

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040284.D
 Acq On : 15 Mar 2023 14:44
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Mar 16 07:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1087369	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2704592	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2406225	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1999537	9.923	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	7061	0.033	ppbv	100
3) Chlorodifluoromethane	2.674	51	4005	0.029	ppbv #	82
4) Chloromethane	2.809	50	1023	0.012	ppbv	95
5) Vinyl Chloride	2.919	62	711	0.010	ppbv #	67
6) Bromomethane	3.124	94	787	0.033	ppbv #	23
7) Chloroethane	3.198	64	494	0.019	ppbv #	60
8) Dichlorotetrafluoroethane	2.857	85	5360	0.029	ppbv	96
9) Propene	2.697	41	2452	0.047	ppbv	84
10) Heptane	7.600	43	294	0.002	ppbv #	1
11) Trichlorofluoromethane	3.565	101	4593	0.024	ppbv #	83
12) 1,1,2-Trichlorotrifluo...	4.063	101	1398	0.010	ppbv #	17
13) Ethanol	3.256	45	281	0.073	ppbv #	37
14) Bromoethene	3.369	108	1037	0.019	ppbv #	42
15) Acetone	3.504	43	12370	0.093	ppbv #	72
16) 1,3-Butadiene	2.992	39	1273	0.021	ppbv	91
17) tert-Butyl alcohol	3.918	59	1791	0.014	ppbv #	72
18) 1,1-Dichloroethene	3.883	96	2212	0.036	ppbv #	25
19) Isopropyl Alcohol	3.587	45	31	0.000	ppbv #	90
20) Methylene Chloride	3.935	84	9517	0.171	ppbv #	79
21) Allyl Chloride	4.002	41	1184	0.014	ppbv #	1
22) trans-1,2-Dichloroethene	4.443	96	1226	0.019	ppbv #	36
23) Vinyl Acetate	4.632	43	522	0.014	ppbv #	76
24) 1,1-Dichloroethane	4.571	63	2590	0.020	ppbv #	70
25) Ethyl Acetate	5.217	43	1668	0.007	ppbv #	74
26) Hexane	5.217	57	1087	0.011	ppbv #	1
27) Carbon Disulfide	4.124	76	1917	0.013	ppbv #	64
28) Methyl tert-Butyl Ether	4.613	73	1490	0.013	ppbv #	53
29) Chloroform	5.272	83	5023	0.028	ppbv #	67
30) Cyclohexane	6.610	84	621	0.008	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	1842	0.019	ppbv #	60
32) 1,1,1-Trichloroethane	6.021	97	795	0.005	ppbv #	1
34) 2-Butanone	4.783	43	138	0.001	ppbv #	53
35) Carbon Tetrachloride	6.494	117	2065	0.012	ppbv #	53
36) Benzene	6.381	78	1246	0.006	ppbv #	43
37) 1,2-Dichloroethane	5.812	62	2759	0.021	ppbv #	84
38) Trichloroethene	7.301	130	1490	0.013	ppbv #	64
39) 1,2-Dichloropropane	6.658	63	709051	8.768	ppbv #	24
40) 1,4-Dioxane	7.356	88	101	0.003	ppbv #	1
41) Tetrahydrofuran	5.590	42	277	0.004	ppbv #	35
42) Bromodichloromethane	7.262	83	2003	0.011	ppbv #	25
43) Methyl Methacrylate	7.481	69	165	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.340	57	1354	0.004	ppbv #	1
45) t-1,3-Dichloropropene	8.719	75	351	0.005	ppbv	100

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

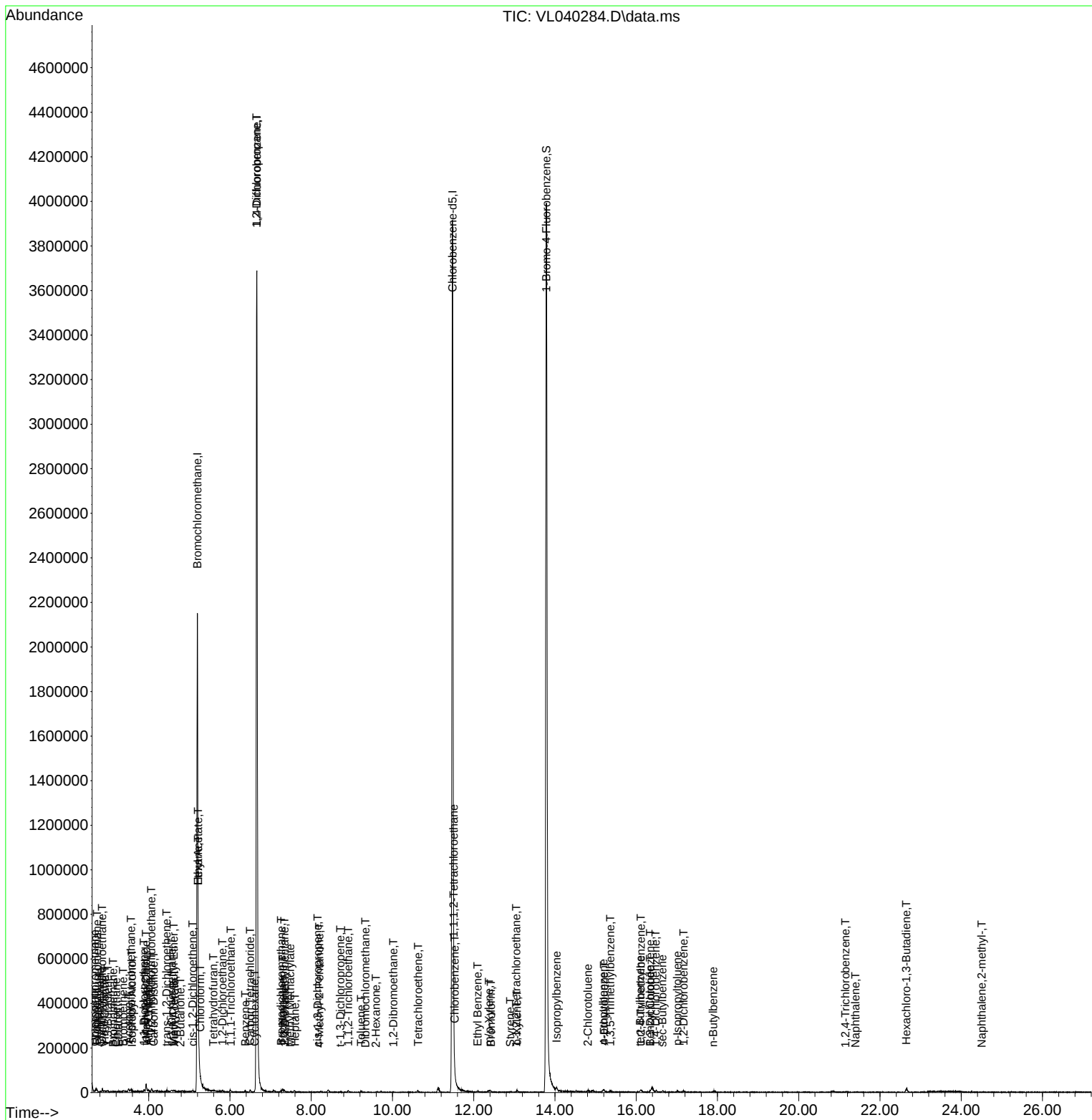
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

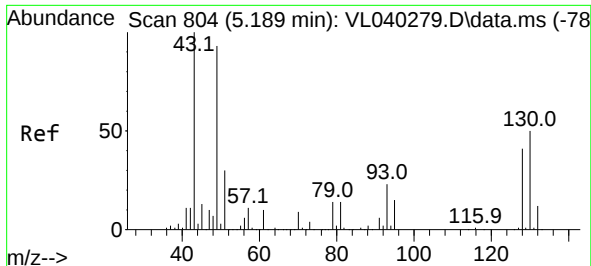
Quant Time: Mar 16 07:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.159	75	487	0.005	ppbv	#	39
47) 1,1,2-Trichloroethane	8.912	97	1262	0.015	ppbv	#	56
48) Dibromochloromethane	9.333	129	80	0.001	ppbv		82
49) Bromoform	12.423	173	588	0.006	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.201	43	176	0.001	ppbv	#	38
51) 2-Hexanone	9.590	43	275	0.002	ppbv	#	30
52) Tetrachloroethene	10.632	164	456	0.007	ppbv	#	51
53) Toluene	9.230	91	1529	0.007	ppbv	#	21
54) 1,2-Dibromoethane	10.018	107	417	0.005	ppbv		85
56) 1,1,1,2-Tetrachloroethane	11.510	131	856	0.008	ppbv	#	1
57) Chlorobenzene	11.536	112	1483	0.009	ppbv	#	66
58) Ethyl Benzene	12.098	91	907	0.003	ppbv	#	45
59) m/p-Xylene	12.378	91	1341	0.005	ppbv	#	33
60) o-Xylene	13.066	91	1083	0.005	ppbv	#	1
61) Styrene	12.902	104	828	0.007	ppbv	#	35
62) Isopropylbenzene	14.040	105	3672	0.011	ppbv	#	61
63) 1,1,2,2-Tetrachloroethane	13.050	83	541	0.006	ppbv	#	24
64) n-propylbenzene	15.191	120	111	0.001	ppbv		95
65) tert-Butylbenzene	16.098	119	614	0.002	ppbv	#	15
66) Benzyl Chloride	16.342	91	197	0.010	ppbv	#	69
67) sec-Butylbenzene	16.641	105	676	0.002	ppbv	#	60
69) p-Isopropyltoluene	17.011	119	2498	0.008	ppbv	#	46
70) n-Butylbenzene	17.895	91	1135	0.003	ppbv	#	33
71) 2-Chlorotoluene	14.812	91	685	0.003	ppbv	#	45
72) 4-Ethyltoluene	15.211	105	1441	0.005	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.365	105	994	0.004	ppbv	#	33
74) 1,2,4-Trimethylbenzene	16.117	105	1948	0.007	ppbv	#	39
75) 1,3-Dichlorobenzene	16.342	146	1482	0.010	ppbv	#	54
76) 1,4-Dichlorobenzene	16.481	146	506	0.004	ppbv	#	23
77) 1,2-Dichlorobenzene	17.166	146	943	0.007	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.644	225	1416	0.014	ppbv	#	18
79) Naphthalene	21.394	128	381	0.002	ppbv	#	70
80) Naphthalene,2-methyl-	24.503	142	69	0.002	ppbv	#	17
81) 1,2,4-Trichlorobenzene	21.149	180	278	0.003	ppbv	#	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
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Response via : Initial Calibration

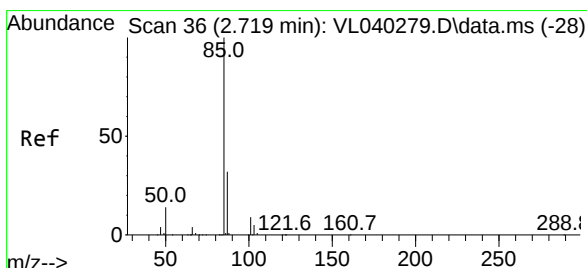
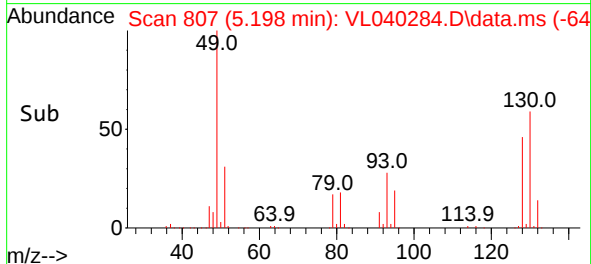
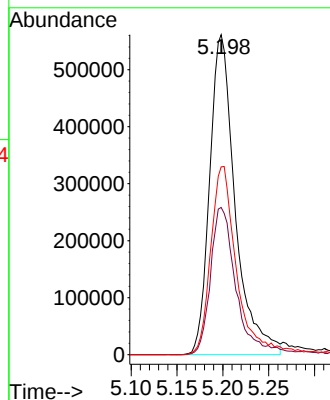
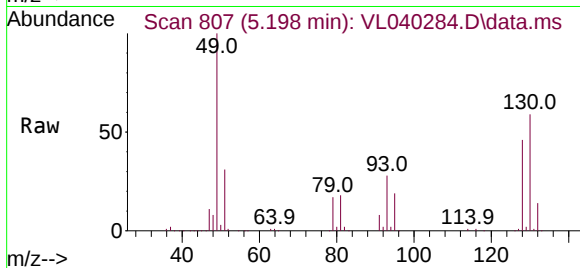




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. 0.009 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

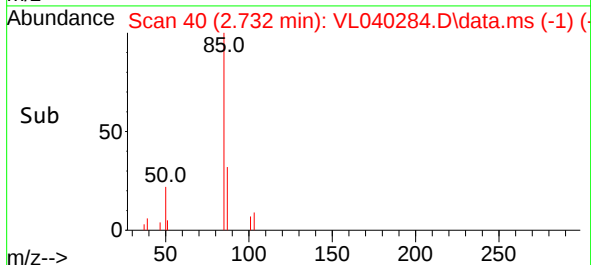
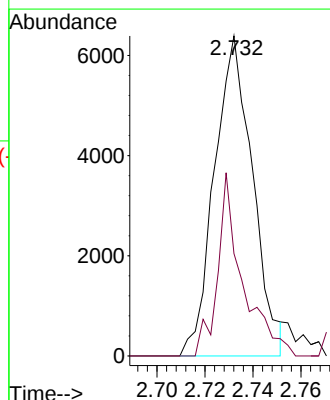
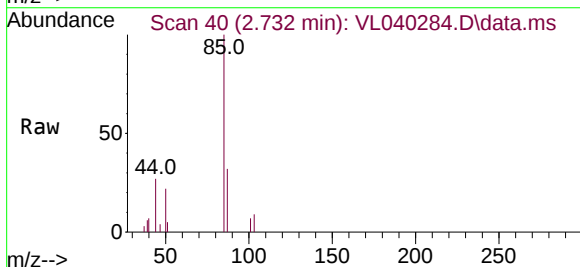
Instrument :
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 ClientSampleId :
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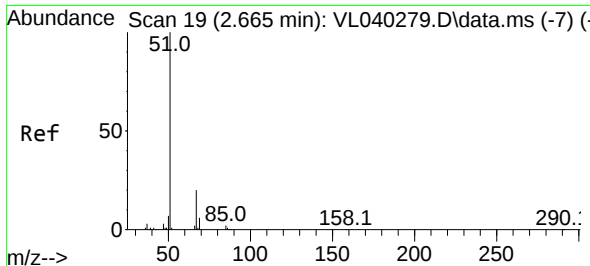
Tgt Ion: 49 Resp: 1087369
 Ion Ratio Lower Upper
 49 100
 128 47.4 22.4 67.3
 130 61.0 28.7 86.1



#2
 Dichlorodifluoromethane
 Concen: 0.033 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.013 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

Tgt Ion: 85 Resp: 7061
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.5 38.3

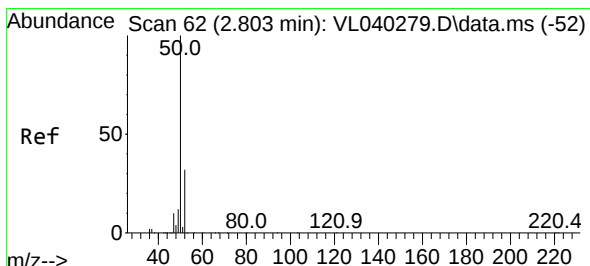
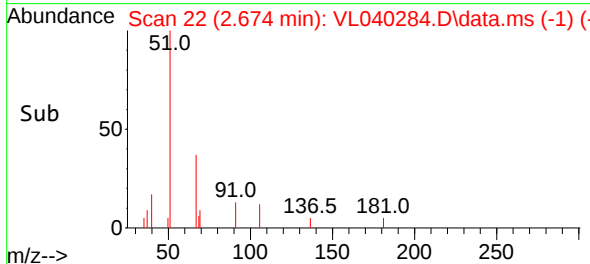
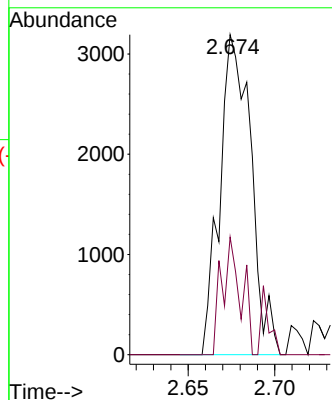
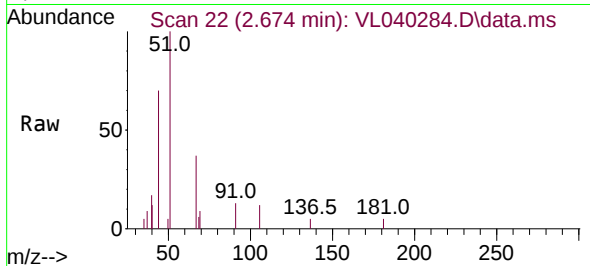




#3
Chlorodifluoromethane
Concen: 0.029 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

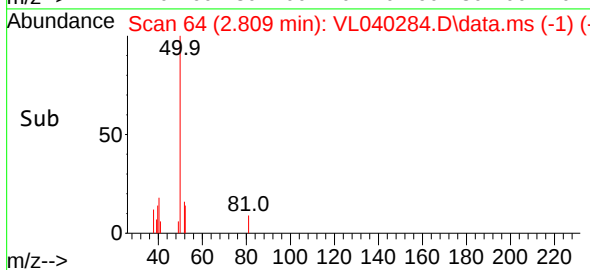
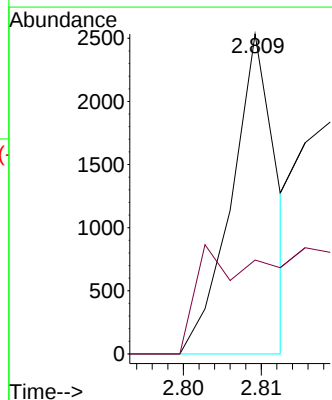
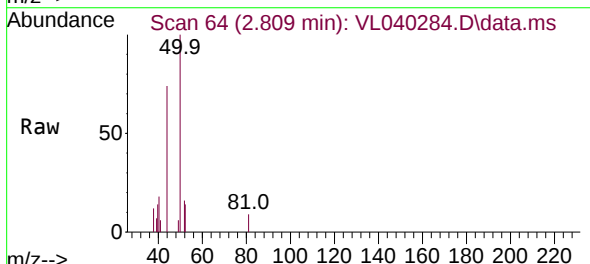
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ClientSampleId :
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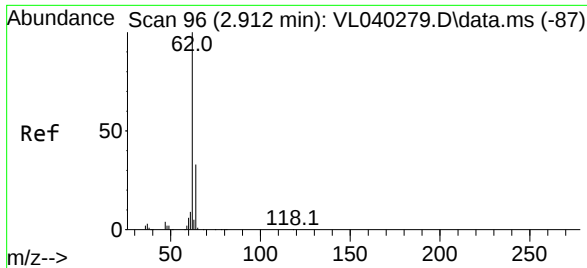
Tgt Ion: 51 Resp: 4005
Ion Ratio Lower Upper
51 100
67 28.1 16.0 24.0#



#4
Chloromethane
Concen: 0.012 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 50 Resp: 1023
Ion Ratio Lower Upper
50 100
52 29.4 25.9 38.9

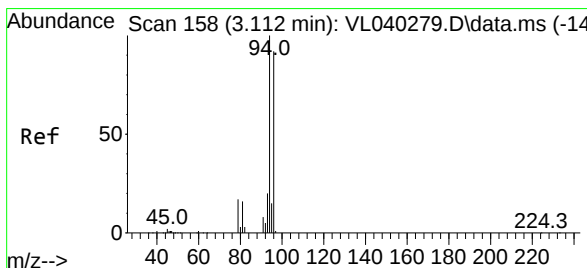
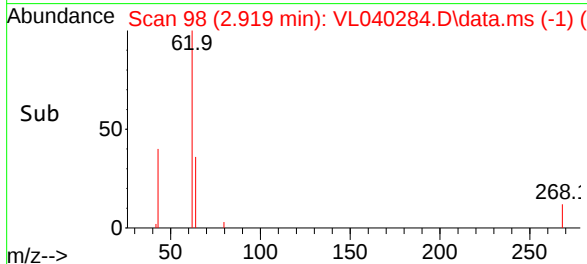
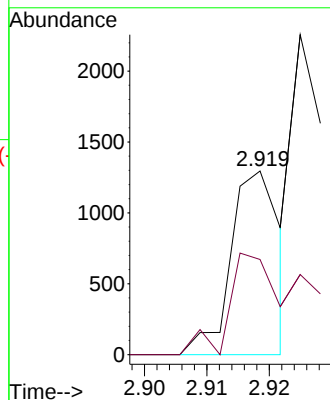
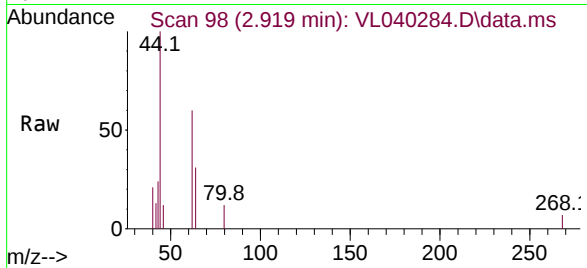




#5
 Vinyl Chloride
 Concen: 0.010 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

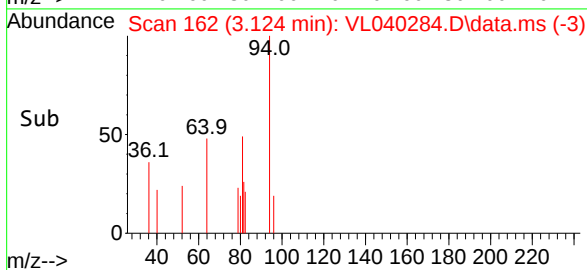
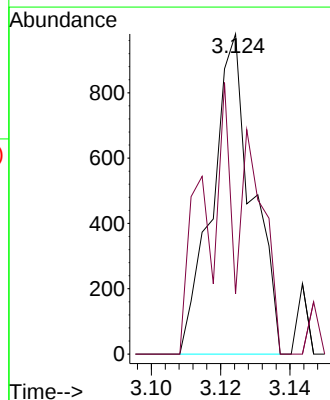
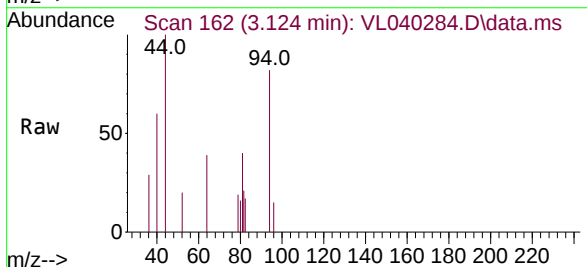
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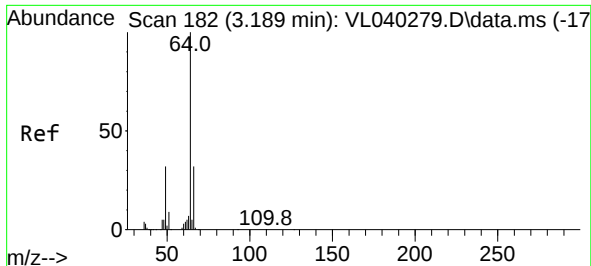
Tgt Ion: 62 Resp: 711
 Ion Ratio Lower Upper
 62 100
 64 51.8 26.4 39.6#



#6
 Bromomethane
 Concen: 0.033 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.013 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

Tgt Ion: 94 Resp: 787
 Ion Ratio Lower Upper
 94 100
 96 18.8 73.7 110.5#

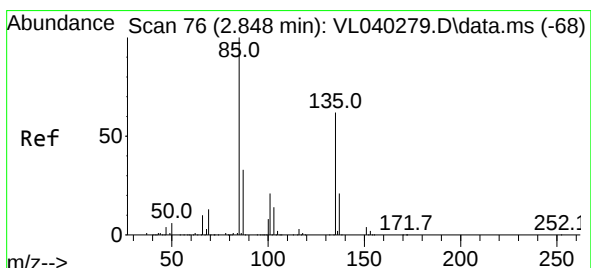
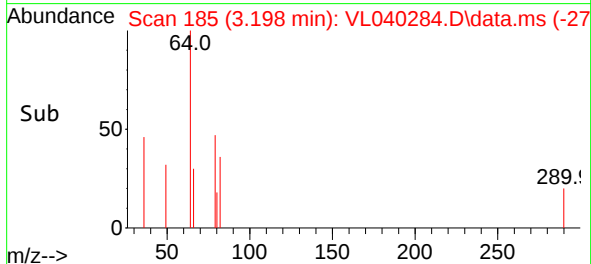
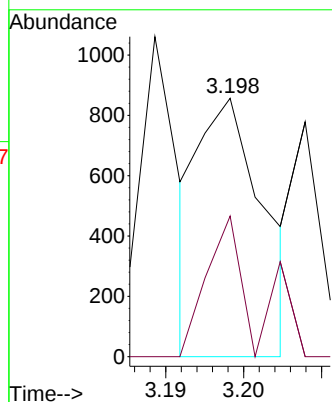
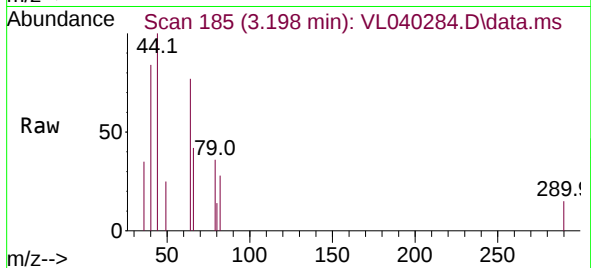




#7
Chloroethane
Concen: 0.019 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

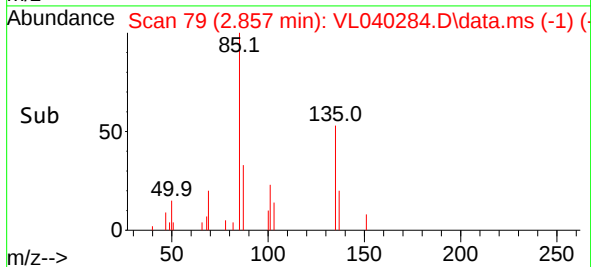
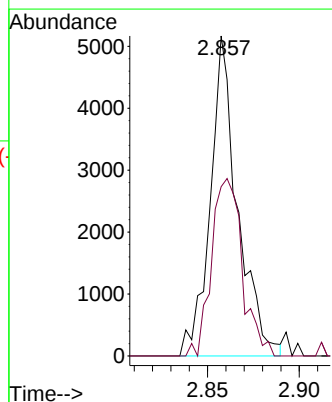
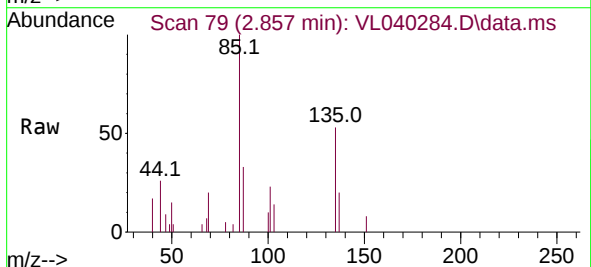
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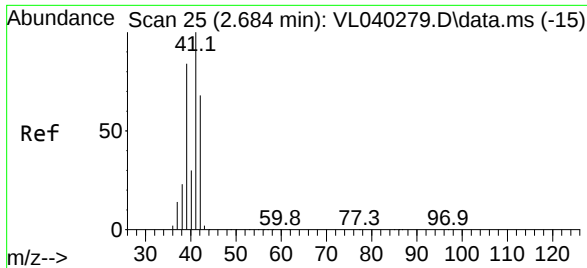
Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 54.4 25.5 38.3#



#8
Dichlorotetrafluoroethane
Concen: 0.029 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 85 Resp: 5360
Ion Ratio Lower Upper
85 100
135 62.1 52.0 78.0

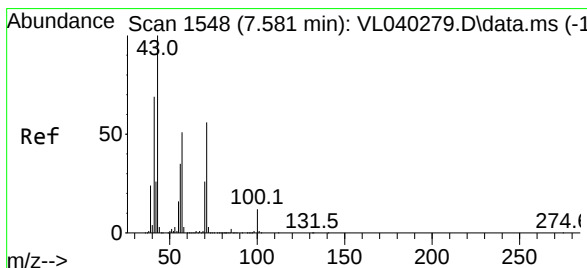
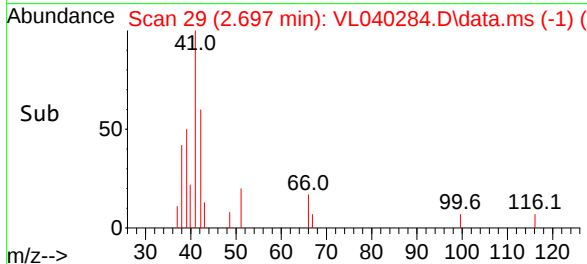
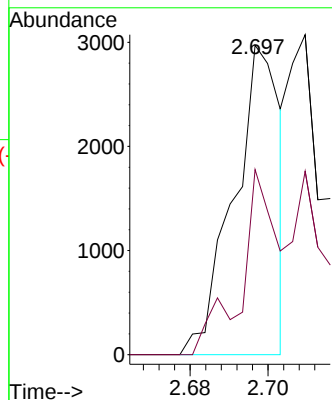
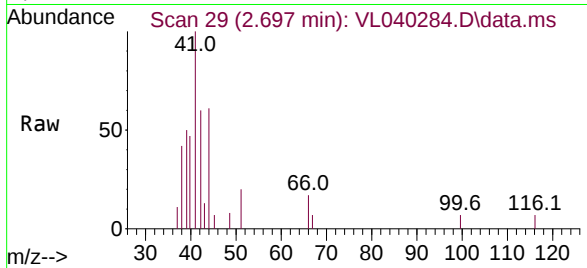




#9
 Propene
 Concen: 0.047 ppbv
 RT: 2.697 min Scan# 24
 Delta R.T. 0.013 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

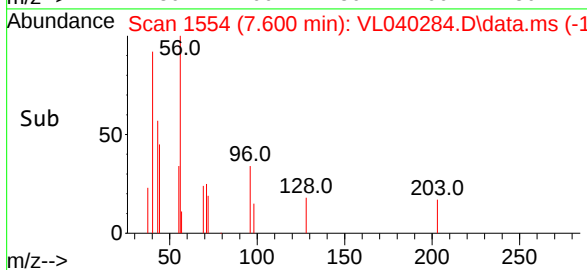
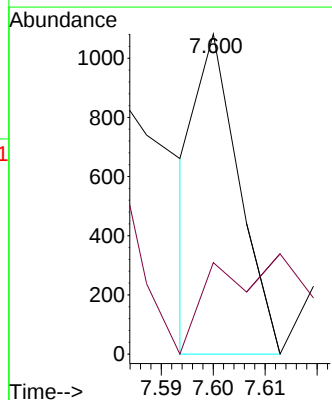
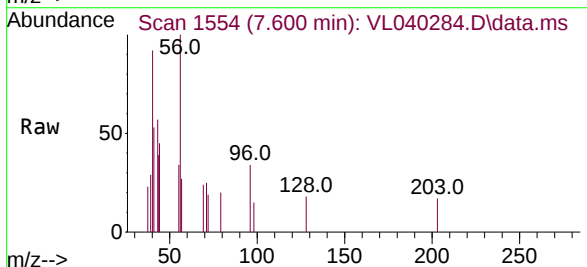
Instrument :
 MSVOA_L
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 VSTDIC0.03

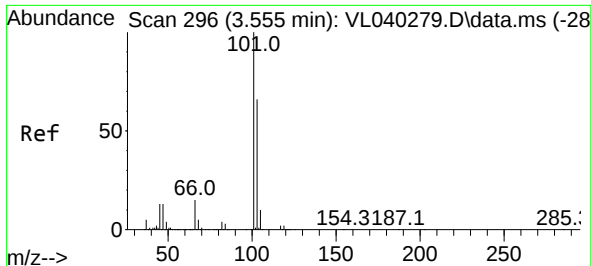
Tgt Ion: 41 Resp: 2452
 Ion Ratio Lower Upper
 41 100
 42 87.3 59.0 88.4



#10
 Heptane
 Concen: 0.002 ppbv
 RT: 7.600 min Scan# 1554
 Delta R.T. 0.019 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

Tgt Ion: 43 Resp: 294
 Ion Ratio Lower Upper
 43 100
 57 406.1 41.7 62.5#

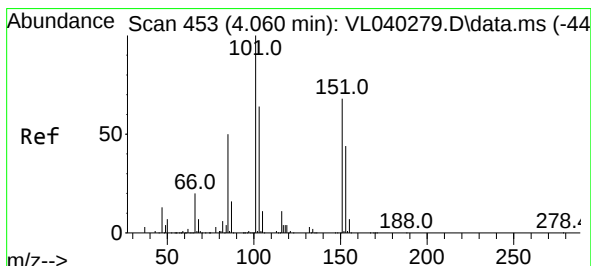
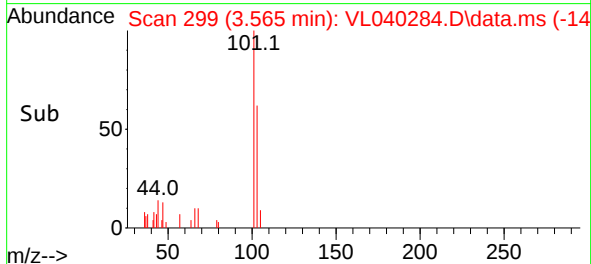
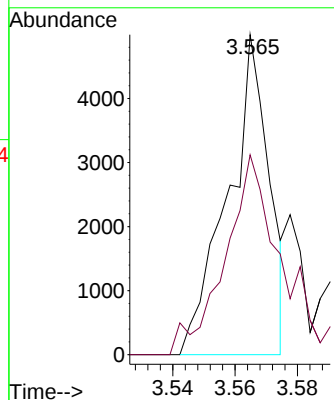
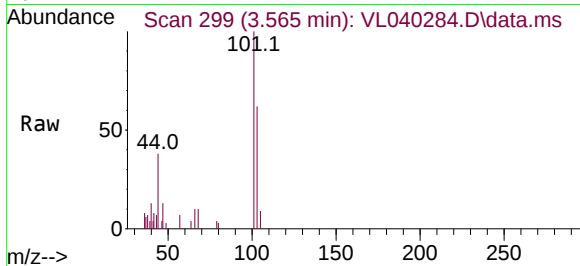




#11
 Trichlorofluoromethane
 Concen: 0.024 ppbv
 RT: 3.565 min Scan# 296
 Delta R.T. 0.010 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

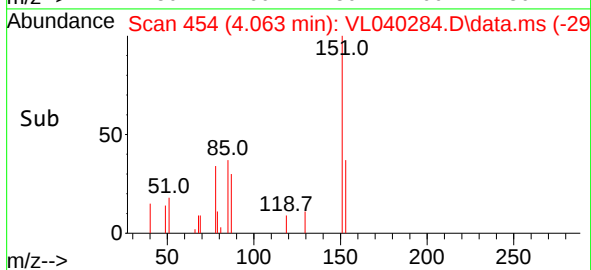
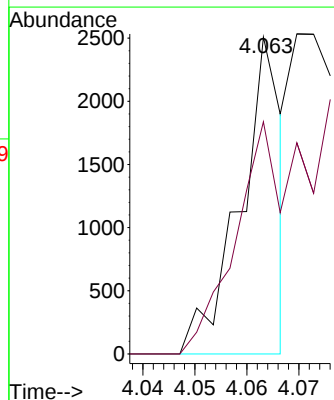
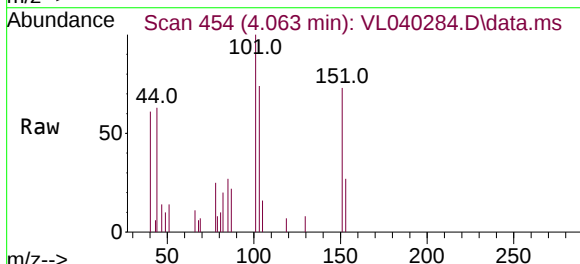
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

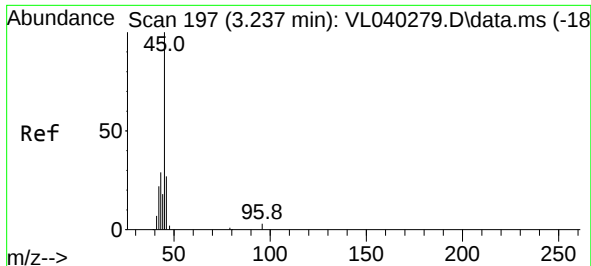
Tgt Ion:101 Resp: 4593
 Ion Ratio Lower Upper
 101 100
 103 52.5 53.1 79.7#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.010 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.003 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

Tgt Ion:101 Resp: 1398
 Ion Ratio Lower Upper
 101 100
 151 0.0 53.2 79.8#

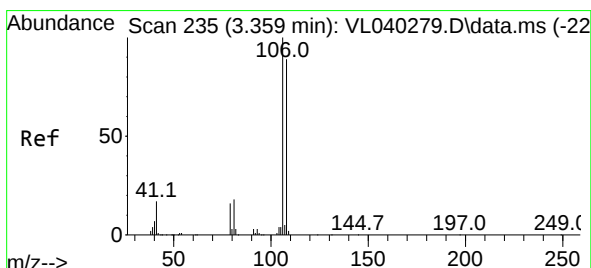
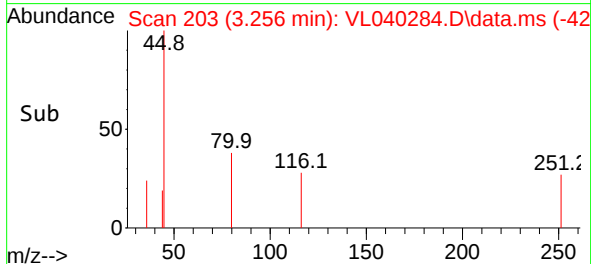
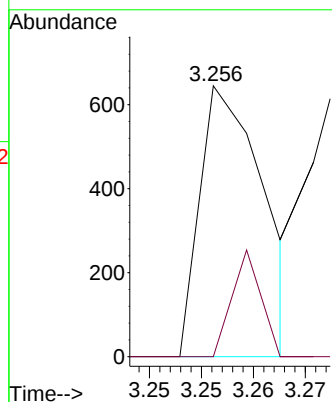
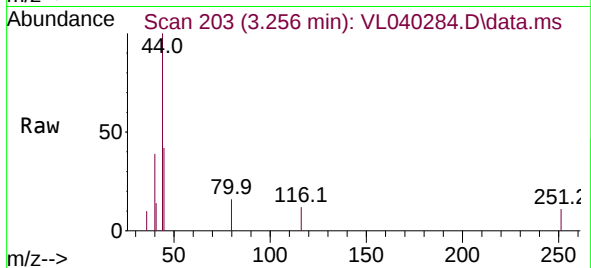




#13
Ethanol
Concen: 0.073 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.019 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

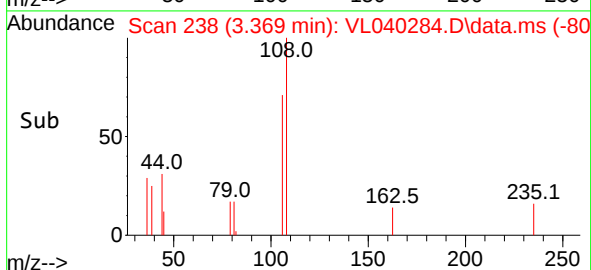
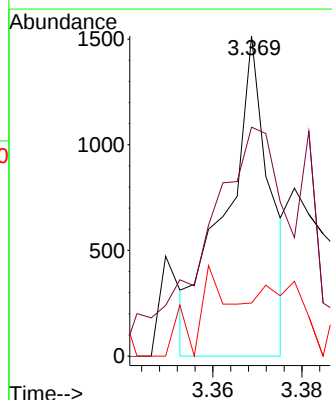
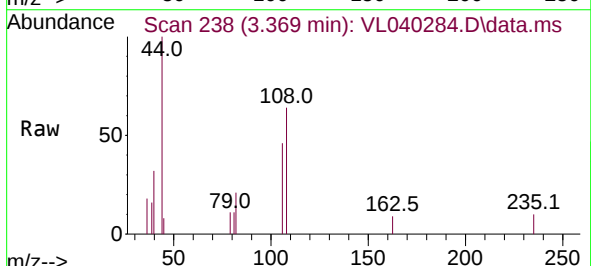
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

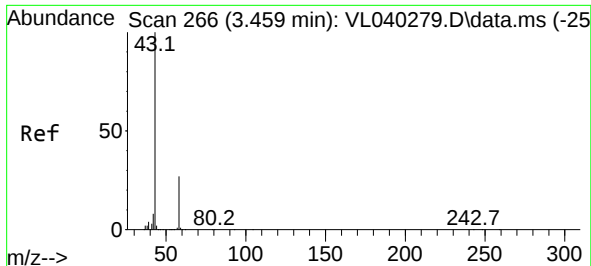
Tgt Ion: 45 Resp: 281
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.2#



#14
Bromoethene
Concen: 0.019 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 108 Resp: 1037
Ion Ratio Lower Upper
108 100
106 166.5 85.8 128.8#
79 48.8 15.8 23.6#

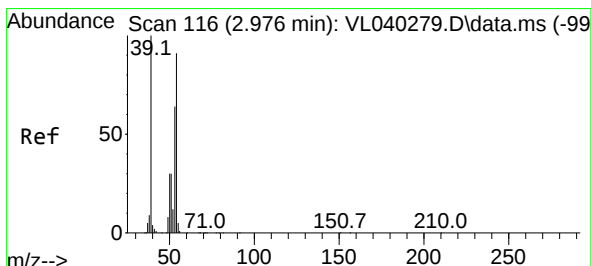
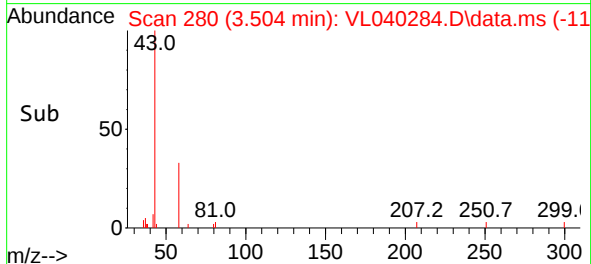
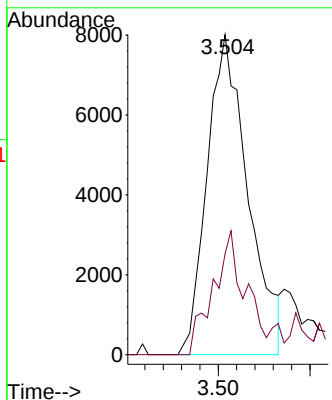
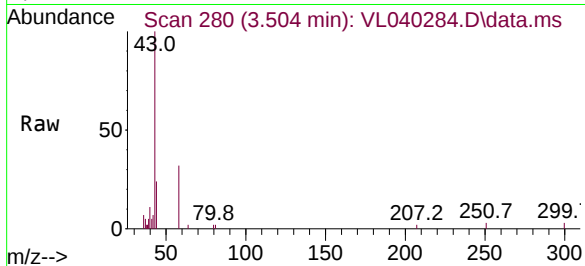




#15
Acetone
Concen: 0.093 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

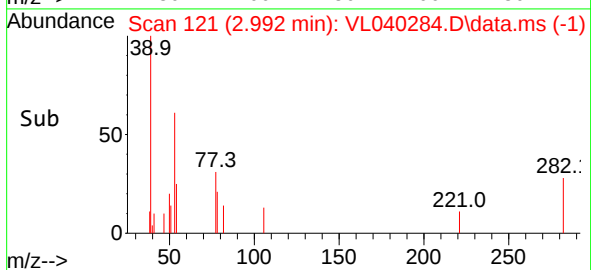
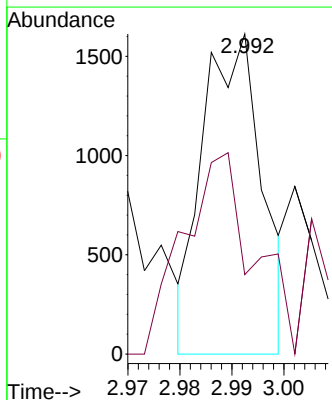
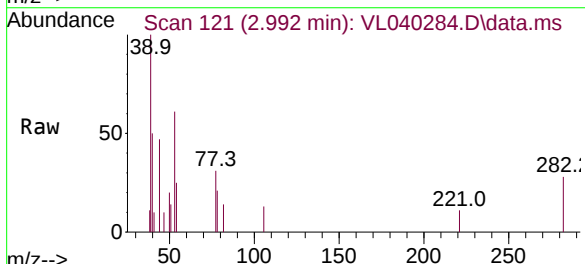
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

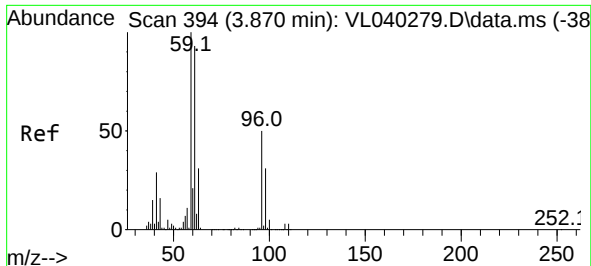
Tgt Ion: 43 Resp: 12370
Ion Ratio Lower Upper
43 100
58 41.6 21.8 32.8#



#16
1,3-Butadiene
Concen: 0.021 ppbv
RT: 2.992 min Scan# 121
Delta R.T. 0.016 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 39 Resp: 1273
Ion Ratio Lower Upper
39 100
54 93.6 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.014 ppbv

RT: 3.918 min Scan# 409

Delta R.T. 0.048 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

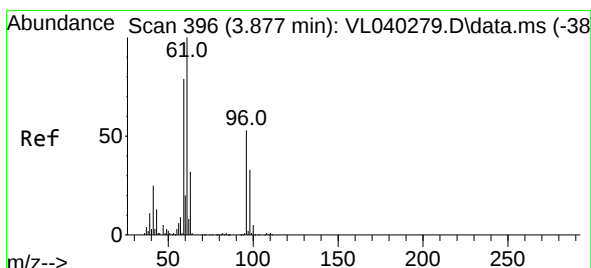
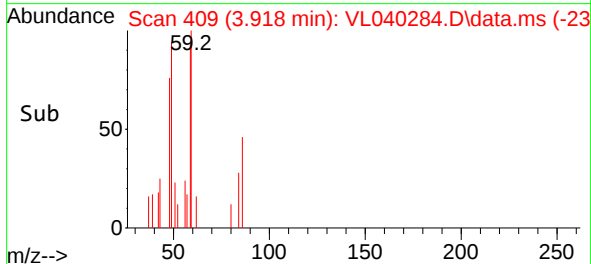
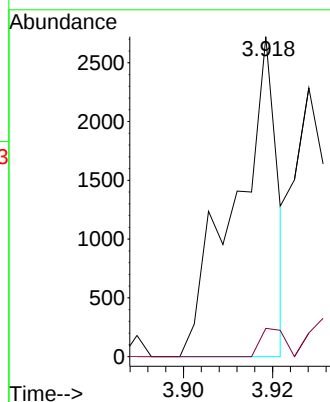
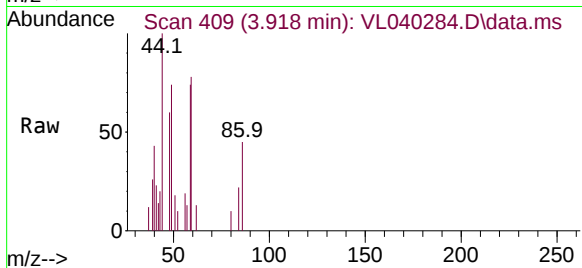
VSTDIC0.03

Tgt Ion: 59 Resp: 1791

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.036 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

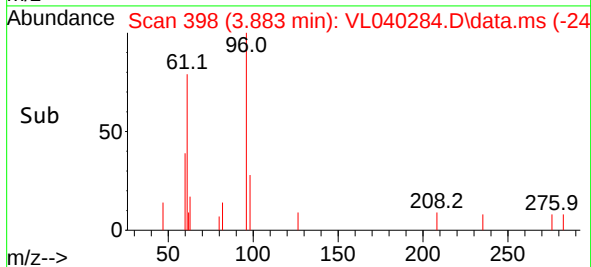
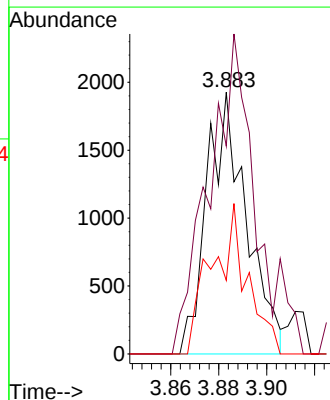
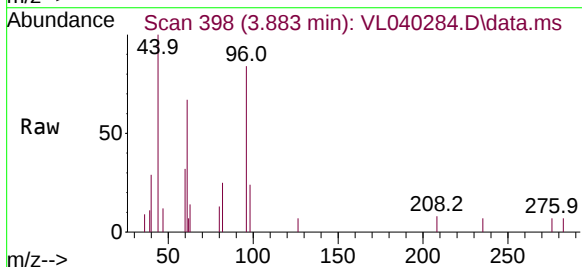
Tgt Ion: 96 Resp: 2212

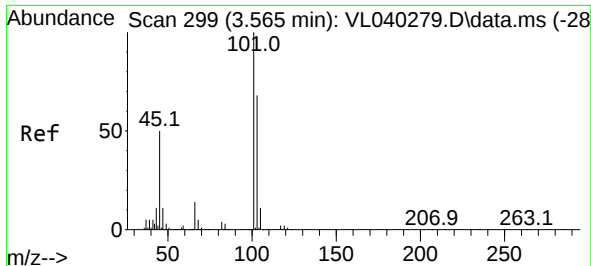
Ion Ratio Lower Upper

96 100

61 64.0 150.6 226.0#

98 28.1 50.3 75.5#





#19

Isopropyl Alcohol

Concen: 0.000 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.022 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

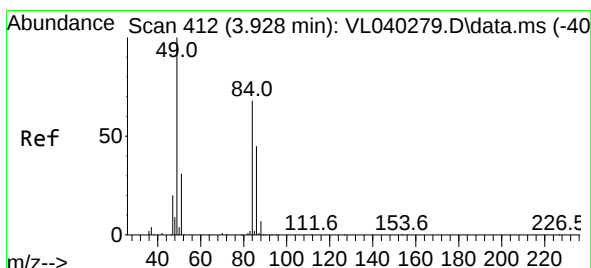
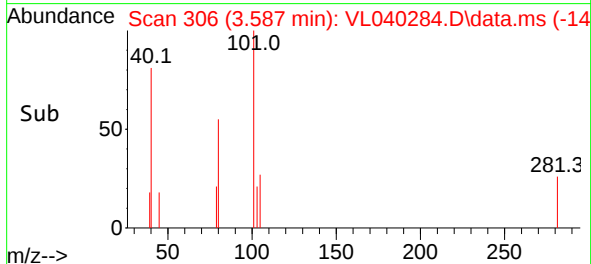
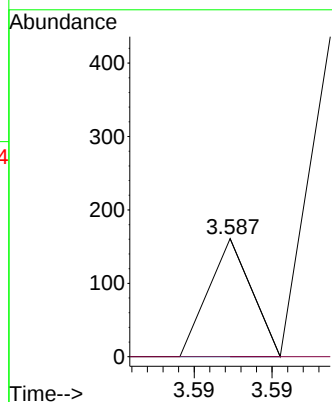
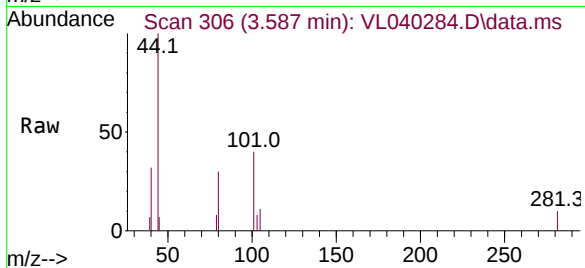
VSTDIC0.03

Tgt Ion: 45 Resp: 31

Ion Ratio Lower Upper

45 100

58 0.0 2.7 4.1#



#20

Methylene Chloride

Concen: 0.171 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Tgt Ion: 84 Resp: 9517

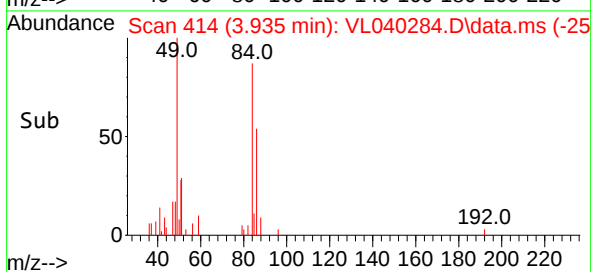
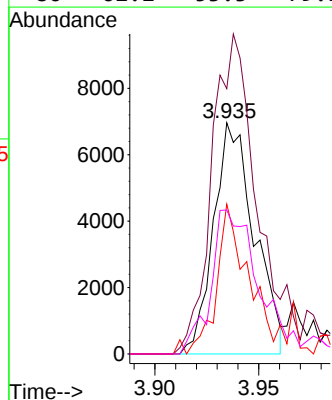
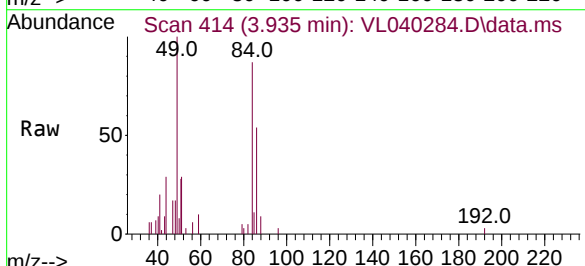
Ion Ratio Lower Upper

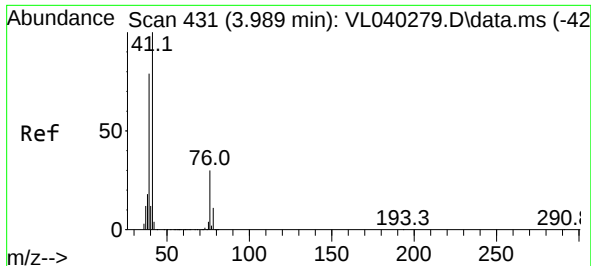
84 100

49 112.0 117.5 176.3#

51 58.6 36.9 55.3#

86 62.2 53.3 79.9





#21

Allyl Chloride

Concen: 0.014 ppbv

RT: 4.002 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

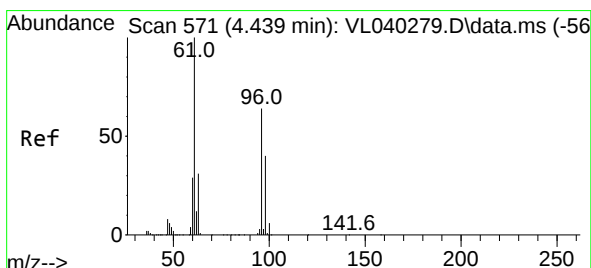
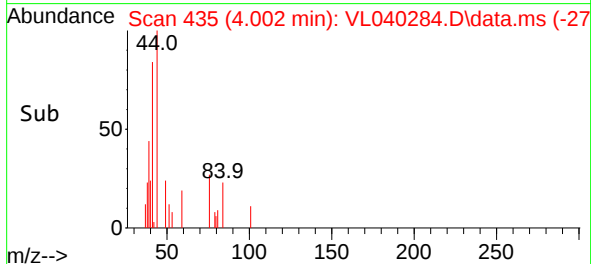
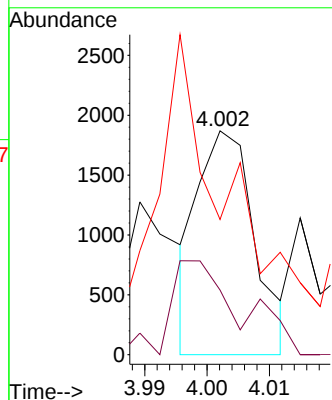
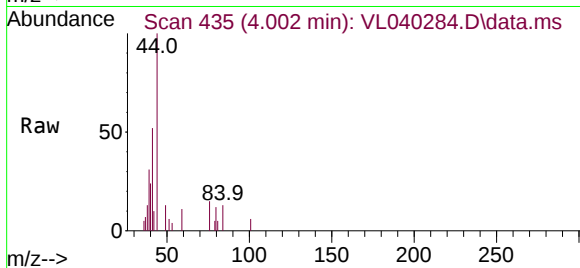
Tgt Ion: 41 Resp: 1184

Ion Ratio Lower Upper

41 100

76 52.9 25.4 38.0#

39 273.0 65.4 98.2#



#22

trans-1,2-Dichloroethene

Concen: 0.019 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

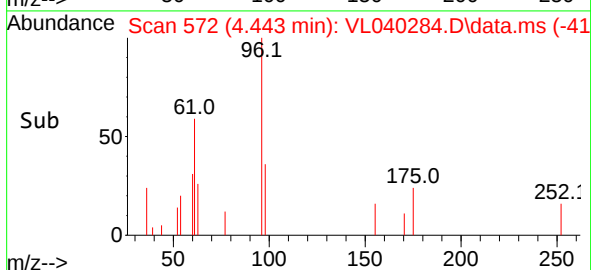
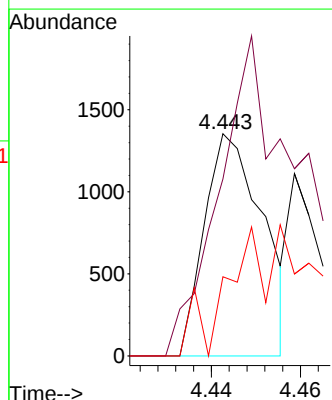
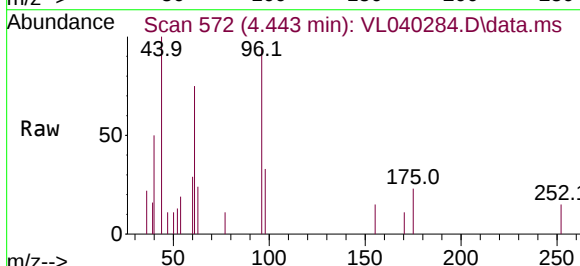
Tgt Ion: 96 Resp: 1226

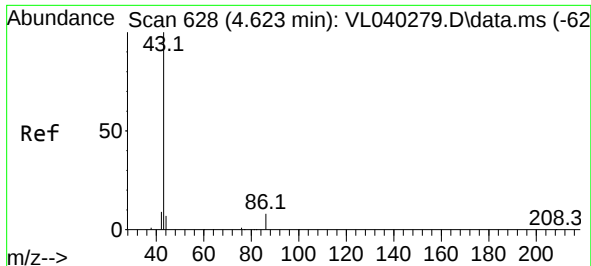
Ion Ratio Lower Upper

96 100

61 58.5 125.4 188.2#

98 35.6 49.8 74.6#

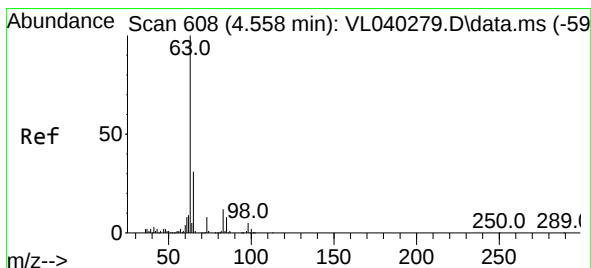
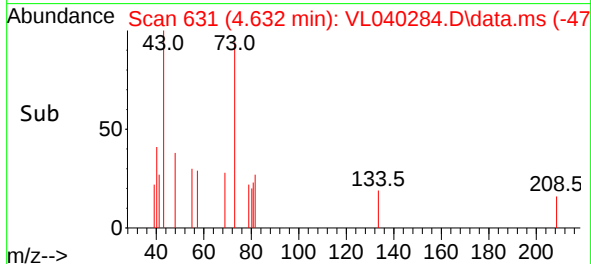
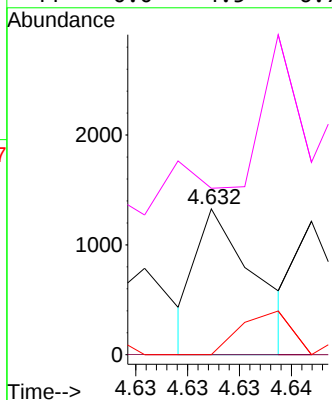
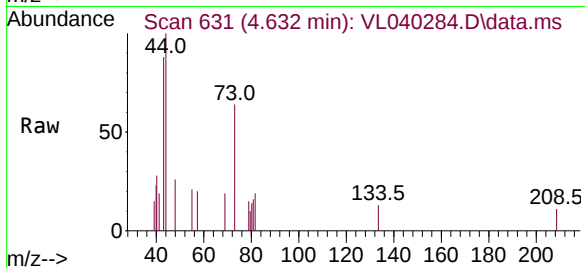




#23
 Vinyl Acetate
 Concen: 0.014 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. 0.010 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

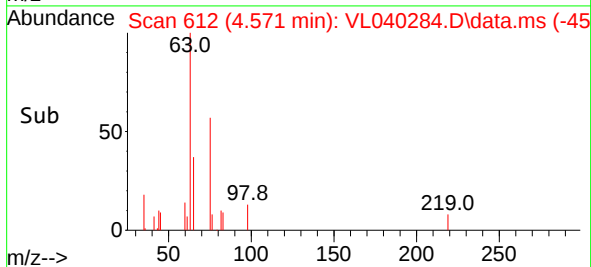
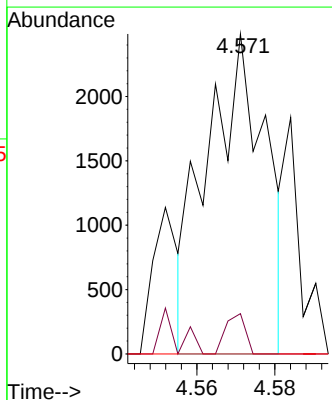
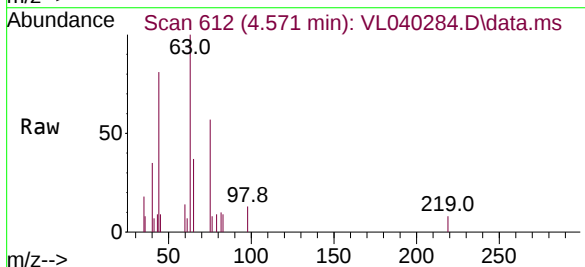
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

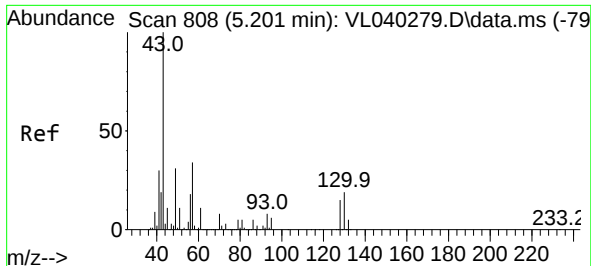
Tgt Ion:	43	Resp:	522
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	0.0	9.1	13.7#
44	0.0	4.5	6.7#



#24
 1,1-Dichloroethane
 Concen: 0.020 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.013 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

Tgt Ion:	63	Resp:	2590
Ion	Ratio	Lower	Upper
63	100		
98	18.3	2.4	7.2#
100	0.0	1.2	3.6#

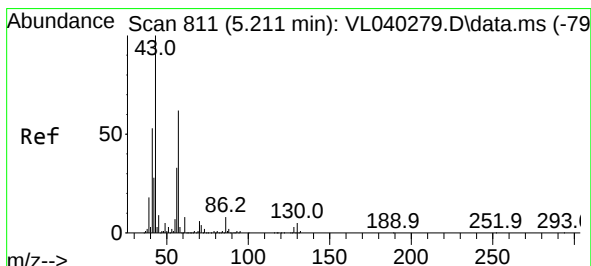
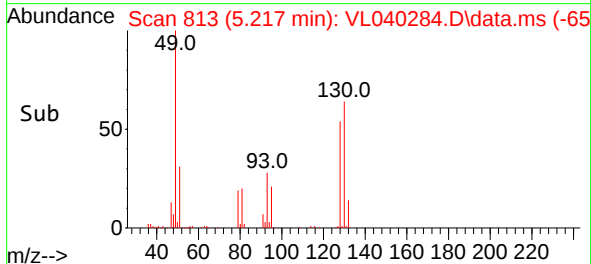
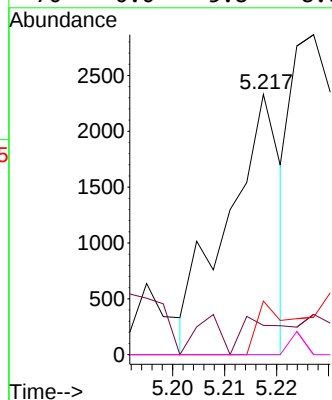
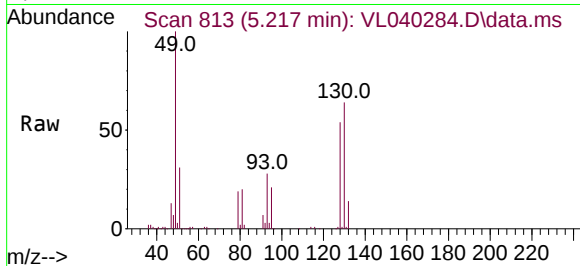




#25
Ethyl Acetate
Concen: 0.007 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.016 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

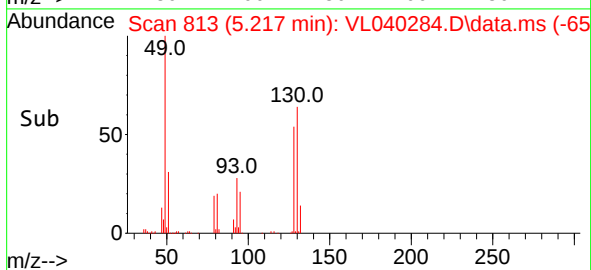
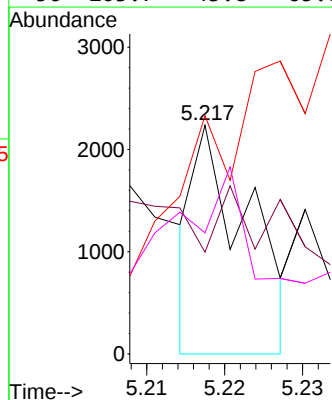
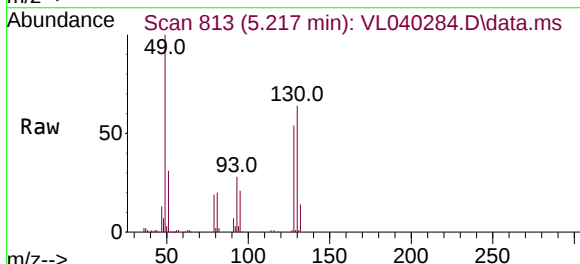
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

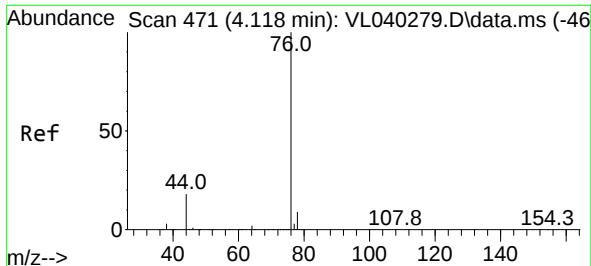
Tgt Ion:	43	Resp:	1668
Ion Ratio	Lower	Upper	
43	100		
45	0.0	8.6	12.8#
61	0.0	8.4	12.6#
70	0.0	5.8	8.6#



#26
Hexane
Concen: 0.011 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion:	57	Resp:	1087
Ion Ratio	Lower	Upper	
57	100		
41	266.8	73.5	110.3#
43	0.0	196.3	294.5#
56	203.7	43.8	65.8#

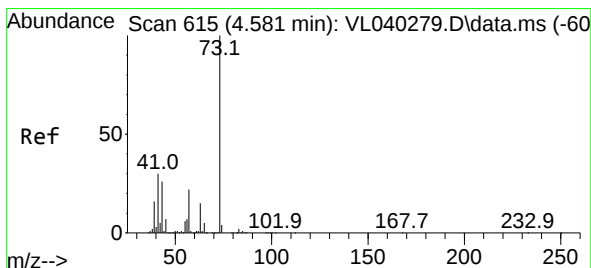
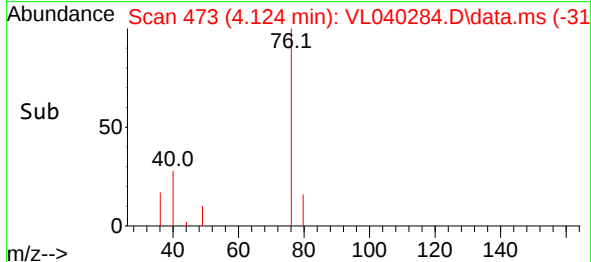
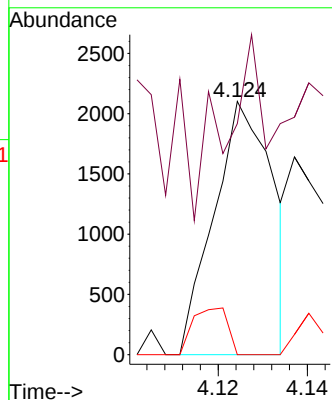
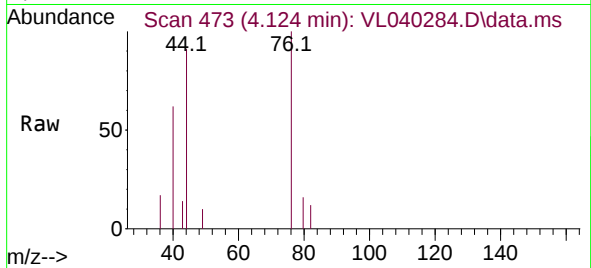




#27
Carbon Disulfide
Concen: 0.013 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

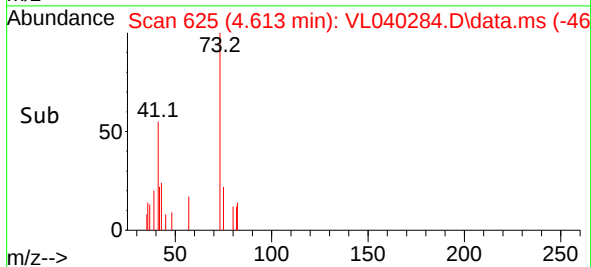
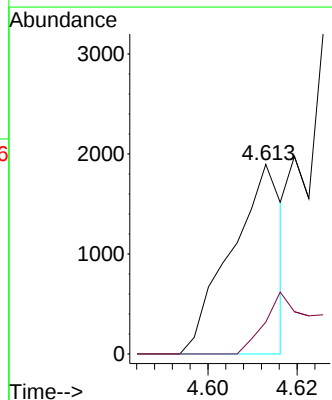
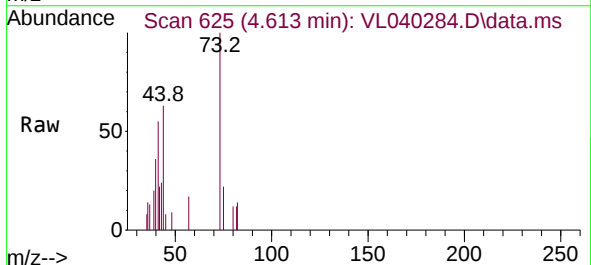
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

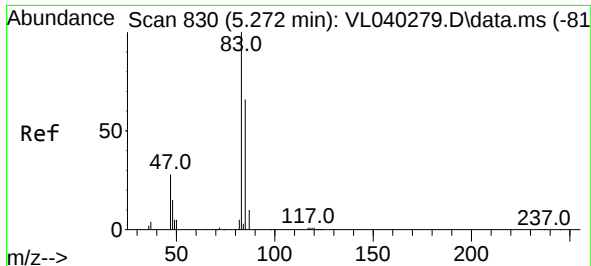
Tgt Ion: 76 Resp: 1917
Ion Ratio Lower Upper
76 100
44 0.0 15.2 22.8#
78 17.8 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.013 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.032 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 73 Resp: 1490
Ion Ratio Lower Upper
73 100
57 0.0 18.4 27.6#





#29

Chloroform

Concen: 0.028 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

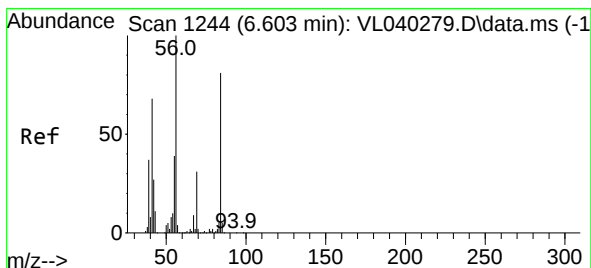
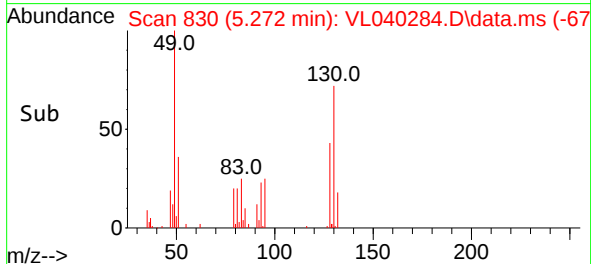
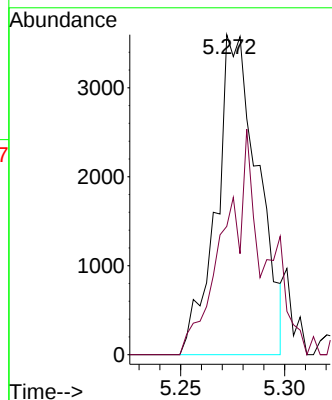
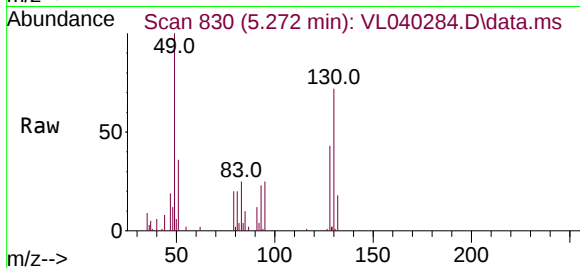
VSTDICC0.03

Tgt Ion: 83 Resp: 5023

Ion Ratio Lower Upper

83 100

85 40.1 52.8 79.2#



#30

Cyclohexane

Concen: 0.008 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

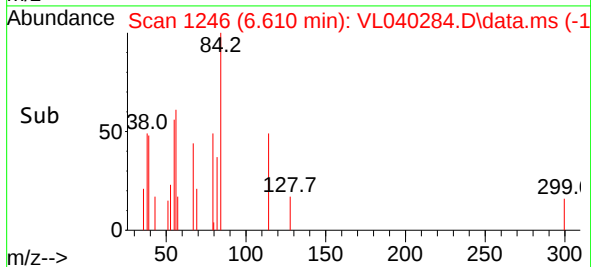
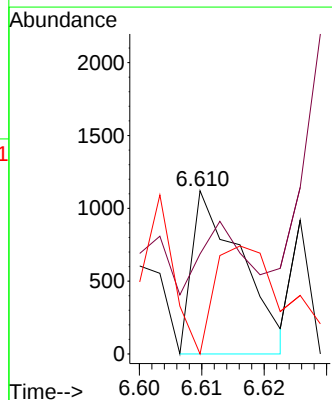
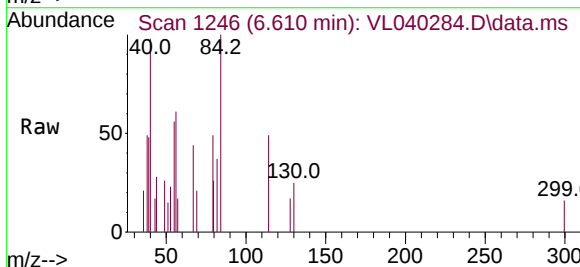
Tgt Ion: 84 Resp: 621

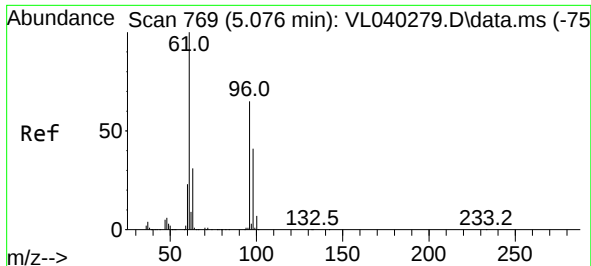
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

41 258.3 67.9 101.9#

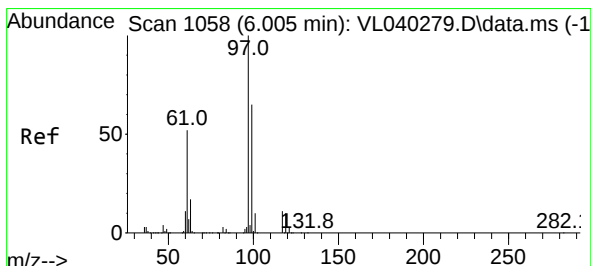
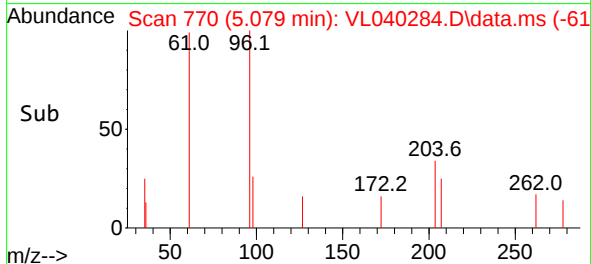
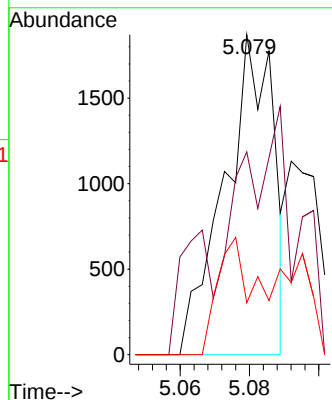
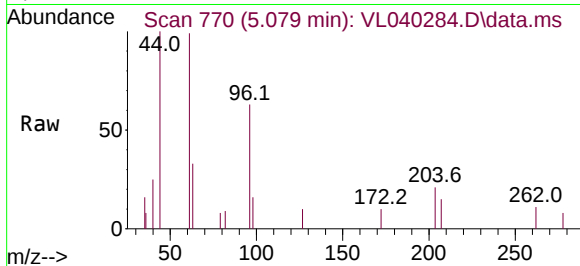




#31
 cis-1,2-Dichloroethene
 Concen: 0.019 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

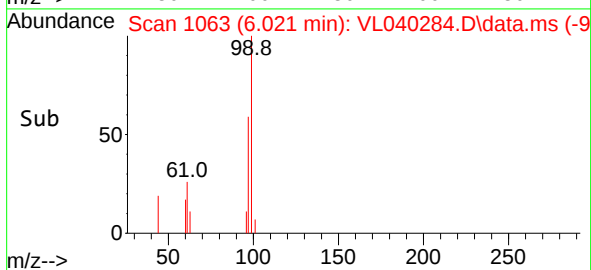
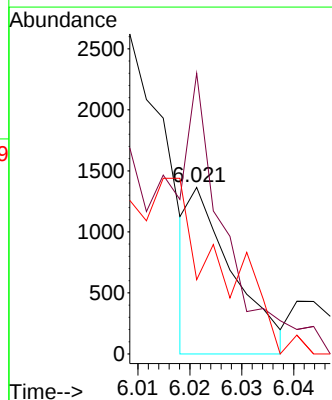
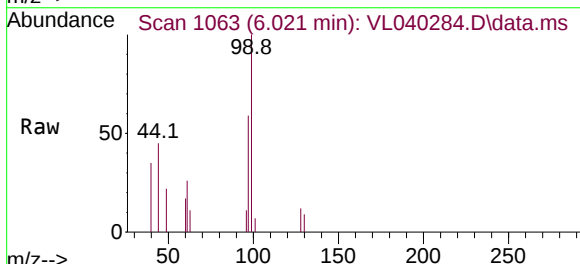
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

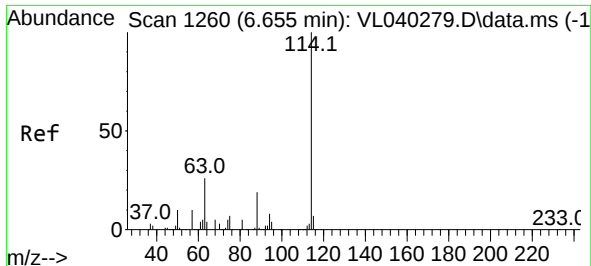
Tgt Ion: 61 Resp: 1842
 Ion Ratio Lower Upper
 61 100
 96 32.9 51.8 77.8#
 98 16.2 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.005 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.016 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

Tgt Ion: 97 Resp: 795
 Ion Ratio Lower Upper
 97 100
 99 435.5 52.2 78.2#
 61 0.0 41.4 62.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

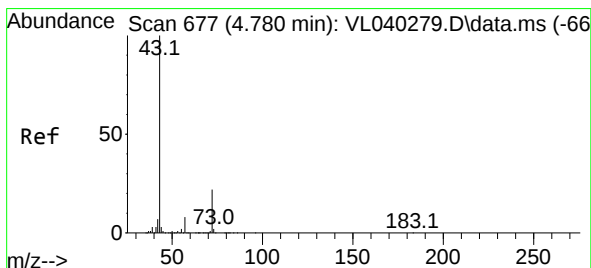
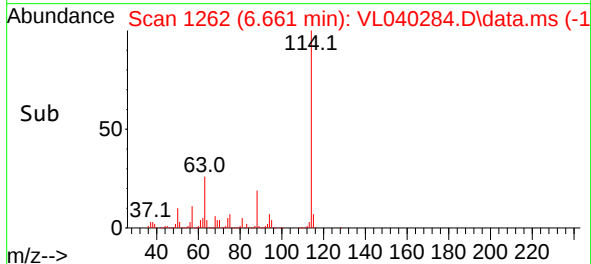
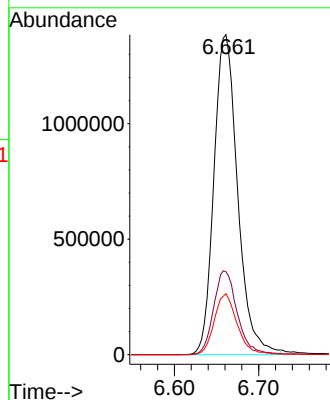
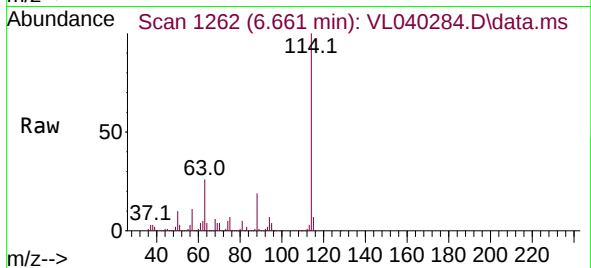
Tgt Ion:114 Resp: 2704592

Ion Ratio Lower Upper

114 100

63 26.5 21.2 31.8

88 18.5 14.5 21.7



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040284.D

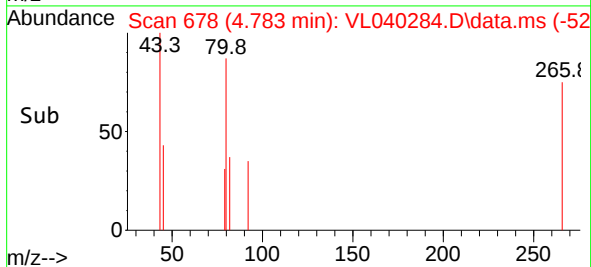
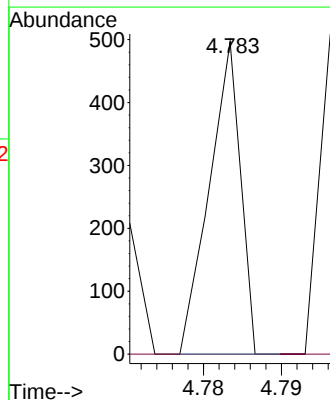
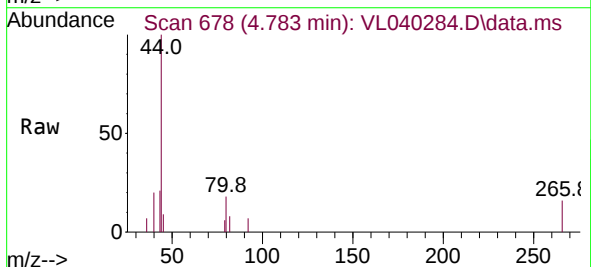
Acq: 15 Mar 2023 14:44

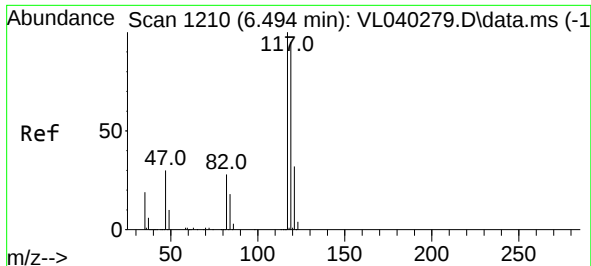
Tgt Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

72 0.0 18.3 27.5#

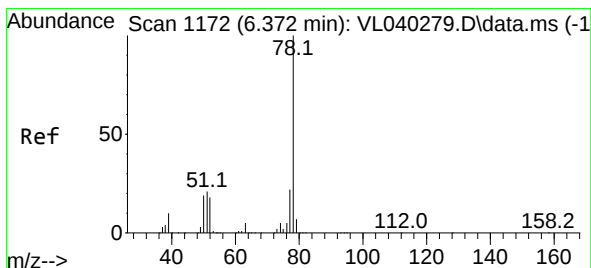
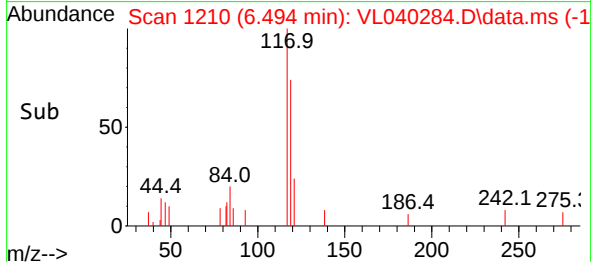
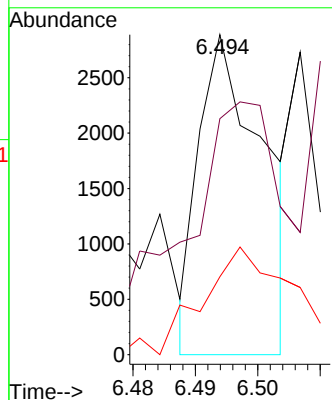
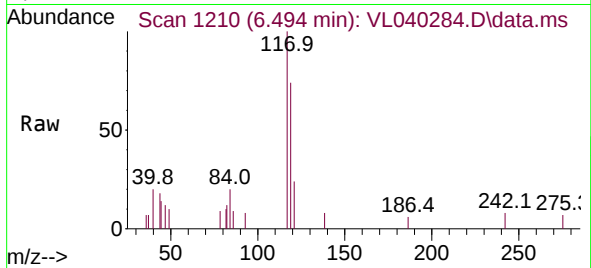




#35
Carbon Tetrachloride
Concen: 0.012 ppbv
RT: 6.494 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

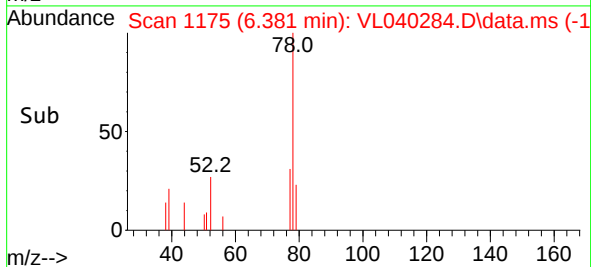
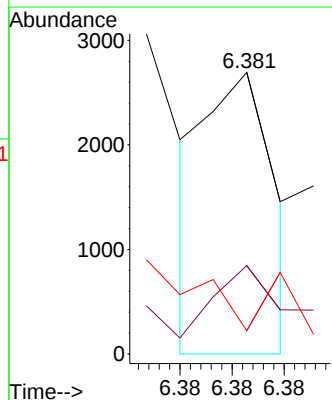
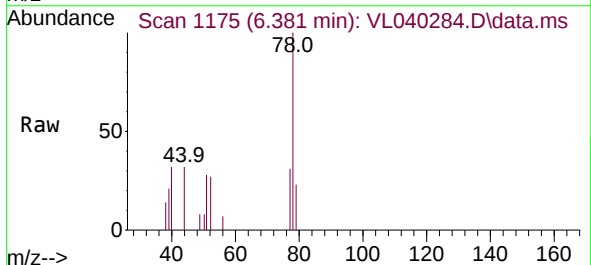
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

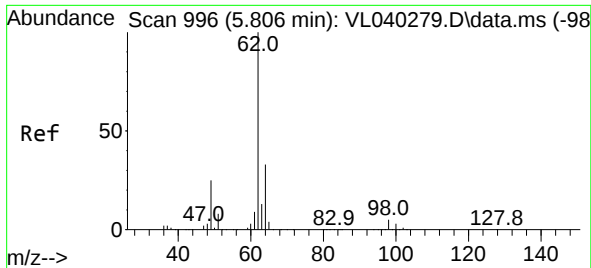
Tgt Ion:117 Resp: 2065
Ion Ratio Lower Upper
117 100
119 46.7 76.4 114.6#
121 10.7 25.6 38.4#



#36
Benzene
Concen: 0.006 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 78 Resp: 1246
Ion Ratio Lower Upper
78 100
77 55.8 17.8 26.8#
50 0.0 15.4 23.2#

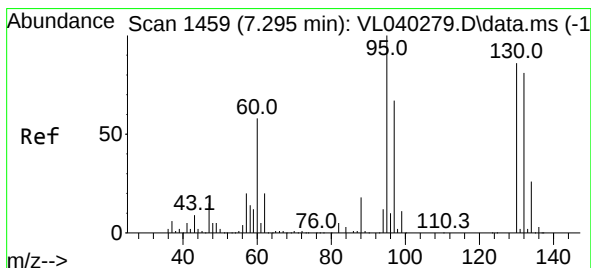
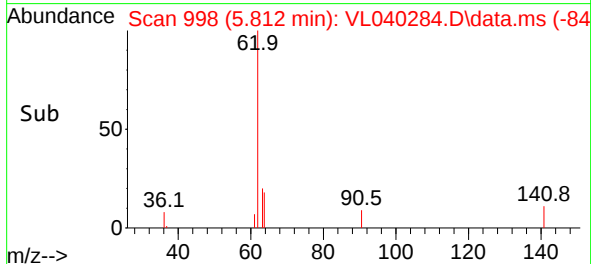
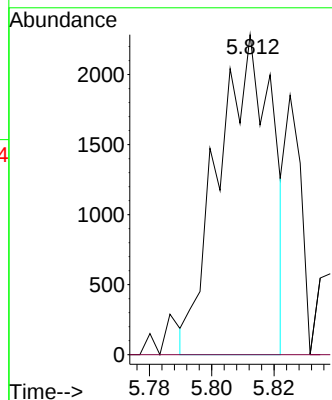
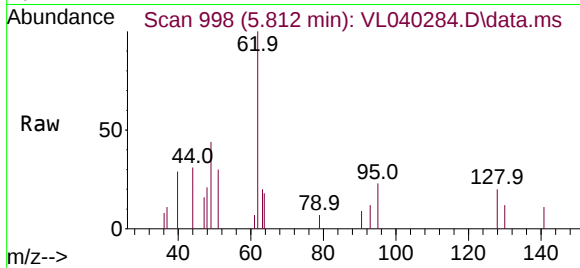




#37
1,2-Dichloroethane
Concen: 0.021 ppbv
RT: 5.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

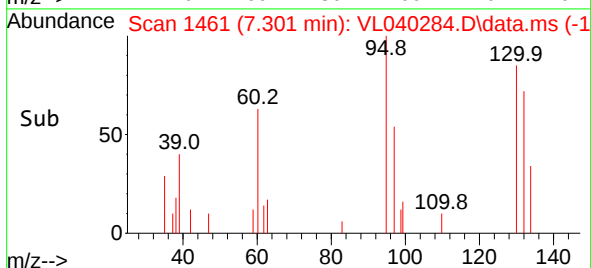
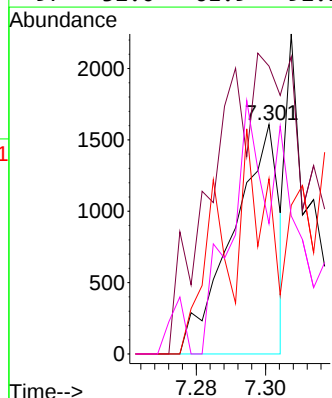
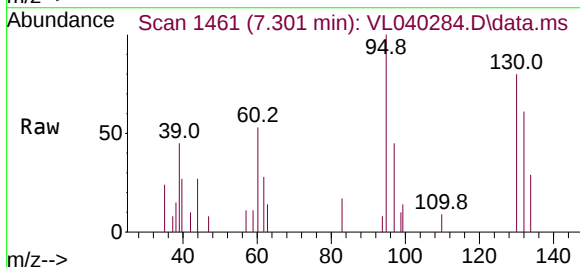
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

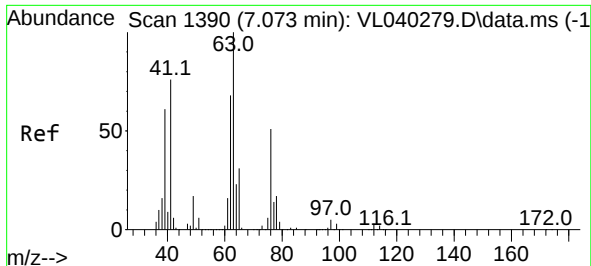
Tgt Ion: 62 Resp: 2759
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.013 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion:130 Resp: 1490
Ion Ratio Lower Upper
130 100
95 72.1 93.0 139.4#
132 76.4 75.3 112.9
97 32.0 61.9 92.9#





#39

1,2-Dichloropropane

Concen: 8.768 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

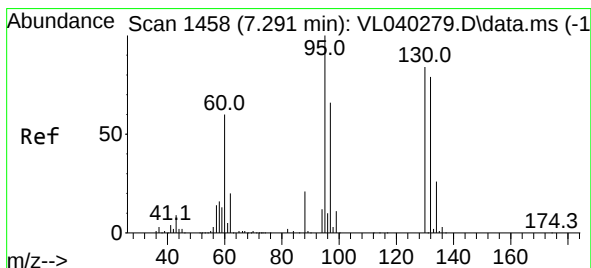
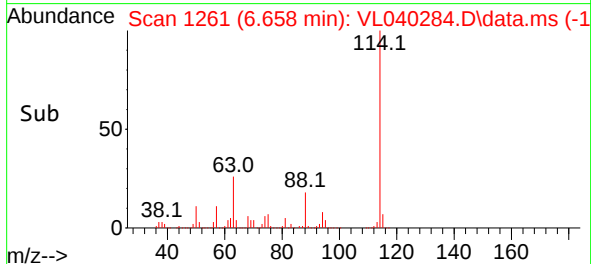
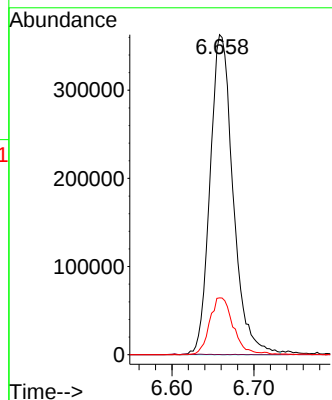
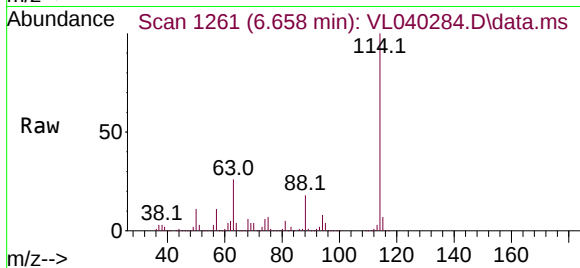
Tgt Ion: 63 Resp: 709051

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

62 17.8 54.1 81.1#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.356 min Scan# 1478

Delta R.T. 0.064 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Tgt Ion: 88 Resp: 101

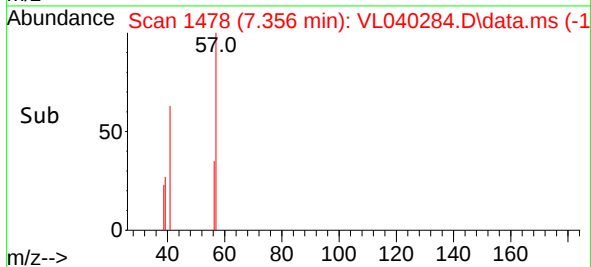
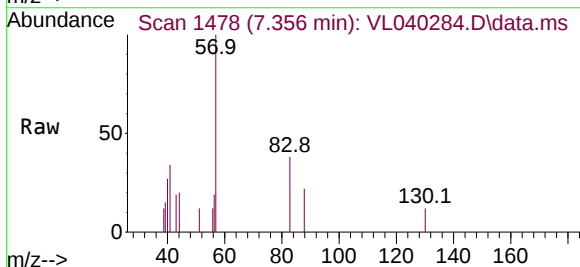
Ion Ratio Lower Upper

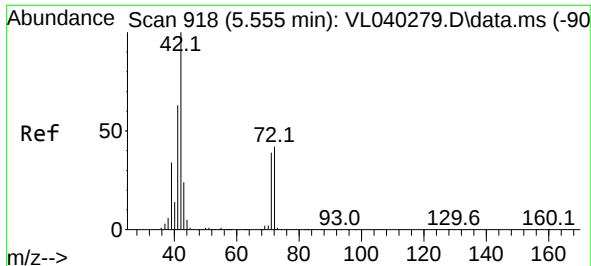
88 100

58 142.6 96.0 144.0

43 1657.4 187.6 281.4#

57 7230.7 821.5 1232.3#

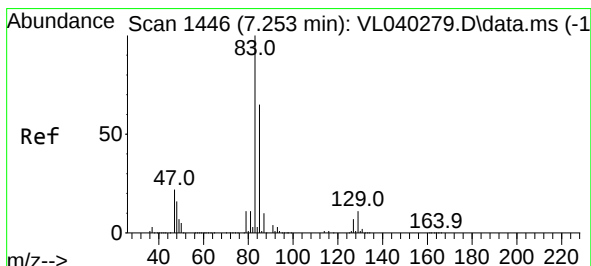
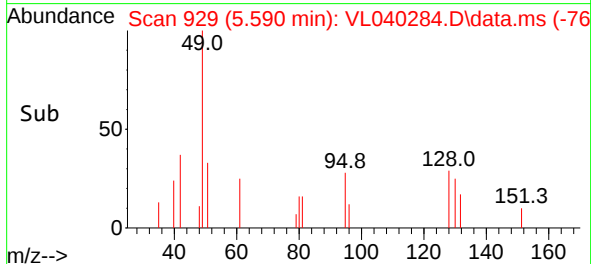
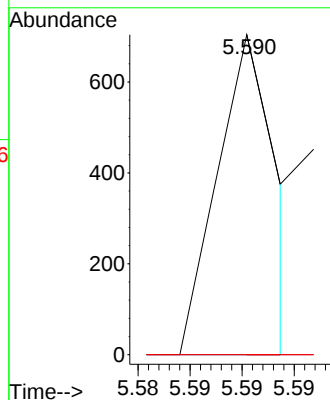
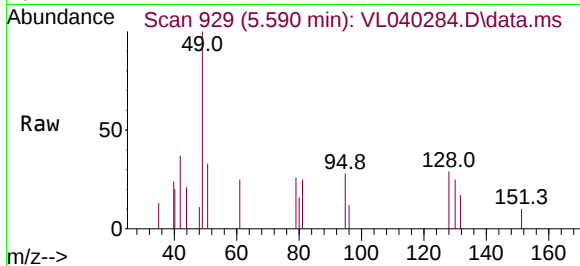




#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 5.590 min Scan# 918
Delta R.T. 0.035 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

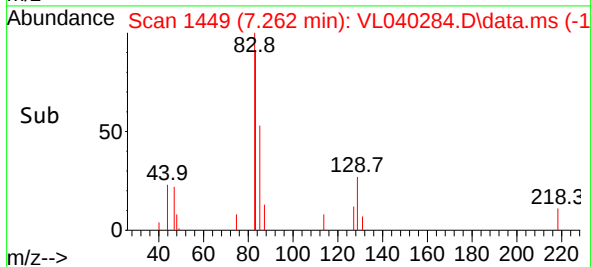
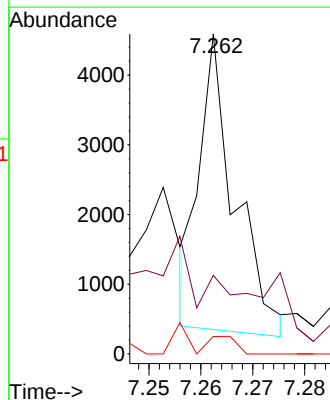
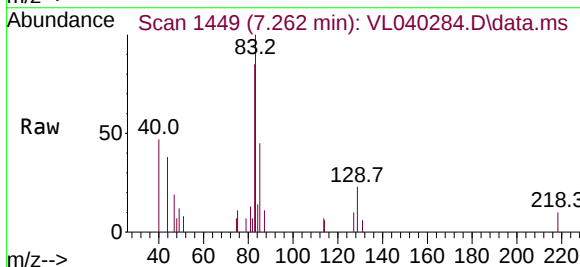
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

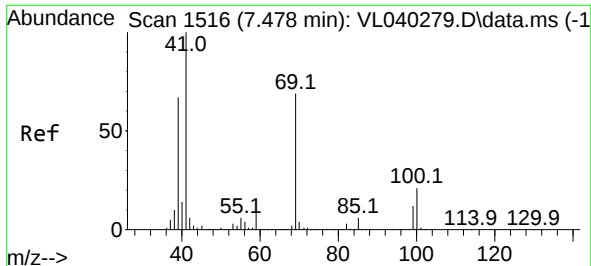
Tgt Ion: 42 Resp: 277
Ion Ratio Lower Upper
42 100
72 0.0 32.6 49.0#
71 0.0 31.0 46.4#



#42
Bromodichloromethane
Concen: 0.011 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 83 Resp: 2003
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#
127 6.2 5.8 8.6

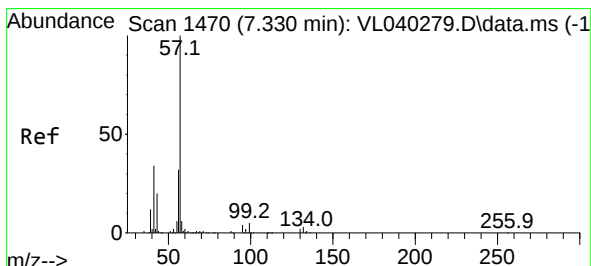
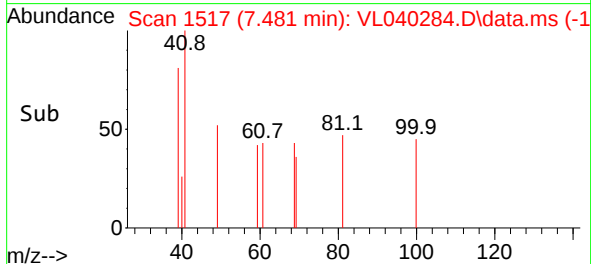
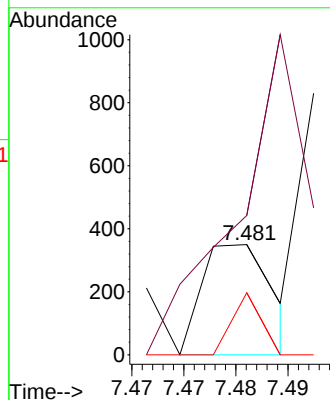
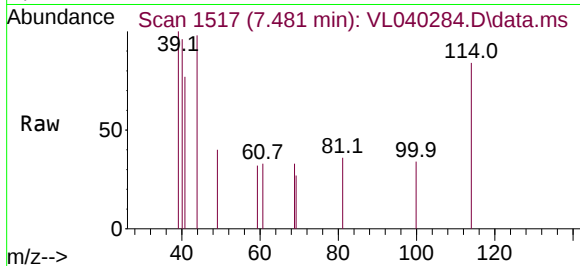




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 7.481 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

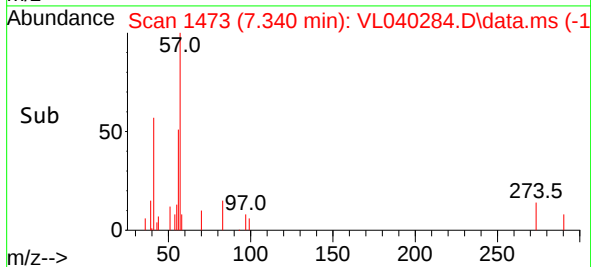
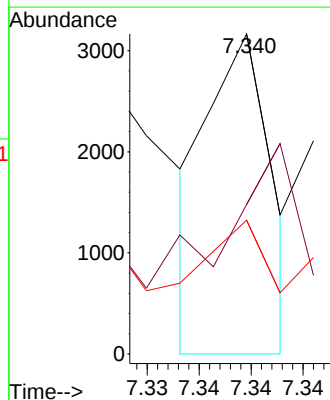
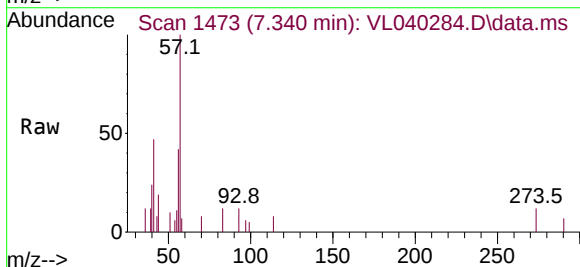
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

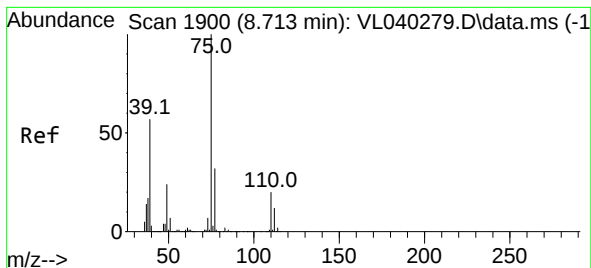
Tgt Ion: 69 Resp: 165
Ion Ratio Lower Upper
69 100
41 0.0 116.9 175.3#
100 0.0 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.004 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 57 Resp: 1354
Ion Ratio Lower Upper
57 100
41 0.0 26.8 40.2#
56 181.9 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.005 ppbv

RT: 8.719 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

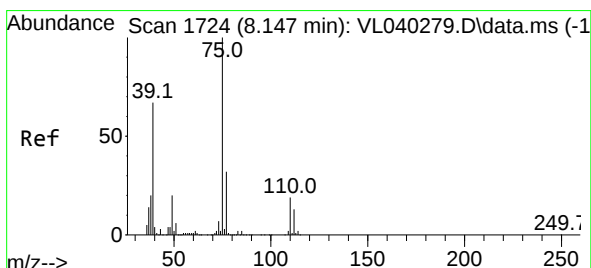
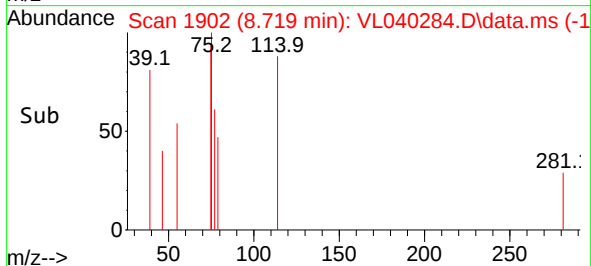
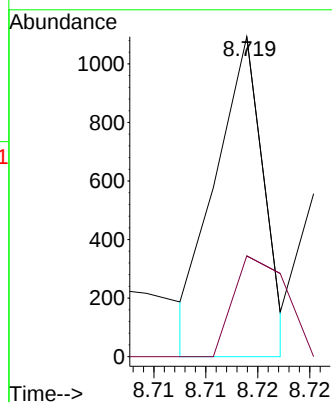
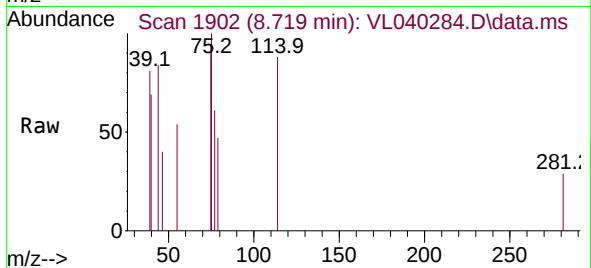
VSTDICC0.03

Tgt Ion: 75 Resp: 351

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 0.005 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. 0.013 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

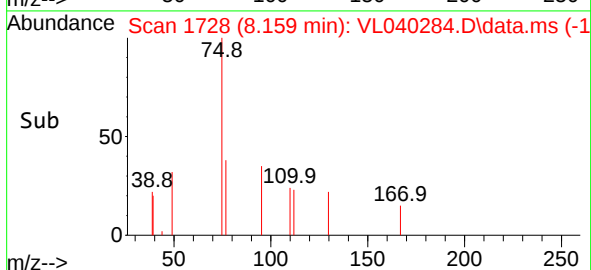
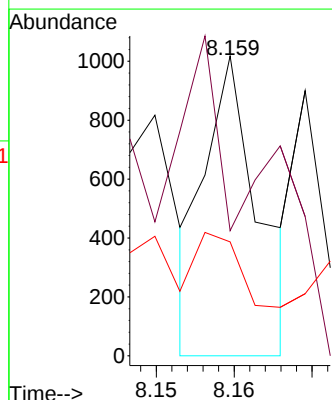
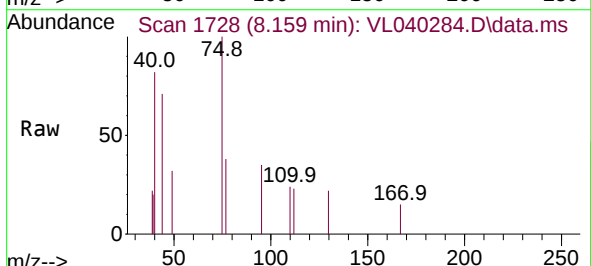
Tgt Ion: 75 Resp: 487

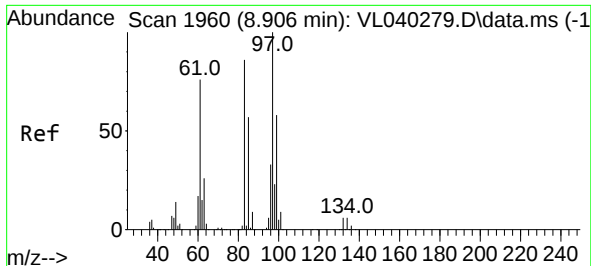
Ion Ratio Lower Upper

75 100

39 0.0 53.9 80.9#

77 38.1 25.3 37.9#





#47

1,1,2-Trichloroethane

Concen: 0.015 ppbv

RT: 8.912 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion: 97 Resp: 1262

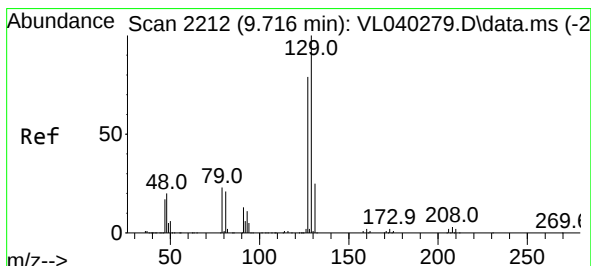
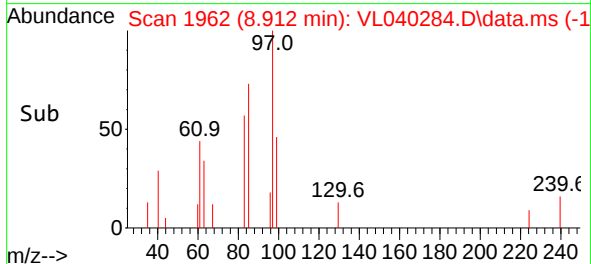
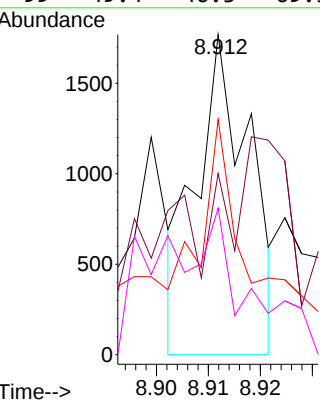
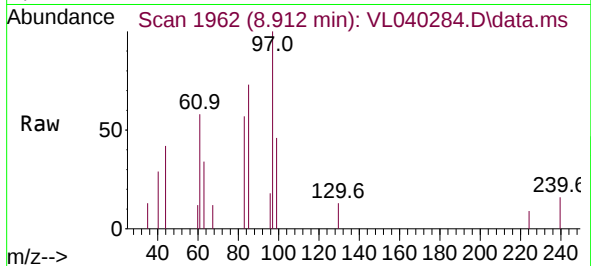
Ion Ratio Lower Upper

97 100

83 17.3 68.6 103.0#

85 80.0 46.0 69.0#

99 49.4 46.3 69.5



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 9.333 min Scan# 2093

Delta R.T. -0.383 min

Lab File: VL040284.D

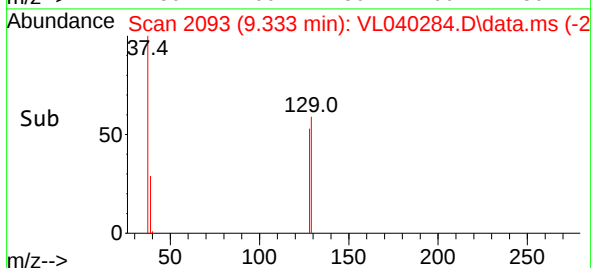
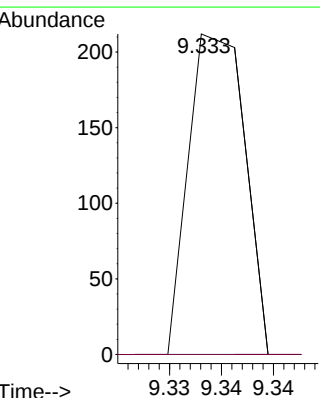
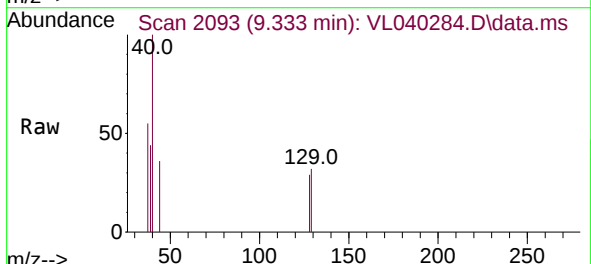
Acq: 15 Mar 2023 14:44

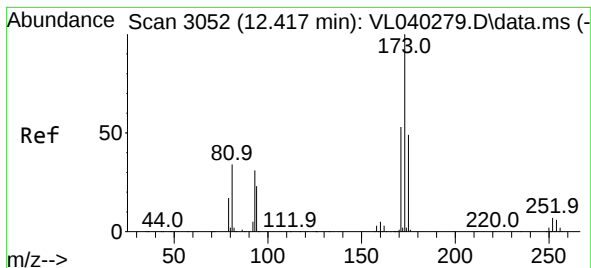
Tgt Ion: 129 Resp: 80

Ion Ratio Lower Upper

129 100

127 62.5 39.1 117.5





#49

Bromoform

Concen: 0.006 ppbv

RT: 12.423 min Scan# 3054

Delta R.T. 0.006 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

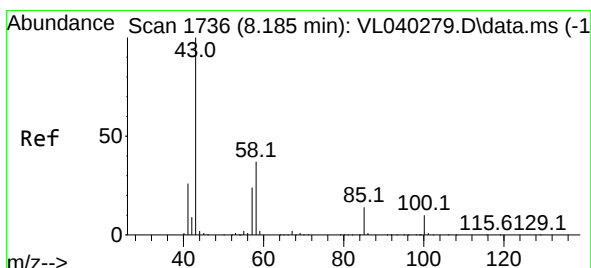
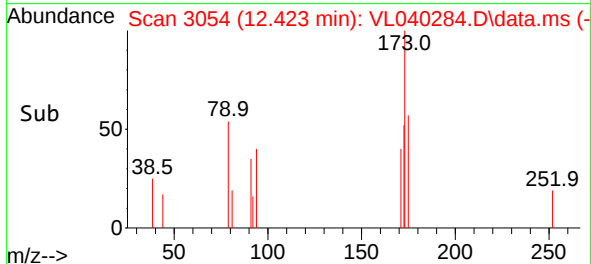
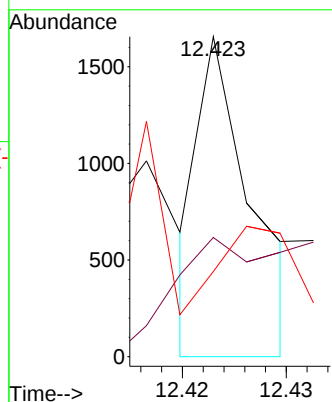
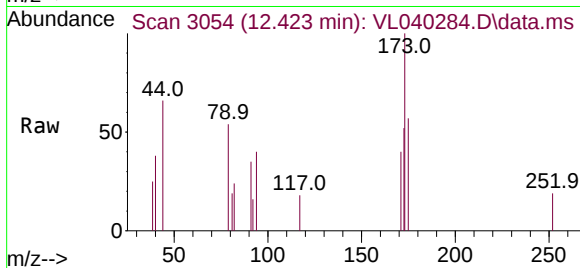
Tgt Ion:173 Resp: 588

Ion Ratio Lower Upper

173 100

175 144.9 39.8 59.8#

171 0.0 42.2 63.4#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.201 min Scan# 1741

Delta R.T. 0.016 min

Lab File: VL040284.D

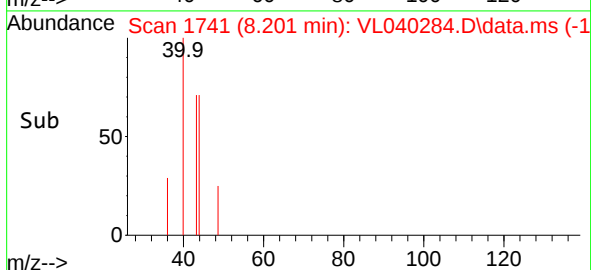
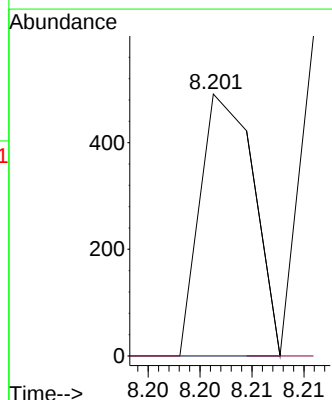
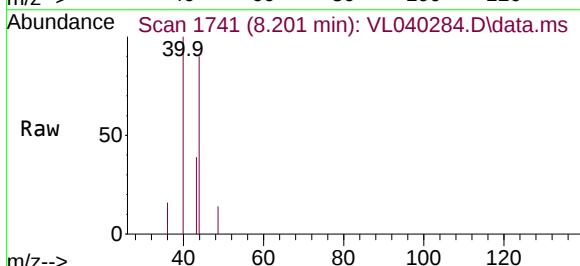
Acq: 15 Mar 2023 14:44

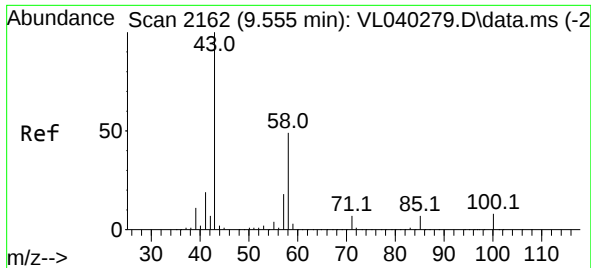
Tgt Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

58 0.0 29.2 43.8#

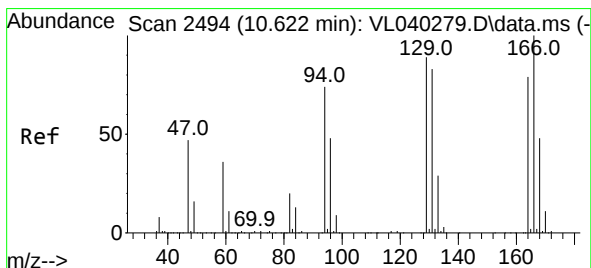
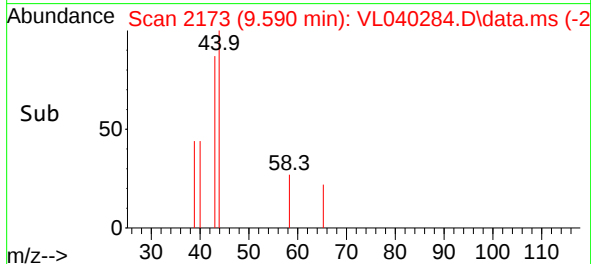
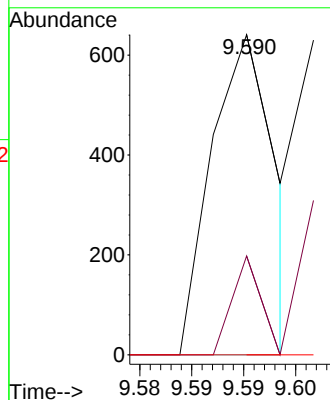
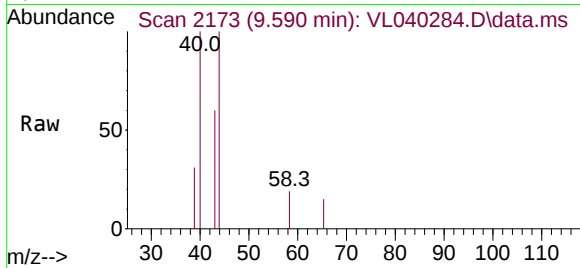




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 9.590 min Scan# 2162
Delta R.T. 0.035 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

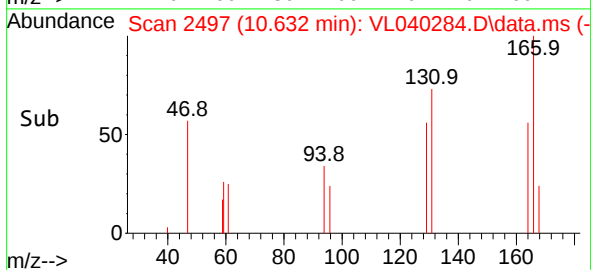
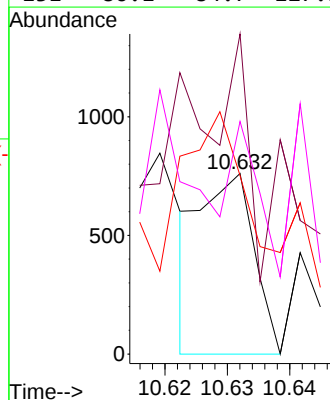
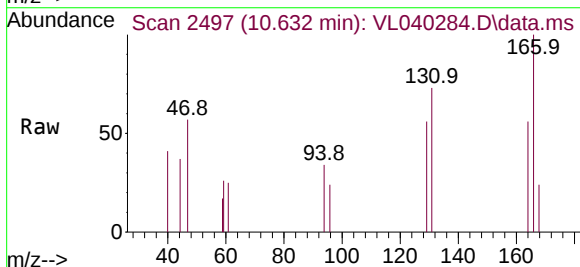
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

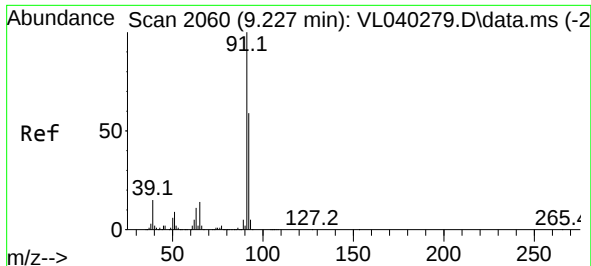
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.007 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 164 Resp: 456
Ion Ratio Lower Upper
164 100
166 58.6 101.8 152.6#
129 42.6 90.2 135.2#
131 86.1 84.7 127.1

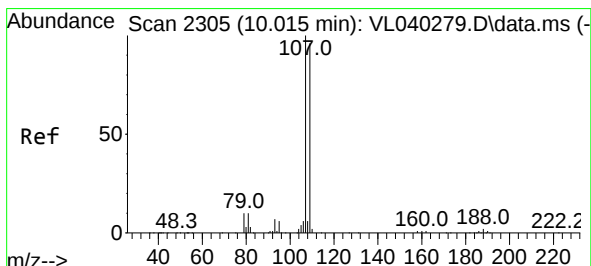
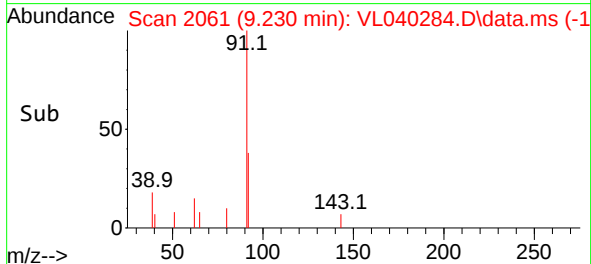
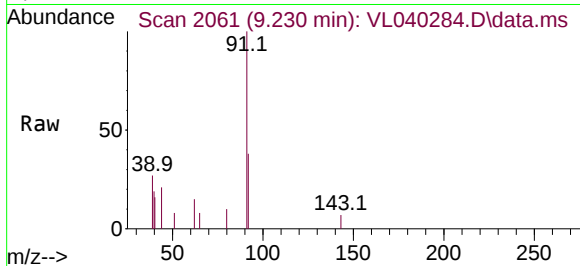




#53
Toluene
Concen: 0.007 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

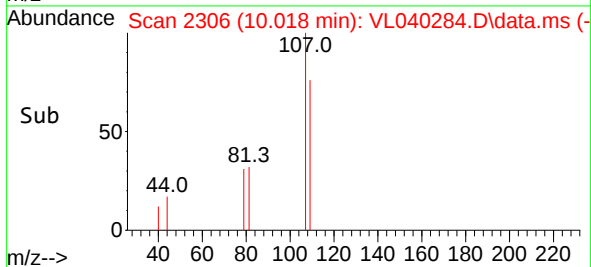
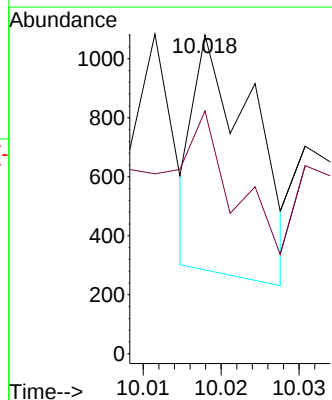
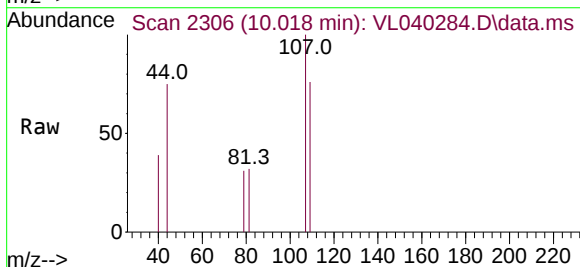
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

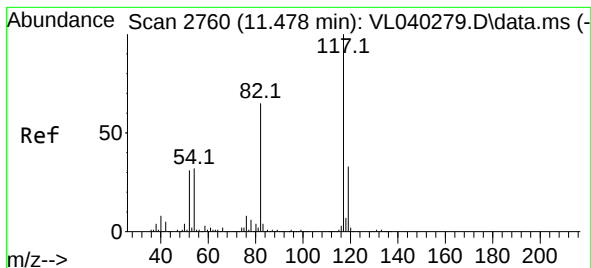
Tgt Ion: 91 Resp: 1529
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0#



#54
1,2-Dibromoethane
Concen: 0.005 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 107 Resp: 417
Ion Ratio Lower Upper
107 100
109 81.4 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

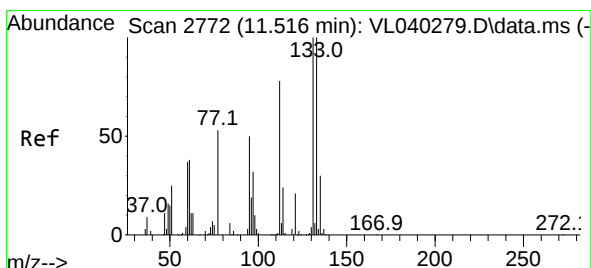
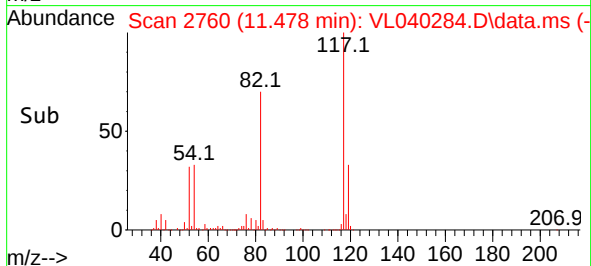
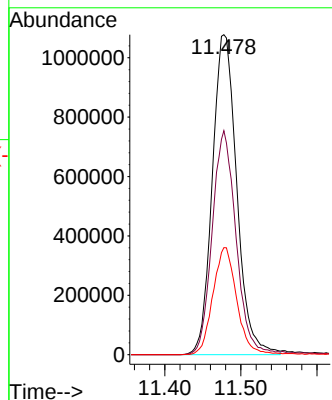
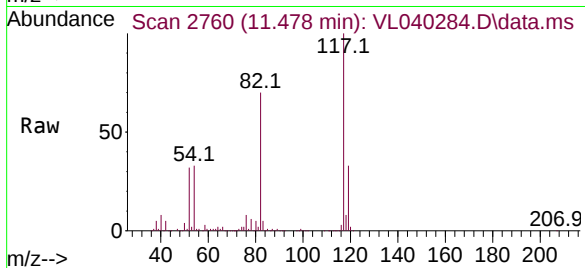
Tgt Ion:117 Resp: 2406225

Ion Ratio Lower Upper

117 100

82 69.7 51.4 77.2

119 32.9 24.0 36.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.008 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. -0.007 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

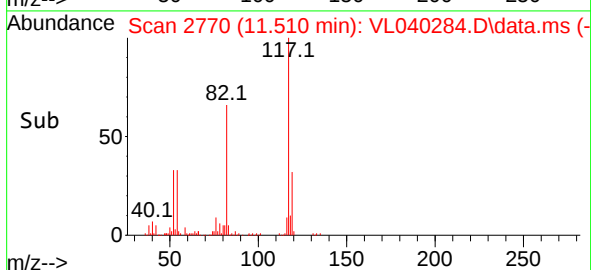
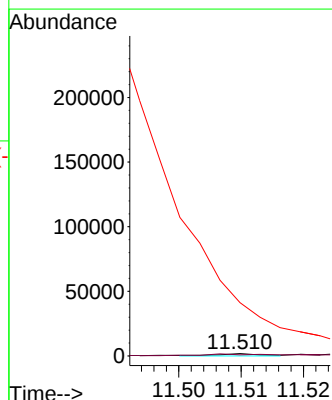
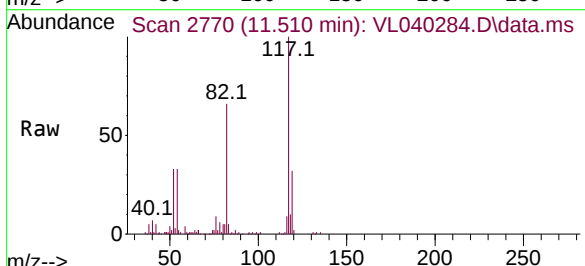
Tgt Ion:131 Resp: 856

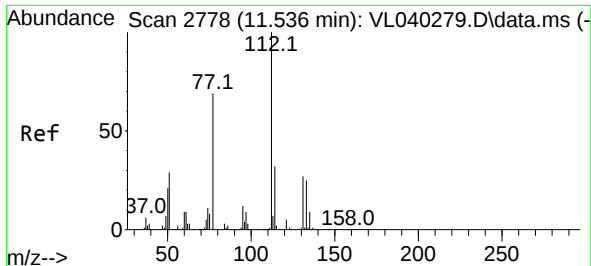
Ion Ratio Lower Upper

131 100

133 325.6 76.5 114.7#

119 0.0 47.9 71.9#

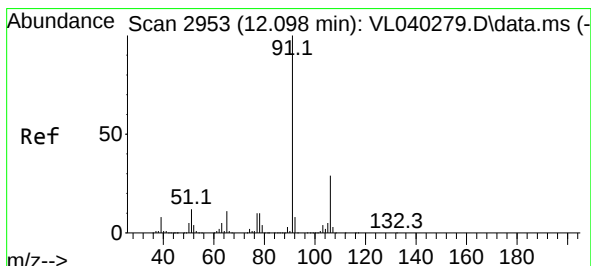
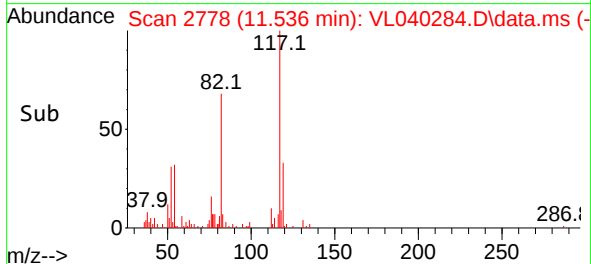
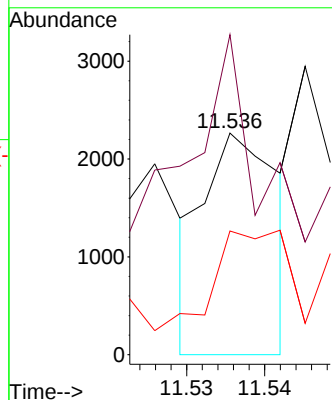
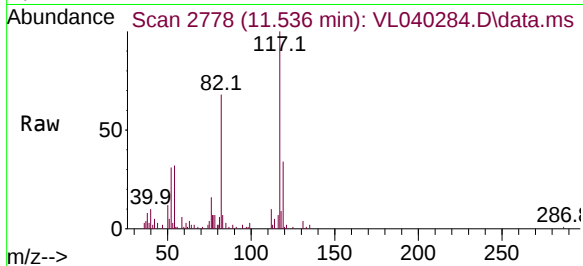




#57
Chlorobenzene
Concen: 0.009 ppbv
RT: 11.536 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

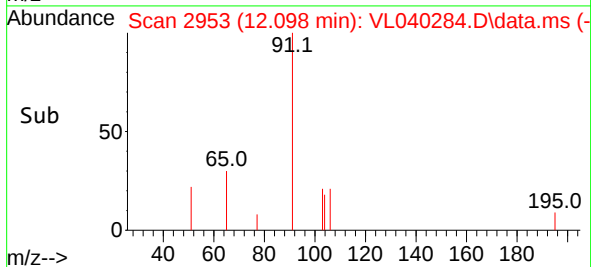
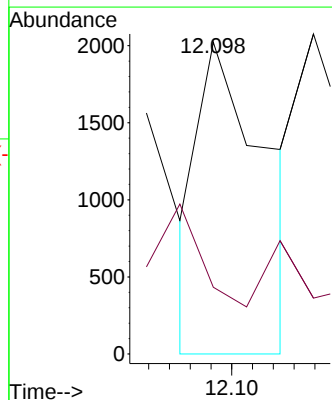
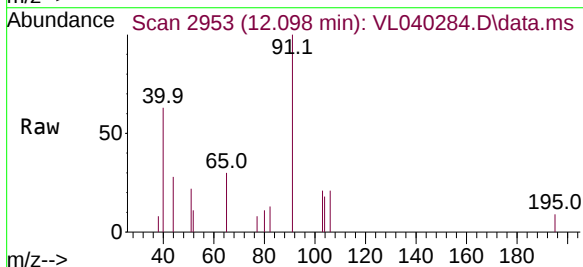
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

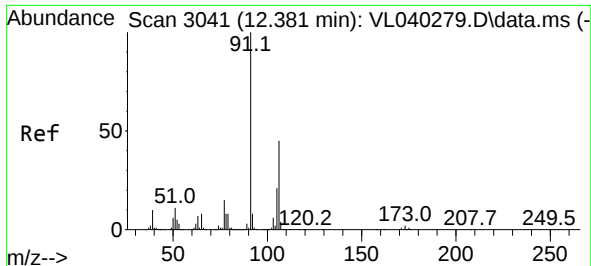
Tgt Ion:112 Resp: 1483
Ion Ratio Lower Upper
112 100
77 93.3 56.2 84.2#
114 58.5 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.003 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 91 Resp: 907
Ion Ratio Lower Upper
91 100
106 0.0 23.4 35.2#





#59

m/p-Xylene

Concen: 0.005 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

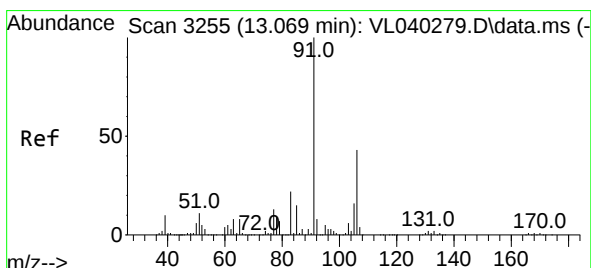
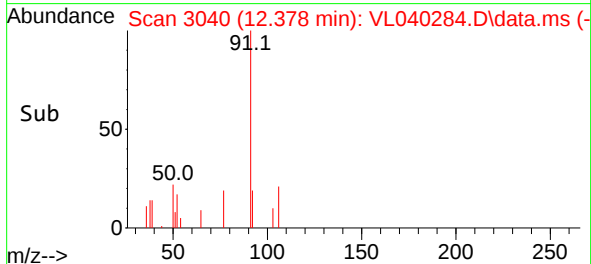
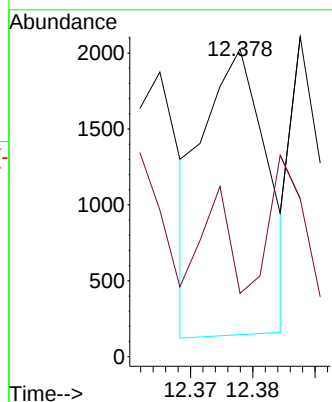
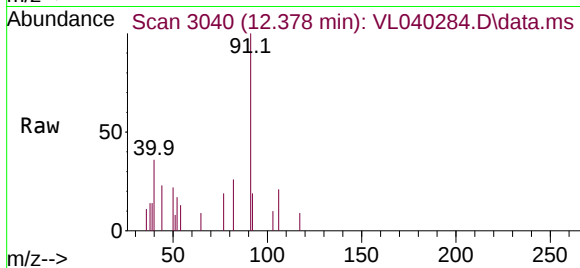
VSTDICC0.03

Tgt Ion: 91 Resp: 1341

Ion Ratio Lower Upper

91 100

106 0.0 34.0 51.0#



#60

o-Xylene

Concen: 0.005 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.003 min

Lab File: VL040284.D

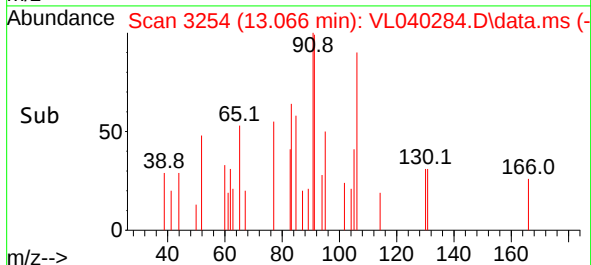
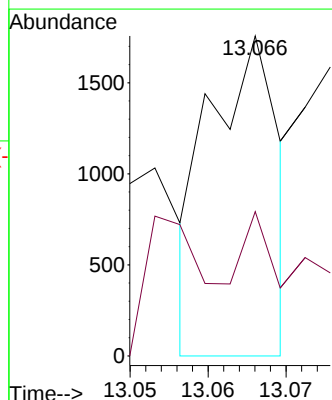
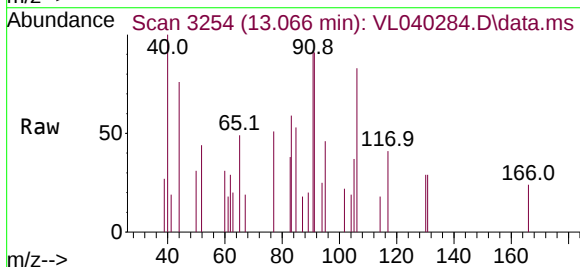
Acq: 15 Mar 2023 14:44

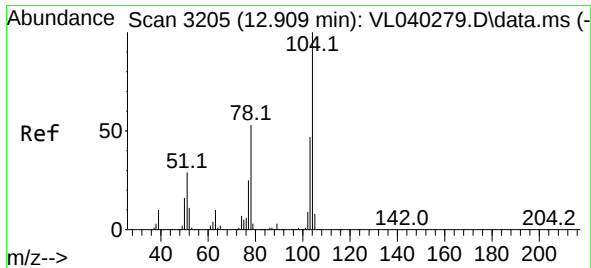
Tgt Ion: 91 Resp: 1083

Ion Ratio Lower Upper

91 100

106 109.0 21.7 65.1#

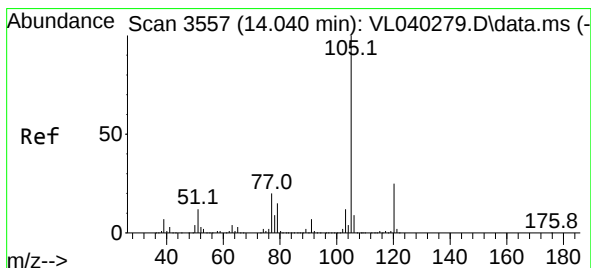
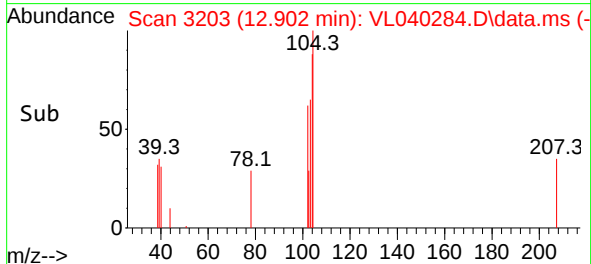
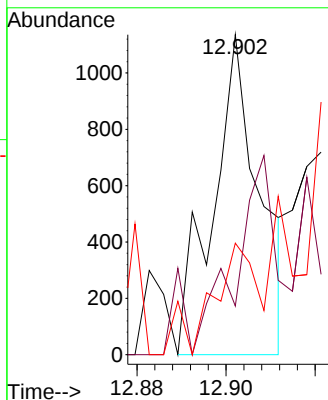
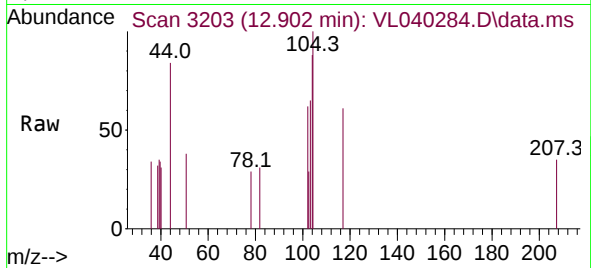




#61
Styrene
Concen: 0.007 ppbv
RT: 12.902 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

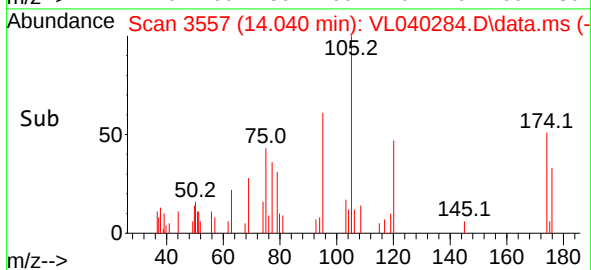
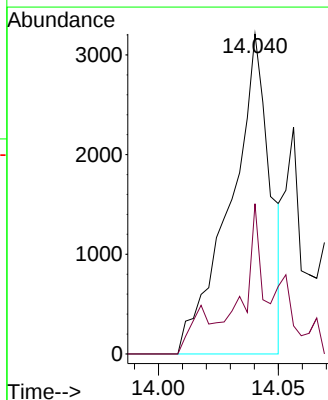
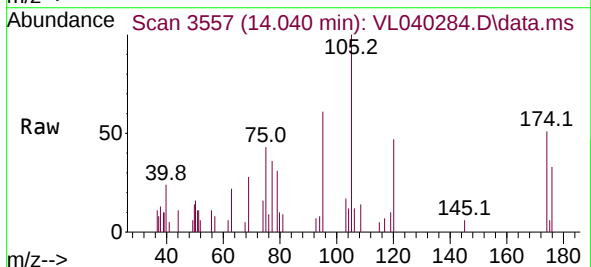
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

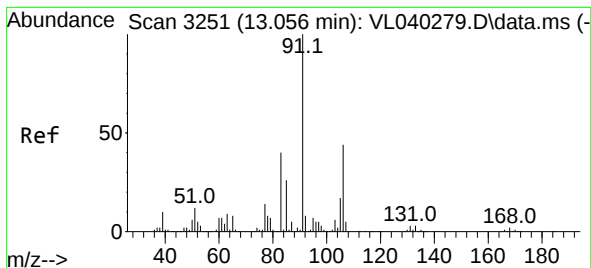
Tgt Ion:104 Resp: 828
Ion Ratio Lower Upper
104 100
78 97.8 43.7 65.5#
103 0.0 37.4 56.2#



#62
Isopropylbenzene
Concen: 0.011 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. -0.000 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion:105 Resp: 3672
Ion Ratio Lower Upper
105 100
120 44.3 19.9 29.9#

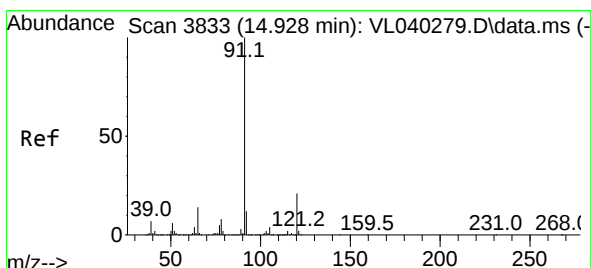
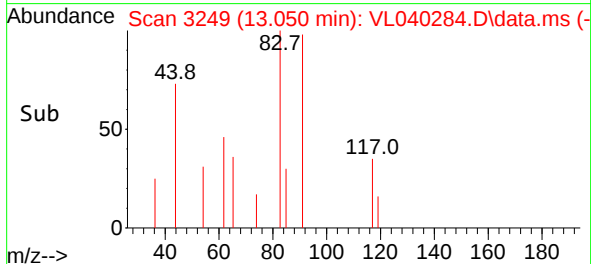
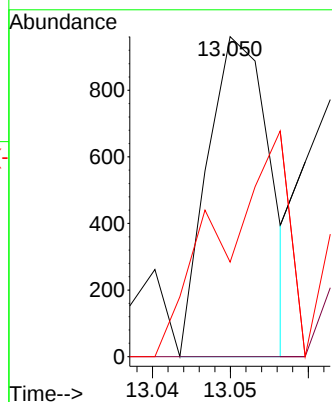
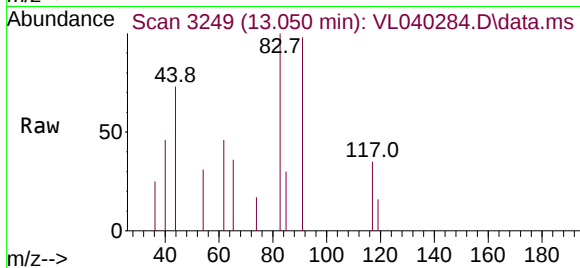




#63
1,1,2,2-Tetrachloroethane
Concen: 0.006 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

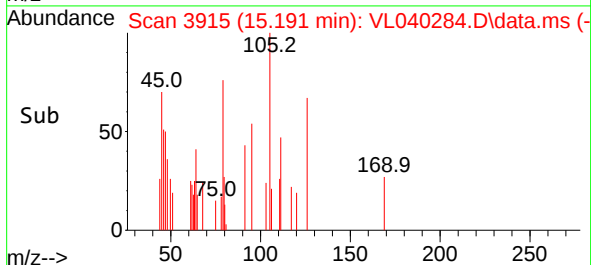
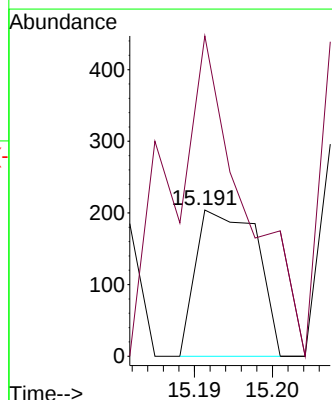
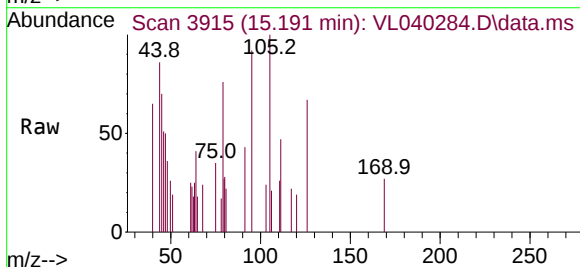
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

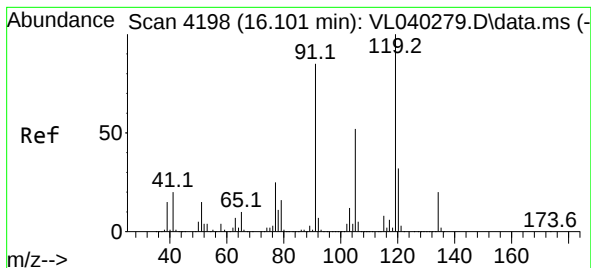
Tgt Ion: 83 Resp: 541
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.9#
85 0.0 32.7 98.1#



#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.264 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 120 Resp: 111
Ion Ratio Lower Upper
120 100
91 512.6 399.0 598.6





#65

tert-Butylbenzene

Concen: 0.002 ppbv

RT: 16.098 min Scan# 4198

Delta R.T. -0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

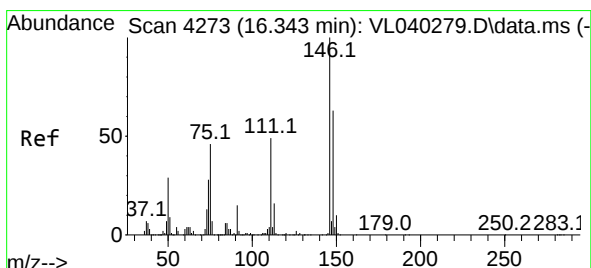
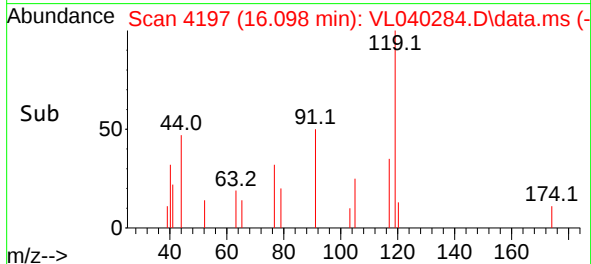
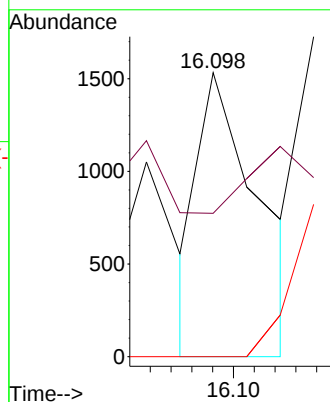
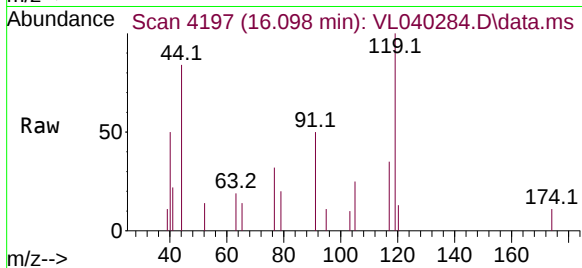
Tgt Ion:119 Resp: 614

Ion Ratio Lower Upper

119 100

91 0.0 69.4 104.2#

134 0.0 15.8 23.6#



#66

Benzyl Chloride

Concen: 0.010 ppbv

RT: 16.342 min Scan# 4273

Delta R.T. -0.000 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

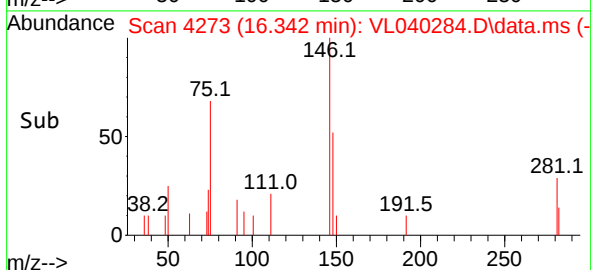
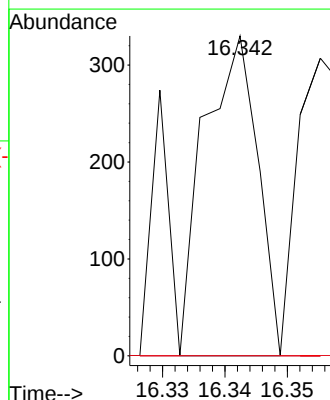
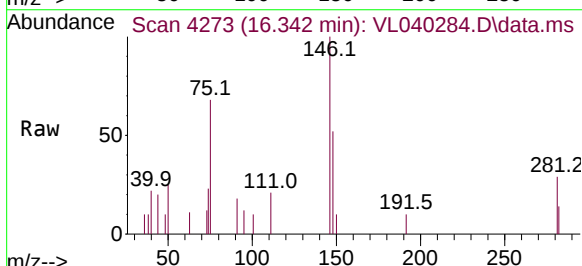
Tgt Ion: 91 Resp: 197

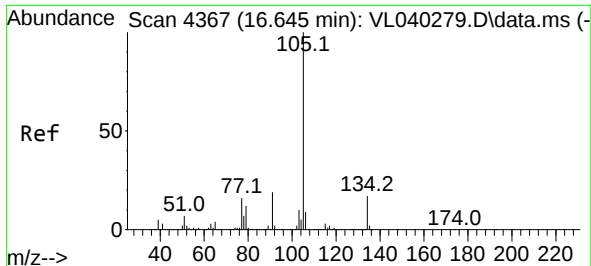
Ion Ratio Lower Upper

91 100

126 0.0 12.1 18.1#

128 0.0 3.8 5.6#





#67

sec-Butylbenzene

Concen: 0.002 ppbv

RT: 16.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

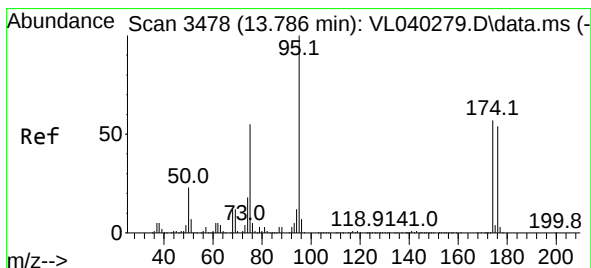
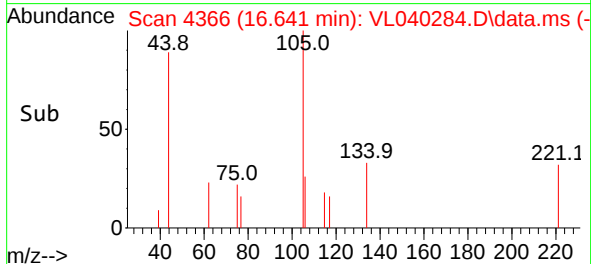
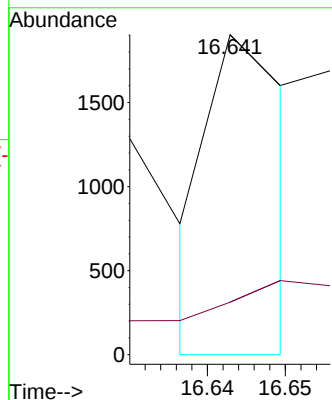
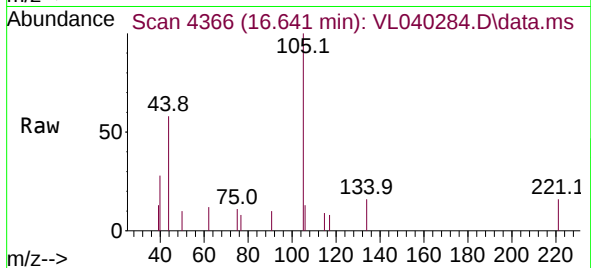
VSTDICC0.03

Tgt Ion:105 Resp: 676

Ion Ratio Lower Upper

105 100

134 0.0 14.0 21.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.923 ppbv

RT: 13.789 min Scan# 3479

Delta R.T. 0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

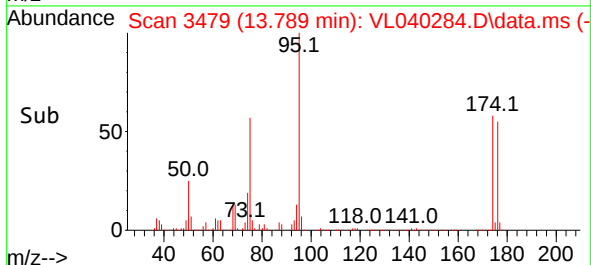
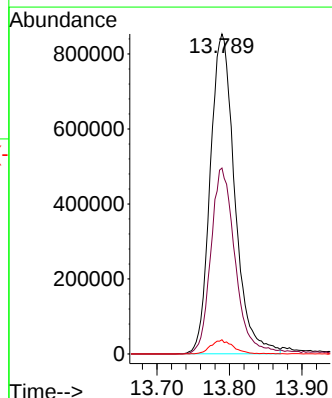
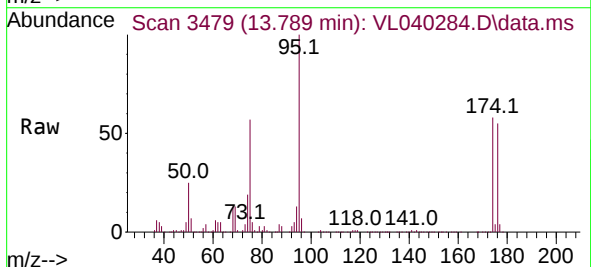
Tgt Ion: 95 Resp: 1999537

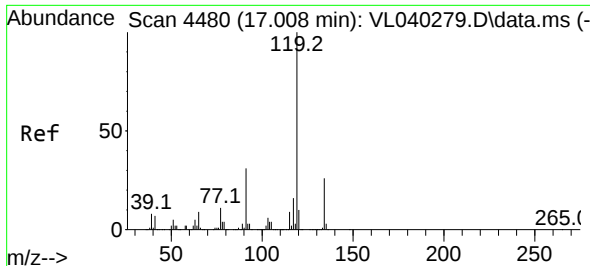
Ion Ratio Lower Upper

95 100

174 59.0 47.0 70.6

175 4.2 3.4 5.2

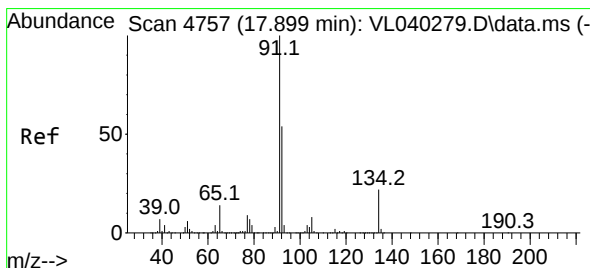
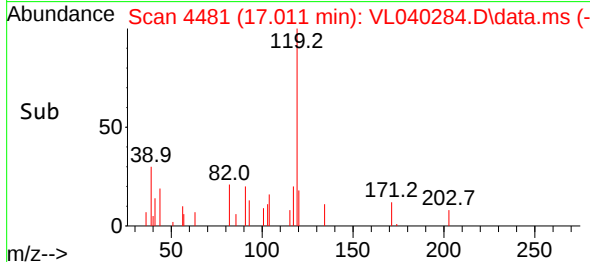
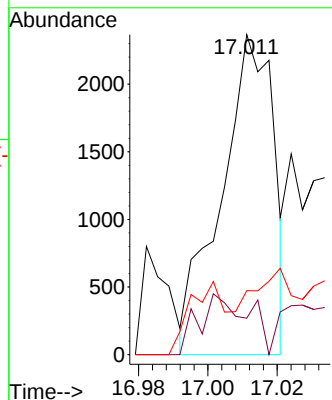
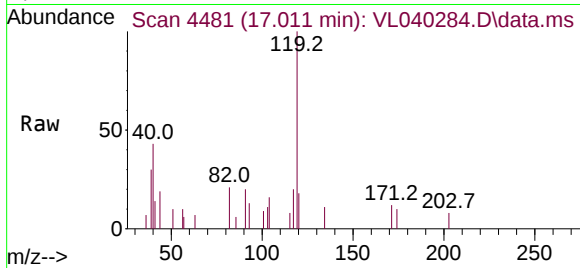




#69
p-Isopropyltoluene
Concen: 0.008 ppbv
RT: 17.011 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

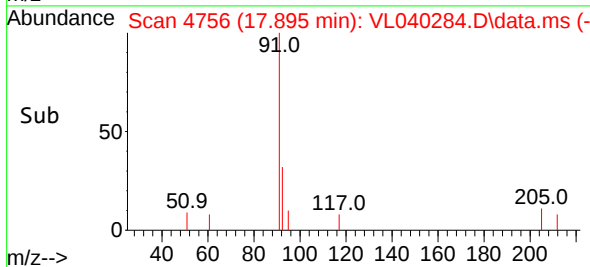
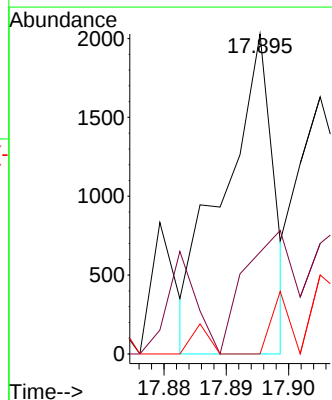
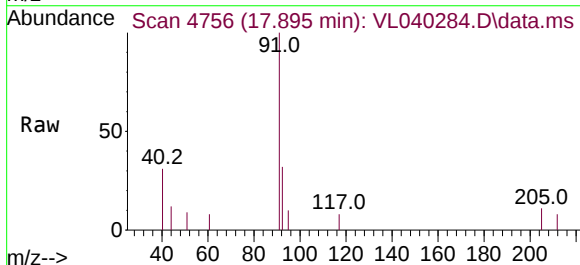
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

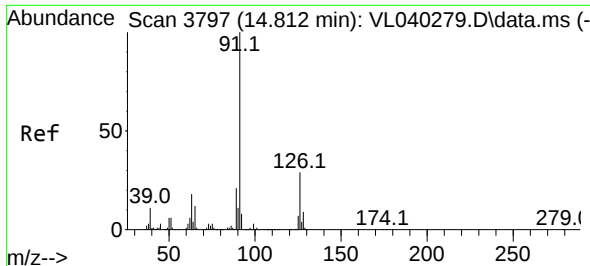
Tgt Ion:119 Resp: 2498
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2#
91 0.0 25.1 37.7#



#70
n-Butylbenzene
Concen: 0.003 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 91 Resp: 1135
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 0.0 16.8 25.2#

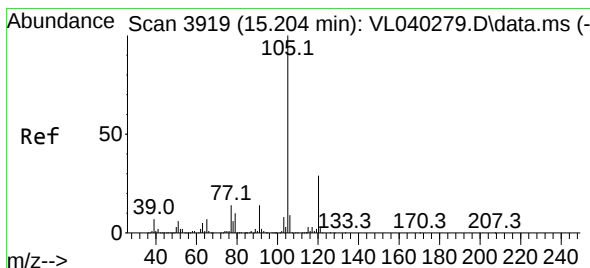
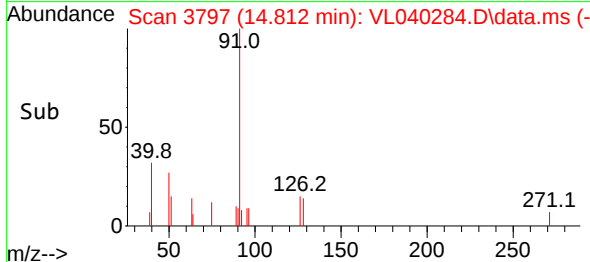
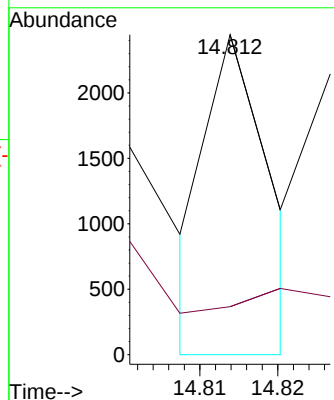
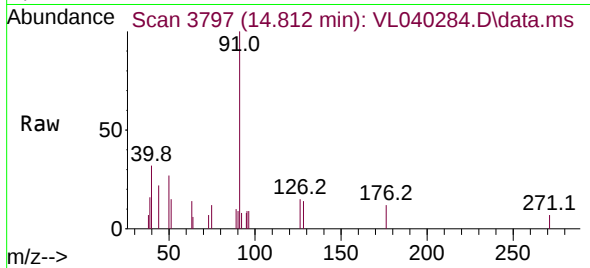




#71
2-Chlorotoluene
Concen: 0.003 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

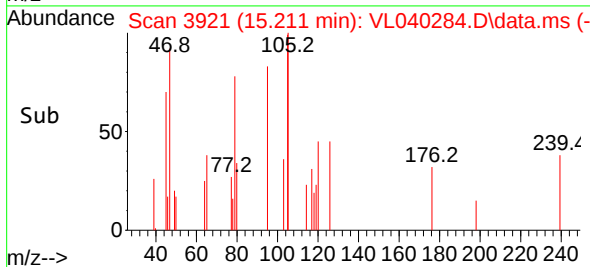
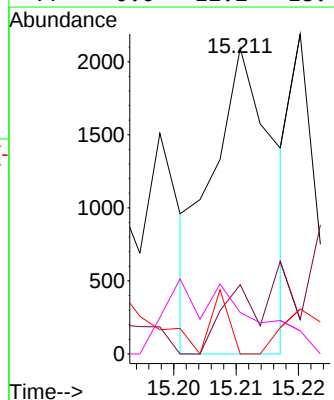
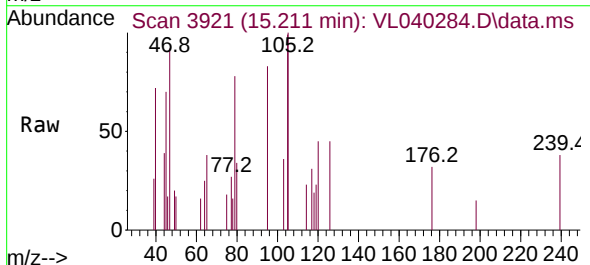
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

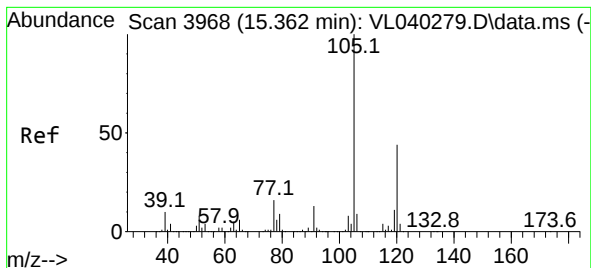
Tgt Ion: 91 Resp: 685
Ion Ratio Lower Upper
91 100
126 0.0 11.8 47.4#



#72
4-Ethyltoluene
Concen: 0.005 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.006 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion: 105 Resp: 1441
Ion Ratio Lower Upper
105 100
120 0.0 23.7 35.5#
91 0.0 11.6 17.4#
77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.004 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. 0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Instrument :

MSVOA_L

ClientSampleId :

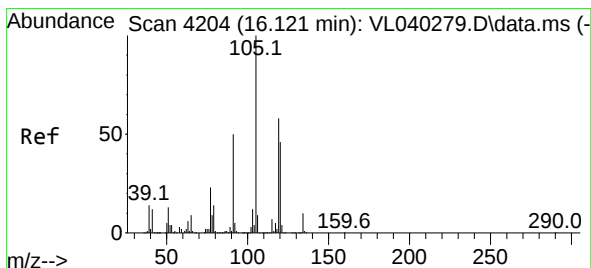
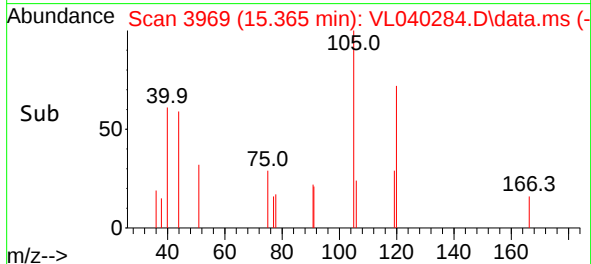
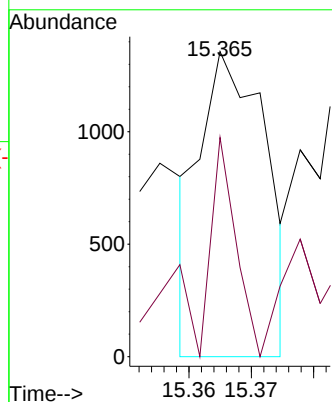
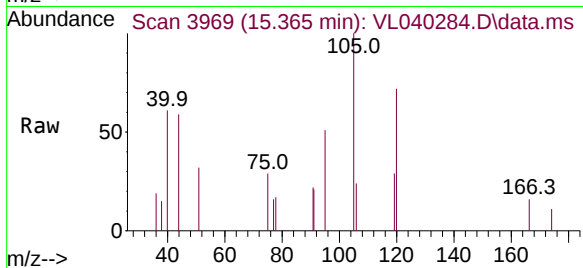
VSTDICC0.03

Tgt Ion:105 Resp: 994

Ion Ratio Lower Upper

105 100

120 86.4 34.9 52.3#



#74

1,2,4-Trimethylbenzene

Concen: 0.007 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.003 min

Lab File: VL040284.D

Acq: 15 Mar 2023 14:44

Tgt Ion:105 Resp: 1948

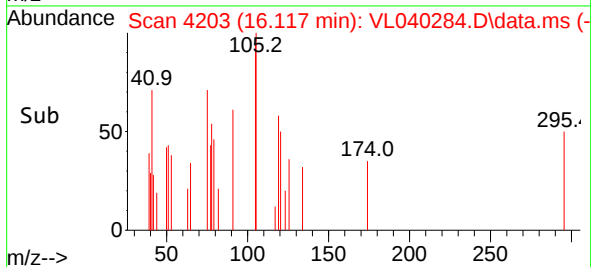
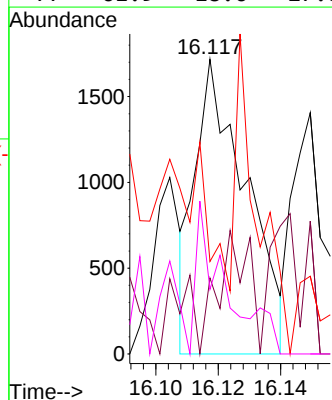
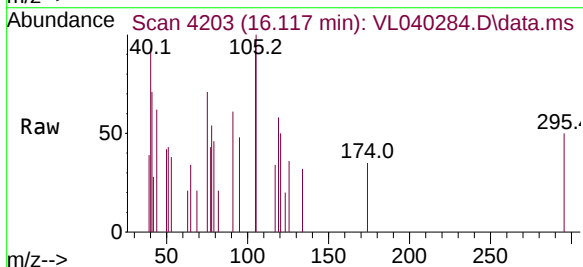
Ion Ratio Lower Upper

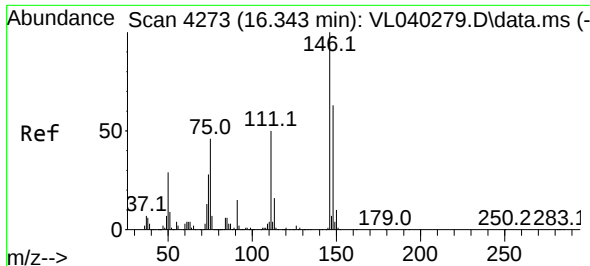
105 100

120 15.1 36.6 54.8#

91 4.5 39.9 59.9#

77 61.9 18.6 27.8#

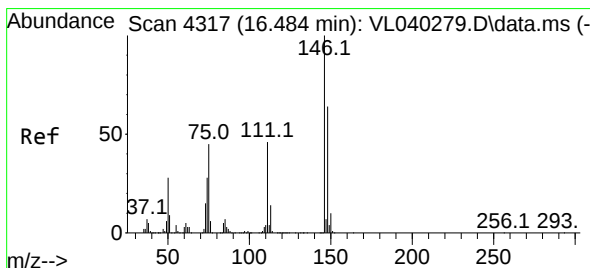
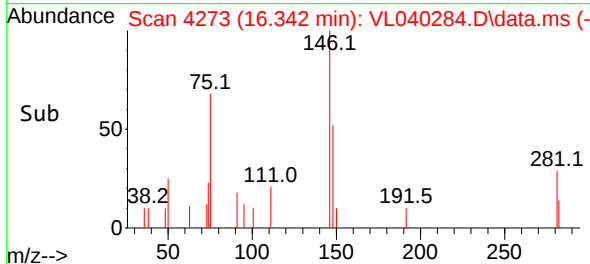
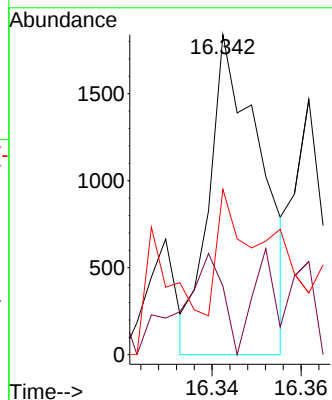
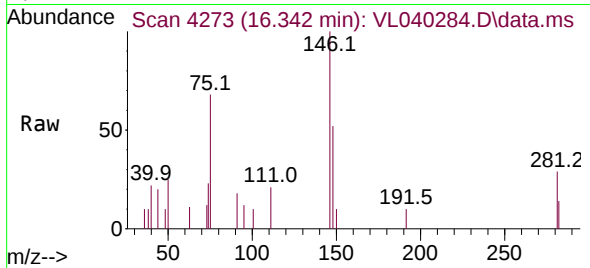




#75
1,3-Dichlorobenzene
Concen: 0.010 ppbv
RT: 16.342 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

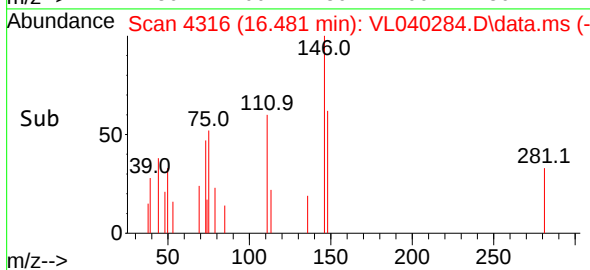
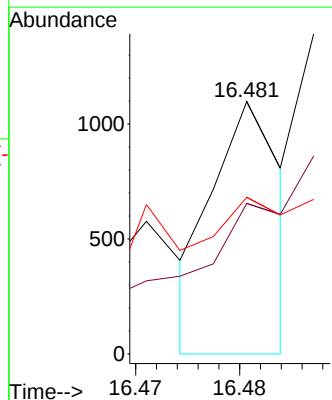
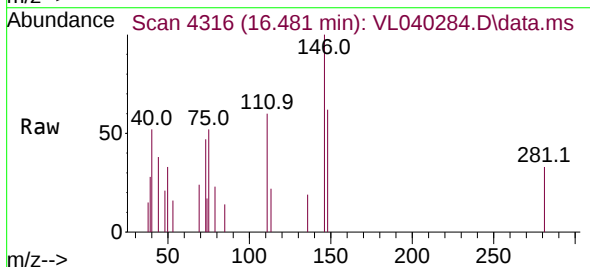
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.03

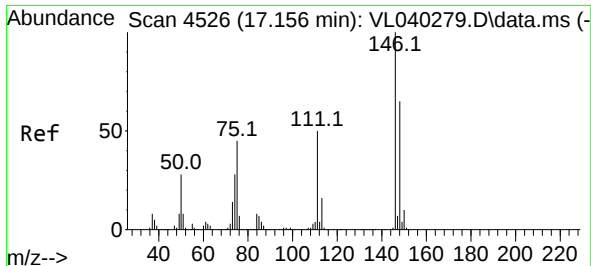
Tgt Ion:146 Resp: 1482
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0#
148 83.8 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 0.004 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion:146 Resp: 506
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.2#
148 0.0 32.5 97.5#

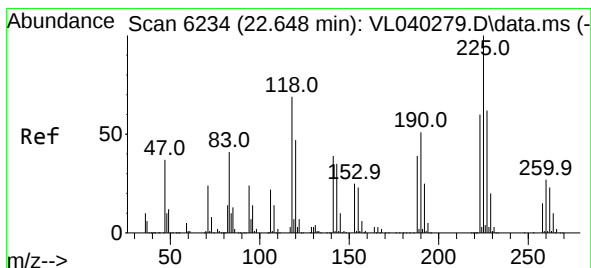
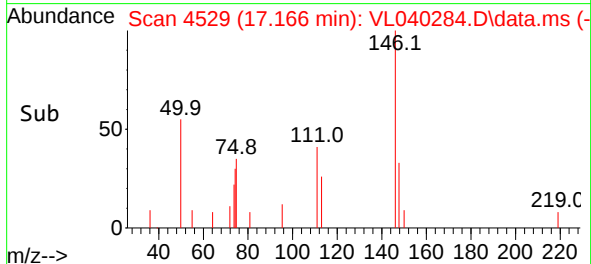
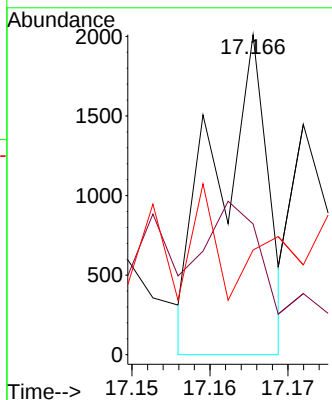
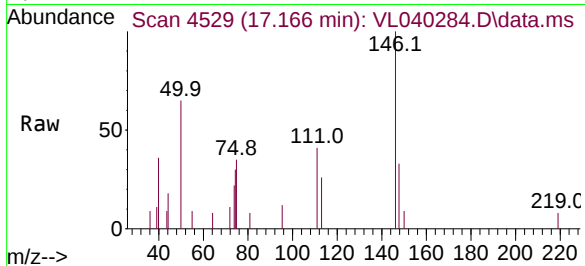




#77
1,2-Dichlorobenzene
Concen: 0.007 ppbv
RT: 17.166 min Scan# 4526
Delta R.T. 0.010 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

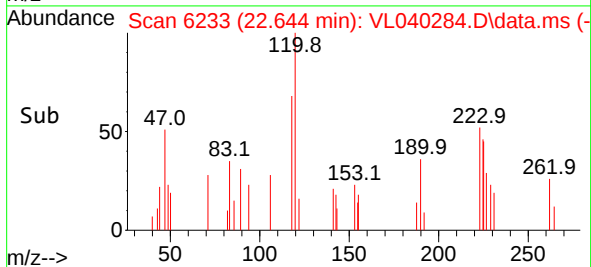
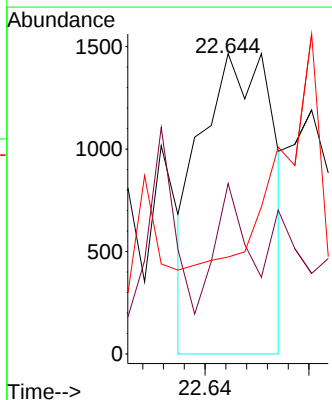
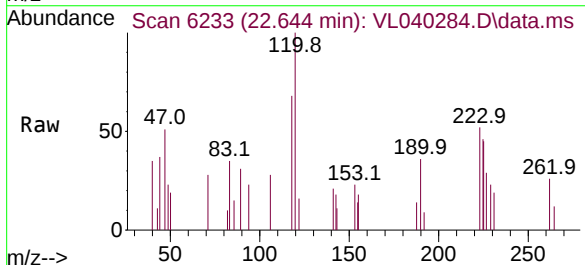
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

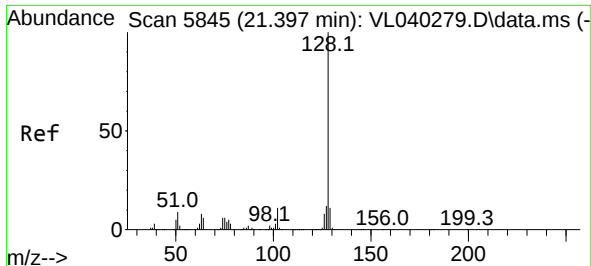
Tgt Ion:146 Resp: 943
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 209.5 32.1 96.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.014 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. -0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

Tgt Ion:225 Resp: 1416
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.4 77.2#

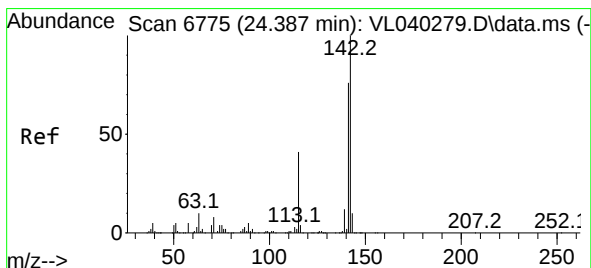
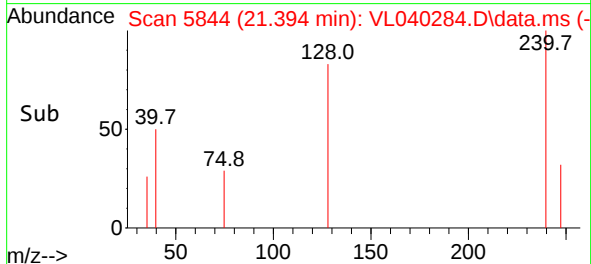
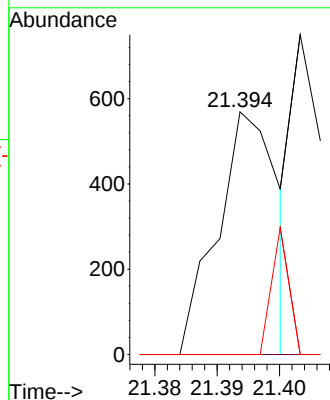
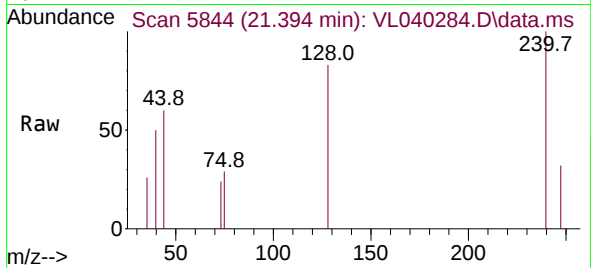




#79
Naphthalene
Concen: 0.002 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. -0.003 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

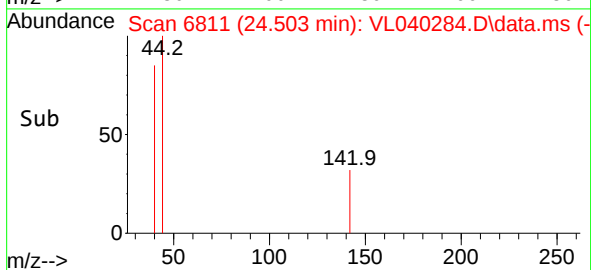
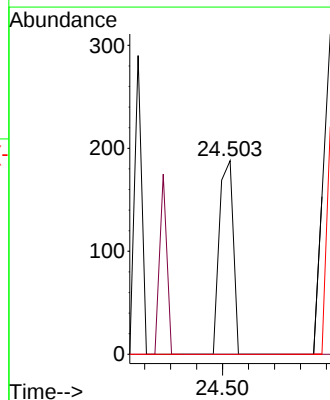
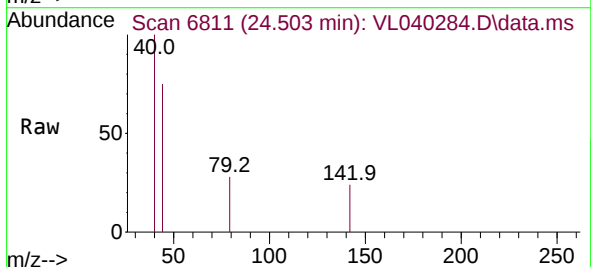
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

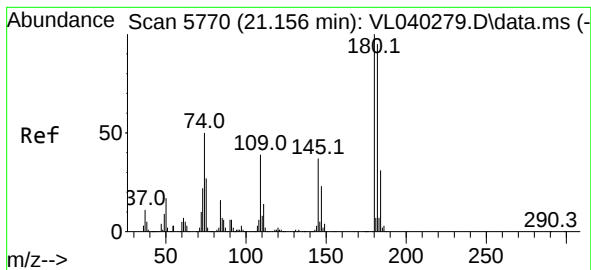
Tgt Ion:128 Resp: 381
Ion Ratio Lower Upper
128 100
127 0.0 9.6 14.4#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.503 min Scan# 6811
Delta R.T. 0.116 min
Lab File: VL040284.D
Acq: 15 Mar 2023 14:44

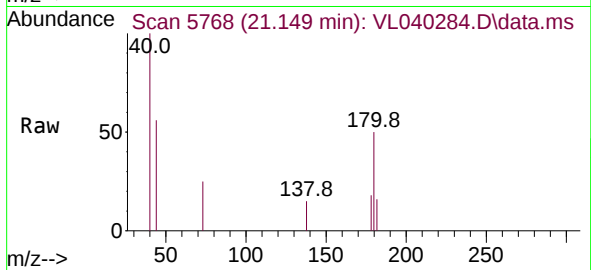
Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
141 0.0 65.5 98.3#
115 0.0 33.5 50.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.003 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VL040284.D
 Acq: 15 Mar 2023 14:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion:180 Resp: 278
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.1 114.1#
 184 0.0 24.4 36.6#

