

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039743.D
 Acq On : 21 Oct 2022 11:58
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Oct 22 03:03:36 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	983768	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2838697	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2508337	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1786042	10.031	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.877	85	81497	0.495	ppbv	91
3) Chlorodifluoromethane	2.693	51	66143	0.528	ppbv	98
4) Chloromethane	2.832	50	41444	0.528	ppbv	92
5) Vinyl Chloride	2.938	62	29001	0.471	ppbv	90
6) Bromomethane	3.137	94	11125	0.488	ppbv #	75
7) Chloroethane	3.218	64	10131	0.444	ppbv	94
8) Dichlorotetrafluoroethane	2.877	85	81497	0.533	ppbv	99
9) Propene	2.716	41	29808	0.521	ppbv	94
10) Heptane	7.578	43	55407	0.417	ppbv	93
11) Trichlorofluoromethane	3.574	101	77471	0.505	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.079	101	36133	0.293	ppbv #	34
13) Ethanol	3.272	45	2430	0.623	ppbv	97
14) Bromoethene	3.382	108	22582	0.481	ppbv #	86
15) Acetone	3.497	43	49391	0.416	ppbv #	76
16) 1,3-Butadiene	3.002	39	26280	0.441	ppbv	88
17) tert-Butyl alcohol	3.912	59	42980	0.426	ppbv #	89
18) 1,1-Dichloroethene	3.915	96	3509	0.066	ppbv	89
19) Isopropyl Alcohol	3.610	45	17893	0.308	ppbv #	76
20) Methylene Chloride	3.944	84	26588	0.557	ppbv #	92
21) Allyl Chloride	4.012	41	32974	0.402	ppbv #	82
22) trans-1,2-Dichloroethene	4.455	96	26875	0.500	ppbv	93
23) Vinyl Acetate	4.645	43	15635	0.312	ppbv #	70
24) 1,1-Dichloroethane	4.578	63	24209	0.212	ppbv	98
25) Ethyl Acetate	5.221	43	116919	0.491	ppbv #	97
26) Hexane	5.221	57	47685	0.492	ppbv	90
27) Carbon Disulfide	4.137	76	47322	0.390	ppbv #	49
28) Methyl tert-Butyl Ether	4.616	73	42083	0.458	ppbv	94
29) Chloroform	5.279	83	78227	0.504	ppbv #	83
30) Cyclohexane	6.610	84	34043	0.418	ppbv	86
31) cis-1,2-Dichloroethene	5.086	61	37330	0.430	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	66949	0.497	ppbv	92
34) 2-Butanone	4.809	43	60031	0.458	ppbv	97
35) Carbon Tetrachloride	6.491	117	48240	0.328	ppbv	94
36) Benzene	6.369	78	98005	0.457	ppbv	97
37) 1,2-Dichloroethane	5.812	62	49529	0.429	ppbv	96
38) Trichloroethene	7.288	130	35772	0.311	ppbv	94
39) 1,2-Dichloropropane	7.073	63	37132	0.452	ppbv #	89
40) 1,4-Dioxane	7.285	88	419	0.013	ppbv #	1
41) Tetrahydrofuran	5.584	42	30409	0.362	ppbv #	86
42) Bromodichloromethane	7.246	83	68606	0.433	ppbv	99
43) Methyl Methacrylate	7.475	69	11577	0.150	ppbv #	1
44) 2,2,4-Trimethylpentane	7.324	57	164863	0.454	ppbv	95
45) t-1,3-Dichloropropene	8.709	75	10470	0.164	ppbv	99

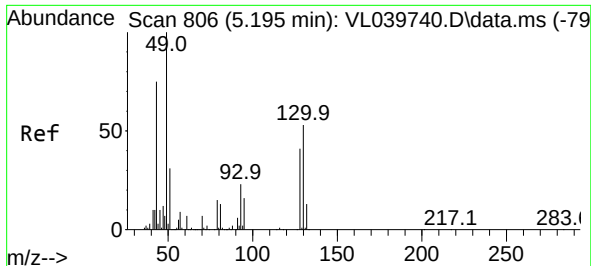
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
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Quant Time: Oct 22 03:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : 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	8.137	75	7658	0.085	ppbv #	53
47) 1,1,2-Trichloroethane	8.893	97	33891	0.380	ppbv	94
48) Dibromochloromethane	9.703	129	50900	0.378	ppbv	92
49) Bromoform	12.394	173	22300	0.206	ppbv #	34
50) 4-Methyl-2-Pentanone	8.204	43	63206	0.296	ppbv #	85
51) 2-Hexanone	9.561	43	14973	0.098	ppbv #	31
52) Tetrachloroethene	10.610	164	26106	0.338	ppbv	84
53) Toluene	9.221	91	90882	0.393	ppbv	97
54) 1,2-Dibromoethane	10.002	107	39112	0.436	ppbv	84
56) 1,1,1,2-Tetrachloroethane	11.500	131	48019	0.472	ppbv #	1
57) Chlorobenzene	11.516	112	88253	0.480	ppbv #	87
58) Ethyl Benzene	12.073	91	39924	0.138	ppbv	100
59) m/p-Xylene	12.365	91	40701	0.159	ppbv #	1
60) o-Xylene	13.050	91	99159	0.405	ppbv	99
61) Styrene	12.892	104	31370	0.245	ppbv #	72
62) Isopropylbenzene	14.024	105	161184	0.442	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.040	83	9988	0.107	ppbv #	1
64) n-propylbenzene	14.908	120	15043	0.164	ppbv #	1
65) tert-Butylbenzene	16.085	119	134173	0.420	ppbv	92
66) Benzyl Chloride	16.320	91	1802	0.081	ppbv #	1
67) sec-Butylbenzene	16.629	105	185151	0.419	ppbv	97
69) p-Isopropyltoluene	16.989	119	142120	0.399	ppbv	94
70) n-Butylbenzene	17.883	91	132494	0.386	ppbv	98
71) 2-Chlorotoluene	14.789	91	108877	0.419	ppbv	98
72) 4-Ethyltoluene	15.182	105	103910	0.380	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.336	105	38694	0.152	ppbv	98
74) 1,2,4-Trimethylbenzene	16.098	105	115364	0.413	ppbv	95
75) 1,3-Dichlorobenzene	16.320	146	62686	0.374	ppbv	80
76) 1,4-Dichlorobenzene	16.458	146	30254	0.185	ppbv #	6
77) 1,2-Dichlorobenzene	17.130	146	35322	0.217	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.616	225	11689	0.099	ppbv #	1
79) Naphthalene	21.368	128	22822	0.139	ppbv #	87
80) Naphthalene,2-methyl-	24.381	142	9491	0.194	ppbv	88
81) 1,2,4-Trichlorobenzene	21.136	180	22619	0.206	ppbv #	100

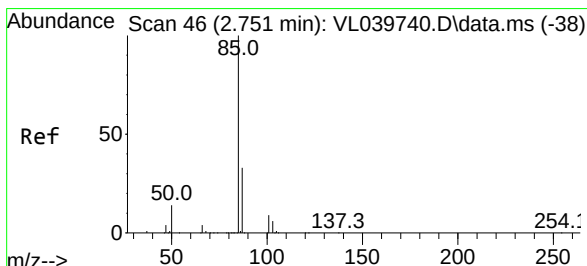
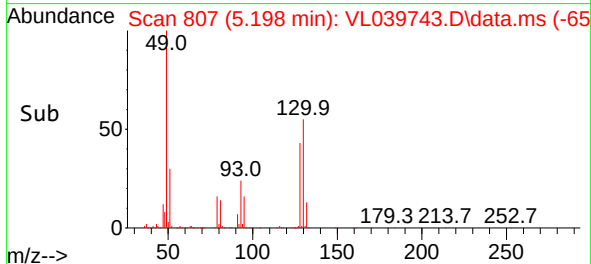
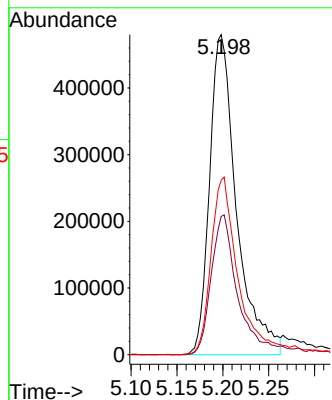
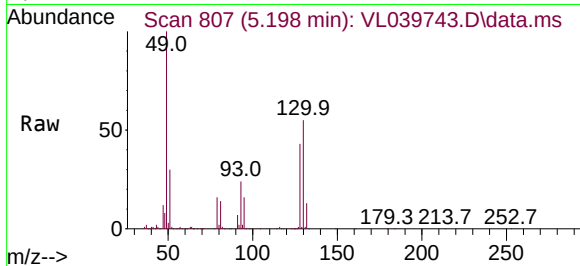
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

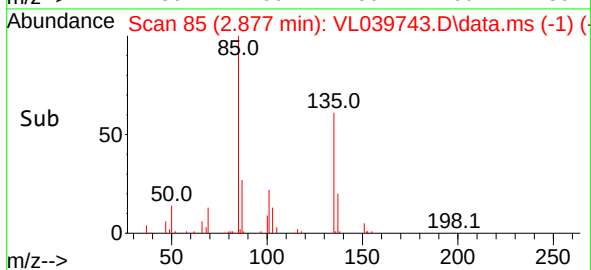
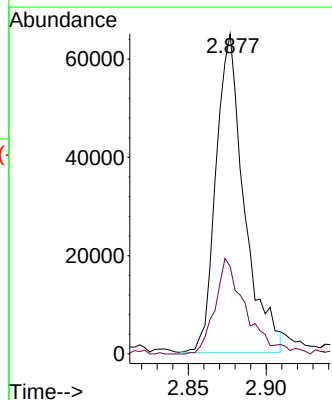
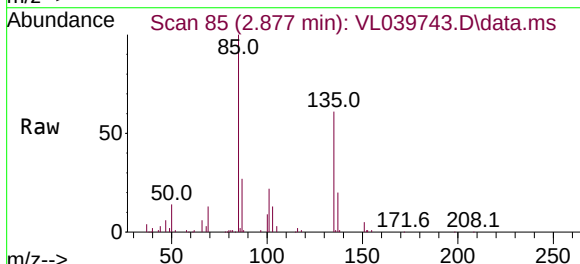
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MSVOA_L
ClientSampleId :
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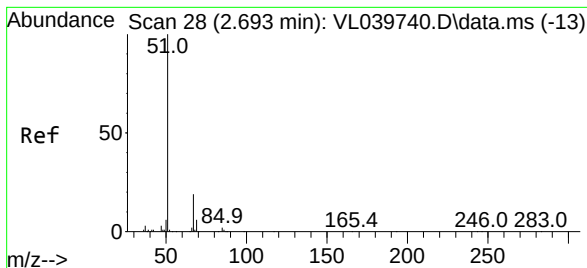
Tgt Ion: 49 Resp: 983768
Ion Ratio Lower Upper
49 100
128 45.7 22.6 67.8
130 58.5 29.0 87.0



#2
Dichlorodifluoromethane
Concen: 0.495 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.125 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 85 Resp: 81497
Ion Ratio Lower Upper
85 100
87 28.3 26.6 40.0

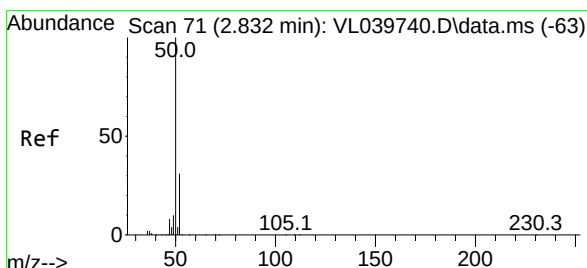
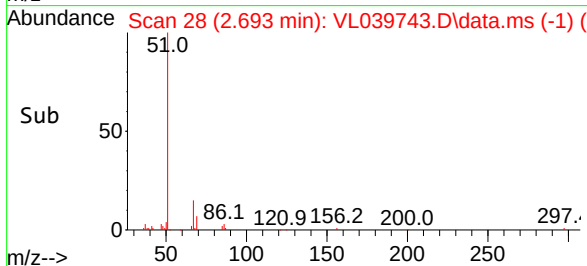
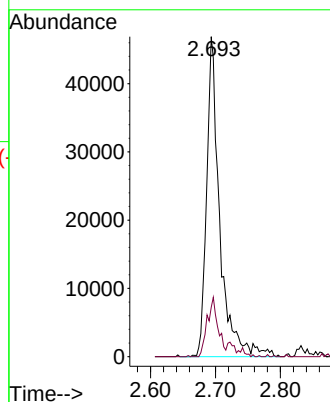
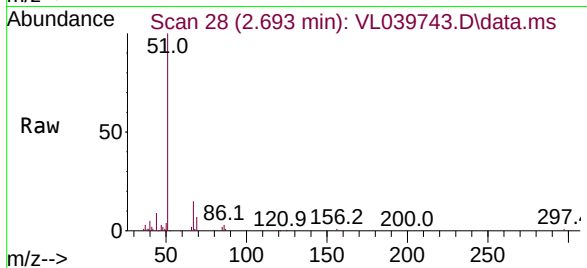




#3
 Chlorodifluoromethane
 Concen: 0.528 ppbv
 RT: 2.693 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

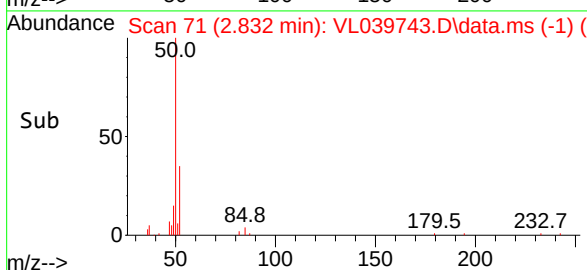
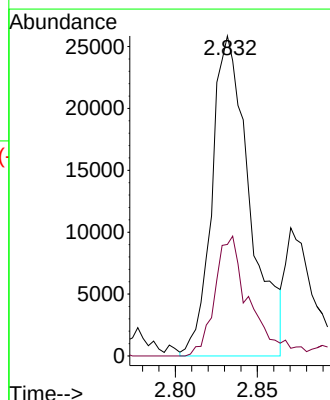
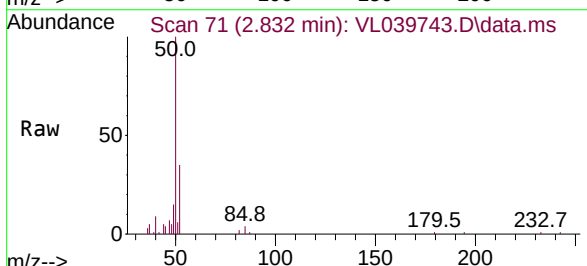
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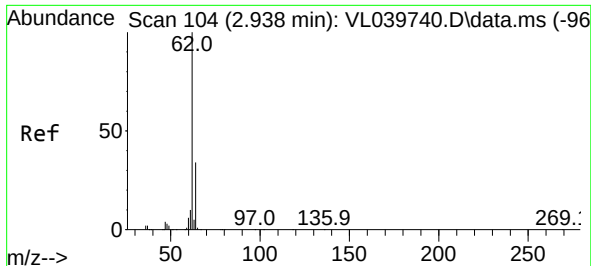
Tgt Ion: 51 Resp: 66143
 Ion Ratio Lower Upper
 51 100
 67 18.9 14.6 21.8



#4
 Chloromethane
 Concen: 0.528 ppbv
 RT: 2.832 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Tgt Ion: 50 Resp: 41444
 Ion Ratio Lower Upper
 50 100
 52 35.3 24.8 37.2

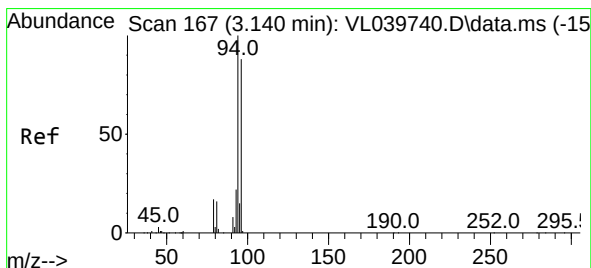
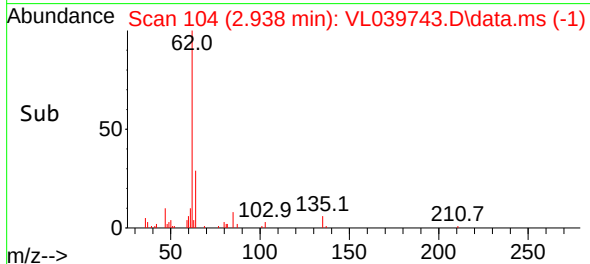
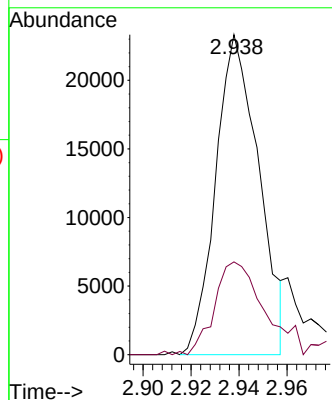
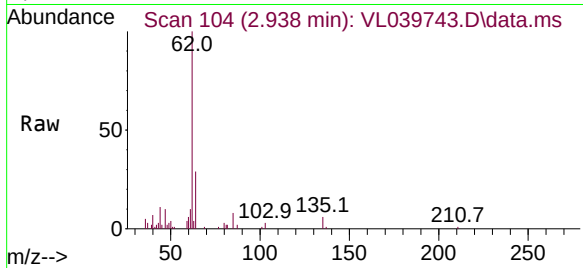




#5
 Vinyl Chloride
 Concen: 0.471 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

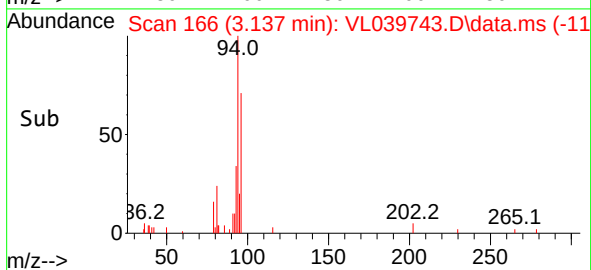
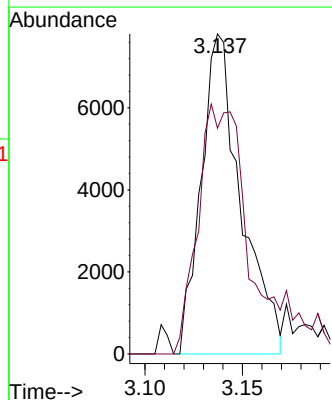
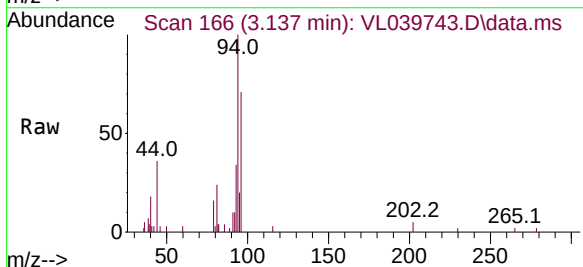
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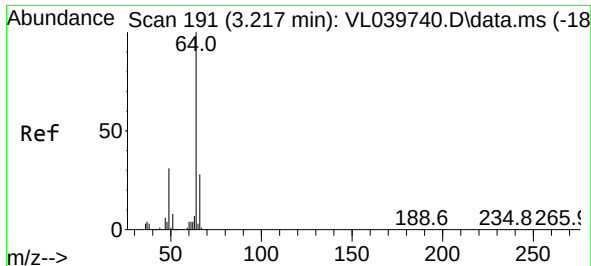
Tgt Ion: 62 Resp: 29001
 Ion Ratio Lower Upper
 62 100
 64 28.0 27.1 40.7



#6
 Bromomethane
 Concen: 0.488 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Tgt Ion: 94 Resp: 11125
 Ion Ratio Lower Upper
 94 100
 96 65.2 70.5 105.7#

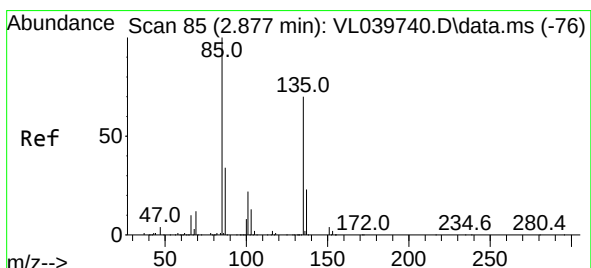
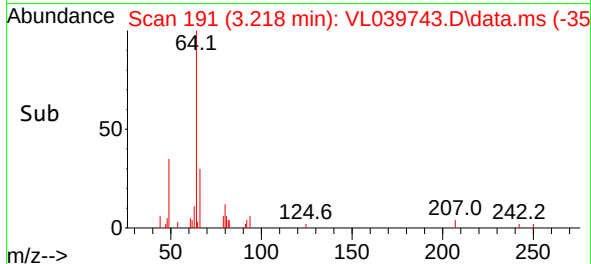
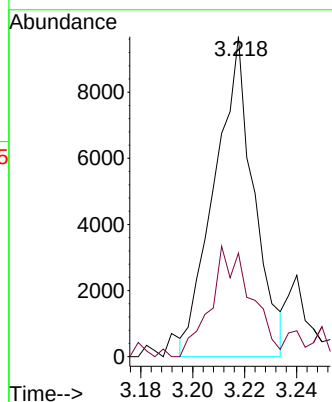
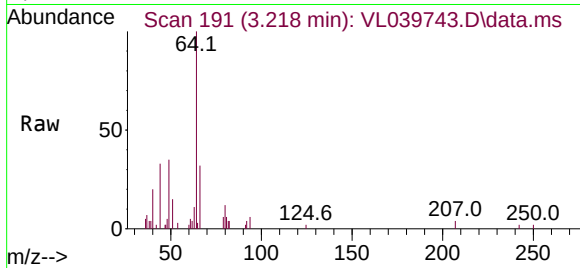




#7
Chloroethane
Concen: 0.444 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

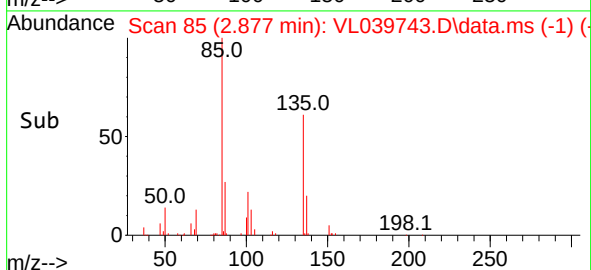
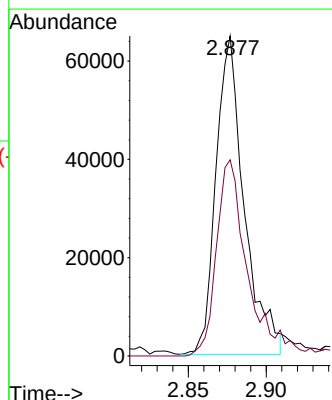
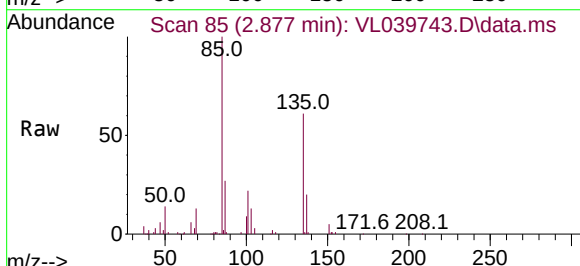
Instrument :
MSVOA_1
ClientSampleId :
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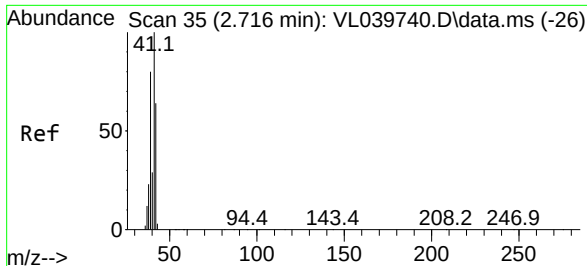
Tgt Ion: 64 Resp: 10131
Ion Ratio Lower Upper
64 100
66 31.5 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 0.533 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 85 Resp: 81497
Ion Ratio Lower Upper
85 100
135 68.9 56.1 84.1

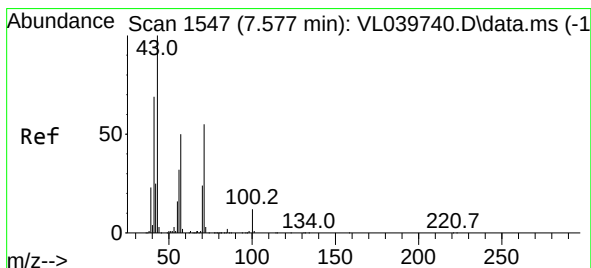
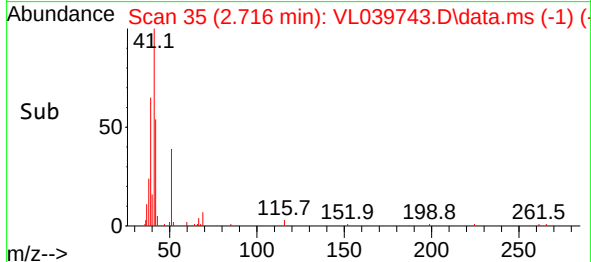
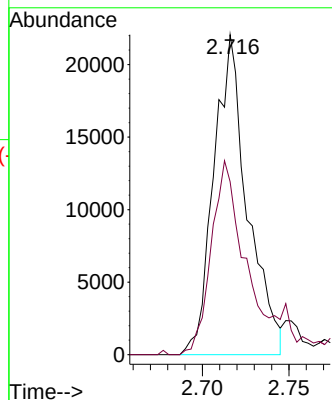
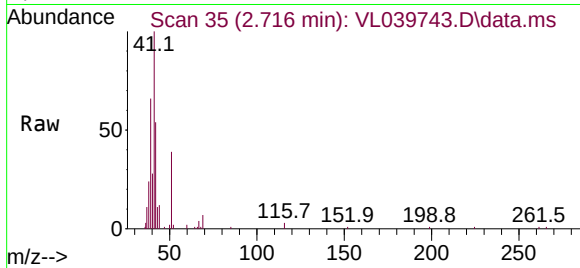




#9
Propene
Concen: 0.521 ppbv
RT: 2.716 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

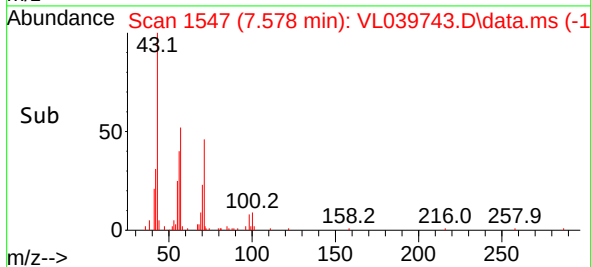
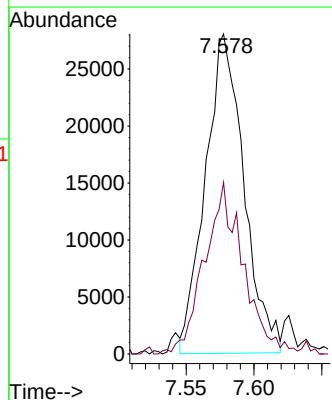
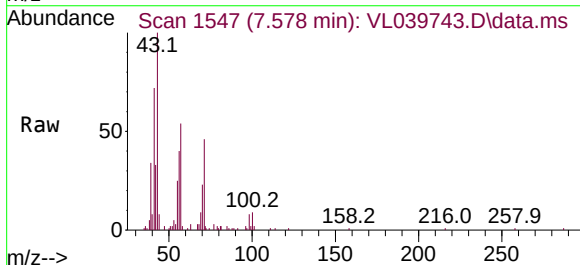
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ClientSampleId :
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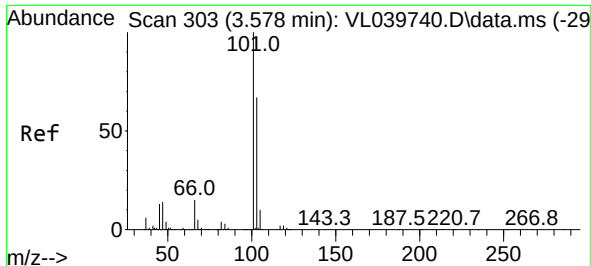
Tgt Ion: 41 Resp: 29808
Ion Ratio Lower Upper
41 100
42 72.6 54.4 81.6



#10
Heptane
Concen: 0.417 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 43 Resp: 55407
Ion Ratio Lower Upper
43 100
57 54.7 40.0 60.0

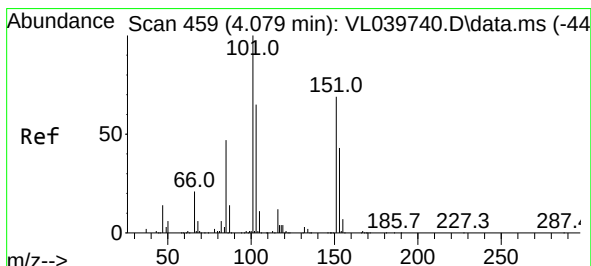
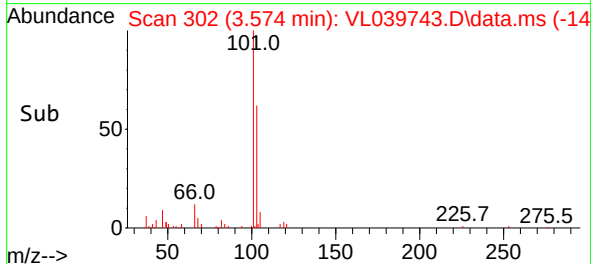
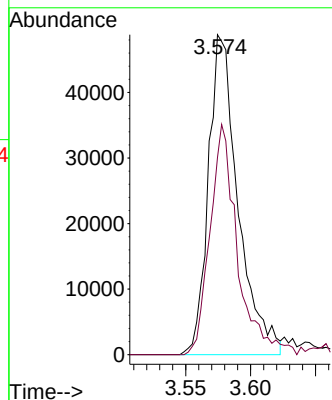
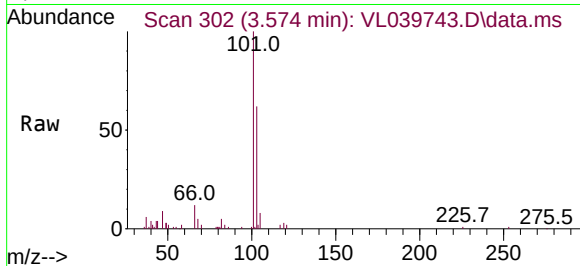




#11
 Trichlorofluoromethane
 Concen: 0.505 ppbv
 RT: 3.574 min Scan# 303
 Delta R.T. -0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

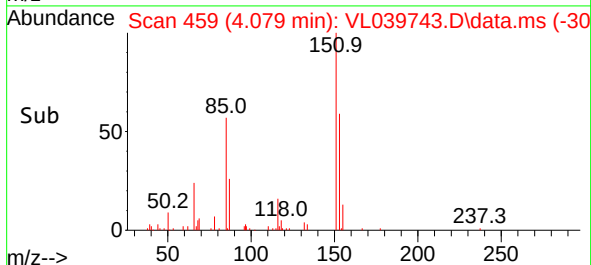
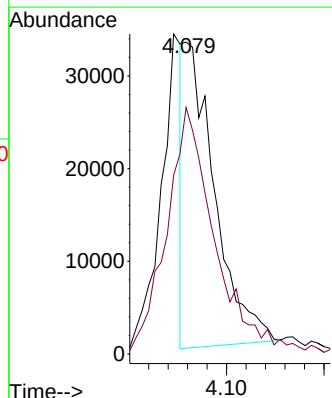
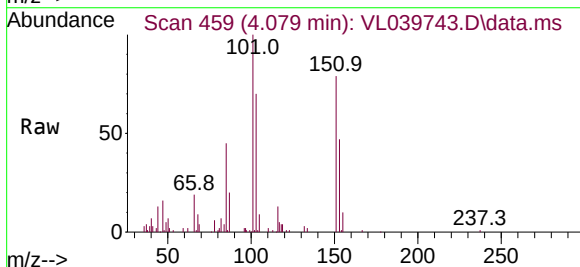
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 ClientSampleId :
 VSTDIC0.5

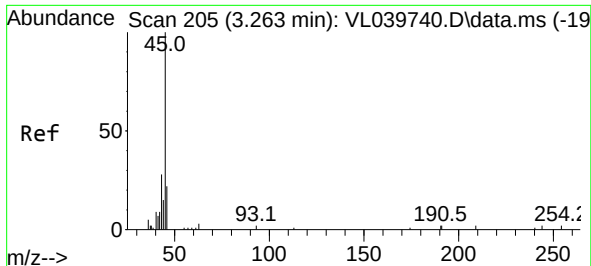
Tgt Ion:101 Resp: 77471
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.293 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Tgt Ion:101 Resp: 36133
 Ion Ratio Lower Upper
 101 100
 151 127.8 58.0 87.0#

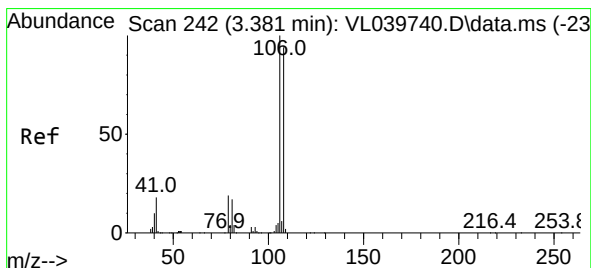
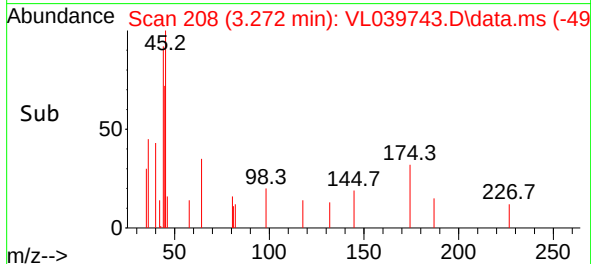
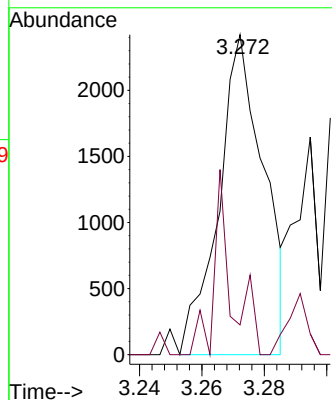
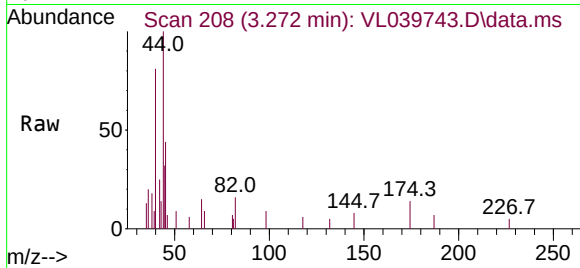




#13
Ethanol
Concen: 0.623 ppbv
RT: 3.272 min Scan# 205
Delta R.T. 0.010 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

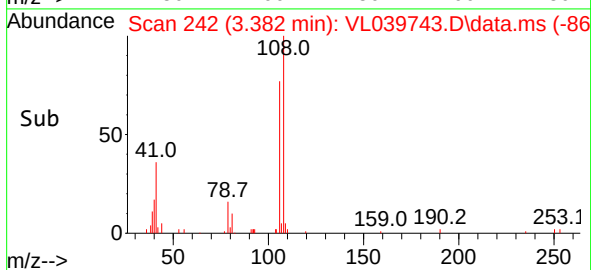
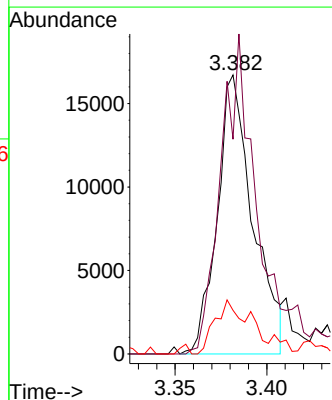
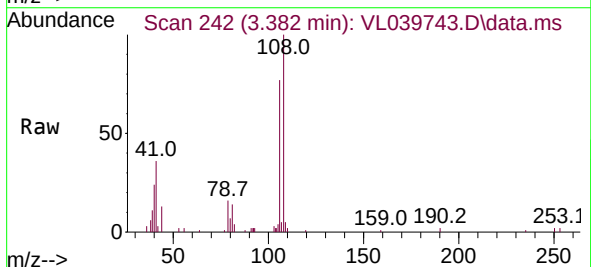
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

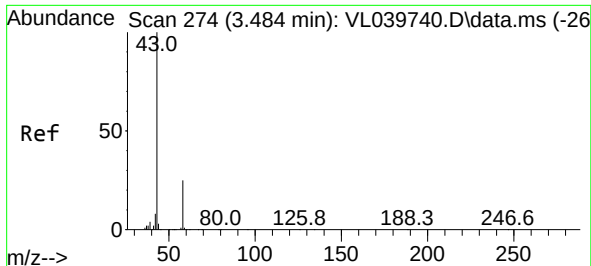
Tgt Ion: 45 Resp: 2430
Ion Ratio Lower Upper
45 100
46 35.4 14.8 59.2



#14
Bromoethene
Concen: 0.481 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 108 Resp: 22582
Ion Ratio Lower Upper
108 100
106 128.2 90.2 135.4
79 24.5 16.2 24.2#

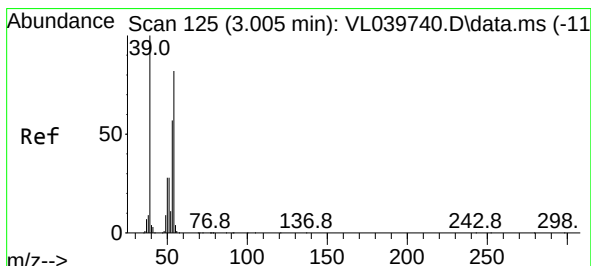
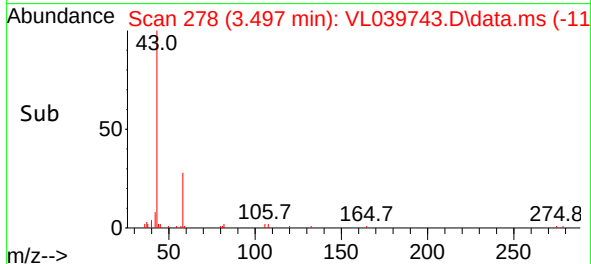
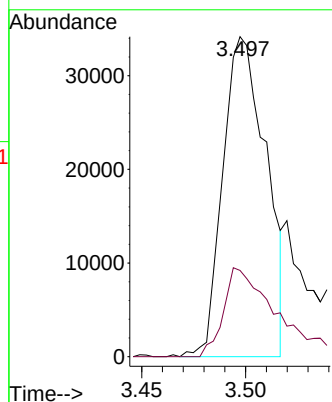
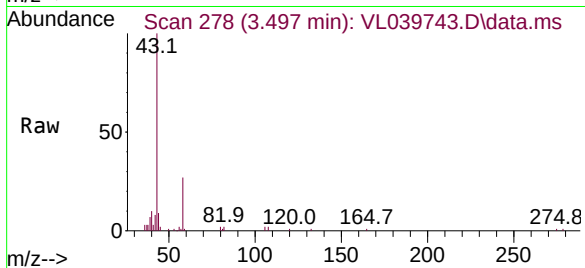




#15
Acetone
Concen: 0.416 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

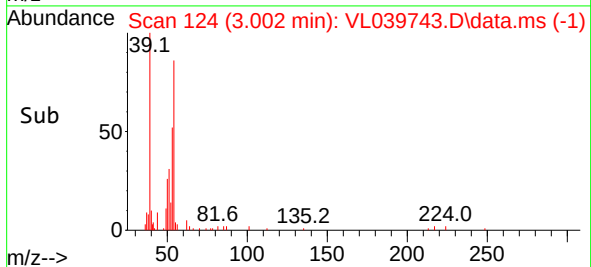
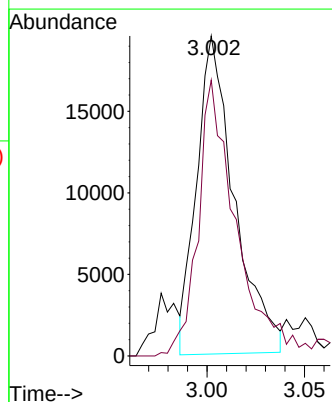
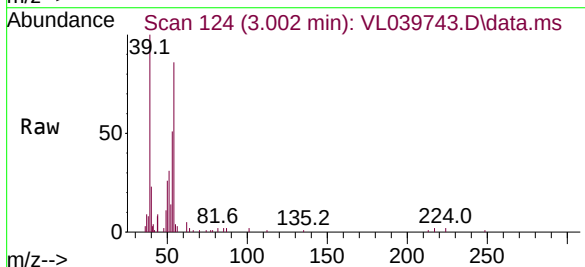
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

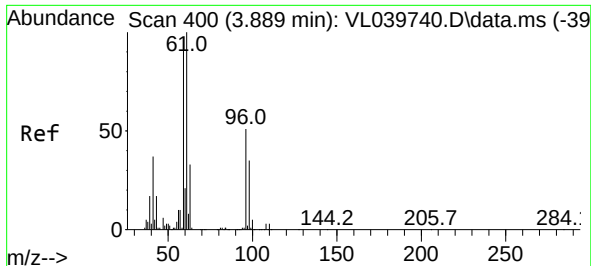
Tgt Ion: 43 Resp: 49391
Ion Ratio Lower Upper
43 100
58 38.4 20.9 31.3#



#16
1,3-Butadiene
Concen: 0.441 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 39 Resp: 26280
Ion Ratio Lower Upper
39 100
54 92.5 65.2 97.8





#17

tert-Butyl alcohol

Concen: 0.426 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.023 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

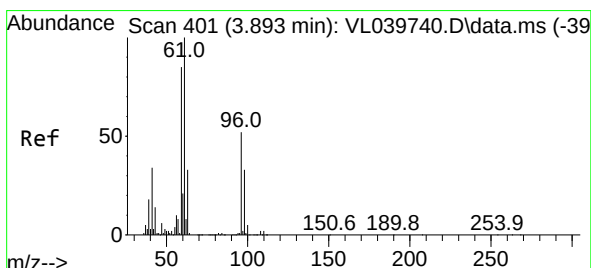
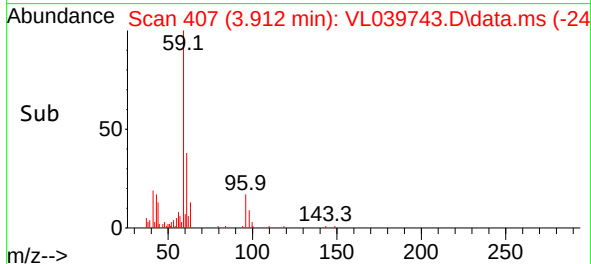
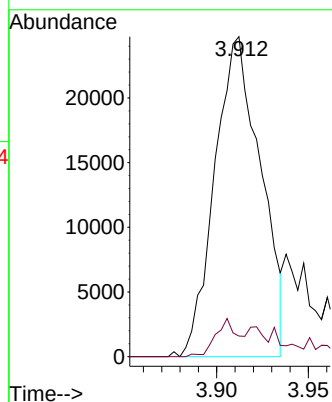
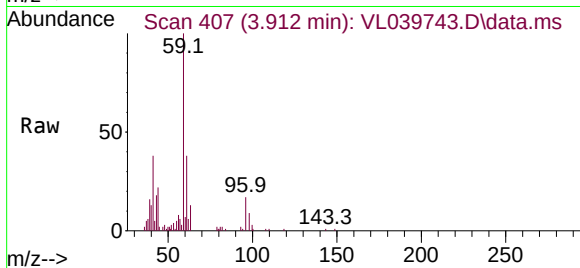
VSTDIC0.5

Tgt Ion: 59 Resp: 42980

Ion Ratio Lower Upper

59 100

57 14.6 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.066 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.023 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

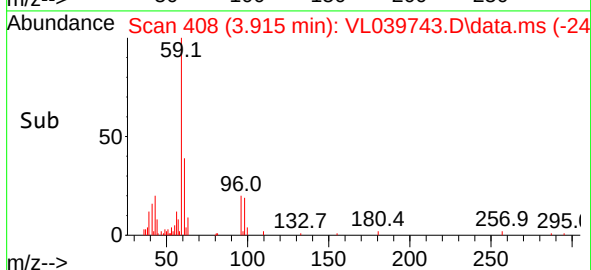
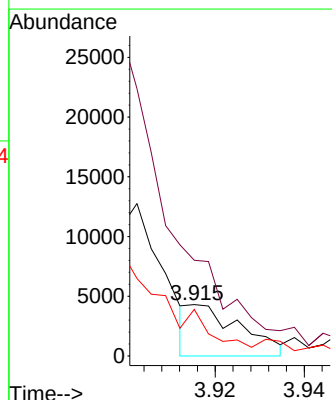
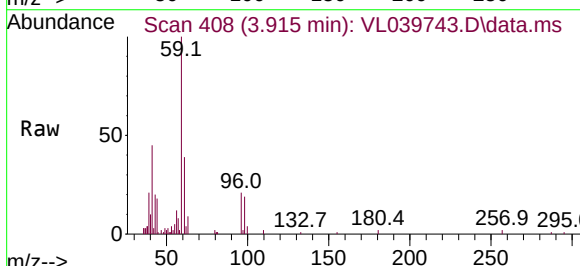
Tgt Ion: 96 Resp: 3509

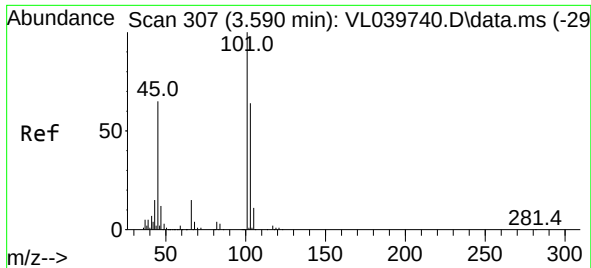
Ion Ratio Lower Upper

96 100

61 175.3 152.7 229.1

98 73.3 50.2 75.2





#19

Isopropyl Alcohol

Concen: 0.308 ppbv

RT: 3.610 min Scan# 313

Delta R.T. 0.019 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

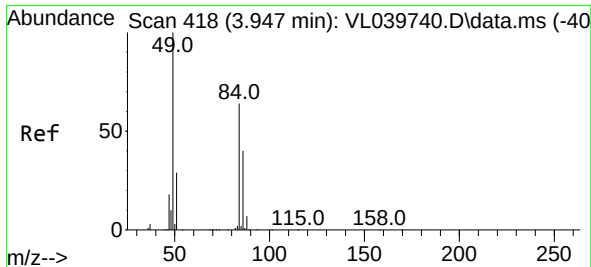
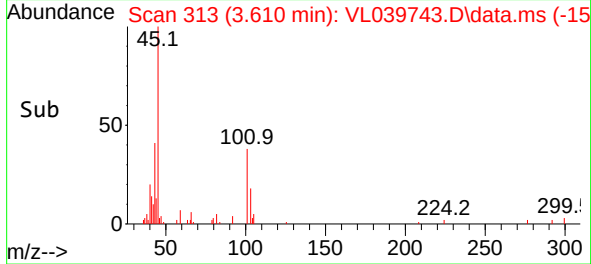
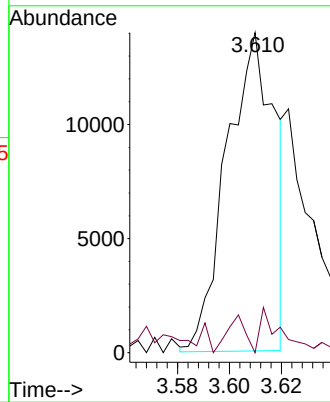
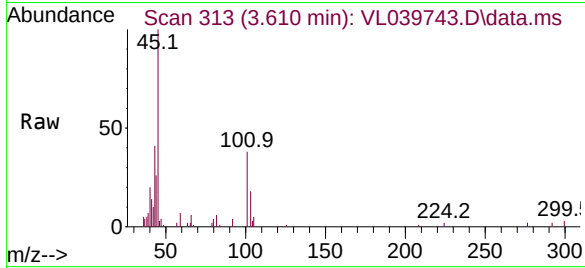
VSTDIC0.5

Tgt Ion: 45 Resp: 17893

Ion Ratio Lower Upper

45 100

58 12.1 3.3 4.9#



#20

Methylene Chloride

Concen: 0.557 ppbv

RT: 3.944 min Scan# 417

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Tgt Ion: 84 Resp: 26588

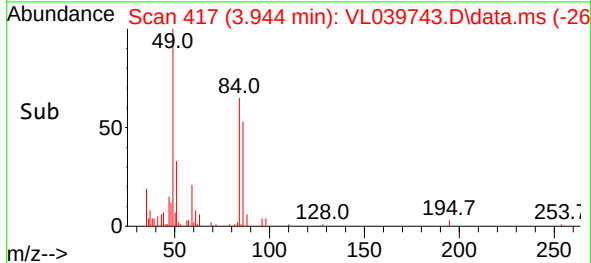
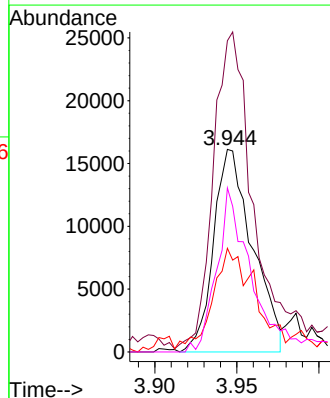
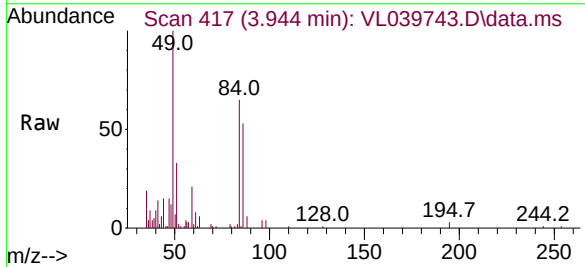
Ion Ratio Lower Upper

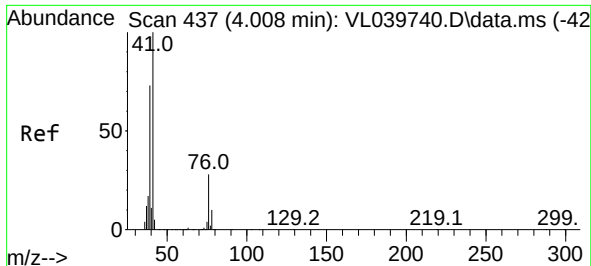
84 100

49 149.8 124.2 186.4

51 45.9 36.6 54.8

86 81.0 49.8 74.8#





#21

Allyl Chloride

Concen: 0.402 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

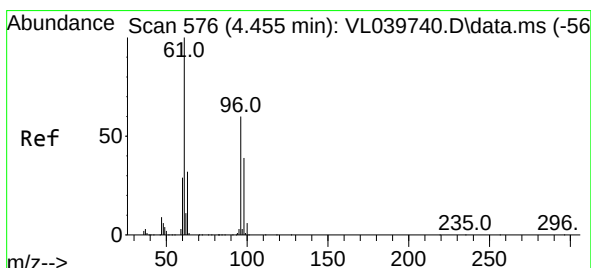
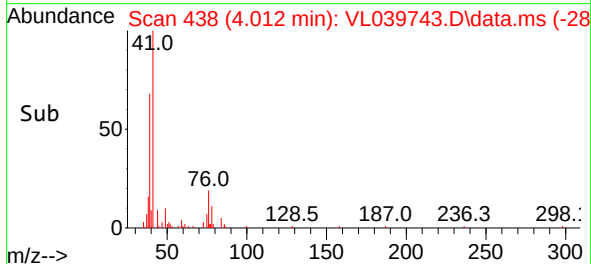
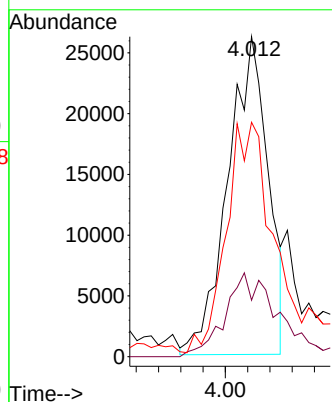
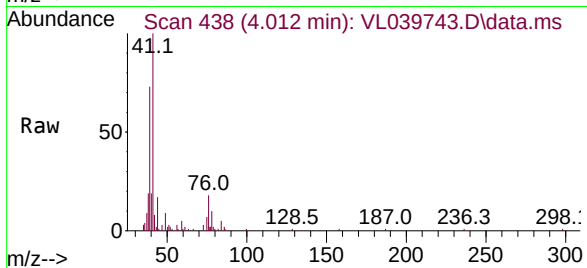
Tgt Ion: 41 Resp: 32974

Ion Ratio Lower Upper

41 100

76 34.3 23.5 35.3

39 103.3 67.4 101.2#



#22

trans-1,2-Dichloroethene

Concen: 0.500 ppbv

RT: 4.455 min Scan# 576

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

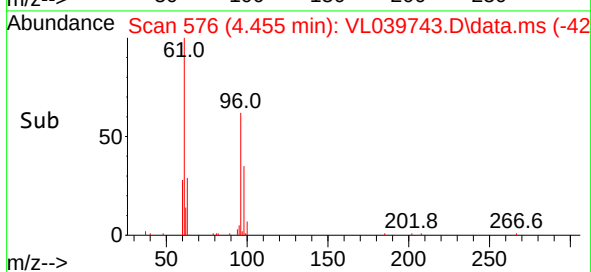
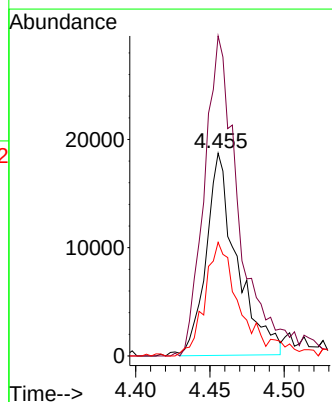
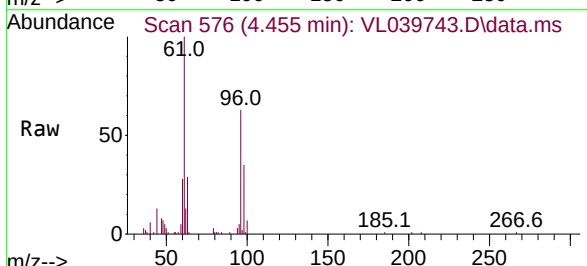
Tgt Ion: 96 Resp: 26875

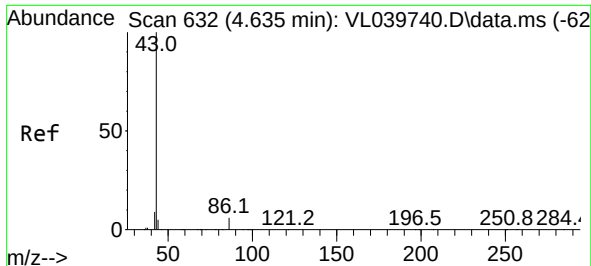
Ion Ratio Lower Upper

96 100

61 160.1 132.9 199.3

98 55.3 51.6 77.4

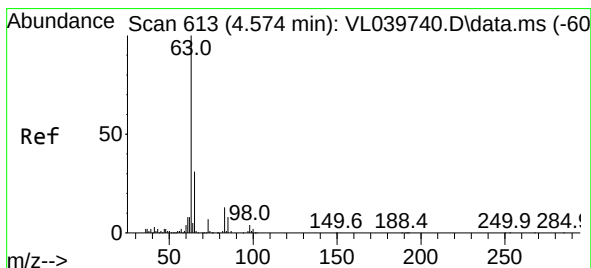
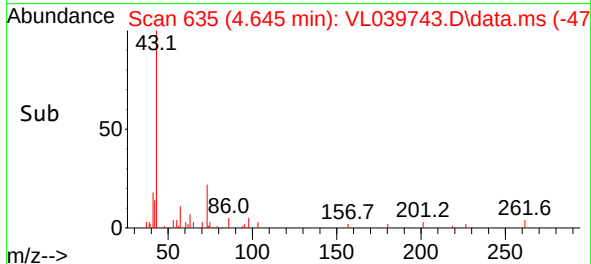
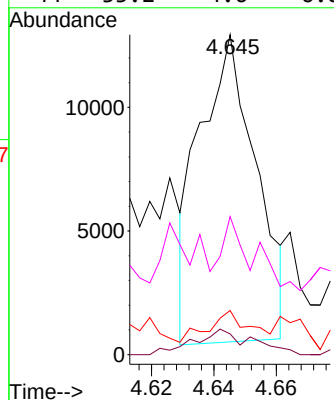
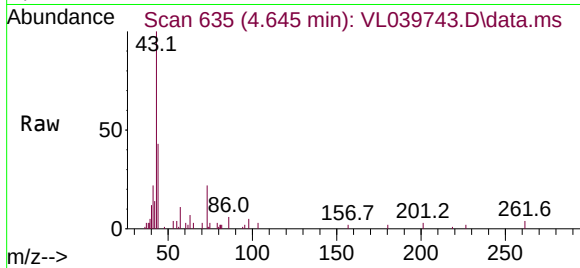




#23
 Vinyl Acetate
 Concen: 0.312 ppbv
 RT: 4.645 min Scan# 613
 Delta R.T. 0.010 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

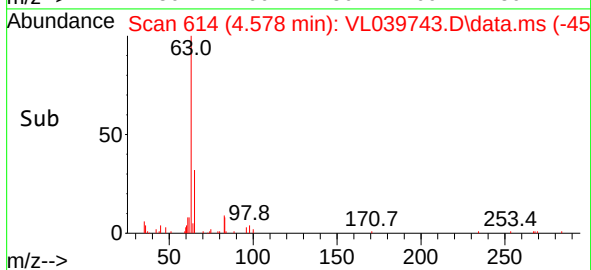
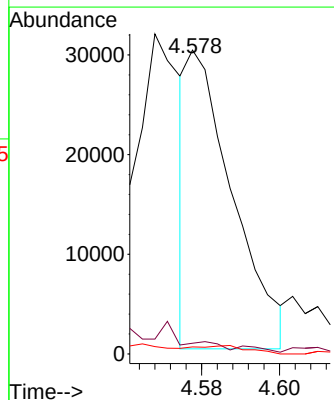
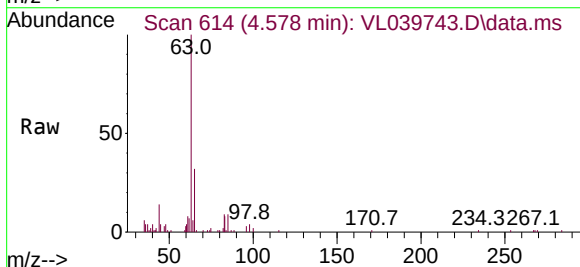
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

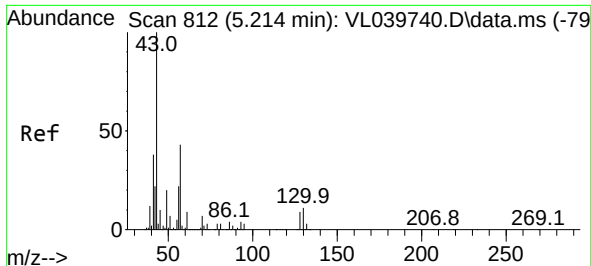
Tgt Ion:	43	Resp:	15635
Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.3	6.5#
42	15.1	7.9	11.9#
44	33.2	4.6	6.8#



#24
 1,1-Dichloroethane
 Concen: 0.212 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Tgt Ion:	63	Resp:	24209
Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.1	6.5
100	2.7	1.2	3.6



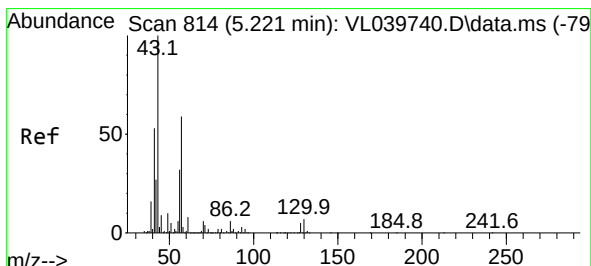
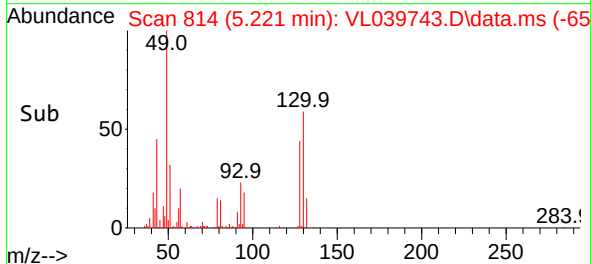
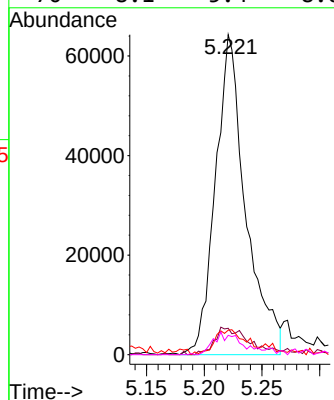
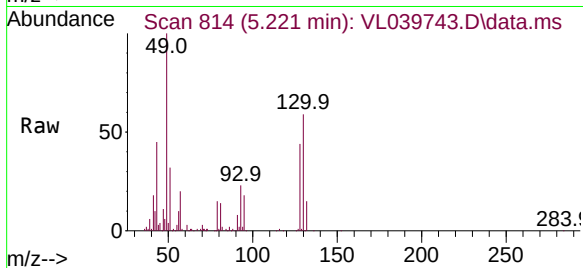


#25
Ethyl Acetate
Concen: 0.491 ppbv
RT: 5.221 min Scan# 812
Delta R.T. 0.007 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 116919

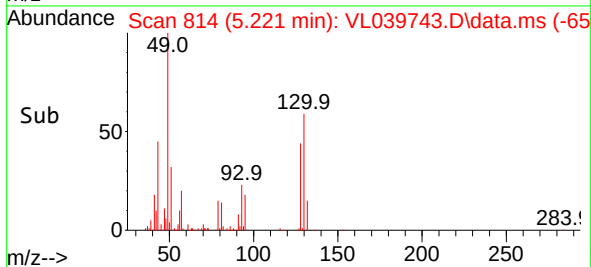
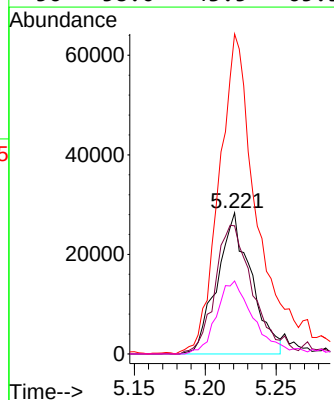
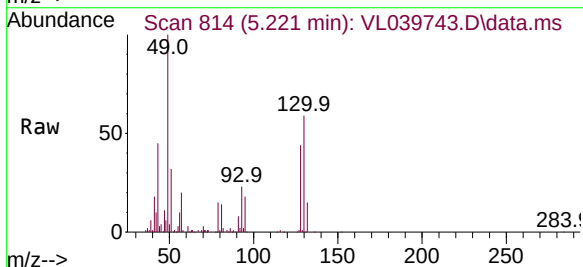
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.1	12.1
61	10.3	7.5	11.3
70	8.1	5.4	8.0

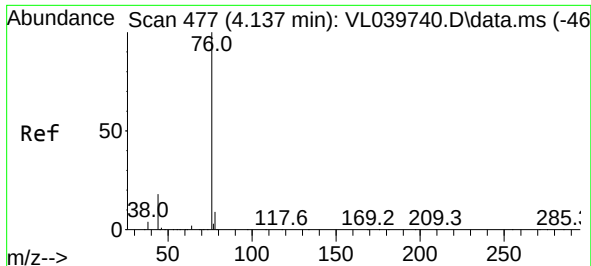


#26
Hexane
Concen: 0.492 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 57 Resp: 47685

Ion	Ratio	Lower	Upper
57	100		
41	105.2	76.8	115.2
43	271.2	201.0	301.4
56	58.0	43.5	65.3

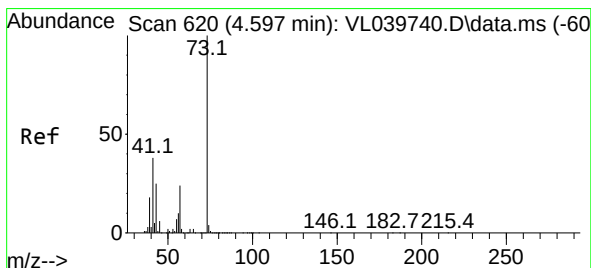
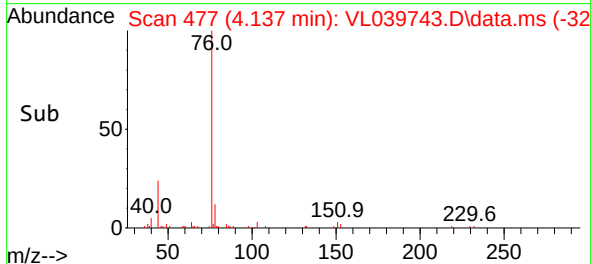
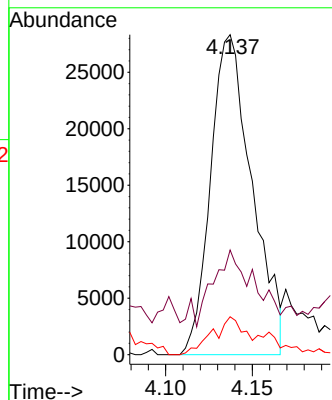
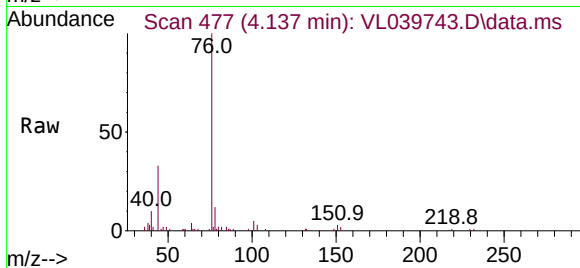




#27
Carbon Disulfide
Concen: 0.390 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

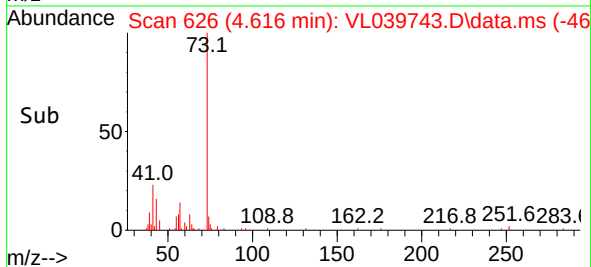
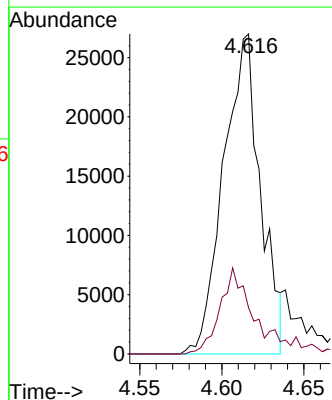
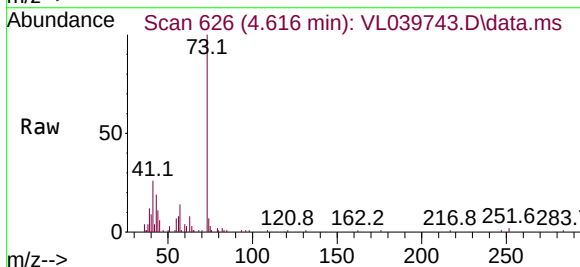
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

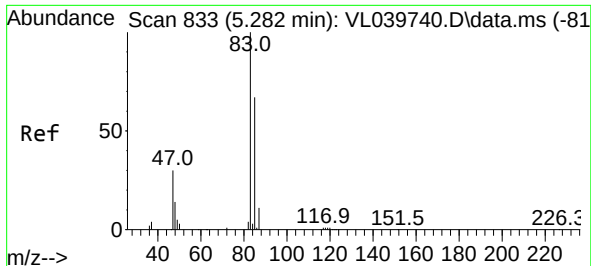
Tgt Ion: 76 Resp: 47322
Ion Ratio Lower Upper
76 100
44 51.1 14.5 21.7#
78 13.9 8.1 12.1#



#28
Methyl tert-Butyl Ether
Concen: 0.458 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.019 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 73 Resp: 42083
Ion Ratio Lower Upper
73 100
57 27.1 19.4 29.2

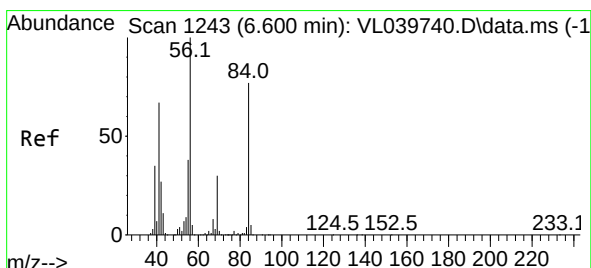
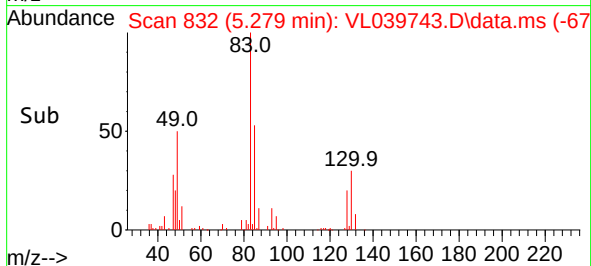
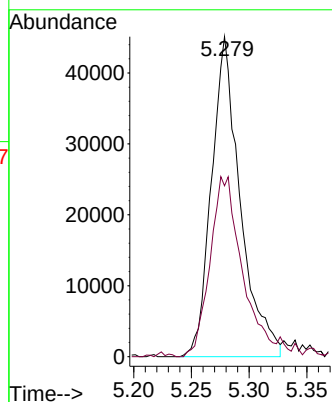
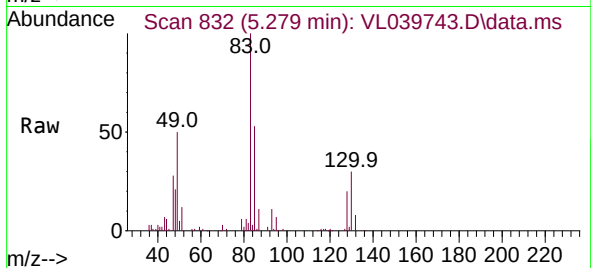




#29
Chloroform
Concen: 0.504 ppbv
RT: 5.279 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

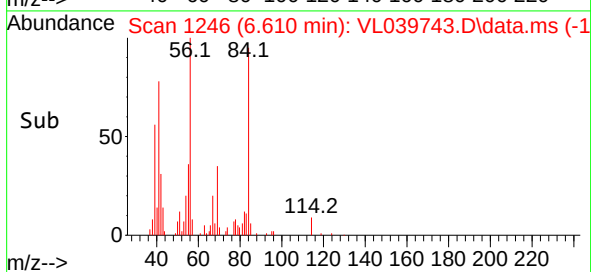
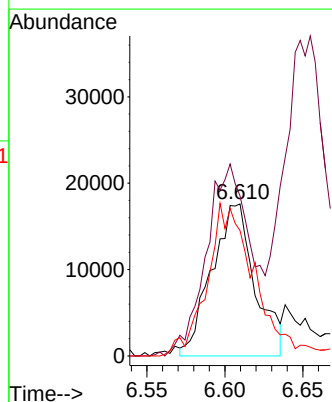
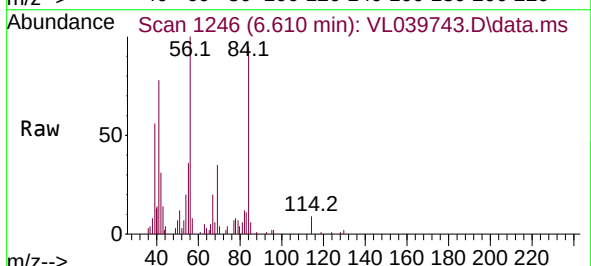
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

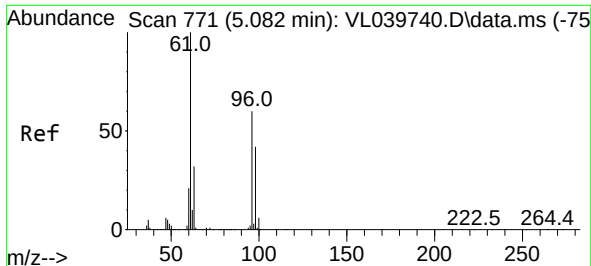
Tgt Ion: 83 Resp: 78227
Ion Ratio Lower Upper
83 100
85 53.4 53.5 80.3#



#30
Cyclohexane
Concen: 0.418 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 84 Resp: 34043
Ion Ratio Lower Upper
84 100
56 129.7 114.2 171.4
41 111.0 74.2 111.2

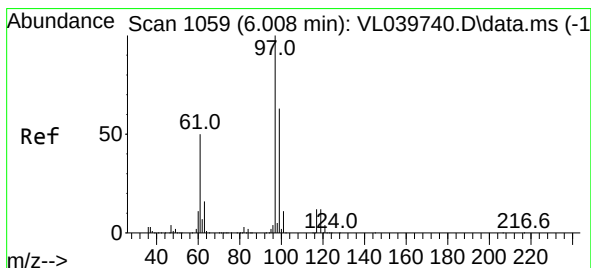
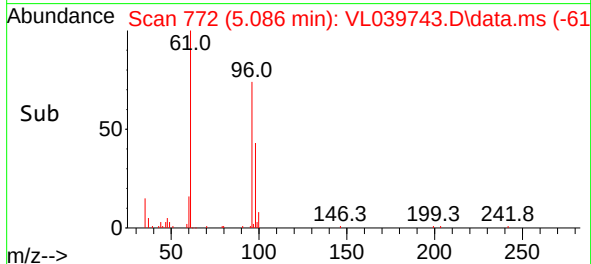
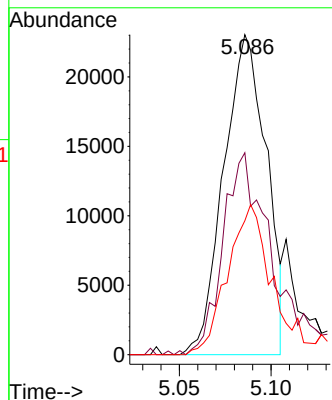
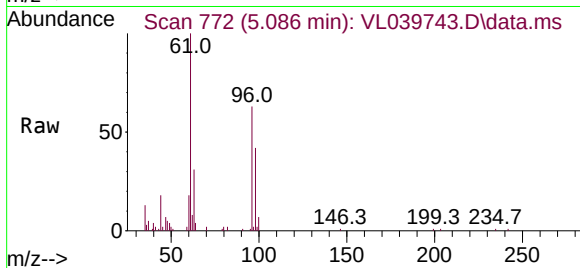




#31
 cis-1,2-Dichloroethene
 Concen: 0.430 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

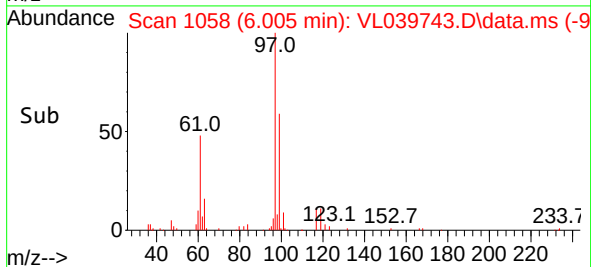
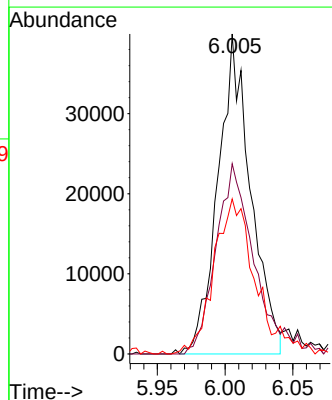
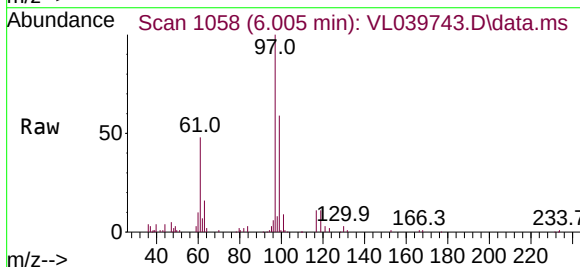
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

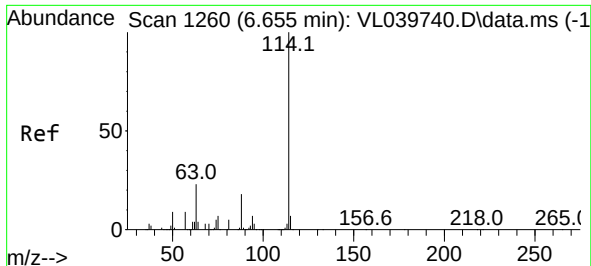
Tgt Ion: 61 Resp: 37330
 Ion Ratio Lower Upper
 61 100
 96 61.8 48.3 72.5
 98 41.9 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 0.497 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Tgt Ion: 97 Resp: 66949
 Ion Ratio Lower Upper
 97 100
 99 71.4 53.0 79.4
 61 61.8 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

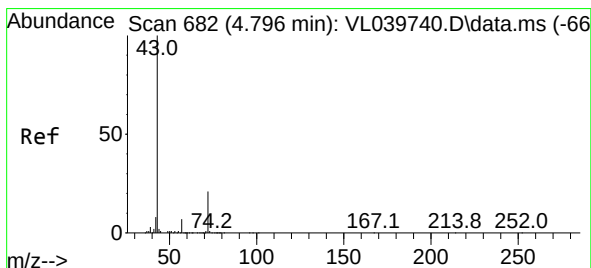
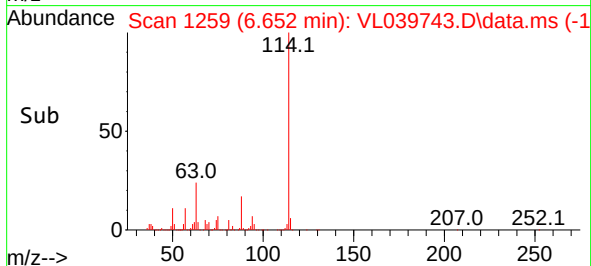
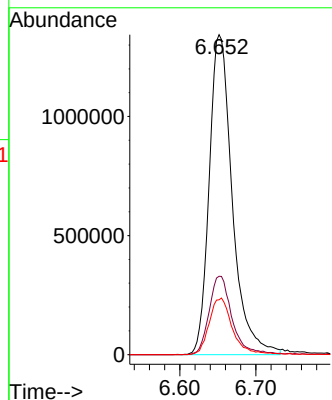
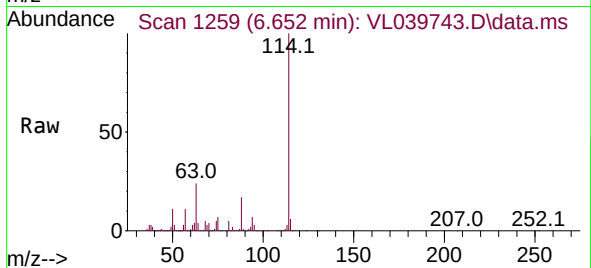
Tgt Ion:114 Resp: 2838697

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

88 18.1 14.2 21.4



#34

2-Butanone

Concen: 0.458 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.013 min

Lab File: VL039743.D

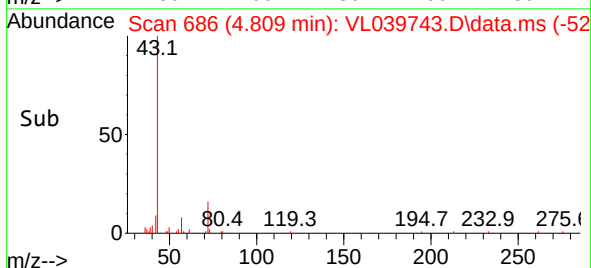
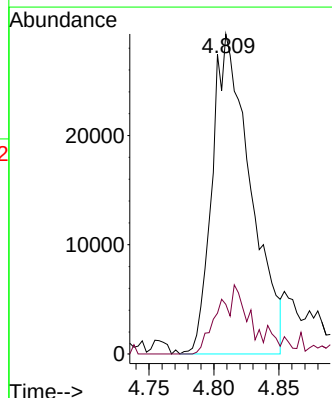
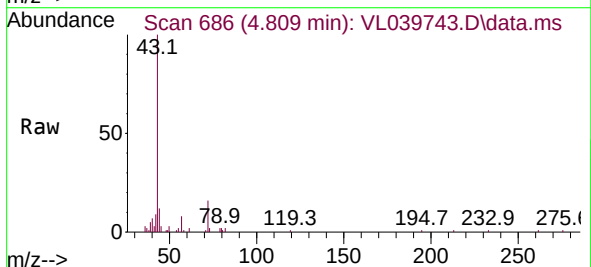
Acq: 21 Oct 2022 11:58

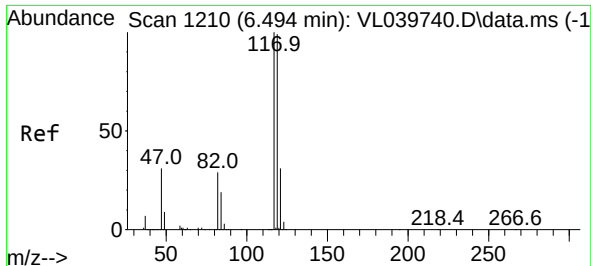
Tgt Ion: 43 Resp: 60031

Ion Ratio Lower Upper

43 100

72 22.8 17.1 25.7

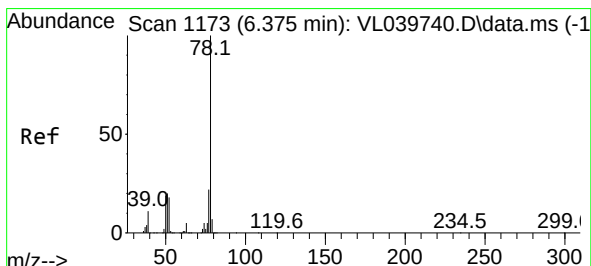
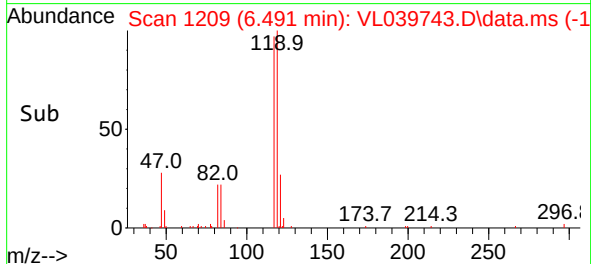
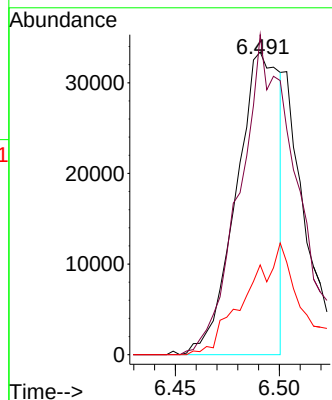
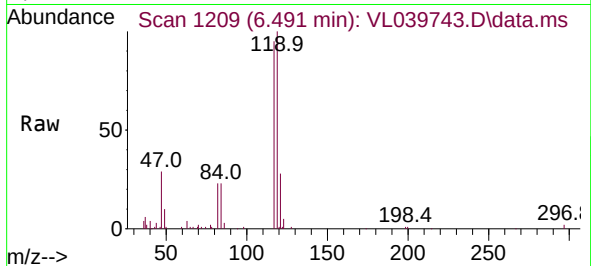




#35
Carbon Tetrachloride
Concen: 0.328 ppbv
RT: 6.491 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

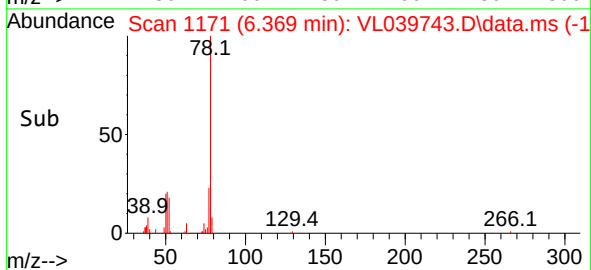
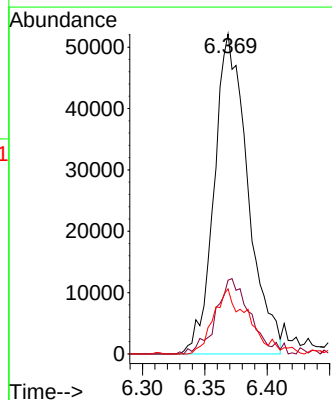
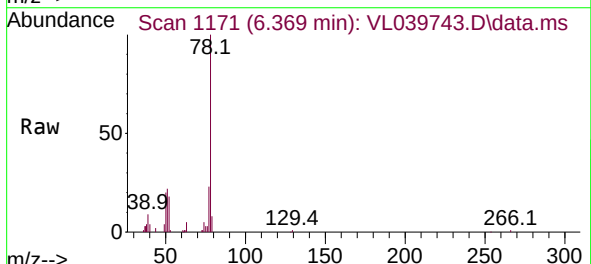
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

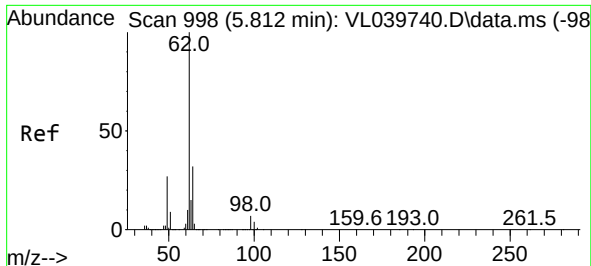
Tgt Ion:117 Resp: 48240
Ion Ratio Lower Upper
117 100
119 105.7 79.2 118.8
121 29.7 25.0 37.6



#36
Benzene
Concen: 0.457 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 78 Resp: 98005
Ion Ratio Lower Upper
78 100
77 22.4 17.3 25.9
50 20.3 14.9 22.3





#37

1,2-Dichloroethane

Concen: 0.429 ppbv

RT: 5.812 min Scan# 998

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

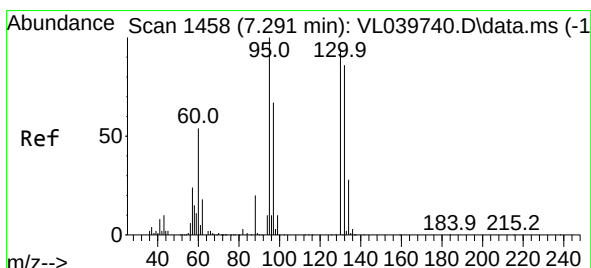
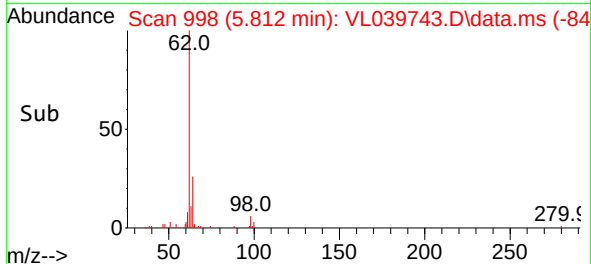
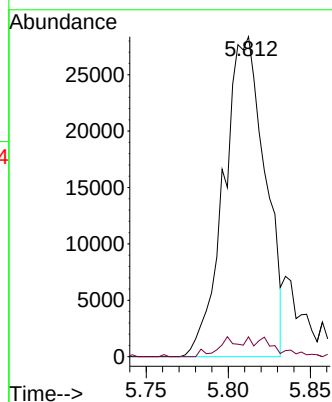
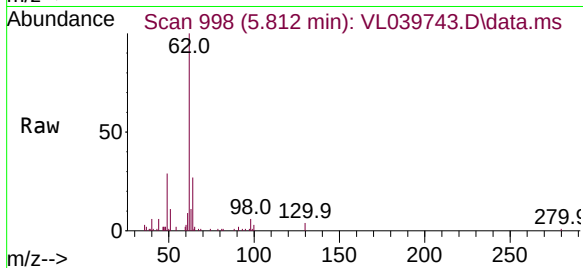
VSTDIC0.5

Tgt Ion: 62 Resp: 49529

Ion Ratio Lower Upper

62 100

98 7.9 5.4 8.0



#38

Trichloroethene

Concen: 0.311 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Tgt Ion:130 Resp: 35772

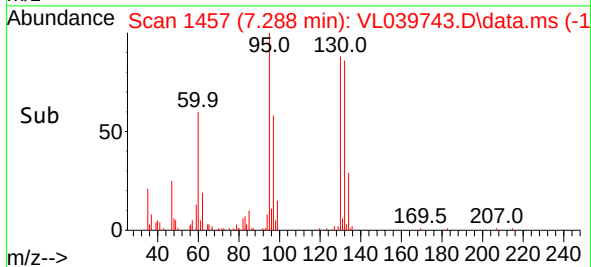
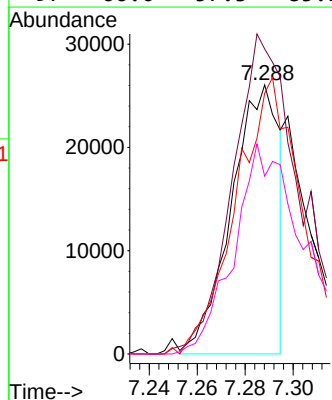
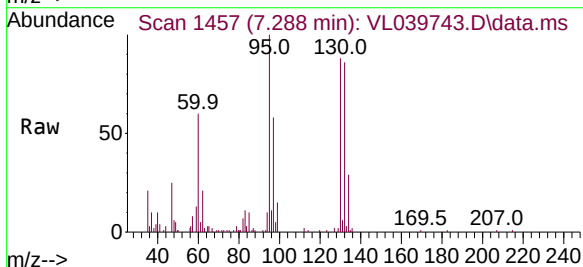
Ion Ratio Lower Upper

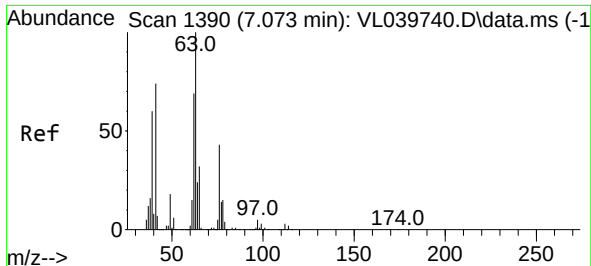
130 100

95 111.8 85.4 128.2

132 98.1 73.0 109.6

97 66.0 57.3 85.9





#39

1,2-Dichloropropane

Concen: 0.452 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

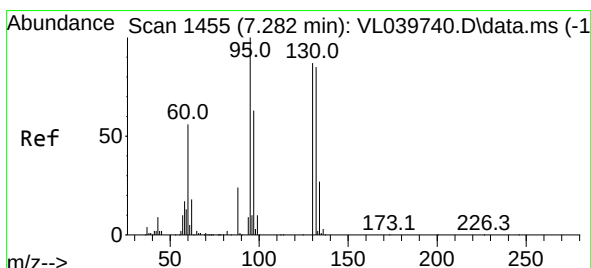
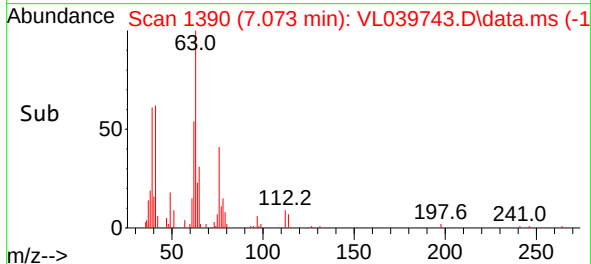
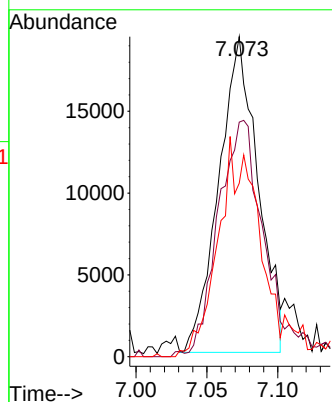
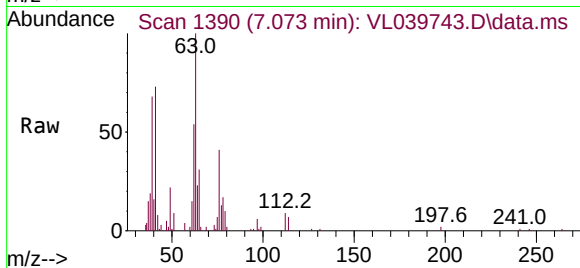
Tgt Ion: 63 Resp: 37132

Ion Ratio Lower Upper

63 100

41 72.6 59.5 89.3

62 52.9 55.2 82.8#



#40

1,4-Dioxane

Concen: 0.013 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Tgt Ion: 88 Resp: 419

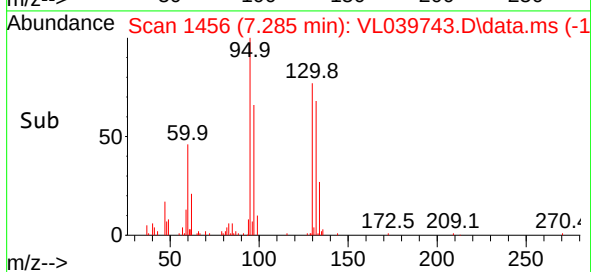
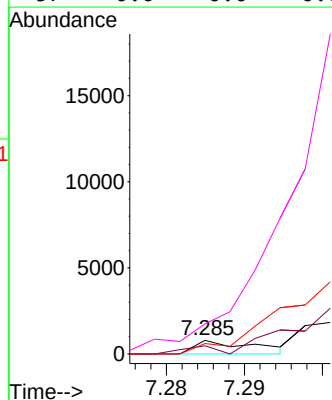
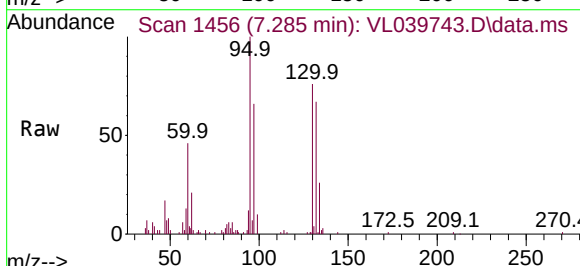
Ion Ratio Lower Upper

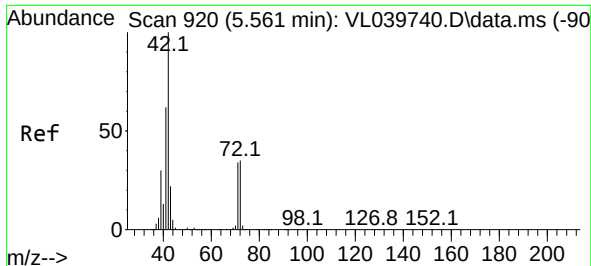
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.362 ppbv

RT: 5.584 min Scan# 91

Delta R.T. 0.023 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

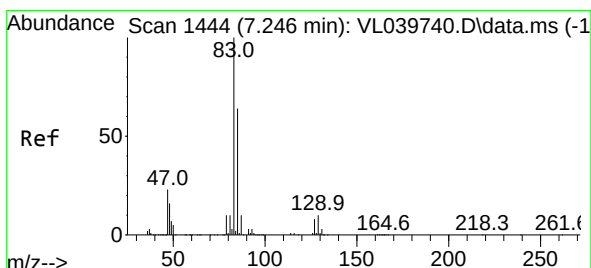
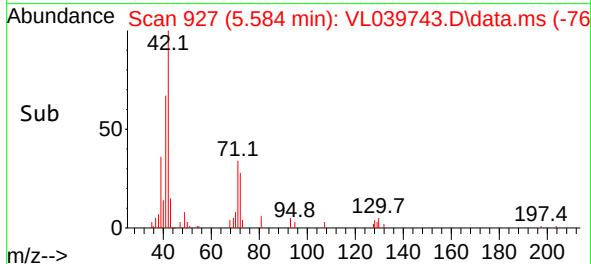
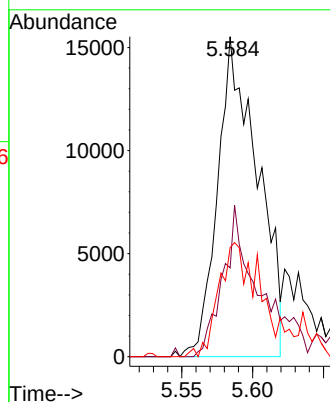
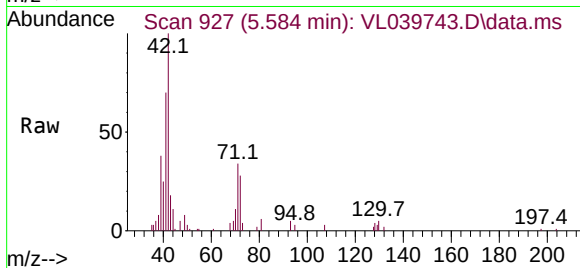
Tgt Ion: 42 Resp: 30409

Ion Ratio Lower Upper

42 100

72 47.5 30.0 45.0#

71 42.8 29.3 43.9



#42

Bromodichloromethane

Concen: 0.433 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

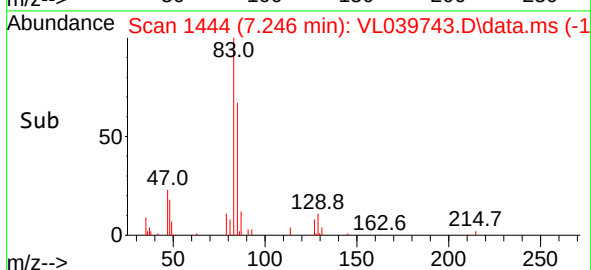
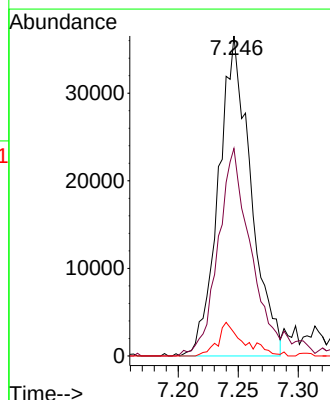
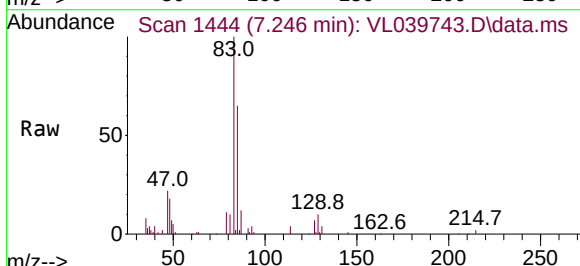
Tgt Ion: 83 Resp: 68606

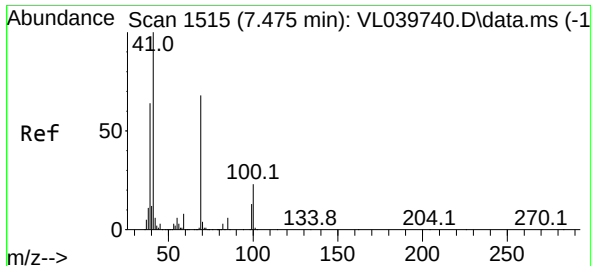
Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.6

127 7.3 6.5 9.7

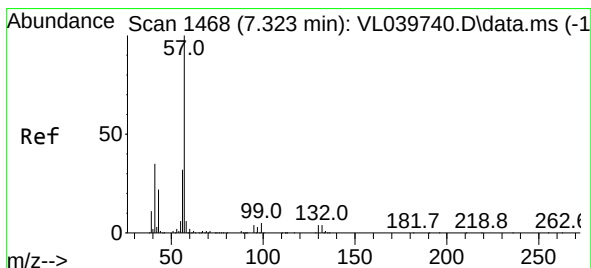
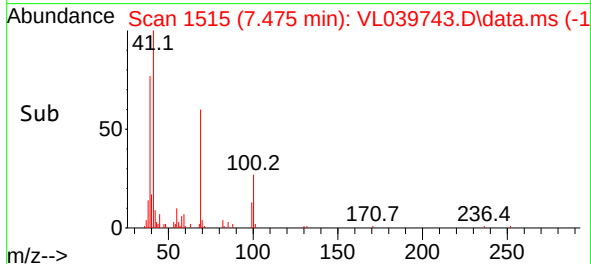
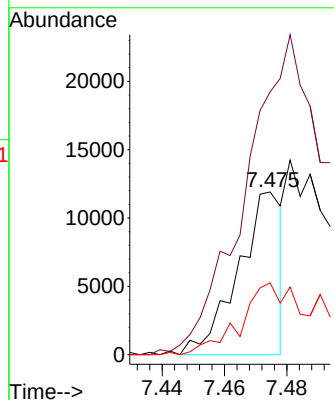
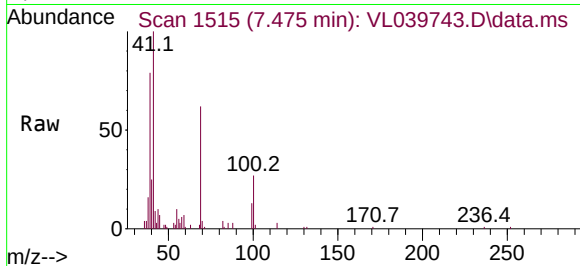




#43
Methyl Methacrylate
Concen: 0.150 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

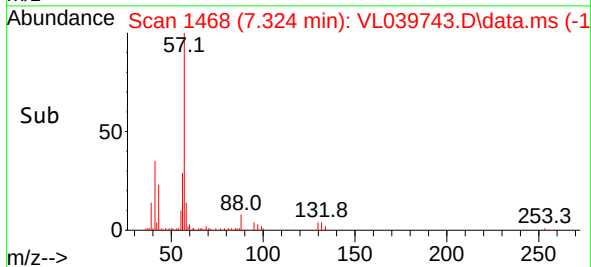
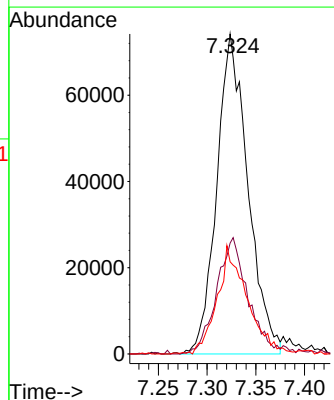
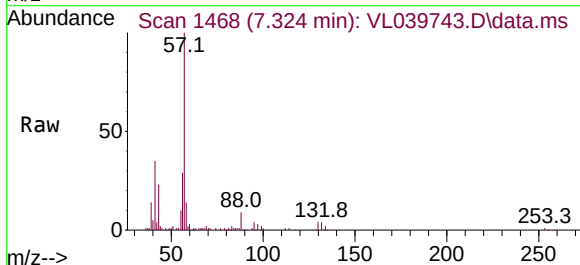
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

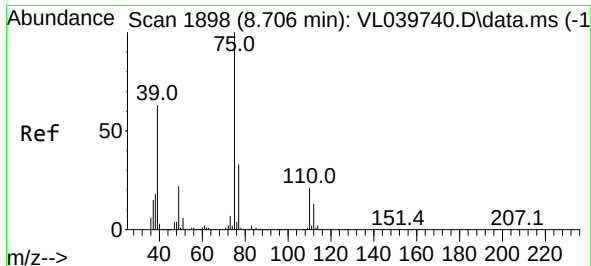
Tgt Ion: 69 Resp: 11577
Ion Ratio Lower Upper
69 100
41 0.0 124.6 186.8#
100 90.4 27.5 41.3#



#44
2,2,4-Trimethylpentane
Concen: 0.454 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 57 Resp: 164863
Ion Ratio Lower Upper
57 100
41 37.8 27.1 40.7
56 33.2 25.2 37.8

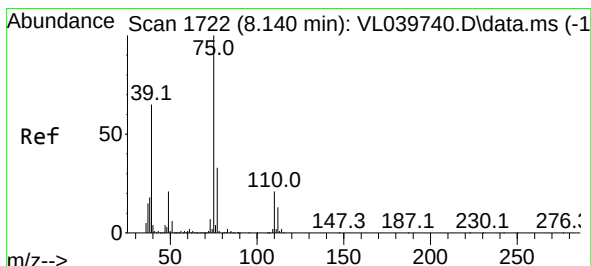
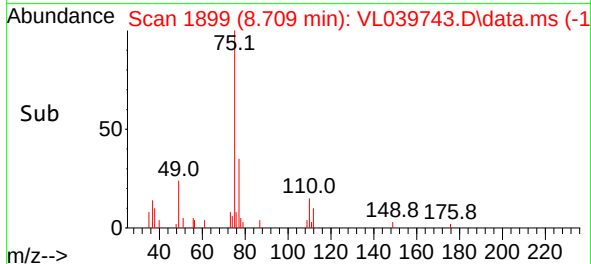
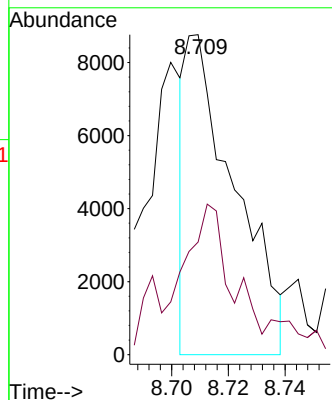
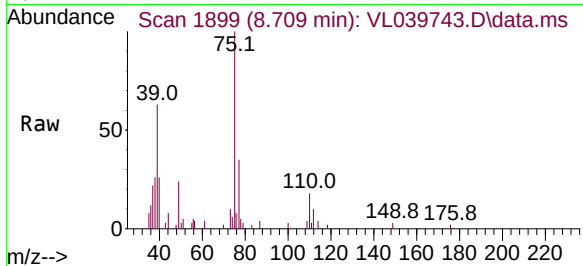




#45
 t-1,3-Dichloropropene
 Concen: 0.164 ppbv
 RT: 8.709 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

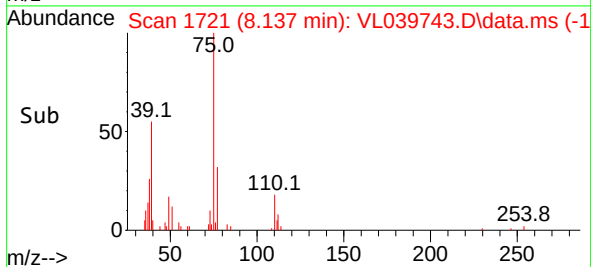
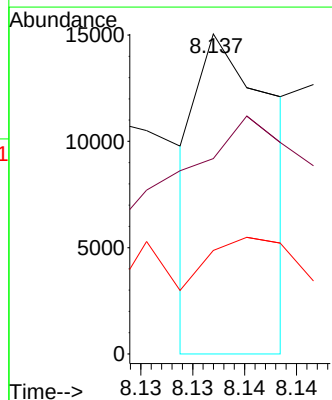
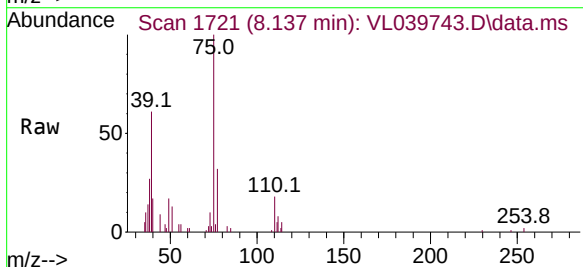
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

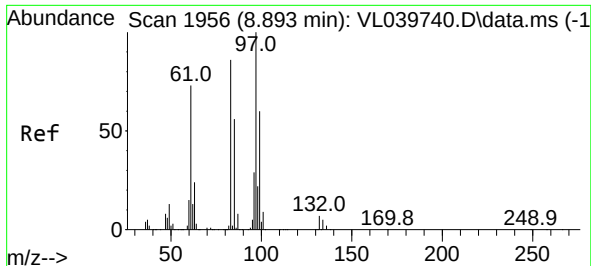
Tgt Ion: 75 Resp: 10470
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 39.8



#46
 cis-1,3-Dichloropropene
 Concen: 0.085 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. -0.003 min
 Lab File: VL039743.D
 Acq: 21 Oct 2022 11:58

Tgt Ion: 75 Resp: 7658
 Ion Ratio Lower Upper
 75 100
 39 10.9 52.2 78.4#
 77 35.7 26.6 40.0



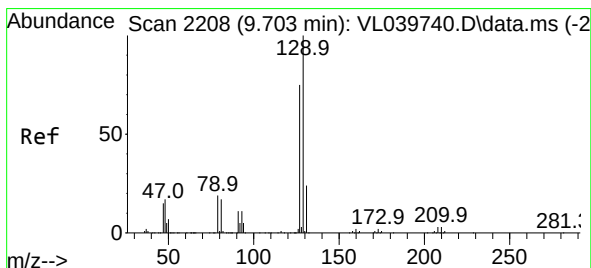
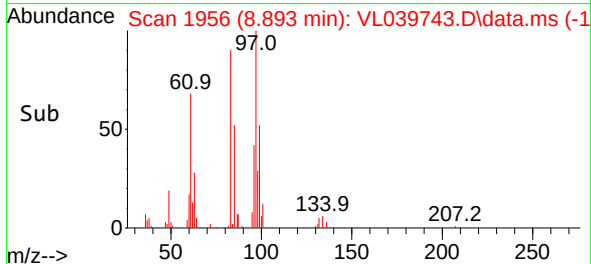
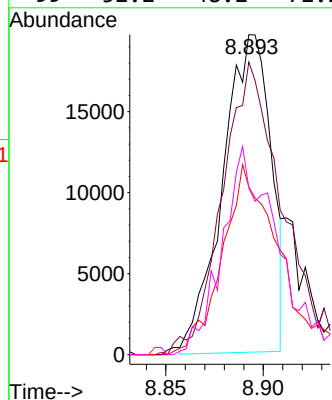
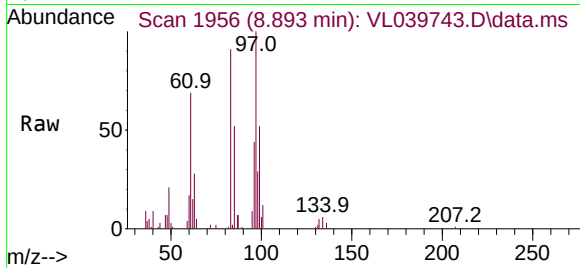


#47
1,1,2-Trichloroethane
Concen: 0.380 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 33891

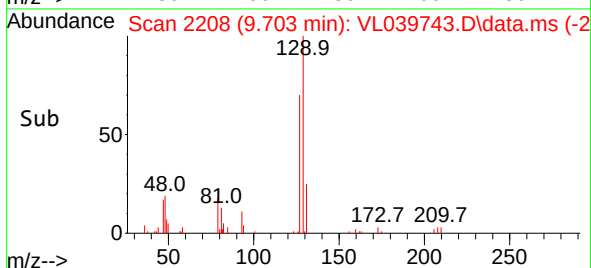
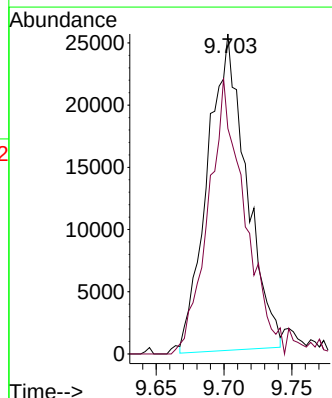
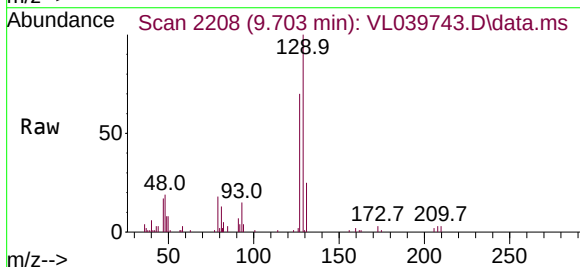
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.8	103.2
85	51.5	44.8	67.2
99	52.2	48.2	72.2

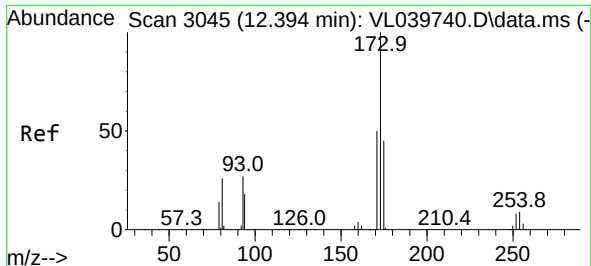


#48
Dibromochloromethane
Concen: 0.378 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 129 Resp: 50900

Ion	Ratio	Lower	Upper
129	100		
127	84.9	38.9	116.6

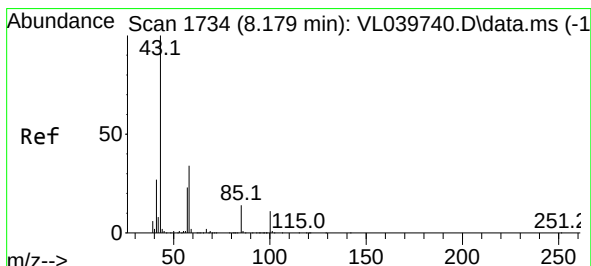
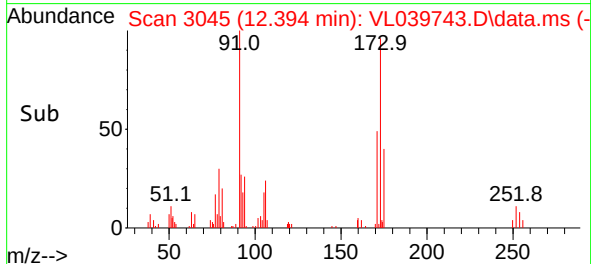
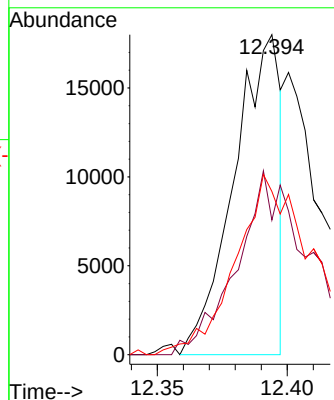
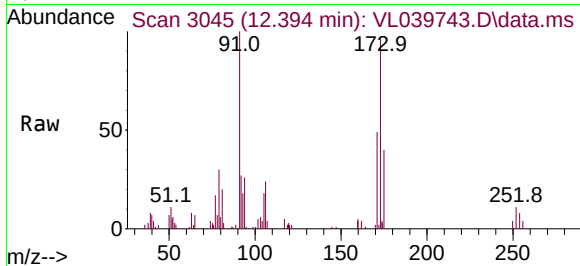




#49
Bromoform
Concen: 0.206 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

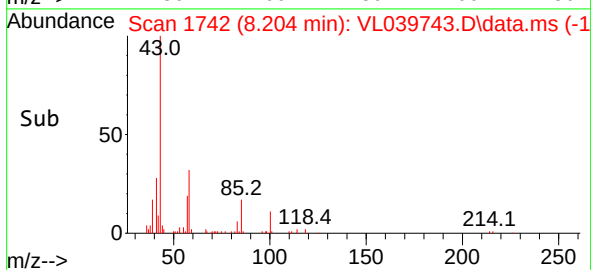
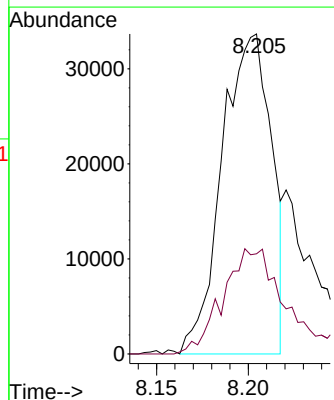
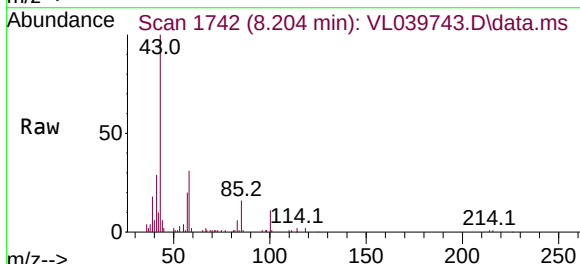
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

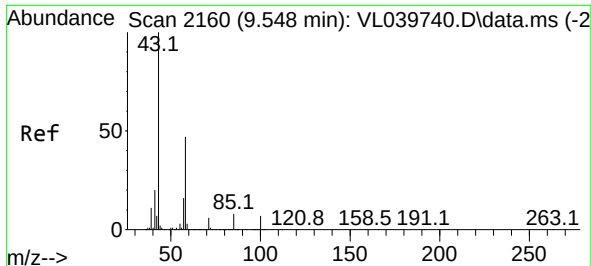
Tgt Ion:173 Resp: 22300
Ion Ratio Lower Upper
173 100
175 95.3 39.4 59.0#
171 98.1 41.6 62.4#



#50
4-Methyl-2-Pentanone
Concen: 0.296 ppbv
RT: 8.204 min Scan# 1742
Delta R.T. 0.026 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 43 Resp: 63206
Ion Ratio Lower Upper
43 100
58 43.8 28.0 42.0#

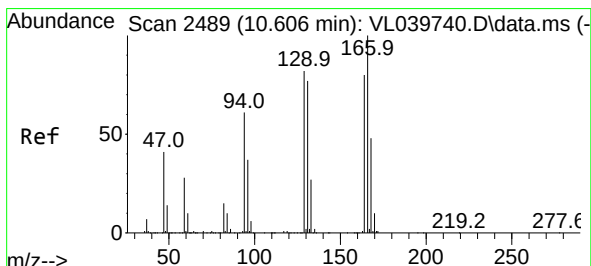
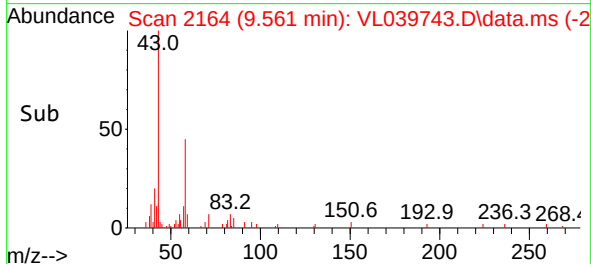
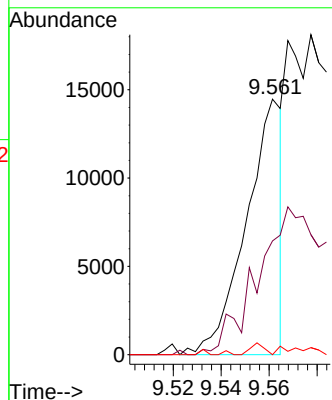
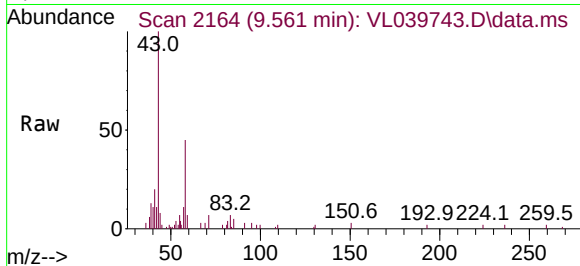




#51
2-Hexanone
Concen: 0.098 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.013 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

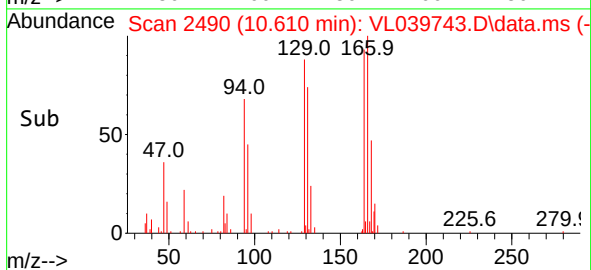
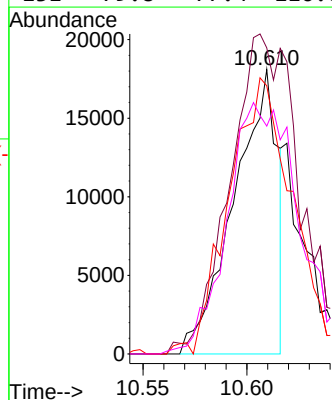
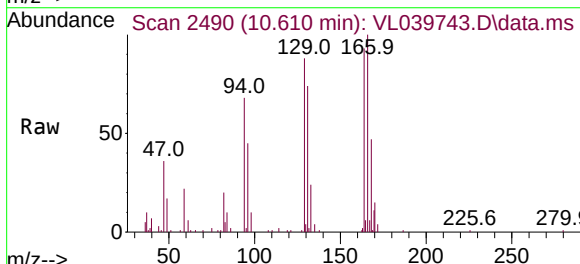
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

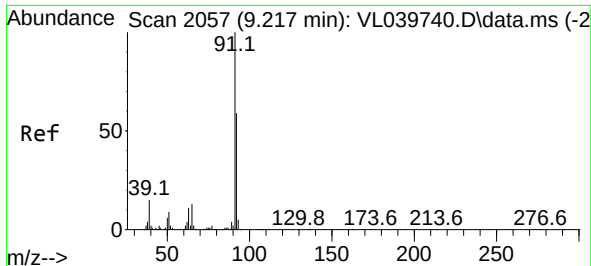
Tgt Ion: 43 Resp: 14973
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4#
98 4.5 0.6 0.8#



#52
Tetrachloroethene
Concen: 0.338 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 164 Resp: 26106
Ion Ratio Lower Upper
164 100
166 103.9 100.0 150.0
129 90.7 82.1 123.1
131 79.8 77.4 116.0

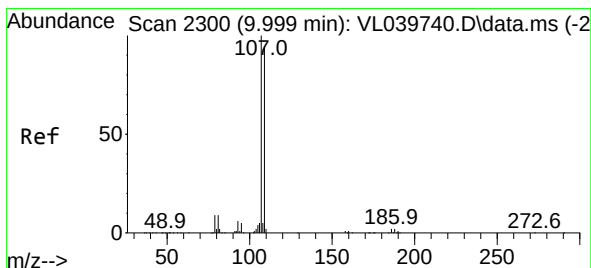
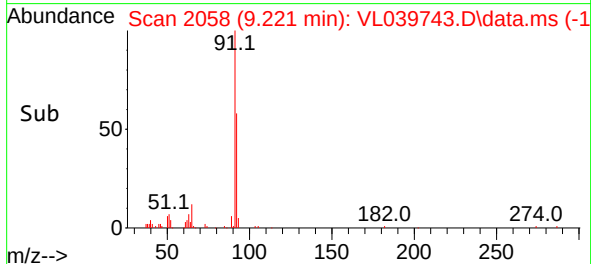
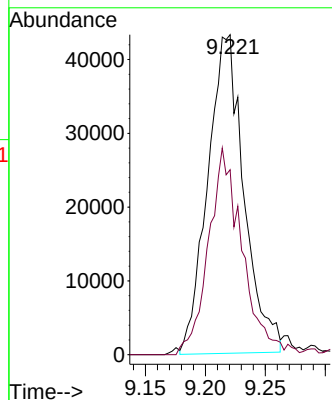
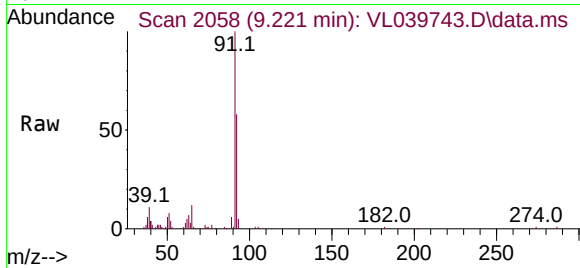




#53
Toluene
Concen: 0.393 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

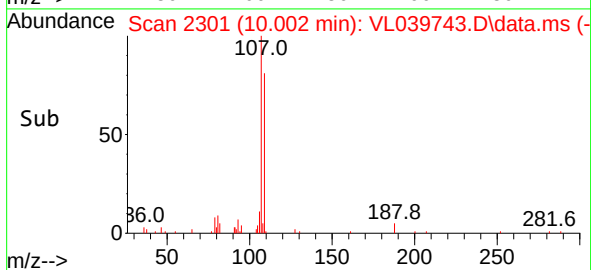
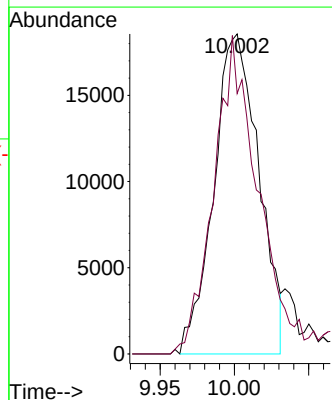
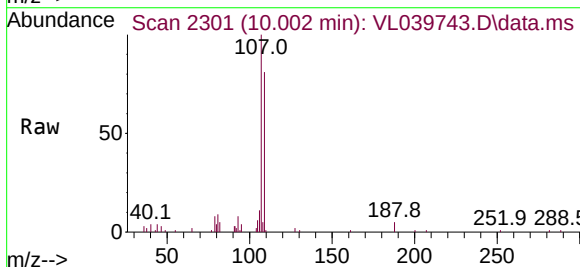
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

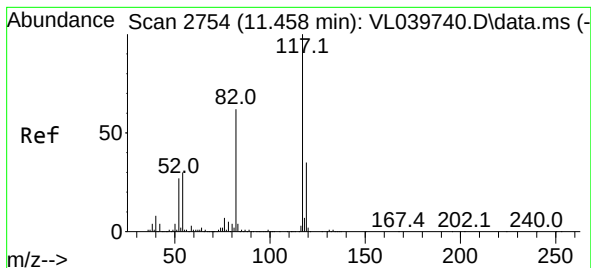
Tgt Ion: 91 Resp: 90882
Ion Ratio Lower Upper
91 100
92 61.7 47.7 71.5



#54
1,2-Dibromoethane
Concen: 0.436 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 107 Resp: 39112
Ion Ratio Lower Upper
107 100
109 78.3 75.2 112.8

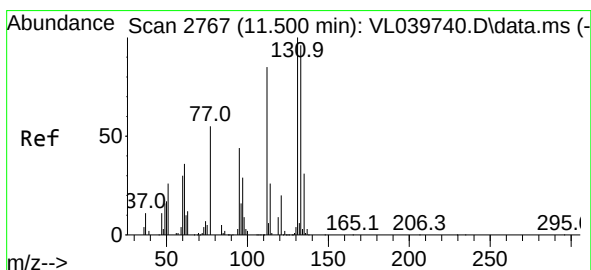
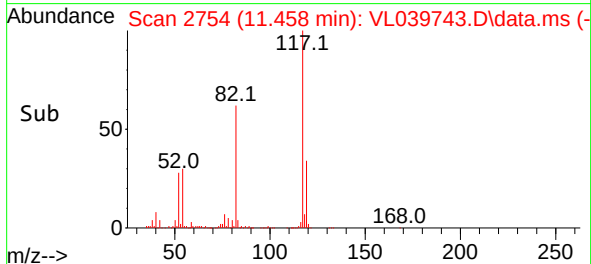
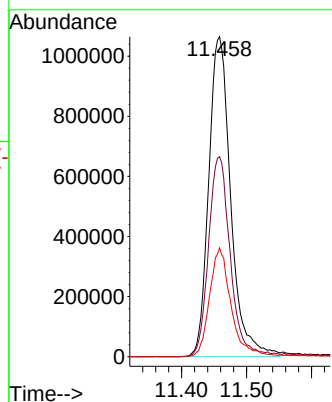
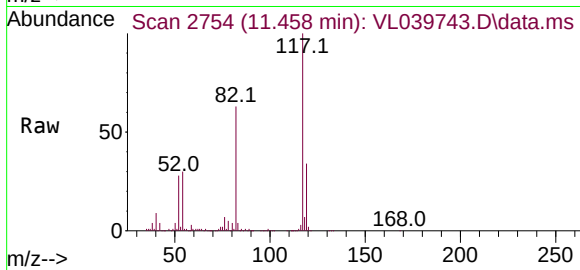




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

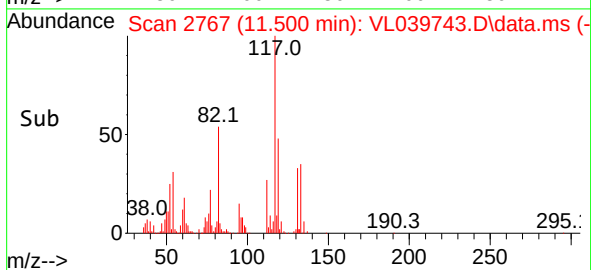
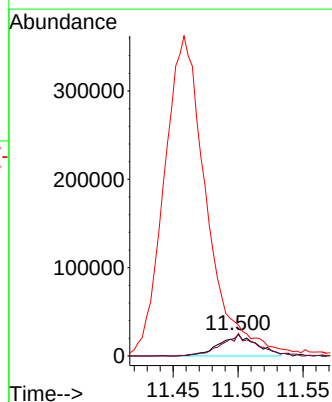
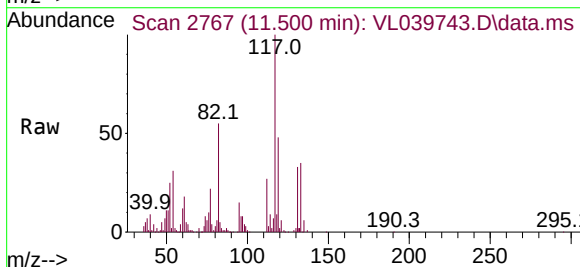
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

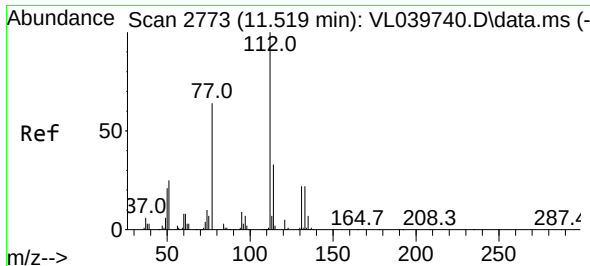
Tgt Ion:117 Resp: 2508337
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 33.6 24.6 36.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.472 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion:131 Resp: 48019
Ion Ratio Lower Upper
131 100
133 99.0 77.2 115.8
119 1750.6 55.5 83.3#

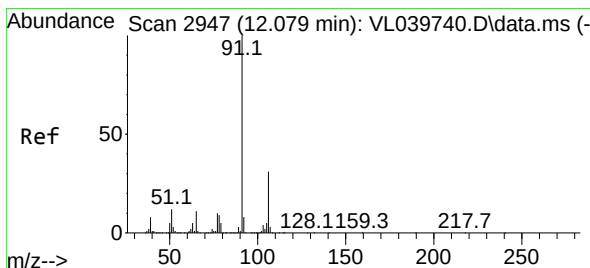
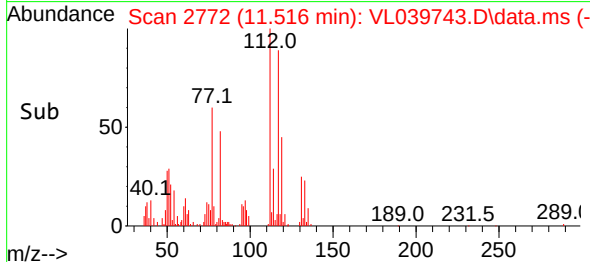
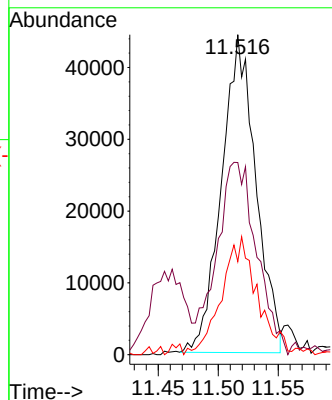
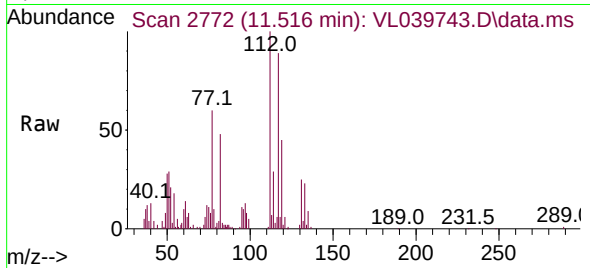




#57
Chlorobenzene
Concen: 0.480 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

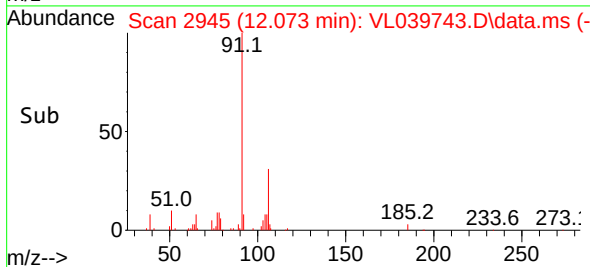
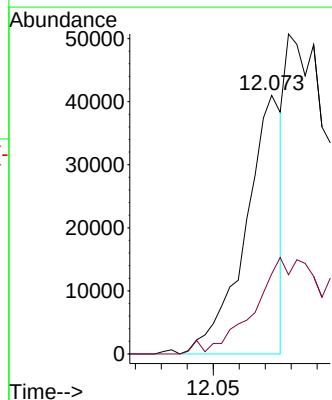
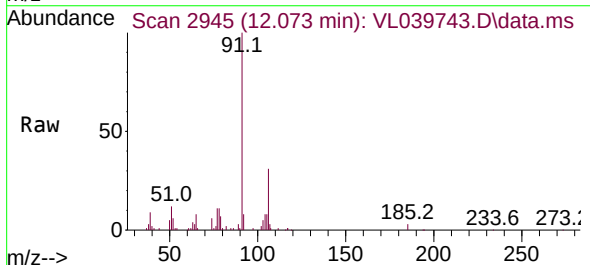
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

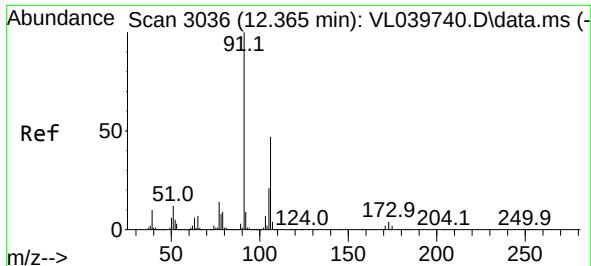
Tgt Ion:112 Resp: 88253
Ion Ratio Lower Upper
112 100
77 53.7 51.4 77.2
114 26.3 30.0 36.6#



#58
Ethyl Benzene
Concen: 0.138 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.006 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 91 Resp: 39924
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8





#59

m/p-Xylene

Concen: 0.159 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

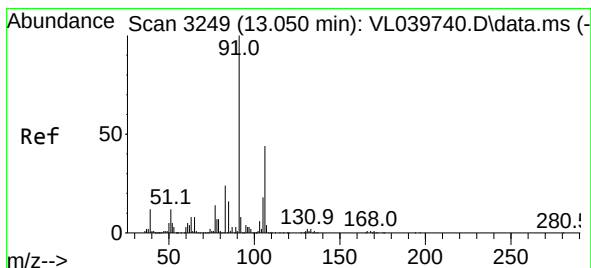
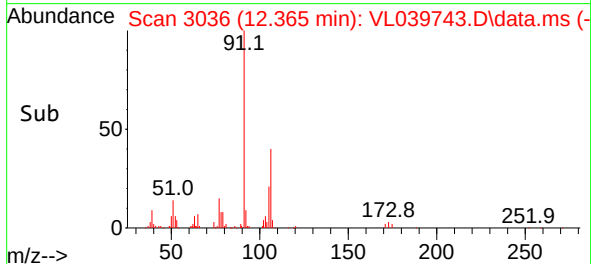
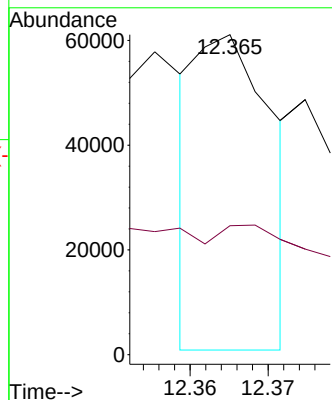
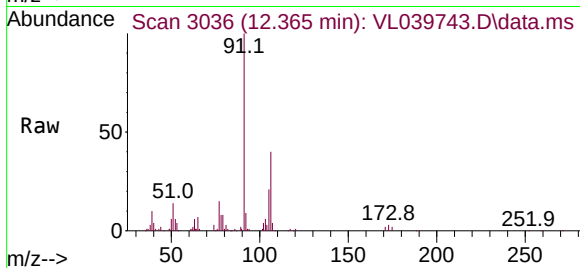
VSTDIC0.5

Tgt Ion: 91 Resp: 40701

Ion Ratio Lower Upper

91 100

106 227.8 36.2 54.4#



#60

o-Xylene

Concen: 0.405 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VL039743.D

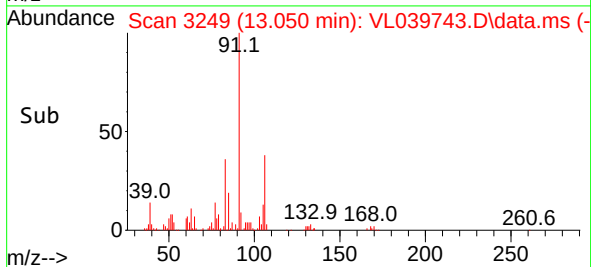
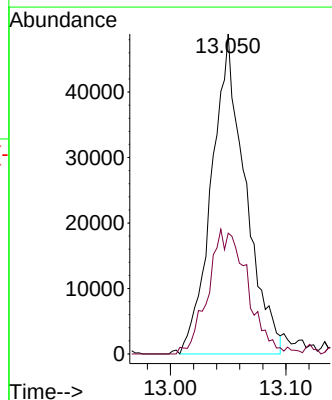
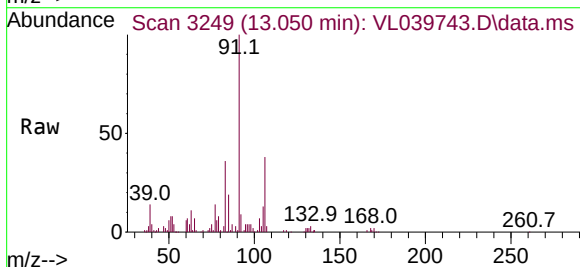
Acq: 21 Oct 2022 11:58

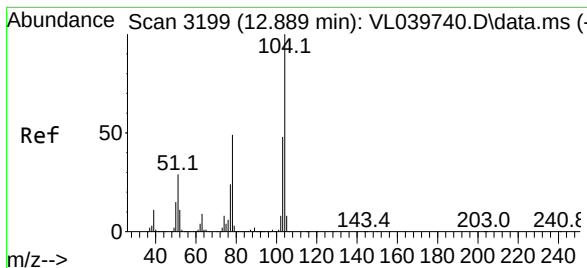
Tgt Ion: 91 Resp: 99159

Ion Ratio Lower Upper

91 100

106 45.6 22.4 67.0





#61

Styrene

Concen: 0.245 ppbv

RT: 12.892 min Scan# 3199

Delta R.T. 0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

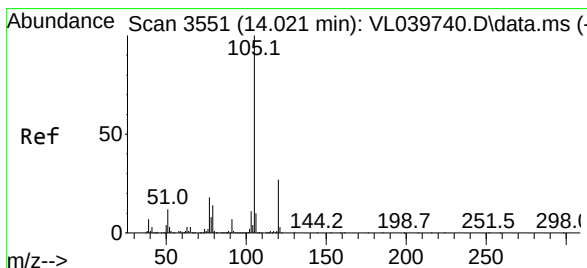
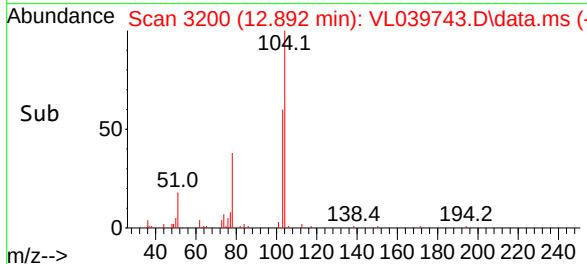
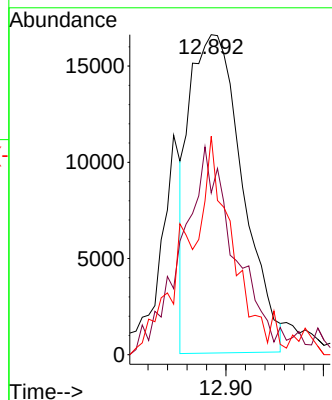
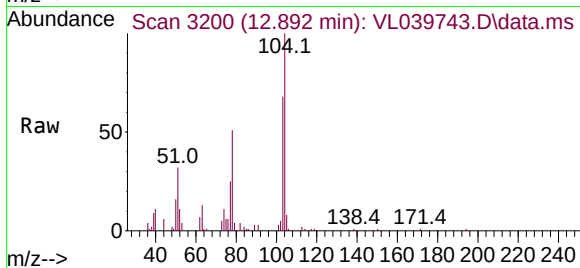
Tgt Ion:104 Resp: 31370

Ion Ratio Lower Upper

104 100

78 71.5 39.6 59.4#

103 63.2 38.1 57.1#



#62

Isopropylbenzene

Concen: 0.442 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.003 min

Lab File: VL039743.D

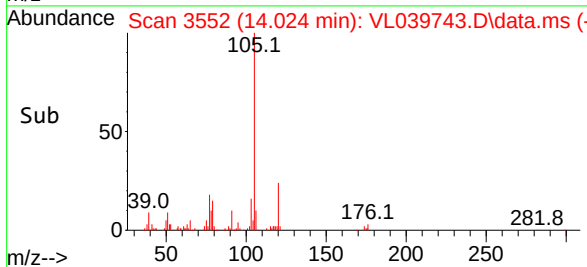
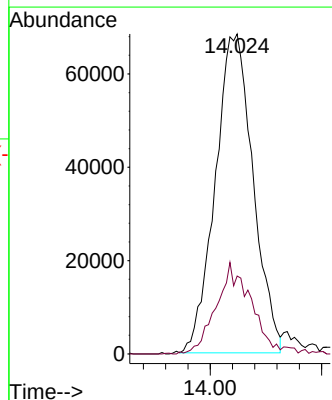
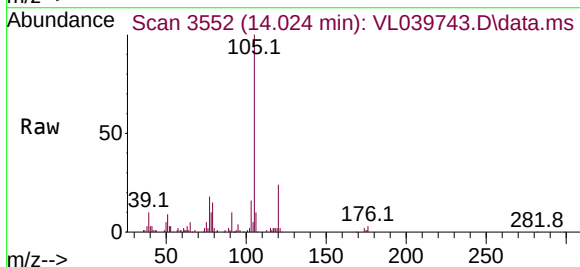
Acq: 21 Oct 2022 11:58

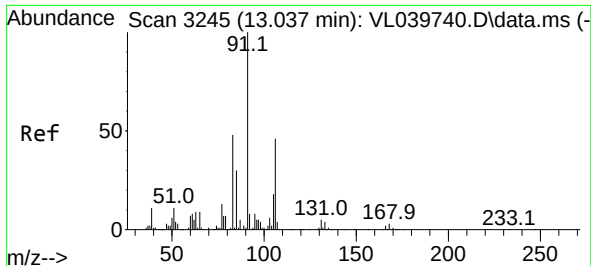
Tgt Ion:105 Resp: 161184

Ion Ratio Lower Upper

105 100

120 26.9 20.2 30.4





#63

1,1,2,2-Tetrachloroethane

Concen: 0.107 ppbv

RT: 13.040 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

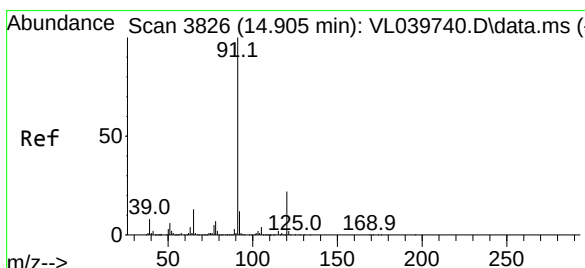
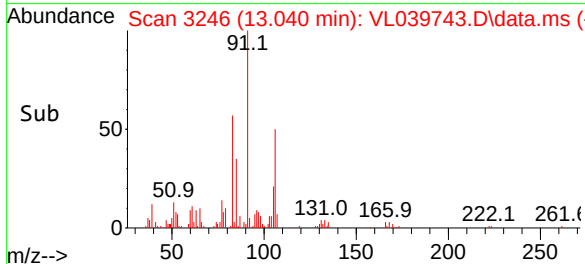
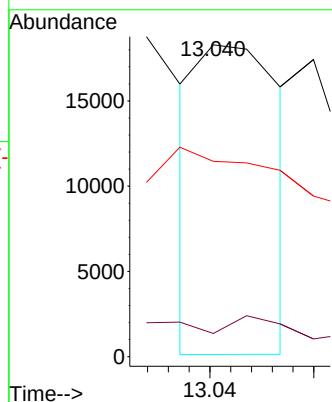
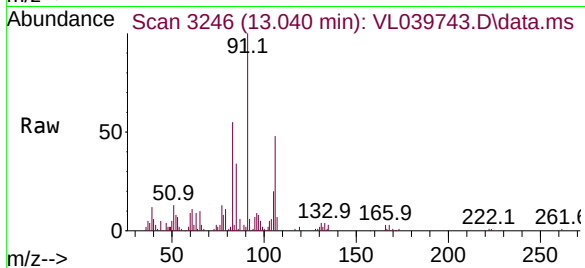
Tgt Ion: 83 Resp: 9988

Ion Ratio Lower Upper

83 100

131 54.4 4.9 14.7#

85 329.1 32.8 98.4#



#64

n-propylbenzene

Concen: 0.164 ppbv

RT: 14.908 min Scan# 3827

Delta R.T. 0.003 min

Lab File: VL039743.D

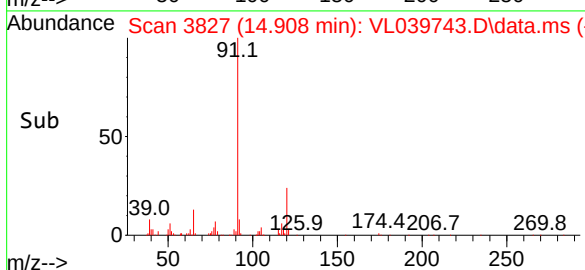
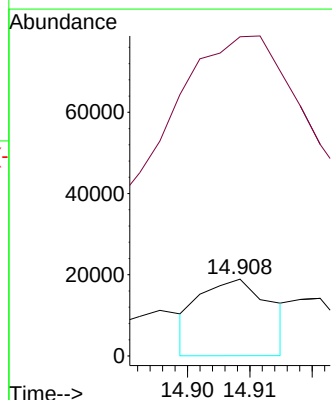
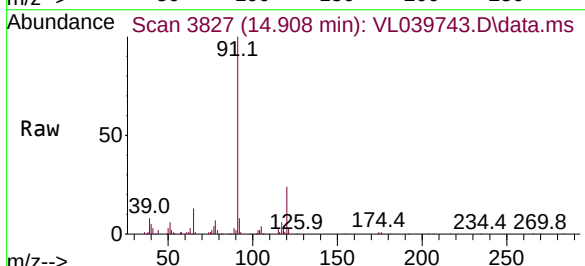
Acq: 21 Oct 2022 11:58

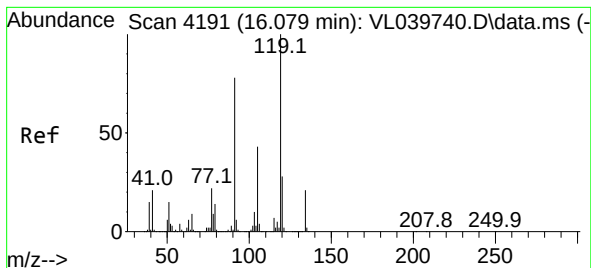
Tgt Ion:120 Resp: 15043

Ion Ratio Lower Upper

120 100

91 1295.8 376.2 564.2#





#65

tert-Butylbenzene

Concen: 0.420 ppbv

RT: 16.085 min Scan# 4191

Delta R.T. 0.007 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

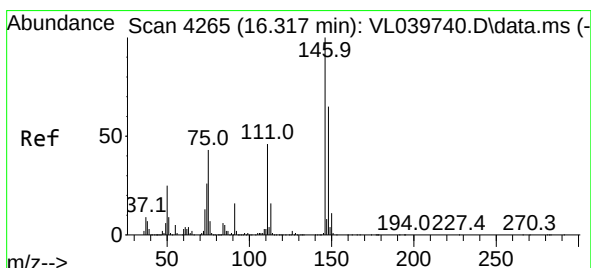
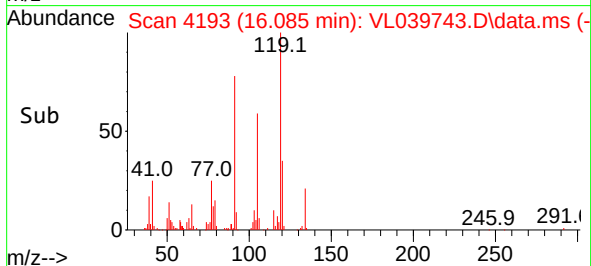
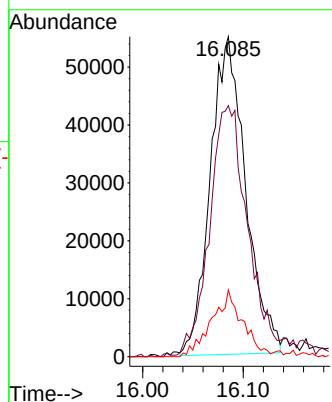
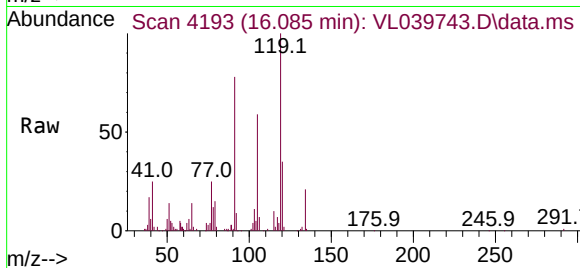
Tgt Ion:119 Resp: 134173

Ion Ratio Lower Upper

119 100

91 89.2 64.2 96.2

134 19.4 15.5 23.3



#66

Benzyl Chloride

Concen: 0.081 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

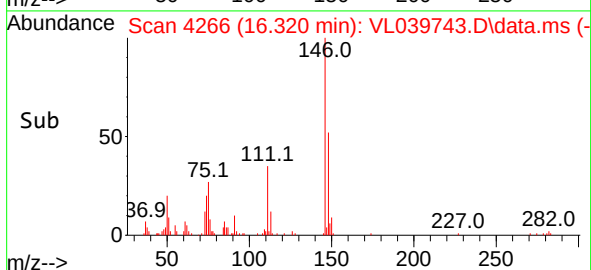
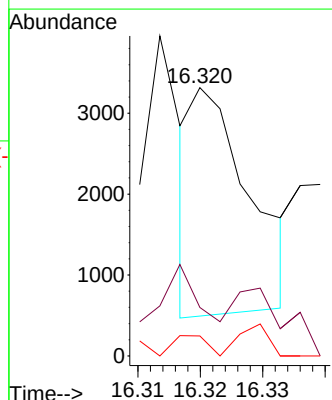
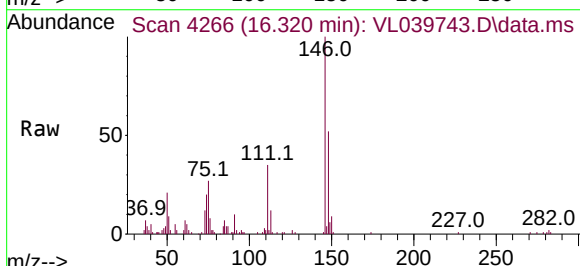
Tgt Ion: 91 Resp: 1802

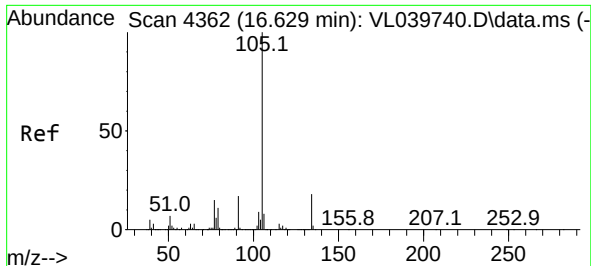
Ion Ratio Lower Upper

91 100

126 88.6 12.6 18.8#

128 0.0 4.2 6.2#





#67

sec-Butylbenzene

Concen: 0.419 ppbv

RT: 16.629 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_1

ClientSampleId :

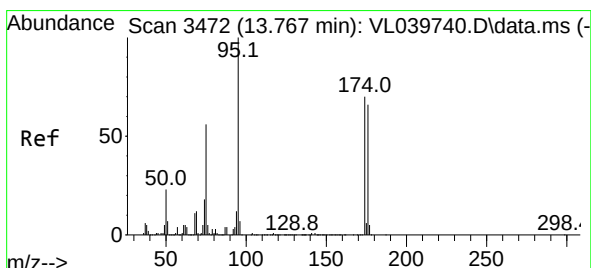
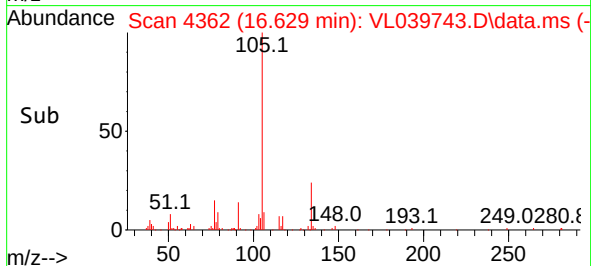
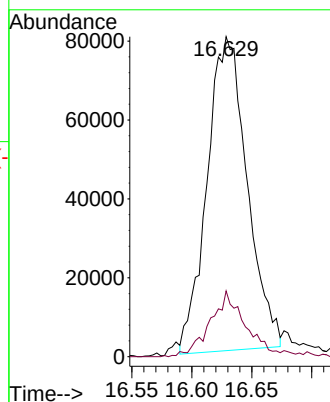
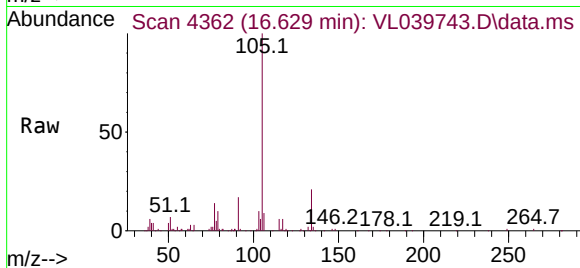
VSTDIC0.5

Tgt Ion:105 Resp: 185151

Ion Ratio Lower Upper

105 100

134 19.2 14.2 21.4



#68

1-Bromo-4-Fluorobenzene

Concen: 10.031 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

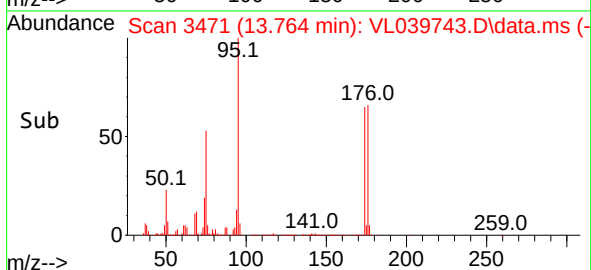
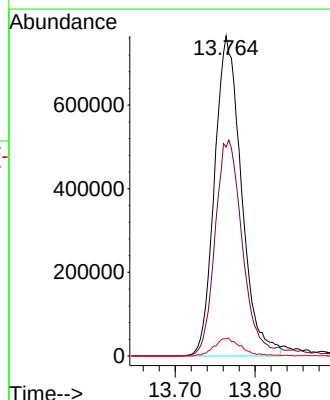
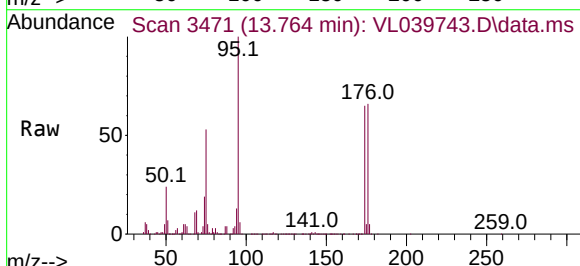
Tgt Ion: 95 Resp: 1786042

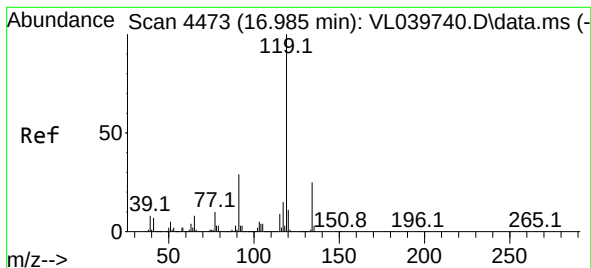
Ion Ratio Lower Upper

95 100

174 71.2 56.5 84.7

175 5.6 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.399 ppbv

RT: 16.989 min Scan# 4474

Delta R.T. 0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

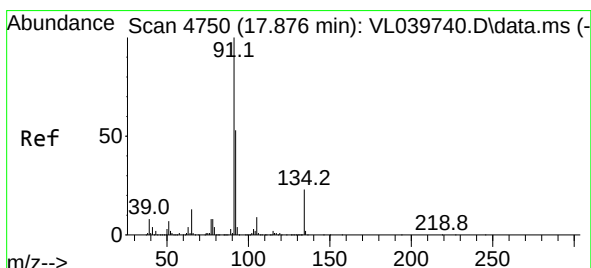
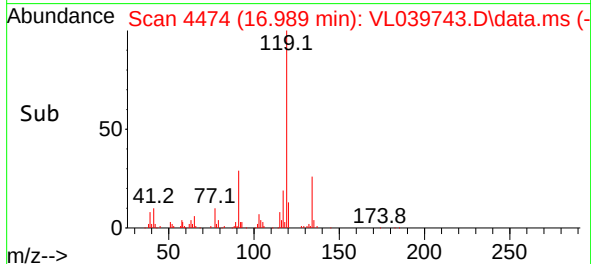
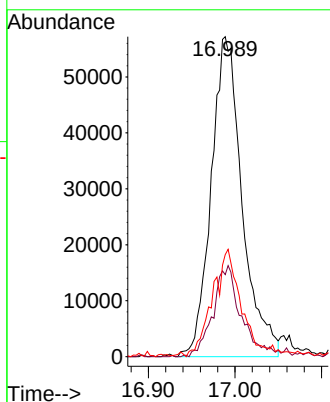
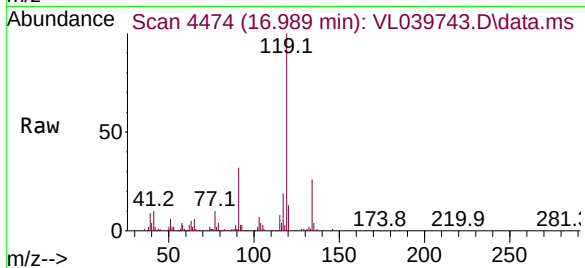
Tgt Ion:119 Resp: 142120

Ion Ratio Lower Upper

119 100

134 27.0 19.8 29.8

91 32.3 22.7 34.1



#70

n-Butylbenzene

Concen: 0.386 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.007 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

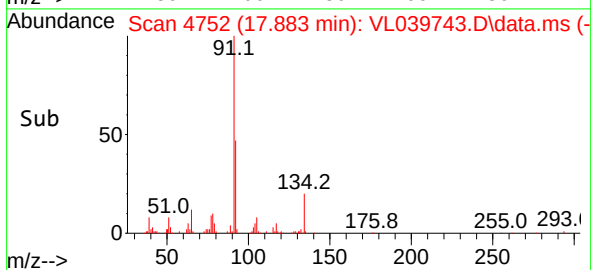
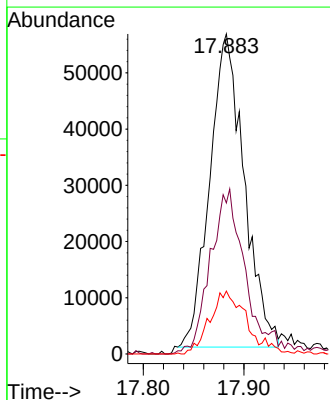
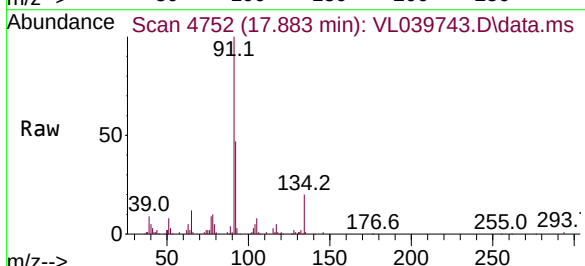
Tgt Ion: 91 Resp: 132494

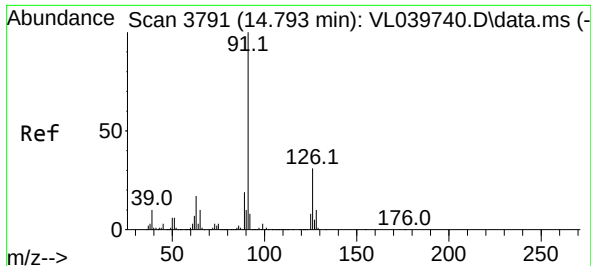
Ion Ratio Lower Upper

91 100

92 55.6 43.3 64.9

134 21.4 18.4 27.6

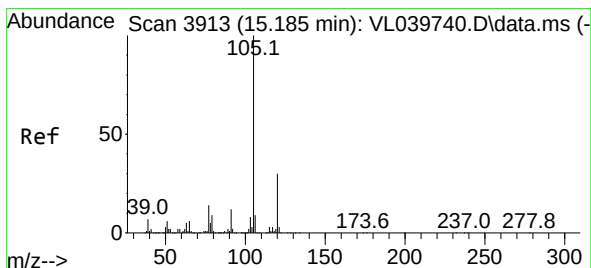
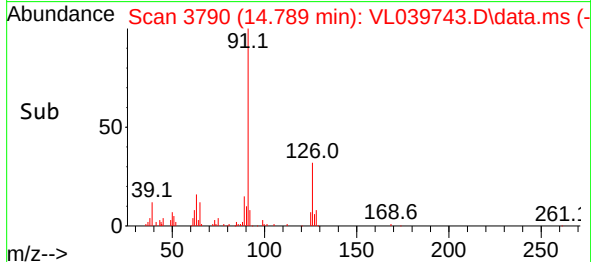
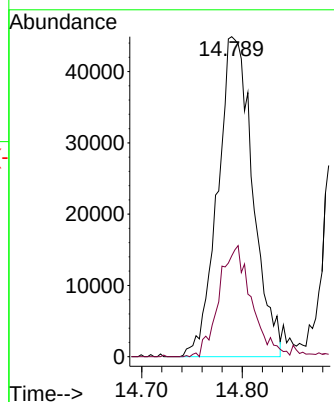
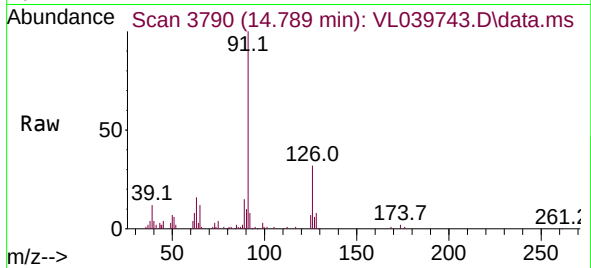




#71
2-Chlorotoluene
Concen: 0.419 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

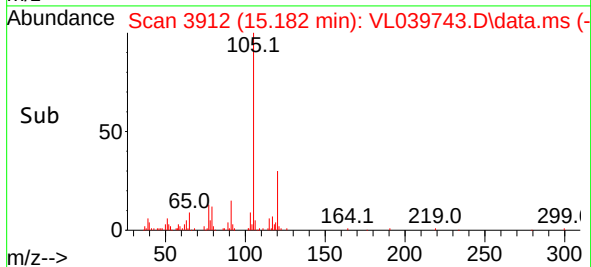
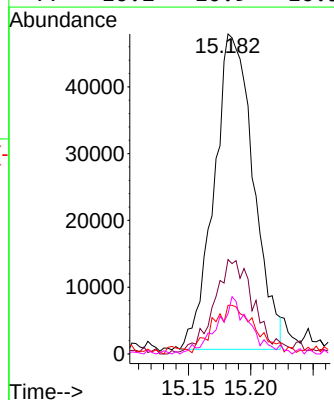
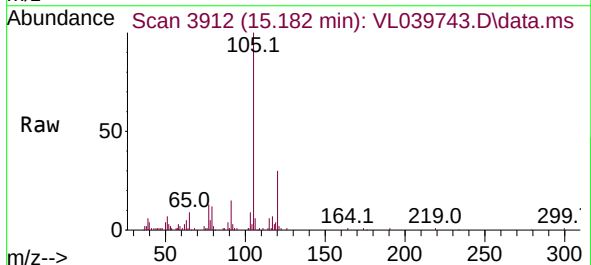
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

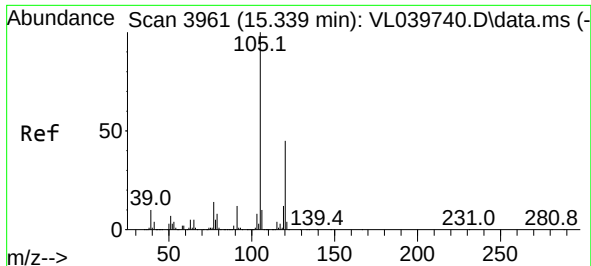
Tgt Ion: 91 Resp: 108877
Ion Ratio Lower Upper
91 100
126 33.0 12.7 50.7



#72
4-Ethyltoluene
Concen: 0.380 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion: 105 Resp: 103910
Ion Ratio Lower Upper
105 100
120 32.8 23.9 35.9
91 18.0 10.3 15.5#
77 16.2 10.9 16.3

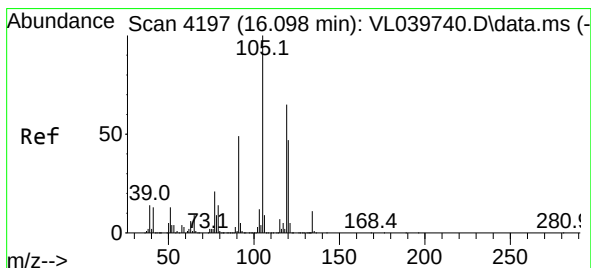
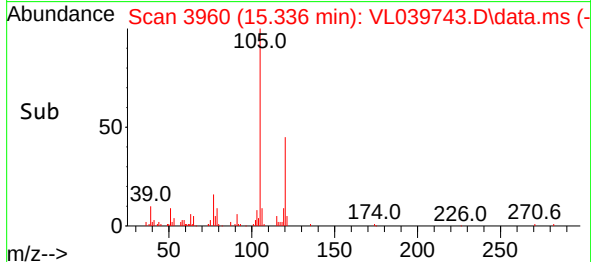
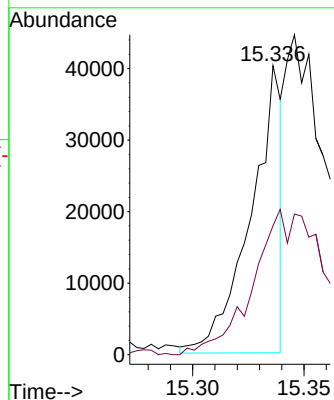
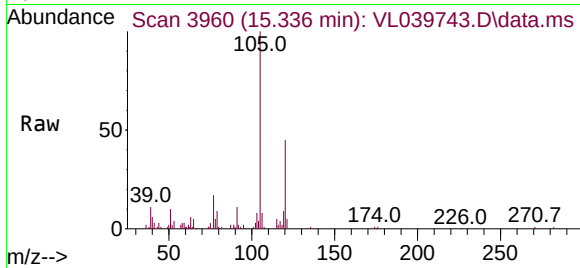




#73
1,3,5-Trimethylbenzene
Concen: 0.152 ppbv
RT: 15.336 min Scan# 3961
Delta R.T. -0.003 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

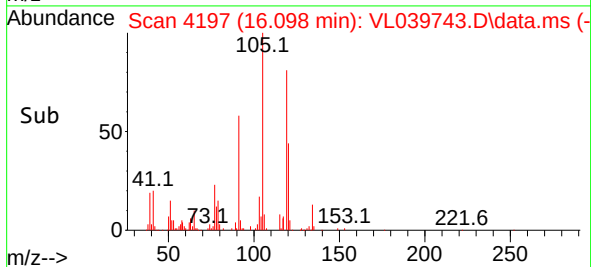
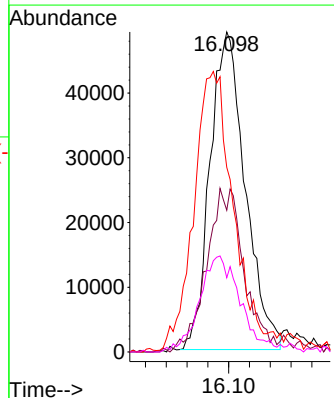
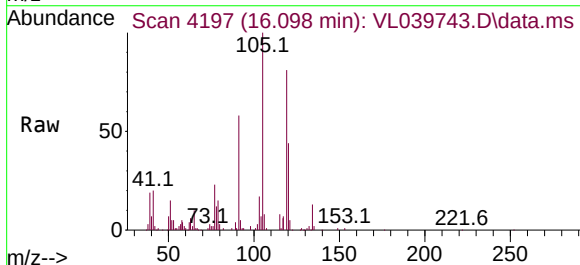
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

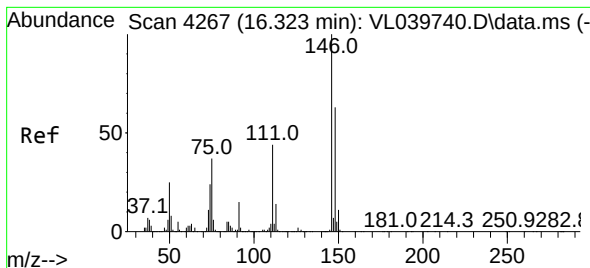
Tgt Ion:105 Resp: 38694
Ion Ratio Lower Upper
105 100
120 45.8 35.6 53.4



#74
1,2,4-Trimethylbenzene
Concen: 0.413 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion:105 Resp: 115364
Ion Ratio Lower Upper
105 100
120 41.3 37.6 56.4
91 52.2 40.1 60.1
77 21.0 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 0.374 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

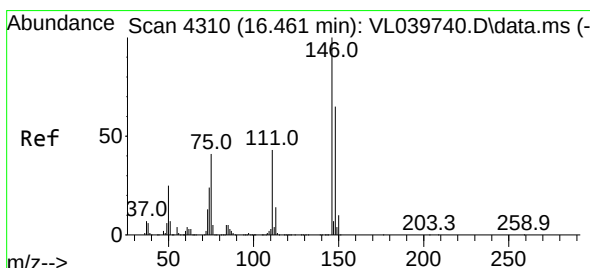
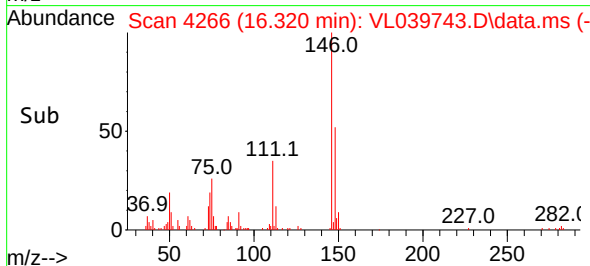
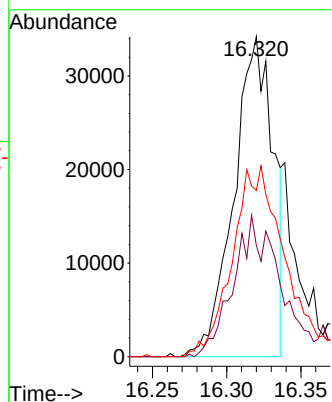
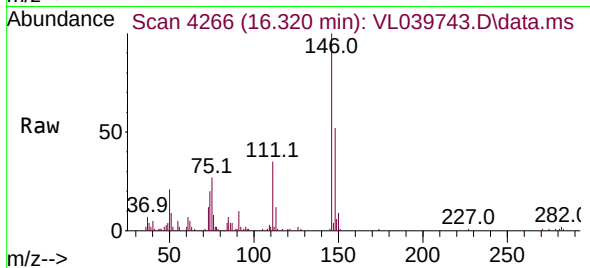
Tgt Ion:146 Resp: 62686

Ion Ratio Lower Upper

146 100

111 57.8 22.8 68.3

148 81.2 32.6 97.7



#76

1,4-Dichlorobenzene

Concen: 0.185 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. -0.003 min

Lab File: VL039743.D

Acq: 21 Oct 2022 11:58

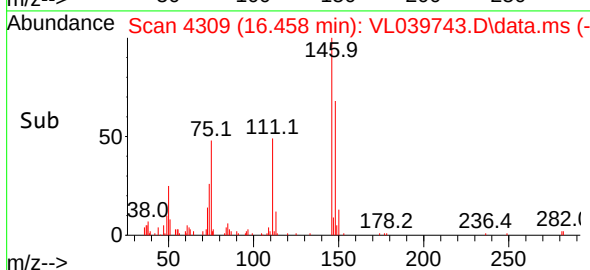
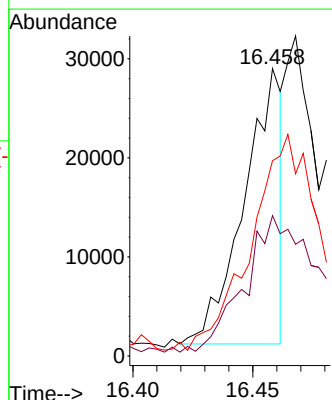
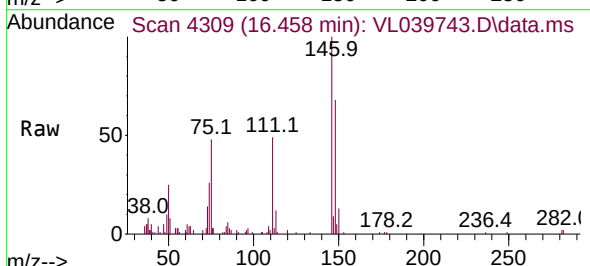
Tgt Ion:146 Resp: 30254

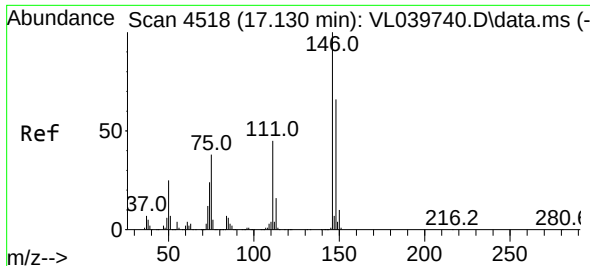
Ion Ratio Lower Upper

146 100

111 116.5 22.1 66.5#

148 0.0 33.2 99.6#

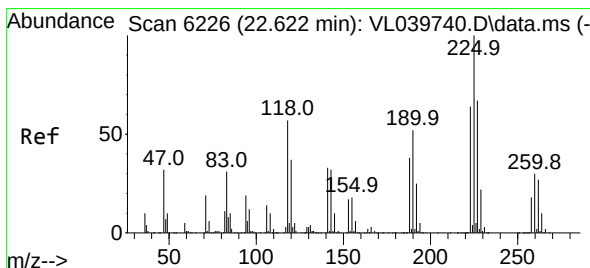
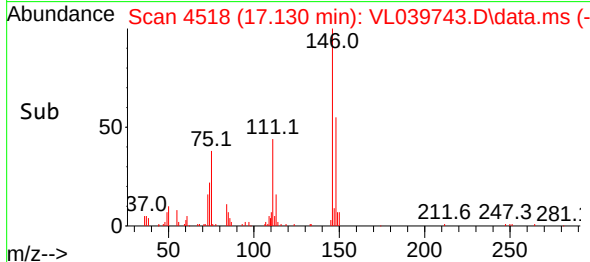
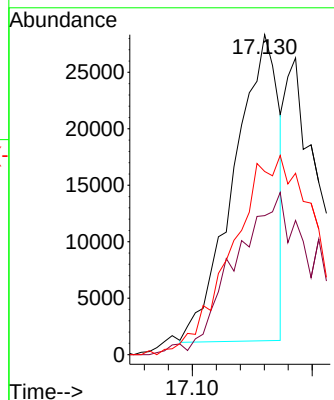
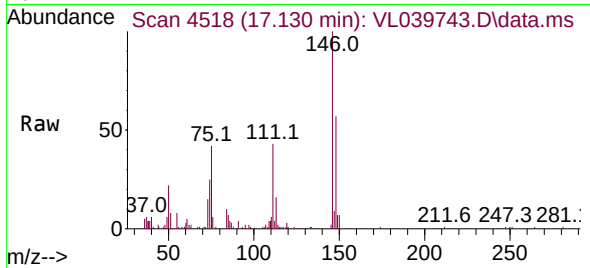




#77
1,2-Dichlorobenzene
Concen: 0.217 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

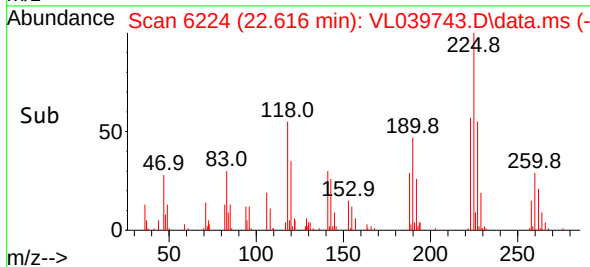
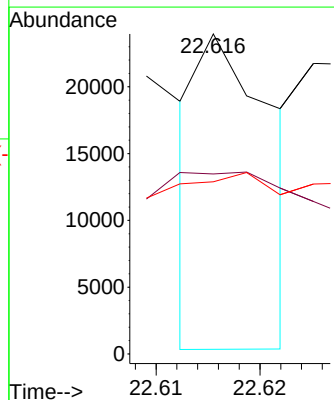
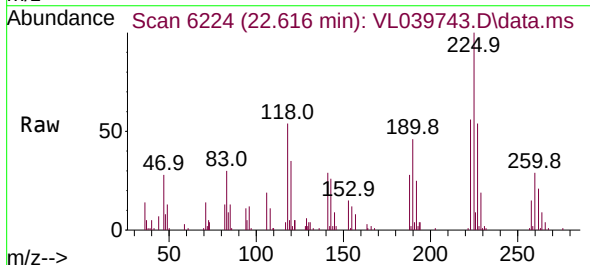
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

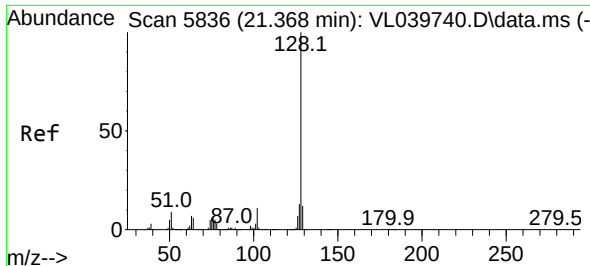
Tgt Ion:146 Resp: 35322
Ion Ratio Lower Upper
146 100
111 0.0 23.6 70.8#
148 0.0 32.8 98.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.099 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.006 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion:225 Resp: 11689
Ion Ratio Lower Upper
225 100
223 360.3 52.4 78.6#
227 0.0 52.7 79.1#

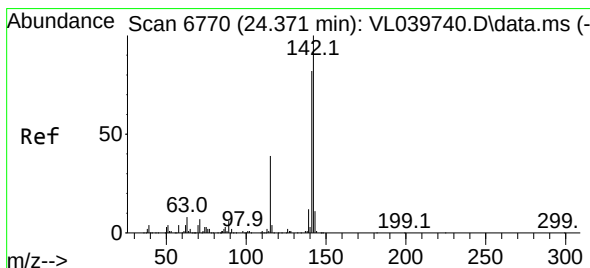
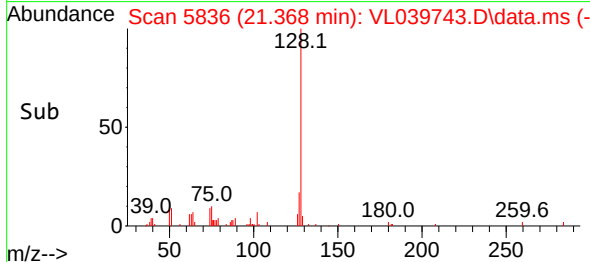
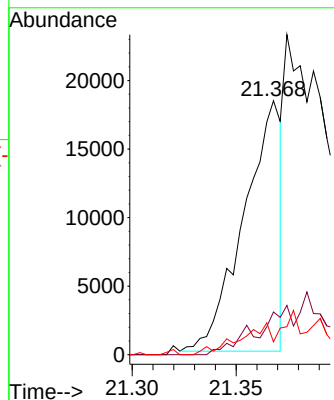
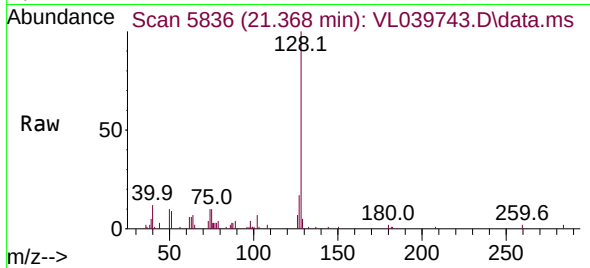




#79
Naphthalene
Concen: 0.139 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

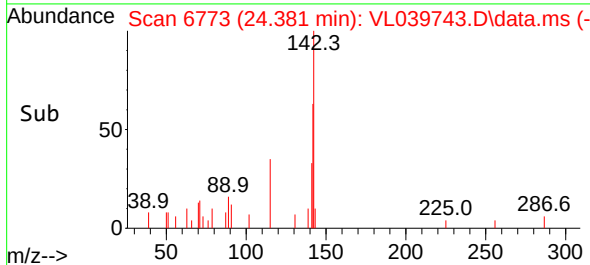
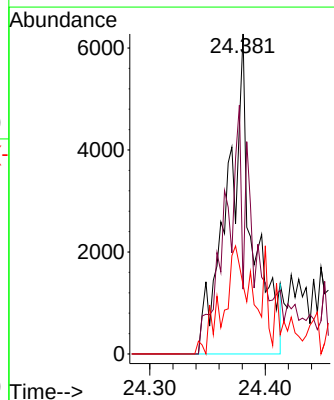
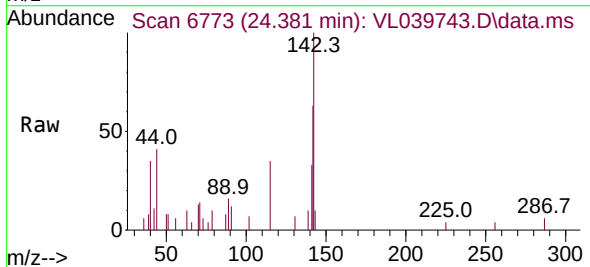
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

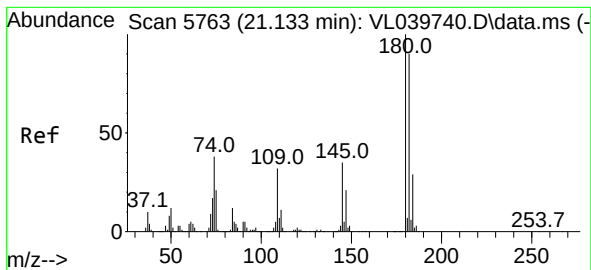
Tgt Ion:128 Resp: 22822
Ion Ratio Lower Upper
128 100
127 17.1 10.8 16.2#
129 5.1 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.194 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.010 min
Lab File: VL039743.D
Acq: 21 Oct 2022 11:58

Tgt Ion:142 Resp: 9491
Ion Ratio Lower Upper
142 100
141 101.1 70.0 105.0
115 44.9 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 0.206 ppbv

RT: 21.136 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL039743.D

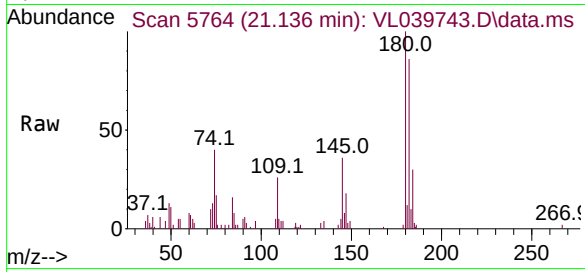
Acq: 21 Oct 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 22619

Ion Ratio Lower Upper

180 100

182 202.1 0.0 0.0#

184 61.7 0.0 0.0#

