

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039745.D
 Acq On : 21 Oct 2022 13:12
 Operator : SY/AP
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Quant Time: Oct 22 03:04:44 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	5.201	49	994776	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2683830	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2319941	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1639724	9.957	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.874	85	4429	0.027	ppbv	99
3) Chlorodifluoromethane	2.697	51	3342	0.026	ppbv	97
4) Chloromethane	2.832	50	1061	0.013	ppbv #	65
5) Vinyl Chloride	2.938	62	607	0.010	ppbv #	46
6) Bromomethane	3.150	94	108	0.005	ppbv	82
7) Chloroethane	3.218	64	251	0.011	ppbv	98
8) Dichlorotetrafluoroethane	2.874	85	4429	0.029	ppbv	89
9) Propene	2.719	41	1838	0.032	ppbv #	16
10) Heptane	7.590	43	448	0.003	ppbv #	27
11) Trichlorofluoromethane	3.581	101	2050	0.013	ppbv #	60
12) 1,1,2-Trichlorotrifluo...	4.086	101	627	0.005	ppbv #	13
13) Ethanol	3.272	45	479	0.121	ppbv #	61
14) Bromoethene	3.388	108	321	0.007	ppbv #	4
15) Acetone	3.507	43	3126	0.026	ppbv #	49
16) 1,3-Butadiene	3.002	39	1521	0.025	ppbv	83
17) tert-Butyl alcohol	3.906	59	93	0.001	ppbv #	1
18) 1,1-Dichloroethene	3.893	96	1005	0.019	ppbv #	21
19) Isopropyl Alcohol	3.581	45	159	0.003	ppbv #	1
20) Methylene Chloride	3.951	84	7173	0.149	ppbv #	68
21) Allyl Chloride	4.012	41	875	0.011	ppbv #	1
22) trans-1,2-Dichloroethene	4.465	96	831	0.015	ppbv #	18
23) Vinyl Acetate	4.636	43	462	0.009	ppbv #	1
24) 1,1-Dichloroethane	4.578	63	907	0.008	ppbv #	89
25) Ethyl Acetate	5.224	43	1024	0.004	ppbv #	56
26) Hexane	5.227	57	1156	0.012	ppbv #	1
27) Carbon Disulfide	4.140	76	1669	0.014	ppbv #	64
28) Methyl tert-Butyl Ether	4.613	73	642	0.007	ppbv #	51
29) Chloroform	5.324	83	110	0.001	ppbv	94
30) Cyclohexane	6.600	84	468	0.006	ppbv #	1
31) cis-1,2-Dichloroethene	5.095	61	663	0.008	ppbv #	30
32) 1,1,1-Trichloroethane	6.021	97	679	0.005	ppbv #	20
34) 2-Butanone	4.787	43	117	0.001	ppbv #	55
35) Carbon Tetrachloride	6.475	117	586	0.004	ppbv	93
36) Benzene	6.369	78	2393	0.012	ppbv #	84
37) 1,2-Dichloroethane	5.816	62	1906	0.017	ppbv #	80
38) Trichloroethene	7.285	130	1601	0.015	ppbv #	27
39) 1,2-Dichloropropane	6.655	63	662106	8.521	ppbv #	24
40) 1,4-Dioxane	7.291	88	49	0.002	ppbv #	1
41) Tetrahydrofuran	5.529	42	54	0.001	ppbv #	38
42) Bromodichloromethane	7.243	83	2452	0.016	ppbv #	74
43) Methyl Methacrylate	7.471	69	132	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	3435	0.010	ppbv #	42
45) t-1,3-Dichloropropene	8.709	75	148	0.002	ppbv	93

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 ALS Vial : 1 Sample Multiplier: 1

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 ClientSampleId :
 VSTDICC0.03

Quant Time: Oct 22 03:04:44 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.143	75	434	0.005	ppbv	#	84
47) 1,1,2-Trichloroethane	8.893	97	1235	0.015	ppbv	#	51
48) Dibromochloromethane	10.034	129	66	0.001	ppbv		62
49) Bromoform	12.397	173	447	0.004	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.192	43	186	0.001	ppbv	#	40
51) 2-Hexanone	9.558	43	228	0.002	ppbv	#	30
52) Tetrachloroethene	10.606	164	304	0.004	ppbv	#	1
53) Toluene	9.221	91	1644	0.008	ppbv	#	21
54) 1,2-Dibromoethane	9.999	107	337	0.004	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	11.494	131	985	0.010	ppbv	#	7
57) Chlorobenzene	11.526	112	2564	0.015	ppbv	#	45
58) Ethyl Benzene	12.095	91	1269	0.005	ppbv		96
59) m/p-Xylene	12.365	91	706	0.003	ppbv	#	1
60) o-Xylene	13.092	91	206	0.001	ppbv		81
61) Styrene	12.892	104	217	0.002	ppbv	#	28
62) Isopropylbenzene	14.024	105	1758	0.005	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.040	83	737	0.009	ppbv	#	25
64) n-propylbenzene	14.905	120	413	0.005	ppbv	#	1
65) tert-Butylbenzene	16.082	119	771	0.003	ppbv	#	23
66) Benzyl Chloride	16.326	91	138	0.007	ppbv	#	68
67) sec-Butylbenzene	16.635	105	1686	0.004	ppbv		97
69) p-Isopropyltoluene	16.986	119	1680	0.005	ppbv	#	48
70) n-Butylbenzene	17.873	91	546	0.002	ppbv	#	33
71) 2-Chlorotoluene	14.790	91	732	0.003	ppbv	#	43
72) 4-Ethyltoluene	15.188	105	572	0.002	ppbv	#	1
73) 1,3,5-Trimethylbenzene	15.333	105	403	0.002	ppbv	#	32
74) 1,2,4-Trimethylbenzene	16.101	105	1097	0.004	ppbv	#	27
75) 1,3-Dichlorobenzene	16.326	146	437	0.003	ppbv	#	1
76) 1,4-Dichlorobenzene	16.465	146	1634	0.011	ppbv	#	23
77) 1,2-Dichlorobenzene	17.133	146	932	0.006	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.625	225	476	0.004	ppbv	#	17
79) Naphthalene	21.368	128	223	0.001	ppbv	#	68
80) Naphthalene,2-methyl-	24.432	142	74	0.002	ppbv	#	24
81) 1,2,4-Trichlorobenzene	21.133	180	330	0.003	ppbv	#	100

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

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 VSTDICC0.03

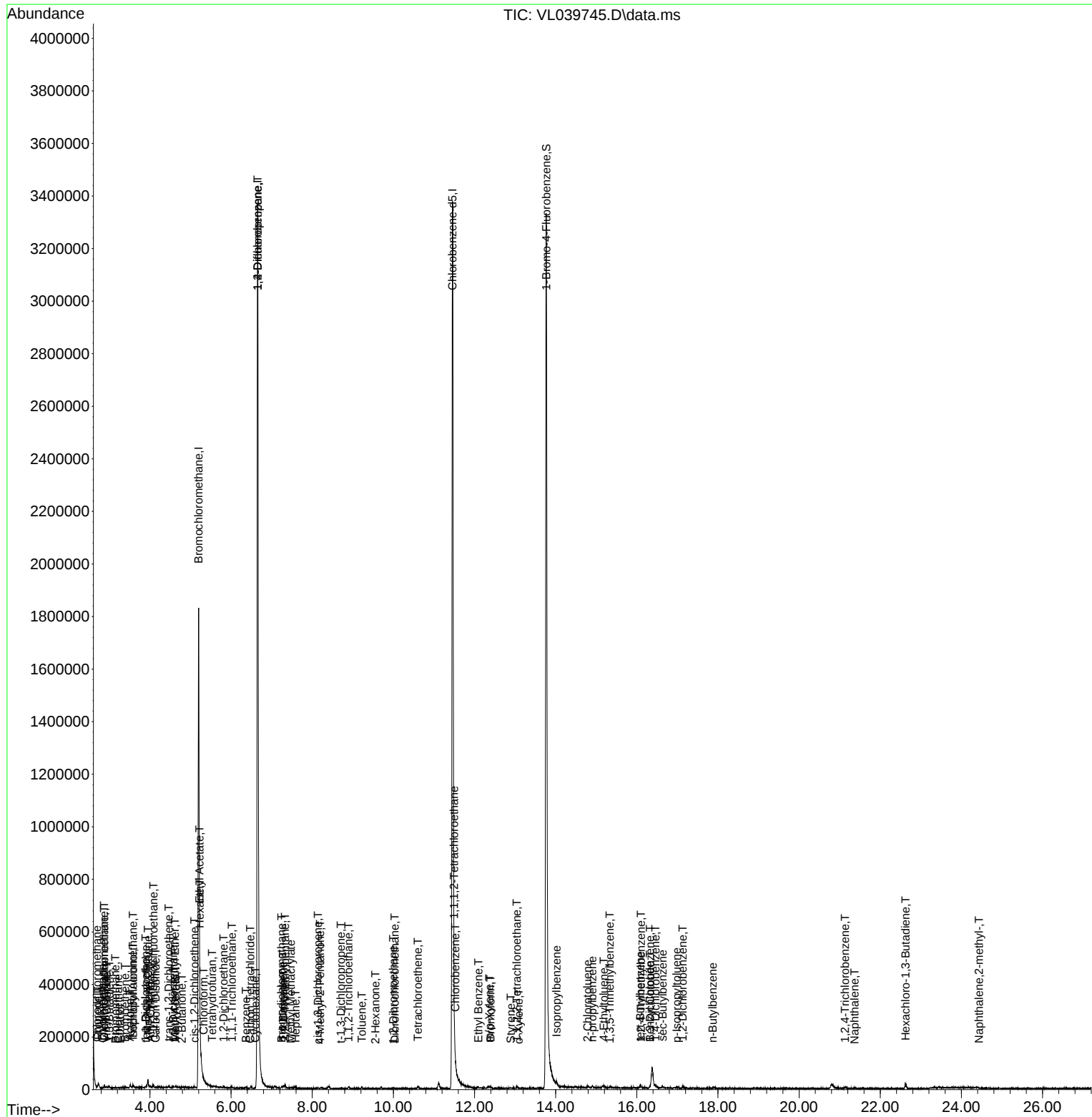
Quant Time: Oct 22 03:04:44 2022

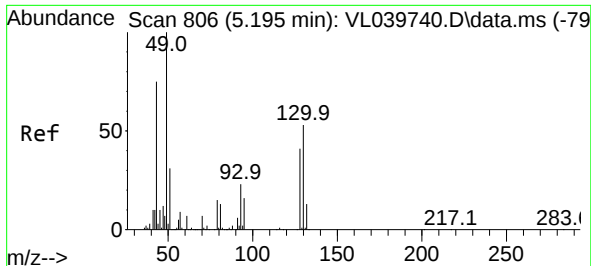
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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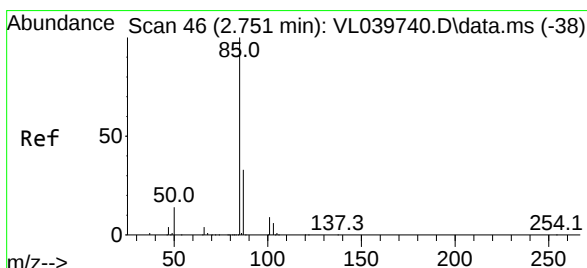
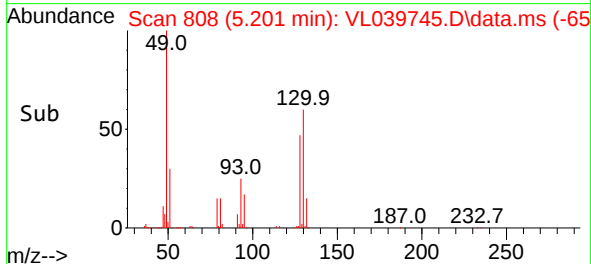
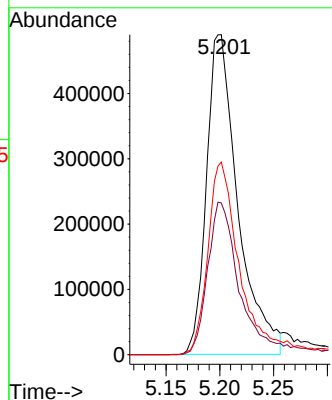
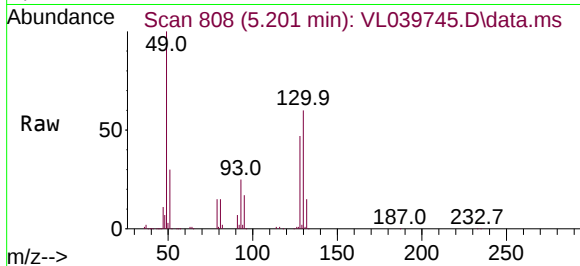




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.201 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VL039745.D
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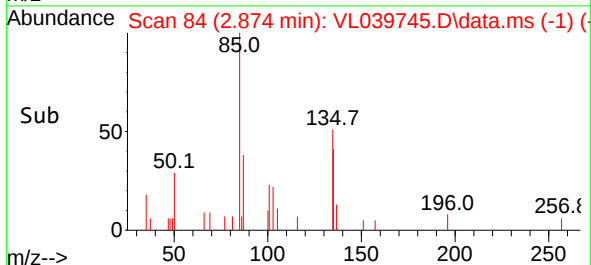
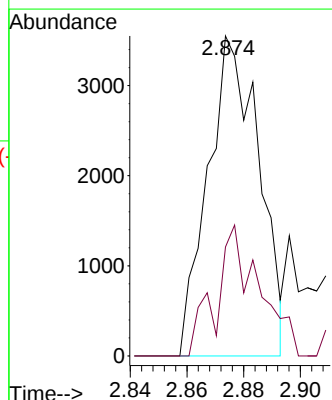
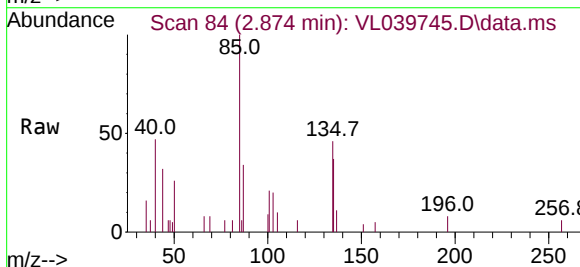
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

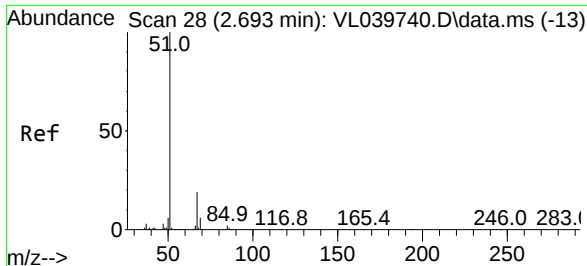
Tgt Ion: 49 Resp: 994776
 Ion Ratio Lower Upper
 49 100
 128 51.4 22.6 67.8
 130 63.5 29.0 87.0



#2
 Dichlorodifluoromethane
 Concen: 0.027 ppbv
 RT: 2.874 min Scan# 84
 Delta R.T. 0.122 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion: 85 Resp: 4429
 Ion Ratio Lower Upper
 85 100
 87 34.0 26.6 40.0

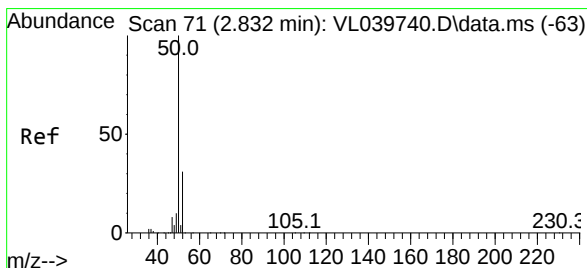
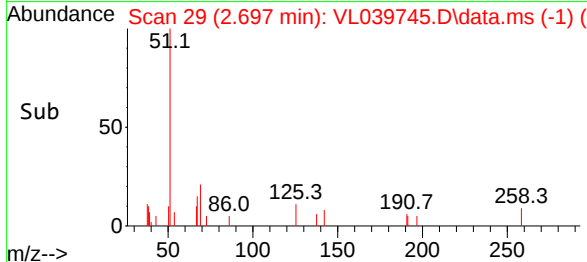
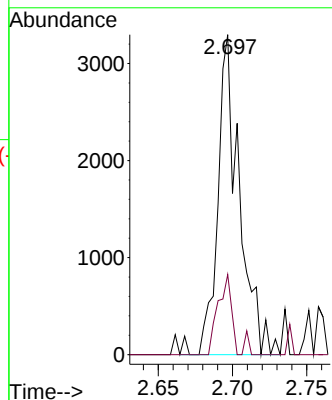
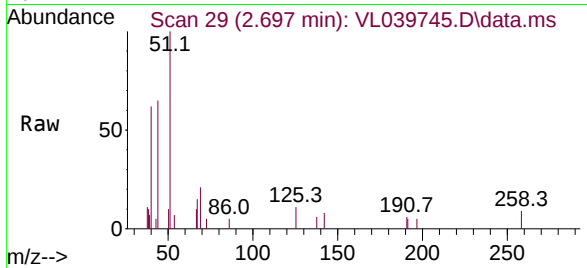




#3
 Chlorodifluoromethane
 Concen: 0.026 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

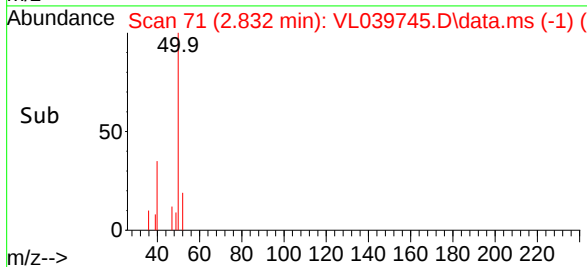
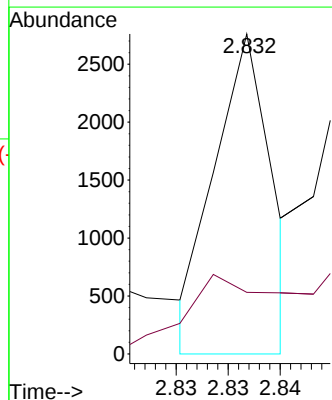
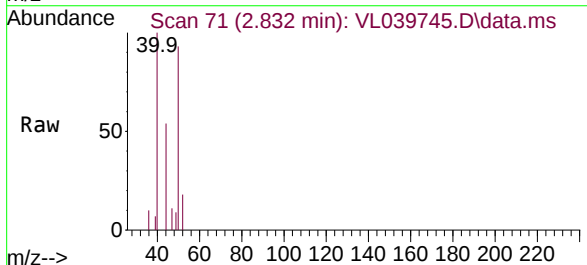
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

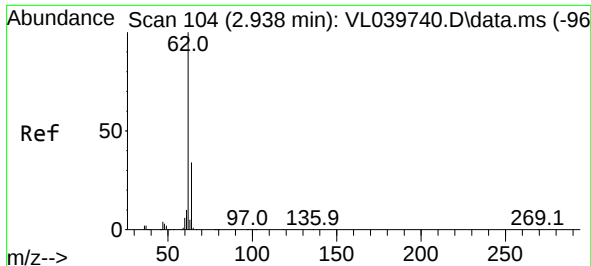
Tgt Ion: 51 Resp: 3342
 Ion Ratio Lower Upper
 51 100
 67 16.9 14.6 21.8



#4
 Chloromethane
 Concen: 0.013 ppbv
 RT: 2.832 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion: 50 Resp: 1061
 Ion Ratio Lower Upper
 50 100
 52 11.7 24.8 37.2#

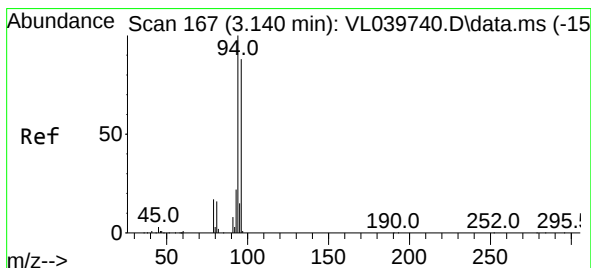
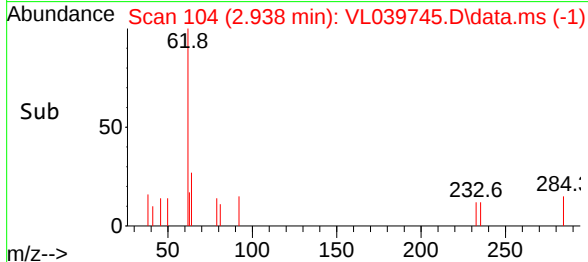
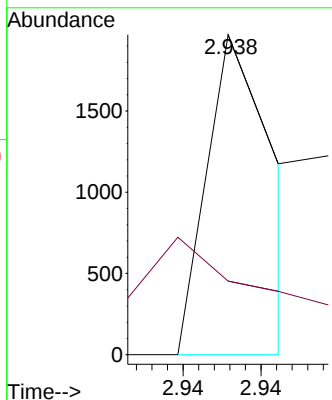
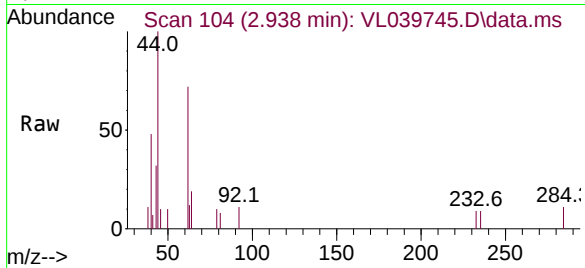




#5
 Vinyl Chloride
 Concen: 0.010 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

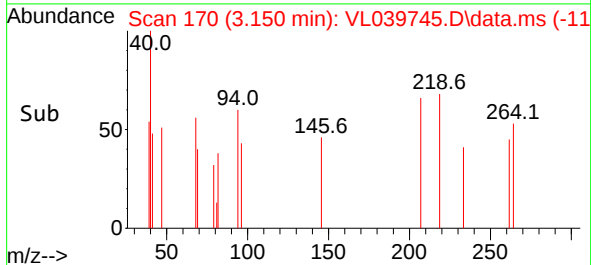
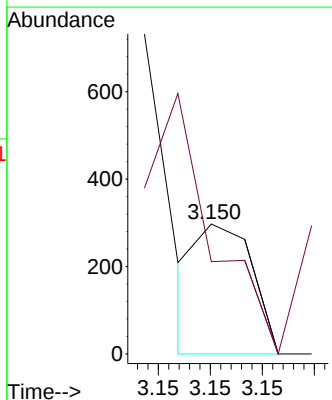
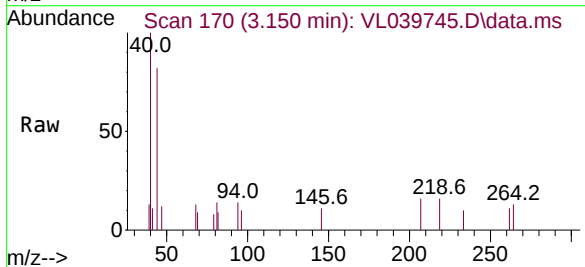
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 MSVOA_1
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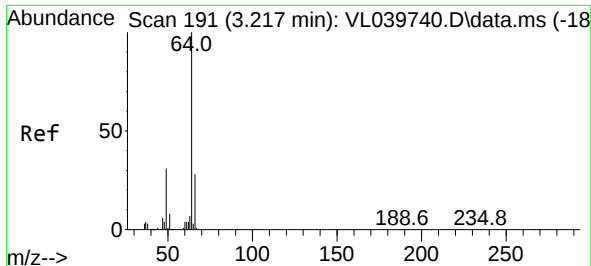
Tgt Ion: 62 Resp: 607
 Ion Ratio Lower Upper
 62 100
 64 3.2 27.1 40.7#



#6
 Bromomethane
 Concen: 0.005 ppbv
 RT: 3.150 min Scan# 170
 Delta R.T. 0.010 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion: 94 Resp: 108
 Ion Ratio Lower Upper
 94 100
 96 71.0 70.5 105.7

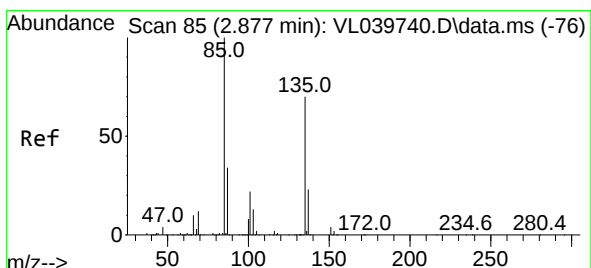
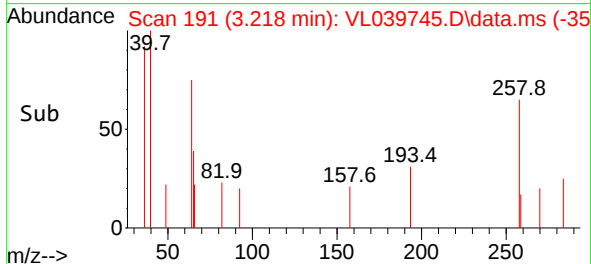
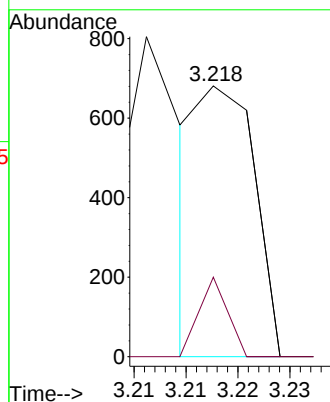
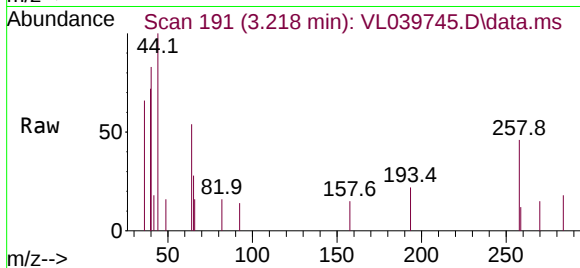




#7
Chloroethane
Concen: 0.011 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

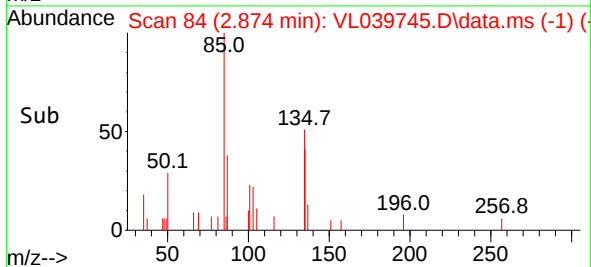
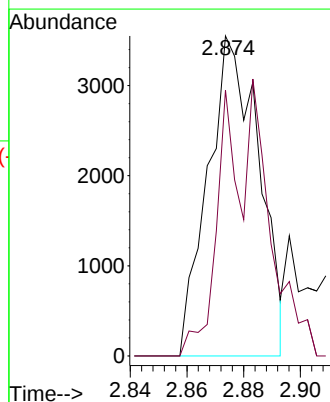
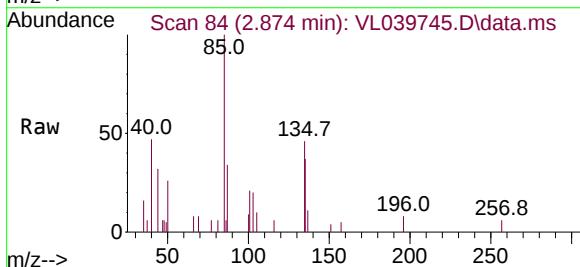
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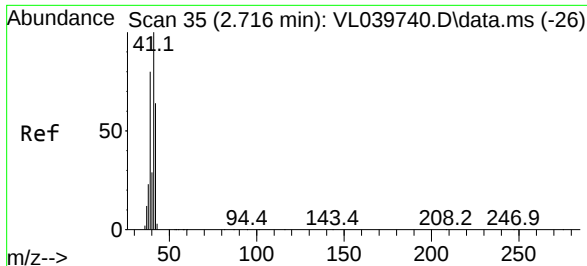
Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 29.4 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 0.029 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 85 Resp: 4429
Ion Ratio Lower Upper
85 100
135 78.9 56.1 84.1





#9

Propene

Concen: 0.032 ppbv

RT: 2.719 min Scan# 3

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

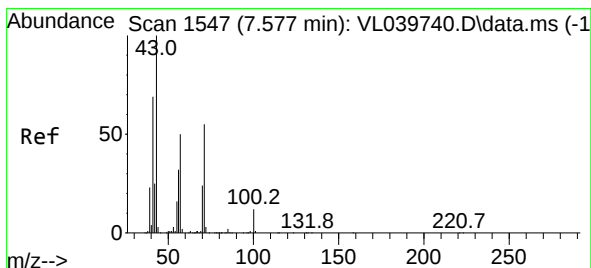
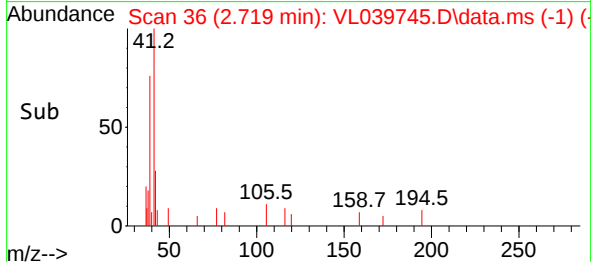
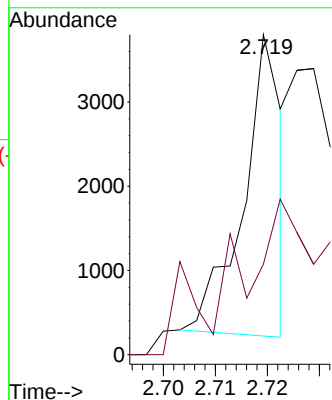
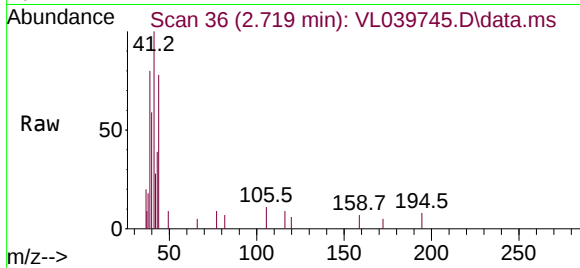
VSTDIC0.03

Tgt Ion: 41 Resp: 1838

Ion Ratio Lower Upper

41 100

42 0.0 54.4 81.6#



#10

Heptane

Concen: 0.003 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.013 min

Lab File: VL039745.D

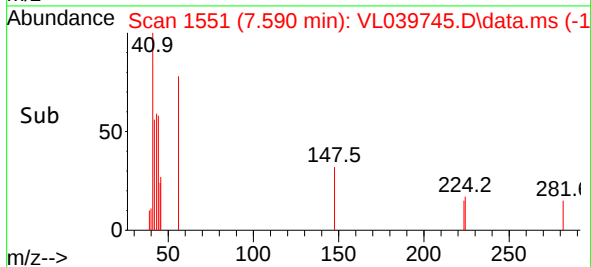
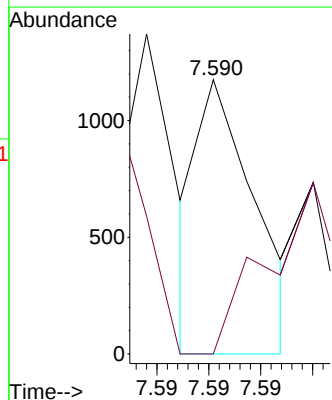
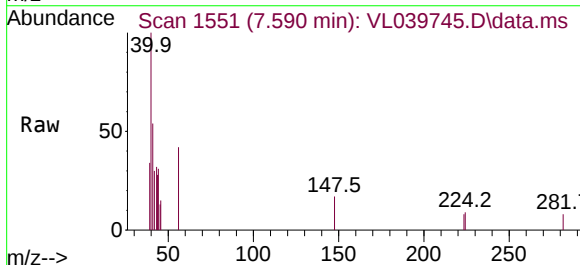
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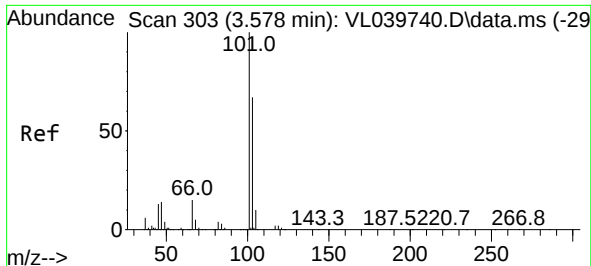
Tgt Ion: 43 Resp: 448

Ion Ratio Lower Upper

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57 0.0 40.0 60.0#

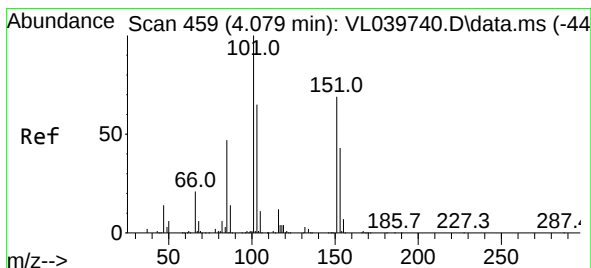
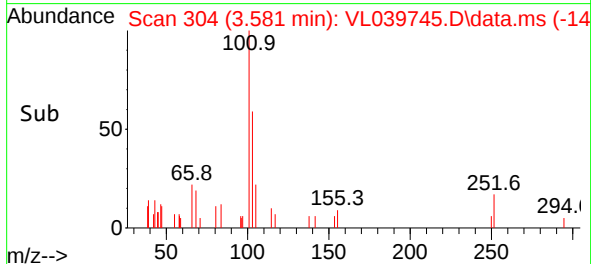
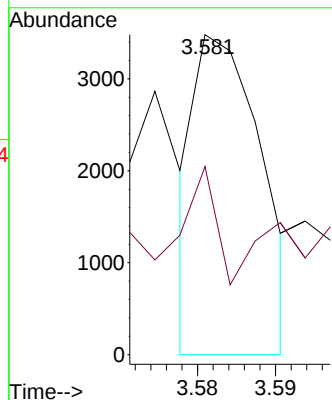
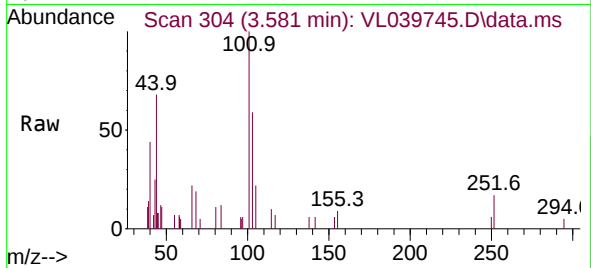




#11
 Trichlorofluoromethane
 Concen: 0.013 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

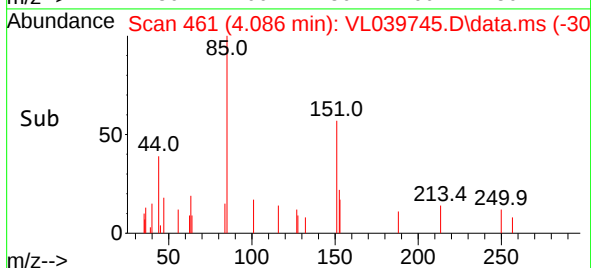
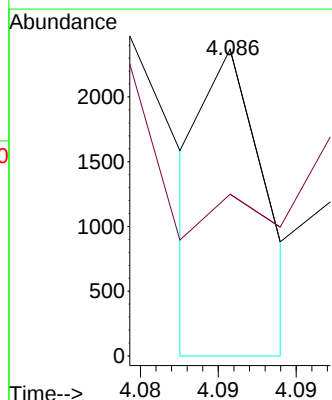
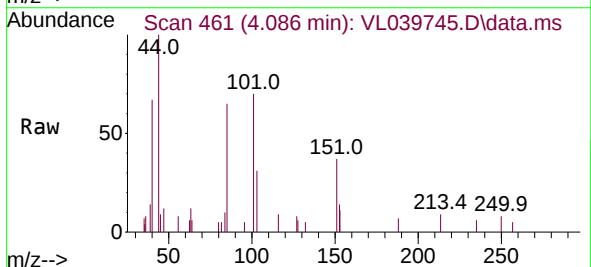
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

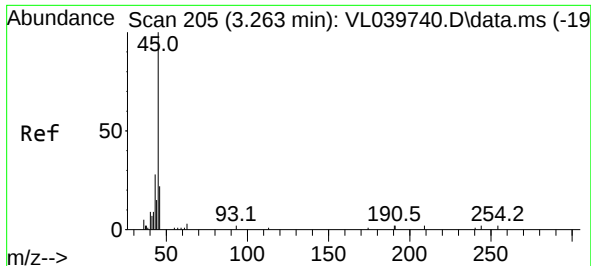
Tgt Ion:101 Resp: 2050
 Ion Ratio Lower Upper
 101 100
 103 34.5 53.2 79.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.005 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.007 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion:101 Resp: 627
 Ion Ratio Lower Upper
 101 100
 151 0.0 58.0 87.0#

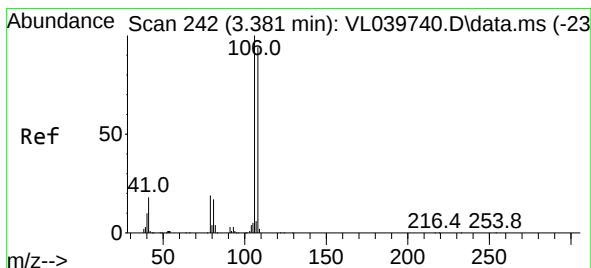
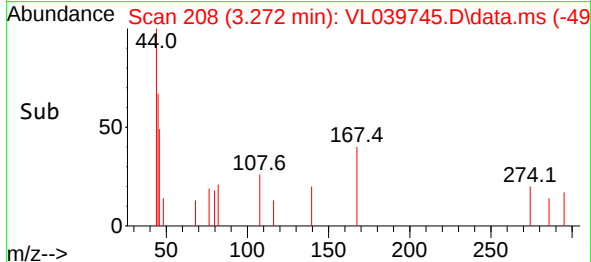
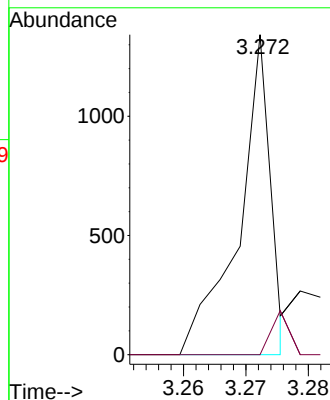
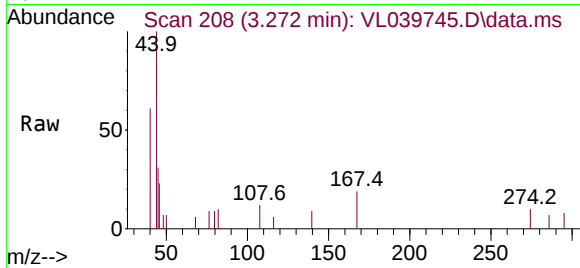




#13
 Ethanol
 Concen: 0.121 ppbv
 RT: 3.272 min Scan# 205
 Delta R.T. 0.010 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

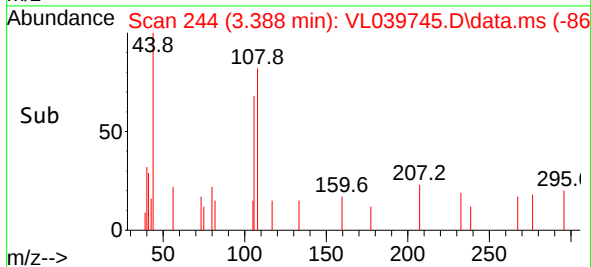
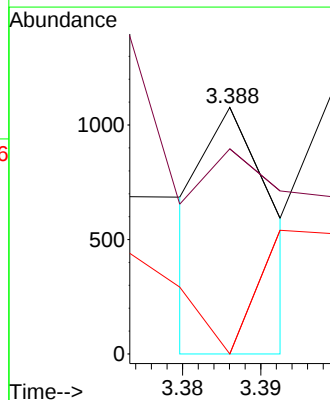
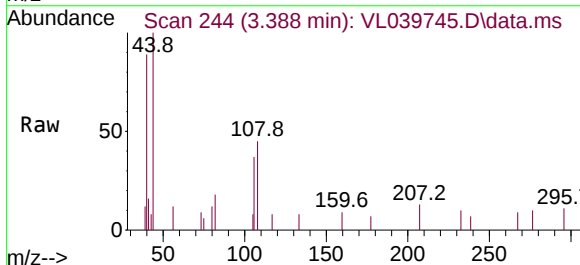
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

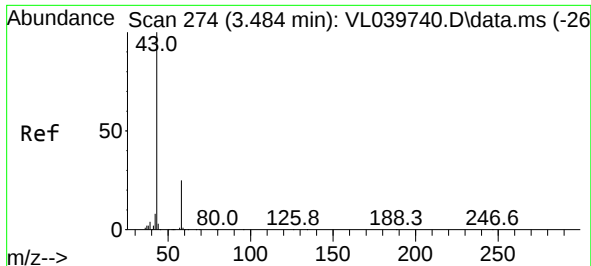
Tgt Ion: 45 Resp: 479
 Ion Ratio Lower Upper
 45 100
 46 13.6 14.8 59.2#



#14
 Bromoethene
 Concen: 0.007 ppbv
 RT: 3.388 min Scan# 244
 Delta R.T. 0.007 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion: 108 Resp: 321
 Ion Ratio Lower Upper
 108 100
 106 0.0 90.2 135.4#
 79 0.0 16.2 24.2#

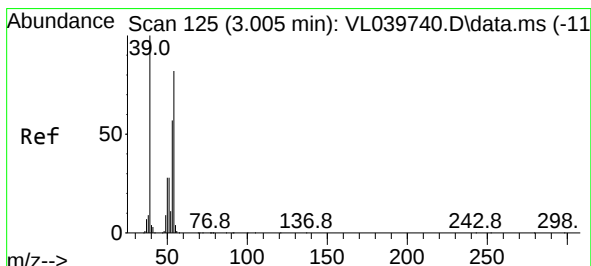
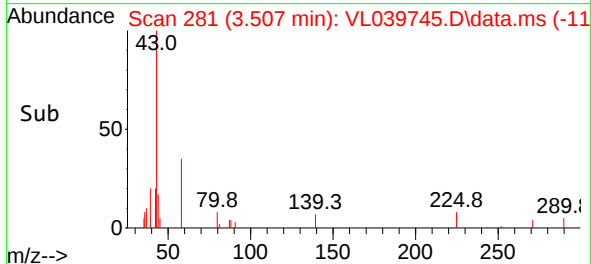
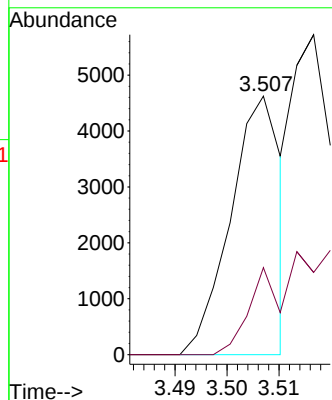
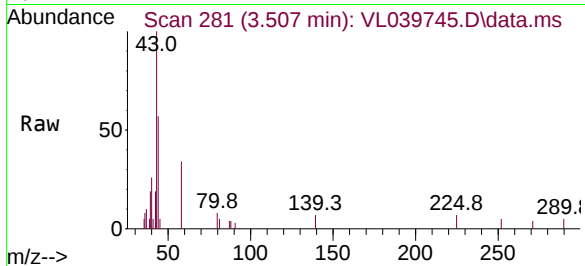




#15
Acetone
Concen: 0.026 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

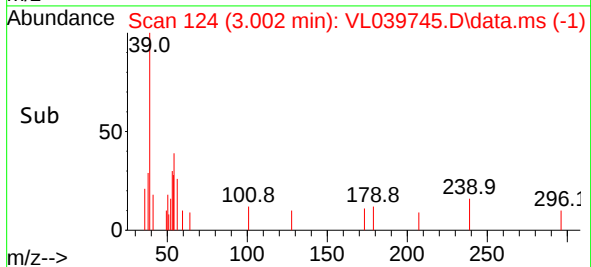
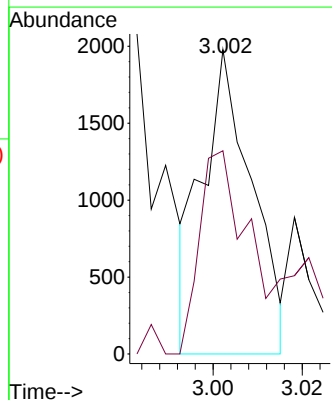
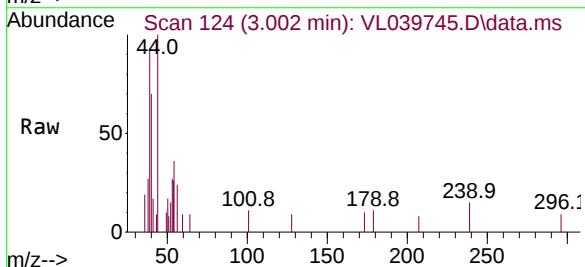
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

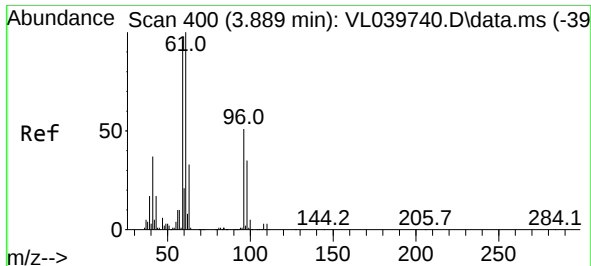
Tgt Ion: 43 Resp: 3126
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#



#16
1,3-Butadiene
Concen: 0.025 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 39 Resp: 1521
Ion Ratio Lower Upper
39 100
54 96.5 65.2 97.8





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.016 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

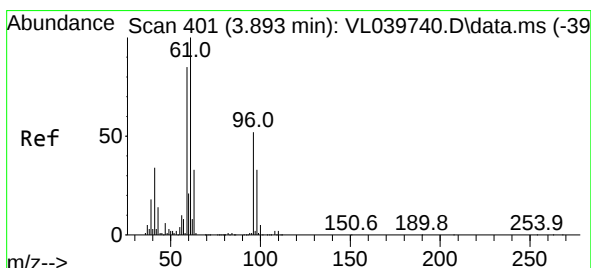
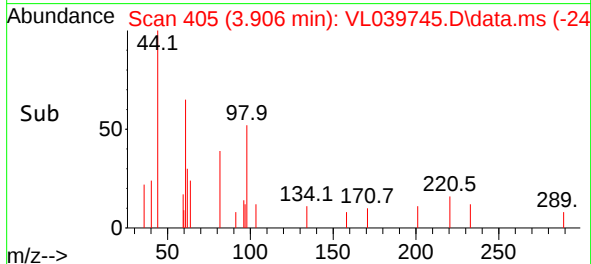
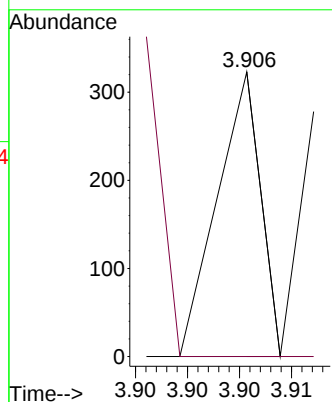
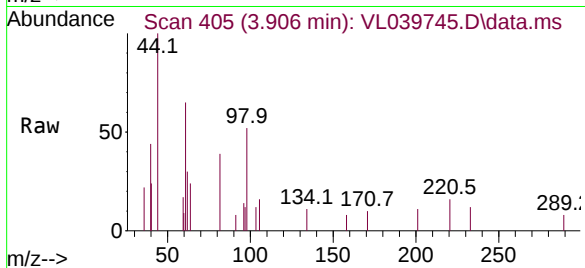
VSTDIC0.03

Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 114.0 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.019 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.000 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

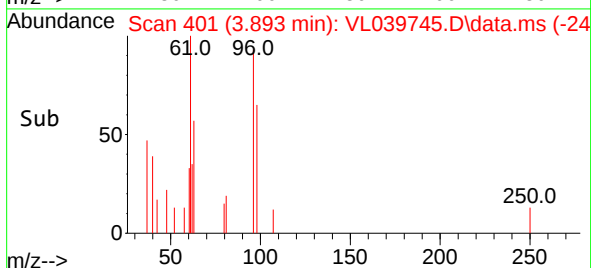
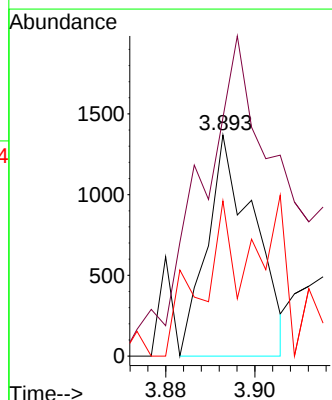
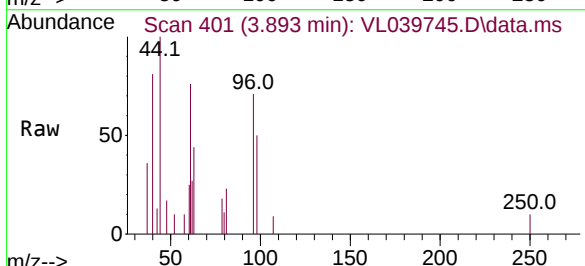
Tgt Ion: 96 Resp: 1005

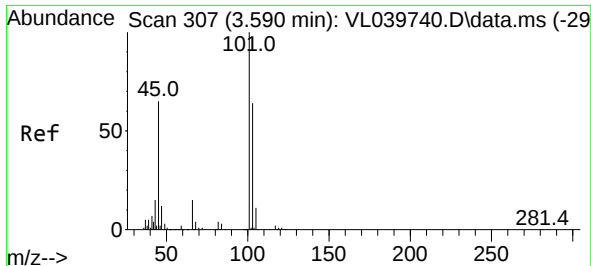
Ion Ratio Lower Upper

96 100

61 56.4 152.7 229.1#

98 31.3 50.2 75.2#

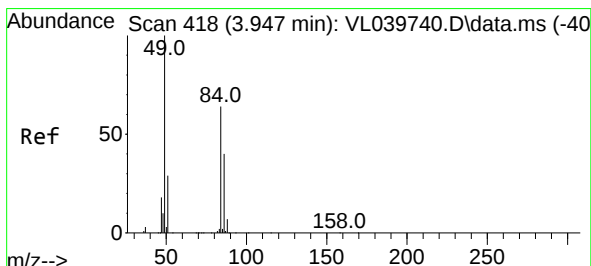
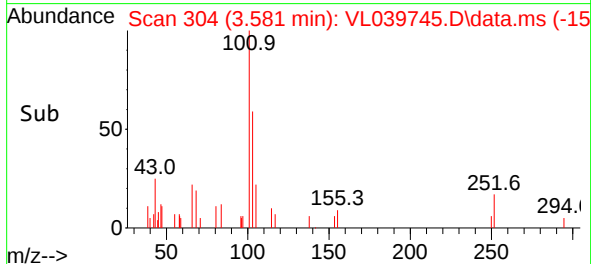
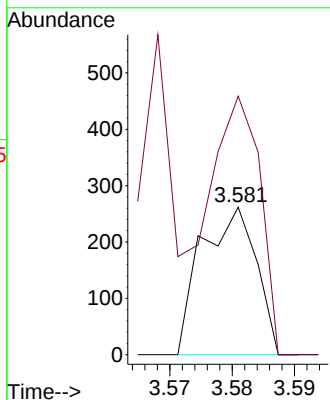
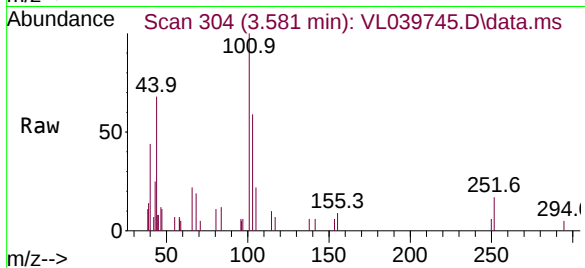




#19
Isopropyl Alcohol
Concen: 0.003 ppbv
RT: 3.581 min Scan# 307
Delta R.T. -0.010 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

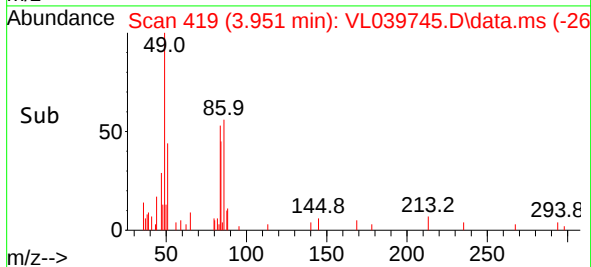
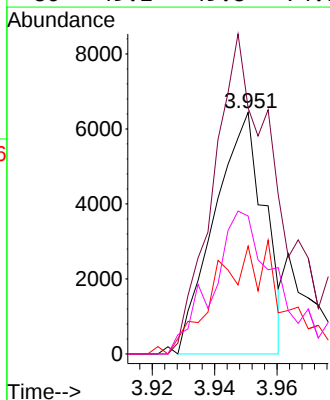
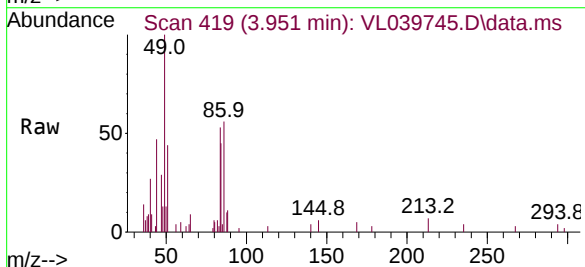
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

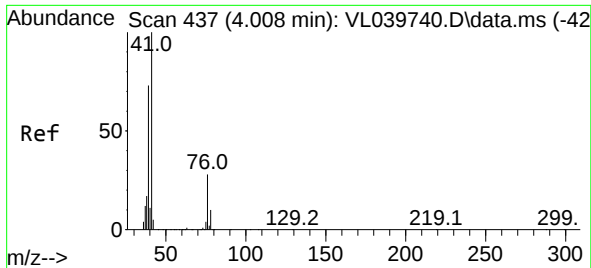
Tgt Ion: 45 Resp: 159
Ion Ratio Lower Upper
45 100
58 357.9 3.3 4.9#



#20
Methylene Chloride
Concen: 0.149 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 84 Resp: 7173
Ion Ratio Lower Upper
84 100
49 97.4 124.2 186.4#
51 38.3 36.6 54.8
86 49.2 49.8 74.8#

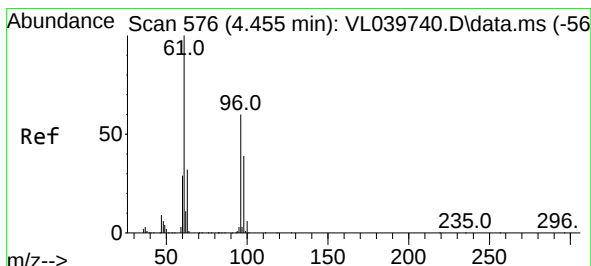
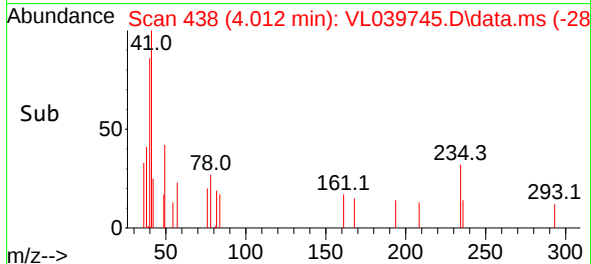
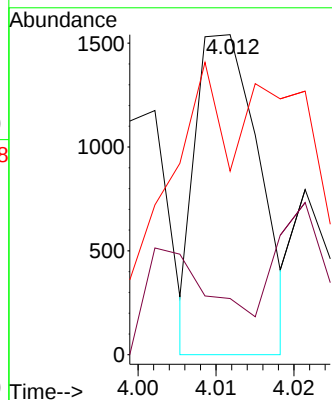
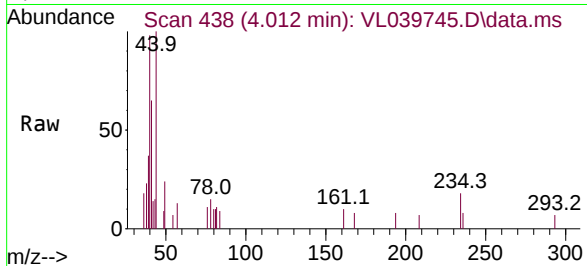




#21
 Allyl Chloride
 Concen: 0.011 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

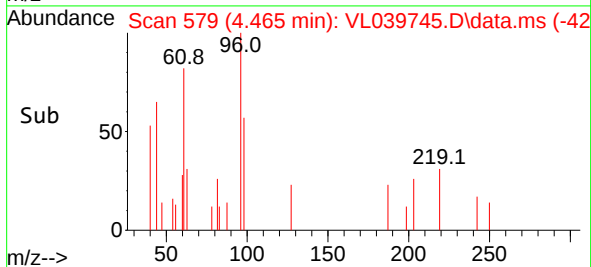
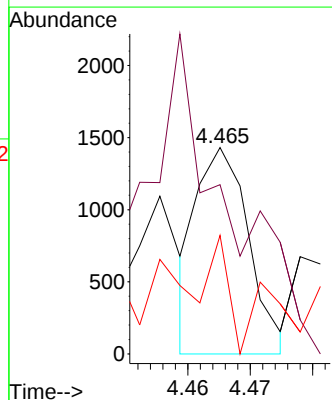
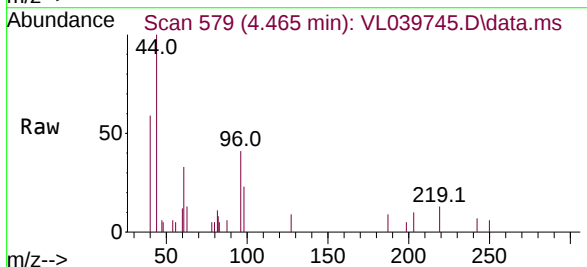
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

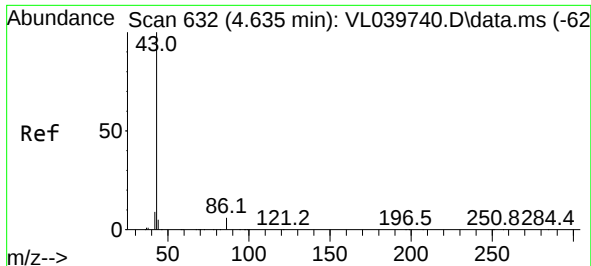
Tgt Ion: 41 Resp: 875
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.5 35.3#
 39 300.1 67.4 101.2#



#22
 trans-1,2-Dichloroethene
 Concen: 0.015 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.010 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion: 96 Resp: 831
 Ion Ratio Lower Upper
 96 100
 61 31.3 132.9 199.3#
 98 37.2 51.6 77.4#

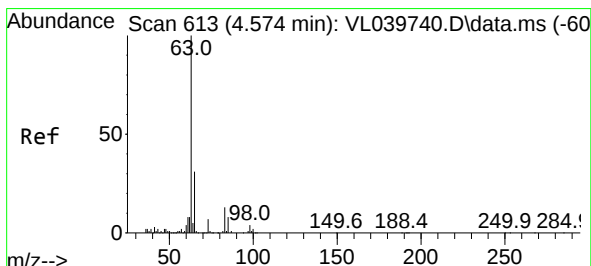
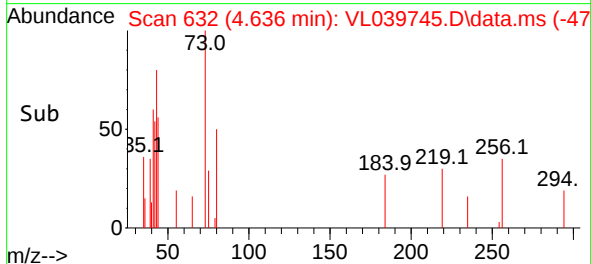
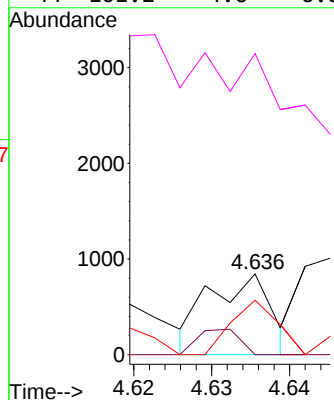
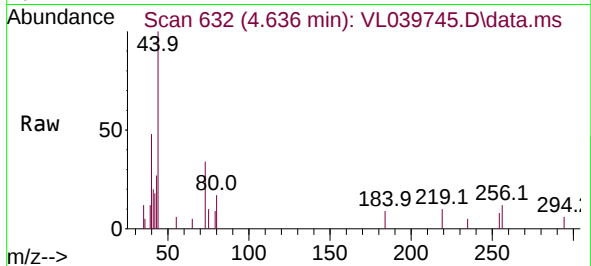




#23
 Vinyl Acetate
 Concen: 0.009 ppbv
 RT: 4.636 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

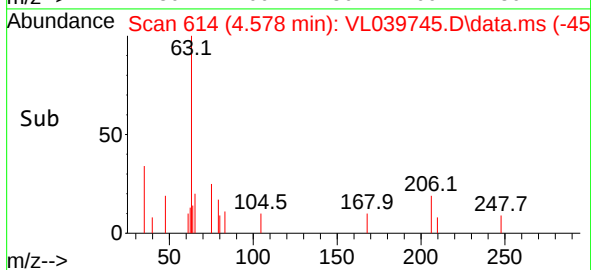
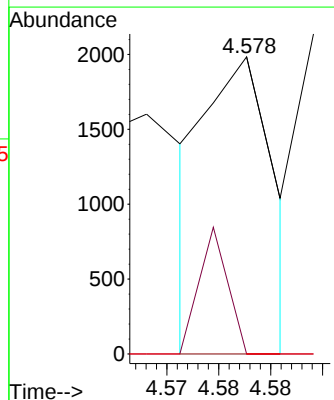
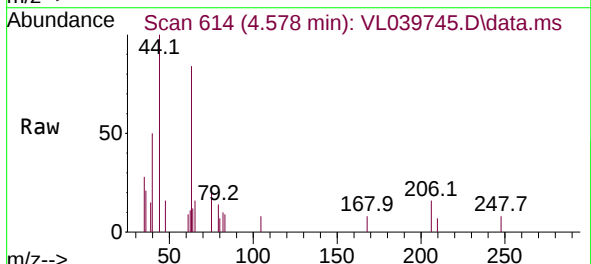
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

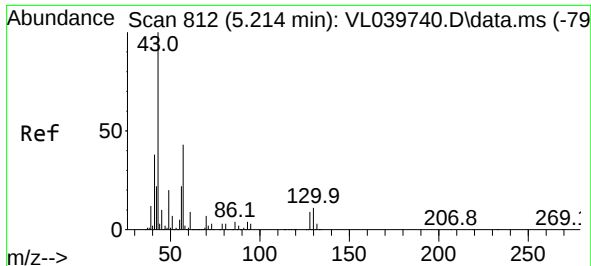
Tgt Ion:	43	Resp:	462
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.3	6.5#
42	98.3	7.9	11.9#
44	101.2	4.6	6.8#



#24
 1,1-Dichloroethane
 Concen: 0.008 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion:	63	Resp:	907
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.5#
100	0.0	1.2	3.6#





#25

Ethyl Acetate

Concen: 0.004 ppbv

RT: 5.224 min Scan# 815

Delta R.T. 0.010 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

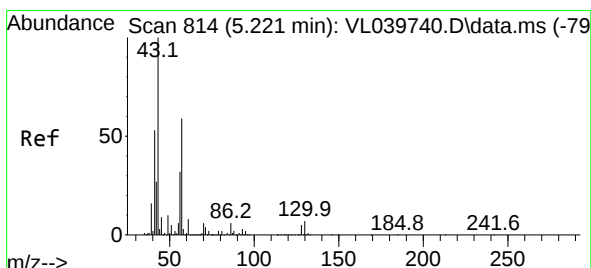
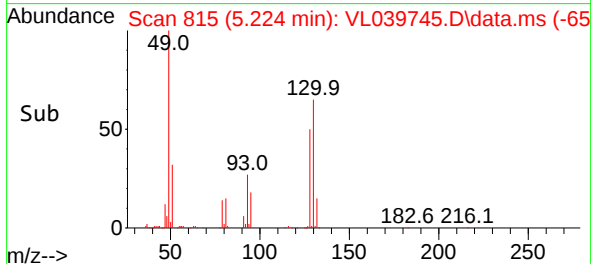
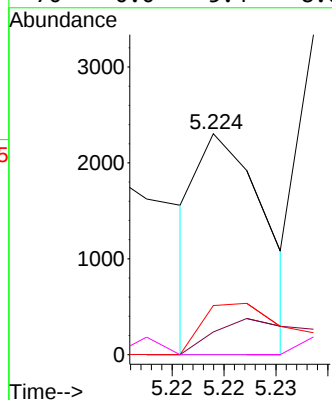
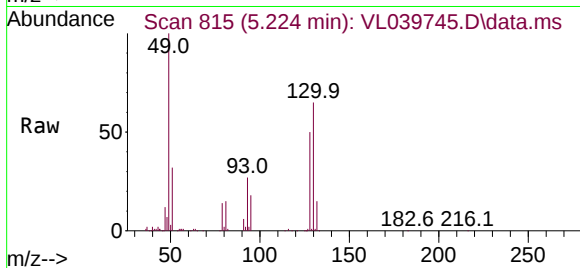
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion:	43	Resp:	1024
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.1	12.1#
61	38.4	7.5	11.3#
70	0.0	5.4	8.0#



#26

Hexane

Concen: 0.012 ppbv

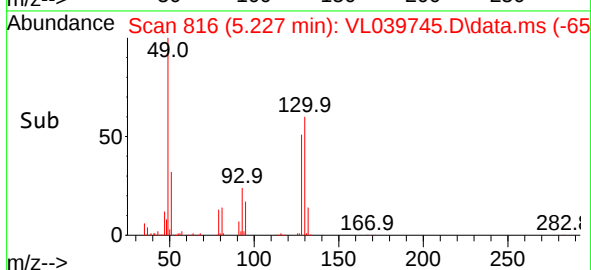
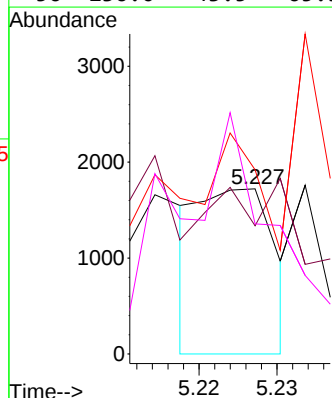
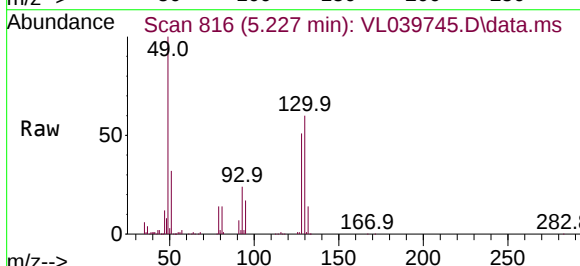
RT: 5.227 min Scan# 816

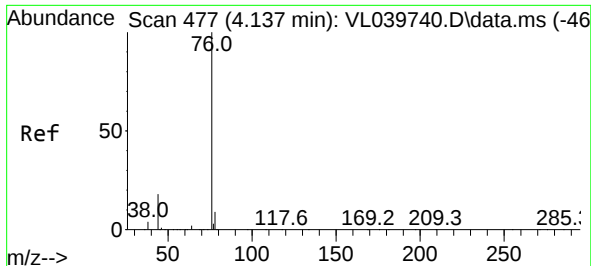
Delta R.T. 0.007 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Tgt Ion:	57	Resp:	1156
Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.8	115.2#
43	0.0	201.0	301.4#
56	236.0	43.5	65.3#

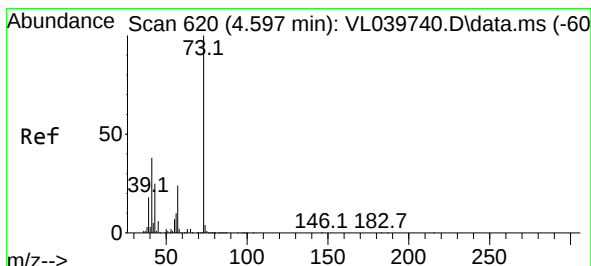
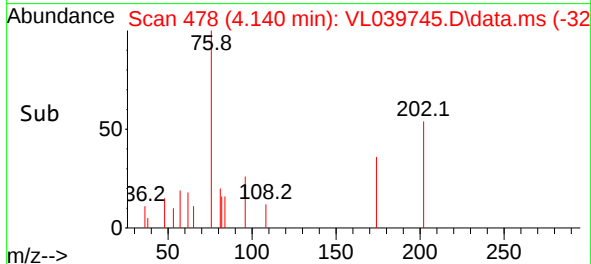
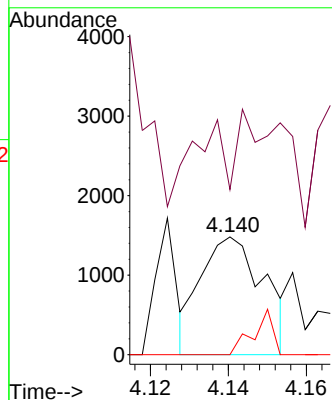
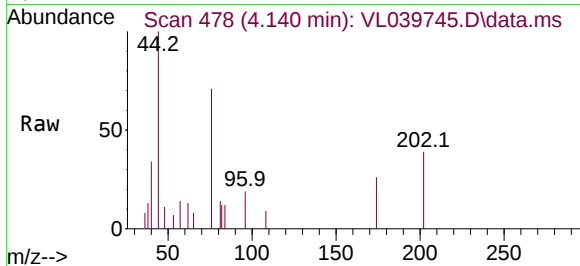




#27
Carbon Disulfide
Concen: 0.014 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

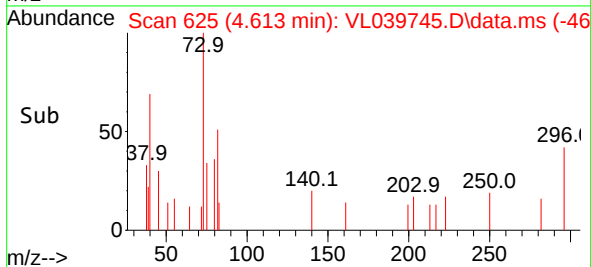
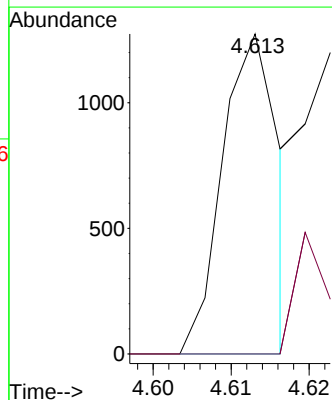
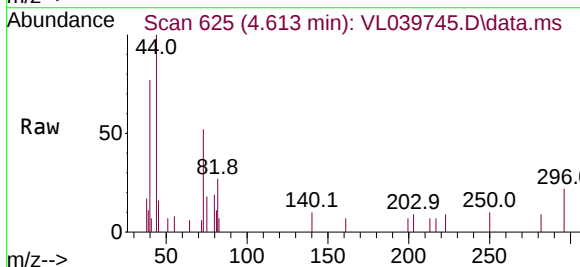
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

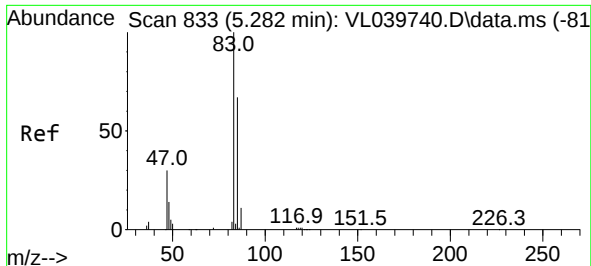
Tgt Ion: 76 Resp: 1669
Ion Ratio Lower Upper
76 100
44 0.0 14.5 21.7#
78 0.0 8.1 12.1#



#28
Methyl tert-Butyl Ether
Concen: 0.007 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.016 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 73 Resp: 642
Ion Ratio Lower Upper
73 100
57 0.0 19.4 29.2#





#29

Chloroform

Concen: 0.001 ppbv

RT: 5.324 min Scan# 84

Delta R.T. 0.042 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

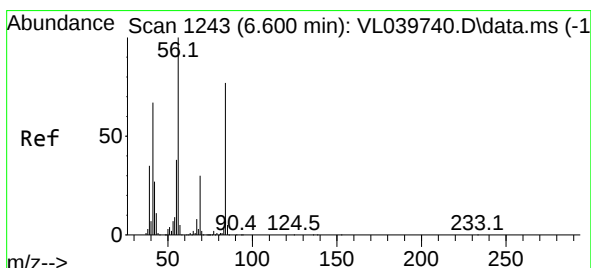
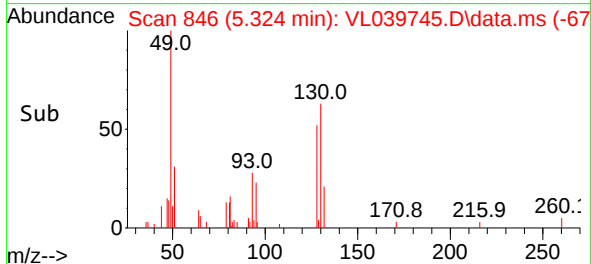
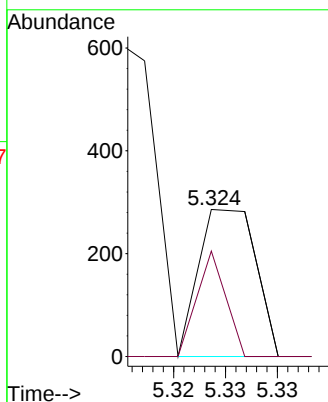
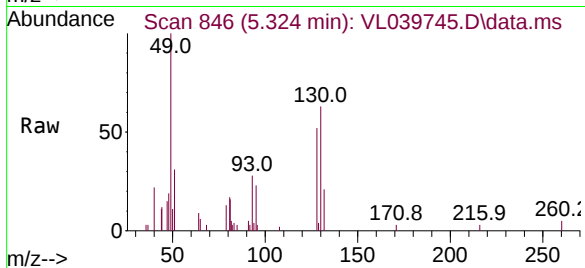
VSTDIC0.03

Tgt Ion: 83 Resp: 110

Ion Ratio Lower Upper

83 100

85 71.7 53.5 80.3



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

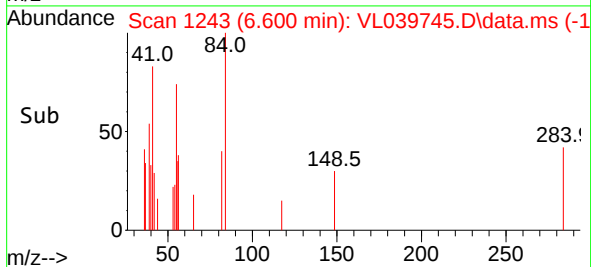
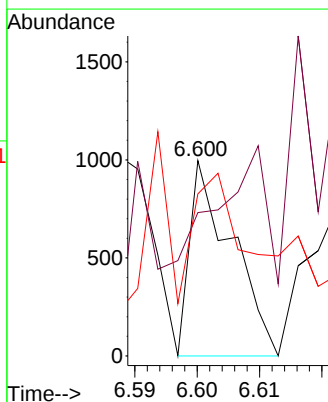
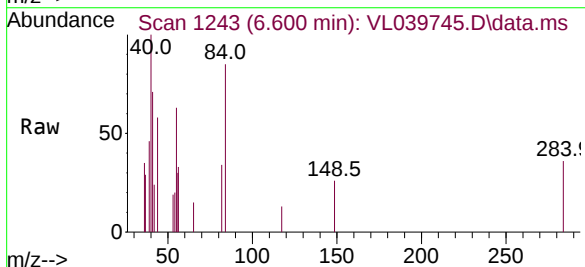
Tgt Ion: 84 Resp: 468

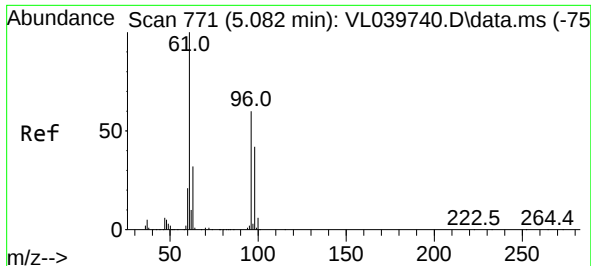
Ion Ratio Lower Upper

84 100

56 0.0 114.2 171.4#

41 432.7 74.2 111.2#

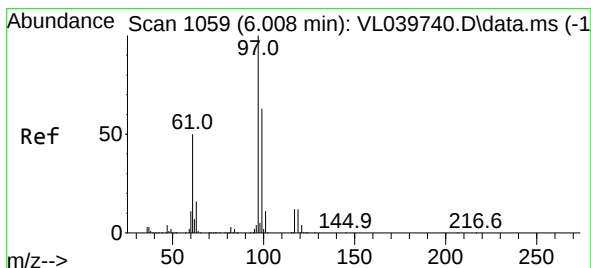
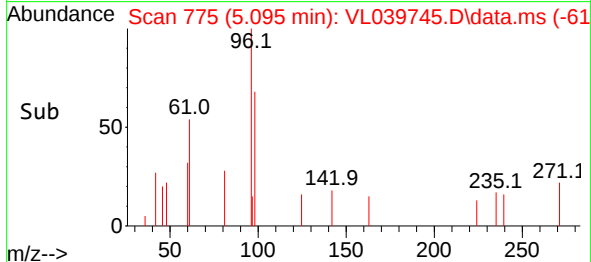
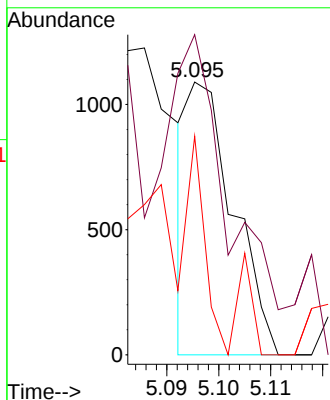
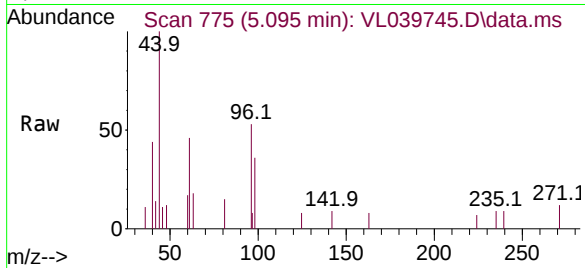




#31
 cis-1,2-Dichloroethene
 Concen: 0.008 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

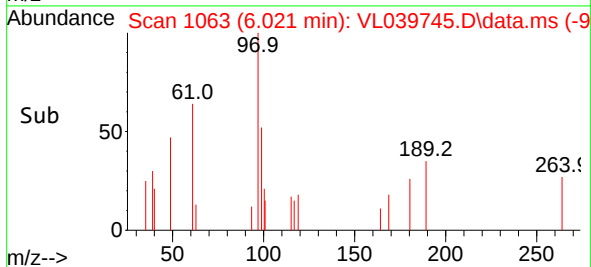
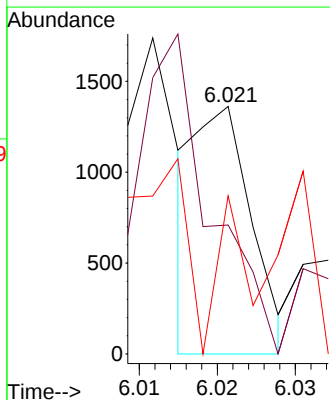
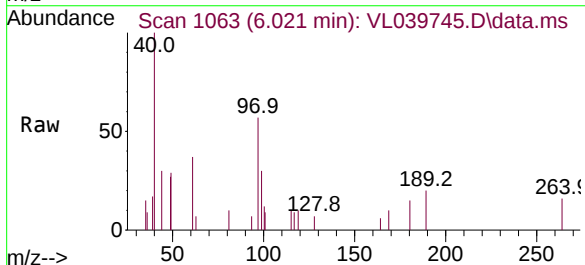
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

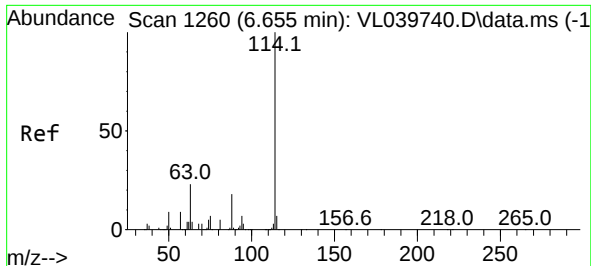
Tgt Ion: 61 Resp: 663
 Ion Ratio Lower Upper
 61 100
 96 118.6 48.3 72.5#
 98 80.1 33.2 49.8#



#32
 1,1,1-Trichloroethane
 Concen: 0.005 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.013 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion: 97 Resp: 679
 Ion Ratio Lower Upper
 97 100
 99 0.0 53.0 79.4#
 61 0.0 43.3 64.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

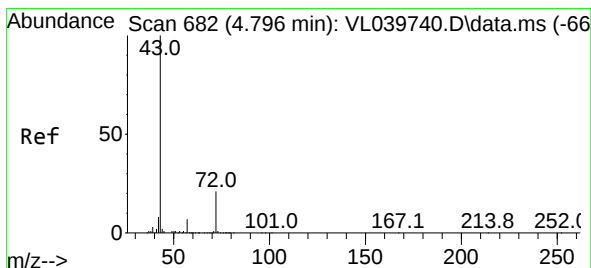
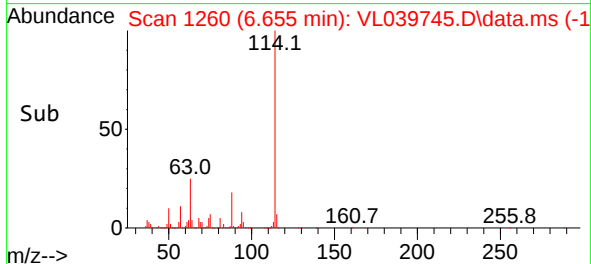
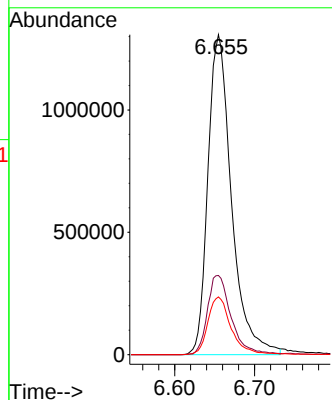
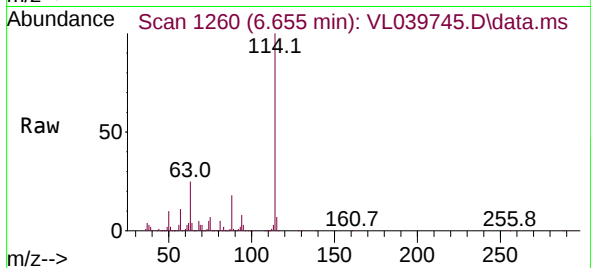
Tgt Ion:114 Resp: 2683830

Ion Ratio Lower Upper

114 100

63 25.2 19.8 29.6

88 18.1 14.2 21.4



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.010 min

Lab File: VL039745.D

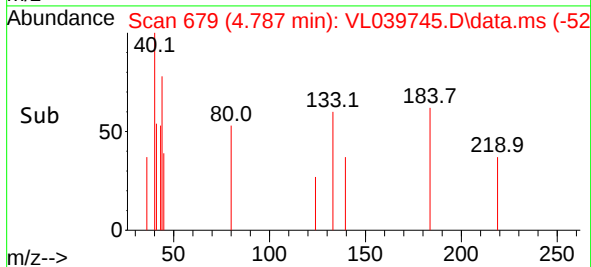
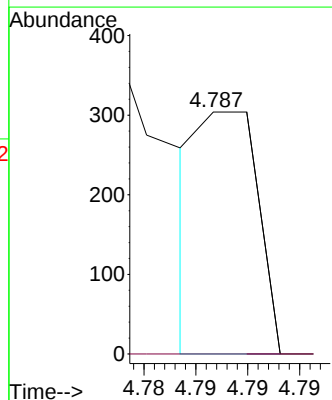
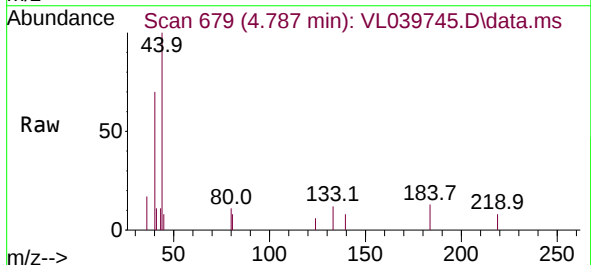
Acq: 21 Oct 2022 13:12

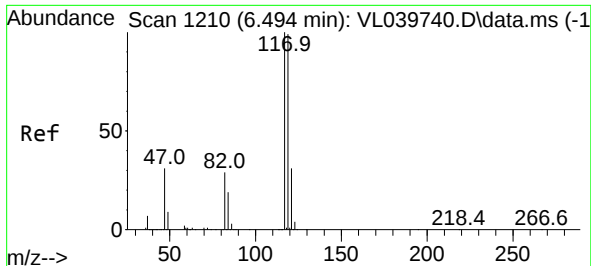
Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

72 0.0 17.1 25.7#

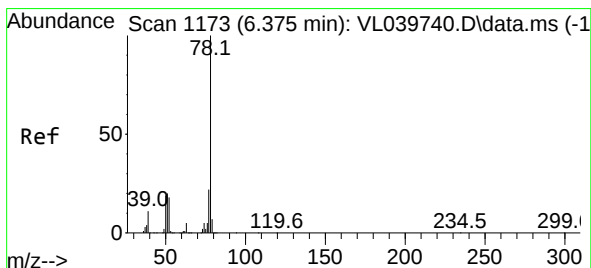
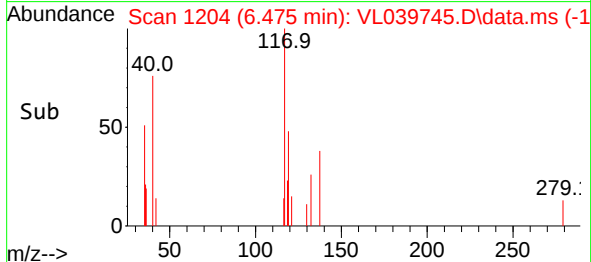
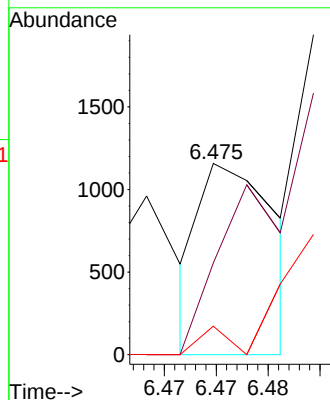
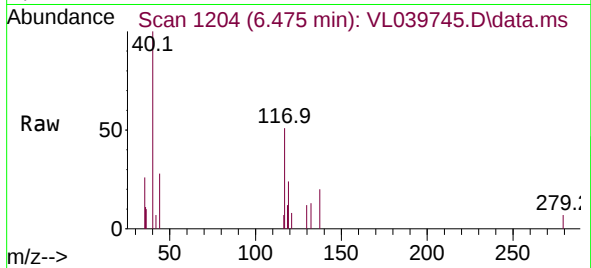




#35
Carbon Tetrachloride
Concen: 0.004 ppbv
RT: 6.475 min Scan# 1171
Delta R.T. -0.019 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

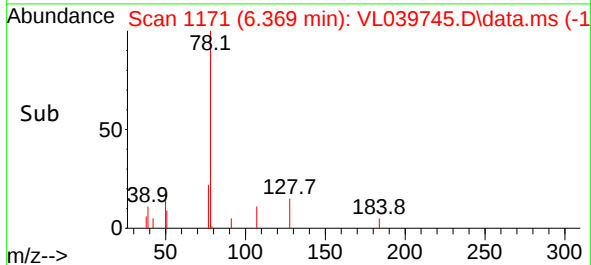
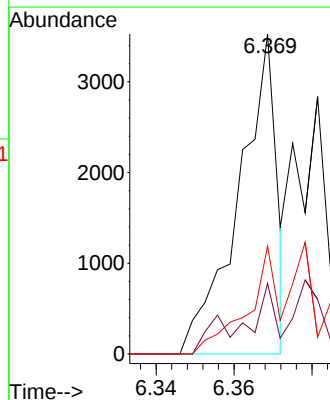
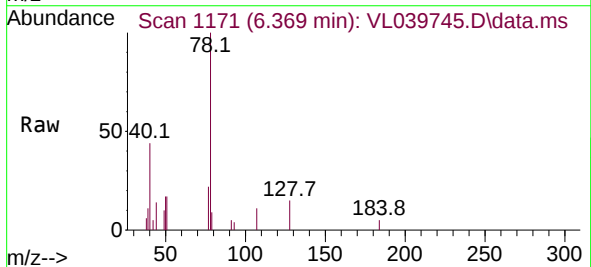
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

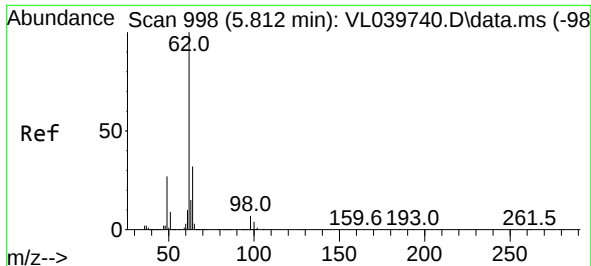
Tgt Ion:117 Resp: 586
Ion Ratio Lower Upper
117 100
119 91.1 79.2 118.8
121 28.4 25.0 37.6



#36
Benzene
Concen: 0.012 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 78 Resp: 2393
Ion Ratio Lower Upper
78 100
77 22.0 17.3 25.9
50 33.8 14.9 22.3#

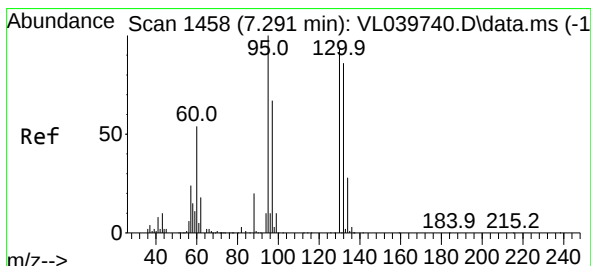
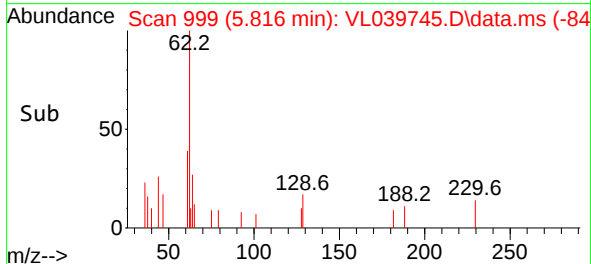
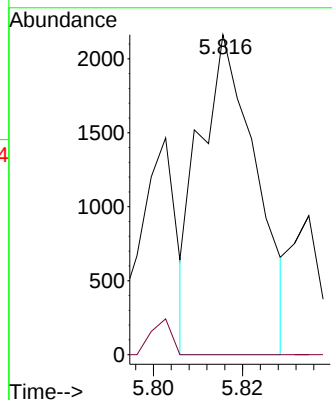
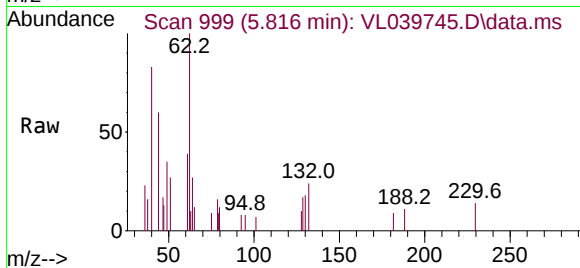




#37
1,2-Dichloroethane
Concen: 0.017 ppbv
RT: 5.816 min Scan# 99
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

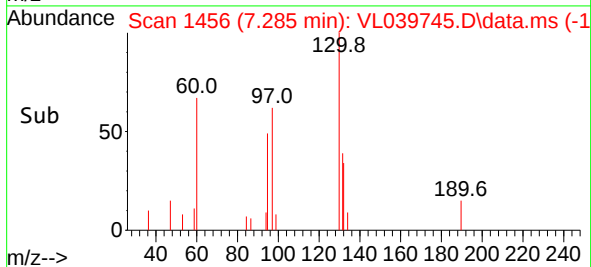
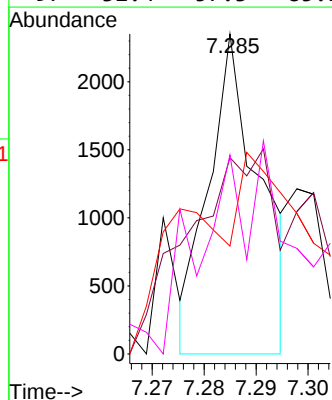
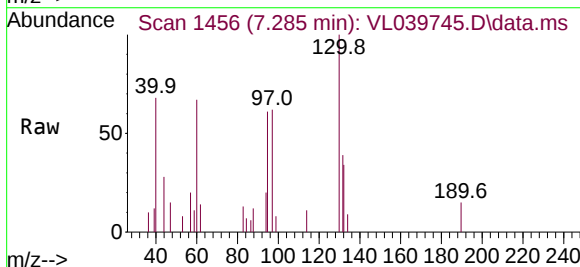
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

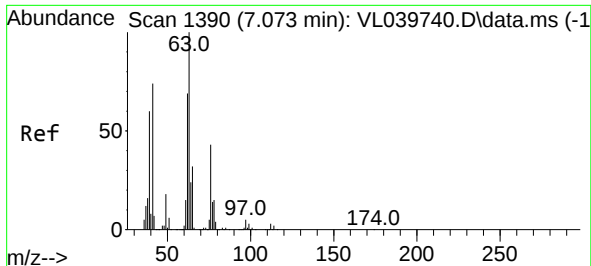
Tgt Ion: 62 Resp: 1906
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.0#



#38
Trichloroethene
Concen: 0.015 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion:130 Resp: 1601
Ion Ratio Lower Upper
130 100
95 34.8 85.4 128.2#
132 0.0 73.0 109.6#
97 32.4 57.3 85.9#





#39

1,2-Dichloropropane

Concen: 8.521 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.418 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

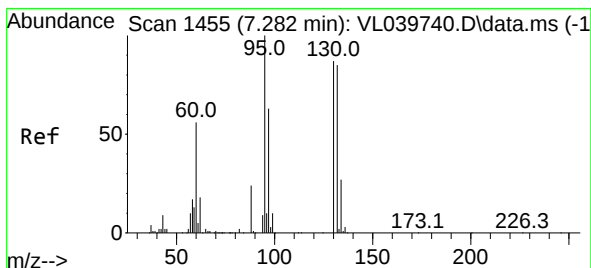
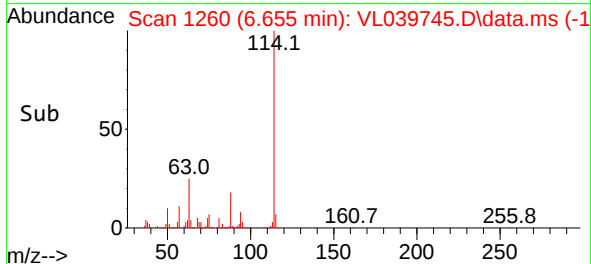
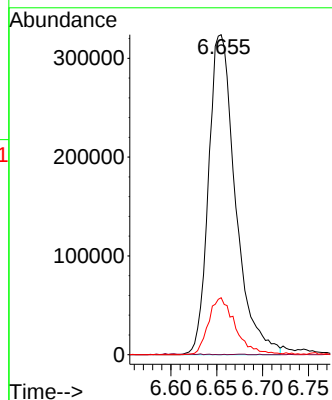
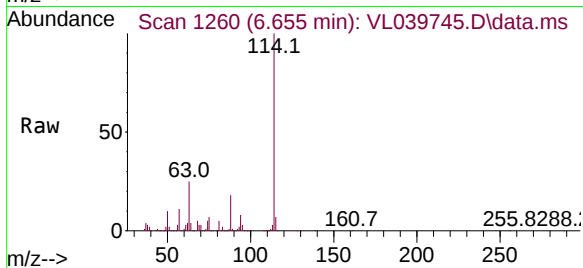
Tgt Ion: 63 Resp: 662106

Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 17.8 55.2 82.8#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Tgt Ion: 88 Resp: 49

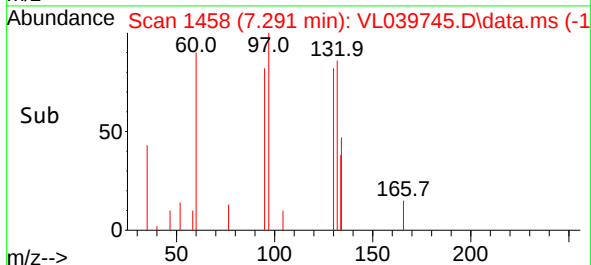
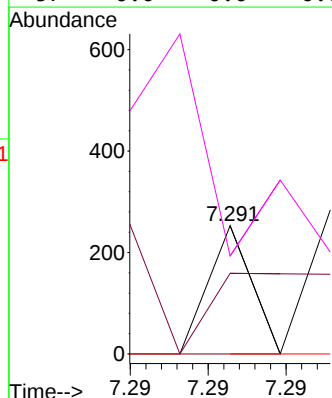
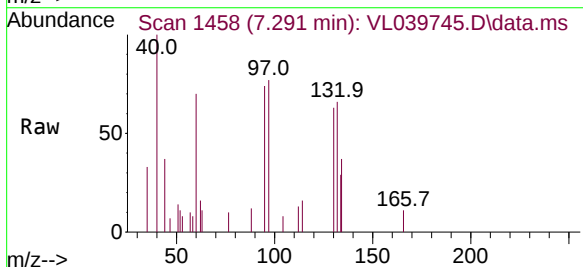
Ion Ratio Lower Upper

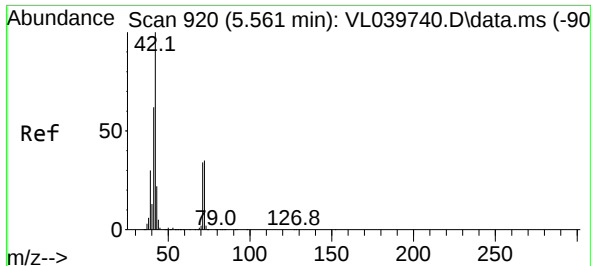
88 100

58 287.8 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 5.529 min Scan# 91

Delta R.T. -0.032 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

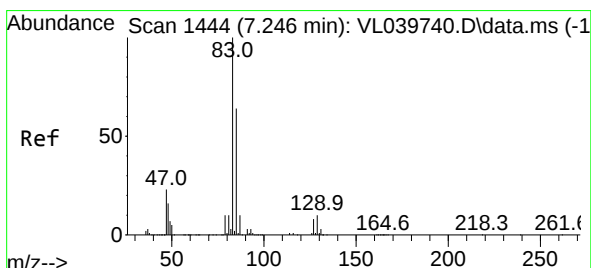
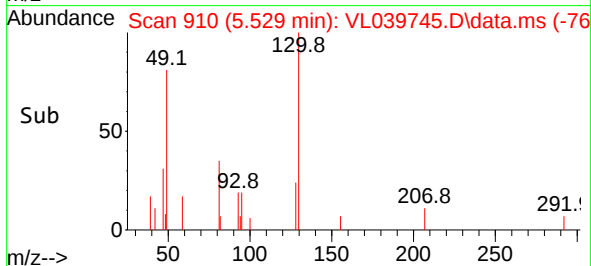
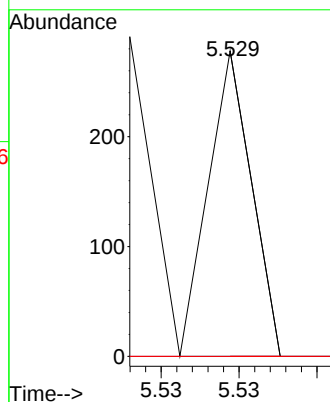
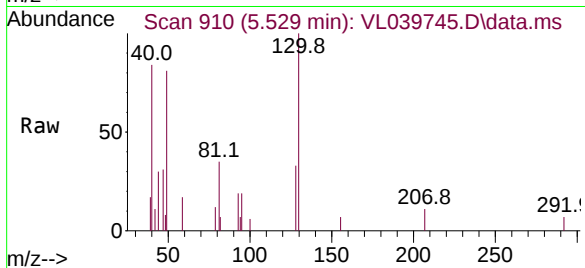
Tgt Ion: 42 Resp: 54

Ion Ratio Lower Upper

42 100

72 0.0 30.0 45.0#

71 0.0 29.3 43.9#



#42

Bromodichloromethane

Concen: 0.016 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

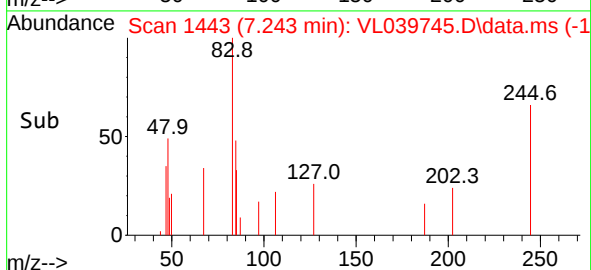
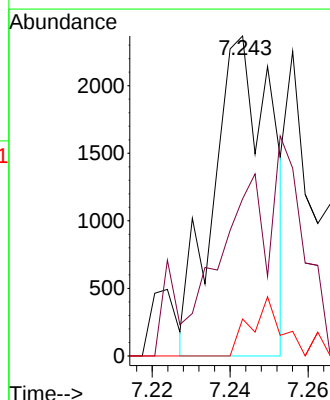
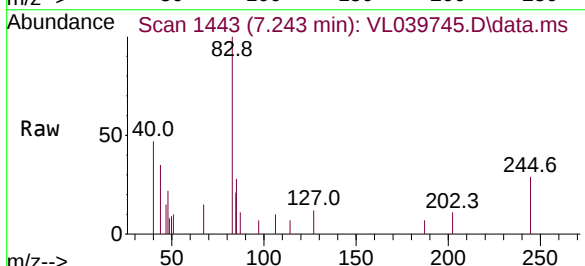
Tgt Ion: 83 Resp: 2452

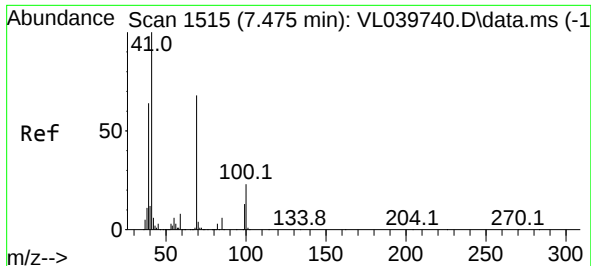
Ion Ratio Lower Upper

83 100

85 42.5 51.0 76.6#

127 12.5 6.5 9.7#

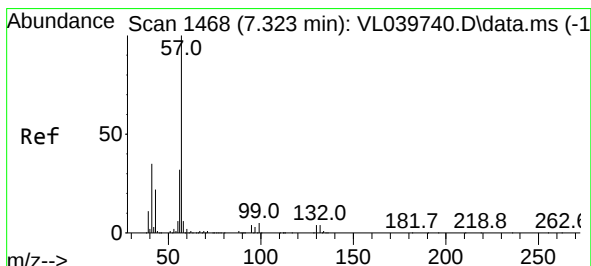
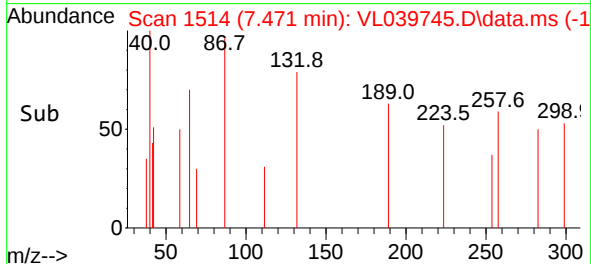
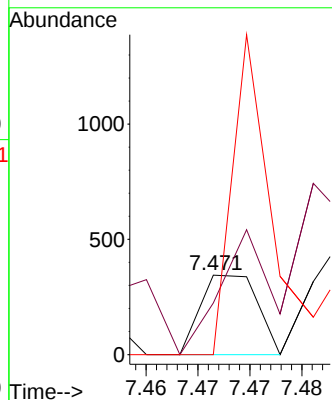
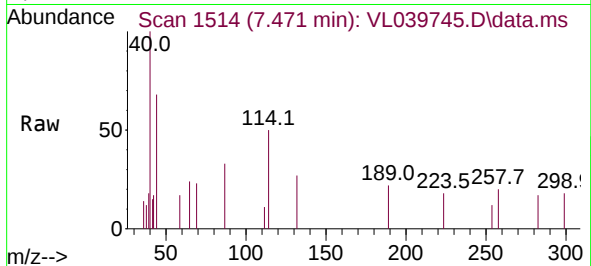




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 7.471 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

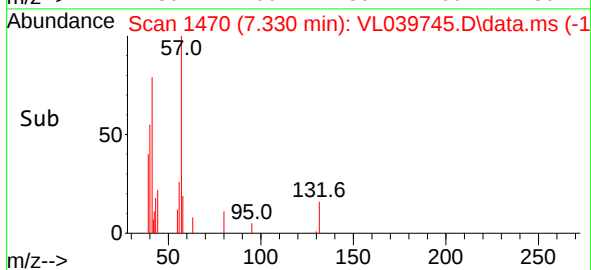
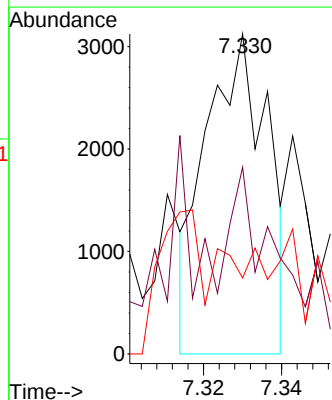
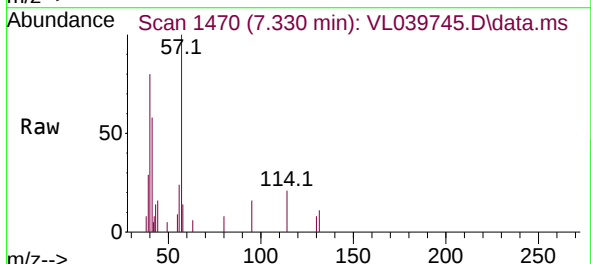
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

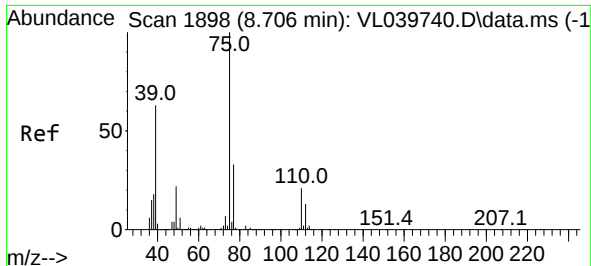
Tgt Ion: 69 Resp: 132
Ion Ratio Lower Upper
69 100
41 0.0 124.6 186.8#
100 456.1 27.5 41.3#



#44
2,2,4-Trimethylpentane
Concen: 0.010 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.007 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 57 Resp: 3435
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: 0.002 ppbv

RT: 8.709 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_1

ClientSampleId :

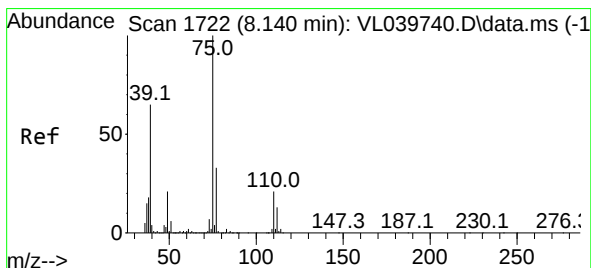
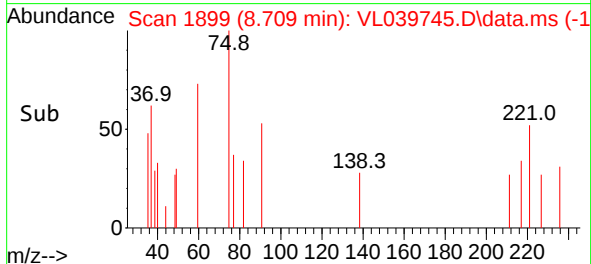
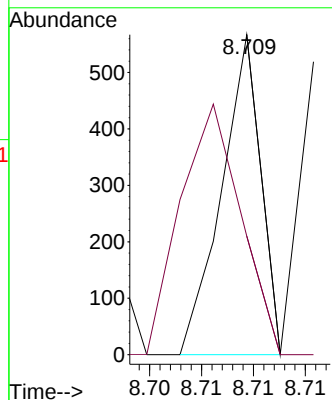
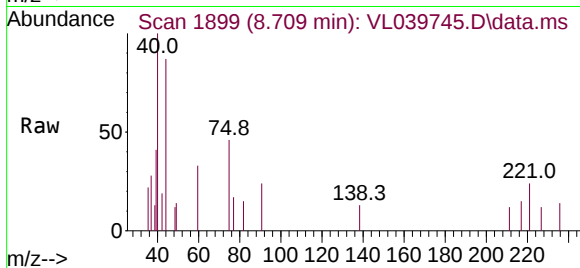
VSTDICC0.03

Tgt Ion: 75 Resp: 148

Ion Ratio Lower Upper

75 100

77 37.0 26.6 39.8



#46

cis-1,3-Dichloropropene

Concen: 0.005 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

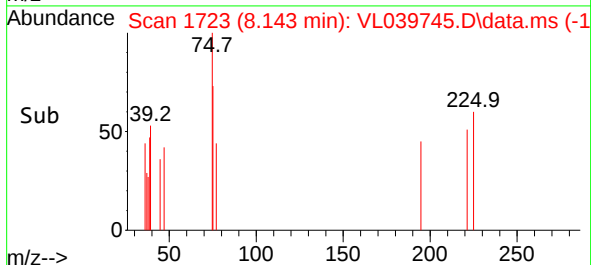
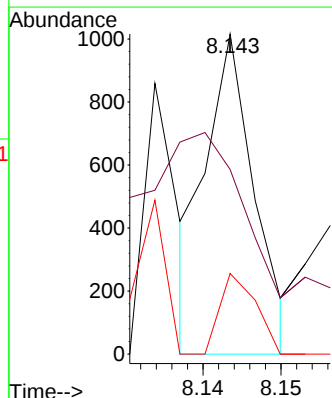
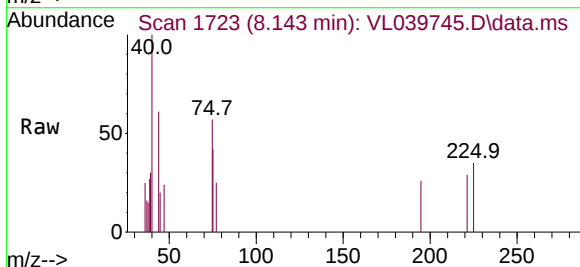
Tgt Ion: 75 Resp: 434

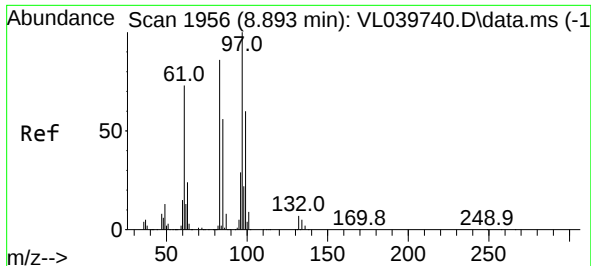
Ion Ratio Lower Upper

75 100

39 48.6 52.2 78.4#

77 30.5 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 0.015 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion: 97 Resp: 1235

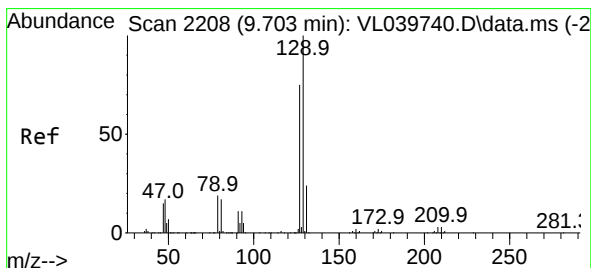
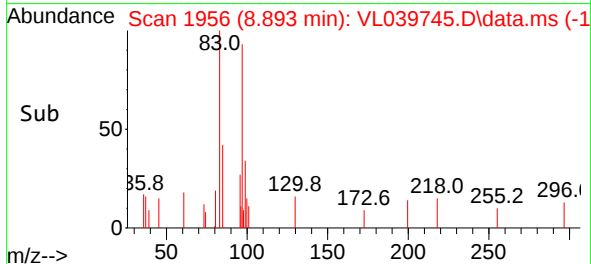
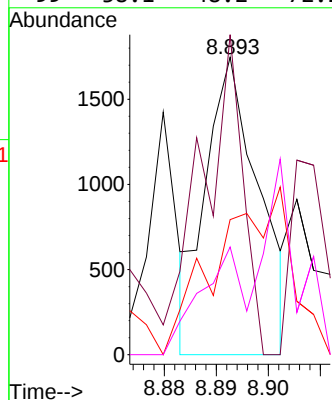
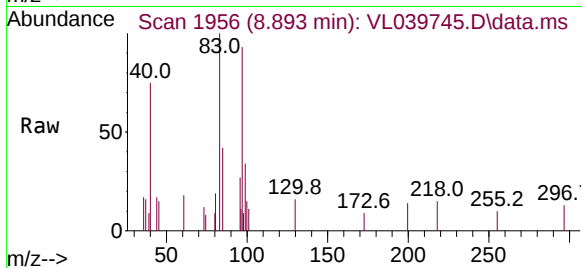
Ion Ratio Lower Upper

97 100

83 164.4 68.8 103.2#

85 46.4 44.8 67.2

99 38.1 48.2 72.2#



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 10.034 min Scan# 2311

Delta R.T. 0.331 min

Lab File: VL039745.D

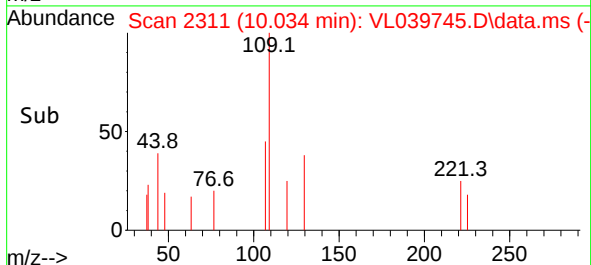
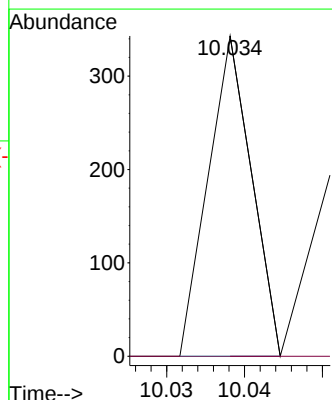
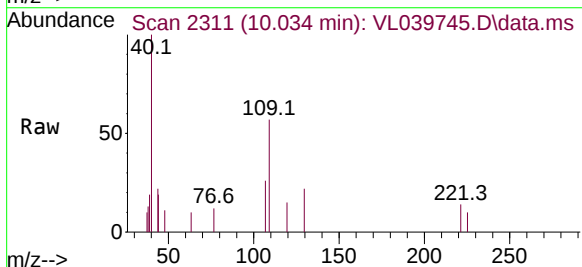
Acq: 21 Oct 2022 13:12

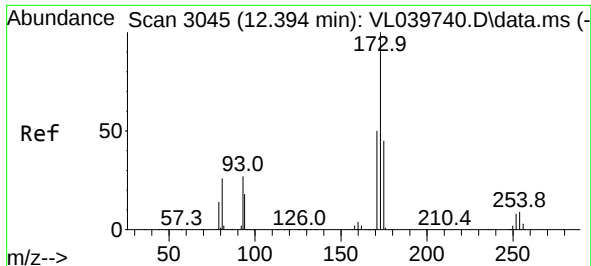
Tgt Ion: 129 Resp: 66

Ion Ratio Lower Upper

129 100

127 110.6 38.9 116.6

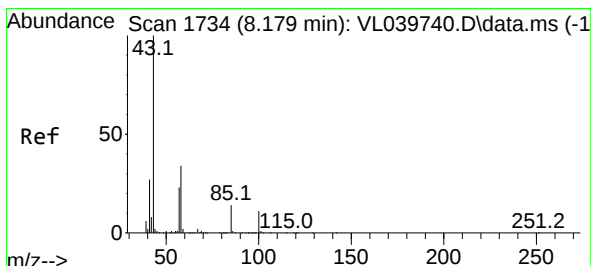
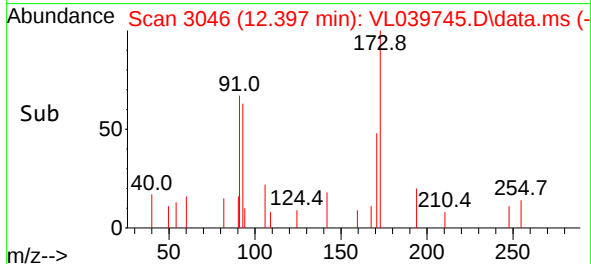
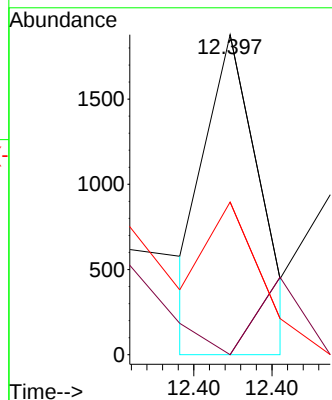
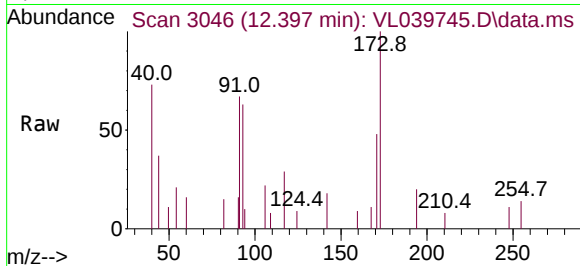




#49
Bromoform
Concen: 0.004 ppbv
RT: 12.397 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

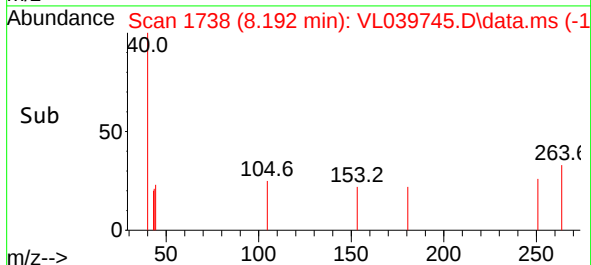
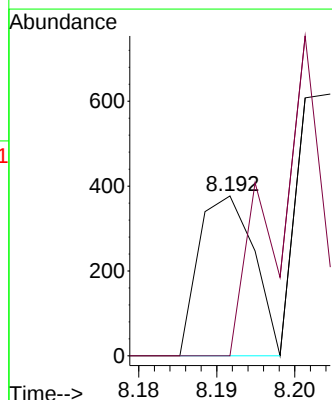
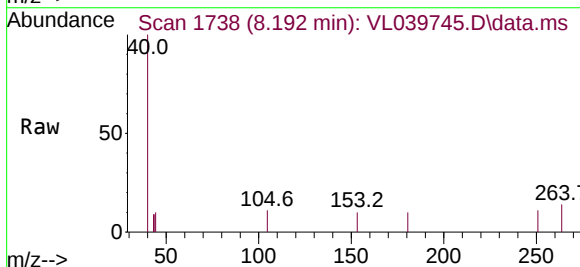
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

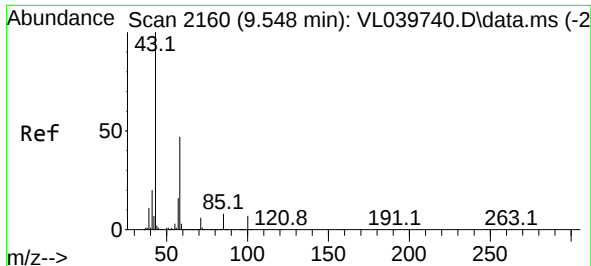
Tgt Ion:173 Resp: 447
Ion Ratio Lower Upper
173 100
175 112.1 39.4 59.0#
171 212.3 41.6 62.4#



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.013 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

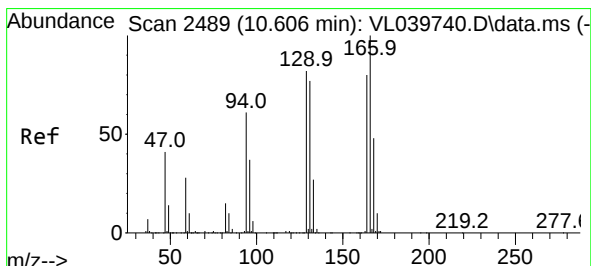
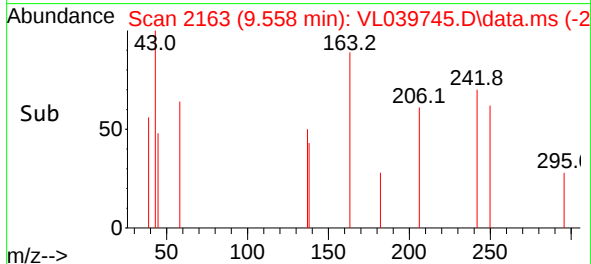
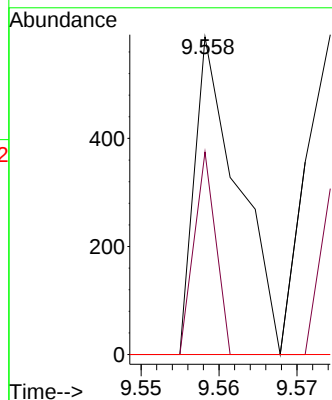
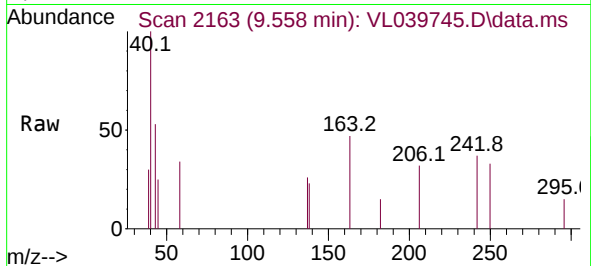




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

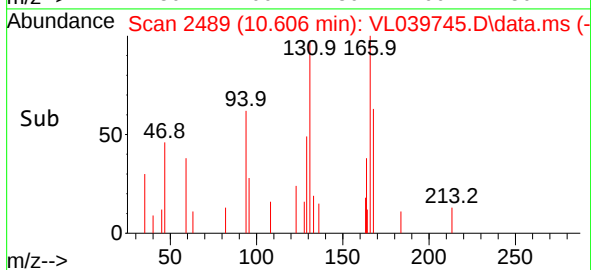
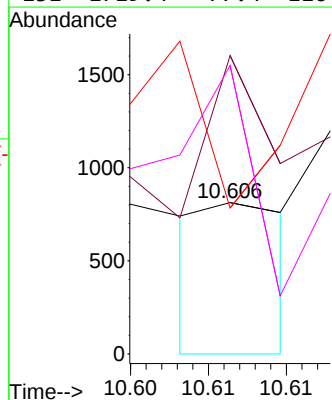
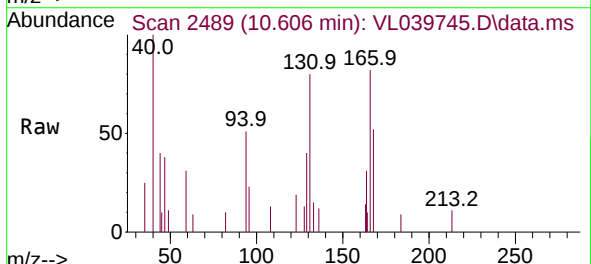
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

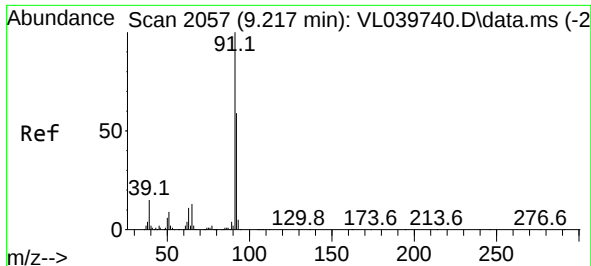
Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4#
98 14.5 0.6 0.8#



#52
Tetrachloroethene
Concen: 0.004 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.000 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 164 Resp: 304
Ion Ratio Lower Upper
164 100
166 1211.1 100.0 150.0#
129 0.0 82.1 123.1#
131 1719.4 77.4 116.0#

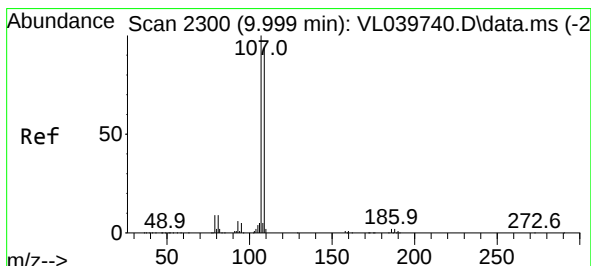
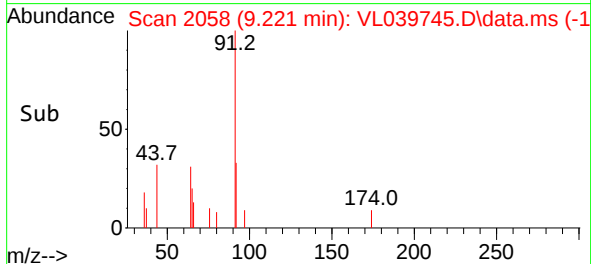
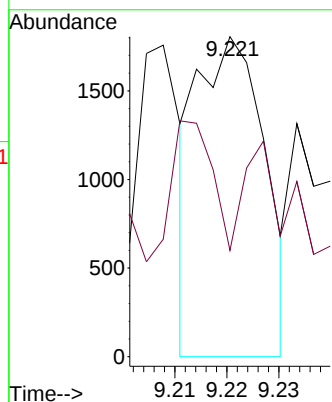
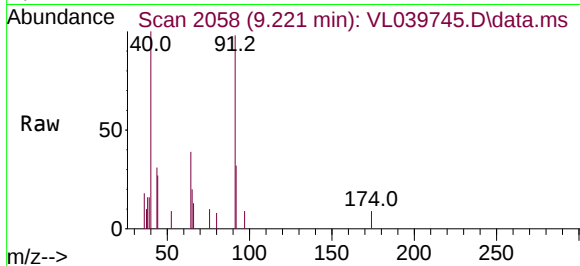




#53
Toluene
Concen: 0.008 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

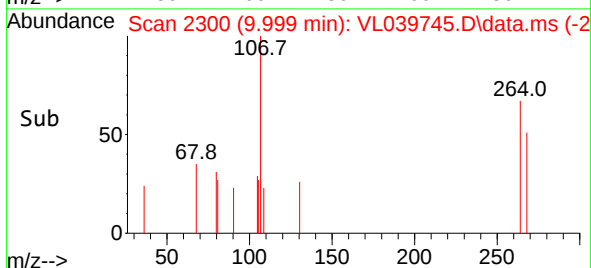
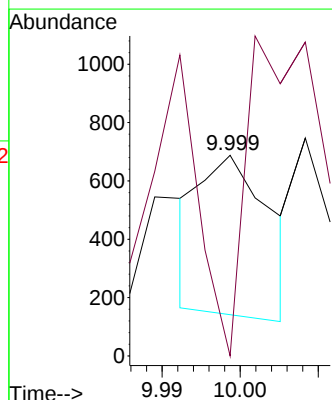
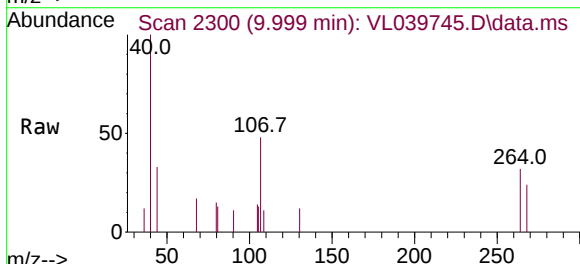
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

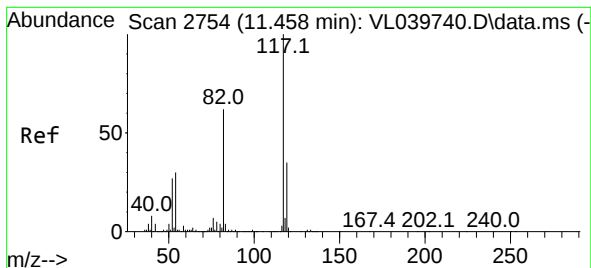
Tgt Ion: 91 Resp: 1644
Ion Ratio Lower Upper
91 100
92 0.0 47.7 71.5#



#54
1,2-Dibromoethane
Concen: 0.004 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 107 Resp: 337
Ion Ratio Lower Upper
107 100
109 0.0 75.2 112.8#

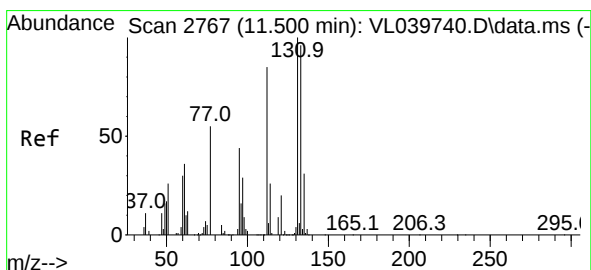
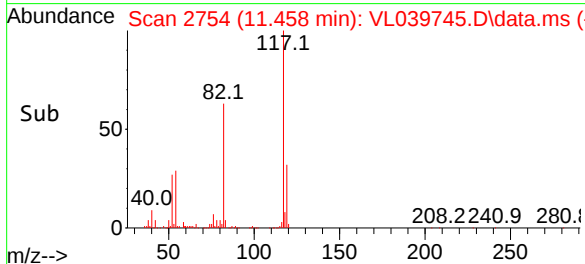
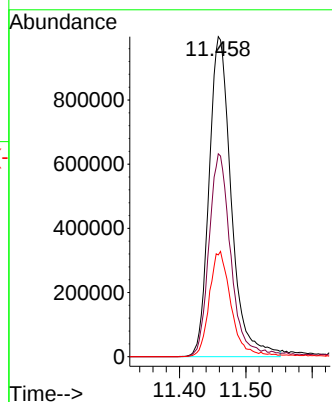
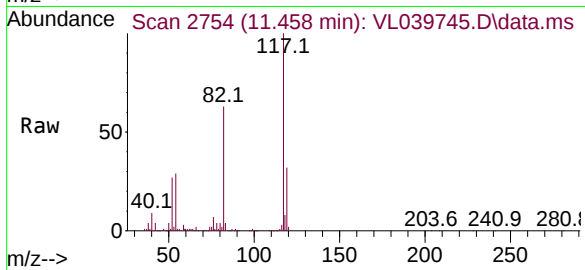




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.000 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

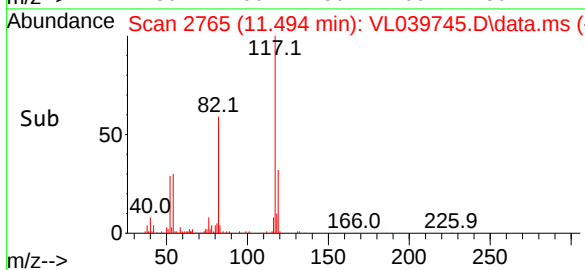
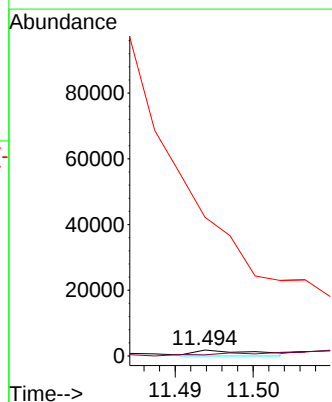
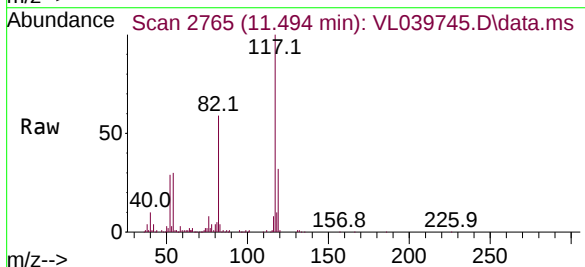
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

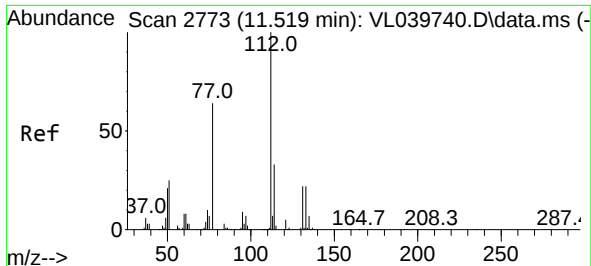
Tgt Ion:117 Resp: 2319941
Ion Ratio Lower Upper
117 100
82 64.5 51.4 77.0
119 33.1 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.010 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.006 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion:131 Resp: 985
Ion Ratio Lower Upper
131 100
133 0.0 77.2 115.8#
119 0.0 55.5 83.3#





#57

Chlorobenzene

Concen: 0.015 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

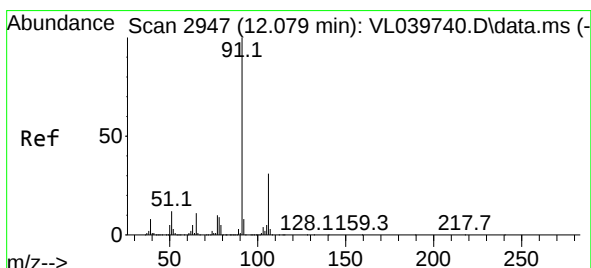
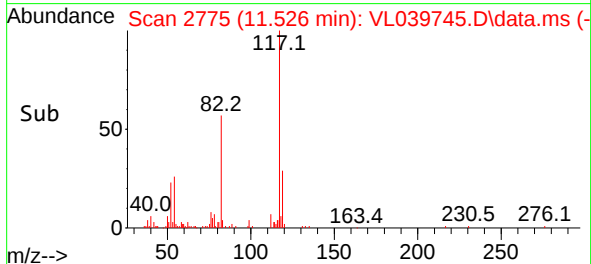
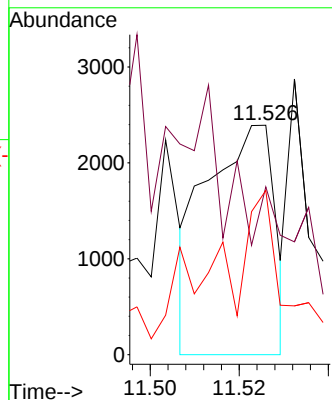
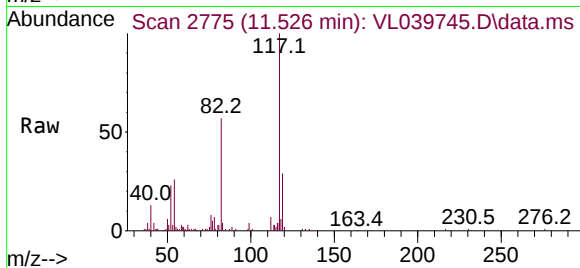
Tgt Ion:112 Resp: 2564

Ion Ratio Lower Upper

112 100

77 35.8 51.4 77.2#

114 84.8 30.0 36.6#



#58

Ethyl Benzene

Concen: 0.005 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. 0.016 min

Lab File: VL039745.D

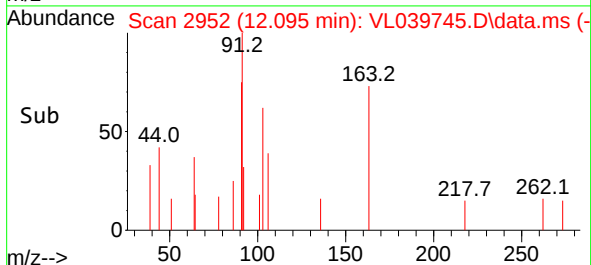
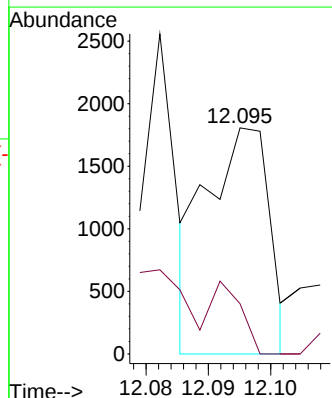
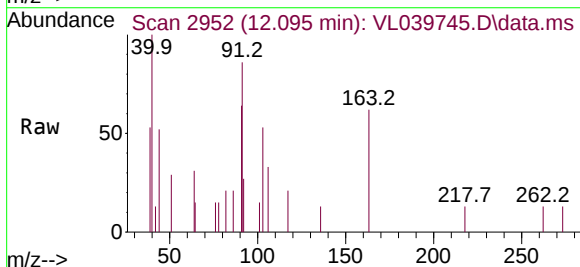
Acq: 21 Oct 2022 13:12

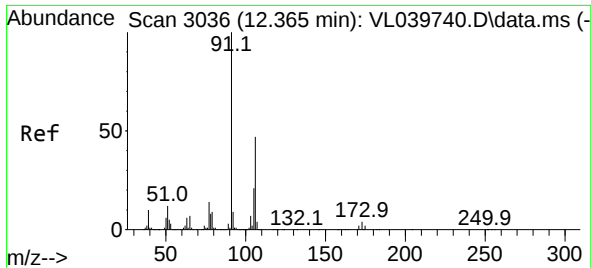
Tgt Ion: 91 Resp: 1269

Ion Ratio Lower Upper

91 100

106 28.6 24.6 36.8





#59

m/p-Xylene

Concen: 0.003 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_1

ClientSampleId :

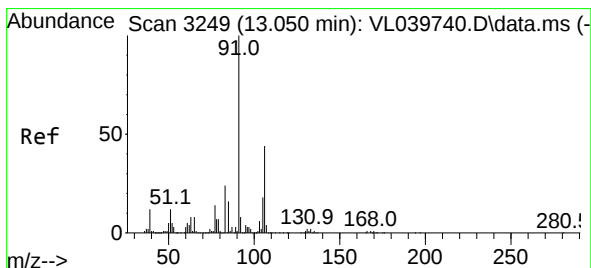
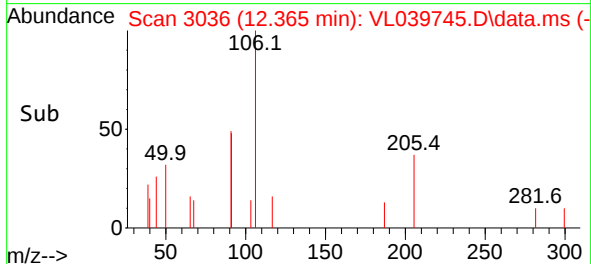
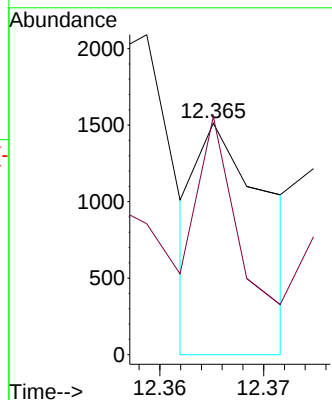
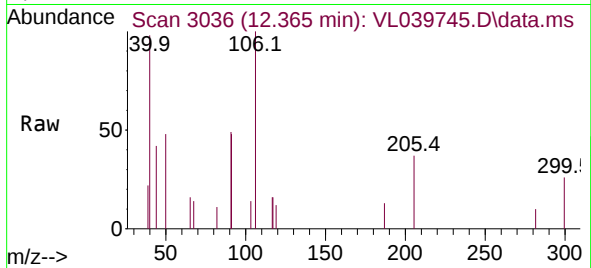
VSTDICC0.03

Tgt Ion: 91 Resp: 706

Ion Ratio Lower Upper

91 100

106 271.1 36.2 54.4#



#60

o-Xylene

Concen: 0.001 ppbv

RT: 13.092 min Scan# 3262

Delta R.T. 0.042 min

Lab File: VL039745.D

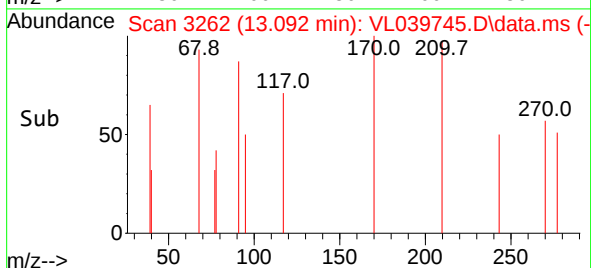
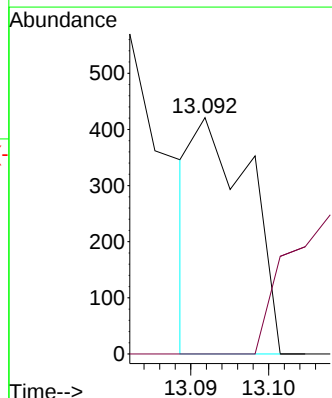
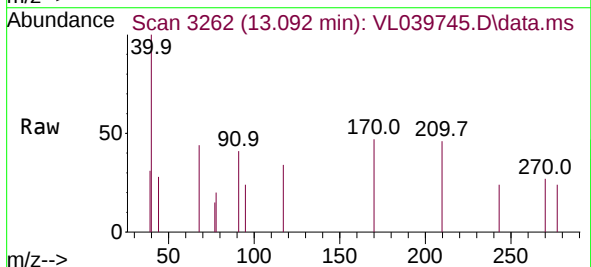
Acq: 21 Oct 2022 13:12

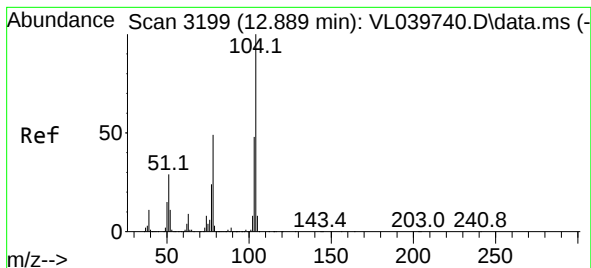
Tgt Ion: 91 Resp: 206

Ion Ratio Lower Upper

91 100

106 57.3 22.4 67.0





#61

Styrene

Concen: 0.002 ppbv

RT: 12.892 min Scan# 3199

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

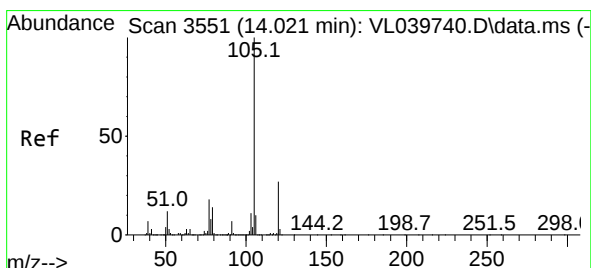
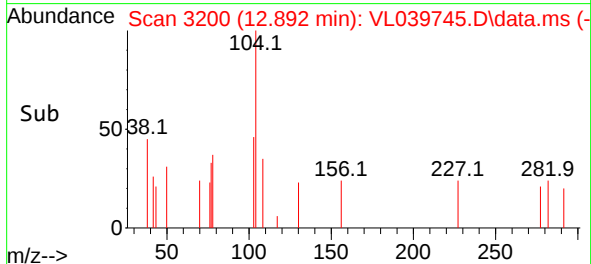
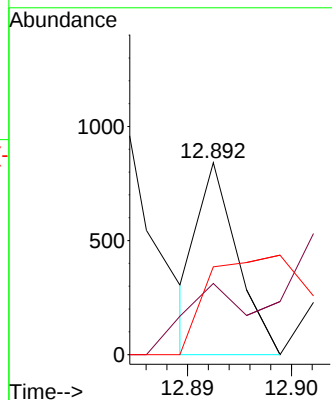
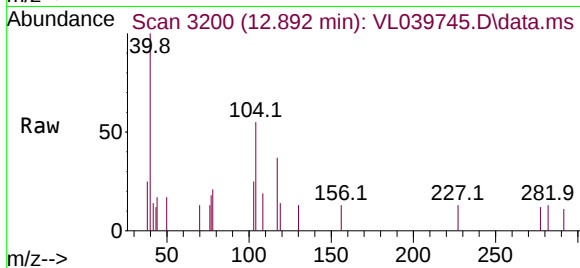
Tgt Ion:104 Resp: 217

Ion Ratio Lower Upper

104 100

78 0.0 39.6 59.4#

103 0.0 38.1 57.1#



#62

Isopropylbenzene

Concen: 0.005 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.003 min

Lab File: VL039745.D

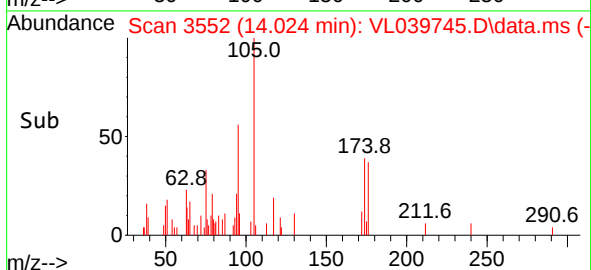
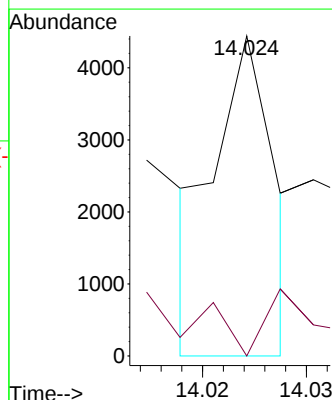
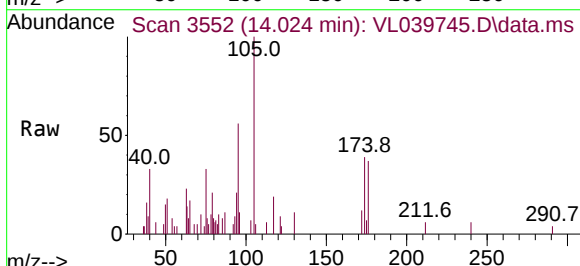
Acq: 21 Oct 2022 13:12

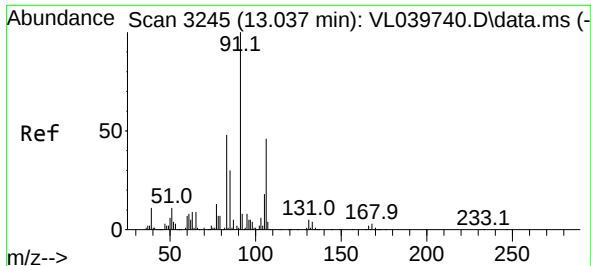
Tgt Ion:105 Resp: 1758

Ion Ratio Lower Upper

105 100

120 0.0 20.2 30.4#

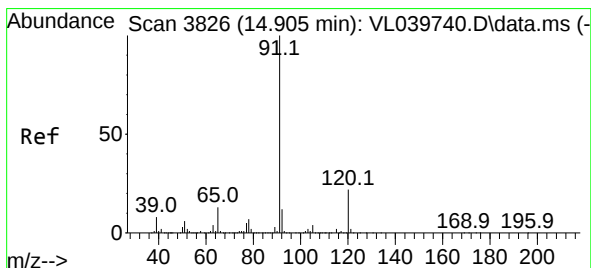
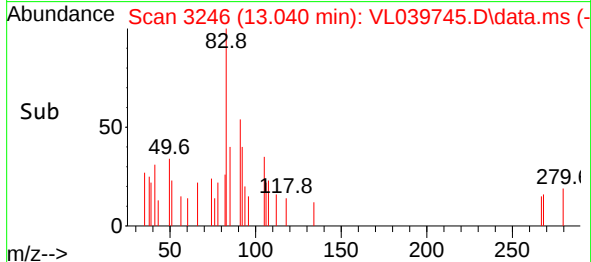
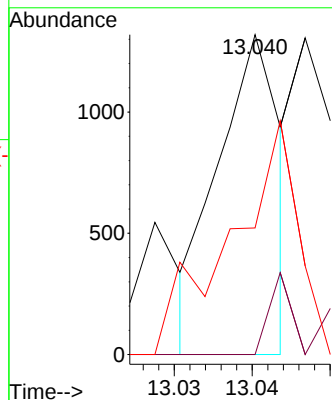
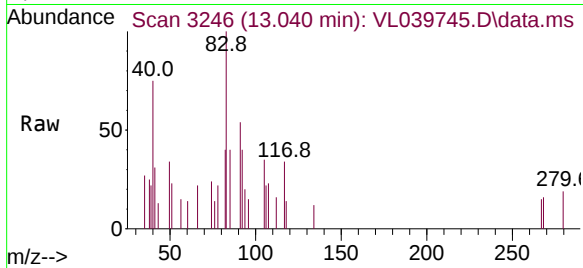




#63
1,1,2,2-Tetrachloroethane
Concen: 0.009 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

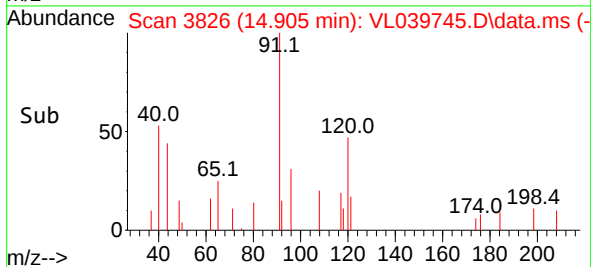
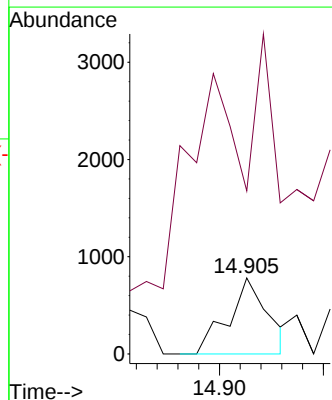
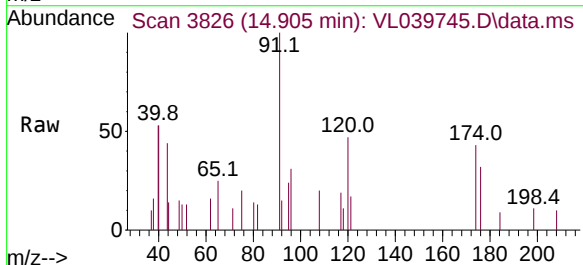
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

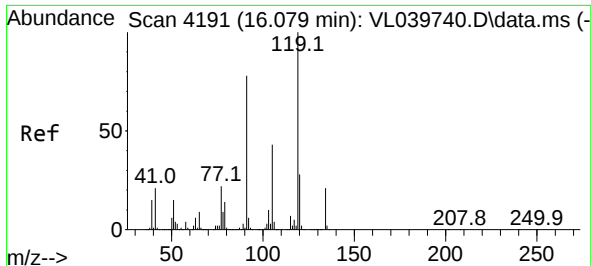
Tgt Ion: 83 Resp: 737
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 0.0 32.8 98.4#



#64
n-propylbenzene
Concen: 0.005 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 120 Resp: 413
Ion Ratio Lower Upper
120 100
91 1398.1 376.2 564.2#

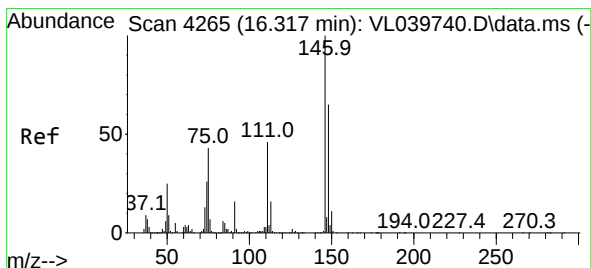
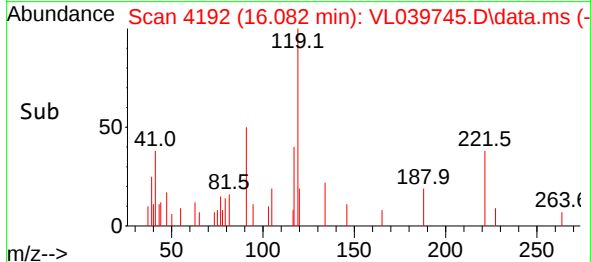
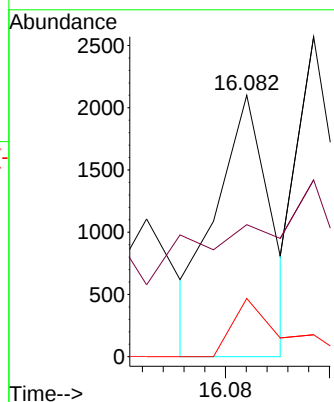
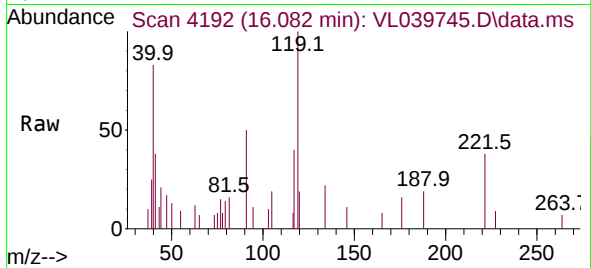




#65
tert-Butylbenzene
Concen: 0.003 ppbv
RT: 16.082 min Scan# 4191
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

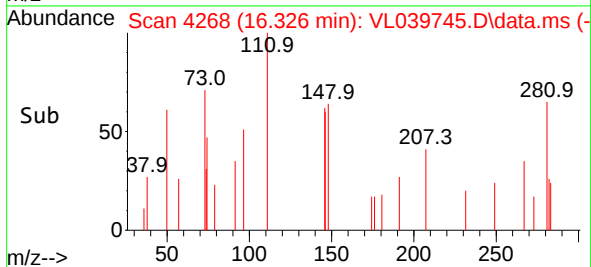
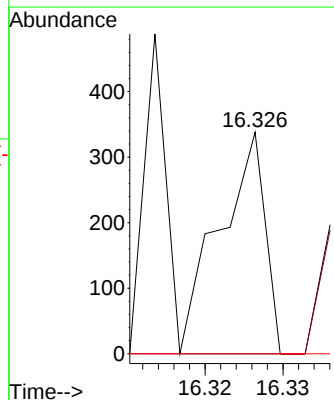
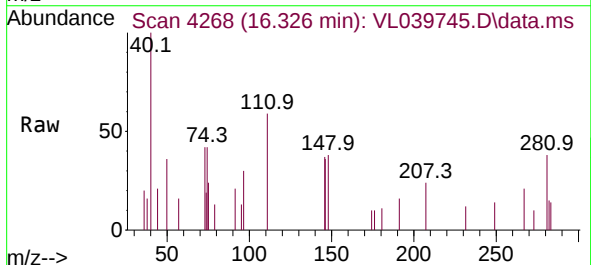
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

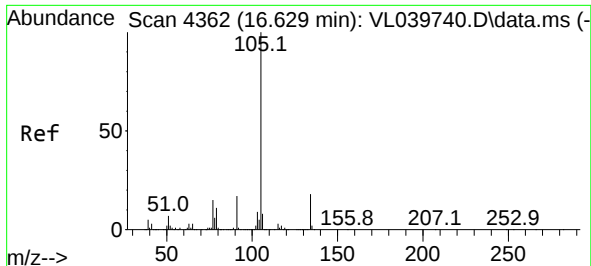
Tgt Ion:	119	Resp:	771
Ion	Ratio	Lower	Upper
119	100		
91	0.0	64.2	96.2#
134	29.6	15.5	23.3#



#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.010 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion:	91	Resp:	138
Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.6	18.8#
128	0.0	4.2	6.2#

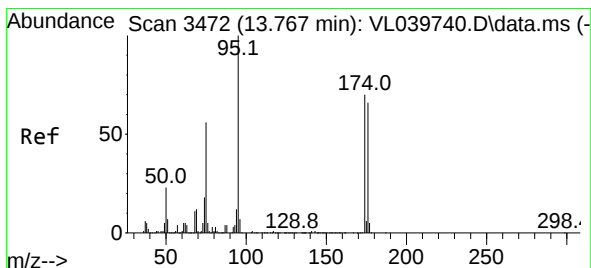
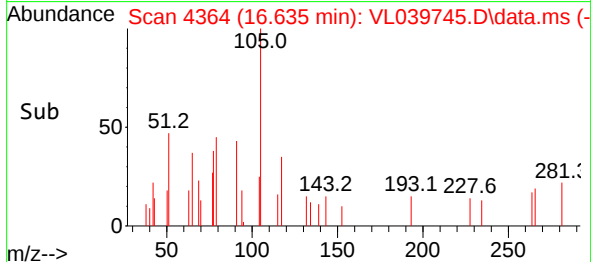
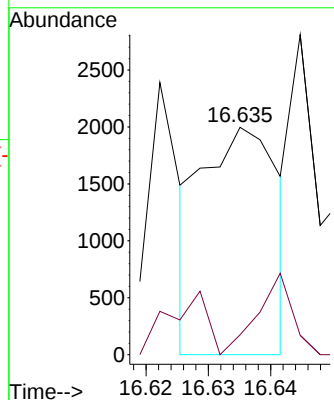
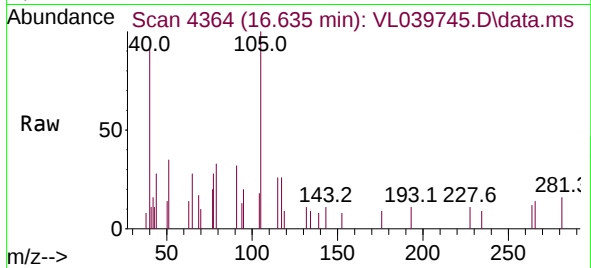




#67
 sec-Butylbenzene
 Concen: 0.004 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

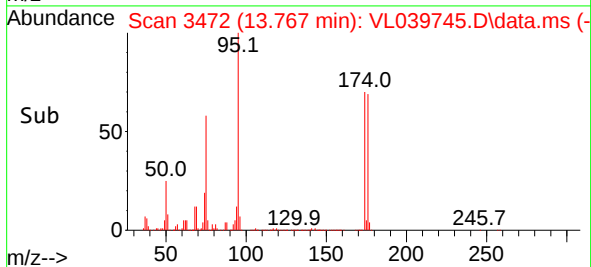
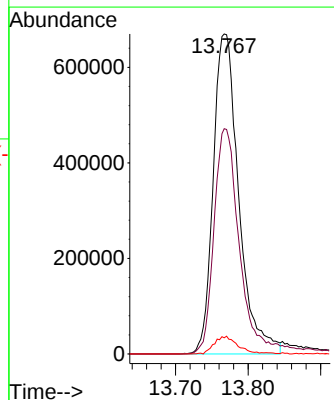
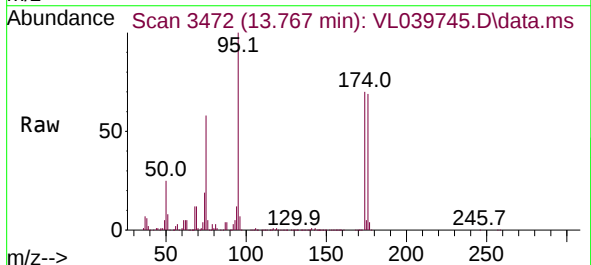
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

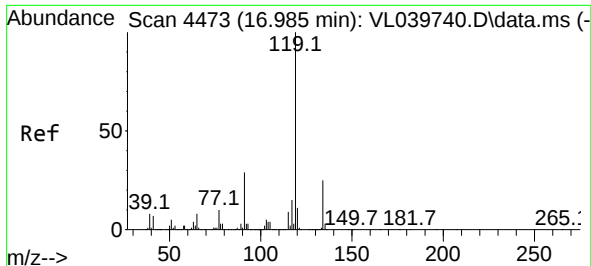
Tgt Ion:105 Resp: 1686
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.957 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039745.D
 Acq: 21 Oct 2022 13:12

Tgt Ion: 95 Resp: 1639724
 Ion Ratio Lower Upper
 95 100
 174 72.8 56.5 84.7
 175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.005 ppbv

RT: 16.986 min Scan# 4473

Delta R.T. 0.000 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

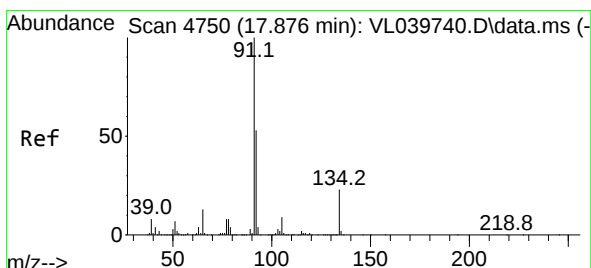
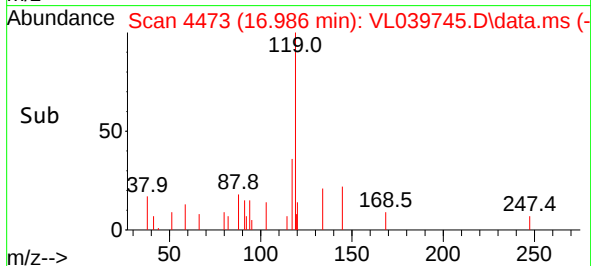
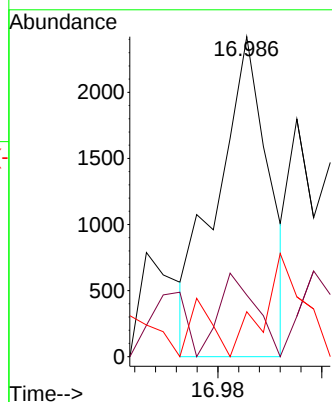
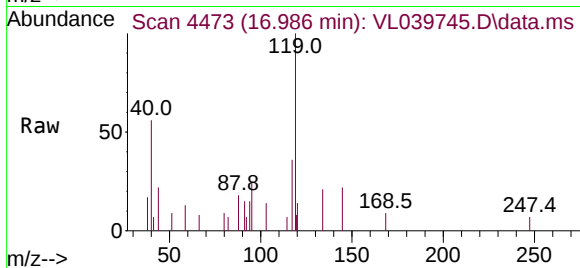
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion:	119	Resp:	1680
Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.8#
91	0.0	22.7	34.1#



#70

n-Butylbenzene

Concen: 0.002 ppbv

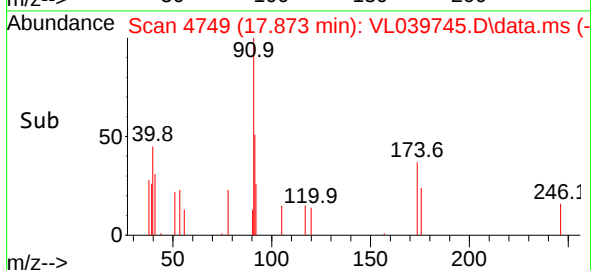
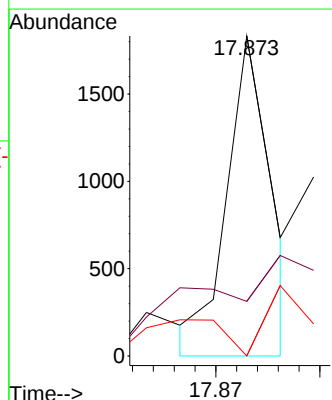
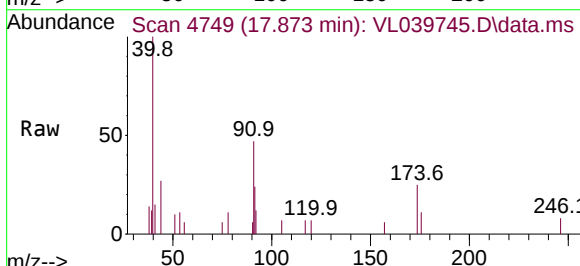
RT: 17.873 min Scan# 4749

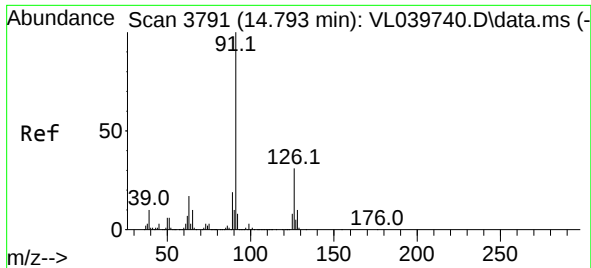
Delta R.T. -0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Tgt Ion:	91	Resp:	546
Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.3	64.9#
134	0.0	18.4	27.6#

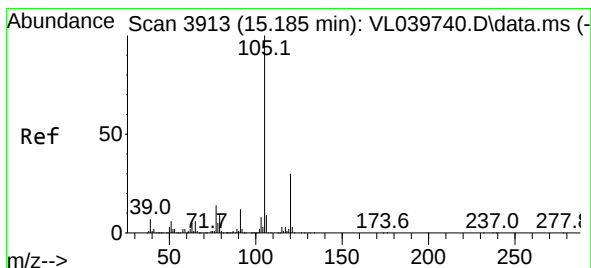
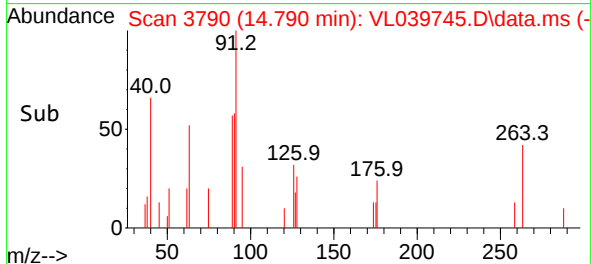
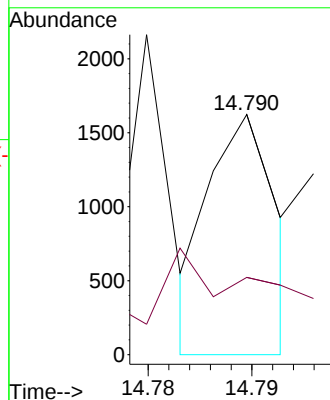
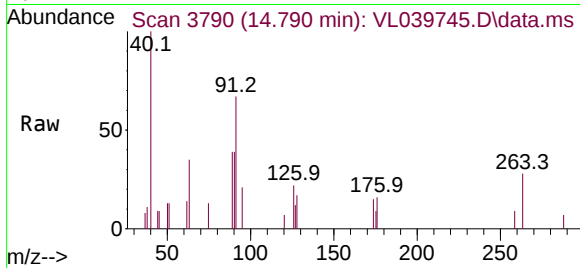




#71
2-Chlorotoluene
Concen: 0.003 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

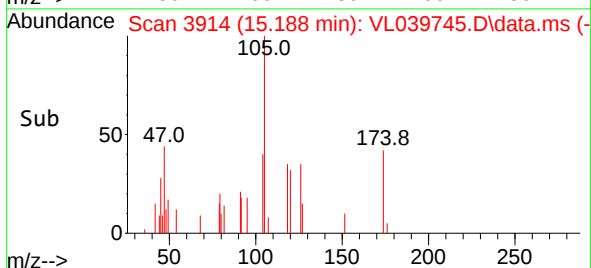
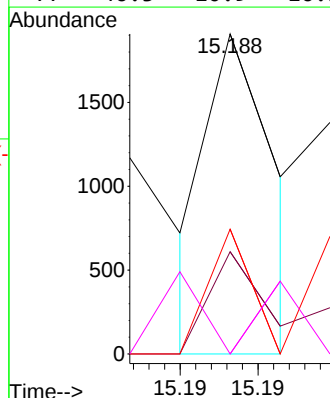
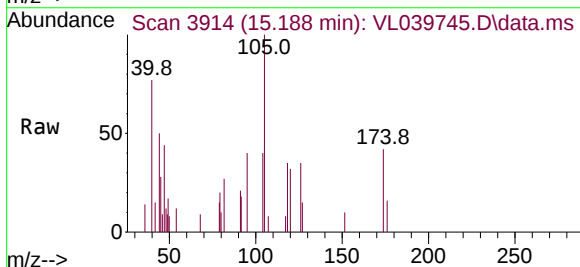
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

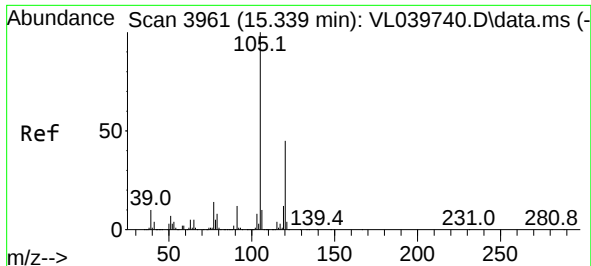
Tgt Ion: 91 Resp: 732
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.7#



#72
4-Ethyltoluene
Concen: 0.002 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion: 105 Resp: 572
Ion Ratio Lower Upper
105 100
120 171.2 23.9 35.9#
91 91.8 10.3 15.5#
77 46.3 10.9 16.3#

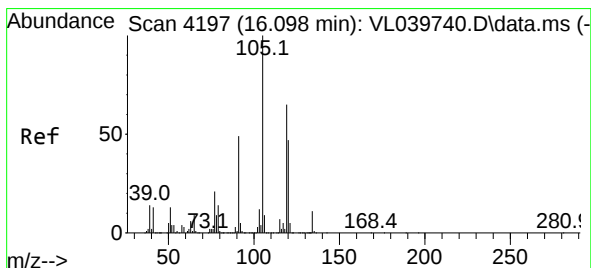
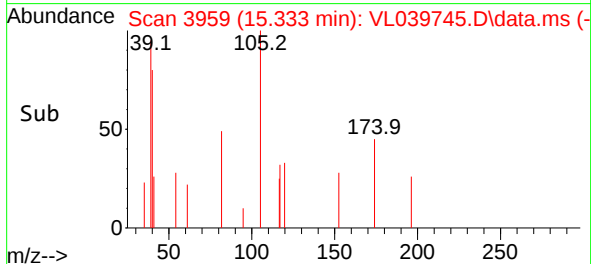
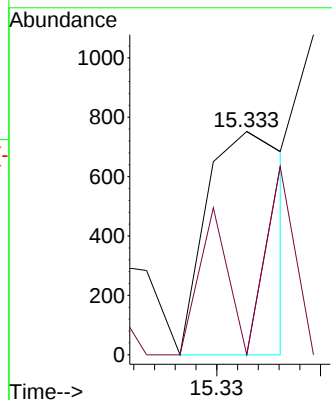
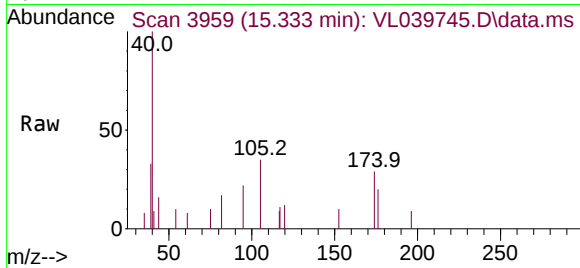




#73
1,3,5-Trimethylbenzene
Concen: 0.002 ppbv
RT: 15.333 min Scan# 3959
Delta R.T. -0.006 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

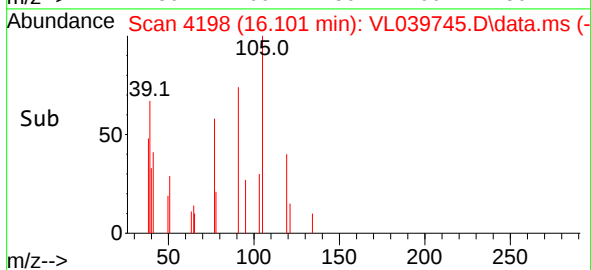
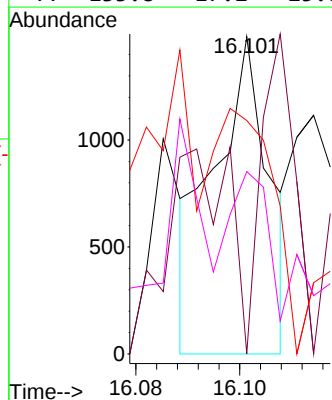
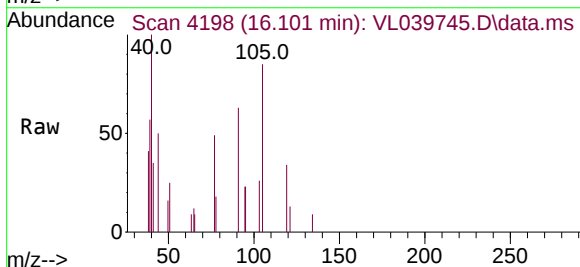
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

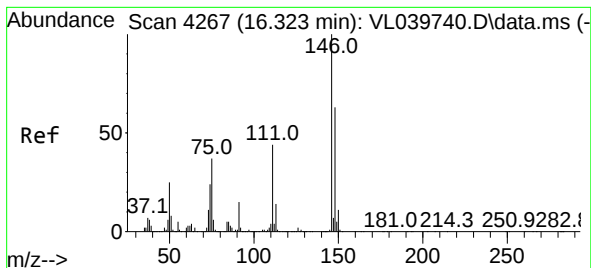
Tgt Ion:105 Resp: 403
Ion Ratio Lower Upper
105 100
120 0.0 35.6 53.4#



#74
1,2,4-Trimethylbenzene
Concen: 0.004 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL039745.D
Acq: 21 Oct 2022 13:12

Tgt Ion:105 Resp: 1097
Ion Ratio Lower Upper
105 100
120 0.0 37.6 56.4#
91 52.7 40.1 60.1
77 133.8 17.2 25.8#





#75

1,3-Dichlorobenzene

Concen: 0.003 ppbv

RT: 16.326 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

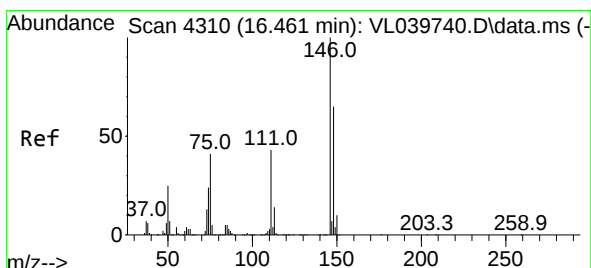
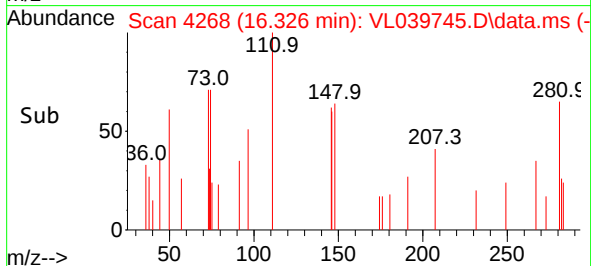
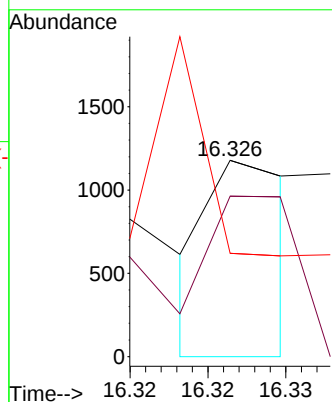
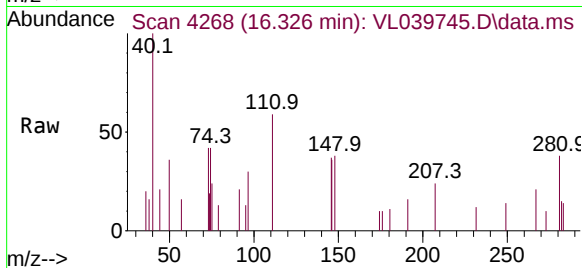
Tgt Ion:146 Resp: 437

Ion Ratio Lower Upper

146 100

111 179.6 22.8 68.3#

148 668.6 32.6 97.7#



#76

1,4-Dichlorobenzene

Concen: 0.011 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

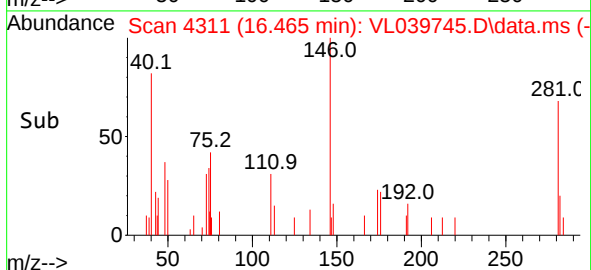
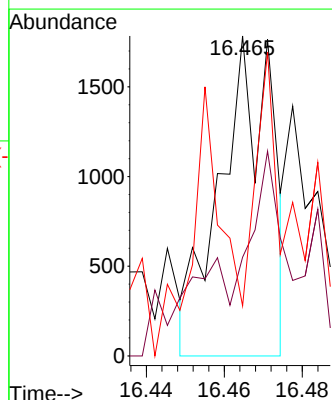
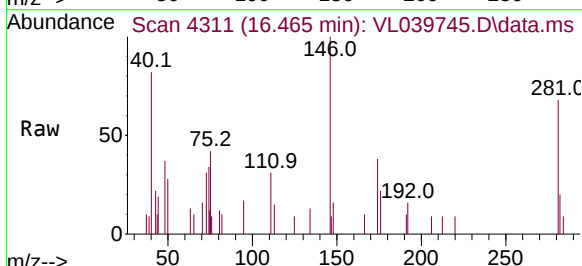
Tgt Ion:146 Resp: 1634

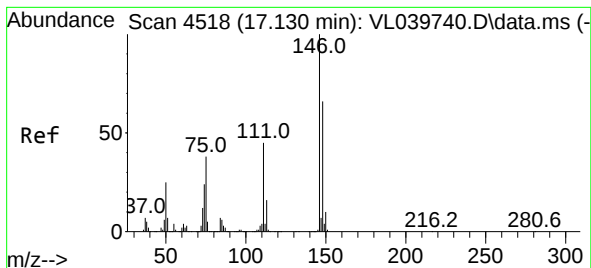
Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.5#

148 0.0 33.2 99.6#





#77

1,2-Dichlorobenzene

Concen: 0.006 ppbv

RT: 17.133 min Scan# 4518

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

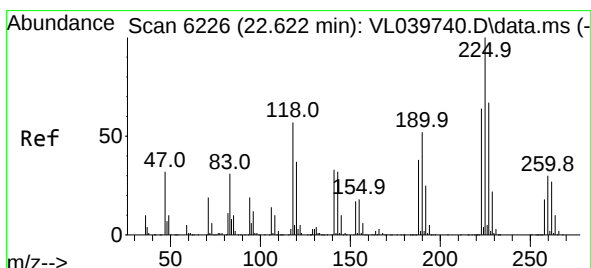
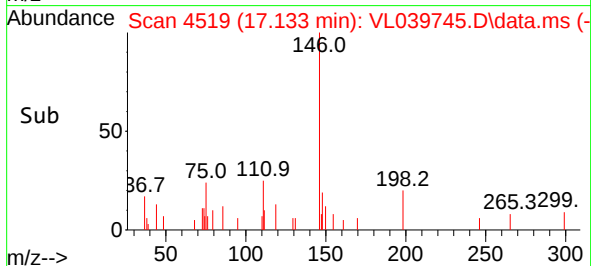
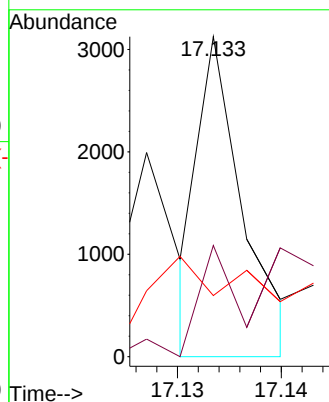
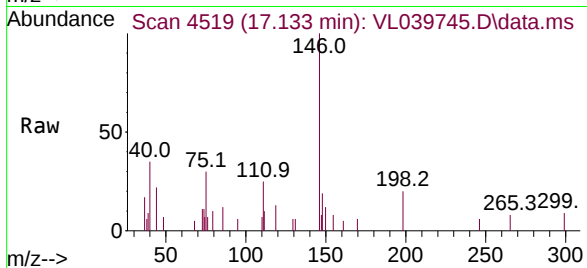
Tgt Ion:146 Resp: 932

Ion Ratio Lower Upper

146 100

111 207.3 23.6 70.8#

148 0.0 32.8 98.3#



#78

Hexachloro-1,3-Butadiene

Concen: 0.004 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. 0.003 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

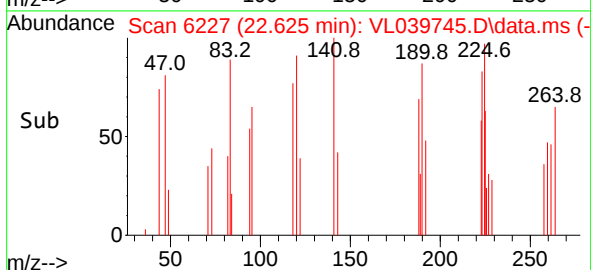
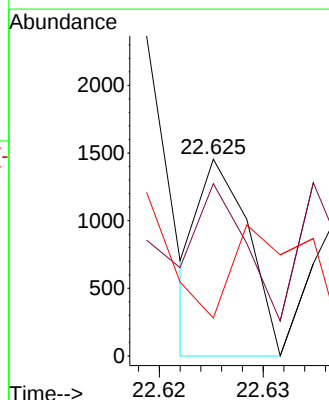
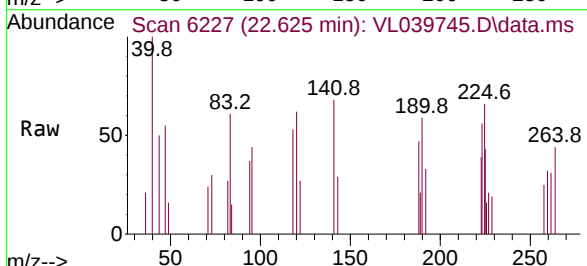
Tgt Ion:225 Resp: 476

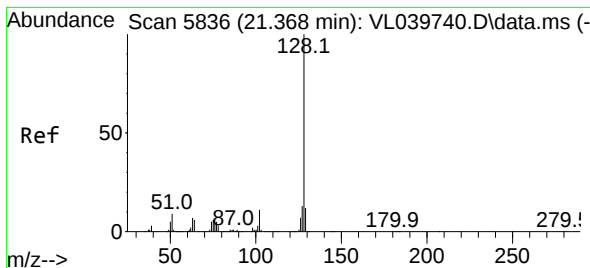
Ion Ratio Lower Upper

225 100

223 0.0 52.4 78.6#

227 0.0 52.7 79.1#





#79

Naphthalene

Concen: 0.001 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. 0.000 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

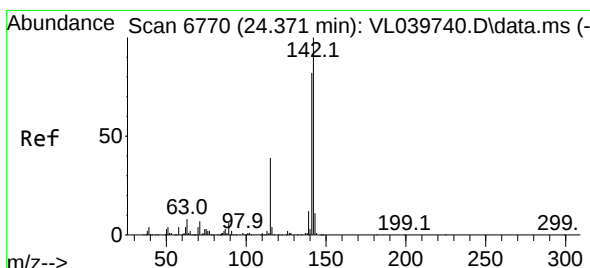
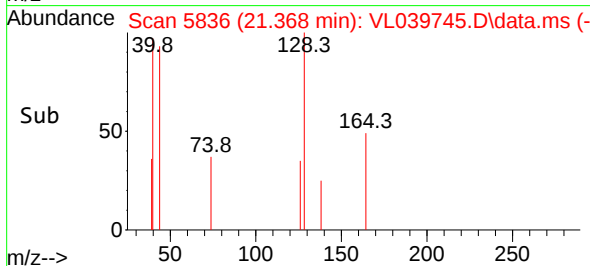
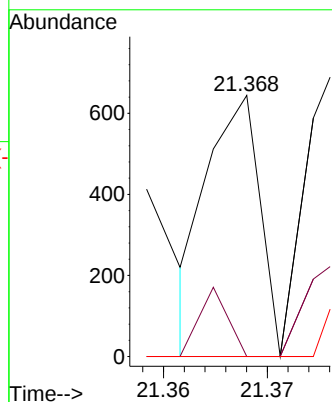
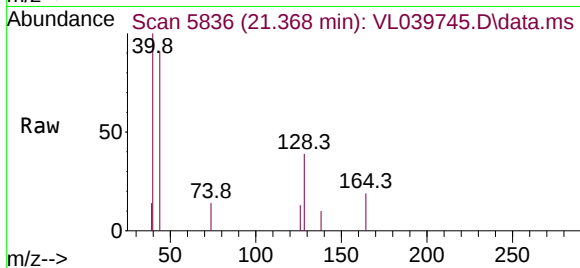
Tgt Ion:128 Resp: 223

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 9.4 14.0#



#80

Naphthalene,2-methyl-

Concen: 0.002 ppbv

RT: 24.432 min Scan# 6789

Delta R.T. 0.061 min

Lab File: VL039745.D

Acq: 21 Oct 2022 13:12

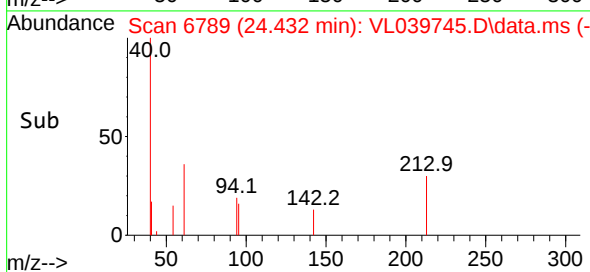
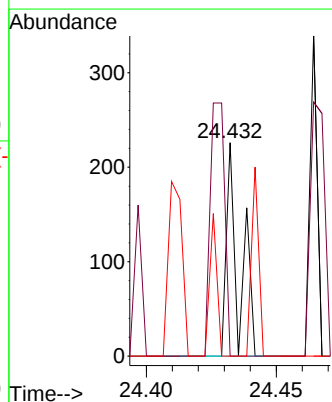
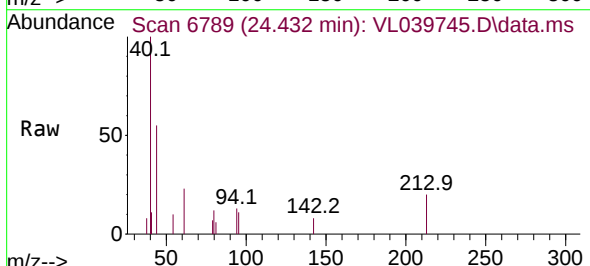
Tgt Ion:142 Resp: 74

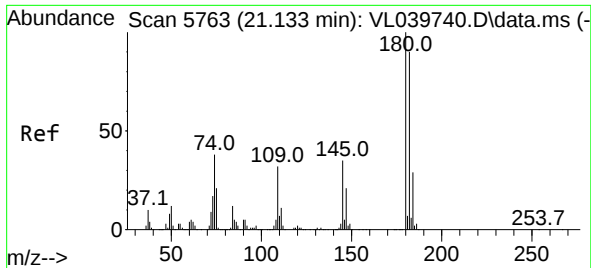
Ion Ratio Lower Upper

142 100

141 182.4 70.0 105.0#

115 52.7 32.5 48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.003 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL039745.D

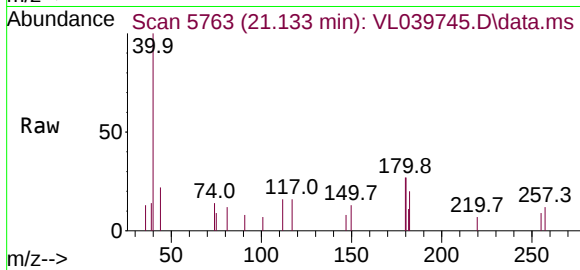
Acq: 21 Oct 2022 13:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:	180	Resp:	330
Ion	Ratio	Lower	Upper
180	100		
182	443.3	0.0	0.0#
184	0.0	0.0	0.0

