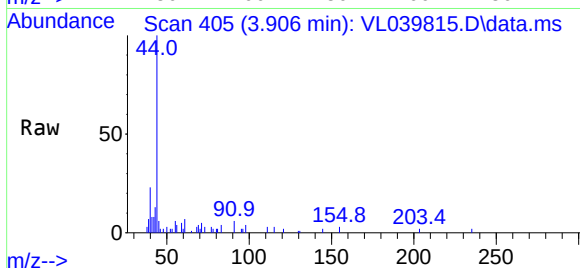
VSTDICC0.03

Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

59 100

57 624.6 9.0 13.6#



#18

1,1-Dichloroethene

Concen: 0.021 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.006 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

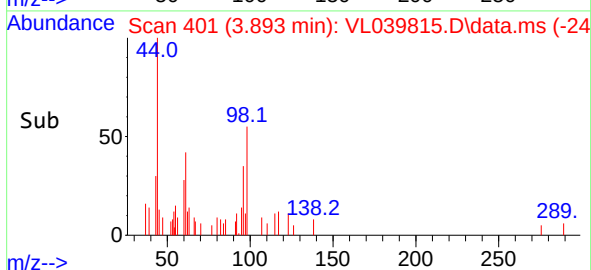
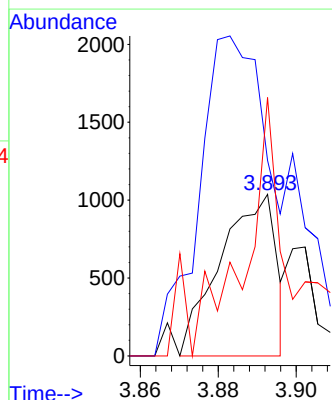
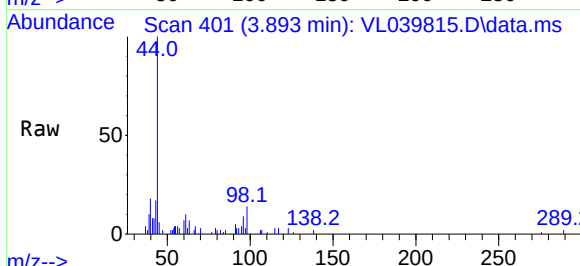
Tgt Ion: 96 Resp: 1035

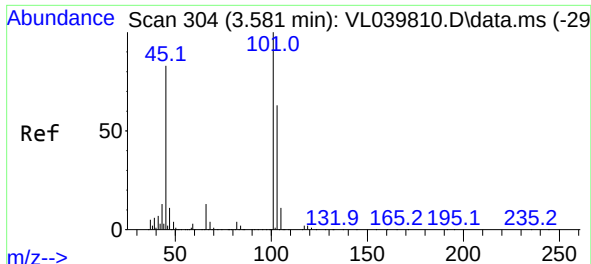
Ion Ratio Lower Upper

96 100

61 71.6 156.9 235.3#

98 96.7 50.6 75.8#





#19

Isopropyl Alcohol

Concen: 0.003 ppbv

RT: 3.574 min Scan# 304

Delta R.T. -0.006 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

Instrument :

MSVOA_1

ClientSampleId :

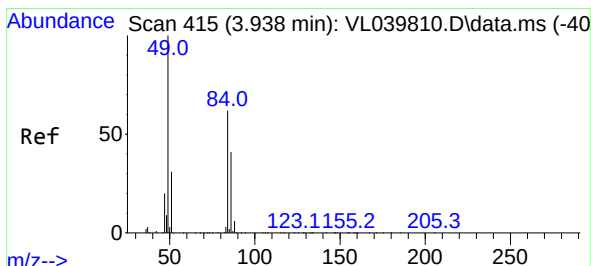
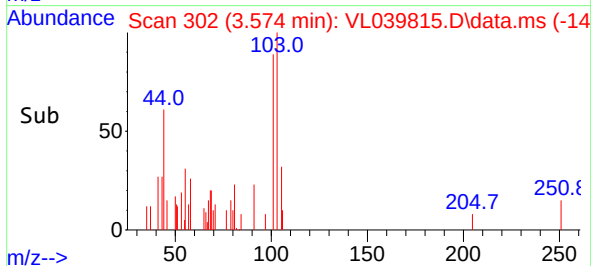
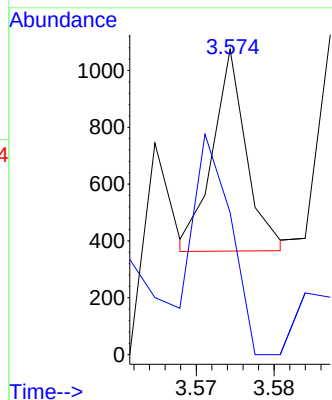
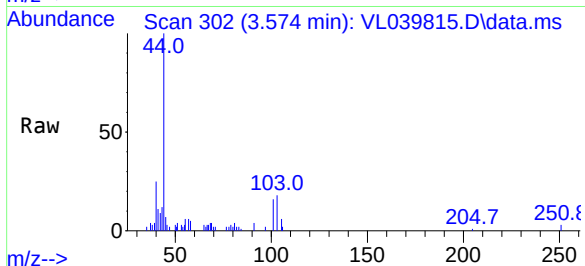
VSTDICC0.03

Tgt Ion: 45 Resp: 212

Ion Ratio Lower Upper

45 100

58 0.0 38.3 57.5#



#20

Methylene Chloride

Concen: 0.219 ppbv

RT: 3.944 min Scan# 417

Delta R.T. 0.006 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

Tgt Ion: 84 Resp: 10223

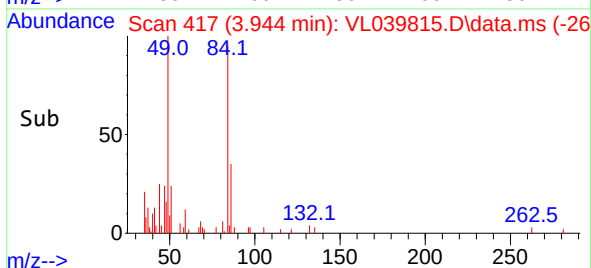
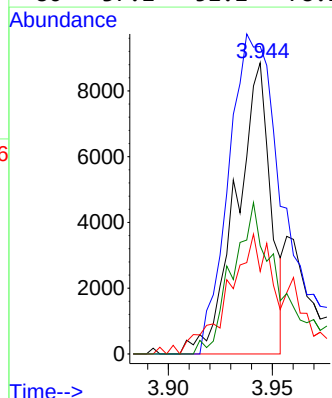
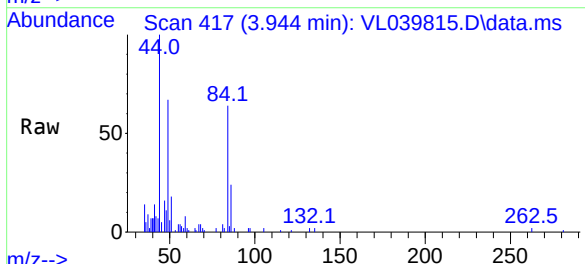
Ion Ratio Lower Upper

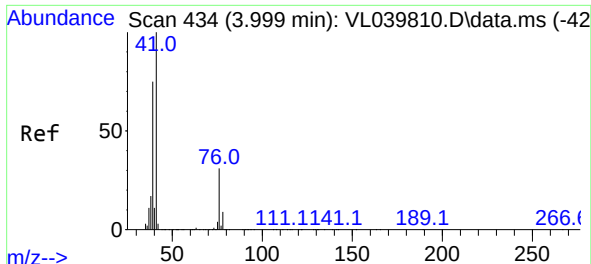
84 100

49 105.6 128.6 192.8#

51 28.4 40.2 60.4#

86 37.2 52.2 78.2#

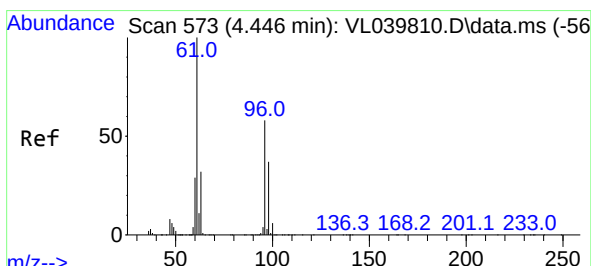
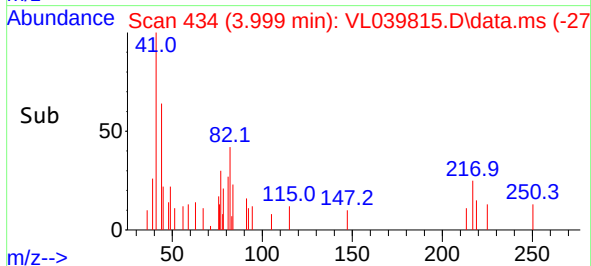
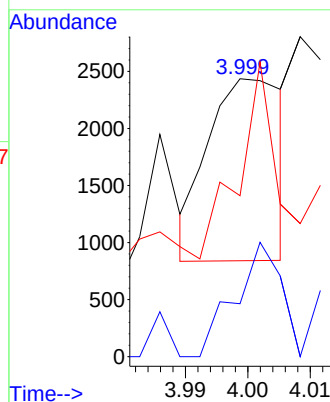
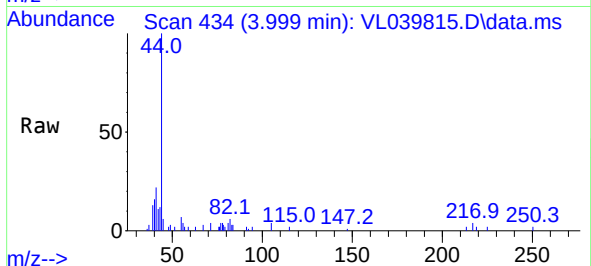




#21
 Allyl Chloride
 Concen: 0.016 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

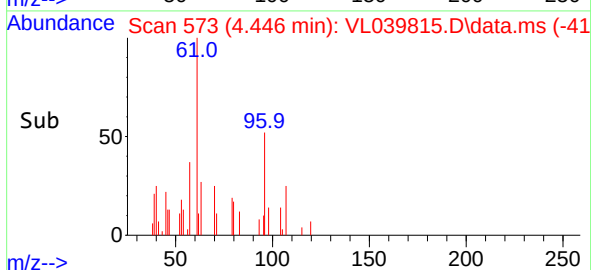
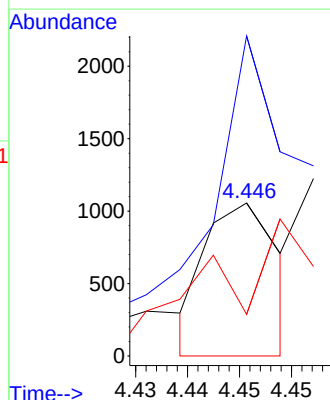
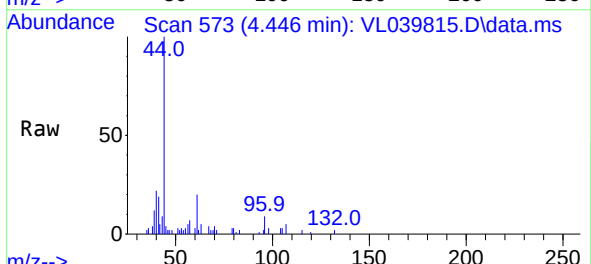
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

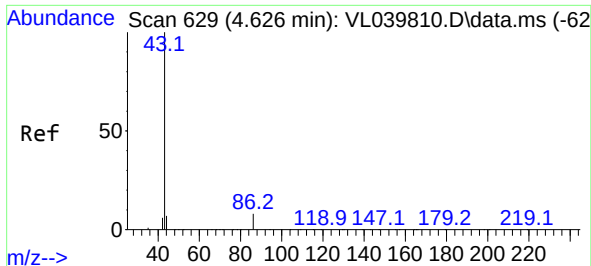
Tgt Ion: 41 Resp: 1322
 Ion Ratio Lower Upper
 41 100
 76 57.6 24.1 36.1#
 39 0.0 64.3 96.5#



#22
 trans-1,2-Dichloroethene
 Concen: 0.010 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

Tgt Ion: 96 Resp: 517
 Ion Ratio Lower Upper
 96 100
 61 241.3 137.6 206.4#
 98 0.0 51.2 76.8#



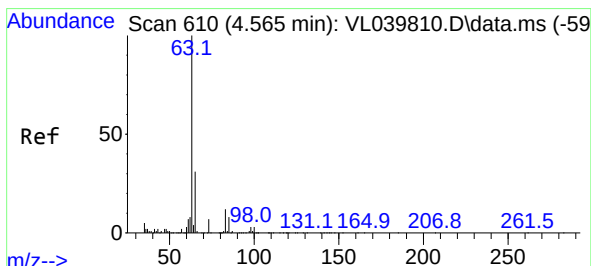
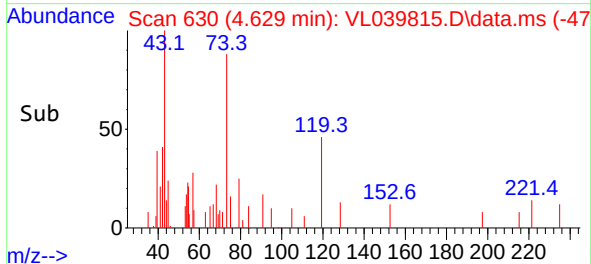
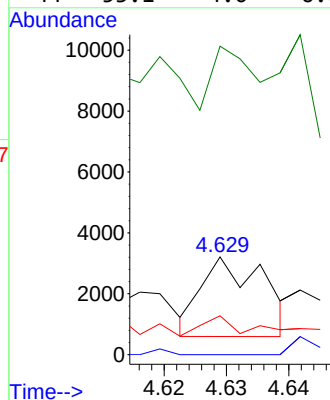
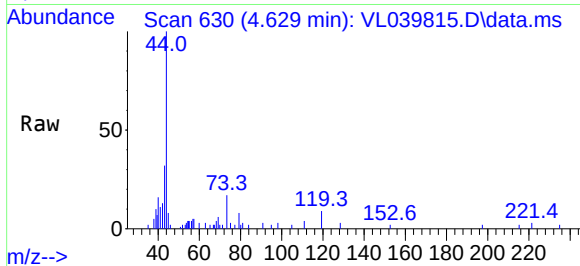


#23
 Vinyl Acetate
 Concen: 0.035 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 43 Resp: 1800

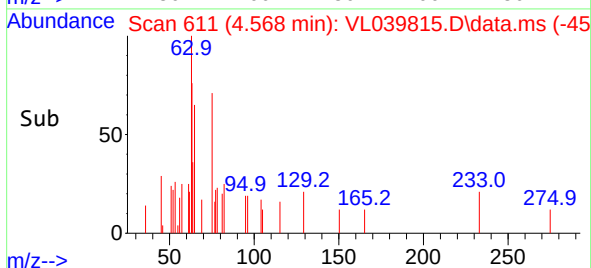
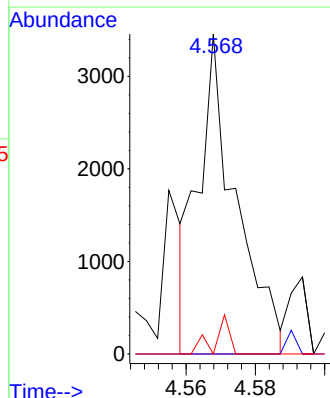
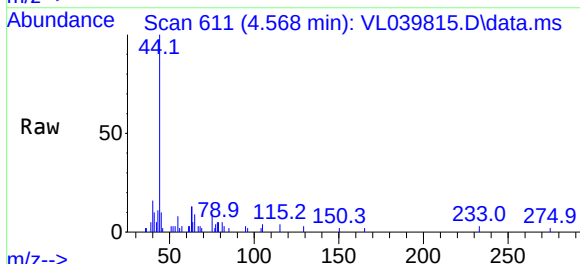
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	33.5	6.8	10.2#
44	53.1	4.0	6.0#

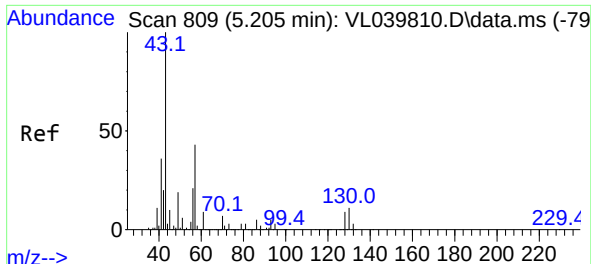


#24
 1,1-Dichloroethane
 Concen: 0.024 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL039815.D
 Acq: 2 Nov 2022 13:54

Tgt Ion: 63 Resp: 2588

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.4#
100	0.0	1.5	4.4#



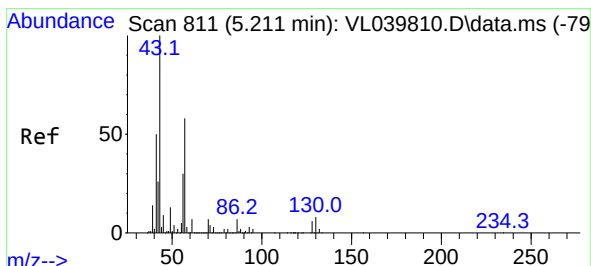
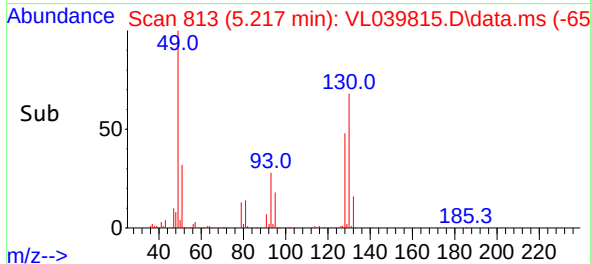
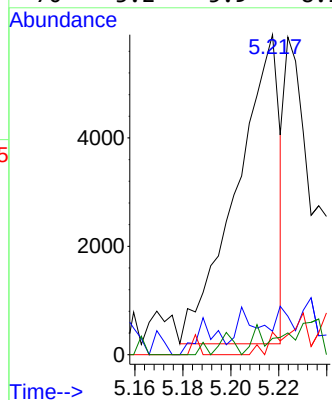
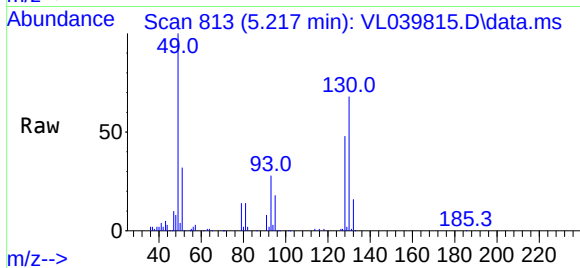


#25
Ethyl Acetate
Concen: 0.026 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.013 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

Tgt Ion: 43 Resp: 7083

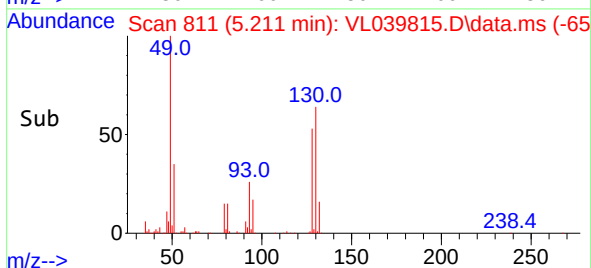
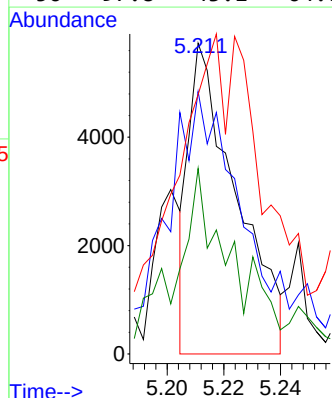
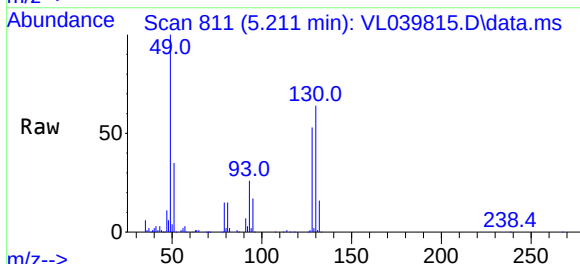
Ion	Ratio	Lower	Upper
43	100		
45	5.5	8.2	12.2#
61	0.0	8.1	12.1#
70	3.2	5.9	8.9#

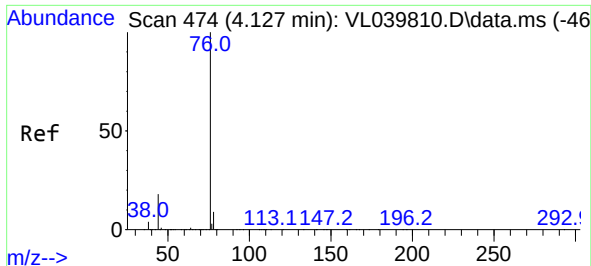


#26
Hexane
Concen: 0.056 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 57 Resp: 6683

Ion	Ratio	Lower	Upper
57	100		
41	156.7	73.7	110.5#
43	257.2	189.8	284.8
56	97.8	43.1	64.7#

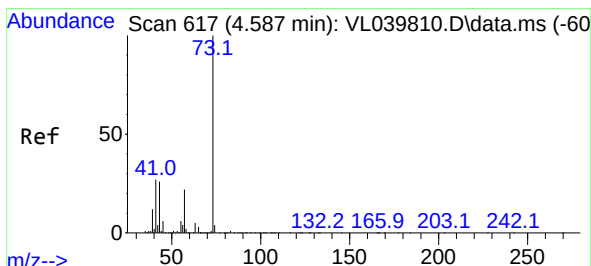
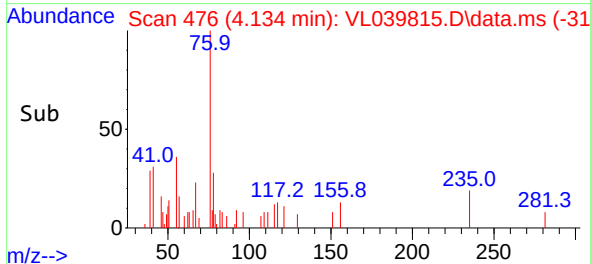
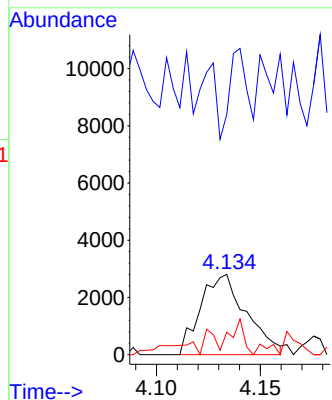
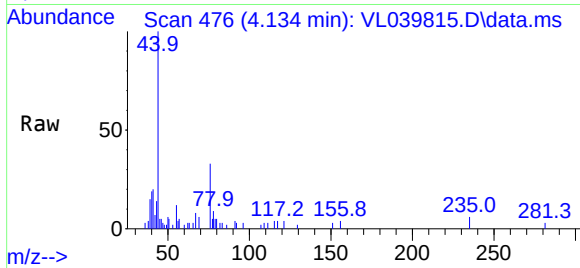




#27
Carbon Disulfide
Concen: 0.034 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

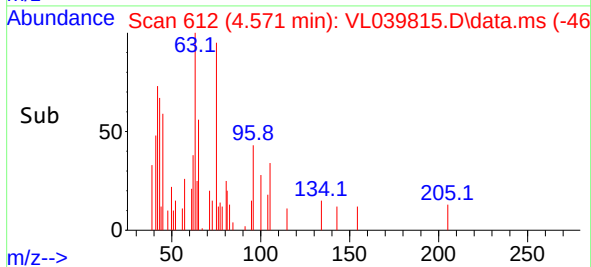
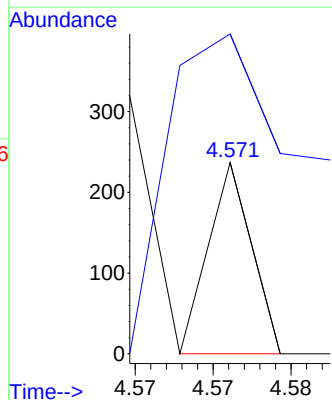
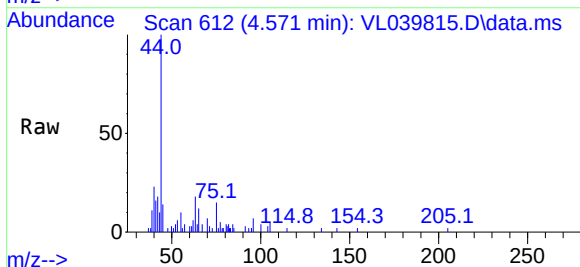
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

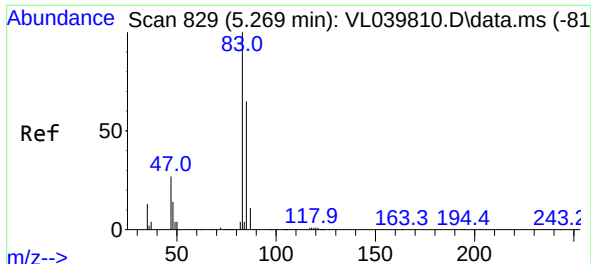
Tgt Ion: 76 Resp: 4289
Ion Ratio Lower Upper
76 100
44 77.1 14.6 22.0#
78 25.0 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.000 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.016 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 73 Resp: 46
Ion Ratio Lower Upper
73 100
57 0.0 19.4 29.2#





#29

Chloroform

Concen: 0.026 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

Instrument :

MSVOA_L

ClientSampleId :

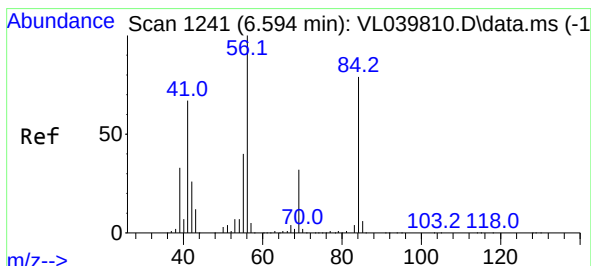
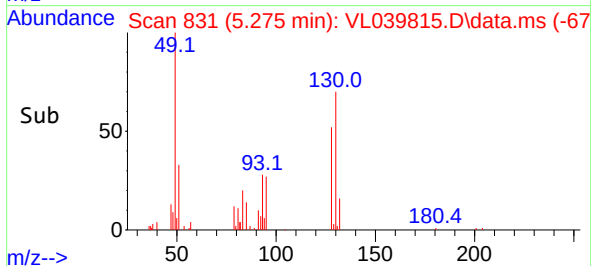
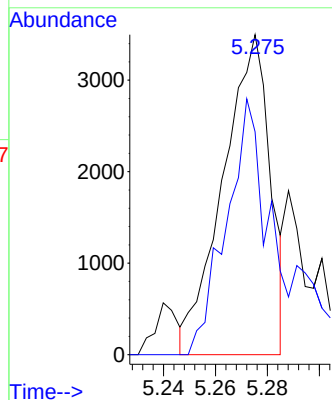
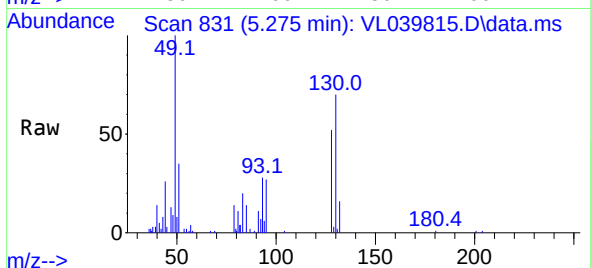
VSTDICC0.03

Tgt Ion: 83 Resp: 4421

Ion Ratio Lower Upper

83 100

85 76.2 51.6 77.4



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.003 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

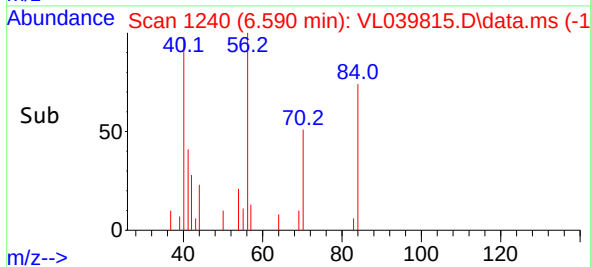
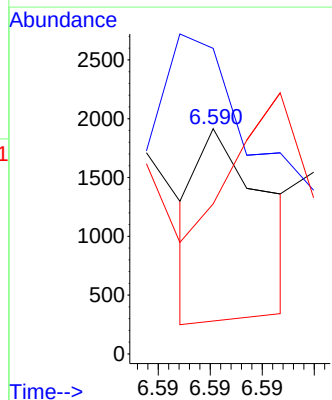
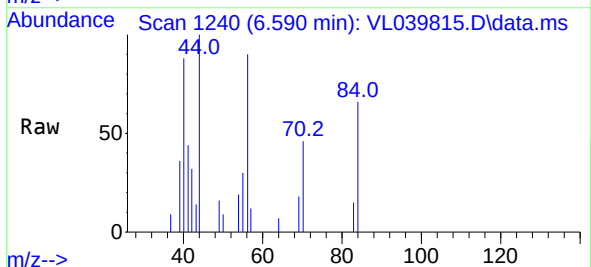
Tgt Ion: 84 Resp: 731

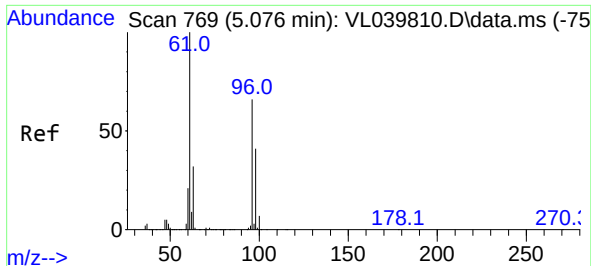
Ion Ratio Lower Upper

84 100

56 0.0 114.8 172.2#

41 0.0 68.6 103.0#

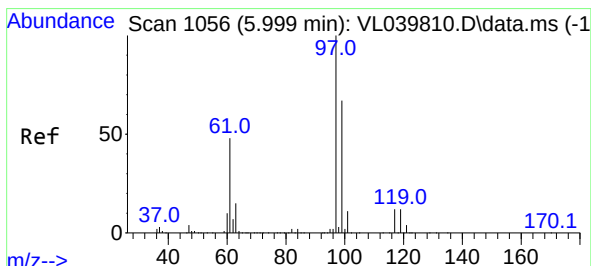
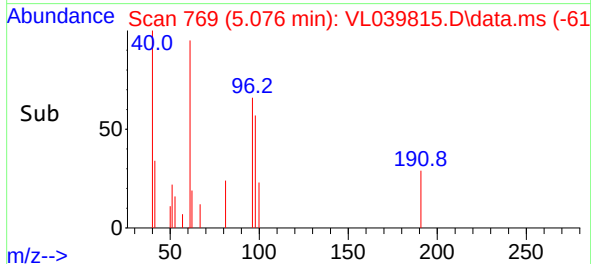
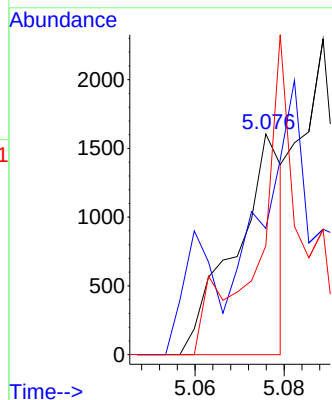
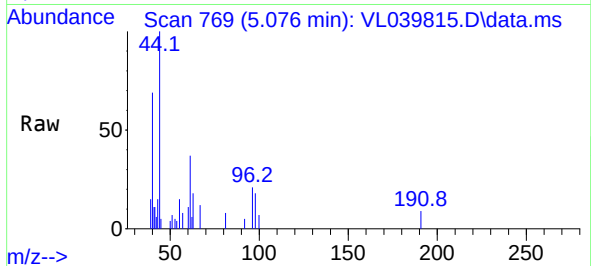




#31
cis-1,2-Dichloroethene
Concen: 0.011 ppbv
RT: 5.076 min Scan# 769
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

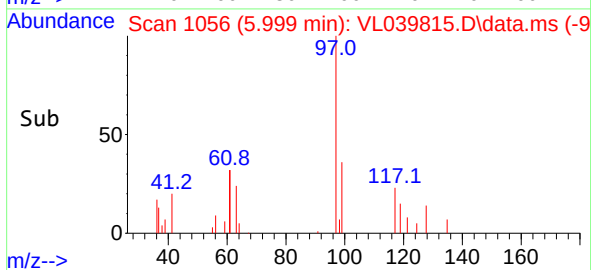
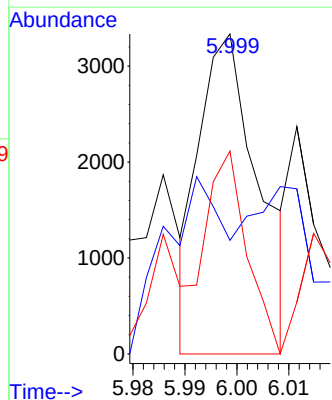
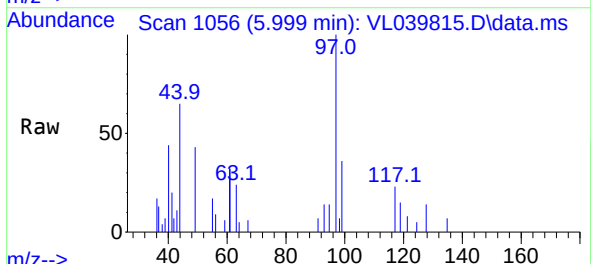
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

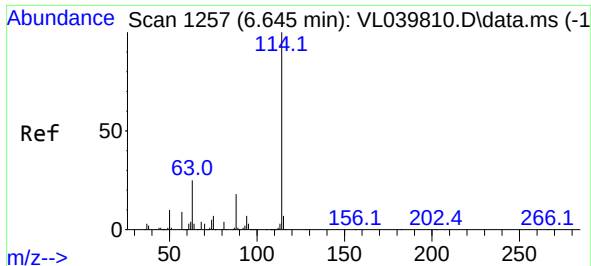
Tgt Ion: 61 Resp: 1183
Ion Ratio Lower Upper
61 100
96 32.5 52.6 78.8#
98 49.3 32.6 48.8#



#32
1,1,1-Trichloroethane
Concen: 0.016 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 97 Resp: 2649
Ion Ratio Lower Upper
97 100
99 137.2 52.7 79.1#
61 98.9 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: VL039815.D

Acq: 2 Nov 2022 13:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

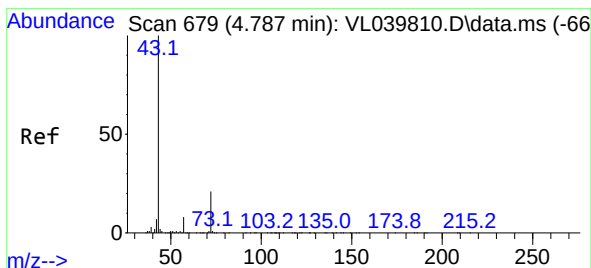
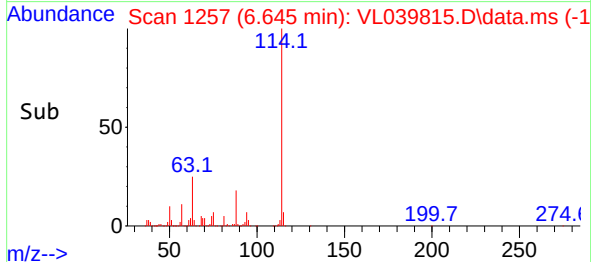
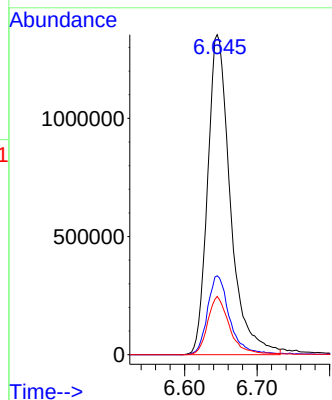
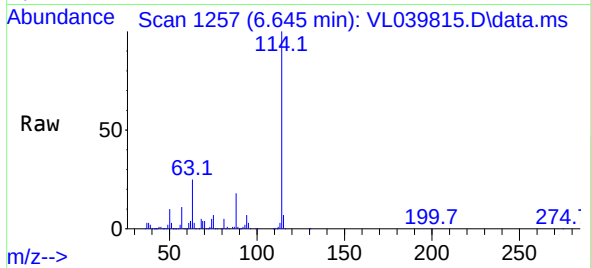
Tgt Ion:114 Resp: 2953853

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

88 17.7 14.4 21.6



#34

2-Butanone

Concen: 0.006 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.006 min

Lab File: VL039815.D

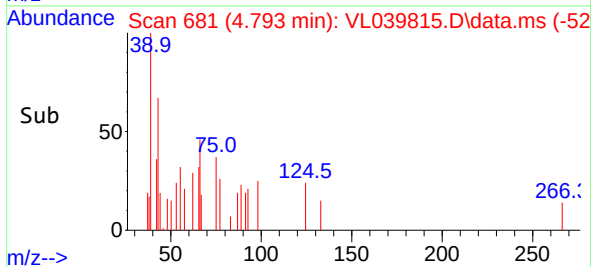
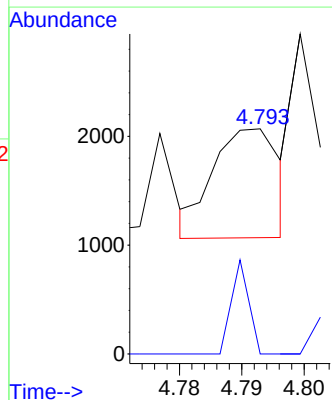
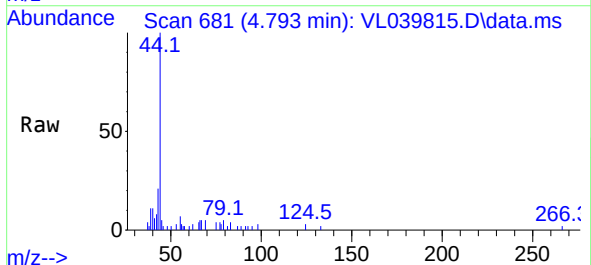
Acq: 2 Nov 2022 13:54

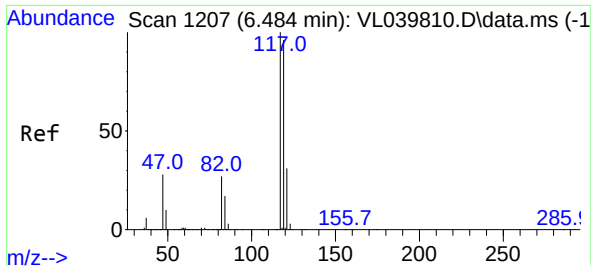
Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

72 0.0 17.5 26.3#

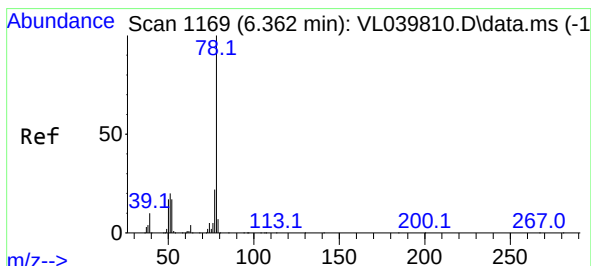
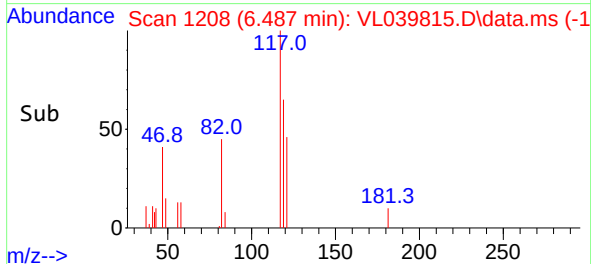
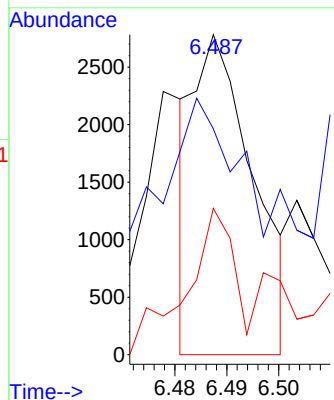
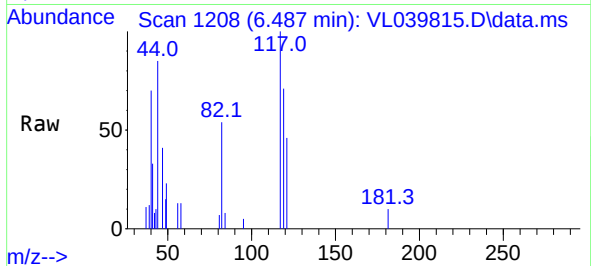




#35
Carbon Tetrachloride
Concen: 0.013 ppbv
RT: 6.487 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

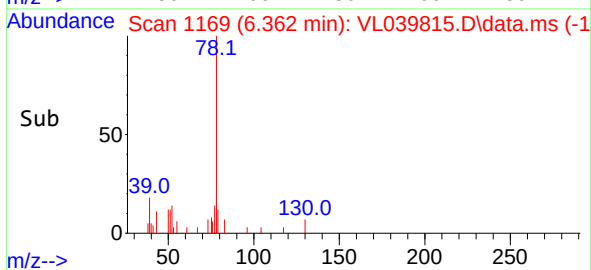
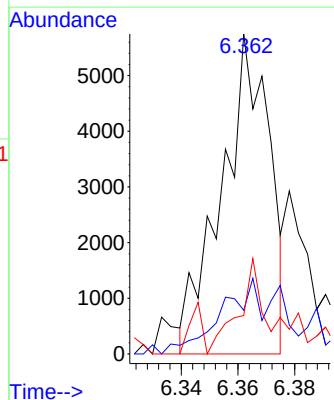
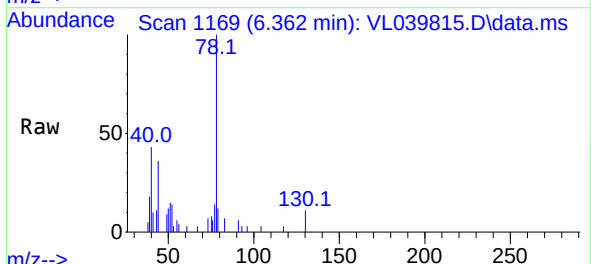
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

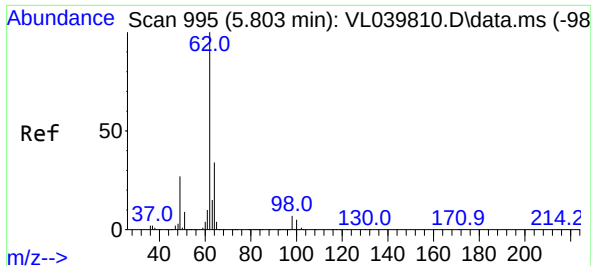
Tgt Ion:117 Resp: 2216
Ion Ratio Lower Upper
117 100
119 30.2 76.5 114.7#
121 48.2 25.2 37.8#



#36
Benzene
Concen: 0.027 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 78 Resp: 6739
Ion Ratio Lower Upper
78 100
77 11.9 17.4 26.2#
50 13.0 13.9 20.9#

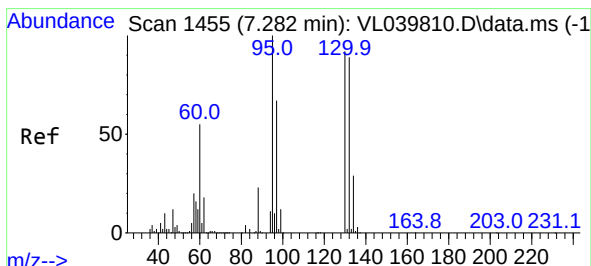
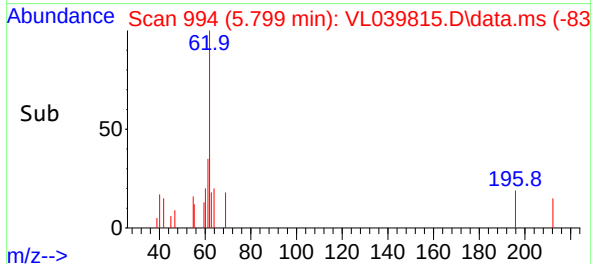
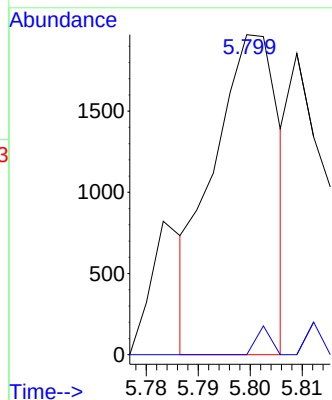
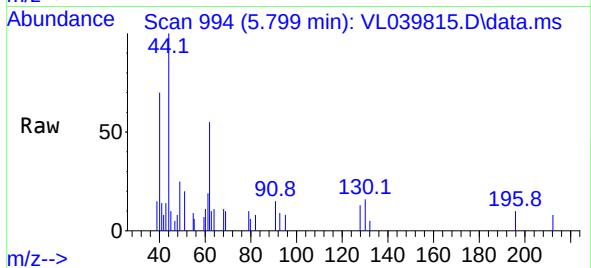




#37
1,2-Dichloroethane
Concen: 0.014 ppbv
RT: 5.799 min Scan# 994
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

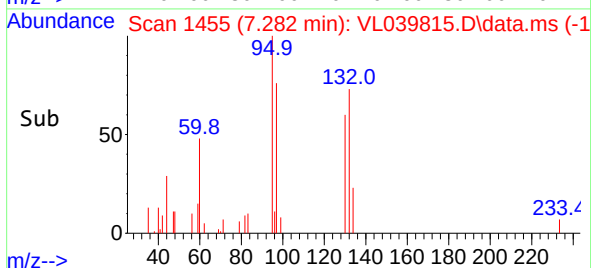
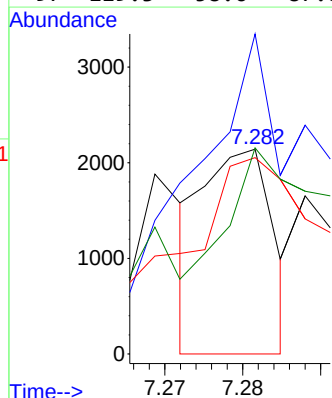
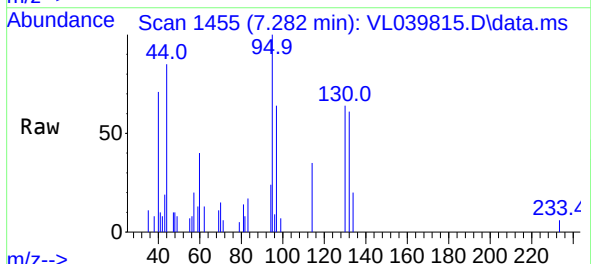
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

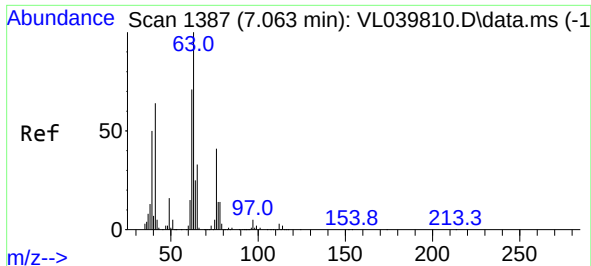
Tgt Ion: 62 Resp: 1725
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.2#



#38
Trichloroethene
Concen: 0.010 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion:130 Resp: 1341
Ion Ratio Lower Upper
130 100
95 135.5 87.4 131.2#
132 87.1 77.7 116.5
97 119.3 58.6 87.8#





#39

1,2-Dichloropropane

Concen: 7.210 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

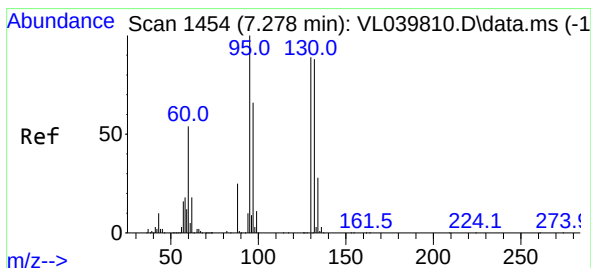
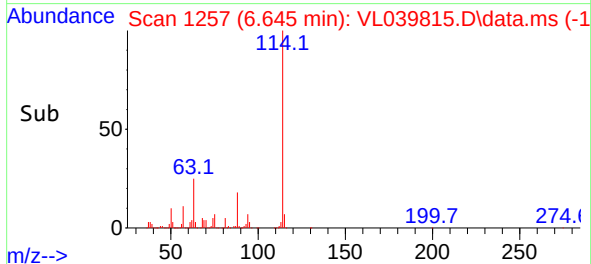
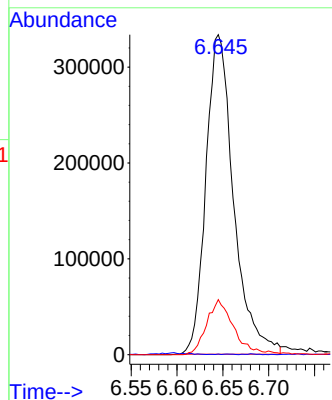
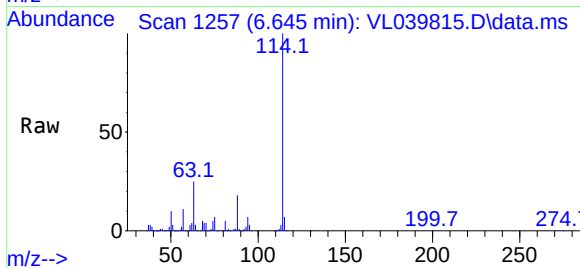
Tgt Ion: 63 Resp: 699990

Ion Ratio Lower Upper

63 100

41 0.2 51.0 76.4#

62 17.2 56.6 85.0#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.016 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

Tgt Ion: 88 Resp: 110

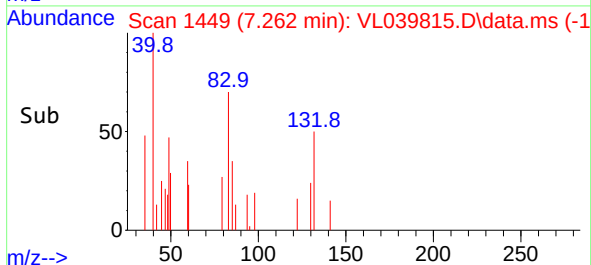
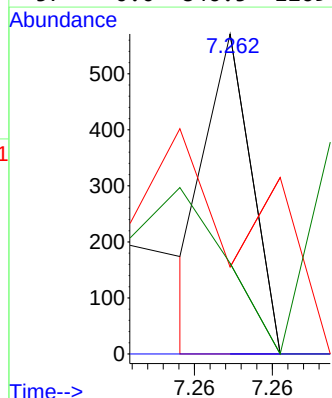
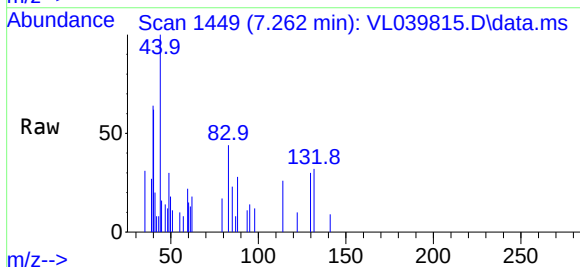
Ion Ratio Lower Upper

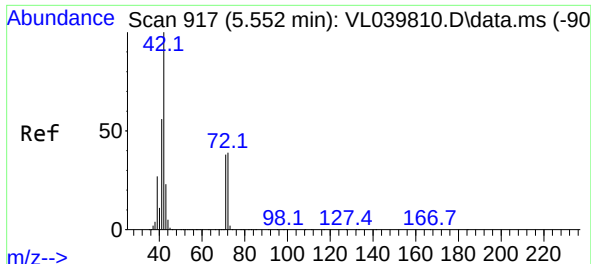
88 100

58 171.8 99.5 149.3#

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#

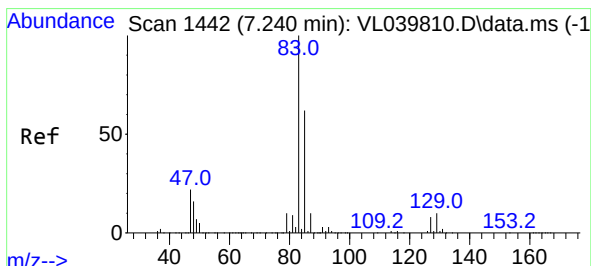
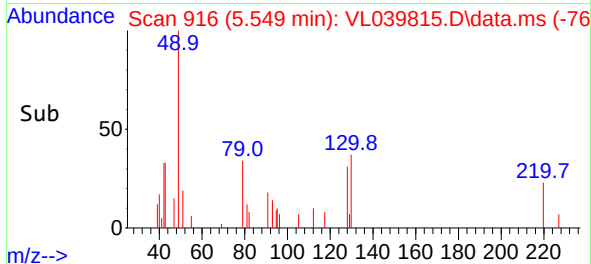
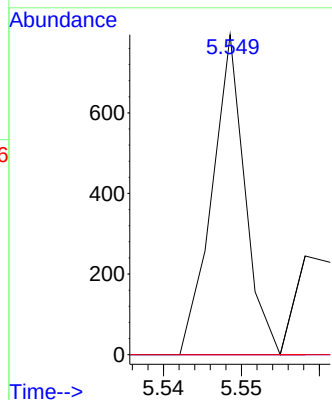
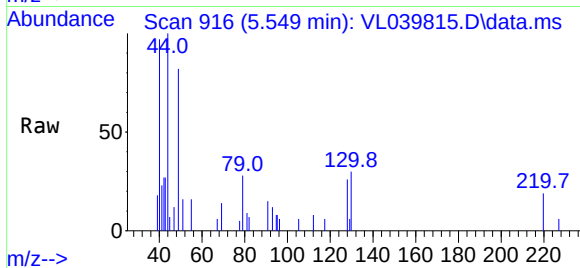




#41
Tetrahydrofuran
Concen: 0.002 ppbv
RT: 5.549 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

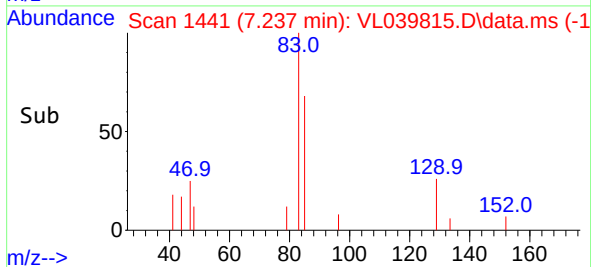
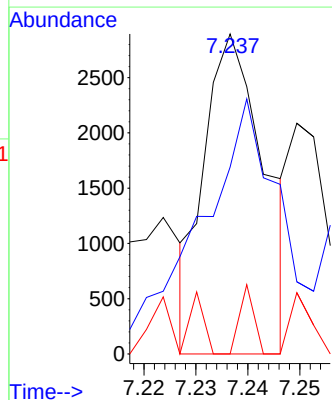
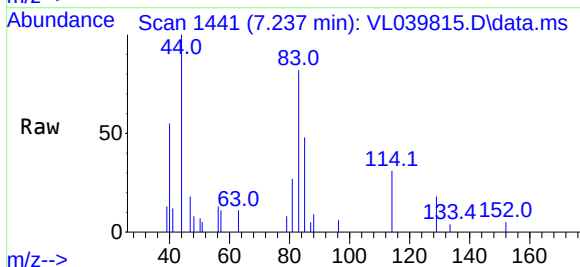
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

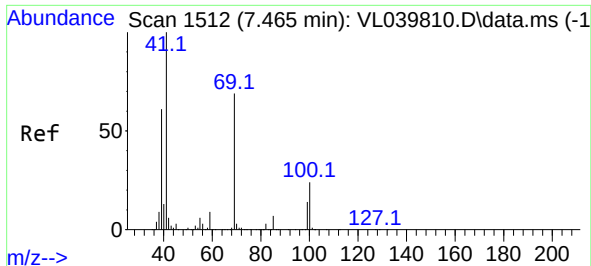
Tgt Ion: 42 Resp: 233
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.2#
71 0.0 31.5 47.3#



#42
Bromodichloromethane
Concen: 0.012 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 83 Resp: 2347
Ion Ratio Lower Upper
83 100
85 43.0 49.9 74.9#
127 0.0 6.4 9.6#

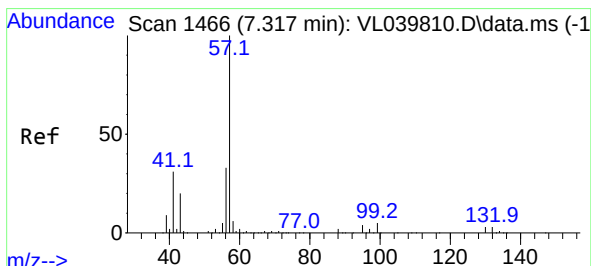
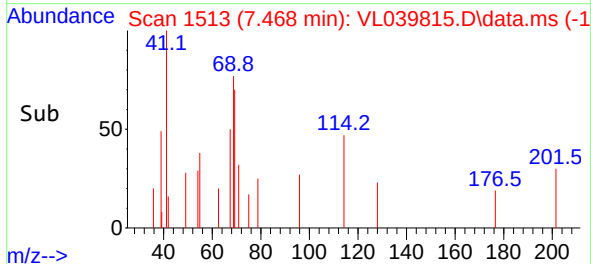
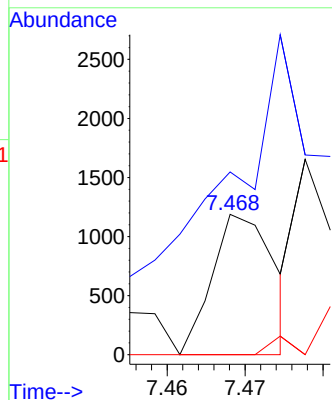
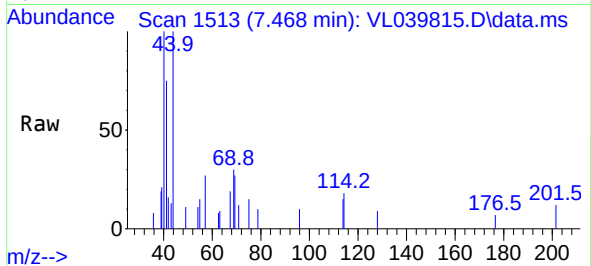




#43
Methyl Methacrylate
Concen: 0.007 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

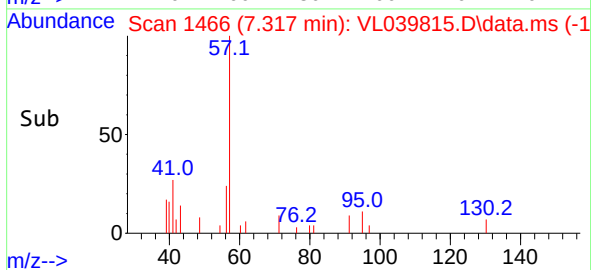
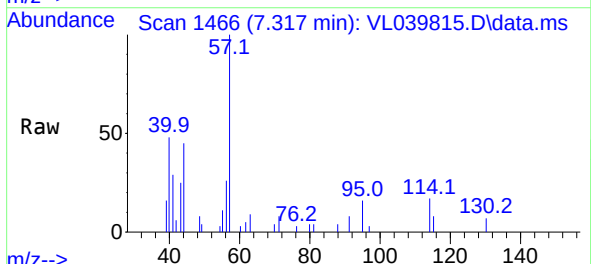
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

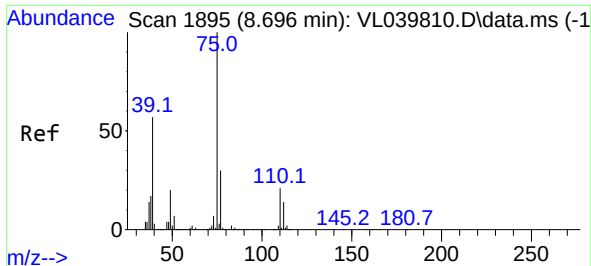
Tgt Ion: 69 Resp: 660
Ion Ratio Lower Upper
69 100
41 0.0 115.7 173.5#
100 0.0 25.9 38.9#



#44
2,2,4-Trimethylpentane
Concen: 0.007 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 57 Resp: 2808
Ion Ratio Lower Upper
57 100
41 0.0 24.6 36.8#
56 0.0 25.4 38.0#

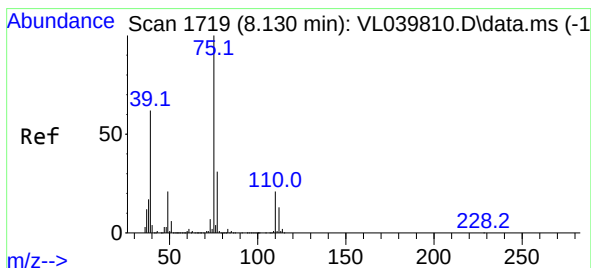
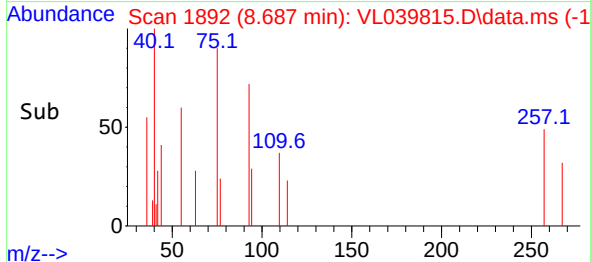
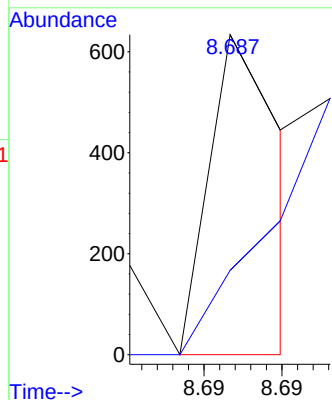
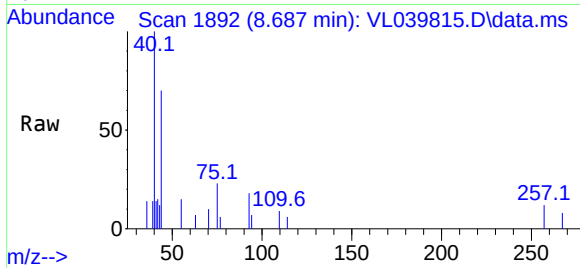




#45
t-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 8.687 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

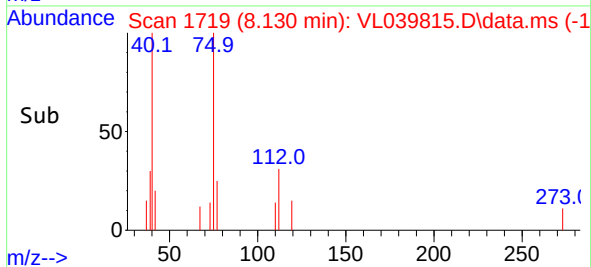
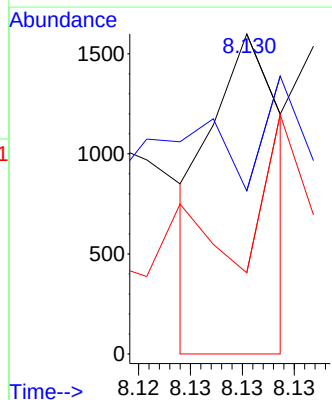
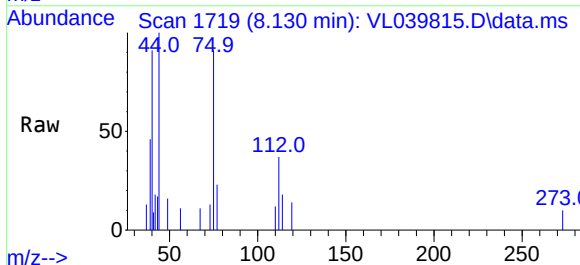
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

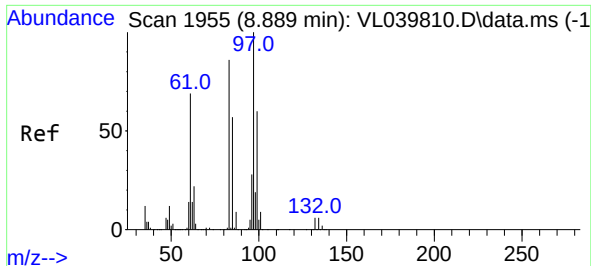
Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
77 26.3 24.4 36.6



#46
cis-1,3-Dichloropropene
Concen: 0.006 ppbv
RT: 8.130 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
39 0.0 50.0 75.0#
77 0.0 25.1 37.7#



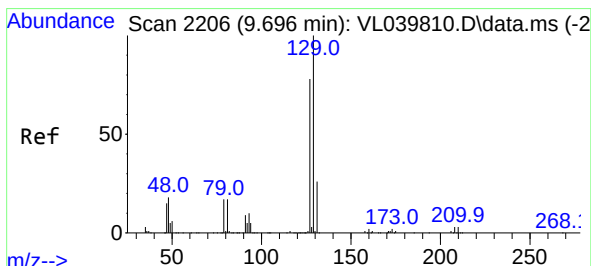
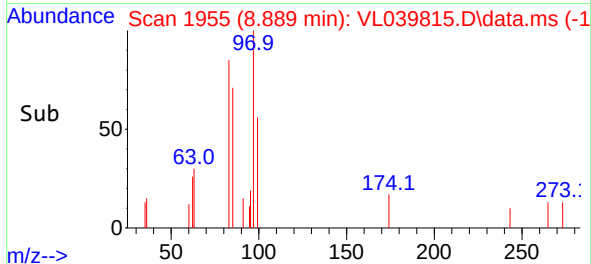
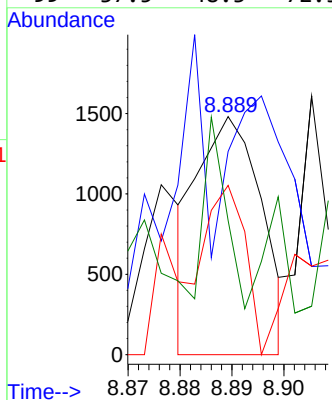
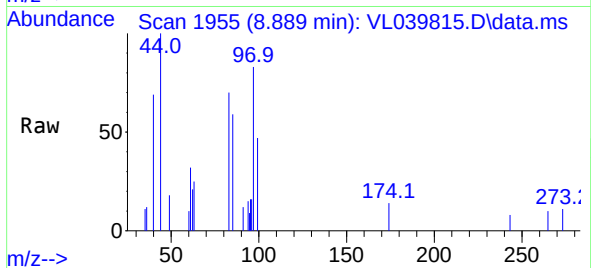


#47
1,1,2-Trichloroethane
Concen: 0.013 ppbv
RT: 8.889 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 1280

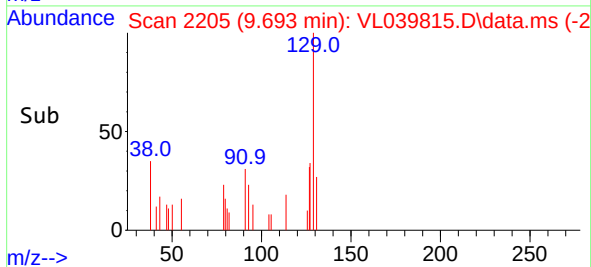
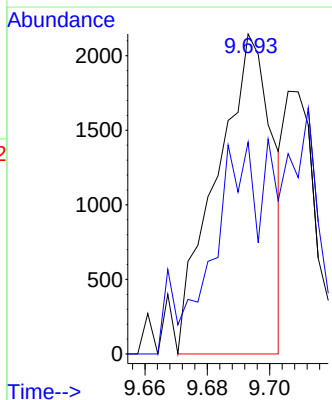
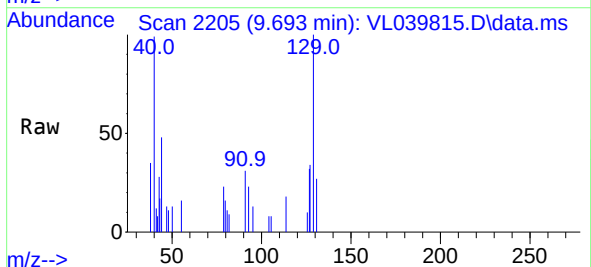
Ion	Ratio	Lower	Upper
97	100		
83	20.9	68.8	103.2#
85	76.6	45.8	68.6#
99	37.5	48.3	72.5#

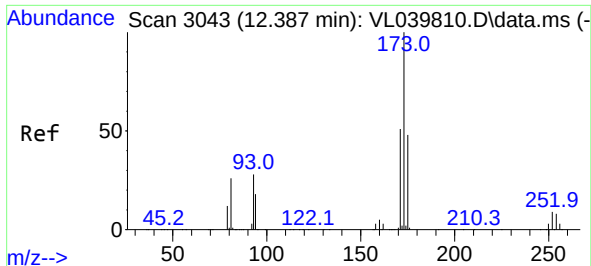


#48
Dibromochloromethane
Concen: 0.016 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 129 Resp: 2670

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.4	118.1#

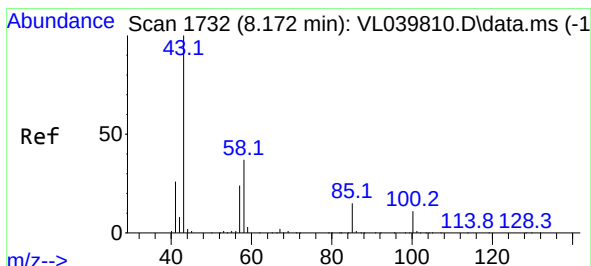
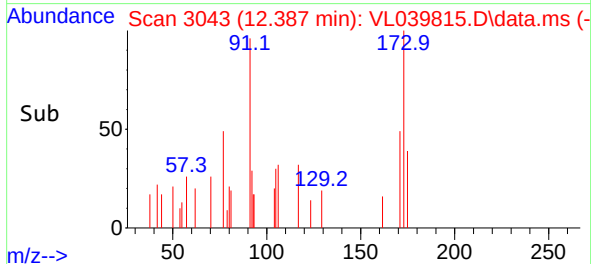
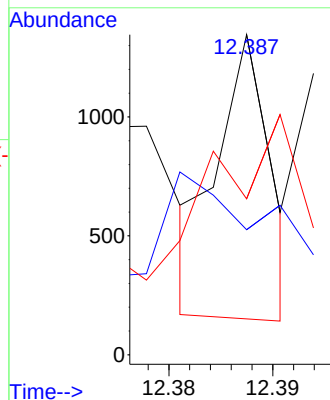
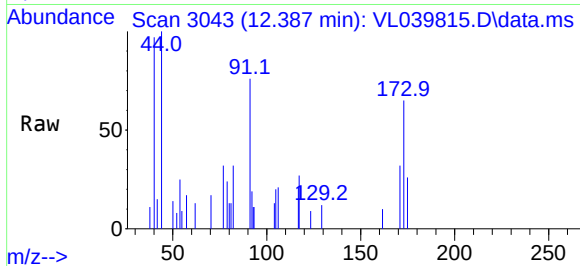




#49
Bromoform
Concen: 0.003 ppbv
RT: 12.387 min Scan# 3043
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

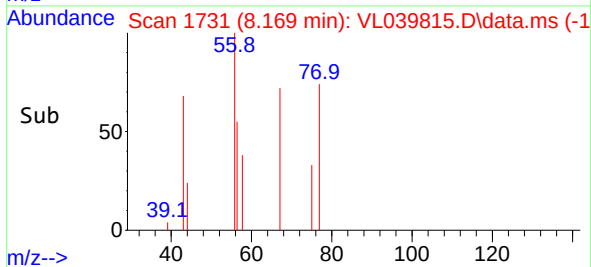
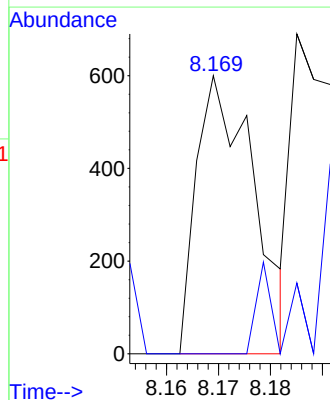
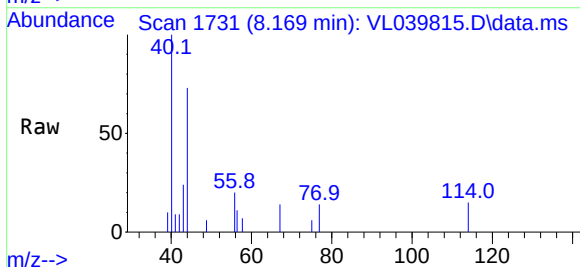
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

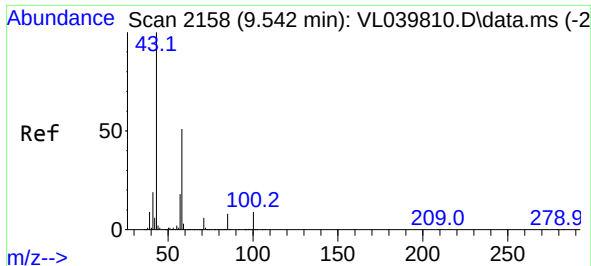
Tgt Ion:173 Resp: 421
Ion Ratio Lower Upper
173 100
175 0.0 39.7 59.5#
171 387.4 41.7 62.5#



#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#

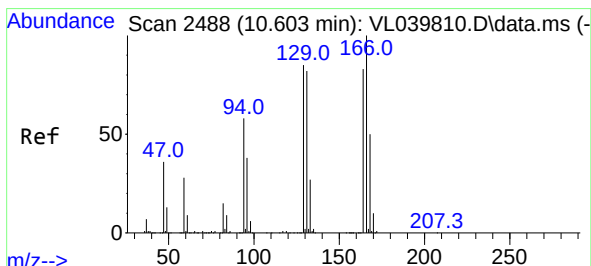
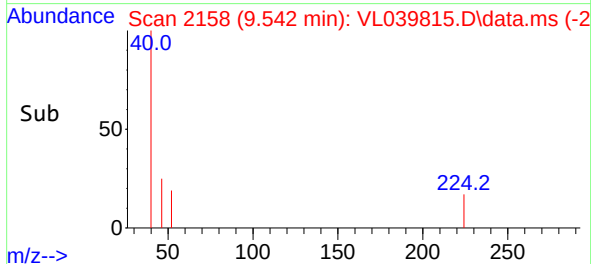
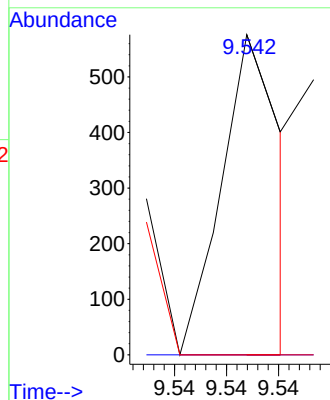
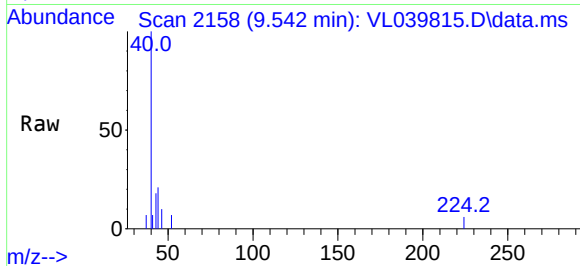




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

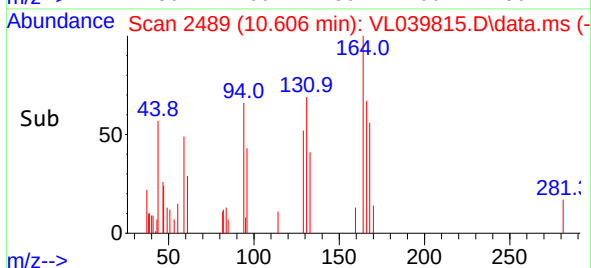
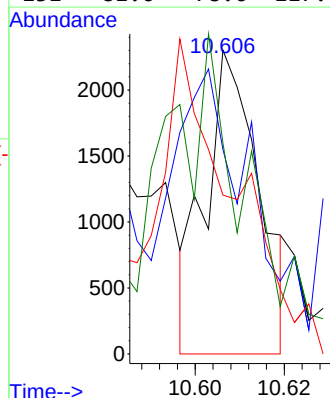
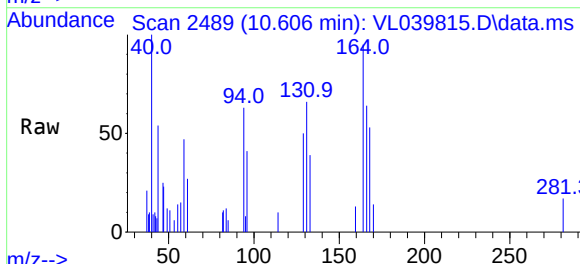
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

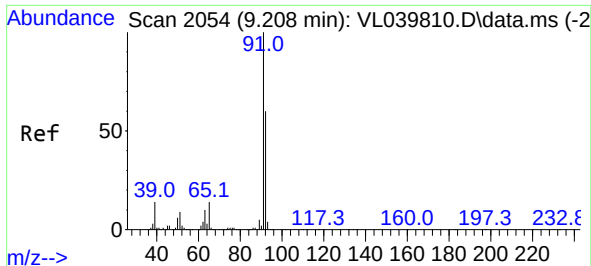
Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
58 0.0 40.5 60.7#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.020 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 164 Resp: 1912
Ion Ratio Lower Upper
164 100
166 65.7 96.0 144.0#
129 47.0 81.4 122.2#
131 81.6 78.6 117.8

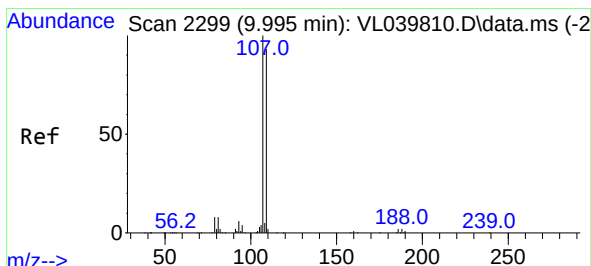
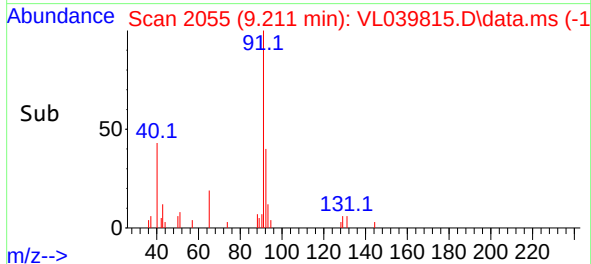
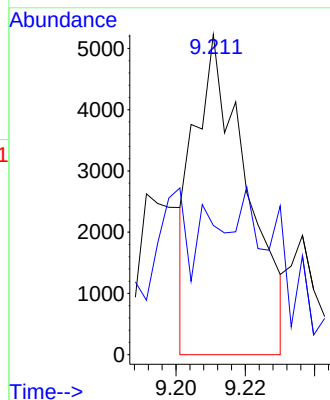
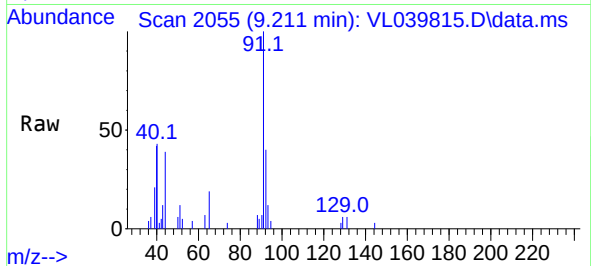




#53
Toluene
Concen: 0.019 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

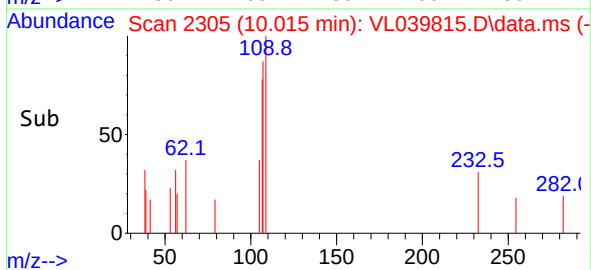
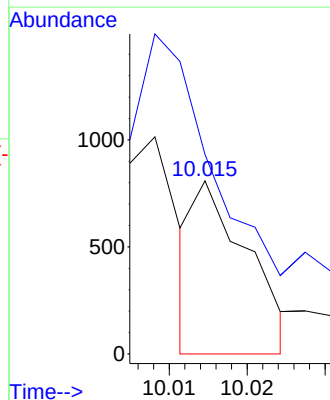
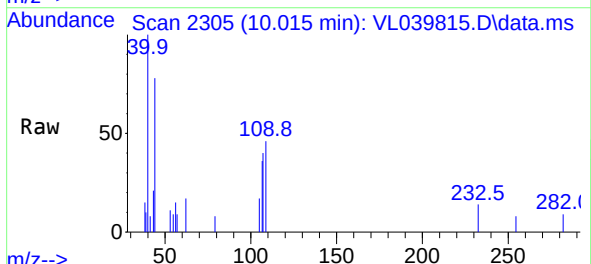
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

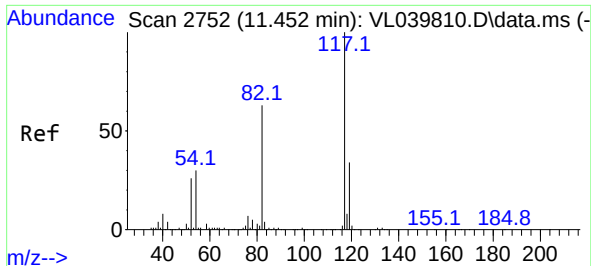
Tgt Ion: 91 Resp: 5443
Ion Ratio Lower Upper
91 100
92 127.4 49.6 74.4#



#54
1,2-Dibromoethane
Concen: 0.004 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.019 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 107 Resp: 388
Ion Ratio Lower Upper
107 100
109 92.6 74.5 111.7

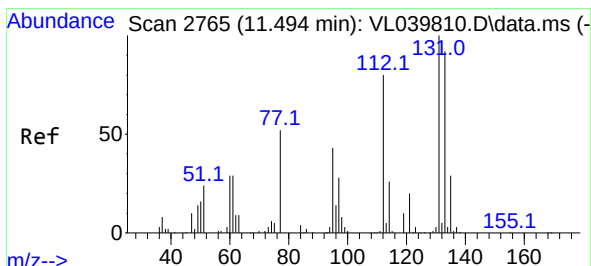
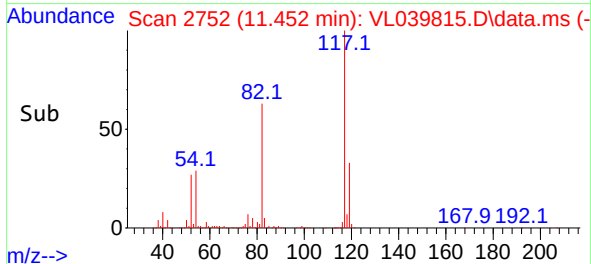
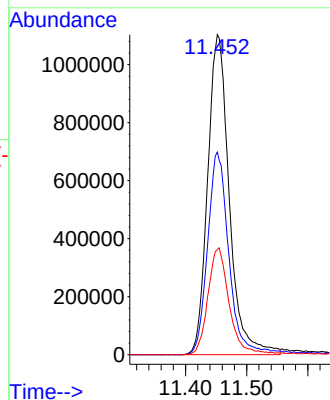
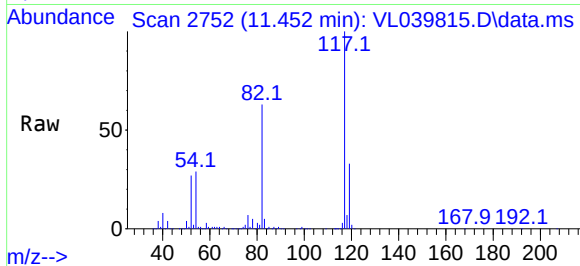




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

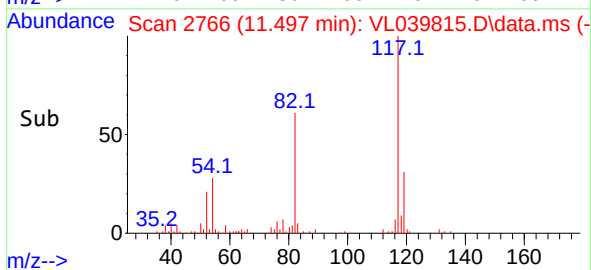
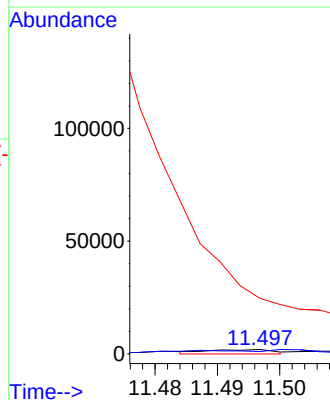
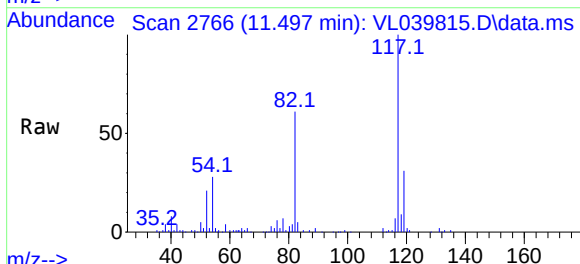
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

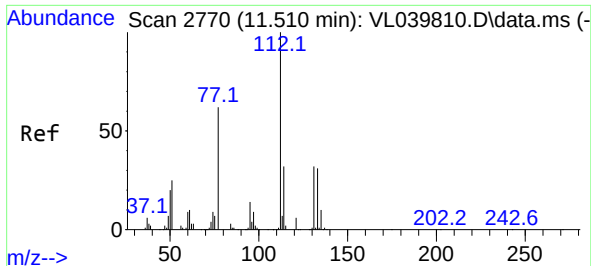
Tgt Ion:117 Resp: 2714464
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.3 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 0.012 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion:131 Resp: 1426
Ion Ratio Lower Upper
131 100
133 272.9 76.9 115.3#
119 0.0 52.2 78.2#

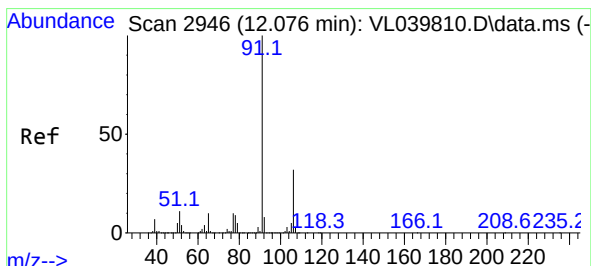
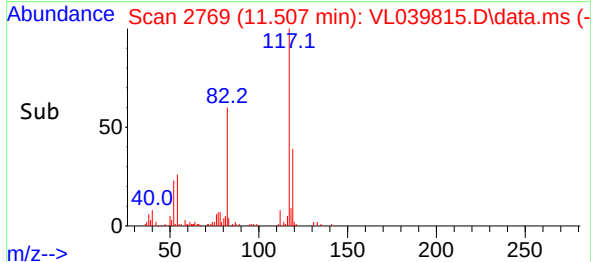
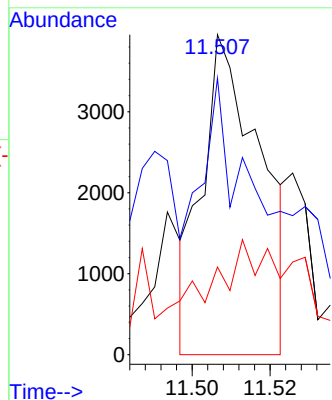
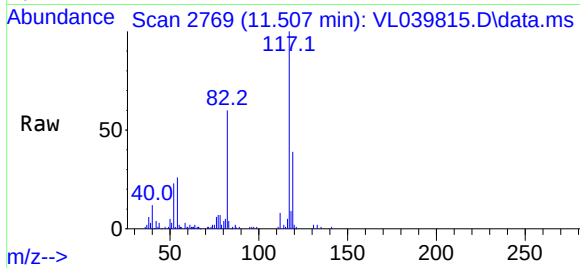




#57
Chlorobenzene
Concen: 0.020 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

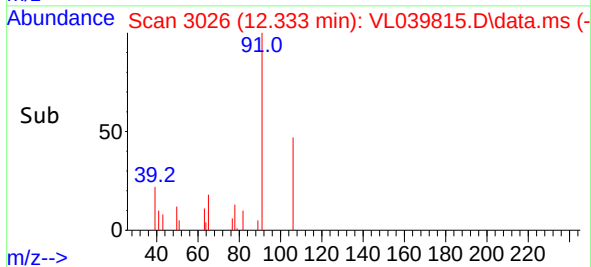
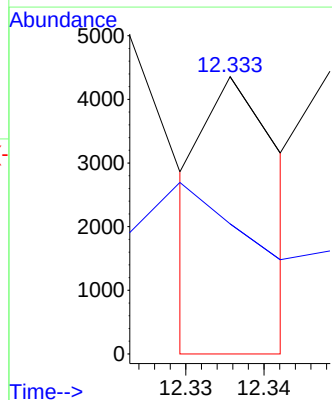
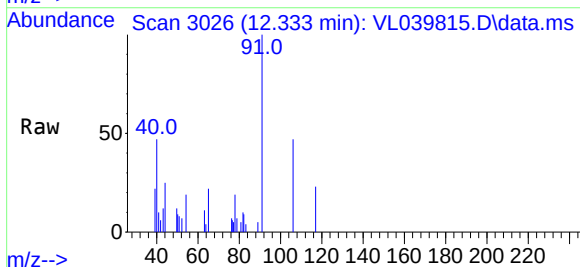
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

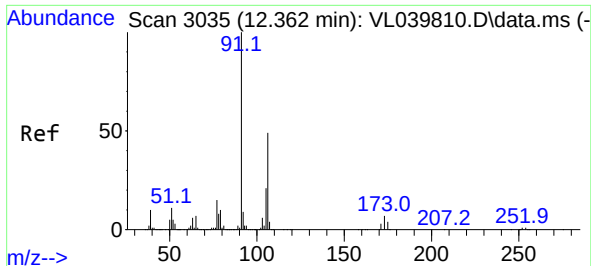
Tgt Ion:112 Resp: 4085
Ion Ratio Lower Upper
112 100
77 78.0 49.8 74.6#
114 16.5 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.004 ppbv
RT: 12.333 min Scan# 3026
Delta R.T. 0.257 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 91 Resp: 1447
Ion Ratio Lower Upper
91 100
106 37.6 25.9 38.9





#59

m/p-Xylene

Concen: 0.007 ppbv

RT: 12.362 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VL039815.D

Acq: 2 Nov 2022 13:54

Instrument :

MSVOA_1

ClientSampleId :

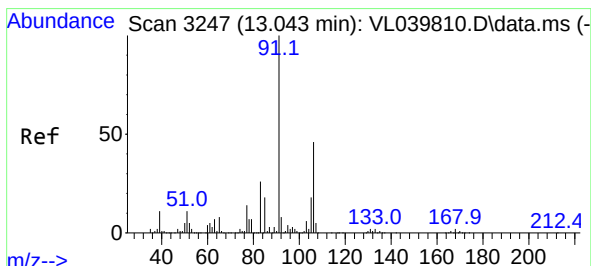
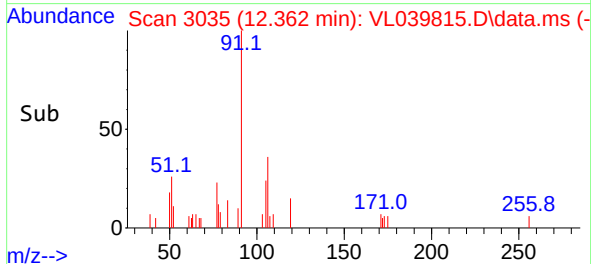
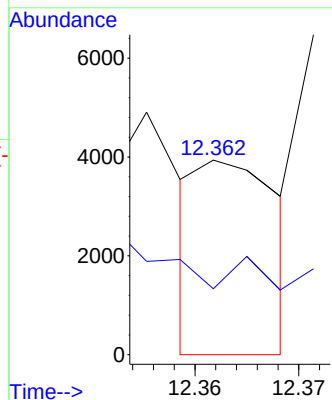
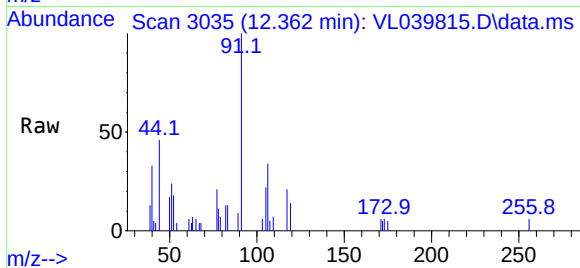
VSTDIC0.03

Tgt Ion: 91 Resp: 2099

Ion Ratio Lower Upper

91 100

106 0.0 37.6 56.4#



#60

o-Xylene

Concen: 0.004 ppbv

RT: 13.043 min Scan# 3247

Delta R.T. -0.000 min

Lab File: VL039815.D

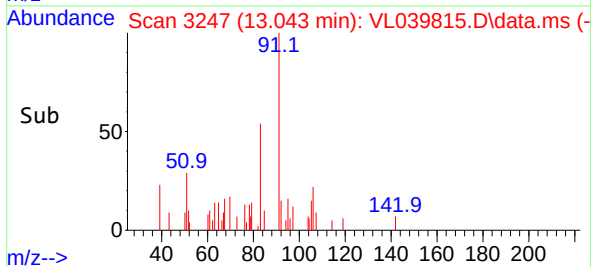
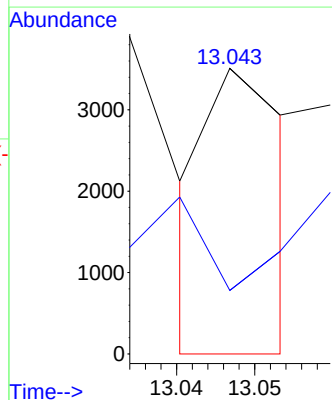
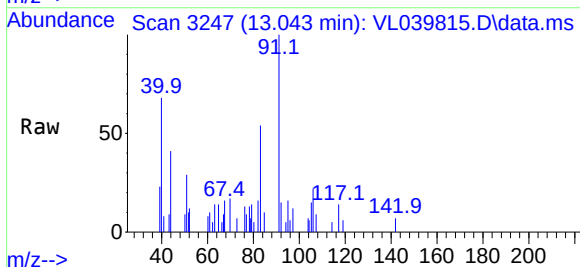
Acq: 2 Nov 2022 13:54

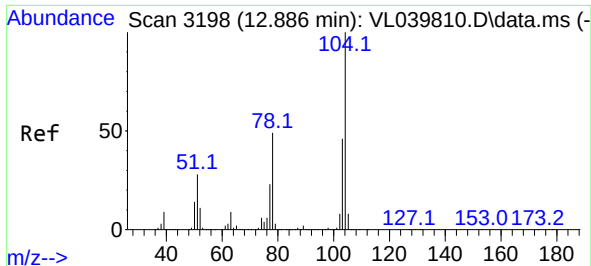
Tgt Ion: 91 Resp: 1241

Ion Ratio Lower Upper

91 100

106 0.0 23.6 70.8#

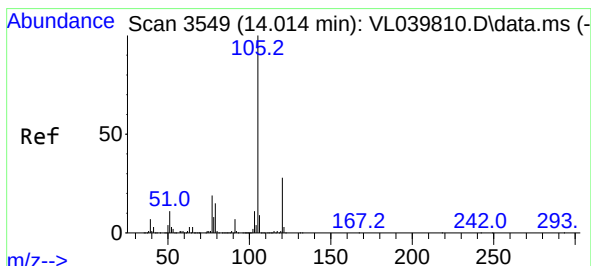
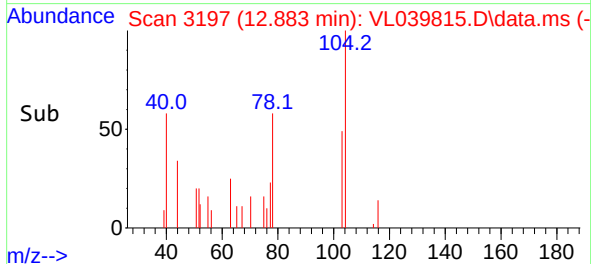
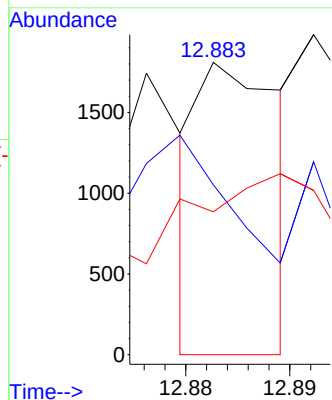
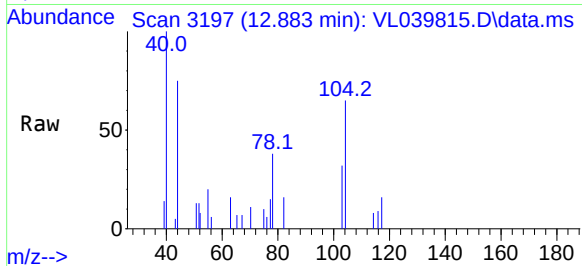




#61
Styrene
Concen: 0.005 ppbv
RT: 12.883 min Scan# 3198
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

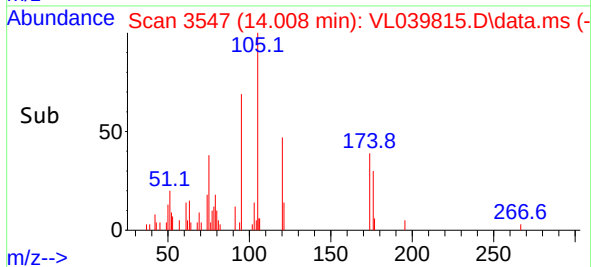
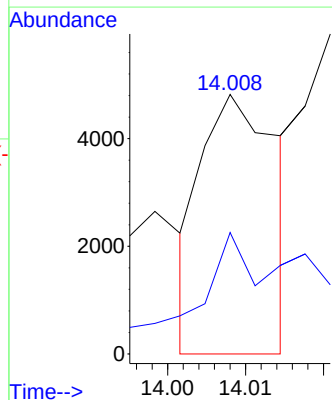
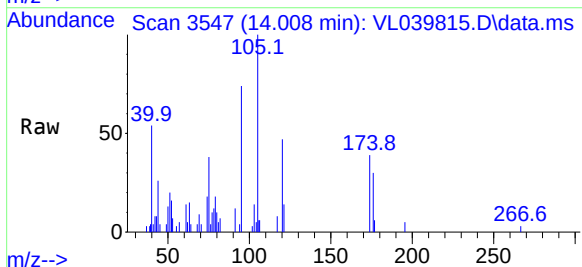
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

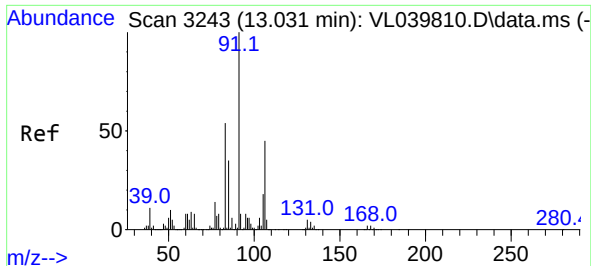
Tgt Ion:104 Resp: 982
Ion Ratio Lower Upper
104 100
78 270.1 40.2 60.2#
103 0.0 37.5 56.3#



#62
Isopropylbenzene
Concen: 0.008 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.006 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion:105 Resp: 3253
Ion Ratio Lower Upper
105 100
120 118.6 21.7 32.5#

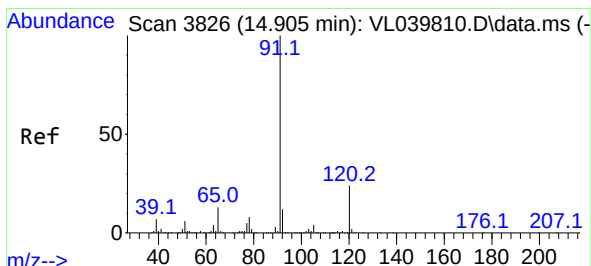
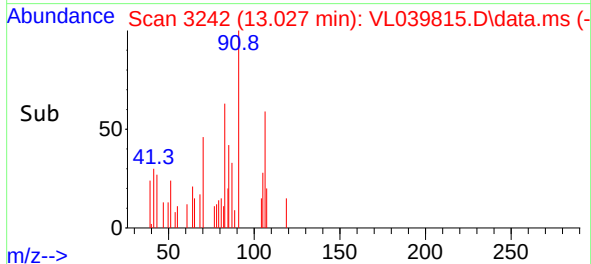
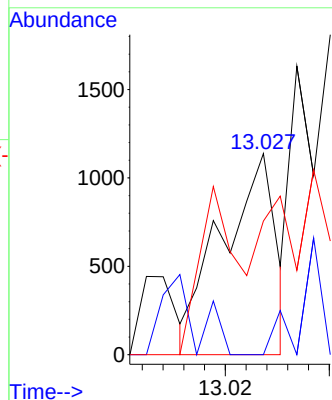
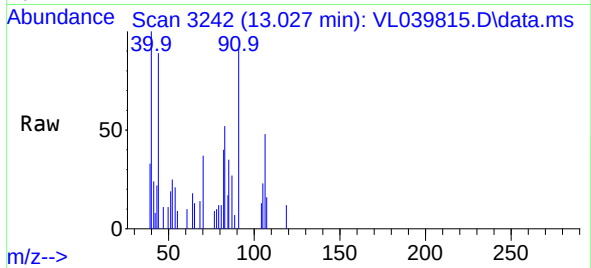




#63
1,1,2,2-Tetrachloroethane
Concen: 0.008 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

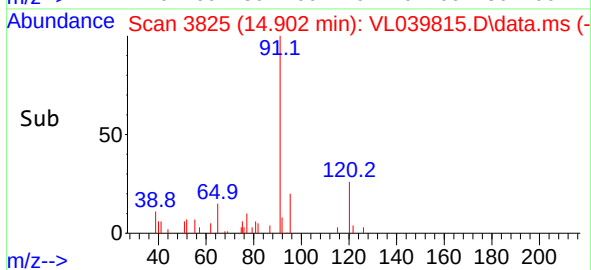
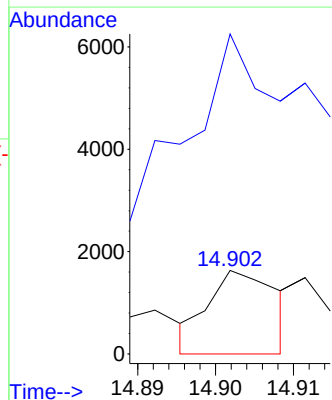
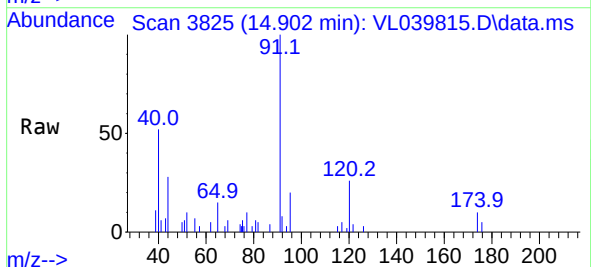
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

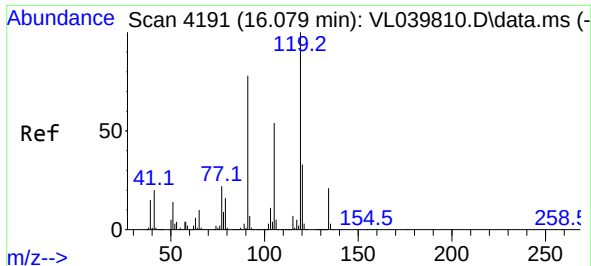
Tgt Ion: 83 Resp: 814
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 33.3 99.9#



#64
n-propylbenzene
Concen: 0.009 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 120 Resp: 995
Ion Ratio Lower Upper
120 100
91 1697.2 354.9 532.3#

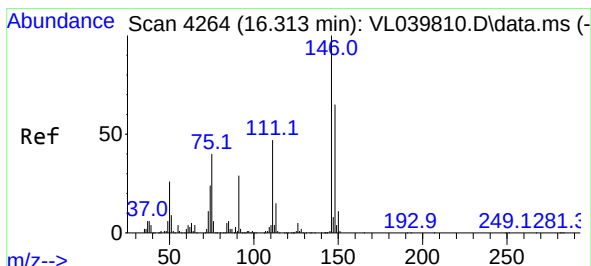
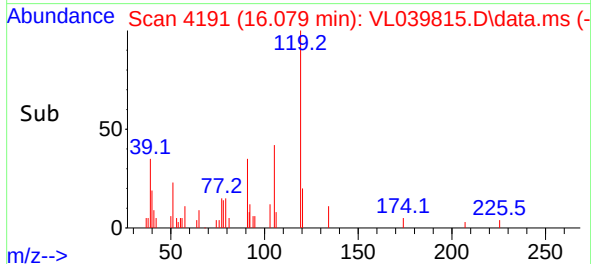
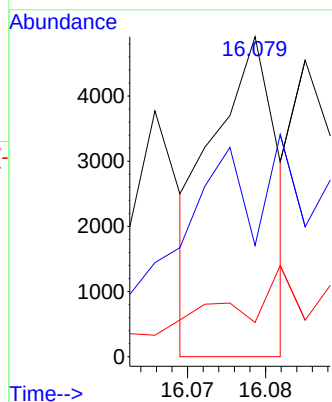
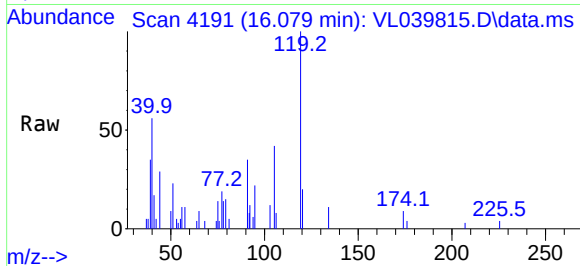




#65
tert-Butylbenzene
Concen: 0.008 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

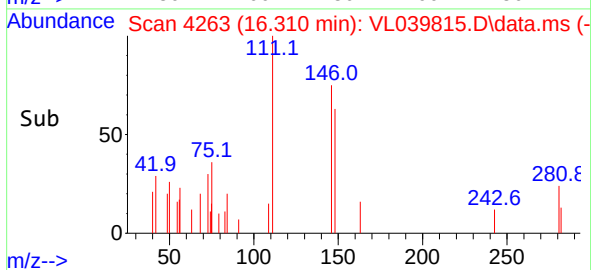
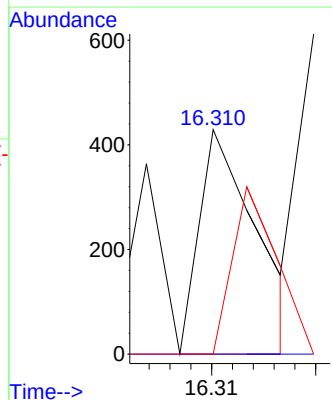
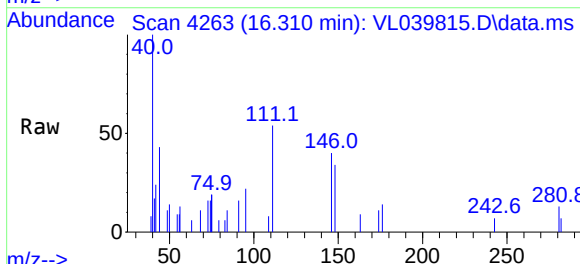
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

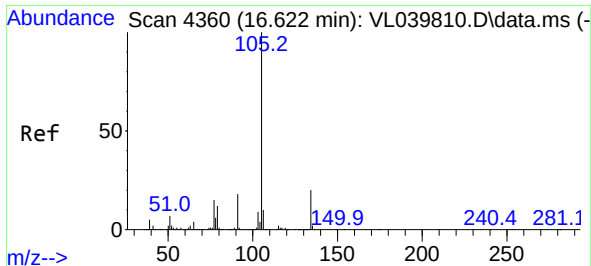
Tgt Ion:119 Resp: 2856
Ion Ratio Lower Upper
119 100
91 0.0 63.7 95.5#
134 0.0 16.2 24.4#



#66
Benzyl Chloride
Concen: 0.004 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 91 Resp: 165
Ion Ratio Lower Upper
91 100
126 0.0 15.6 23.4#
128 57.0 4.9 7.3#

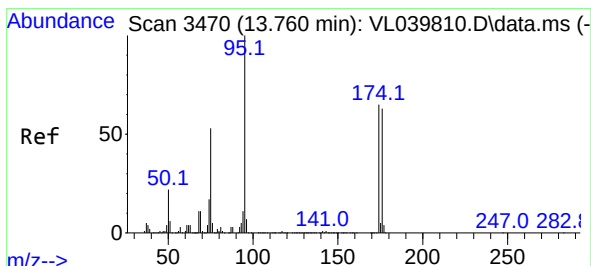
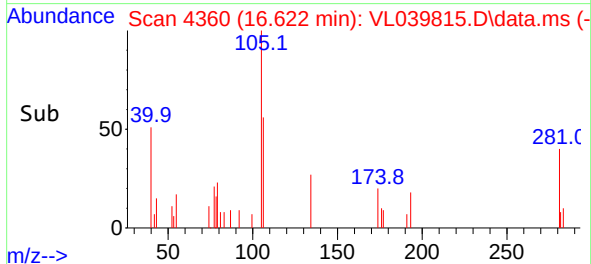
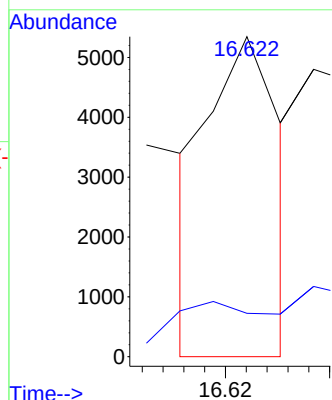
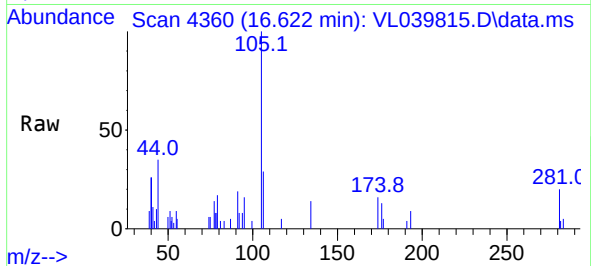




#67
sec-Butylbenzene
Concen: 0.005 ppbv
RT: 16.622 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

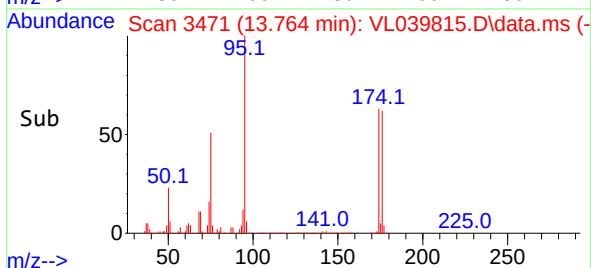
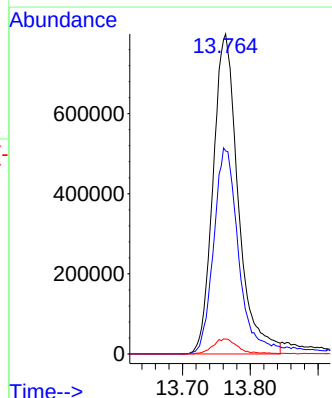
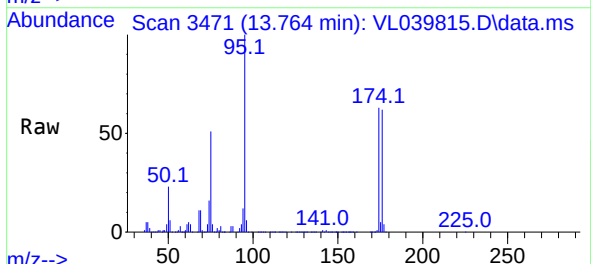
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.03

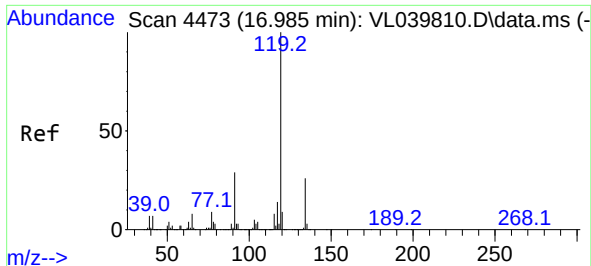
Tgt Ion:105 Resp: 2573
Ion Ratio Lower Upper
105 100
134 0.0 15.1 22.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.138 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 95 Resp: 2059882
Ion Ratio Lower Upper
95 100
174 67.7 53.4 80.0
175 4.9 4.1 6.1

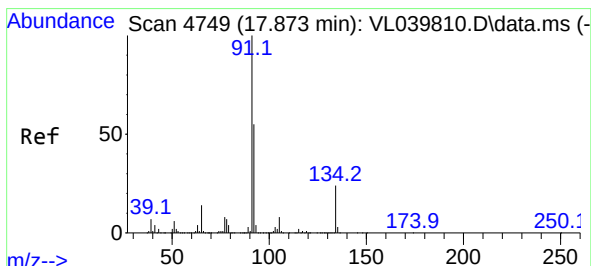
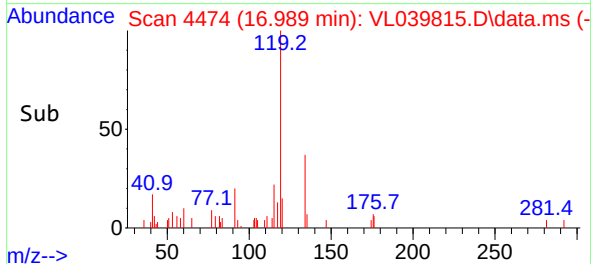
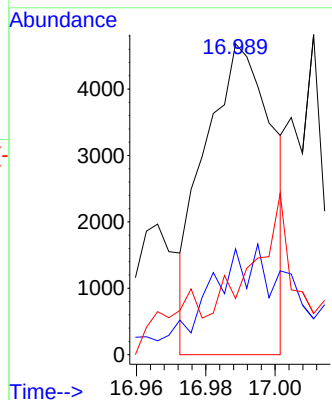
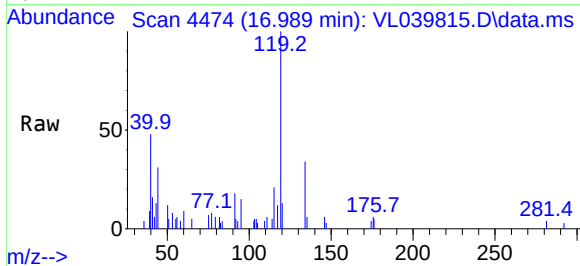




#69
p-Isopropyltoluene
Concen: 0.015 ppbv
RT: 16.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

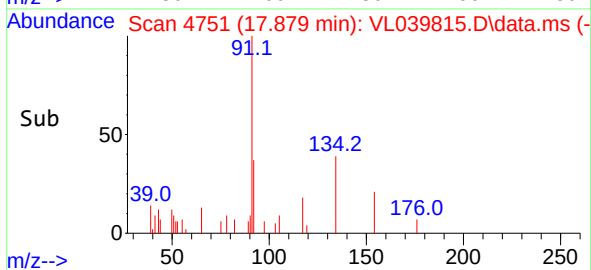
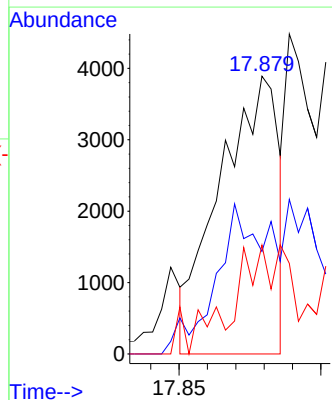
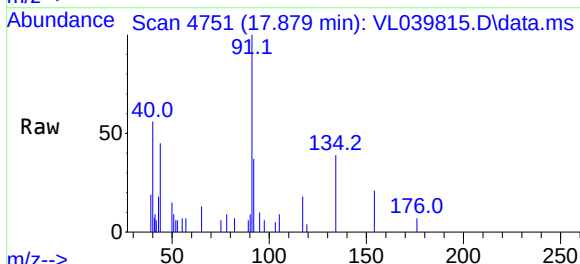
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

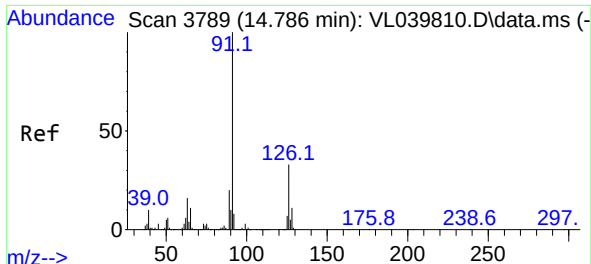
Tgt Ion:119 Resp: 6340
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.6#
91 0.0 22.8 34.2#



#70
n-Butylbenzene
Concen: 0.014 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.006 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 91 Resp: 5589
Ion Ratio Lower Upper
91 100
92 0.0 44.1 66.1#
134 0.0 19.0 28.6#

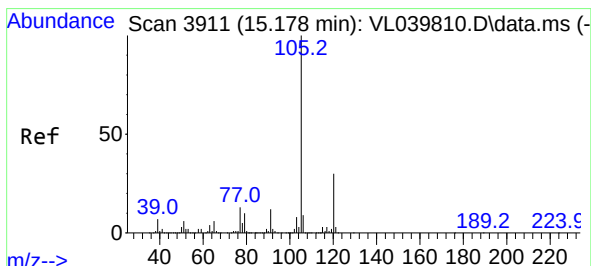
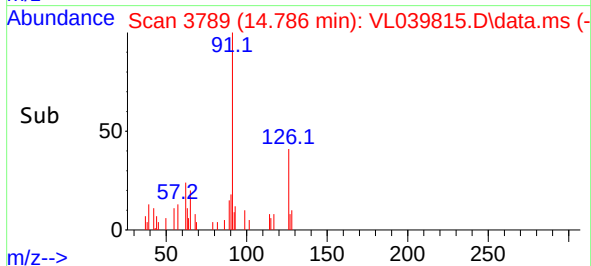
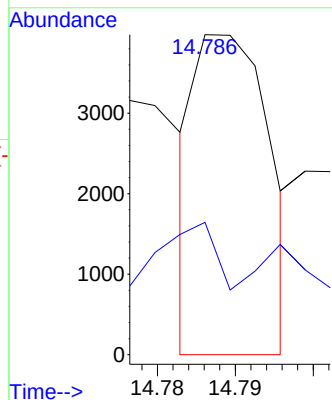
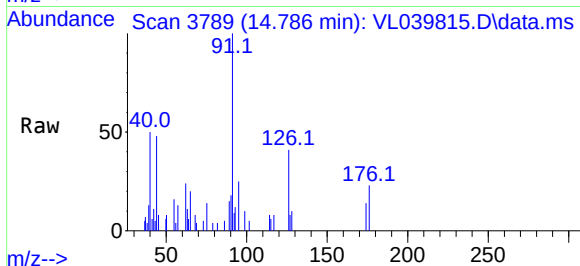




#71
2-Chlorotoluene
Concen: 0.008 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

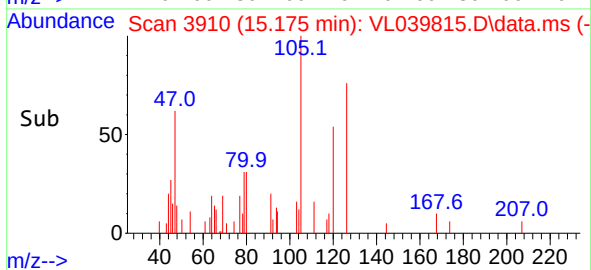
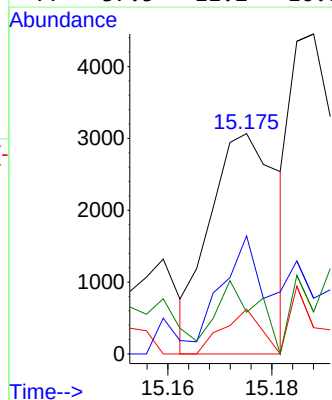
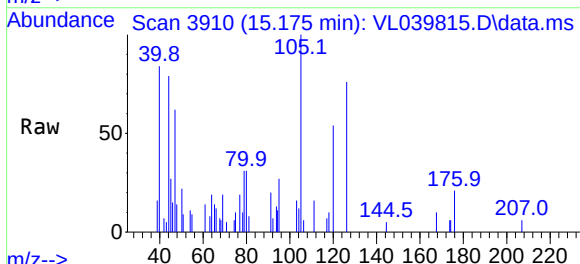
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

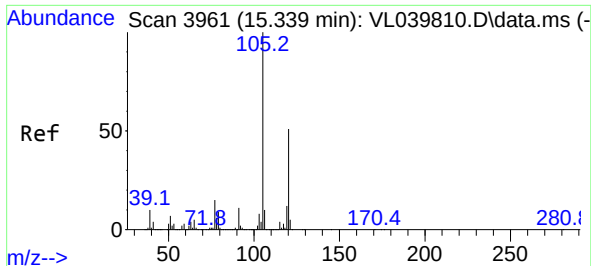
Tgt Ion: 91 Resp: 2618
Ion Ratio Lower Upper
91 100
126 120.9 12.9 51.5#



#72
4-Ethyltoluene
Concen: 0.009 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion: 105 Resp: 2779
Ion Ratio Lower Upper
105 100
120 106.6 26.0 39.0#
91 0.0 10.5 15.7#
77 37.5 11.2 16.8#

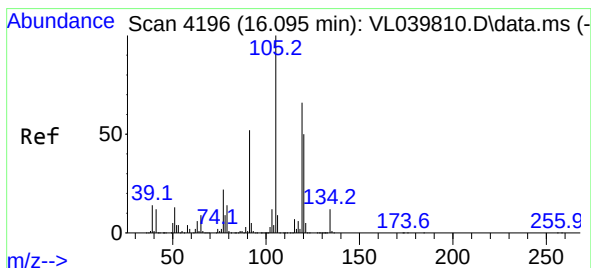
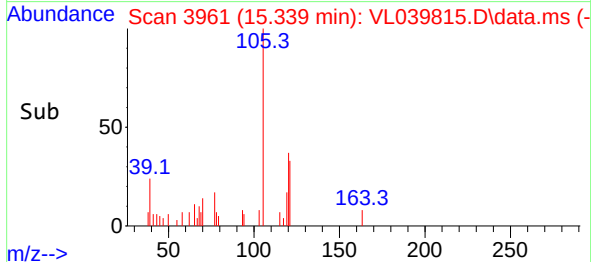
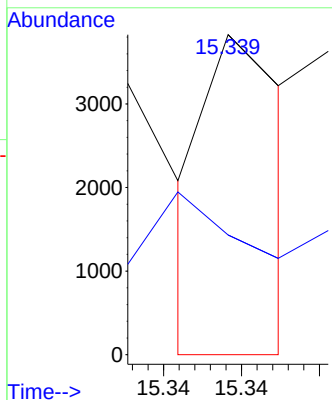
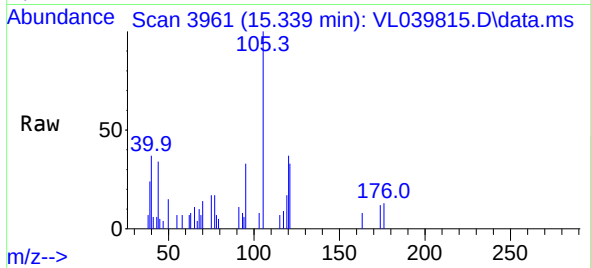




#73
1,3,5-Trimethylbenzene
Concen: 0.005 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

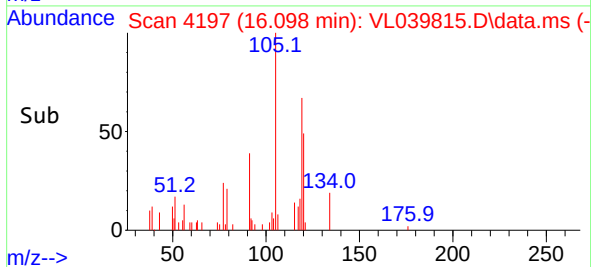
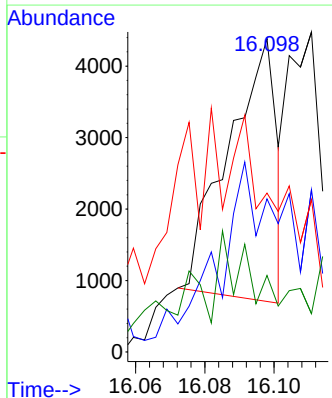
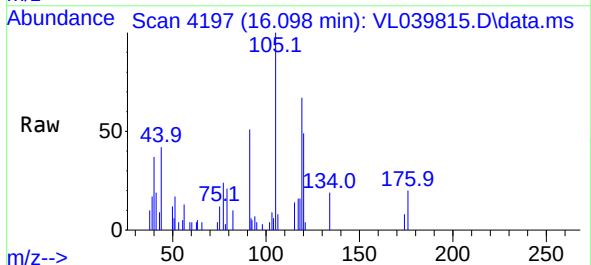
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

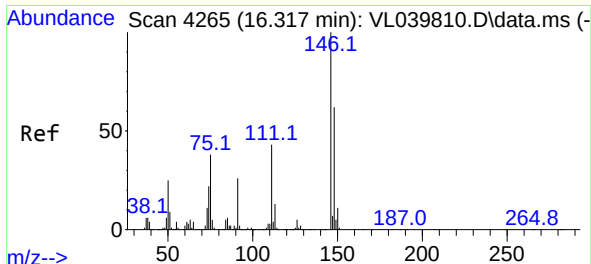
Tgt Ion:105 Resp: 1360
Ion Ratio Lower Upper
105 100
120 16.0 41.0 61.4#



#74
1,2,4-Trimethylbenzene
Concen: 0.011 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion:105 Resp: 3533
Ion Ratio Lower Upper
105 100
120 55.7 40.2 60.4
91 7.4 42.6 64.0#
77 15.9 17.8 26.8#

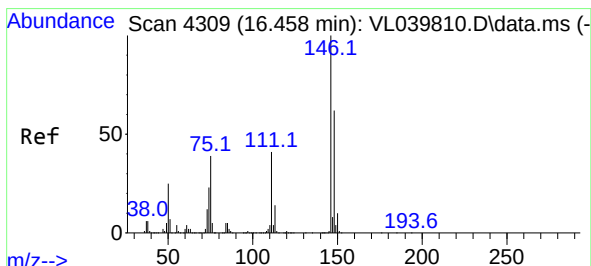
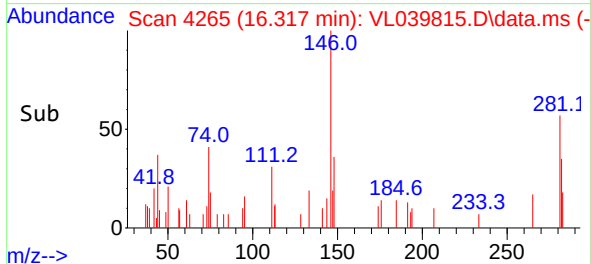
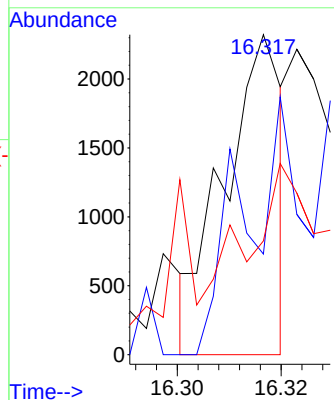
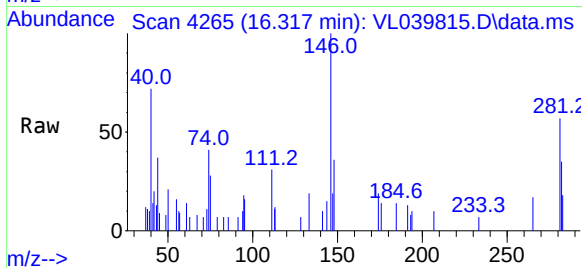




#75
1,3-Dichlorobenzene
Concen: 0.010 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

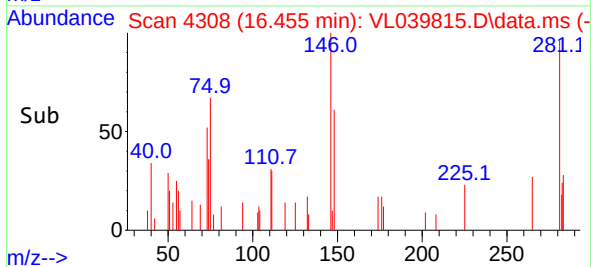
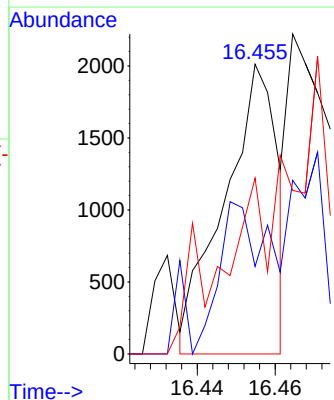
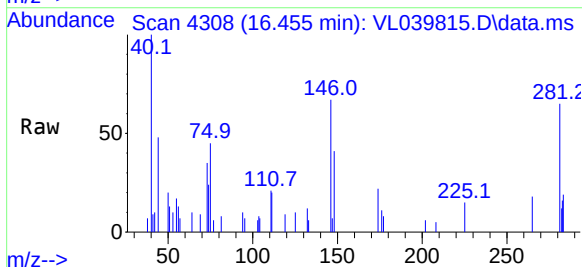
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

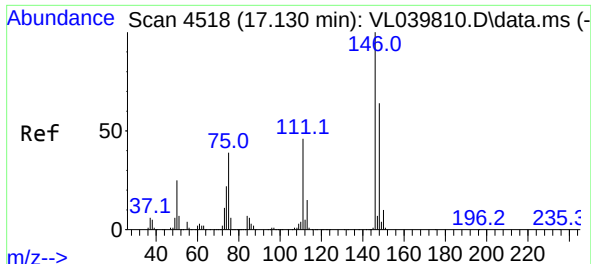
Tgt Ion:146 Resp: 1786
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8#
148 0.0 32.3 96.9#



#76
1,4-Dichlorobenzene
Concen: 0.011 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion:146 Resp: 1907
Ion Ratio Lower Upper
146 100
111 0.0 22.7 68.1#
148 0.0 33.1 99.3#

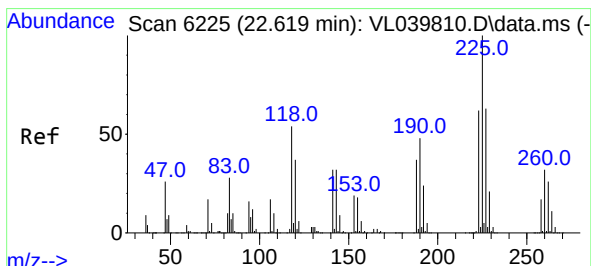
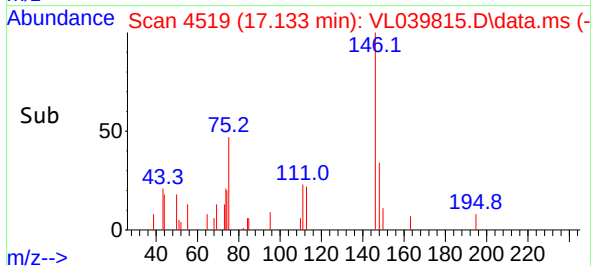
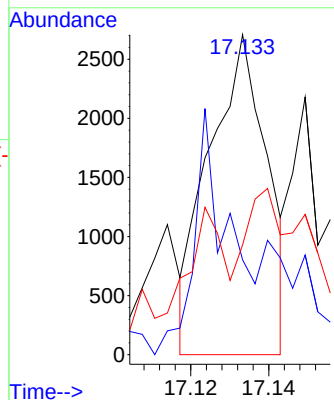
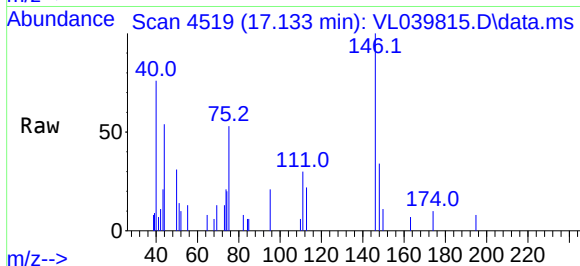




#77
1,2-Dichlorobenzene
Concen: 0.016 ppbv
RT: 17.133 min Scan# 4518
Delta R.T. 0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

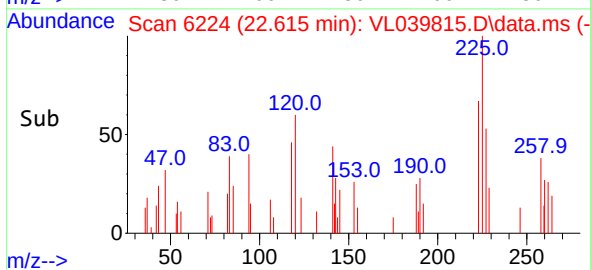
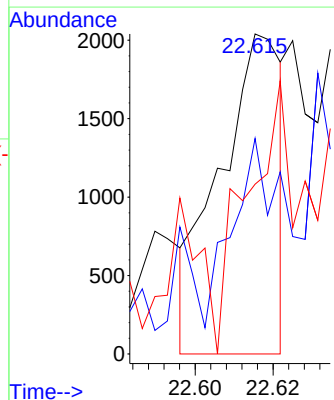
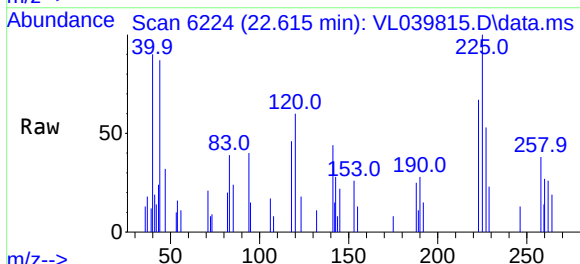
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

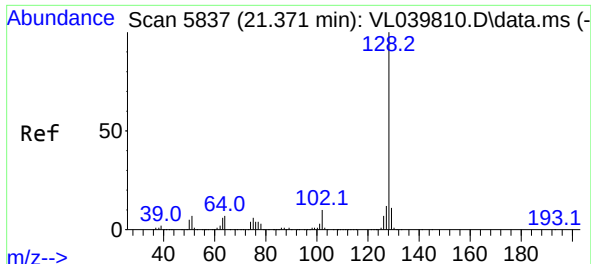
Tgt Ion:146 Resp: 2793
Ion Ratio Lower Upper
146 100
111 96.1 23.9 71.8#
148 128.2 32.4 97.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.018 ppbv
RT: 22.615 min Scan# 6224
Delta R.T. -0.003 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Tgt Ion:225 Resp: 2253
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 51.6 77.4#

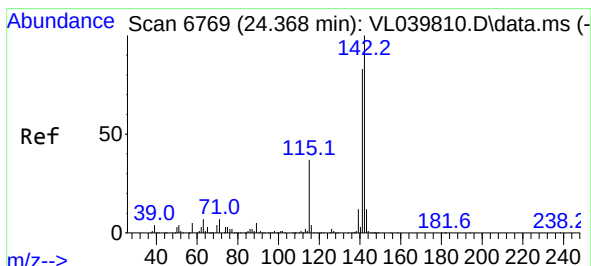
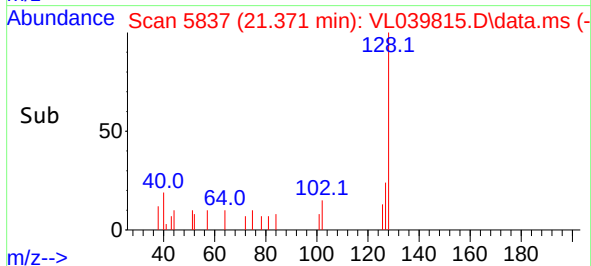
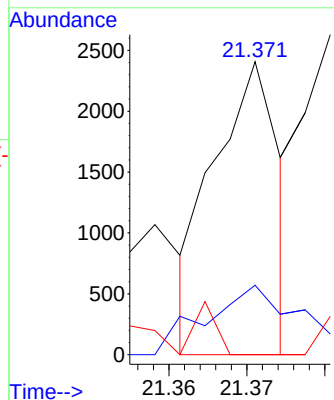
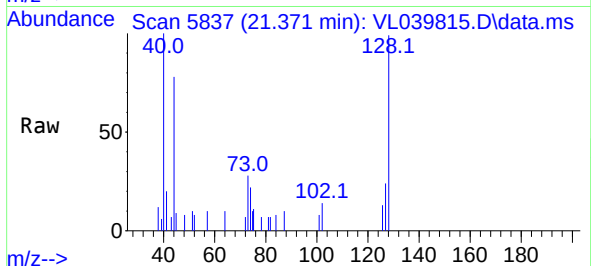




#79
Naphthalene
Concen: 0.006 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

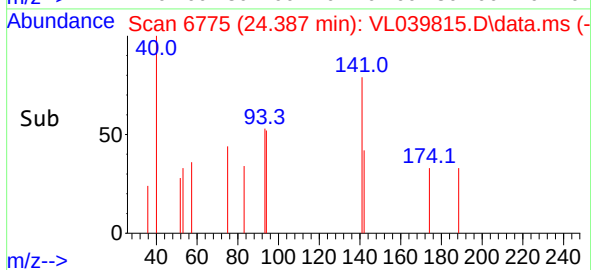
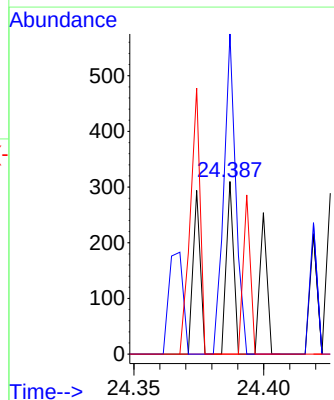
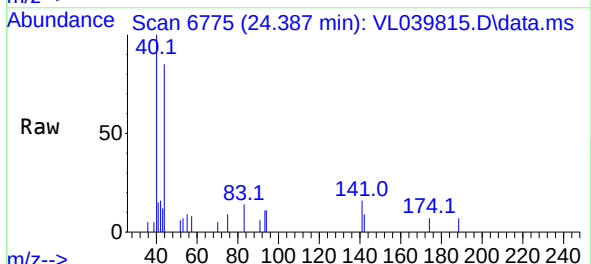
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

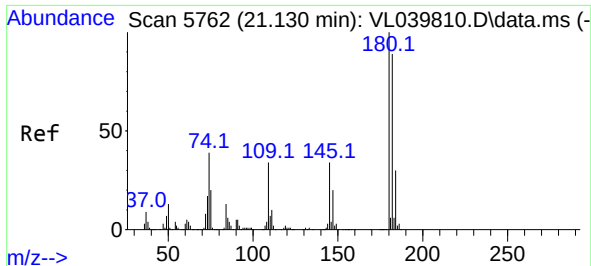
Tgt Ion:128 Resp: 1407
Ion Ratio Lower Upper
128 100
127 16.0 9.8 14.6#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.019 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

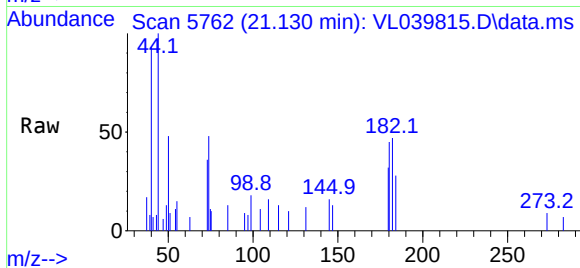
Tgt Ion:142 Resp: 166
Ion Ratio Lower Upper
142 100
141 153.0 65.1 97.7#
115 0.0 29.1 43.7#





#81
1,2,4-Trichlorobenzene
Concen: 0.007 ppbv
RT: 21.130 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL039815.D
Acq: 2 Nov 2022 13:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:180 Resp: 821
Ion Ratio Lower Upper
180 100
182 0.0 78.1 117.1#
184 0.0 24.5 36.7#

