

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039744.D
 Acq On : 21 Oct 2022 12:35
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Oct 22 03:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1002477	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2815913	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2369718	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1696320	10.084	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	13761	0.082	ppbv	98
3) Chlorodifluoromethane	2.700	51	11241	0.088	ppbv	95
4) Chloromethane	2.835	50	1925	0.024	ppbv #	78
5) Vinyl Chloride	2.938	62	2908	0.046	ppbv	100
6) Bromomethane	3.144	94	614	0.026	ppbv #	5
7) Chloroethane	3.218	64	688	0.030	ppbv #	46
8) Dichlorotetrafluoroethane	2.874	85	11593	0.074	ppbv	85
9) Propene	2.713	41	3465	0.059	ppbv #	16
10) Heptane	7.587	43	1467	0.011	ppbv #	27
11) Trichlorofluoromethane	3.578	101	11766	0.075	ppbv #	76
12) 1,1,2-Trichlorotrifluo...	4.083	101	8717	0.069	ppbv #	79
13) Ethanol	3.266	45	212	0.053	ppbv #	38
14) Bromoethene	3.378	108	2453	0.051	ppbv #	4
15) Acetone	3.507	43	9138	0.075	ppbv #	32
16) 1,3-Butadiene	3.009	39	1897	0.031	ppbv #	1
17) tert-Butyl alcohol	3.899	59	390	0.004	ppbv	96
18) 1,1-Dichloroethene	3.896	96	2678	0.050	ppbv #	72
19) Isopropyl Alcohol	3.587	45	53	0.001	ppbv #	1
20) Methylene Chloride	3.948	84	10109	0.208	ppbv #	72
21) Allyl Chloride	4.015	41	5732	0.069	ppbv #	73
22) trans-1,2-Dichloroethene	4.459	96	3801	0.069	ppbv #	44
23) Vinyl Acetate	4.639	43	860	0.017	ppbv #	72
24) 1,1-Dichloroethane	4.581	63	3365	0.029	ppbv #	92
25) Ethyl Acetate	5.221	43	6490	0.027	ppbv #	48
26) Hexane	5.218	57	3888	0.039	ppbv #	1
27) Carbon Disulfide	4.140	76	3838	0.031	ppbv #	40
28) Methyl tert-Butyl Ether	4.616	73	3219	0.034	ppbv #	12
29) Chloroform	5.282	83	7708	0.049	ppbv	84
30) Cyclohexane	6.607	84	2447	0.029	ppbv #	1
31) cis-1,2-Dichloroethene	5.089	61	3969	0.045	ppbv #	62
32) 1,1,1-Trichloroethane	6.005	97	7389	0.054	ppbv #	54
34) 2-Butanone	4.787	43	255	0.002	ppbv #	55
35) Carbon Tetrachloride	6.488	117	3536	0.024	ppbv	97
36) Benzene	6.365	78	6452	0.030	ppbv #	81
37) 1,2-Dichloroethane	5.809	62	2828	0.025	ppbv #	80
38) Trichloroethene	7.295	130	5679	0.050	ppbv #	80
39) 1,2-Dichloropropane	6.652	63	664019	8.145	ppbv #	24
40) 1,4-Dioxane	7.266	88	119	0.004	ppbv #	1
41) Tetrahydrofuran	5.581	42	536	0.006	ppbv #	38
42) Bromodichloromethane	7.243	83	6054	0.039	ppbv #	93
43) Methyl Methacrylate	7.481	69	1432	0.019	ppbv #	1
44) 2,2,4-Trimethylpentane	7.320	57	4083	0.011	ppbv #	42
45) t-1,3-Dichloropropene	8.703	75	1843	0.029	ppbv #	41

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

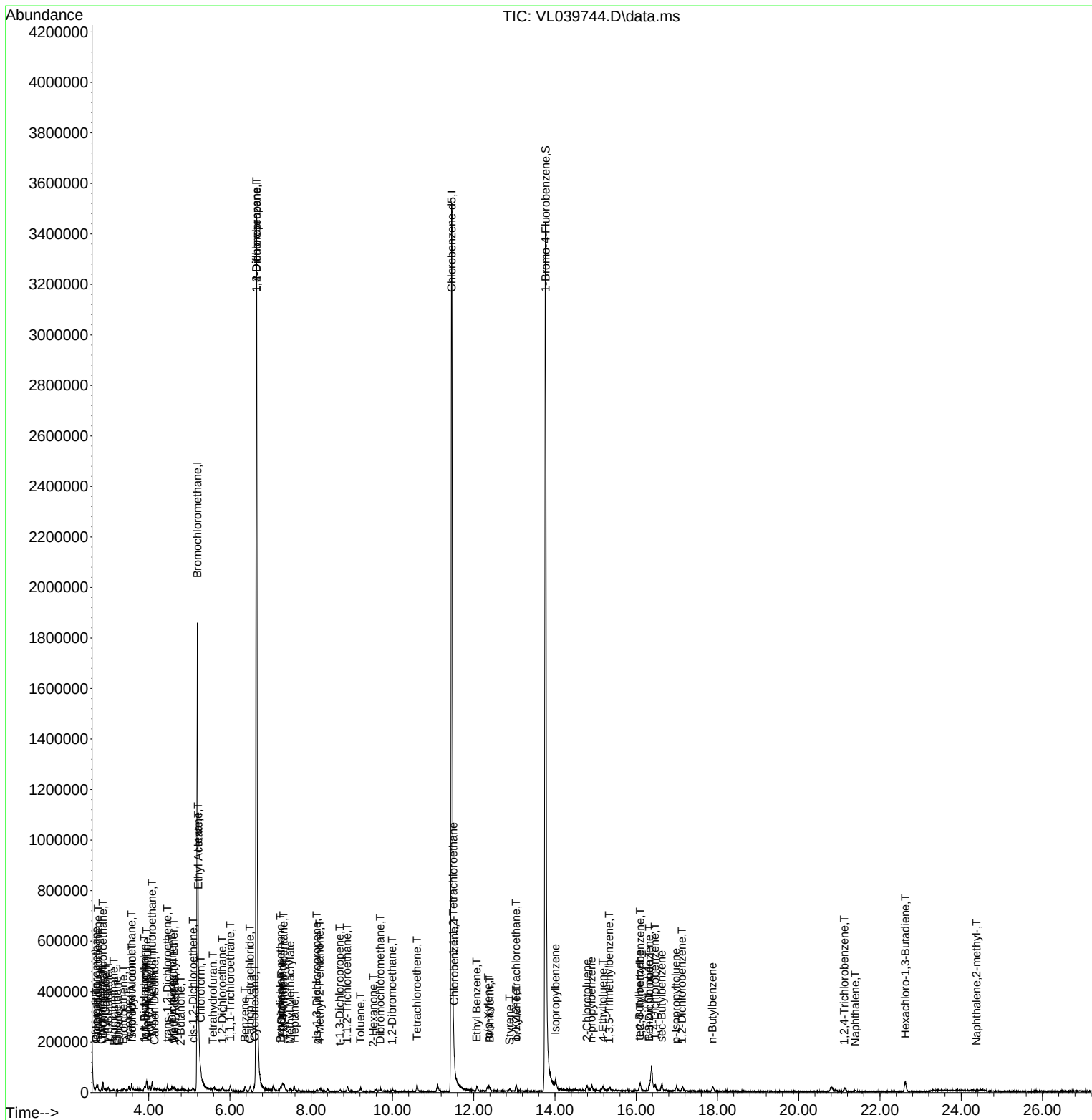
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 MSVOA_L
 ClientSampleId :
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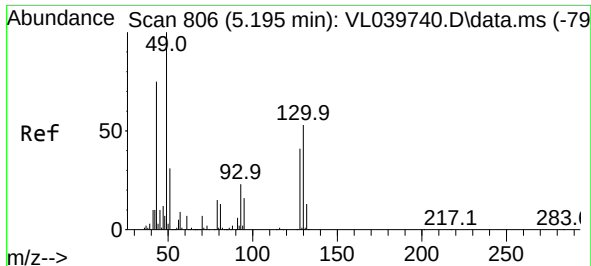
Quant Time: Oct 22 03:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.140	75	2458	0.027	ppbv	#	61
47) 1,1,2-Trichloroethane	8.883	97	829	0.009	ppbv	#	12
48) Dibromochloromethane	9.700	129	1969	0.015	ppbv	#	11
49) Bromoform	12.394	173	3922	0.036	ppbv	#	47
50) 4-Methyl-2-Pentanone	8.208	43	4394	0.021	ppbv	#	40
51) 2-Hexanone	9.526	43	41	0.000	ppbv	#	31
52) Tetrachloroethene	10.603	164	958	0.012	ppbv	#	30
53) Toluene	9.214	91	2383	0.010	ppbv	#	1
54) 1,2-Dibromoethane	9.992	107	939	0.011	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	11.497	131	3845	0.040	ppbv	#	7
57) Chlorobenzene	11.520	112	7140	0.041	ppbv	#	66
58) Ethyl Benzene	12.073	91	2684	0.010	ppbv		96
59) m/p-Xylene	12.359	91	1661	0.007	ppbv	#	1
60) o-Xylene	13.050	91	4143	0.018	ppbv	#	17
61) Styrene	12.886	104	1268	0.010	ppbv	#	1
62) Isopropylbenzene	14.015	105	10114	0.029	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.040	83	4385	0.050	ppbv	#	46
64) n-propylbenzene	14.899	120	1025	0.012	ppbv	#	1
65) tert-Butylbenzene	16.079	119	5391	0.018	ppbv	#	1
66) Benzyl Chloride	16.314	91	160	0.008	ppbv	#	68
67) sec-Butylbenzene	16.629	105	10075	0.024	ppbv	#	60
69) p-Isopropyltoluene	16.979	119	4280	0.013	ppbv	#	48
70) n-Butylbenzene	17.876	91	5156	0.016	ppbv	#	1
71) 2-Chlorotoluene	14.790	91	3613	0.015	ppbv	#	43
72) 4-Ethyltoluene	15.179	105	1953	0.008	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.336	105	3426	0.014	ppbv	#	68
74) 1,2,4-Trimethylbenzene	16.098	105	2033	0.008	ppbv	#	46
75) 1,3-Dichlorobenzene	16.320	146	2421	0.015	ppbv	#	23
76) 1,4-Dichlorobenzene	16.461	146	2919	0.019	ppbv	#	23
77) 1,2-Dichlorobenzene	17.124	146	1878	0.012	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.625	225	2921	0.026	ppbv	#	1
79) Naphthalene	21.387	128	1603	0.010	ppbv		99
80) Naphthalene,2-methyl-	24.374	142	663	0.014	ppbv	#	39
81) 1,2,4-Trichlorobenzene	21.124	180	990	0.010	ppbv	#	100

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

Quant Time: Oct 22 03:04:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
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QLast Update : Sat Oct 22 02:12:34 2022
Response via : Initial Calibration

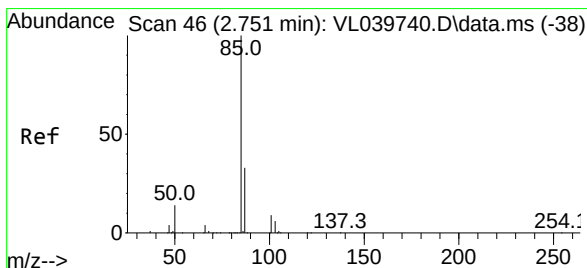
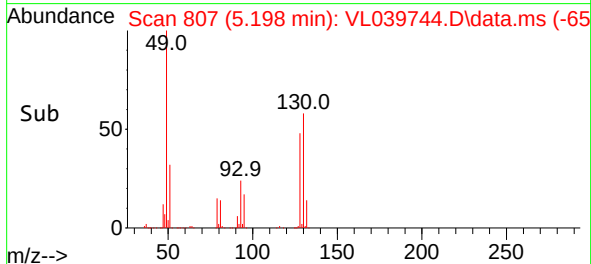
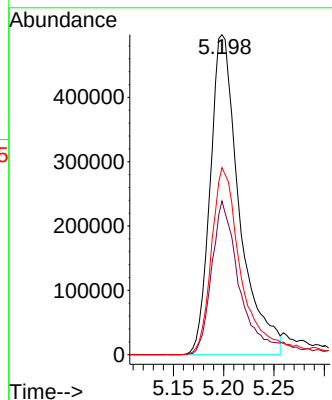
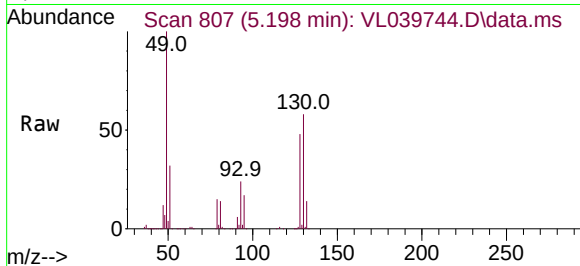




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

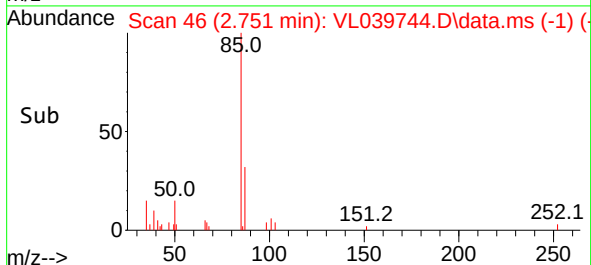
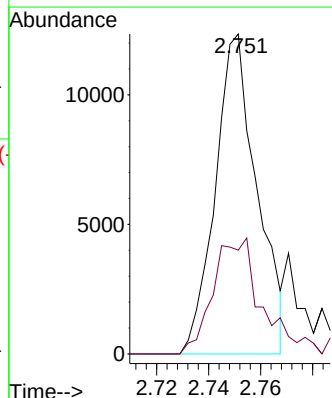
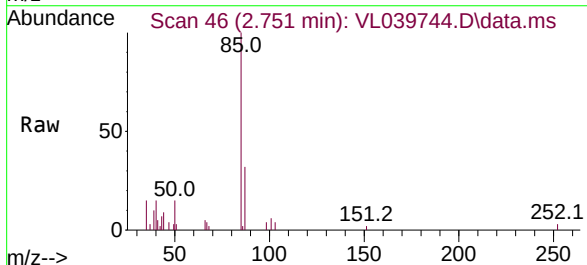
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

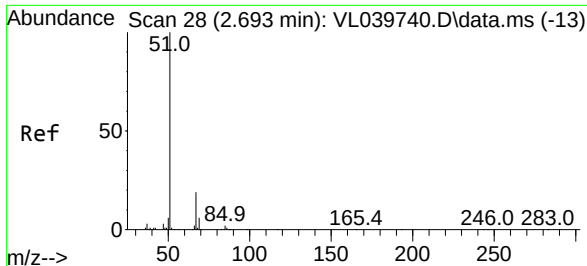
Tgt Ion: 49 Resp: 1002477
 Ion Ratio Lower Upper
 49 100
 128 50.1 22.6 67.8
 130 63.2 29.0 87.0



#2
 Dichlorodifluoromethane
 Concen: 0.082 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.000 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 85 Resp: 13761
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0

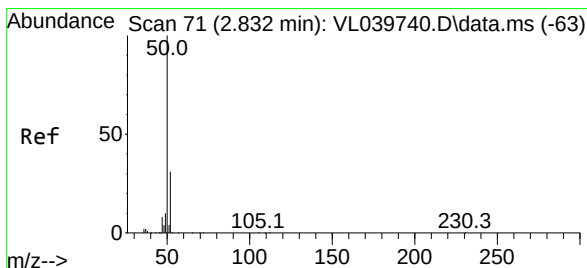
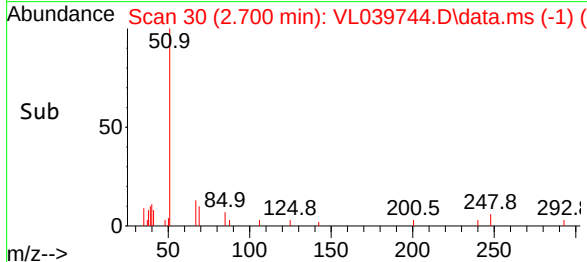
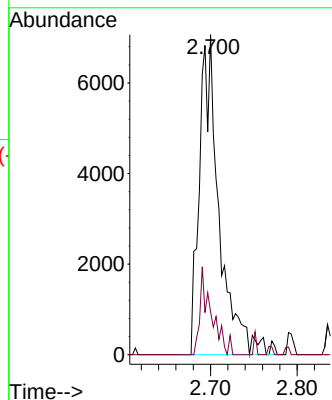
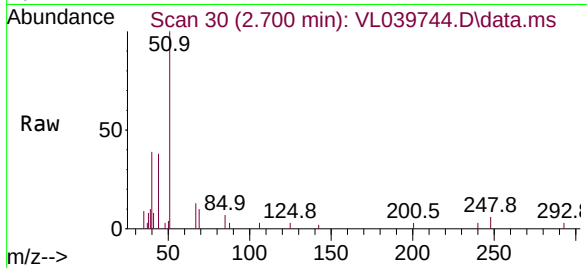




#3
 Chlorodifluoromethane
 Concen: 0.088 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

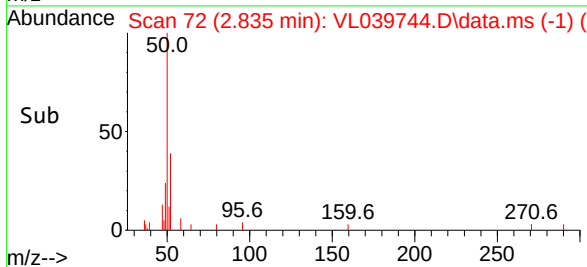
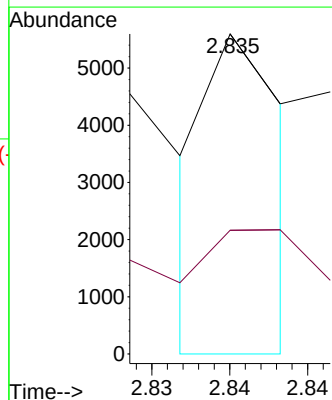
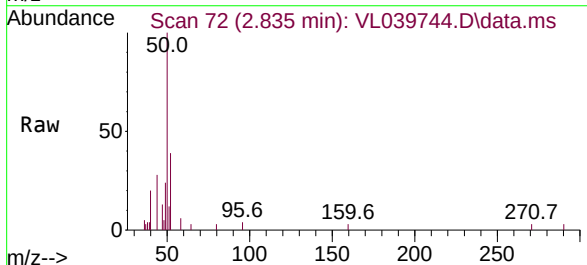
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 ClientSampleId :
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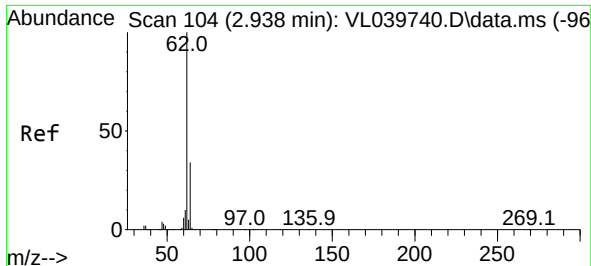
Tgt Ion: 51 Resp: 11241
 Ion Ratio Lower Upper
 51 100
 67 15.9 14.6 21.8



#4
 Chloromethane
 Concen: 0.024 ppbv
 RT: 2.835 min Scan# 72
 Delta R.T. 0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 50 Resp: 1925
 Ion Ratio Lower Upper
 50 100
 52 43.0 24.8 37.2#

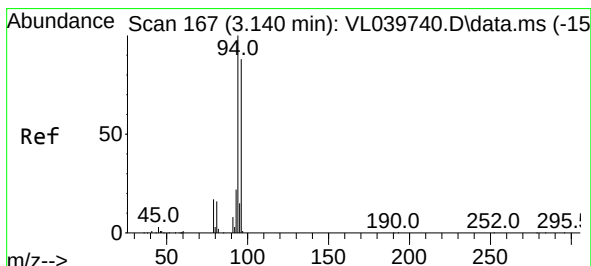
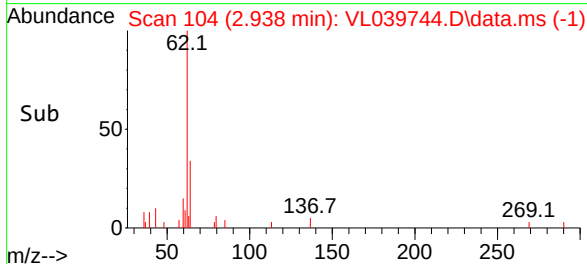
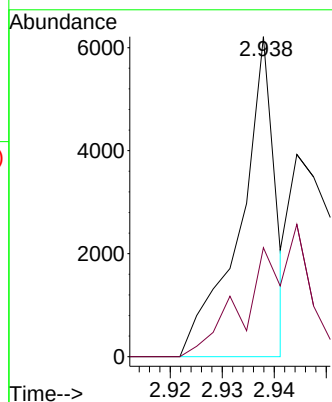
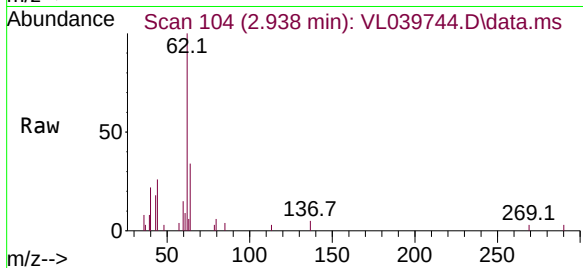




#5
 Vinyl Chloride
 Concen: 0.046 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

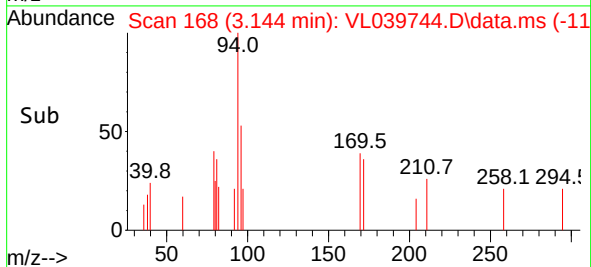
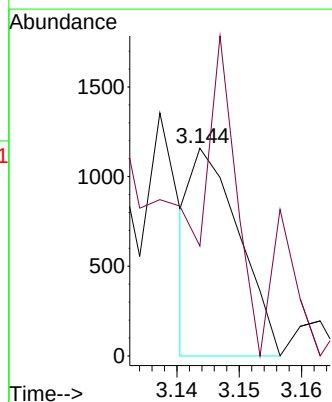
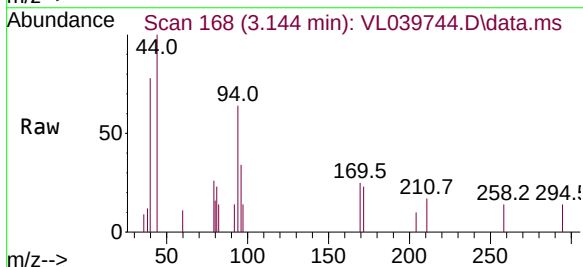
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

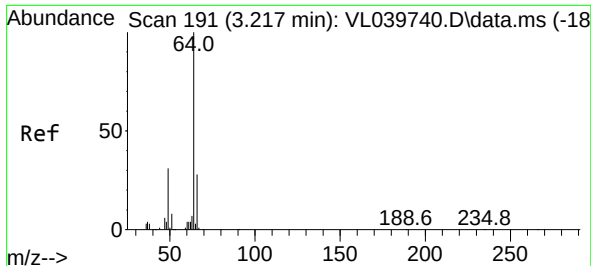
Tgt Ion: 62 Resp: 2908
 Ion Ratio Lower Upper
 62 100
 64 34.0 27.1 40.7



#6
 Bromomethane
 Concen: 0.026 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 94 Resp: 614
 Ion Ratio Lower Upper
 94 100
 96 0.0 70.5 105.7#

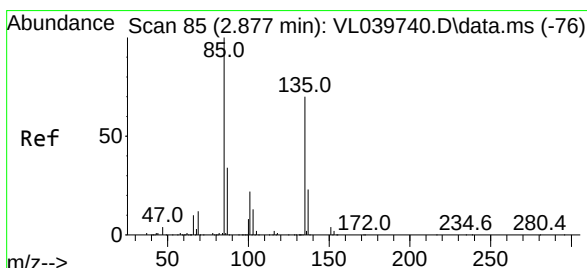
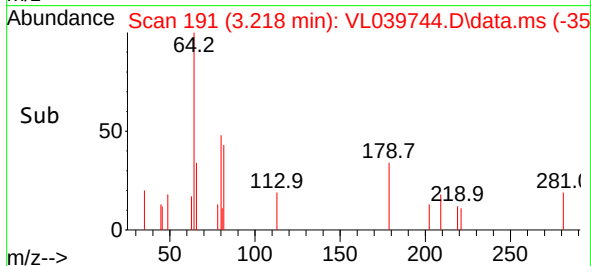
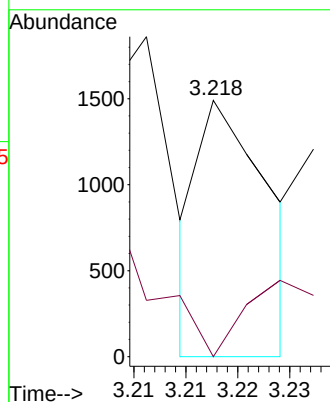
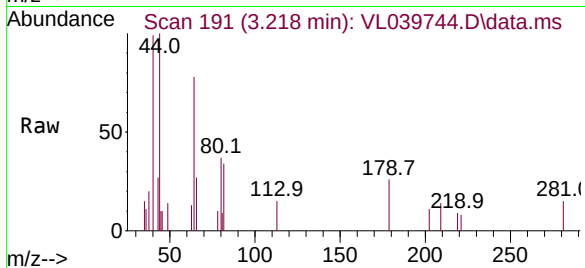




#7
Chloroethane
Concen: 0.030 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

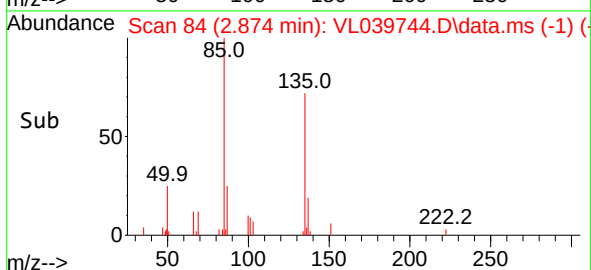
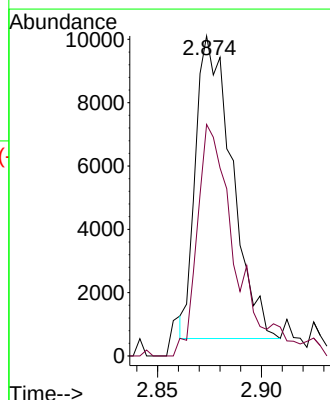
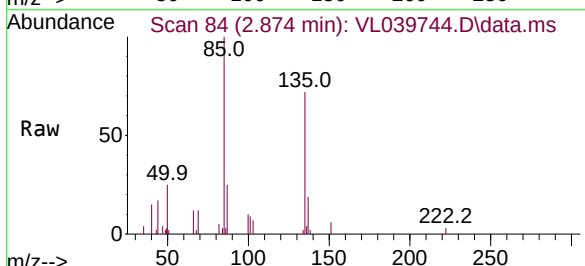
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ClientSampleId :
VSTDIC0.1

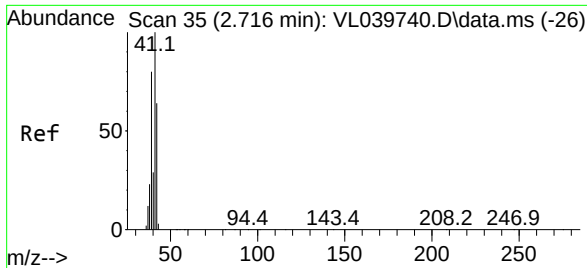
Tgt Ion: 64 Resp: 688
Ion Ratio Lower Upper
64 100
66 0.0 22.6 34.0#



#8
Dichlorotetrafluoroethane
Concen: 0.074 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 85 Resp: 11593
Ion Ratio Lower Upper
85 100
135 82.8 56.1 84.1

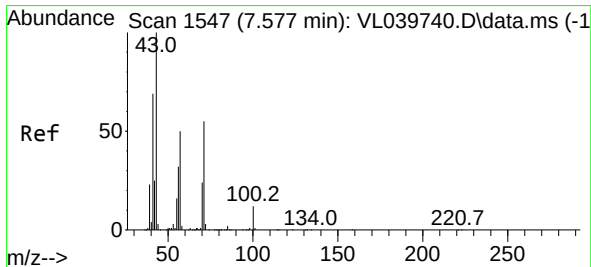
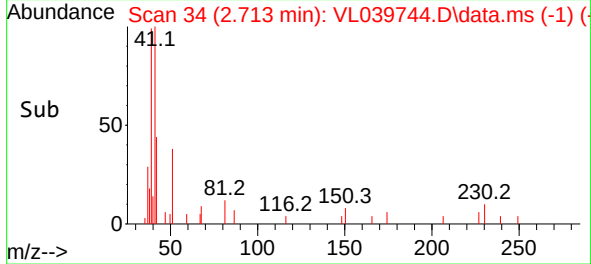
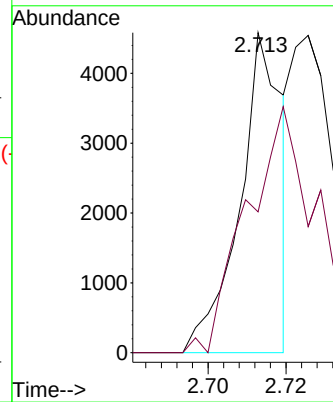
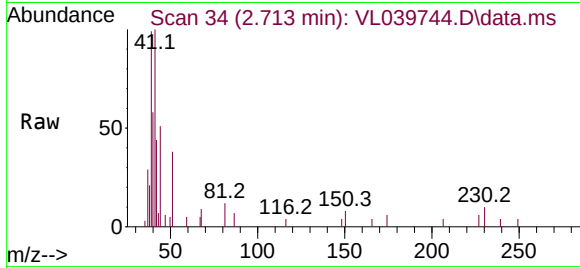




#9
 Propene
 Concen: 0.059 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

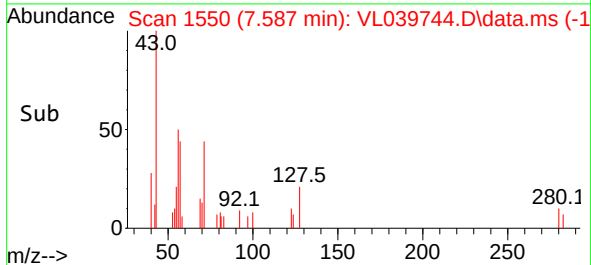
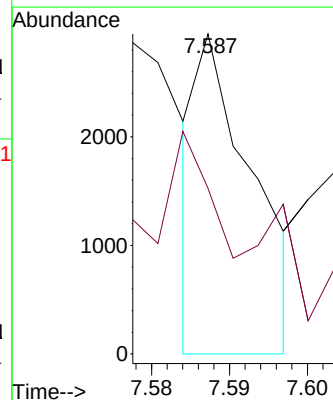
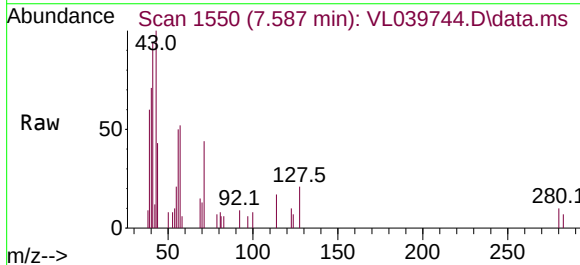
Instrument :
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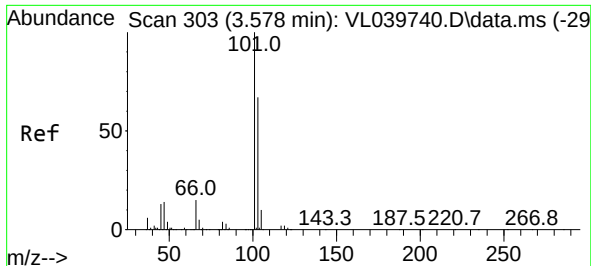
Tgt Ion: 41 Resp: 3465
 Ion Ratio Lower Upper
 41 100
 42 0.0 54.4 81.6#



#10
 Heptane
 Concen: 0.011 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.010 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 43 Resp: 1467
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.0 60.0#

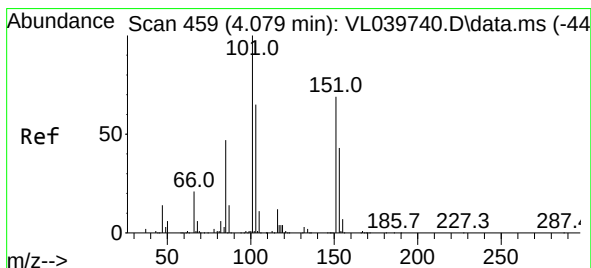
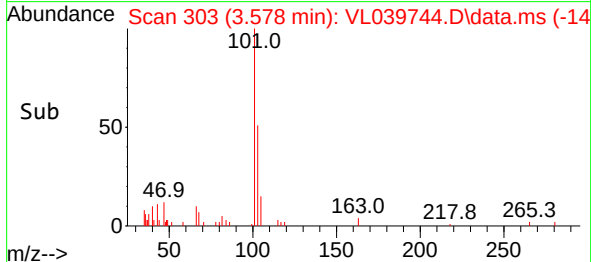
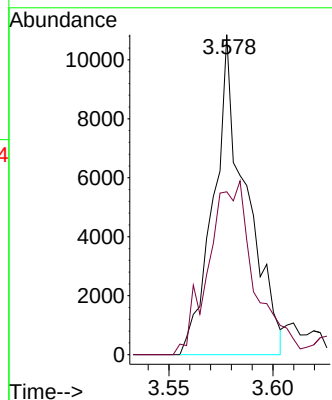
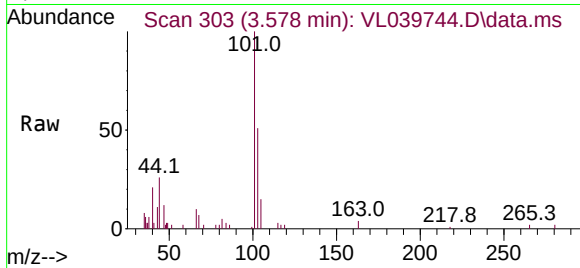




#11
 Trichlorofluoromethane
 Concen: 0.075 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

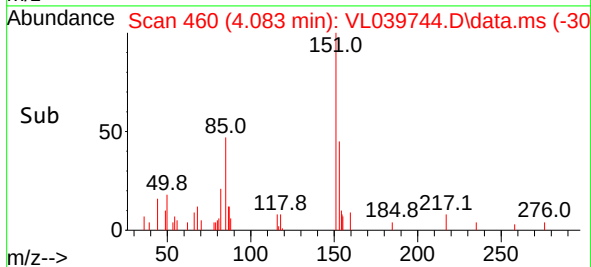
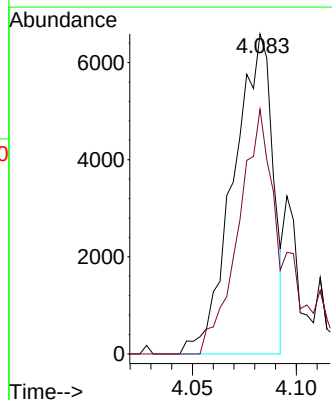
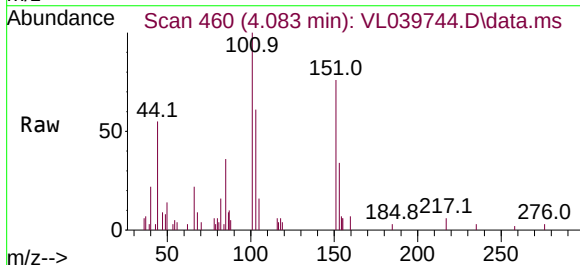
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

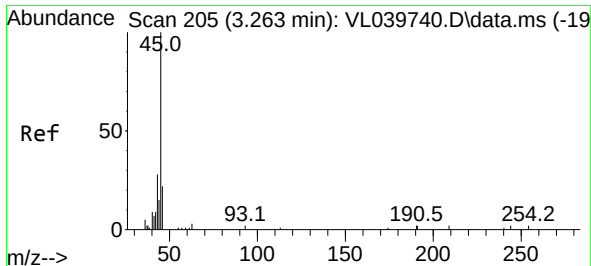
Tgt Ion:101 Resp: 11766
 Ion Ratio Lower Upper
 101 100
 103 47.6 53.2 79.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.069 ppbv
 RT: 4.083 min Scan# 460
 Delta R.T. 0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion:101 Resp: 8717
 Ion Ratio Lower Upper
 101 100
 151 90.1 58.0 87.0#

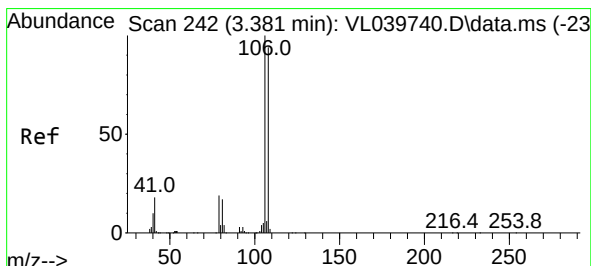
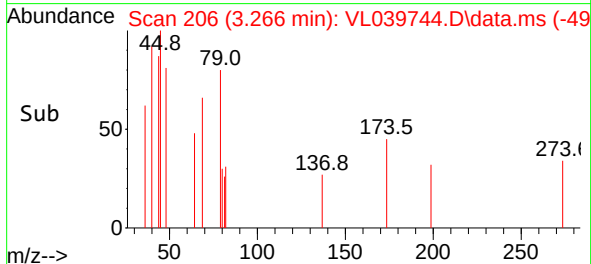
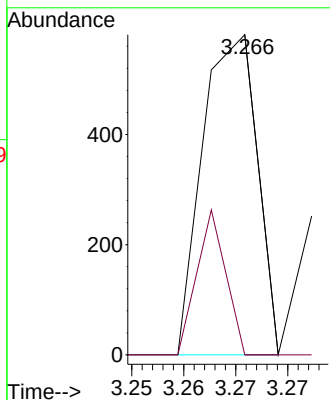
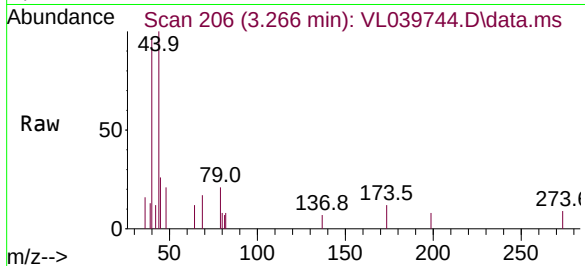




#13
 Ethanol
 Concen: 0.053 ppbv
 RT: 3.266 min Scan# 205
 Delta R.T. 0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

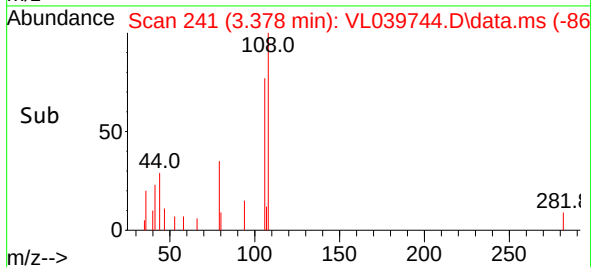
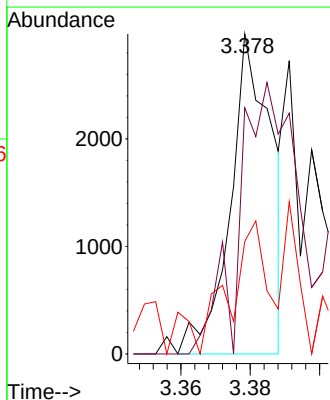
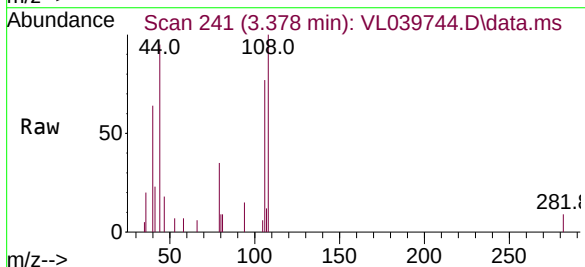
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

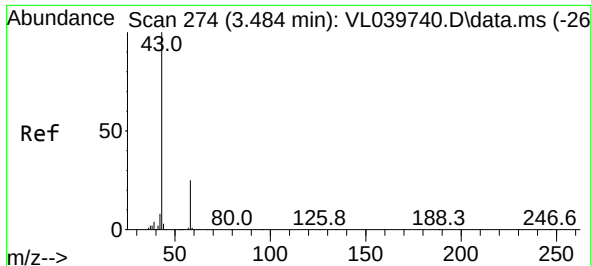
Tgt Ion: 45 Resp: 212
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.8 59.2#



#14
 Bromoethene
 Concen: 0.051 ppbv
 RT: 3.378 min Scan# 241
 Delta R.T. -0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 108 Resp: 2453
 Ion Ratio Lower Upper
 108 100
 106 0.0 90.2 135.4#
 79 0.0 16.2 24.2#

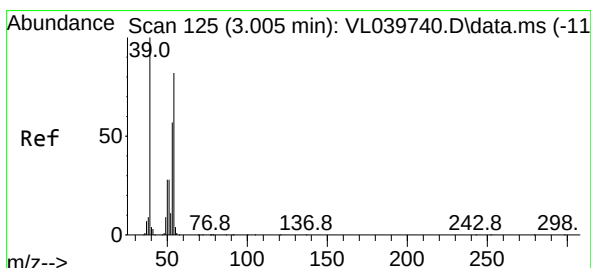
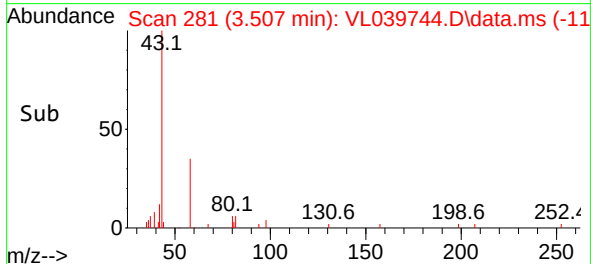
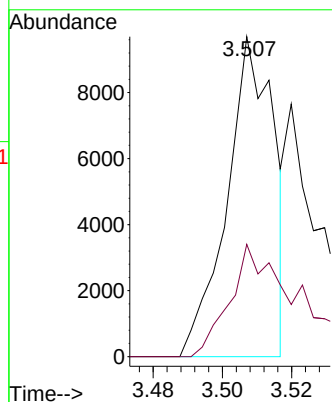
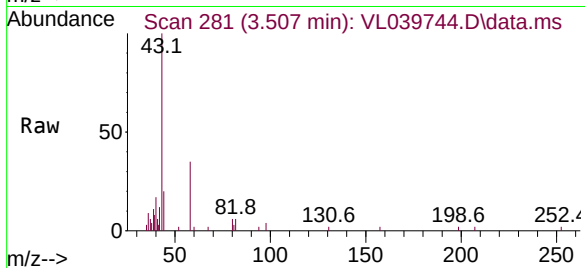




#15
Acetone
Concen: 0.075 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

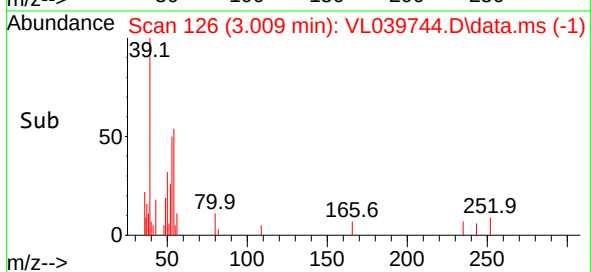
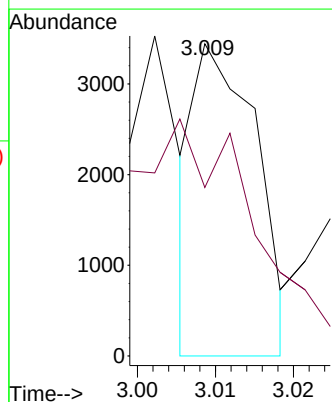
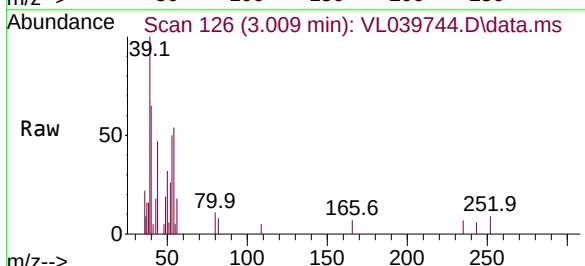
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

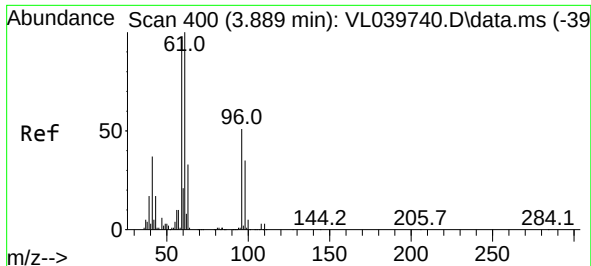
Tgt Ion: 43 Resp: 9138
Ion Ratio Lower Upper
43 100
58 60.7 20.9 31.3#



#16
1,3-Butadiene
Concen: 0.031 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 39 Resp: 1897
Ion Ratio Lower Upper
39 100
54 211.5 65.2 97.8#





#17

tert-Butyl alcohol

Concen: 0.004 ppbv

RT: 3.899 min Scan# 400

Delta R.T. 0.010 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_1

ClientSampleId :

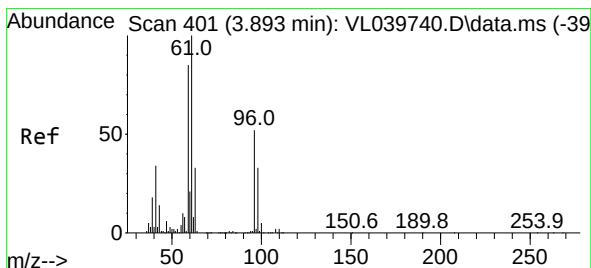
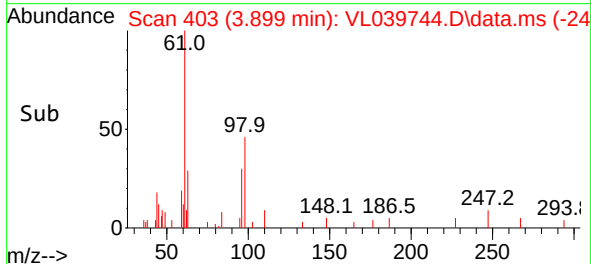
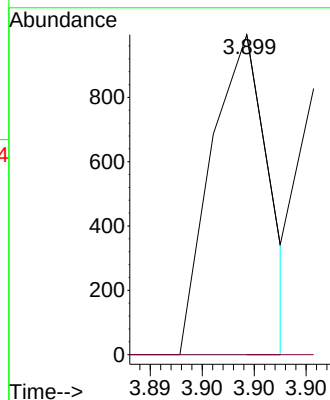
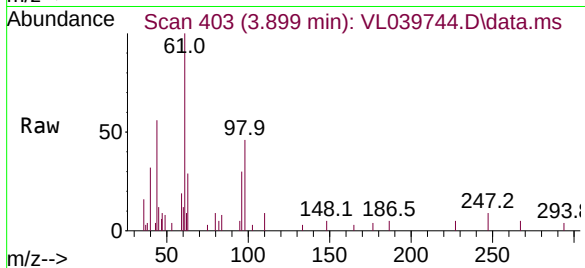
VSTDICC0.1

Tgt Ion: 59 Resp: 390

Ion Ratio Lower Upper

59 100

57 9.0 8.2 12.4



#18

1,1-Dichloroethene

Concen: 0.050 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.003 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

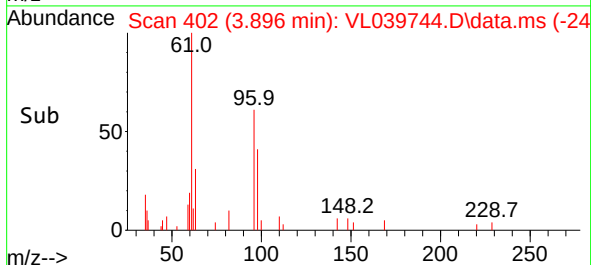
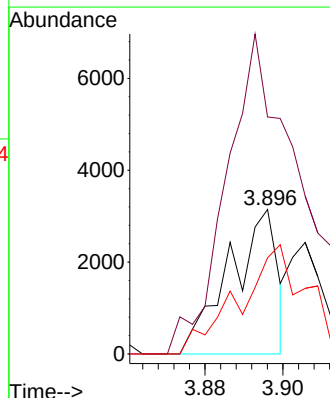
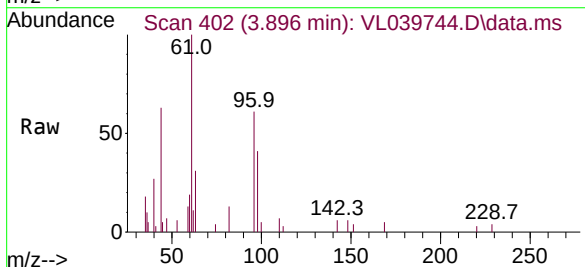
Tgt Ion: 96 Resp: 2678

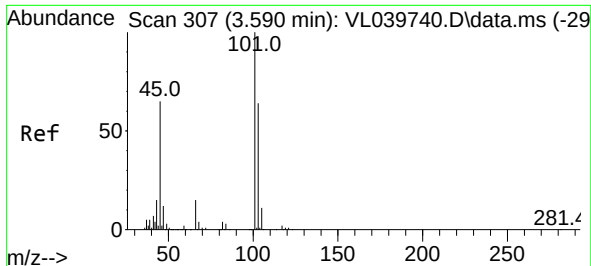
Ion Ratio Lower Upper

96 100

61 138.5 152.7 229.1#

98 66.6 50.2 75.2

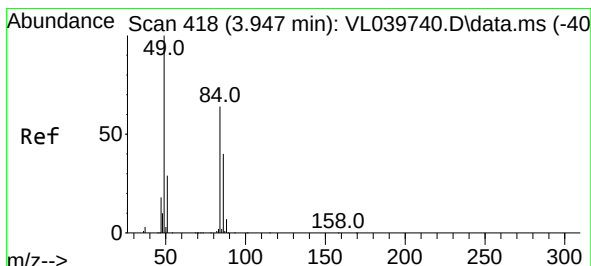
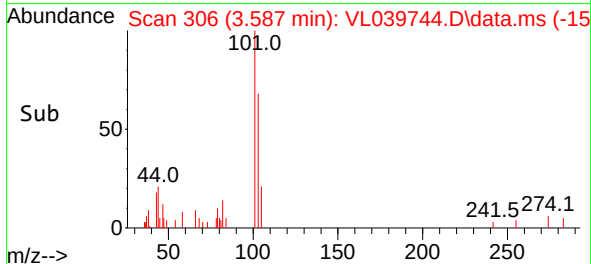
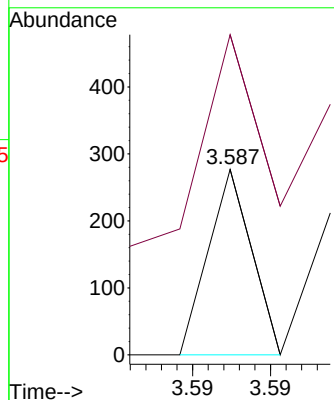
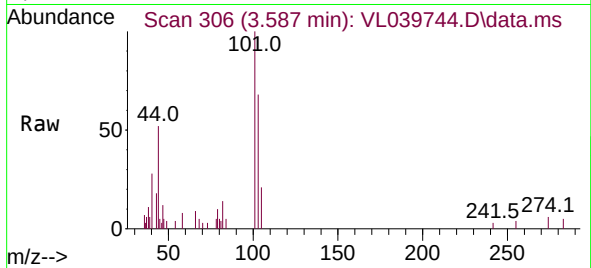




#19
Isopropyl Alcohol
Concen: 0.001 ppbv
RT: 3.587 min Scan# 307
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

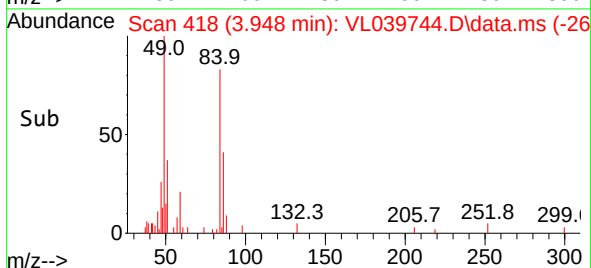
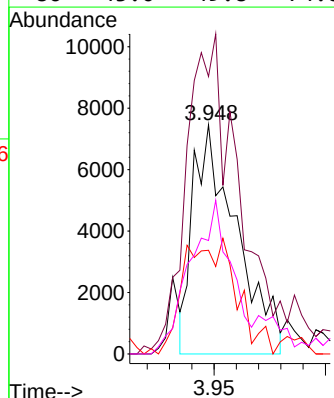
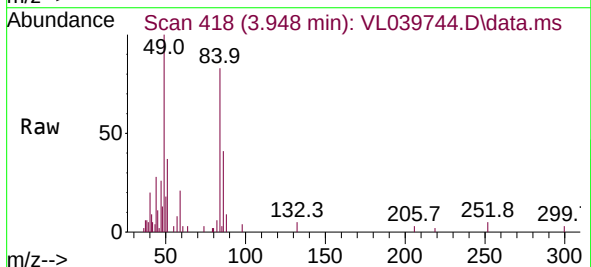
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

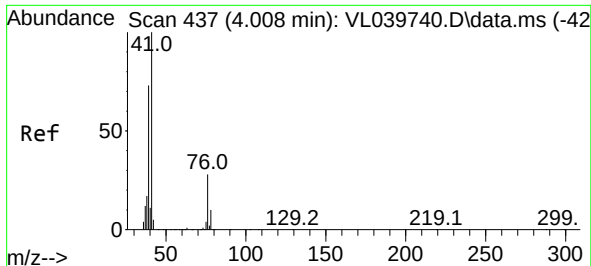
Tgt Ion: 45 Resp: 53
Ion Ratio Lower Upper
45 100
58 890.6 3.3 4.9#



#20
Methylene Chloride
Concen: 0.208 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 84 Resp: 10109
Ion Ratio Lower Upper
84 100
49 107.7 124.2 186.4#
51 44.0 36.6 54.8
86 43.0 49.8 74.8#

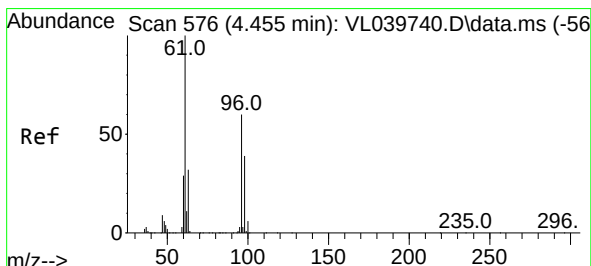
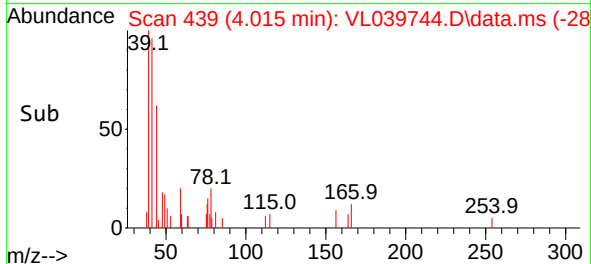
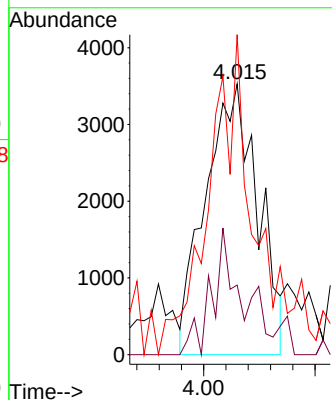
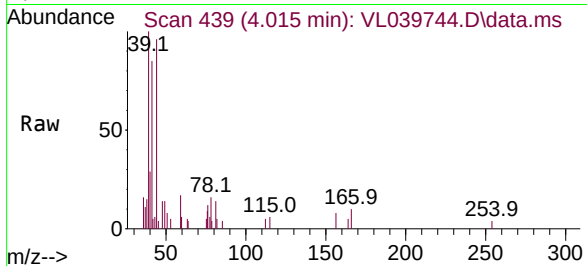




#21
 Allyl Chloride
 Concen: 0.069 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

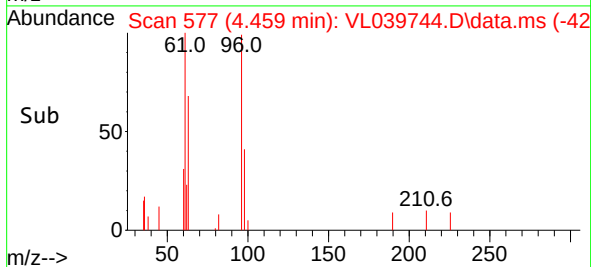
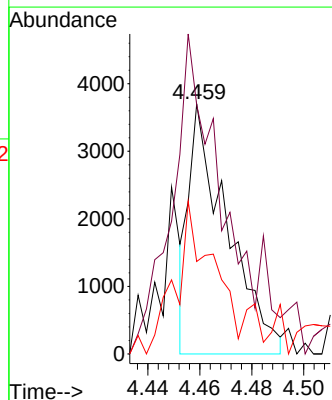
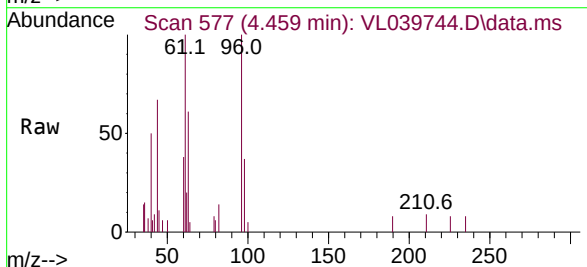
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

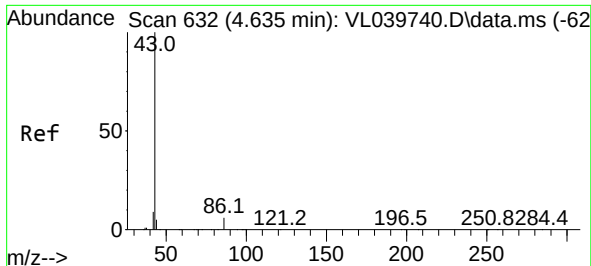
Tgt Ion: 41 Resp: 5732
 Ion Ratio Lower Upper
 41 100
 76 30.4 23.5 35.3
 39 116.8 67.4 101.2#



#22
 trans-1,2-Dichloroethene
 Concen: 0.069 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 96 Resp: 3801
 Ion Ratio Lower Upper
 96 100
 61 91.2 132.9 199.3#
 98 18.5 51.6 77.4#

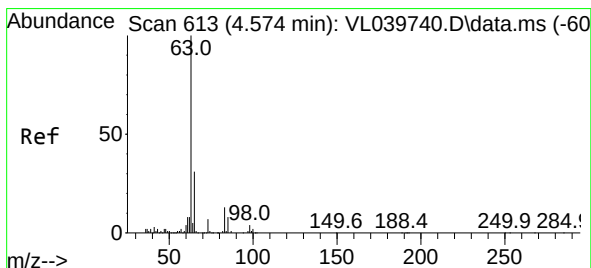
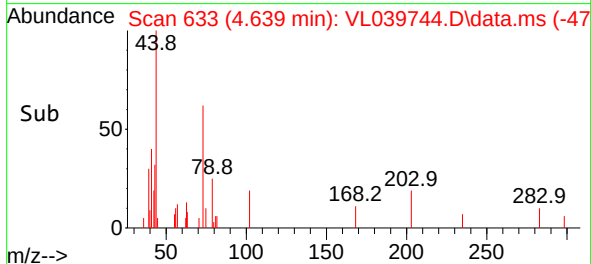
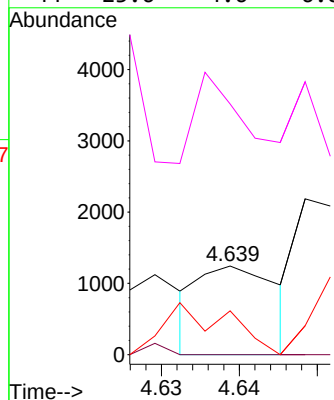
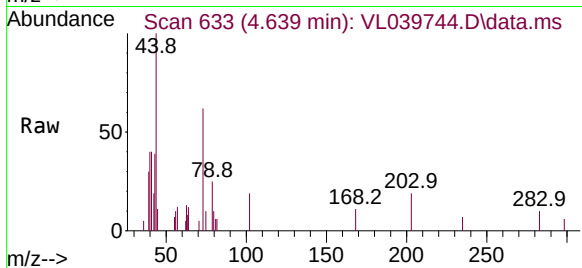




#23
 Vinyl Acetate
 Concen: 0.017 ppbv
 RT: 4.639 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

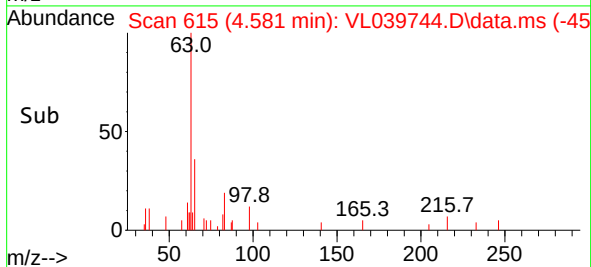
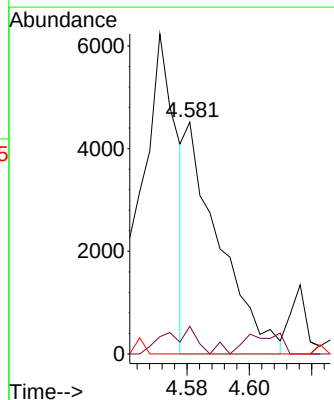
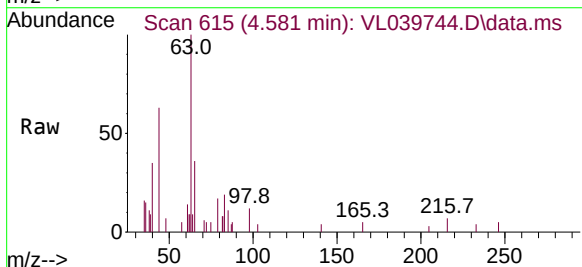
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

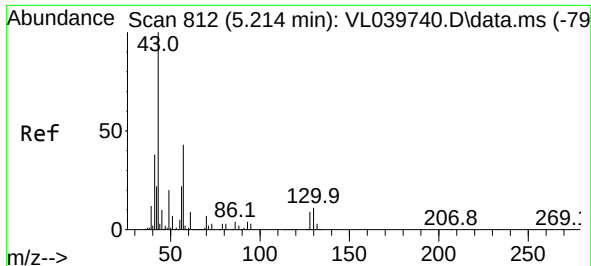
Tgt Ion:	43	Resp:	860
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.3	6.5#
42	17.4	7.9	11.9#
44	23.6	4.6	6.8#



#24
 1,1-Dichloroethane
 Concen: 0.029 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.007 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion:	63	Resp:	3365
Ion	Ratio	Lower	Upper
63	100		
98	7.2	2.1	6.5#
100	0.0	1.2	3.6#





#25

Ethyl Acetate

Concen: 0.027 ppbv

RT: 5.221 min Scan# 813

Delta R.T. 0.007 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 6490

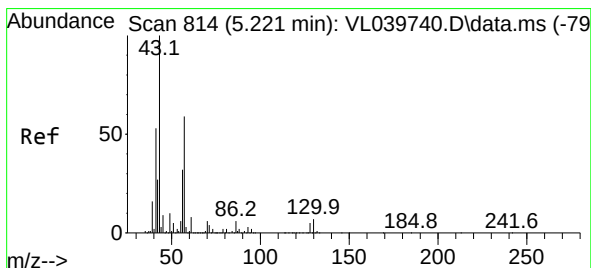
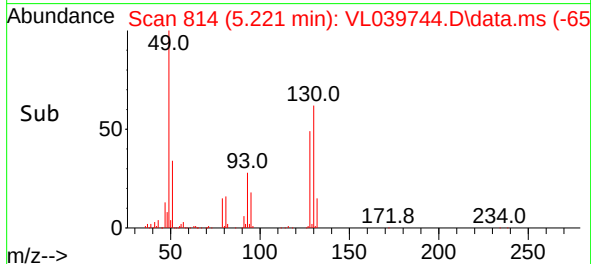
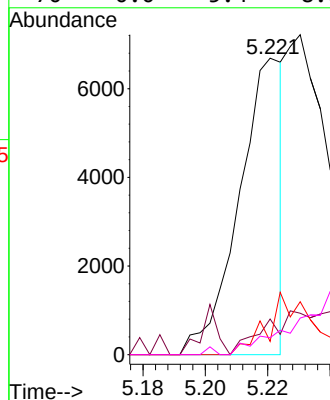
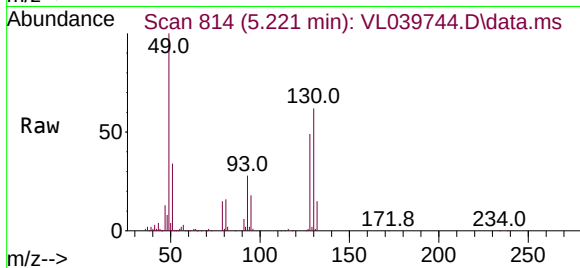
Ion Ratio Lower Upper

43 100

45 37.6 8.1 12.1#

61 28.0 7.5 11.3#

70 0.0 5.4 8.0#



#26

Hexane

Concen: 0.039 ppbv

RT: 5.218 min Scan# 813

Delta R.T. -0.003 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Tgt Ion: 57 Resp: 3888

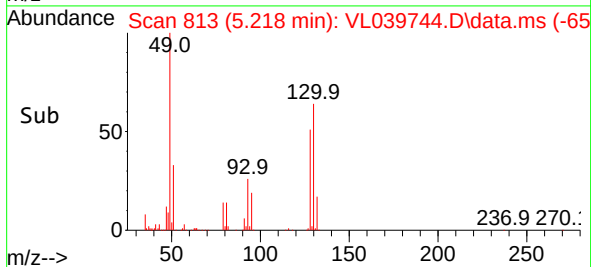
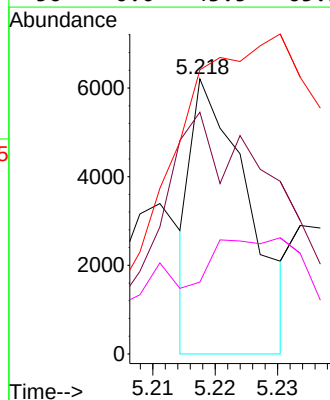
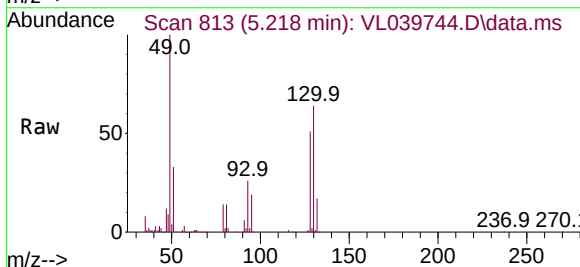
Ion Ratio Lower Upper

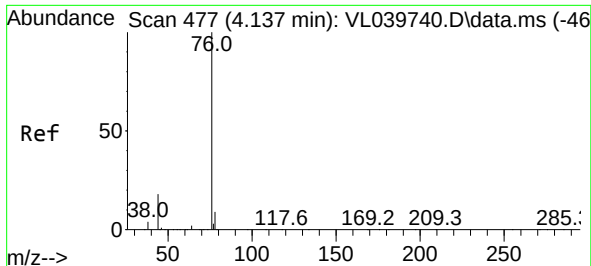
57 100

41 247.5 76.8 115.2#

43 0.0 201.0 301.4#

56 0.0 43.5 65.3#

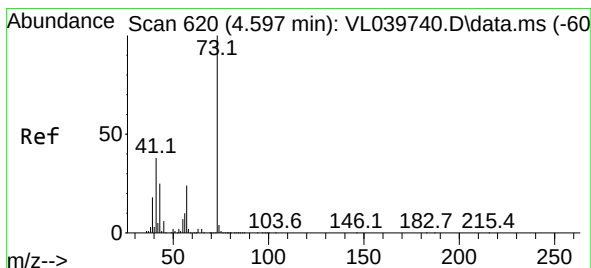
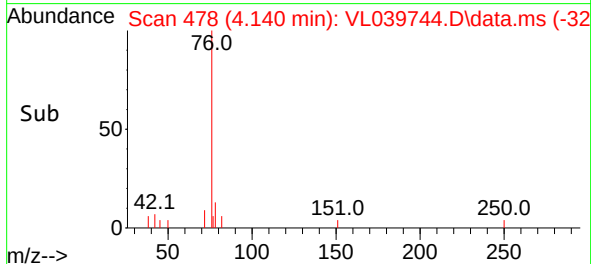
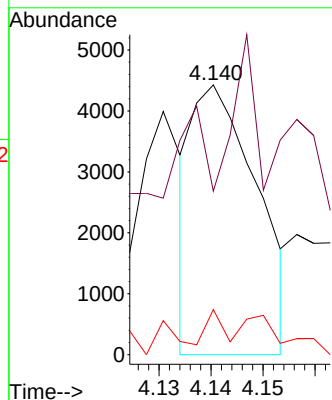
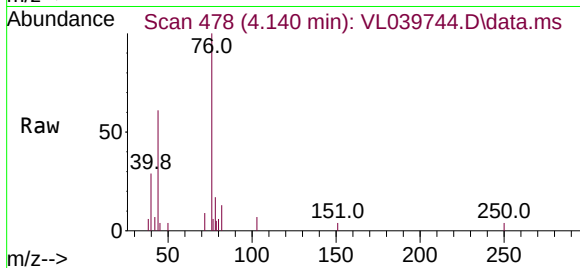




#27
Carbon Disulfide
Concen: 0.031 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

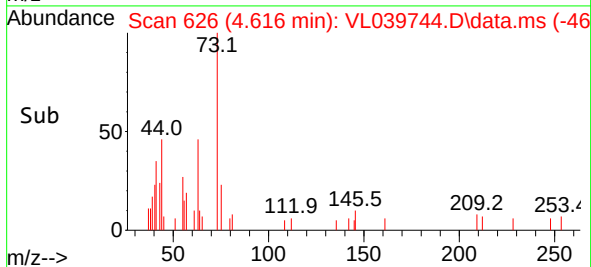
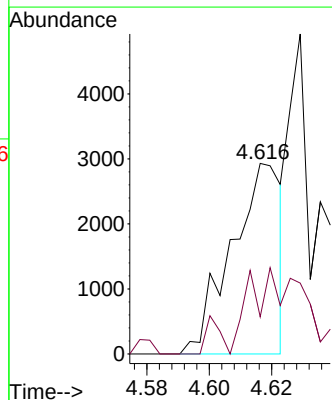
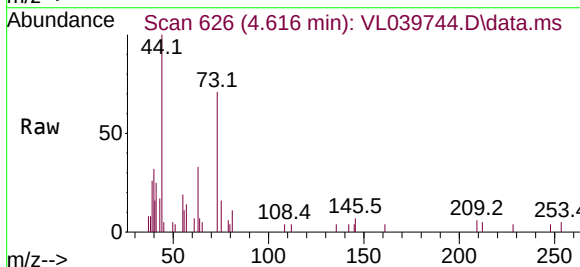
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

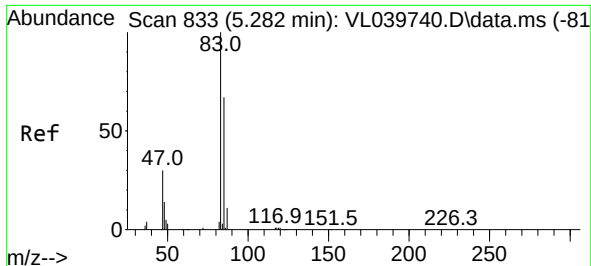
Tgt Ion: 76 Resp: 3838
Ion Ratio Lower Upper
76 100
44 50.1 14.5 21.7#
78 23.8 8.1 12.1#



#28
Methyl tert-Butyl Ether
Concen: 0.034 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.019 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 73 Resp: 3219
Ion Ratio Lower Upper
73 100
57 68.2 19.4 29.2#





#29

Chloroform

Concen: 0.049 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_1

ClientSampleId :

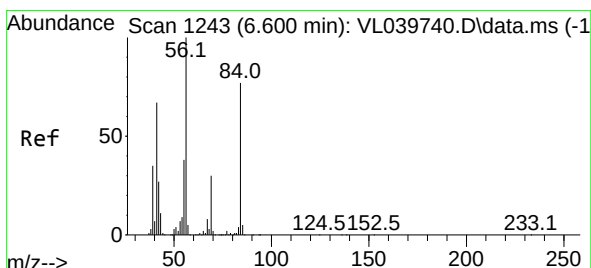
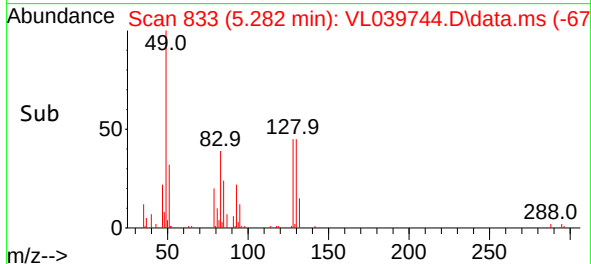
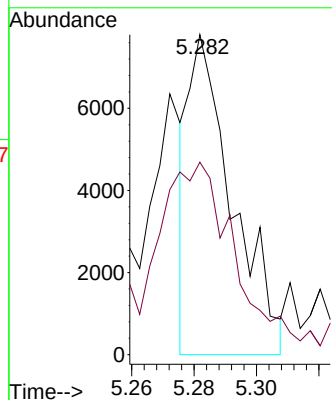
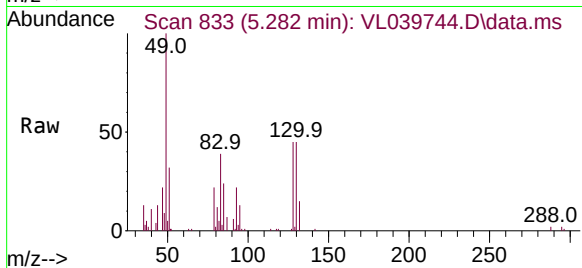
VSTDIC0.1

Tgt Ion: 83 Resp: 7708

Ion Ratio Lower Upper

83 100

85 54.1 53.5 80.3



#30

Cyclohexane

Concen: 0.029 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.007 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

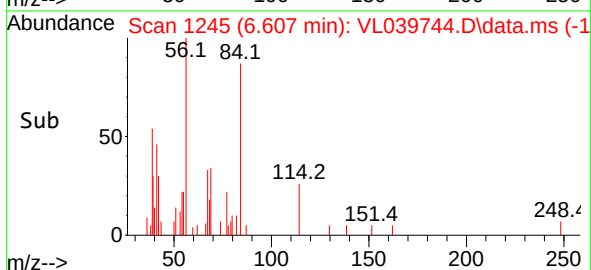
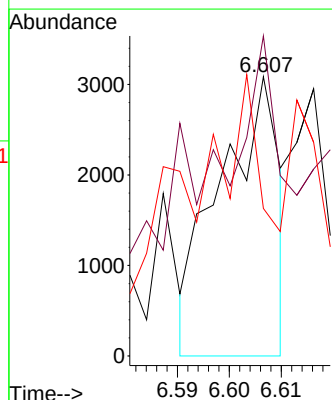
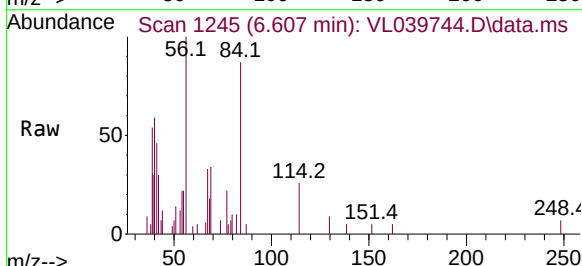
Tgt Ion: 84 Resp: 2447

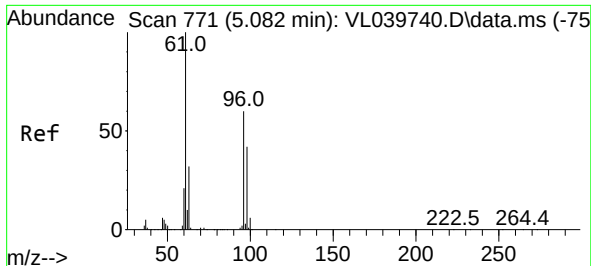
Ion Ratio Lower Upper

84 100

56 0.0 114.2 171.4#

41 256.4 74.2 111.2#

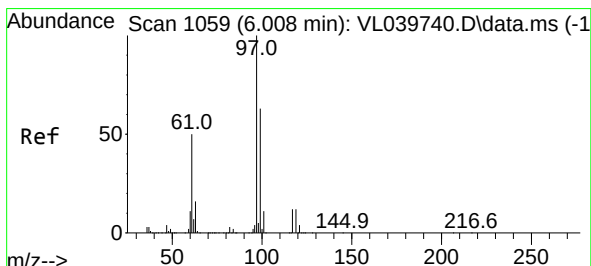
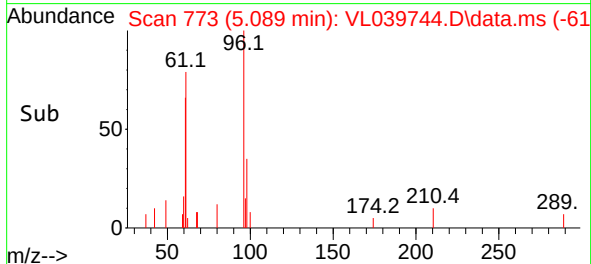
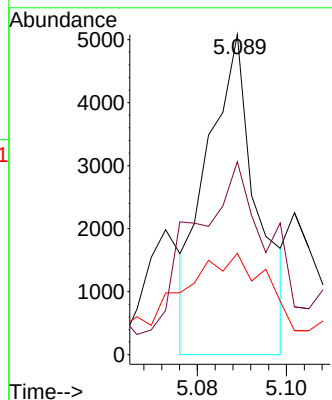
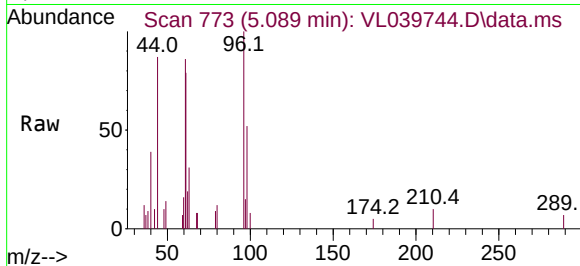




#31
 cis-1,2-Dichloroethene
 Concen: 0.045 ppbv
 RT: 5.089 min Scan# 771
 Delta R.T. 0.007 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

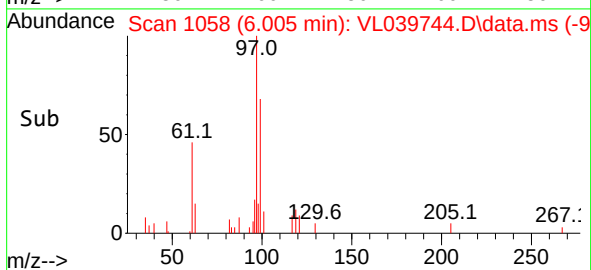
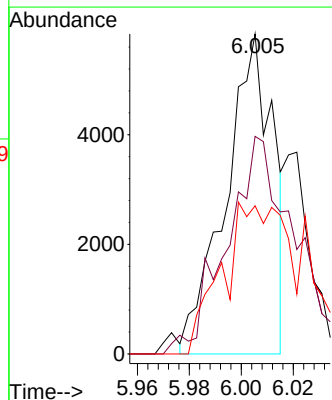
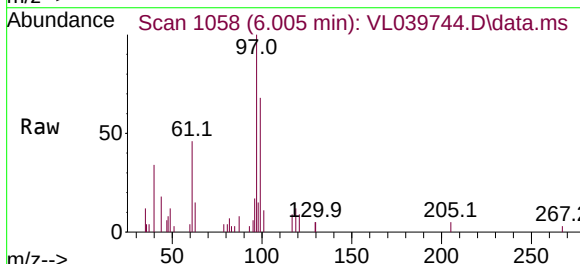
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

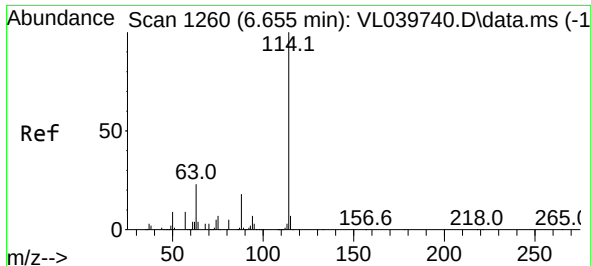
Tgt Ion: 61 Resp: 3969
 Ion Ratio Lower Upper
 61 100
 96 27.9 48.3 72.5#
 98 21.8 33.2 49.8#



#32
 1,1,1-Trichloroethane
 Concen: 0.054 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 97 Resp: 7389
 Ion Ratio Lower Upper
 97 100
 99 103.8 53.0 79.4#
 61 86.6 43.3 64.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

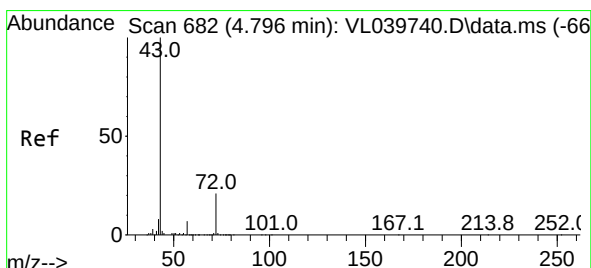
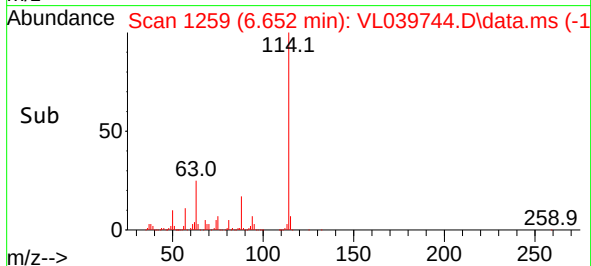
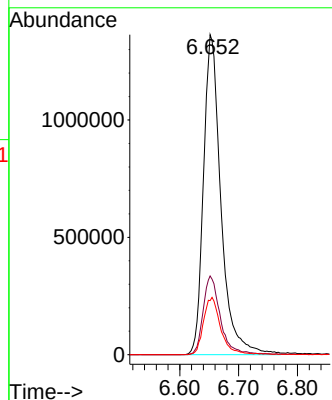
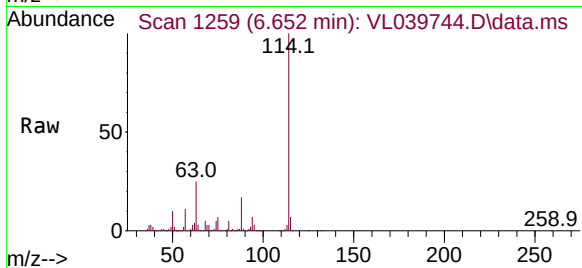
Tgt Ion:114 Resp: 2815913

Ion Ratio Lower Upper

114 100

63 24.4 19.8 29.6

88 18.0 14.2 21.4



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.010 min

Lab File: VL039744.D

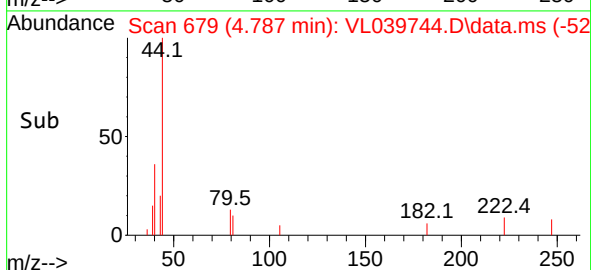
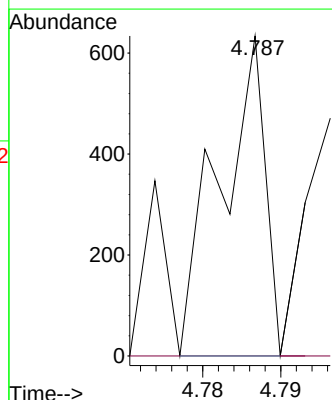
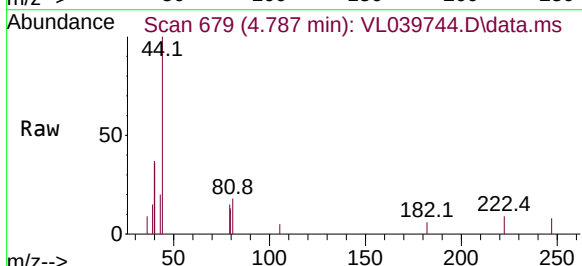
Acq: 21 Oct 2022 12:35

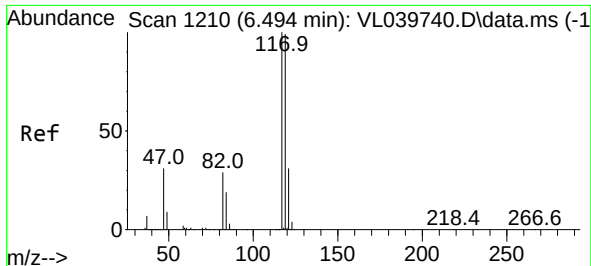
Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

72 0.0 17.1 25.7#

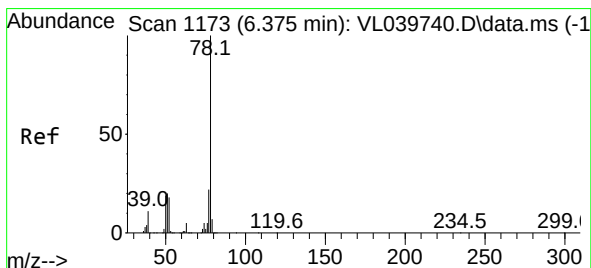
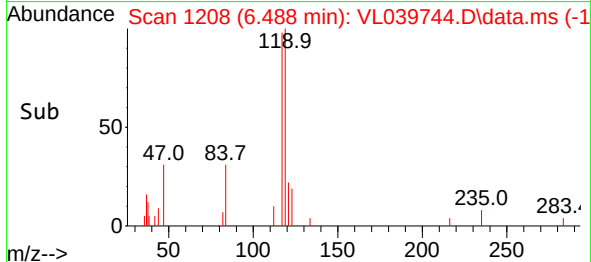
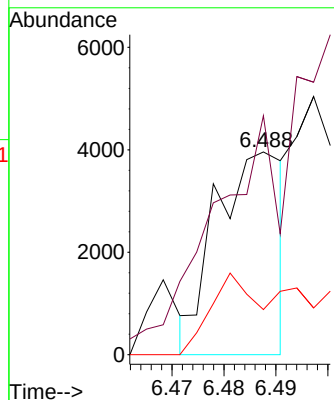
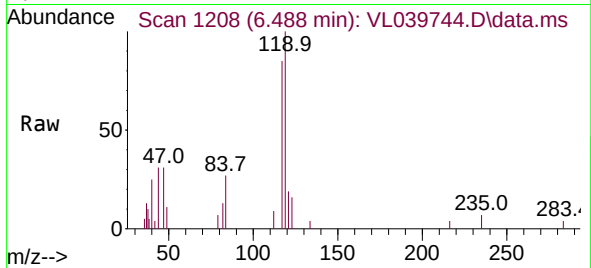




#35
Carbon Tetrachloride
Concen: 0.024 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

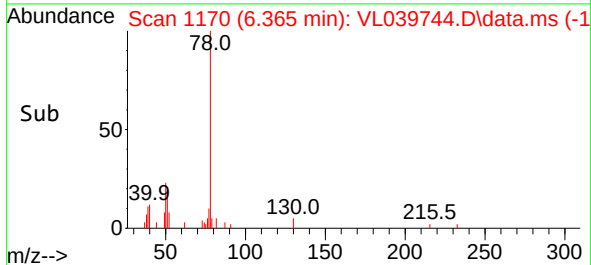
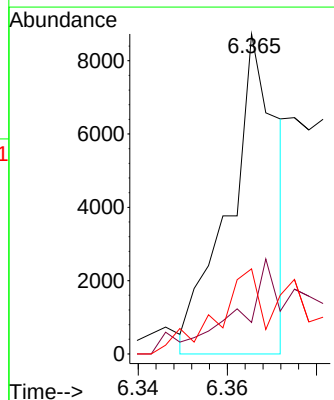
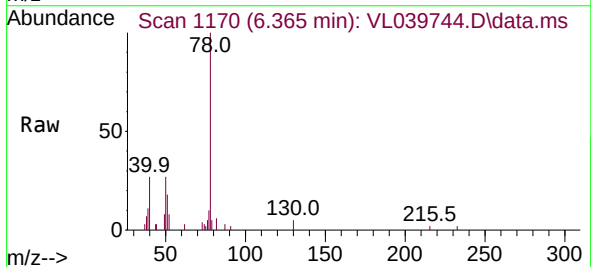
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

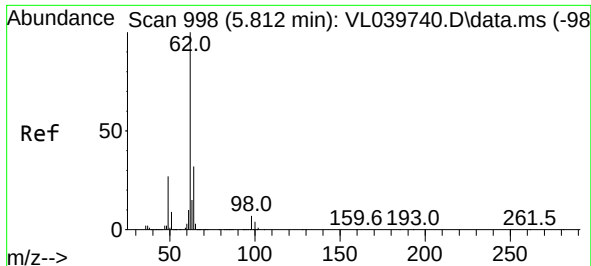
Tgt Ion:117 Resp: 3536
Ion Ratio Lower Upper
117 100
119 101.3 79.2 118.8
121 27.6 25.0 37.6



#36
Benzene
Concen: 0.030 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 78 Resp: 6452
Ion Ratio Lower Upper
78 100
77 6.5 17.3 25.9#
50 16.7 14.9 22.3

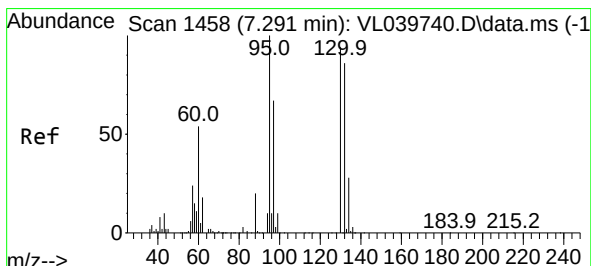
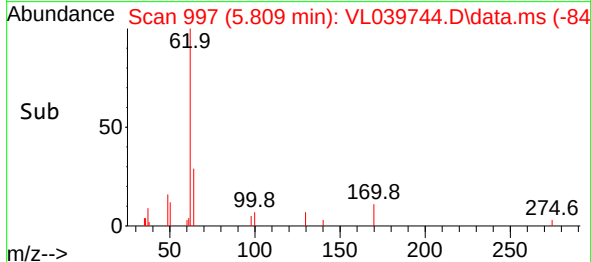
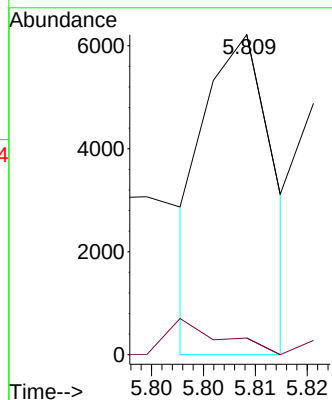
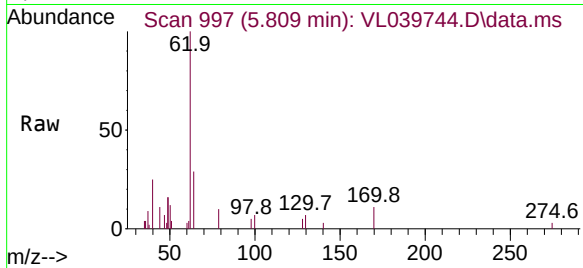




#37
1,2-Dichloroethane
Concen: 0.025 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

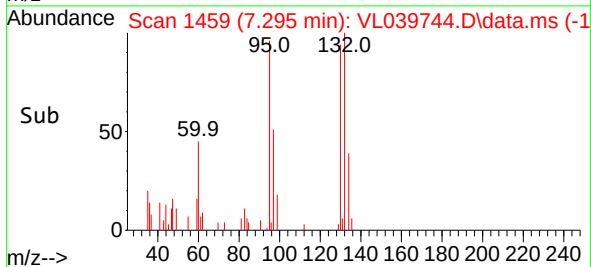
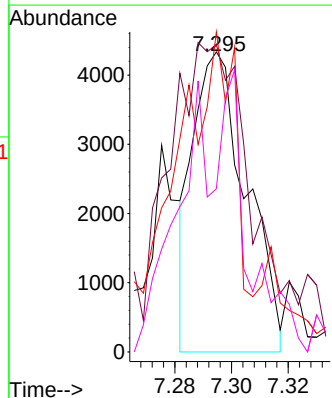
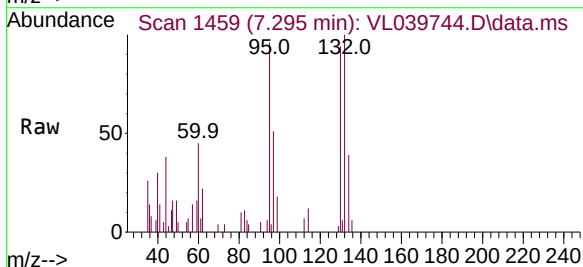
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

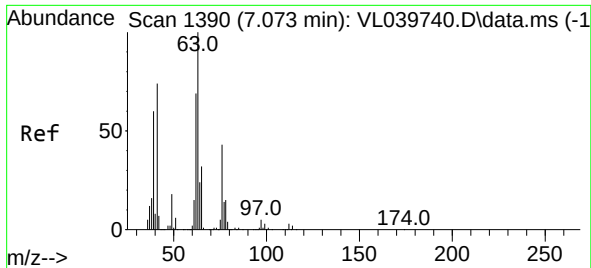
Tgt Ion: 62 Resp: 2828
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.0#



#38
Trichloroethene
Concen: 0.050 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion:130 Resp: 5679
Ion Ratio Lower Upper
130 100
95 89.4 85.4 128.2
132 97.4 73.0 109.6
97 37.0 57.3 85.9#





#39

1,2-Dichloropropane

Concen: 8.145 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

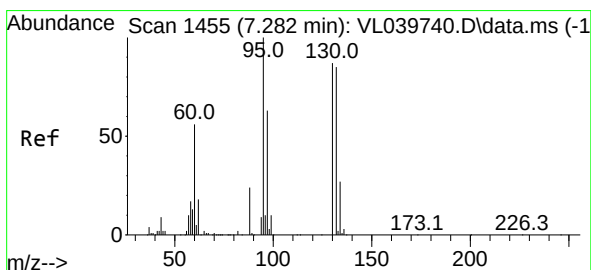
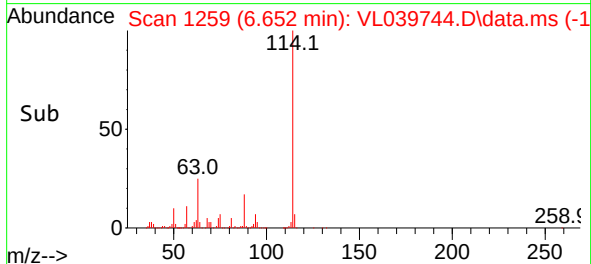
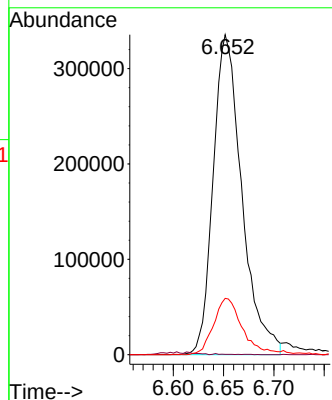
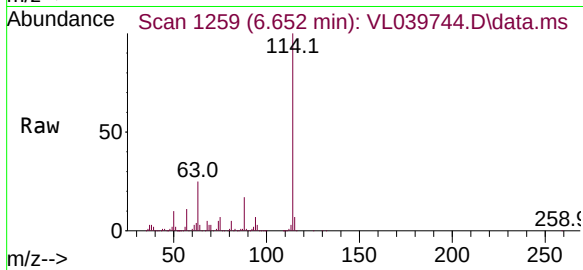
Tgt Ion: 63 Resp: 664019

Ion Ratio Lower Upper

63 100

41 0.2 59.5 89.3#

62 17.5 55.2 82.8#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.016 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Tgt Ion: 88 Resp: 119

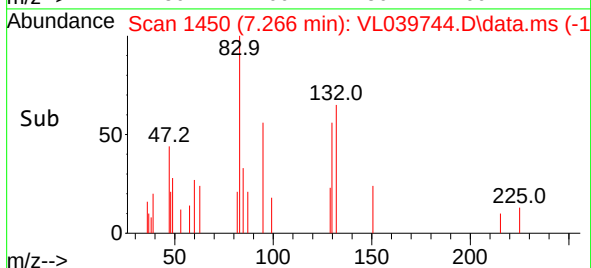
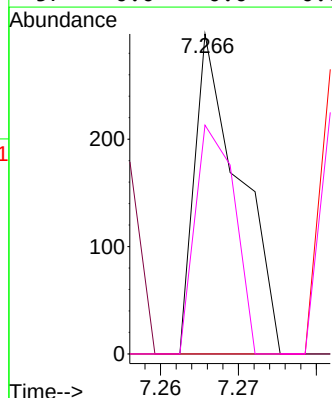
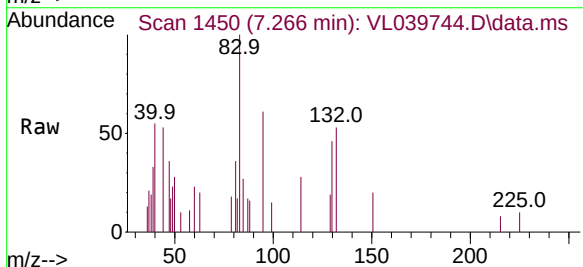
Ion Ratio Lower Upper

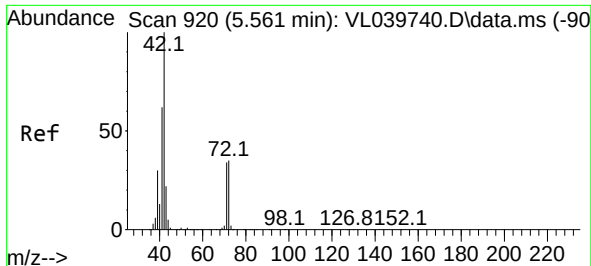
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.006 ppbv

RT: 5.581 min Scan# 91

Delta R.T. 0.019 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

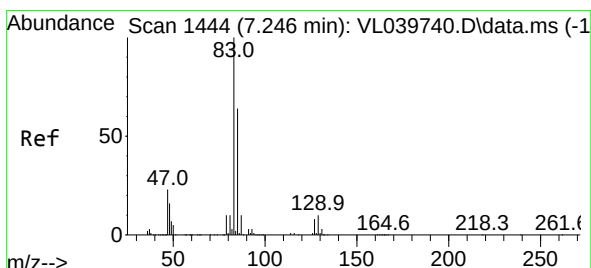
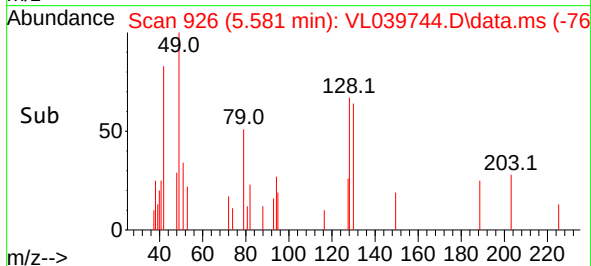
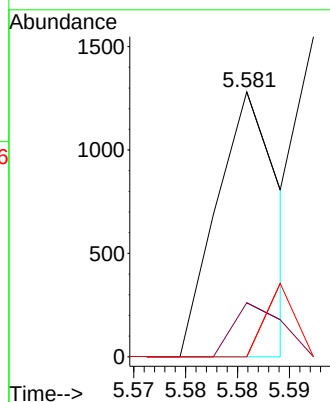
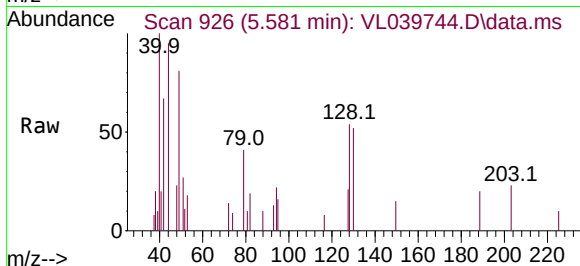
Tgt Ion: 42 Resp: 536

Ion Ratio Lower Upper

42 100

72 0.0 30.0 45.0#

71 0.0 29.3 43.9#



#42

Bromodichloromethane

Concen: 0.039 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.003 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

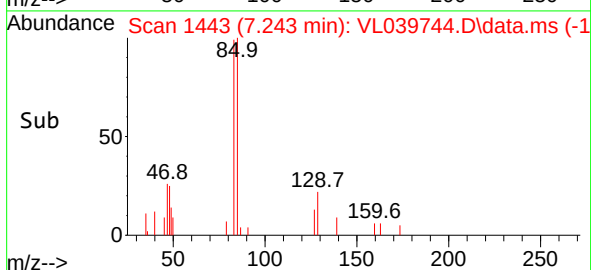
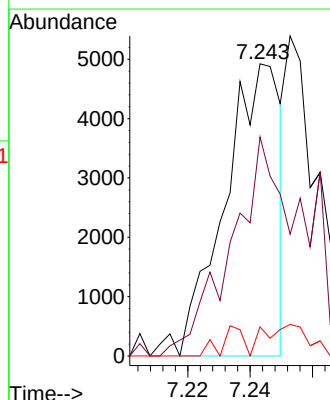
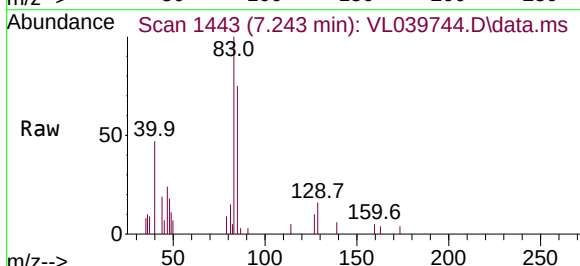
Tgt Ion: 83 Resp: 6054

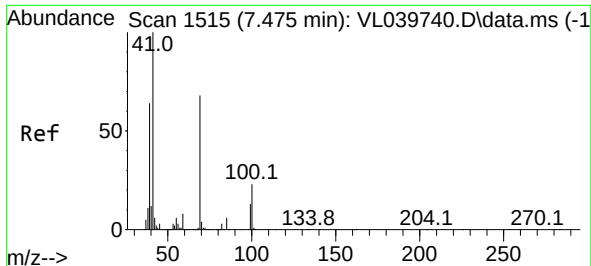
Ion Ratio Lower Upper

83 100

85 69.6 51.0 76.6

127 10.0 6.5 9.7#

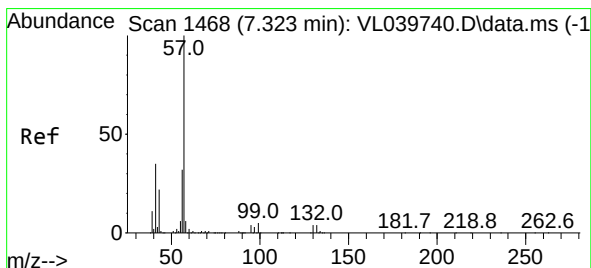
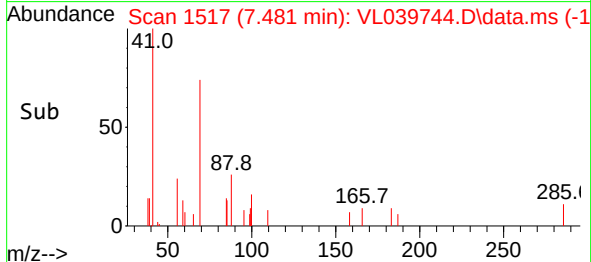
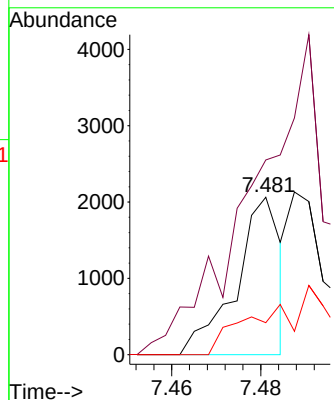
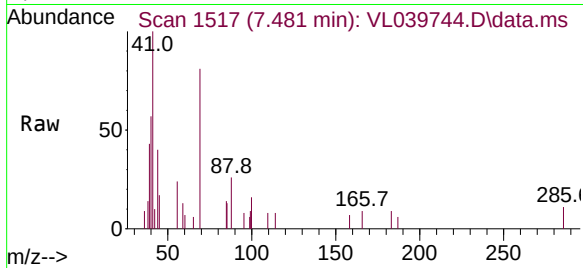




#43
Methyl Methacrylate
Concen: 0.019 ppbv
RT: 7.481 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

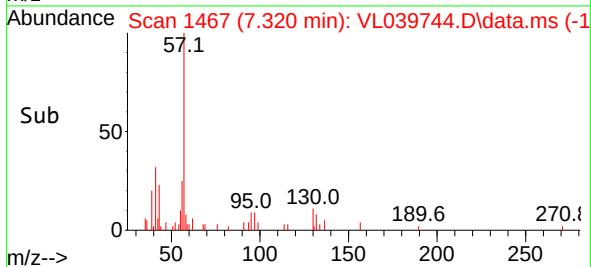
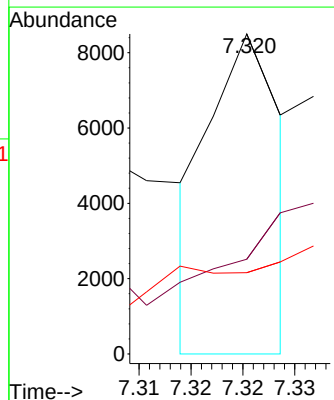
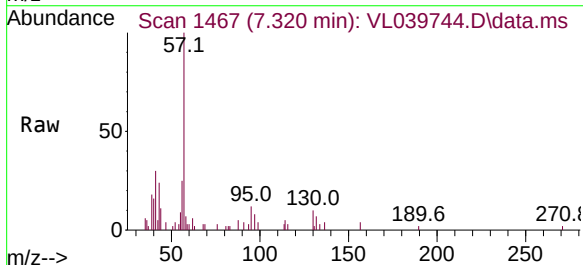
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

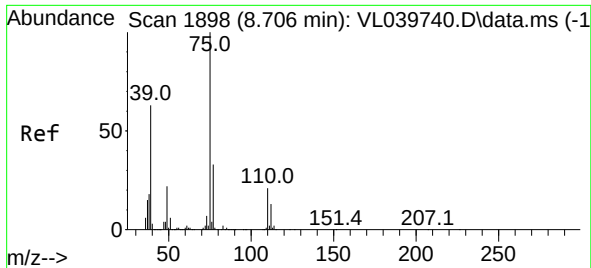
Tgt Ion: 69 Resp: 1432
Ion Ratio Lower Upper
69 100
41 0.0 124.6 186.8#
100 0.0 27.5 41.3#



#44
2,2,4-Trimethylpentane
Concen: 0.011 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 57 Resp: 4083
Ion Ratio Lower Upper
57 100
41 0.0 27.1 40.7#
56 0.0 25.2 37.8#

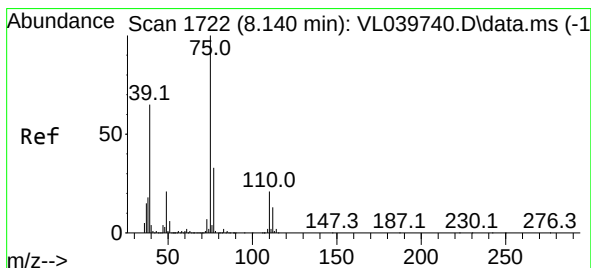
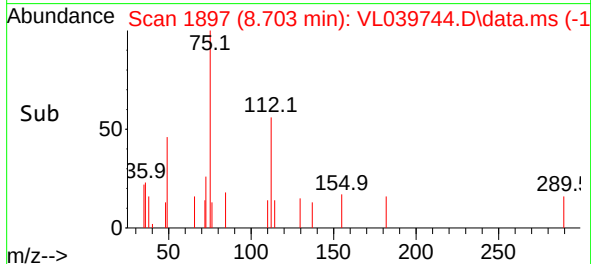
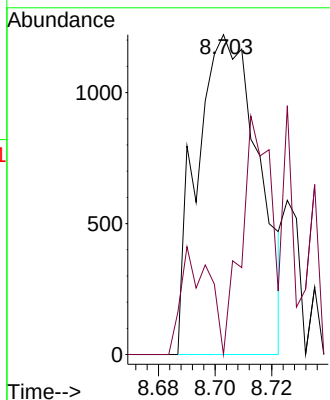
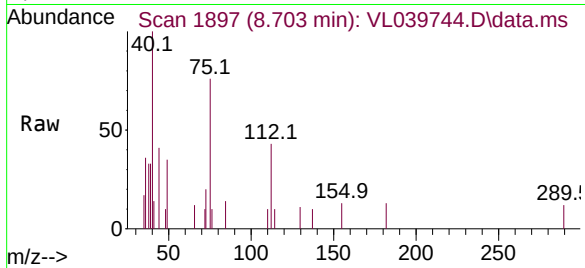




#45
 t-1,3-Dichloropropene
 Concen: 0.029 ppbv
 RT: 8.703 min Scan# 1898
 Delta R.T. -0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

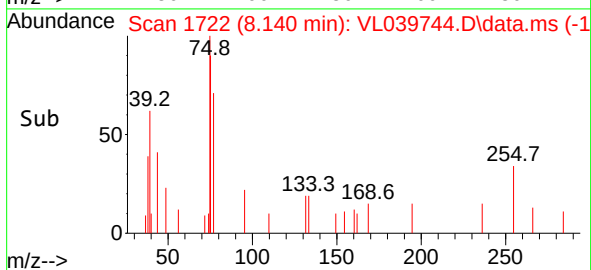
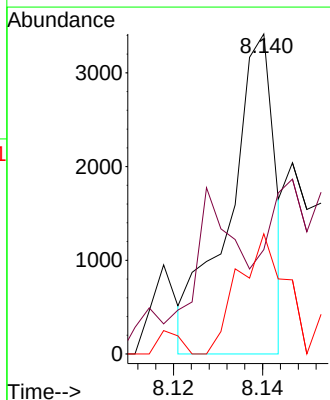
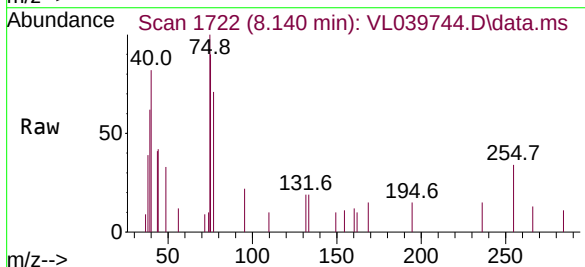
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

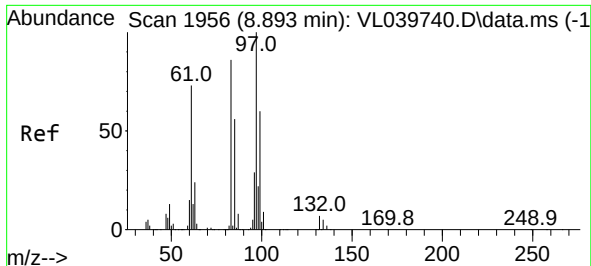
Tgt Ion: 75 Resp: 1843
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.6 39.8#



#46
 cis-1,3-Dichloropropene
 Concen: 0.027 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.000 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 75 Resp: 2458
 Ion Ratio Lower Upper
 75 100
 39 22.3 52.2 78.4#
 77 37.5 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 0.009 ppbv

RT: 8.883 min Scan# 1956

Delta R.T. -0.010 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

Tgt Ion: 97 Resp: 829

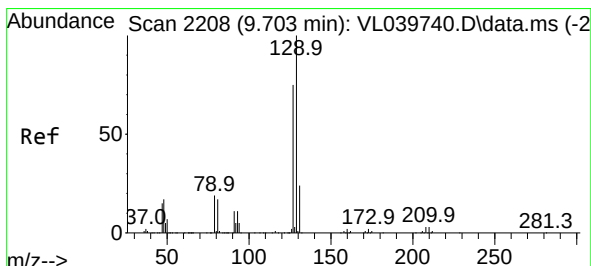
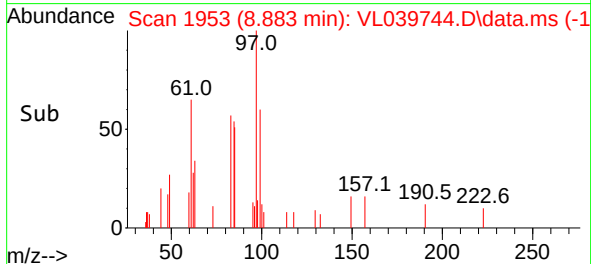
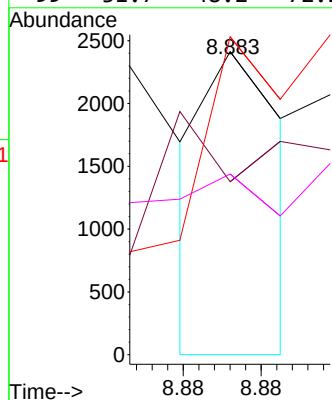
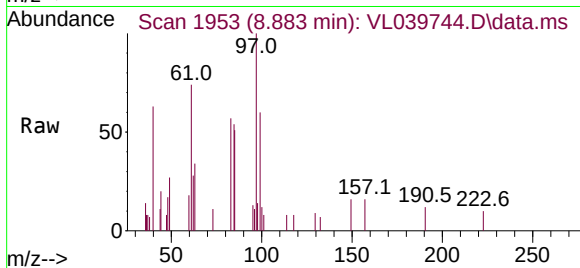
Ion Ratio Lower Upper

97 100

83 0.0 68.8 103.2#

85 154.5 44.8 67.2#

99 31.7 48.2 72.2#



#48

Dibromochloromethane

Concen: 0.015 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VL039744.D

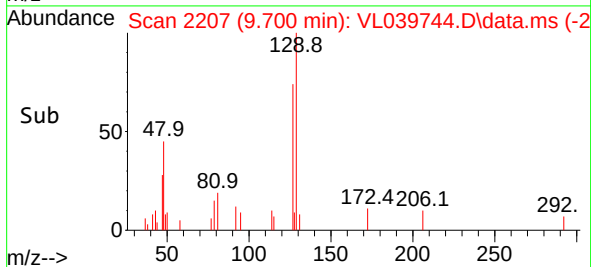
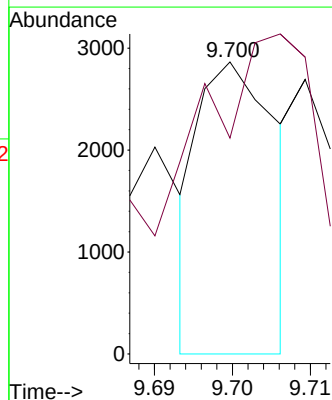
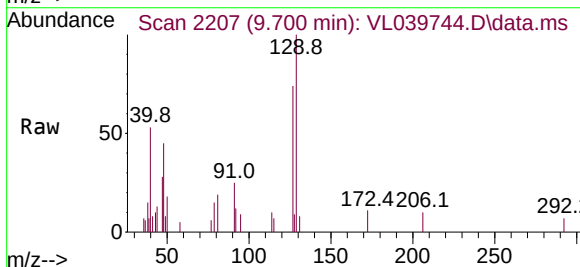
Acq: 21 Oct 2022 12:35

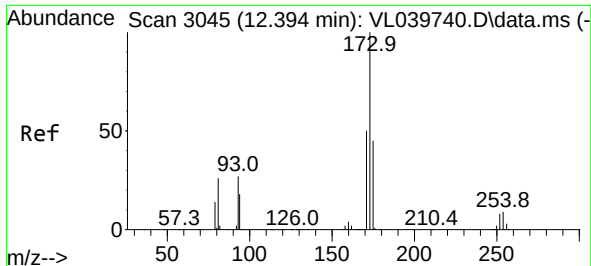
Tgt Ion: 129 Resp: 1969

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#

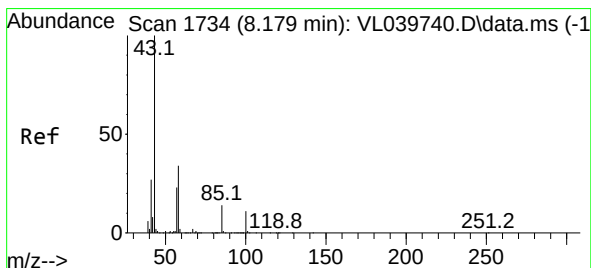
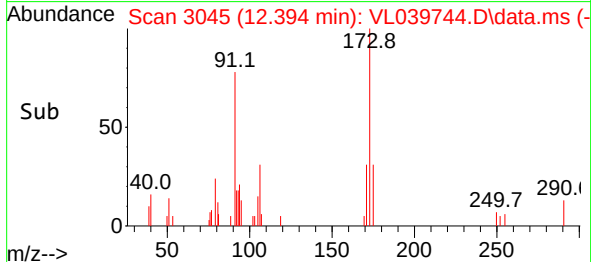
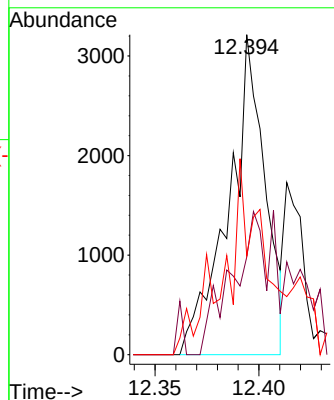
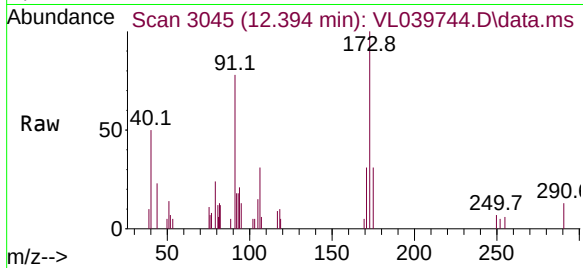




#49
Bromoform
Concen: 0.036 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

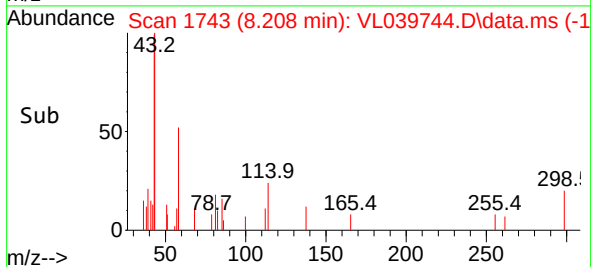
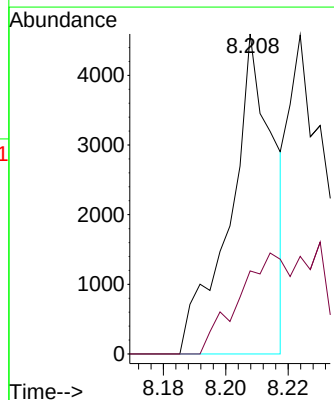
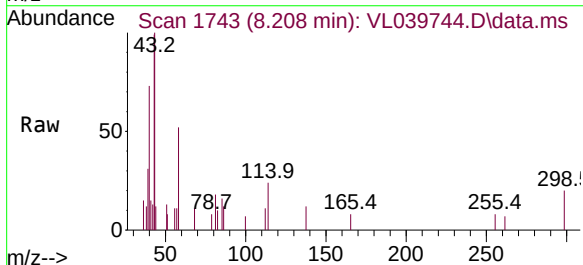
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

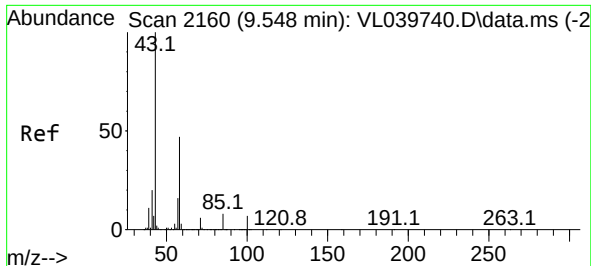
Tgt Ion:173 Resp: 3922
Ion Ratio Lower Upper
173 100
175 2.7 39.4 59.0#
171 79.1 41.6 62.4#



#50
4-Methyl-2-Pentanone
Concen: 0.021 ppbv
RT: 8.208 min Scan# 1743
Delta R.T. 0.029 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 43 Resp: 4394
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

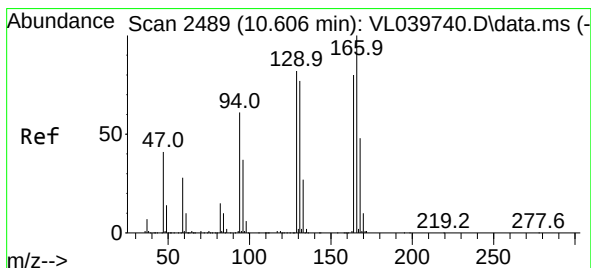
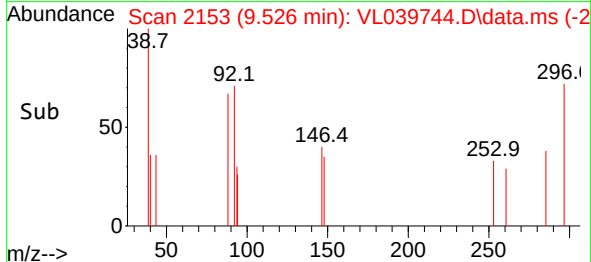
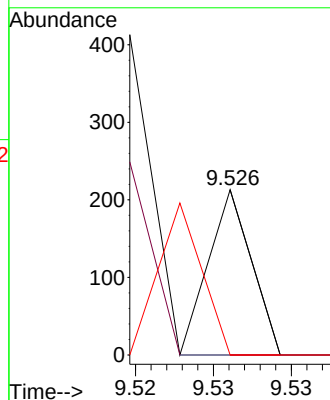
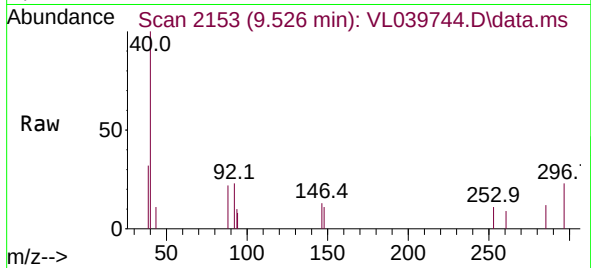




#51
2-Hexanone
Concen: 0.000 ppbv
RT: 9.526 min Scan# 2160
Delta R.T. -0.022 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

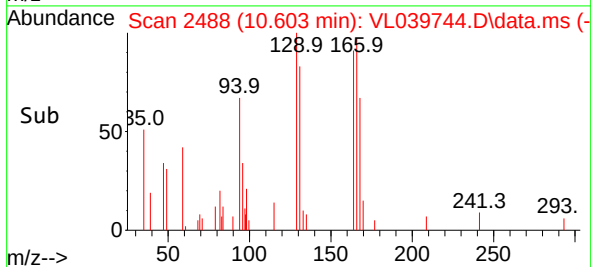
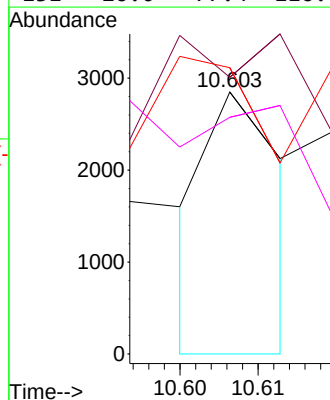
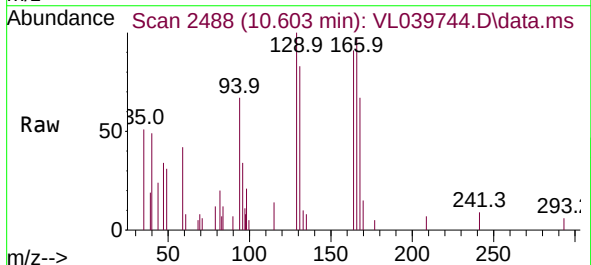
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

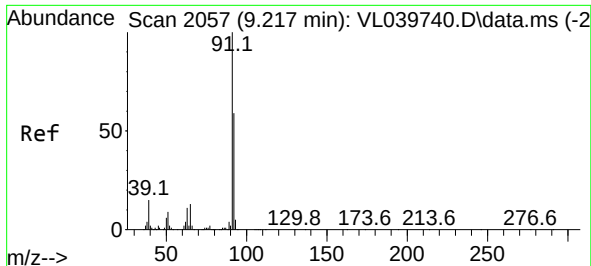
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4#
98 0.0 0.6 0.8#



#52
Tetrachloroethene
Concen: 0.012 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 164 Resp: 958
Ion Ratio Lower Upper
164 100
166 0.0 100.0 150.0#
129 82.9 82.1 123.1
131 26.0 77.4 116.0#

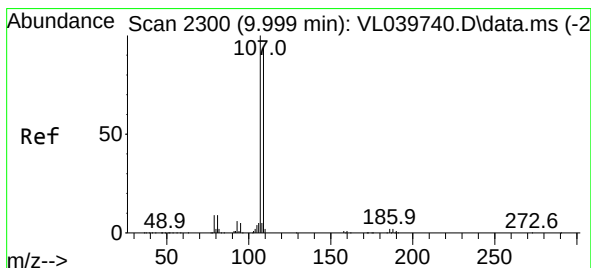
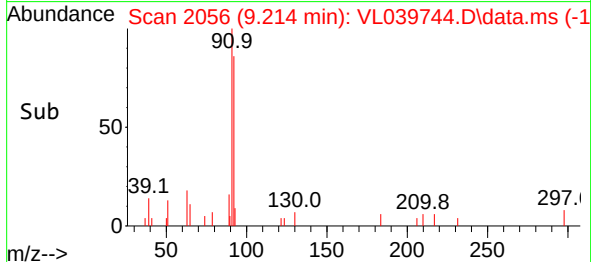
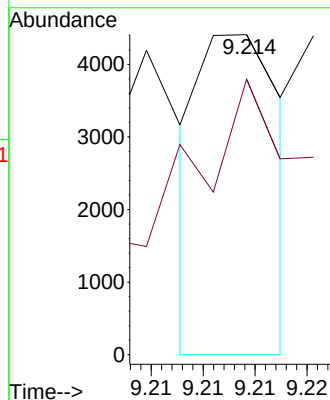
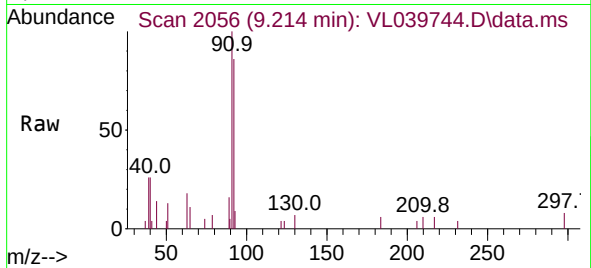




#53
Toluene
Concen: 0.010 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

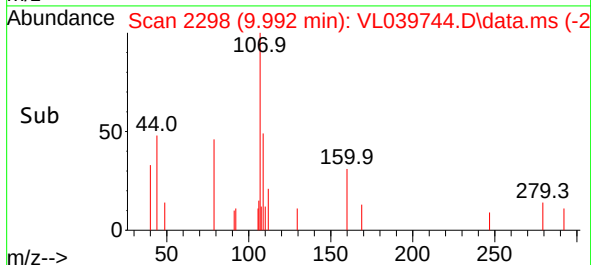
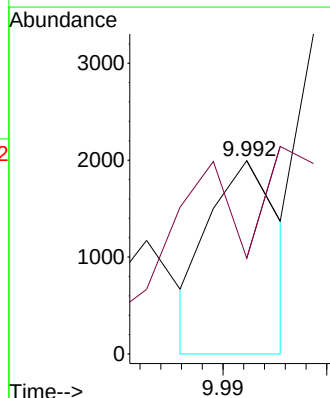
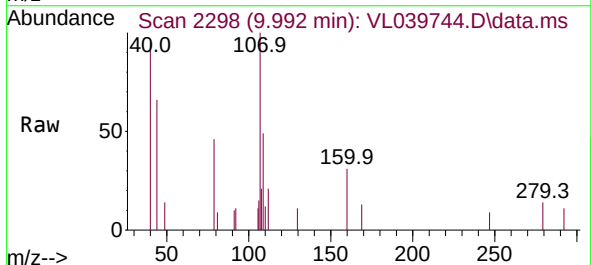
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

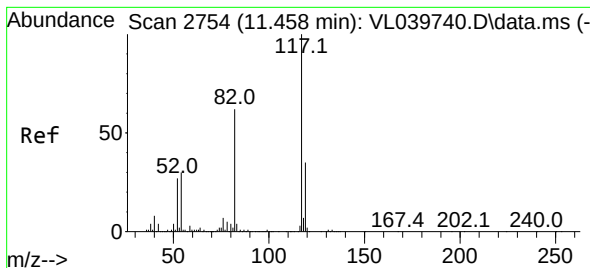
Tgt Ion: 91 Resp: 2383
Ion Ratio Lower Upper
91 100
92 283.7 47.7 71.5#



#54
1,2-Dibromoethane
Concen: 0.011 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 107 Resp: 939
Ion Ratio Lower Upper
107 100
109 0.0 75.2 112.8#

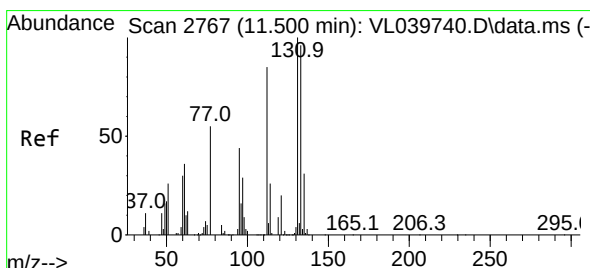
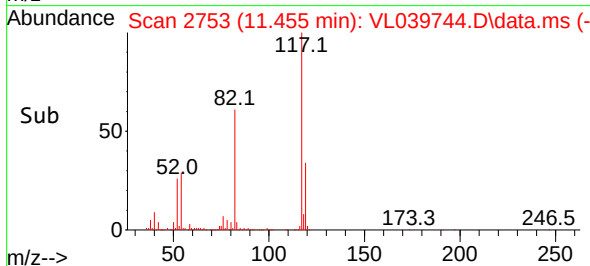
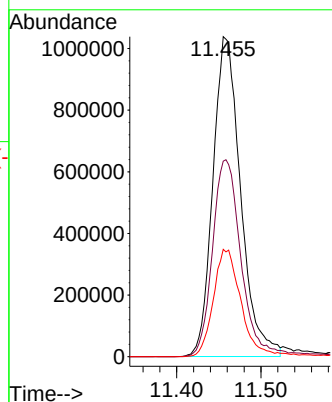
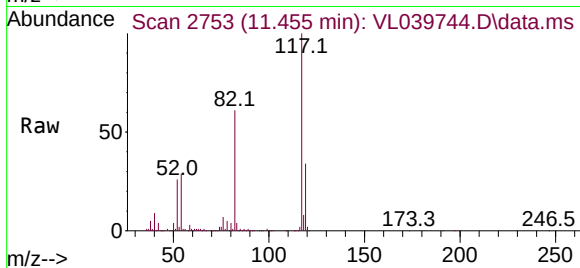




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

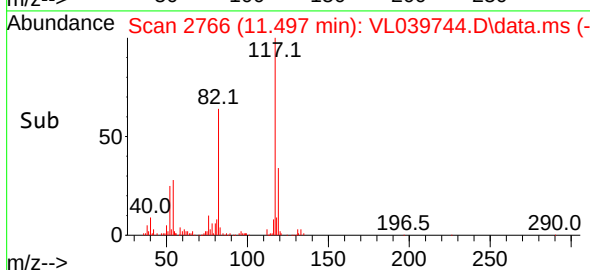
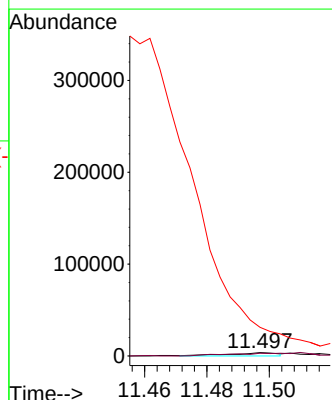
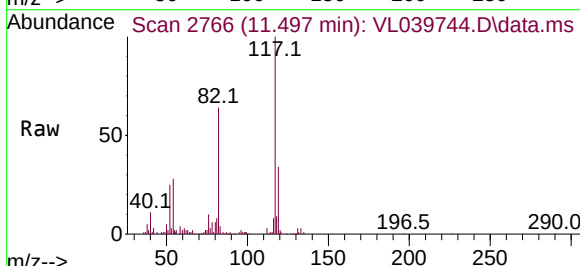
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

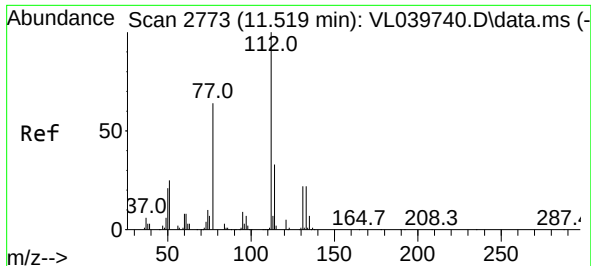
Tgt Ion:117 Resp: 2369718
Ion Ratio Lower Upper
117 100
82 65.3 51.4 77.0
119 34.4 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.040 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion:131 Resp: 3845
Ion Ratio Lower Upper
131 100
133 0.0 77.2 115.8#
119 0.0 55.5 83.3#

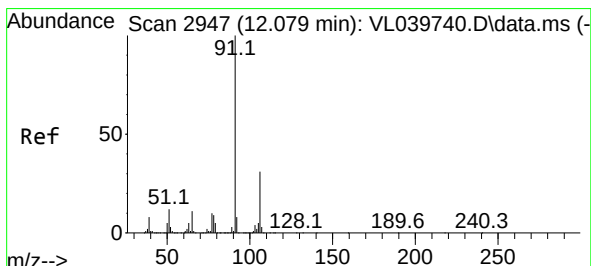
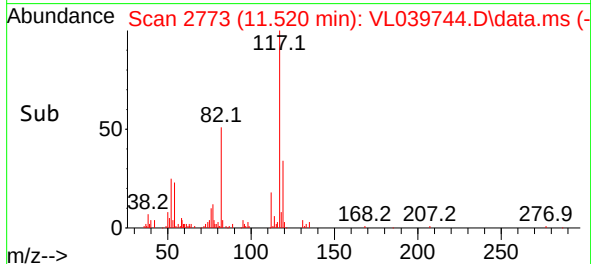
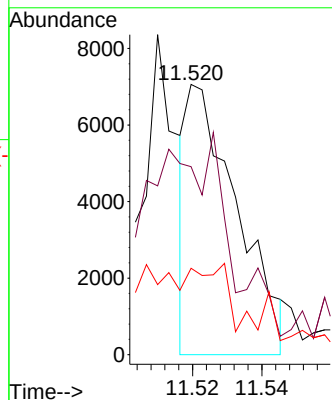
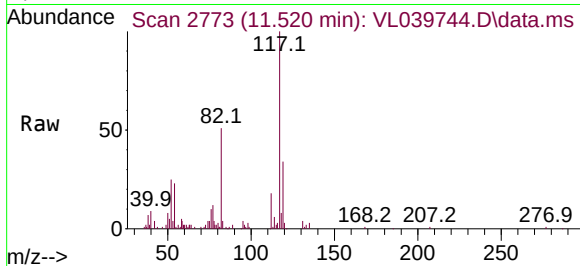




#57
Chlorobenzene
Concen: 0.041 ppbv
RT: 11.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

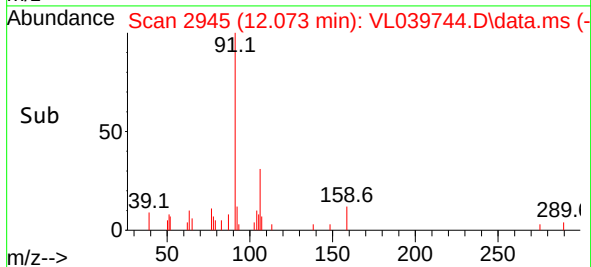
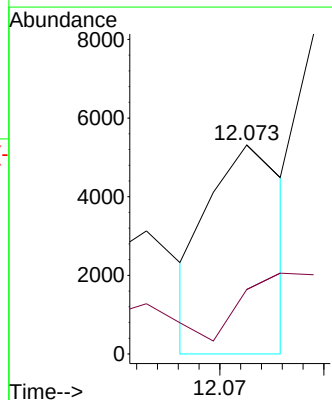
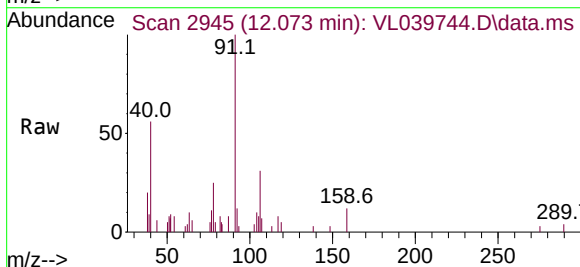
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

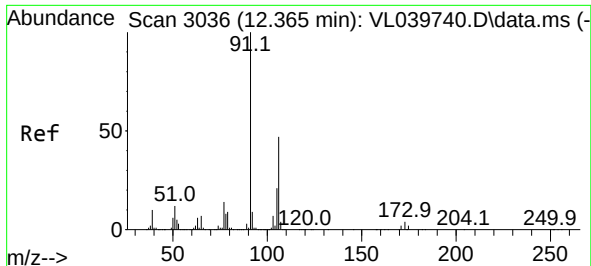
Tgt Ion:112 Resp: 7140
Ion Ratio Lower Upper
112 100
77 104.2 51.4 77.2#
114 33.7 30.0 36.6



#58
Ethyl Benzene
Concen: 0.010 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.006 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 91 Resp: 2684
Ion Ratio Lower Upper
91 100
106 28.4 24.6 36.8





#59

m/p-Xylene

Concen: 0.007 ppbv

RT: 12.359 min Scan# 3036

Delta R.T. -0.006 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_1

ClientSampleId :

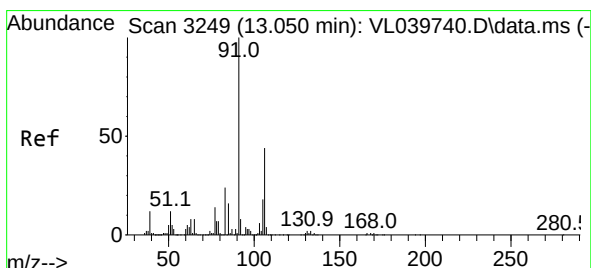
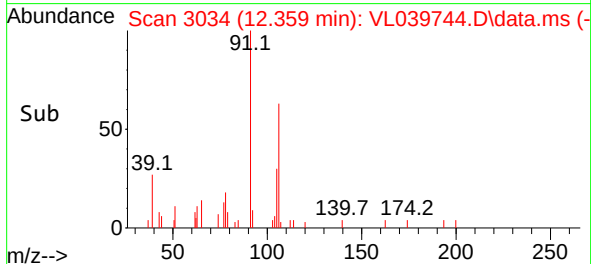
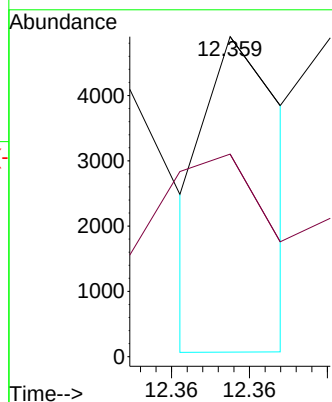
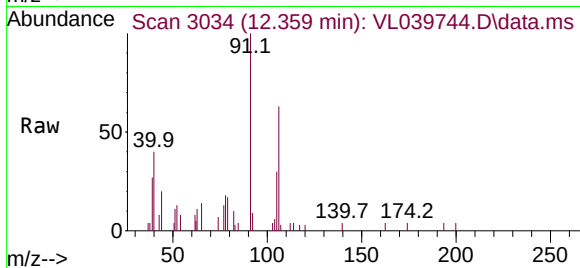
VSTDIC0.1

Tgt Ion: 91 Resp: 1661

Ion Ratio Lower Upper

91 100

106 359.8 36.2 54.4#



#60

o-Xylene

Concen: 0.018 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VL039744.D

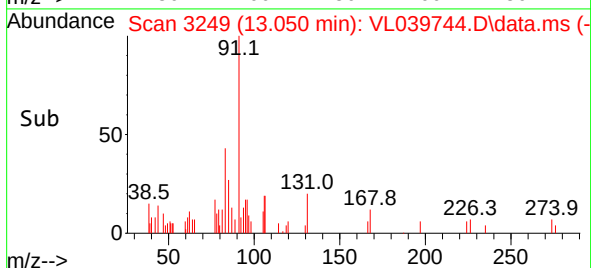
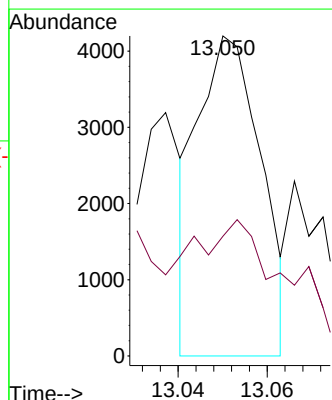
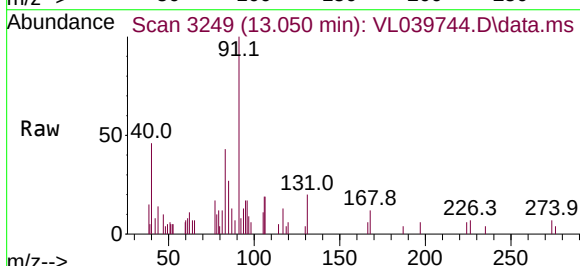
Acq: 21 Oct 2022 12:35

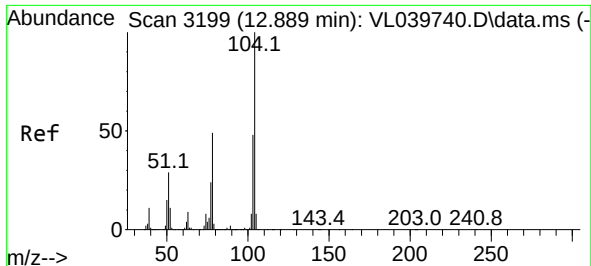
Tgt Ion: 91 Resp: 4143

Ion Ratio Lower Upper

91 100

106 99.1 22.4 67.0#

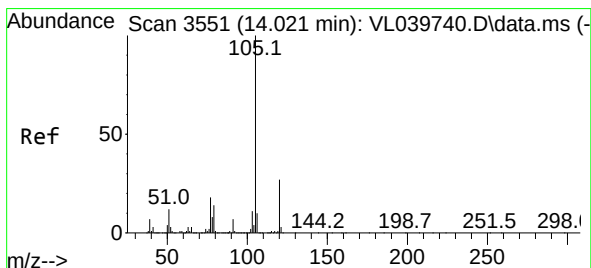
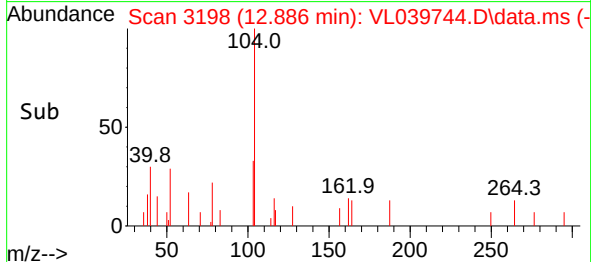
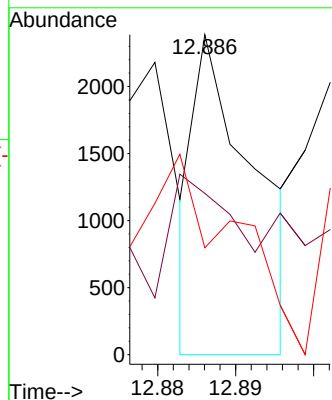
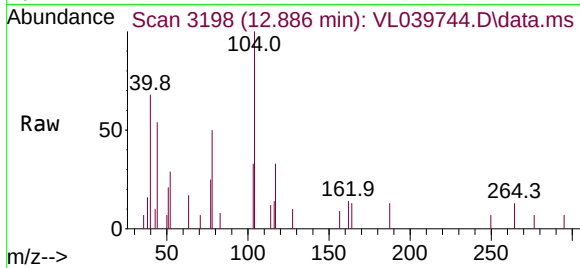




#61
Styrene
Concen: 0.010 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

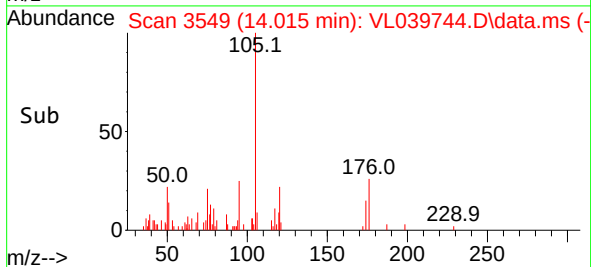
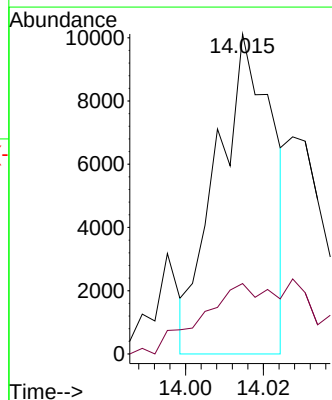
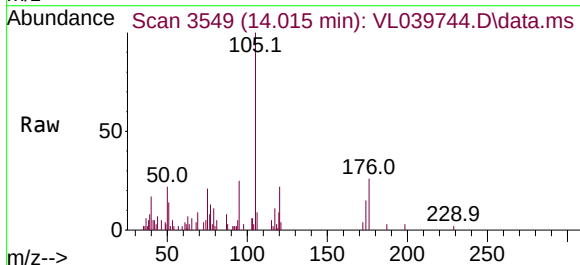
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

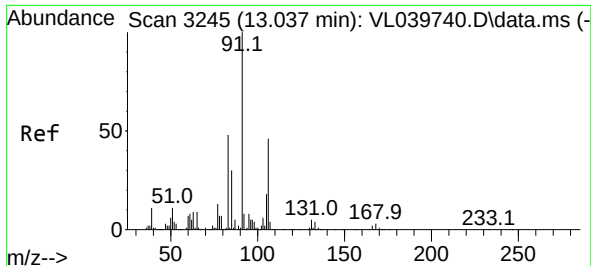
Tgt Ion:104 Resp: 1268
Ion Ratio Lower Upper
104 100
78 236.4 39.6 59.4#
103 207.6 38.1 57.1#



#62
Isopropylbenzene
Concen: 0.029 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.006 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion:105 Resp: 10114
Ion Ratio Lower Upper
105 100
120 0.0 20.2 30.4#

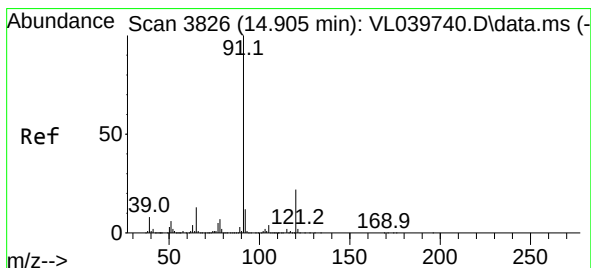
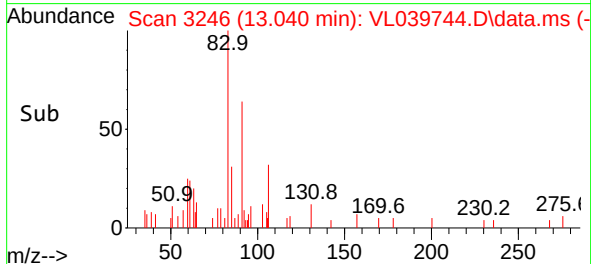
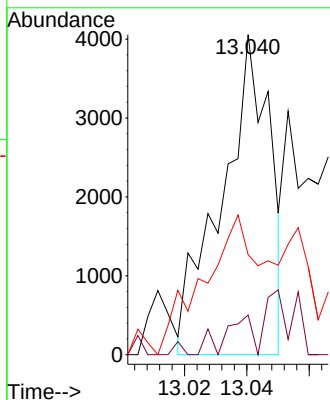
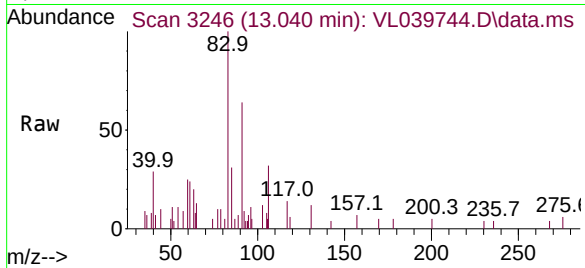




#63
1,1,2,2-Tetrachloroethane
Concen: 0.050 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

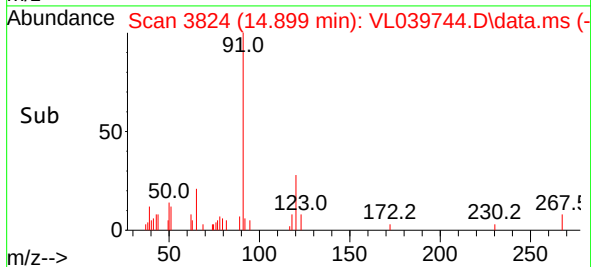
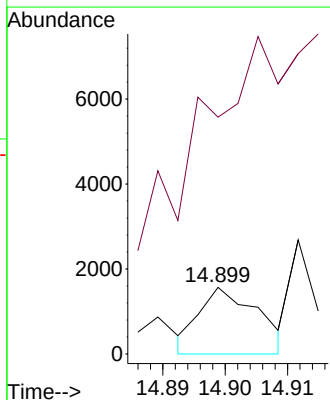
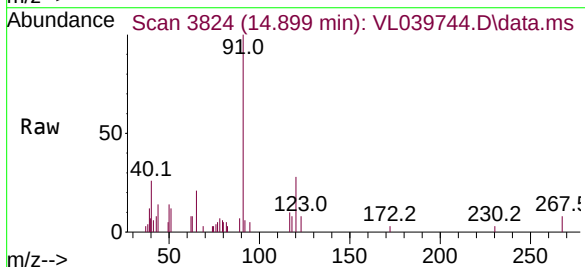
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

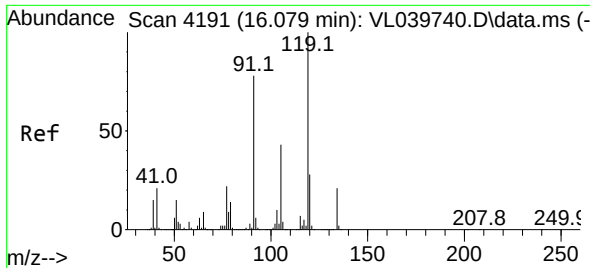
Tgt Ion: 83 Resp: 4385
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 111.7 32.8 98.4#



#64
n-propylbenzene
Concen: 0.012 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.006 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 120 Resp: 1025
Ion Ratio Lower Upper
120 100
91 0.0 376.2 564.2#

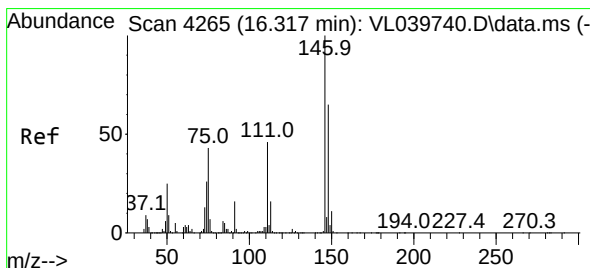
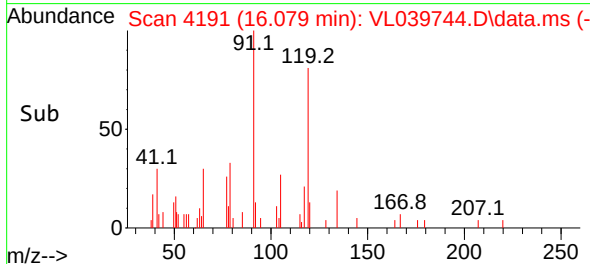
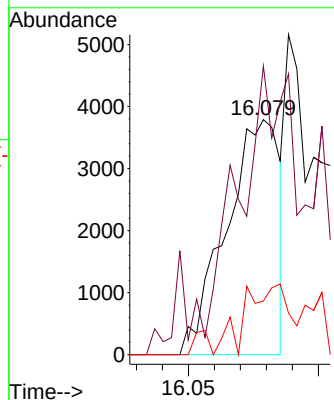
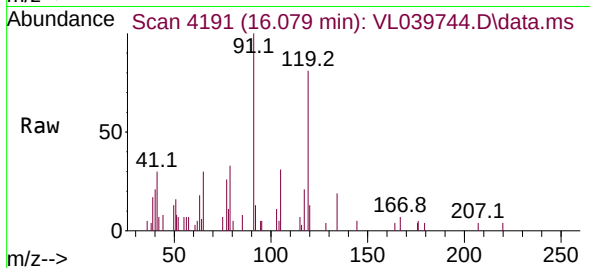




#65
tert-Butylbenzene
Concen: 0.018 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

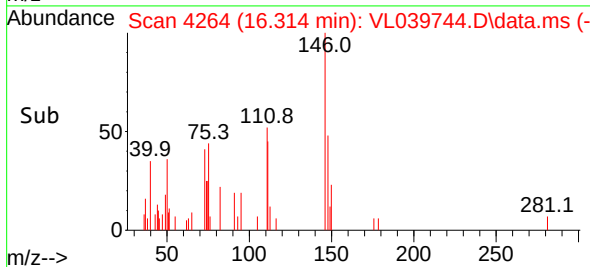
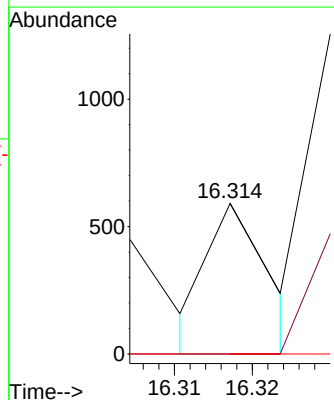
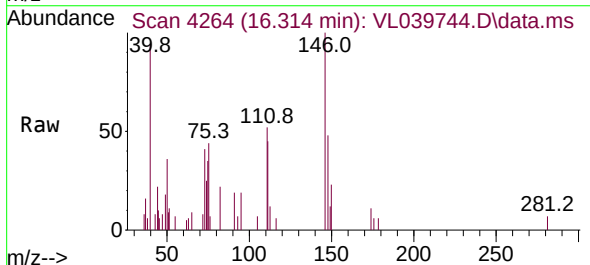
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

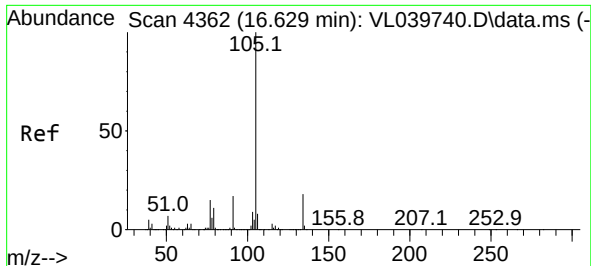
Tgt Ion:119 Resp: 5391
Ion Ratio Lower Upper
119 100
91 244.6 64.2 96.2#
134 0.0 15.5 23.3#



#66
Benzyl Chloride
Concen: 0.008 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 91 Resp: 160
Ion Ratio Lower Upper
91 100
126 0.0 12.6 18.8#
128 0.0 4.2 6.2#

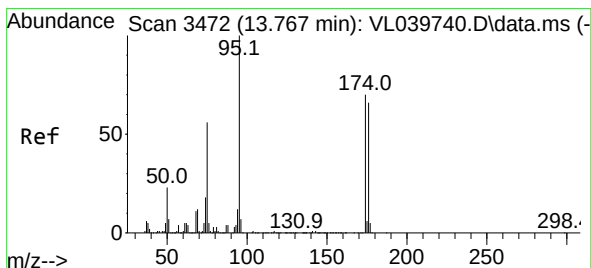
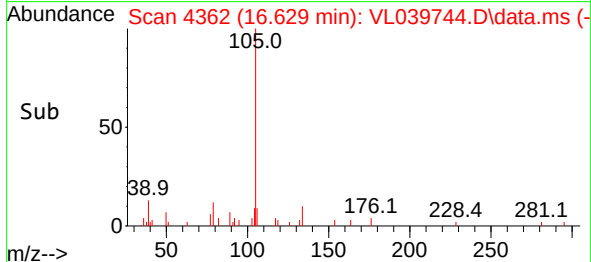
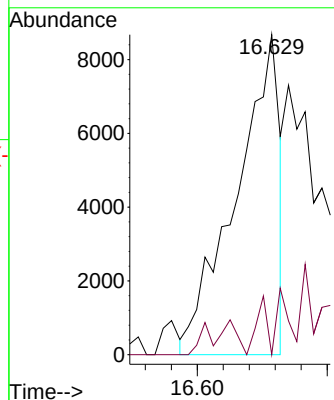
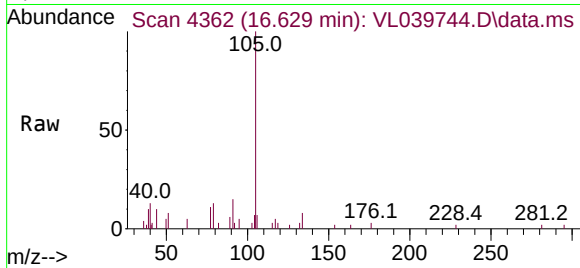




#67
 sec-Butylbenzene
 Concen: 0.024 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

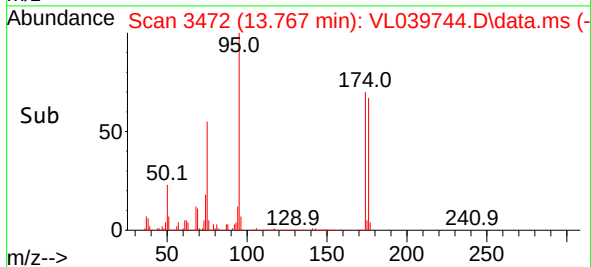
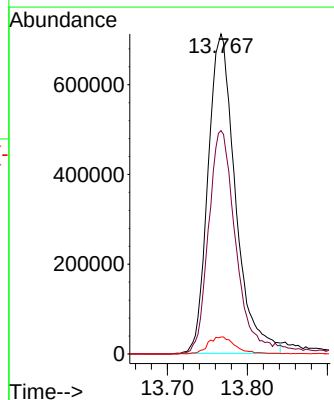
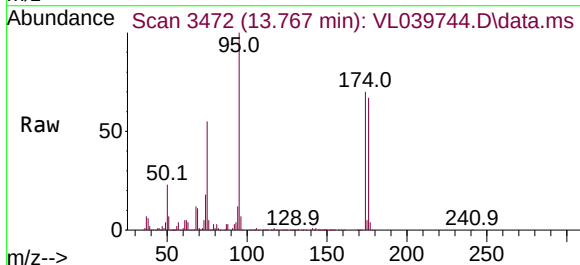
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

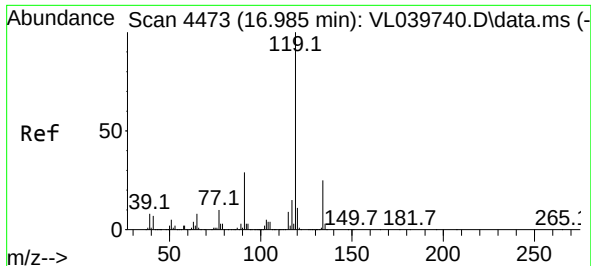
Tgt Ion:105 Resp: 10075
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.2 21.4#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.084 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion: 95 Resp: 1696320
 Ion Ratio Lower Upper
 95 100
 174 72.8 56.5 84.7
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.013 ppbv

RT: 16.979 min Scan# 4473

Delta R.T. -0.006 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

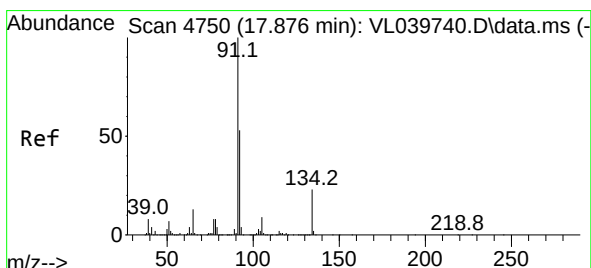
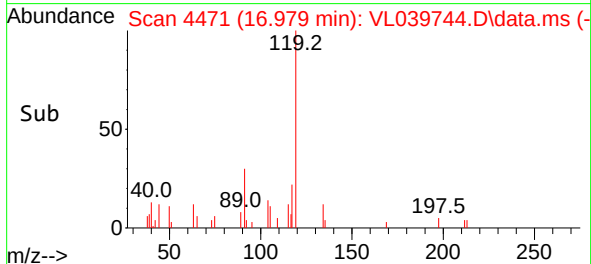
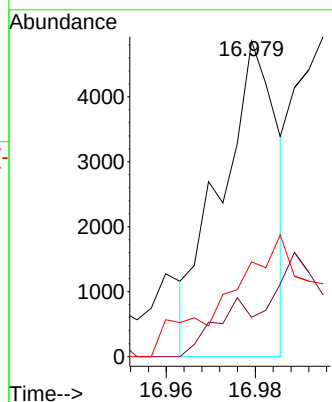
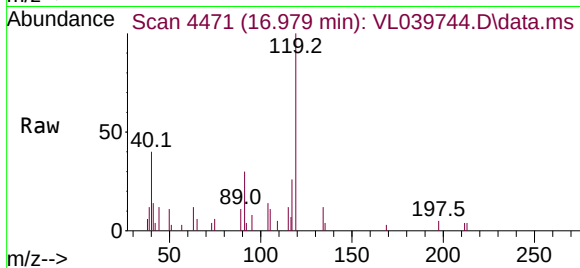
Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion:	119	Resp:	4280
Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.8#
91	0.0	22.7	34.1#



#70

n-Butylbenzene

Concen: 0.016 ppbv

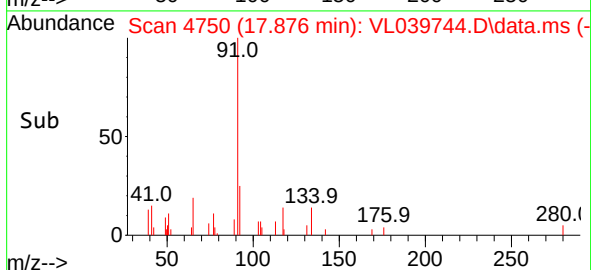
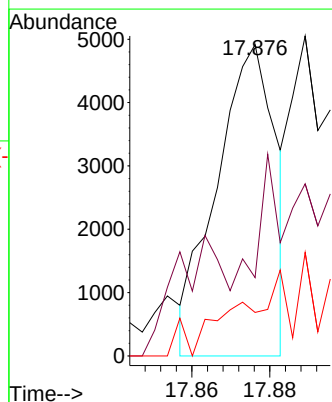
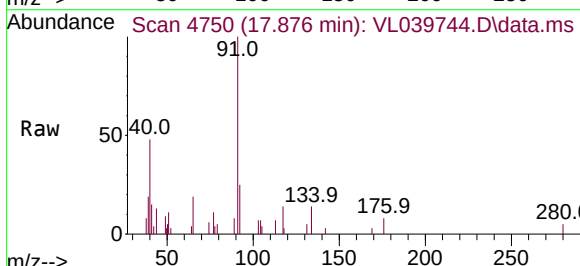
RT: 17.876 min Scan# 4750

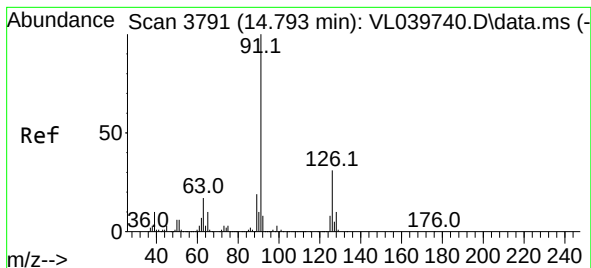
Delta R.T. 0.000 min

Lab File: VL039744.D

Acq: 21 Oct 2022 12:35

Tgt Ion:	91	Resp:	5156
Ion	Ratio	Lower	Upper
91	100		
92	153.0	43.3	64.9#
134	0.0	18.4	27.6#

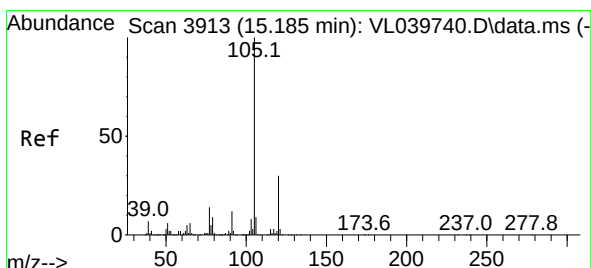
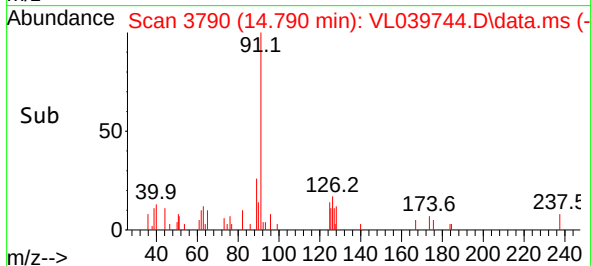
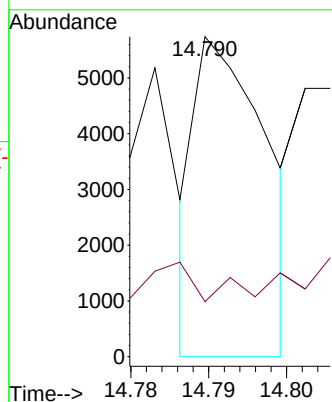
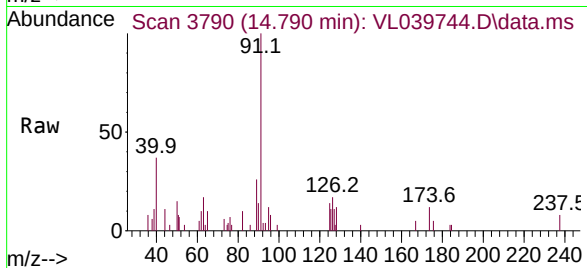




#71
2-Chlorotoluene
Concen: 0.015 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

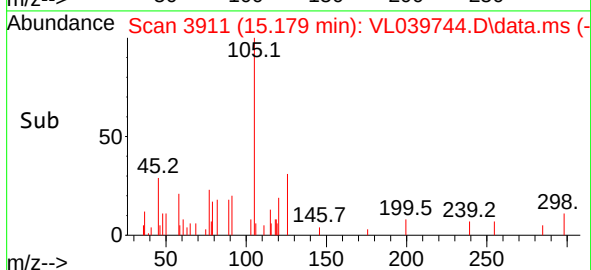
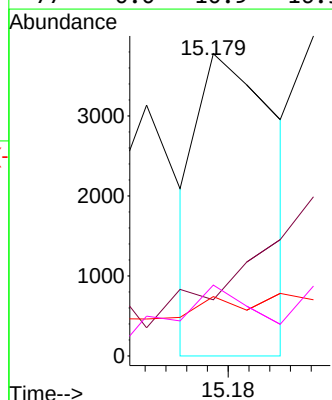
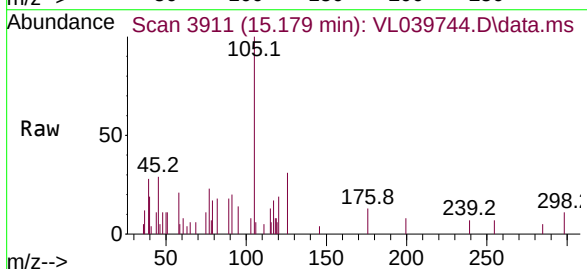
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

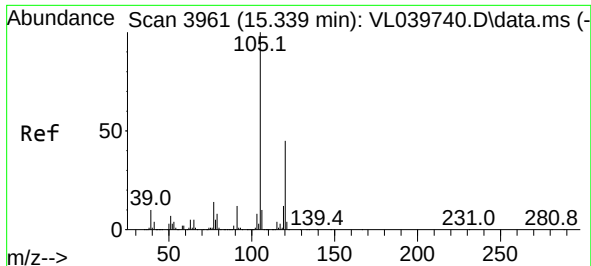
Tgt Ion: 91 Resp: 3613
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.7#



#72
4-Ethyltoluene
Concen: 0.008 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.006 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 105 Resp: 1953
Ion Ratio Lower Upper
105 100
120 0.0 23.9 35.9#
91 0.0 10.3 15.5#
77 0.0 10.9 16.3#

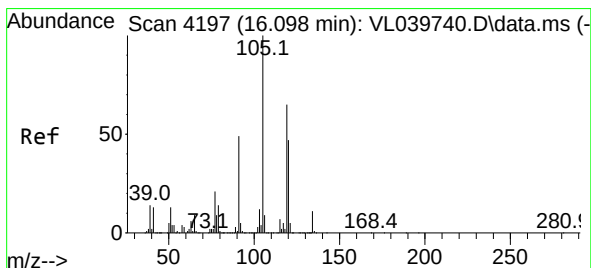
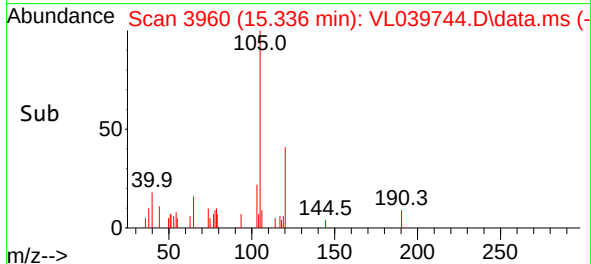
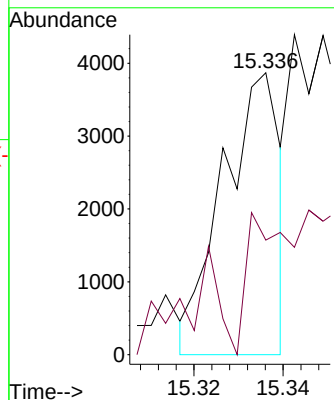
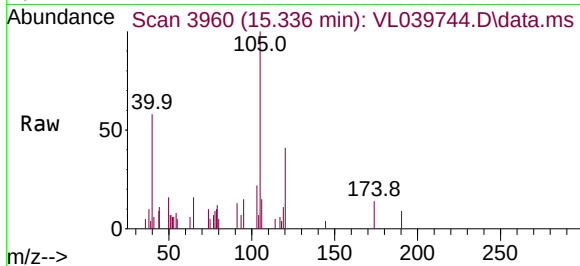




#73
 1,3,5-Trimethylbenzene
 Concen: 0.014 ppbv
 RT: 15.336 min Scan# 3960
 Delta R.T. -0.003 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

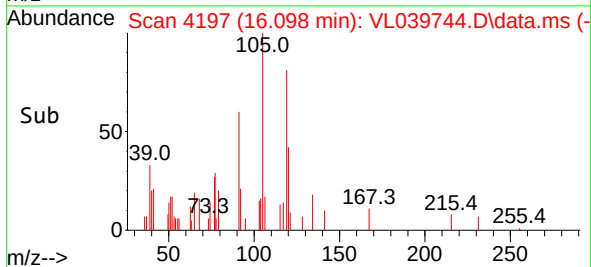
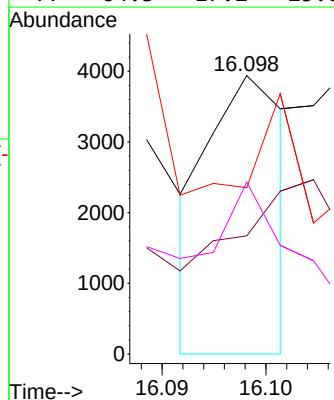
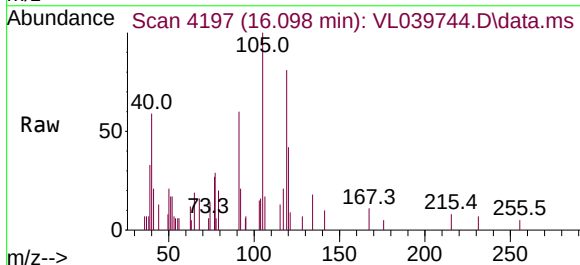
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

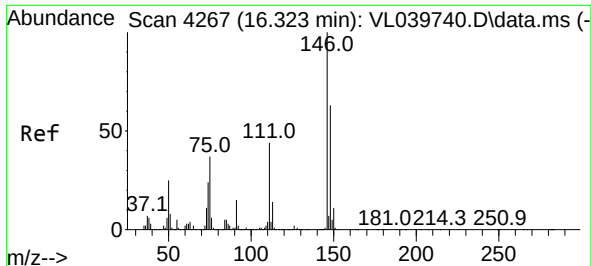
Tgt Ion:105 Resp: 3426
 Ion Ratio Lower Upper
 105 100
 120 23.5 35.6 53.4#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.008 ppbv
 RT: 16.098 min Scan# 4197
 Delta R.T. 0.000 min
 Lab File: VL039744.D
 Acq: 21 Oct 2022 12:35

Tgt Ion:105 Resp: 2033
 Ion Ratio Lower Upper
 105 100
 120 29.5 37.6 56.4#
 91 6.3 40.1 60.1#
 77 64.3 17.2 25.8#

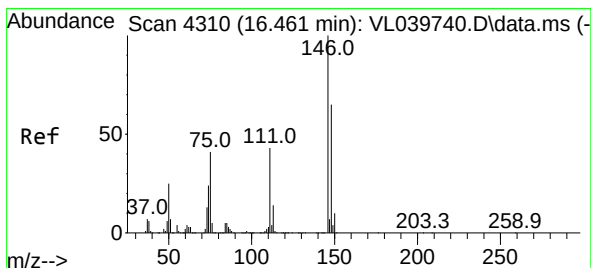
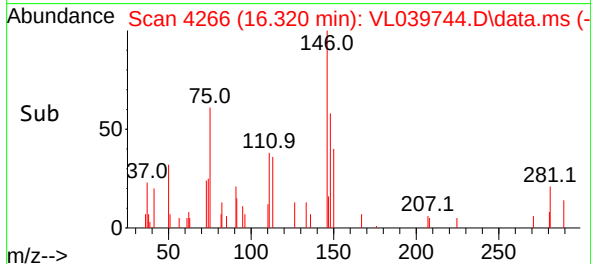
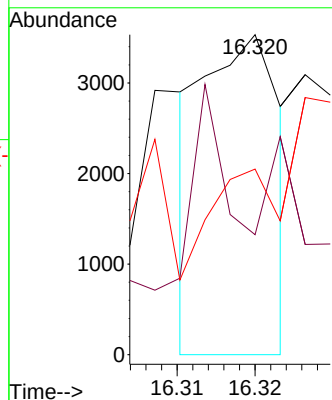
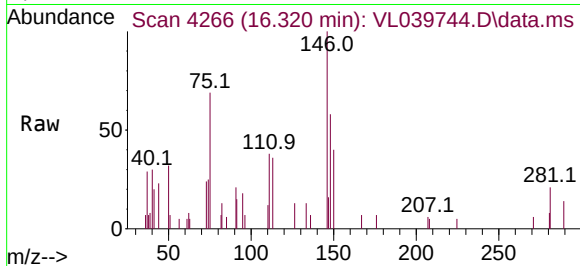




#75
1,3-Dichlorobenzene
Concen: 0.015 ppbv
RT: 16.320 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

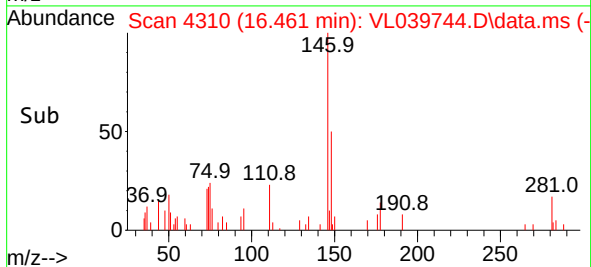
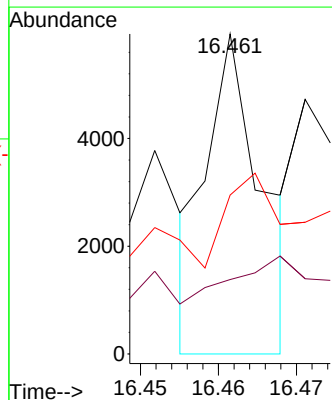
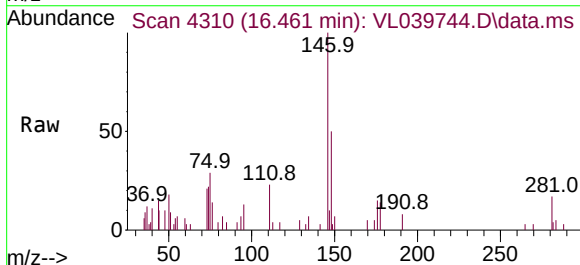
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

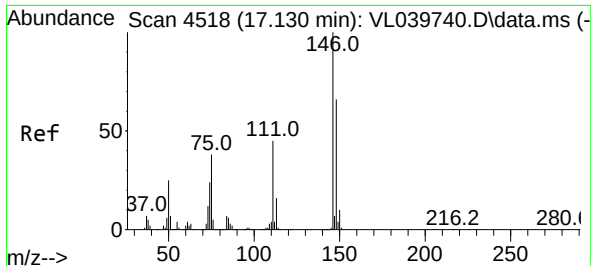
Tgt Ion:146 Resp: 2421
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.3#
148 0.0 32.6 97.7#



#76
1,4-Dichlorobenzene
Concen: 0.019 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion:146 Resp: 2919
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.5#
148 0.0 33.2 99.6#

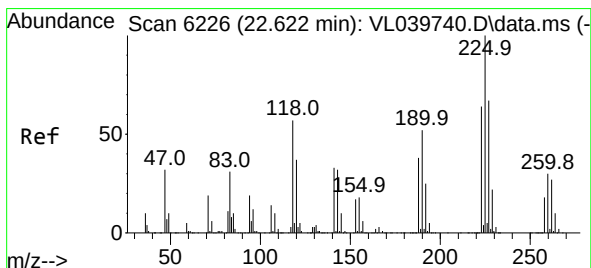
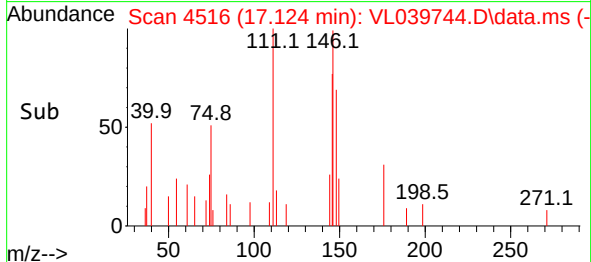
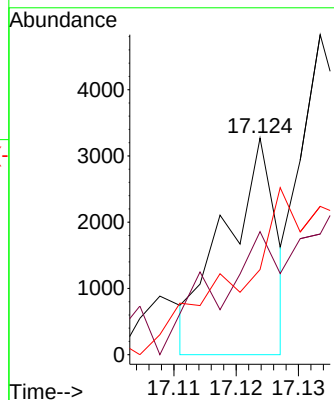
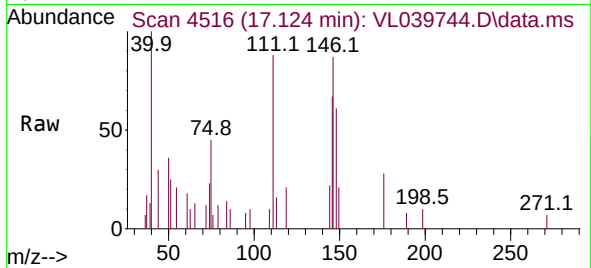




#77
1,2-Dichlorobenzene
Concen: 0.012 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. -0.006 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

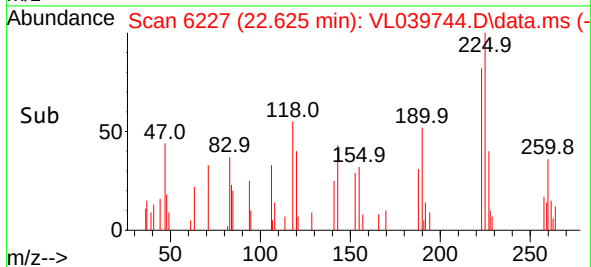
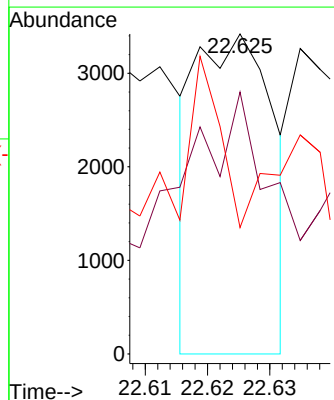
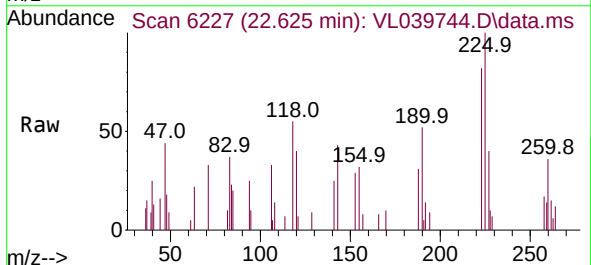
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

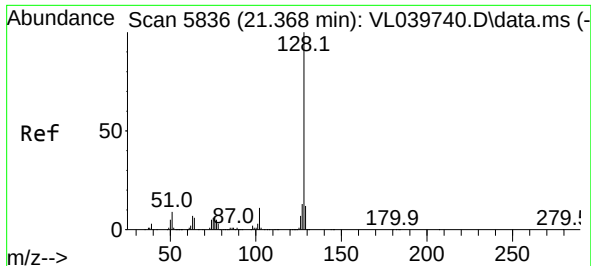
Tgt Ion:146 Resp: 1878
Ion Ratio Lower Upper
146 100
111 0.0 23.6 70.8#
148 0.0 32.8 98.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.026 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion:225 Resp: 2921
Ion Ratio Lower Upper
225 100
223 227.0 52.4 78.6#
227 230.6 52.7 79.1#

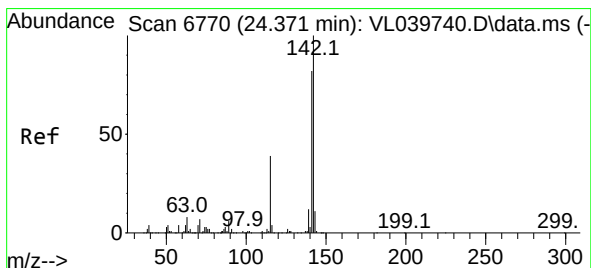
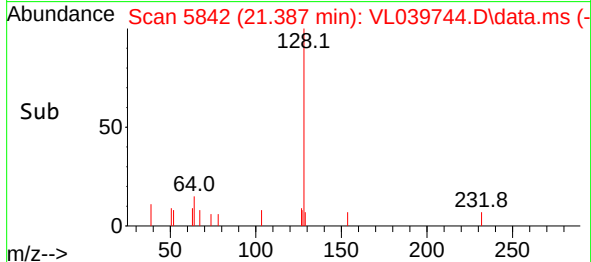
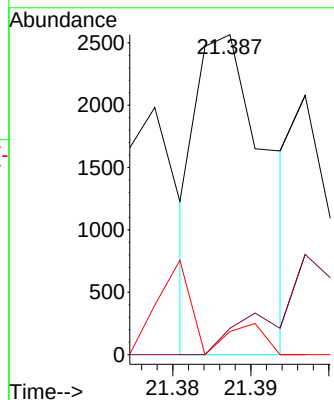
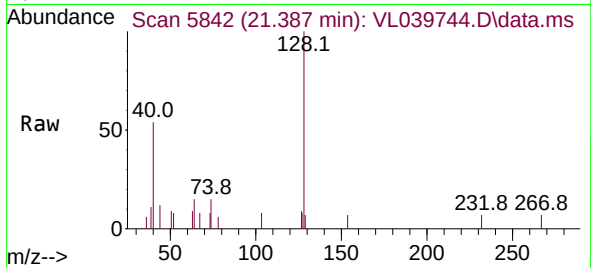




#79
Naphthalene
Concen: 0.010 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. 0.019 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

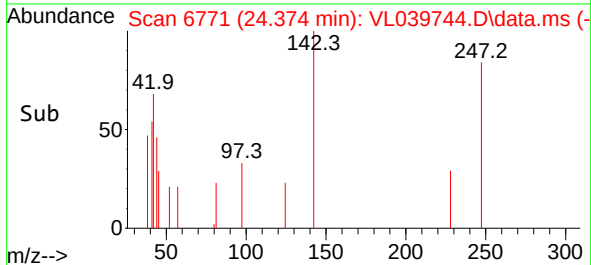
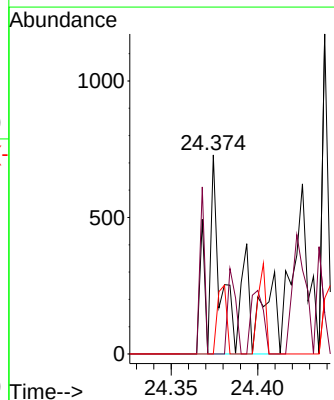
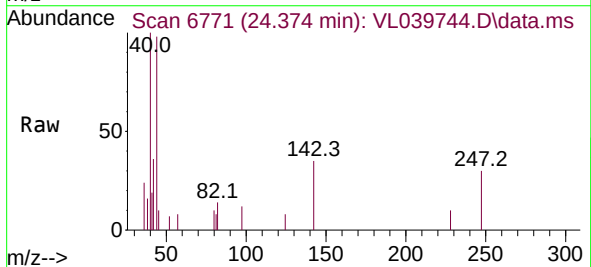
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

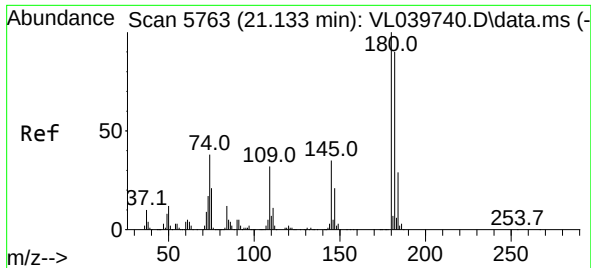
Tgt Ion:	128	Resp:	1603
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	12.2	9.4	14.0



#80
Naphthalene, 2-methyl-
Concen: 0.014 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion:	142	Resp:	663
Ion	Ratio	Lower	Upper
142	100		
141	32.9	70.0	105.0#
115	0.0	32.5	48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.010 ppbv

RT: 21.124 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL039744.D

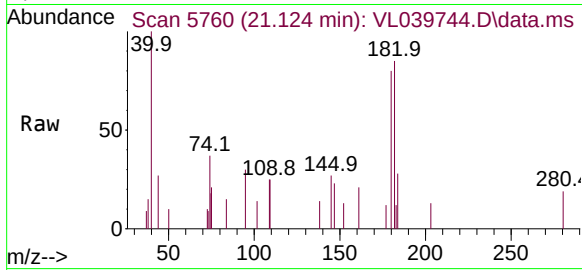
Acq: 21 Oct 2022 12:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 990

Ion Ratio Lower Upper

180 100

182 0.0 0.0 0.0

184 0.0 0.0 0.0

