

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040359.D
 Acq On : 13 Apr 2023 13:19
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC0.03

Quant Time: Apr 14 05:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	956865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2434073	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2163605	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1790141	10.006	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	7284	0.042	ppbv	95
3) Chlorodifluoromethane	2.664	51	4140	0.033	ppbv #	91
4) Chloromethane	2.806	50	3318	0.042	ppbv #	85
5) Vinyl Chloride	2.912	62	1191	0.018	ppbv	97
6) Bromomethane	3.111	94	301	0.014	ppbv #	1
7) Chloroethane	3.185	64	734	0.030	ppbv #	88
8) Dichlorotetrafluoroethane	2.841	85	4261	0.025	ppbv #	19
9) Propene	2.684	41	2058	0.042	ppbv #	1
10) Heptane	7.581	43	869	0.008	ppbv #	25
11) Trichlorofluoromethane	3.558	101	5999	0.034	ppbv #	69
12) 1,1,2-Trichlorotrifluo...	4.063	101	1273	0.010	ppbv #	1
13) Ethanol	3.227	45	40	0.010	ppbv #	37
14) Bromoethene	3.362	108	1309	0.026	ppbv #	84
15) Acetone	3.484	43	16641	0.123	ppbv #	80
16) 1,3-Butadiene	2.980	39	958	0.017	ppbv #	3
17) tert-Butyl alcohol	3.893	59	857	0.007	ppbv #	72
18) 1,1-Dichloroethene	3.877	96	1072	0.019	ppbv #	56
19) Isopropyl Alcohol	3.574	45	43	0.001	ppbv #	90
20) Methylene Chloride	3.928	84	11588	0.214	ppbv #	90
21) Allyl Chloride	3.986	41	1475	0.019	ppbv #	11
22) trans-1,2-Dichloroethene	4.439	96	1162	0.021	ppbv #	15
23) Vinyl Acetate	4.613	43	779	0.023	ppbv #	1
24) 1,1-Dichloroethane	4.558	63	1662	0.014	ppbv #	90
25) Ethyl Acetate	5.208	43	2550	0.011	ppbv #	74
26) Hexane	5.214	57	1769	0.018	ppbv #	1
27) Carbon Disulfide	4.115	76	1931	0.016	ppbv #	1
28) Methyl tert-Butyl Ether	4.587	73	705	0.007	ppbv #	52
29) Chloroform	5.282	83	1350	0.008	ppbv	99
30) Cyclohexane	6.597	84	414	0.006	ppbv #	1
31) cis-1,2-Dichloroethene	5.073	61	832	0.009	ppbv #	82
32) 1,1,1-Trichloroethane	5.999	97	3114	0.019	ppbv #	14
34) 2-Butanone	4.777	43	74	0.001	ppbv #	53
35) Carbon Tetrachloride	6.497	117	2460	0.014	ppbv #	67
36) Benzene	6.368	78	3178	0.016	ppbv #	71
37) 1,2-Dichloroethane	5.806	62	1743	0.013	ppbv #	84
38) Trichloroethene	7.294	130	1827	0.016	ppbv #	53
39) 1,2-Dichloropropane	6.655	63	646721	8.276	ppbv #	25
40) 1,4-Dioxane	7.346	88	139	0.005	ppbv #	19
41) Tetrahydrofuran	5.558	42	80	0.001	ppbv #	34
42) Bromodichloromethane	7.246	83	2830	0.016	ppbv #	67
43) Methyl Methacrylate	7.478	69	121	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.323	57	1799	0.005	ppbv #	42
45) t-1,3-Dichloropropene	8.709	75	355	0.005	ppbv #	41

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040359.D
 Acq On : 13 Apr 2023 13:19
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 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

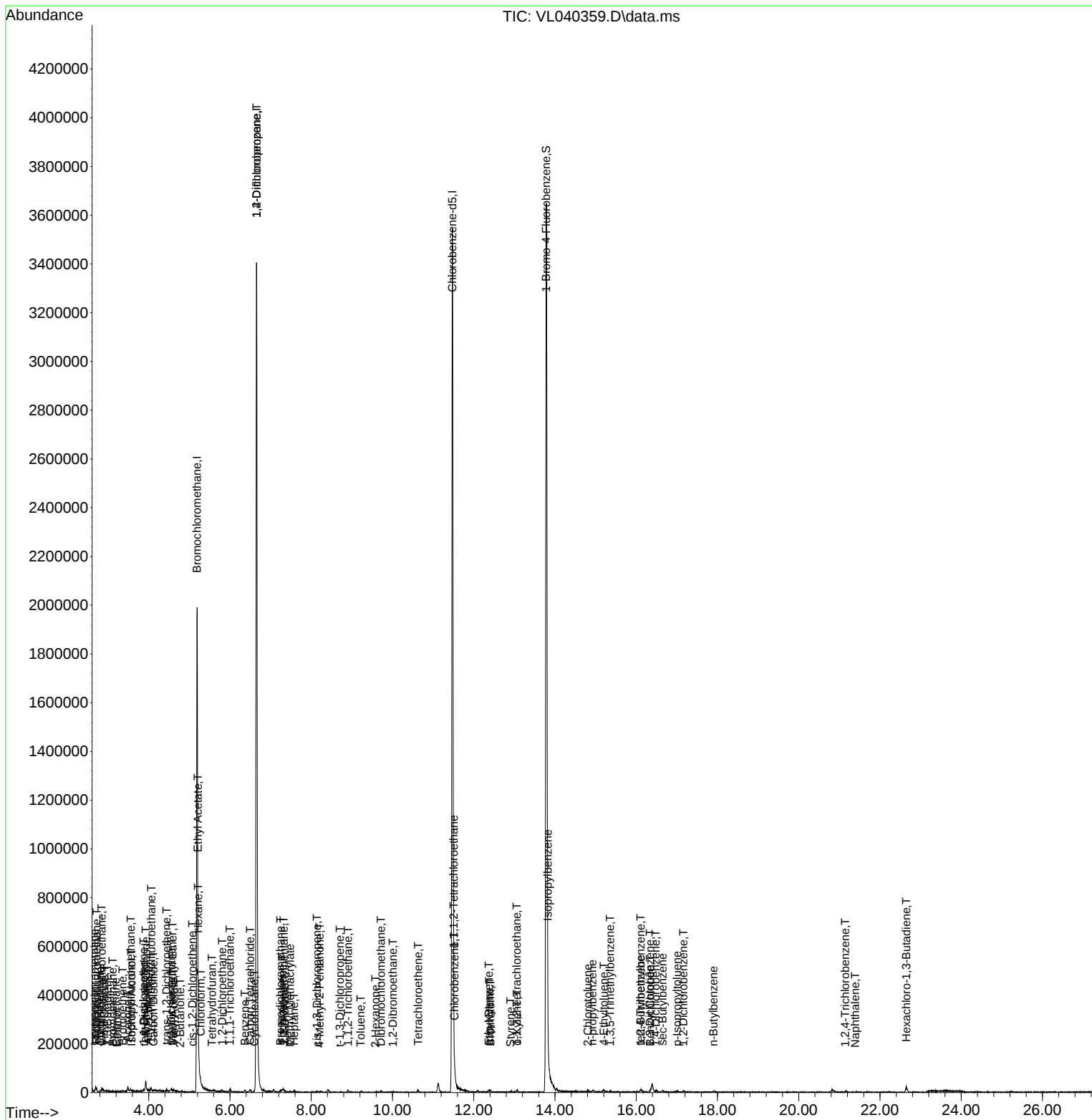
Instrument :
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 ClientSampleId :
 VSTDICC0.03

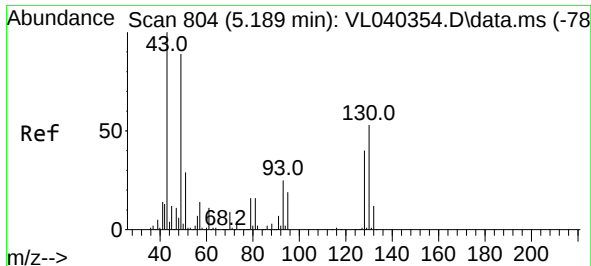
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.143	75	594	0.006	ppbv	#	27
47) 1,1,2-Trichloroethane	8.902	97	821	0.010	ppbv	#	31
48) Dibromochloromethane	9.716	129	536	0.004	ppbv	#	1
49) Bromoform	12.410	173	956	0.009	ppbv	#	15
50) 4-Methyl-2-Pentanone	8.204	43	350	0.002	ppbv	#	39
51) 2-Hexanone	9.581	43	217	0.001	ppbv	#	61
52) Tetrachloroethene	10.632	164	202	0.003	ppbv		91
53) Toluene	9.217	91	1778	0.008	ppbv	#	1
54) 1,2-Dibromoethane	10.011	107	820	0.009	ppbv	#	4
56) 1,1,1,2-Tetrachloroethane	11.510	131	2211	0.022	ppbv	#	58
57) Chlorobenzene	11.529	112	4689	0.028	ppbv	#	67
58) Ethyl Benzene	12.371	91	1003	0.004	ppbv		99
59) m/p-Xylene	12.384	91	740	0.003	ppbv	#	32
60) o-Xylene	13.066	91	955	0.004	ppbv	#	32
61) Styrene	12.908	104	520	0.004	ppbv	#	27
62) Isopropylbenzene	13.822	105	340	0.001	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.056	83	1641	0.019	ppbv	#	24
64) n-propylbenzene	14.924	120	780	0.009	ppbv	#	1
65) tert-Butylbenzene	16.104	119	1555	0.005	ppbv	#	15
66) Benzyl Chloride	16.342	91	48	0.003	ppbv	#	69
67) sec-Butylbenzene	16.651	105	2127	0.005	ppbv	#	60
69) p-Isopropyltoluene	17.005	119	1241	0.004	ppbv	#	46
70) n-Butylbenzene	17.902	91	2230	0.006	ppbv	#	33
71) 2-Chlorotoluene	14.812	91	1941	0.007	ppbv	#	45
72) 4-Ethyltoluene	15.204	105	1362	0.005	ppbv	#	63
73) 1,3,5-Trimethylbenzene	15.358	105	390	0.002	ppbv	#	68
74) 1,2,4-Trimethylbenzene	16.111	105	632	0.002	ppbv	#	67
75) 1,3-Dichlorobenzene	16.336	146	825	0.006	ppbv	#	1
76) 1,4-Dichlorobenzene	16.477	146	955	0.006	ppbv	#	22
77) 1,2-Dichlorobenzene	17.159	146	1629	0.011	ppbv	#	32
78) Hexachloro-1,3-Butadiene	22.648	225	2273	0.019	ppbv	#	18
79) Naphthalene	21.387	128	51	0.000	ppbv	#	69
81) 1,2,4-Trichlorobenzene	21.146	180	377	0.003	ppbv	#	12

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

Quant Time: Apr 14 05:50:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
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QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

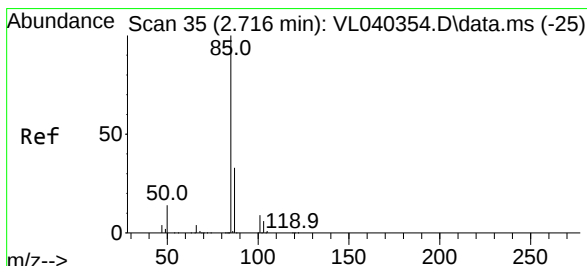
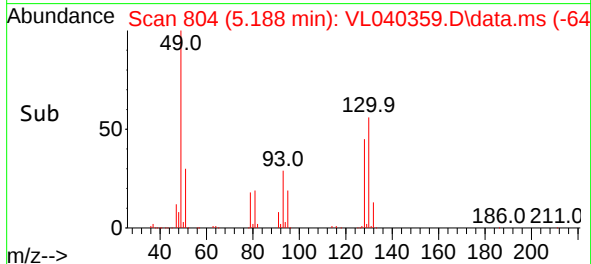
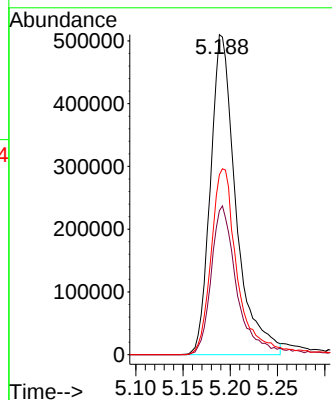
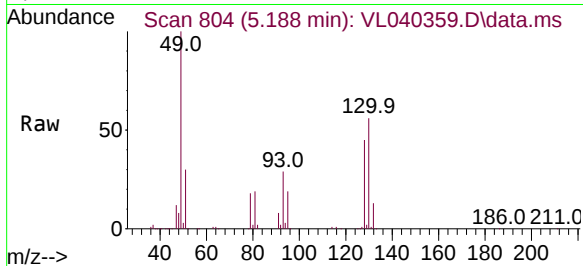




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.188 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

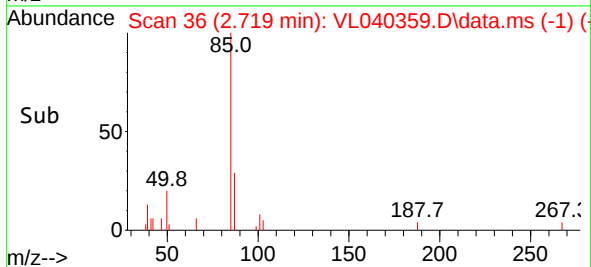
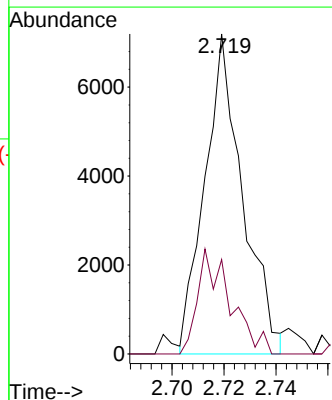
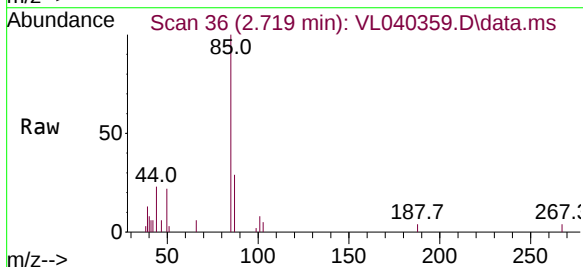
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC0.03

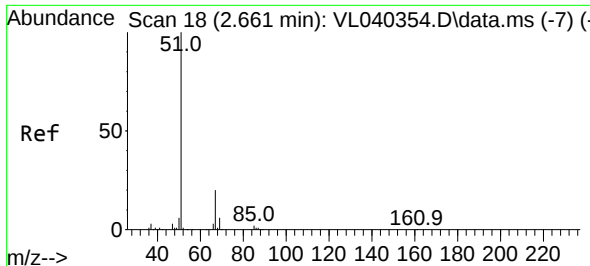
Tgt Ion: 49 Resp: 956865
 Ion Ratio Lower Upper
 49 100
 128 48.7 23.7 71.1
 130 62.7 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.042 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion: 85 Resp: 7284
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.6 40.0

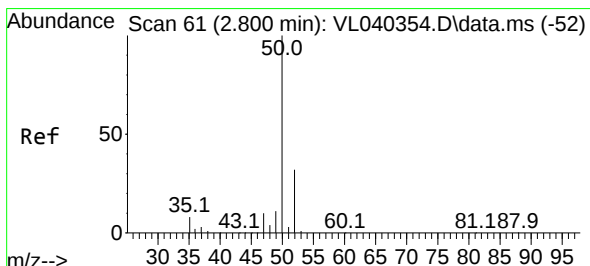
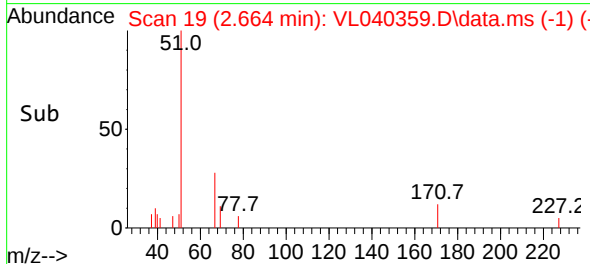
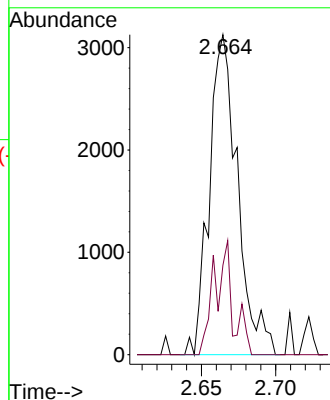
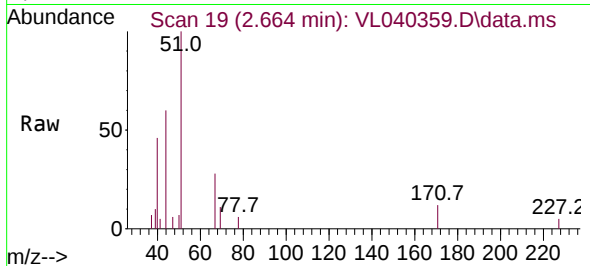




#3
Chlorodifluoromethane
Concen: 0.033 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

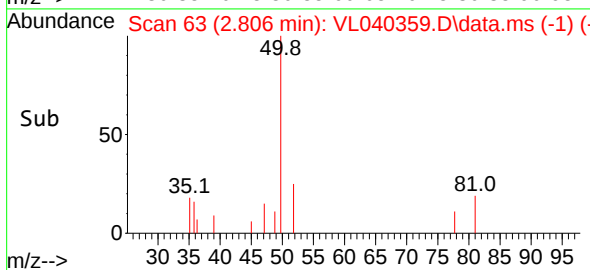
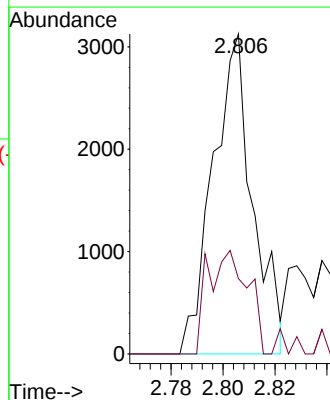
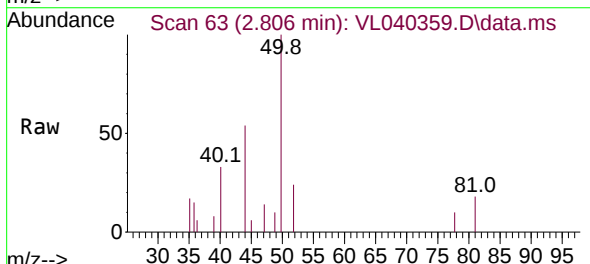
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC0.03

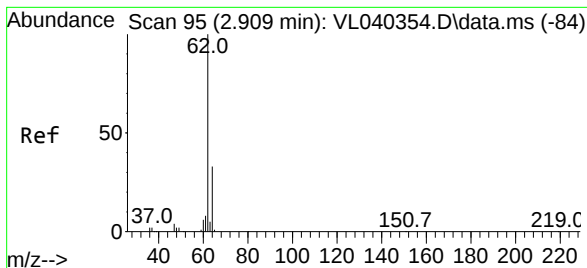
Tgt Ion: 51 Resp: 4140
Ion Ratio Lower Upper
51 100
67 23.3 15.5 23.3#



#4
Chloromethane
Concen: 0.042 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 50 Resp: 3318
Ion Ratio Lower Upper
50 100
52 23.5 25.3 37.9#

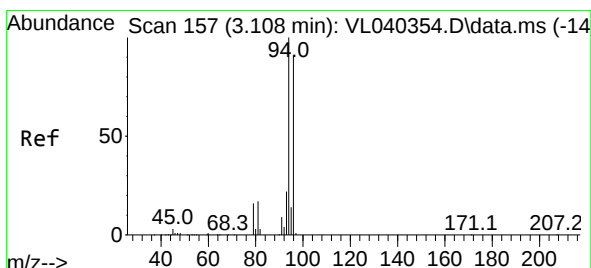
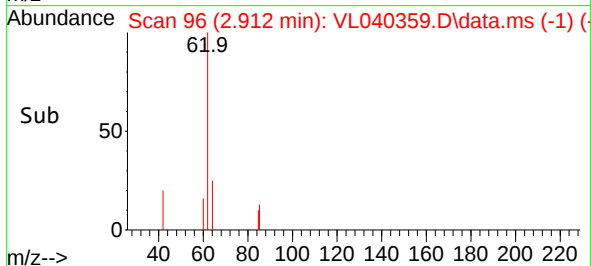
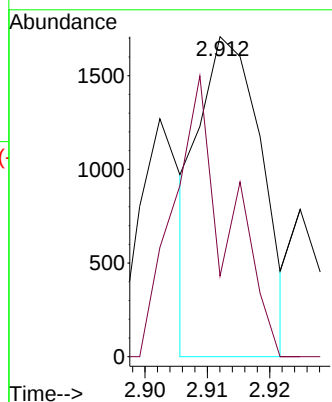
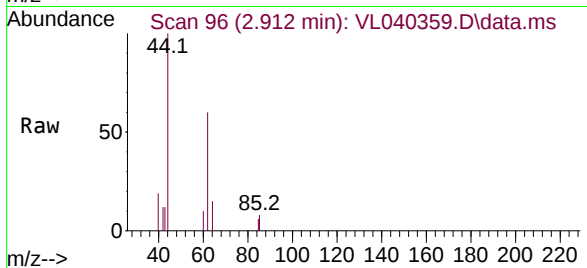




#5
 Vinyl Chloride
 Concen: 0.018 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

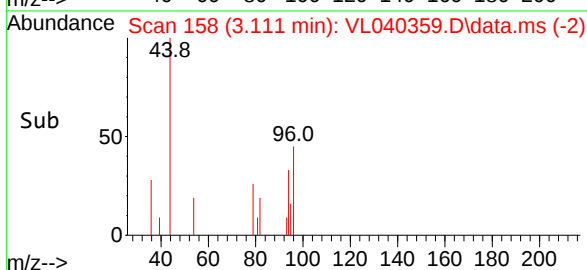
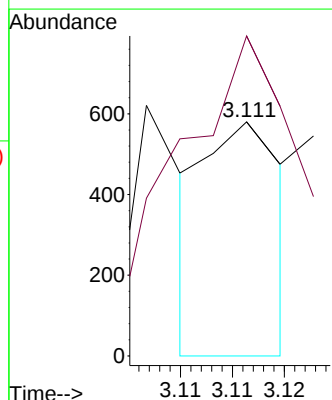
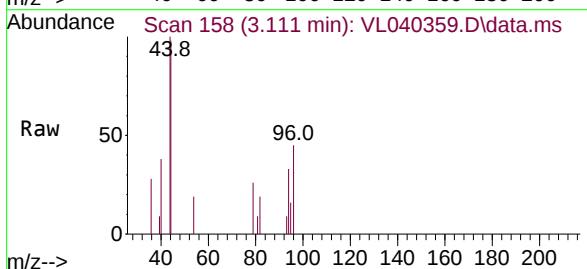
Instrument :
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 ClientSampleId :
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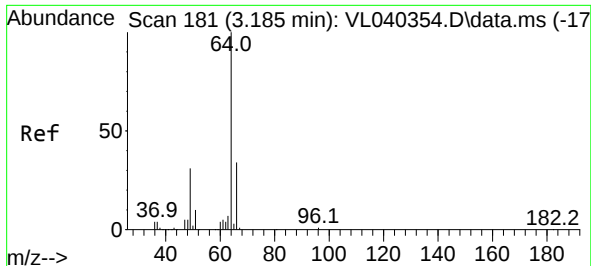
Tgt Ion: 62 Resp: 1191
 Ion Ratio Lower Upper
 62 100
 64 34.4 26.3 39.5



#6
 Bromomethane
 Concen: 0.014 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion: 94 Resp: 301
 Ion Ratio Lower Upper
 94 100
 96 200.8 72.6 108.8#

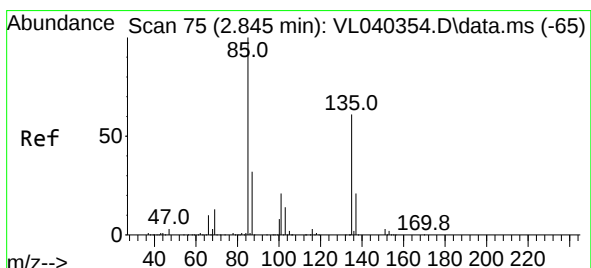
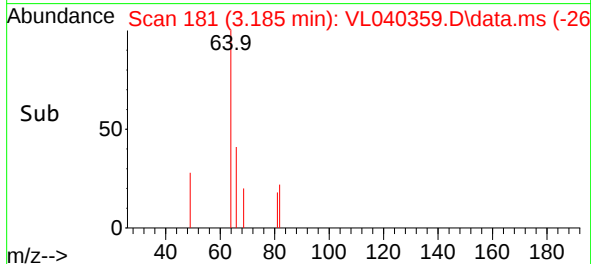
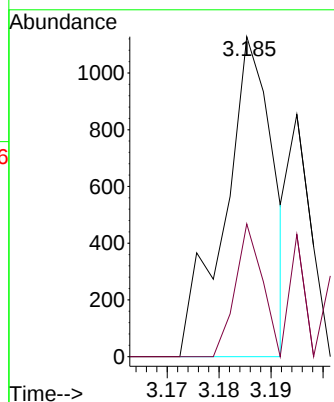
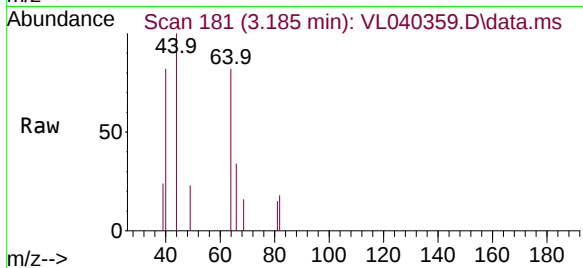




#7
Chloroethane
Concen: 0.030 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

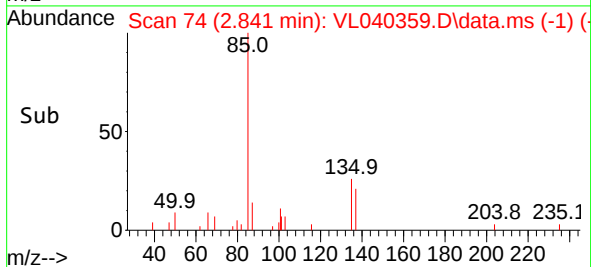
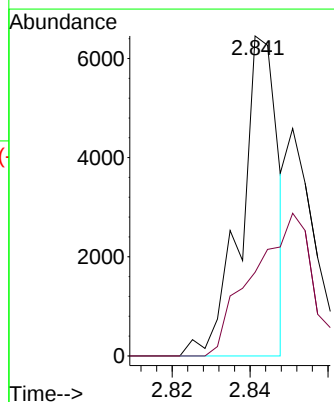
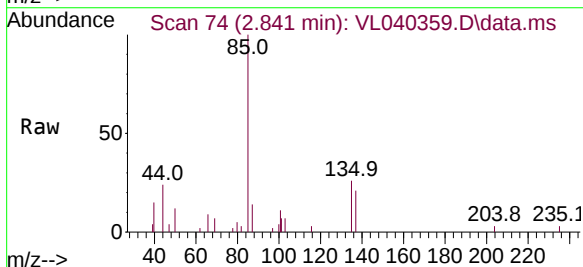
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ClientSampleId :
VSTDIC0.03

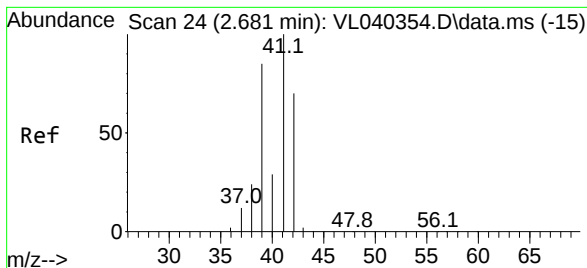
Tgt Ion: 64 Resp: 734
Ion Ratio Lower Upper
64 100
66 41.5 27.5 41.3#



#8
Dichlorotetrafluoroethane
Concen: 0.025 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 85 Resp: 4261
Ion Ratio Lower Upper
85 100
135 0.0 50.7 76.1#





#9

Propene

Concen: 0.042 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

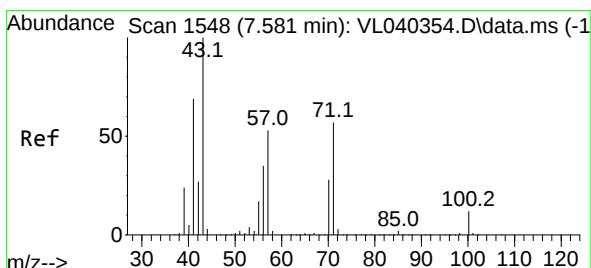
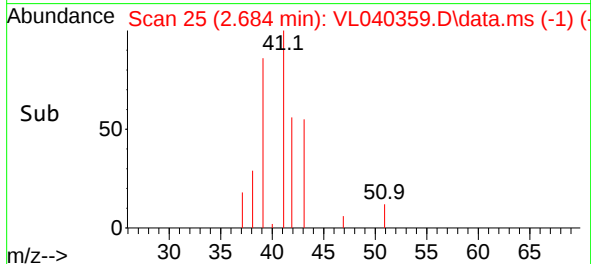
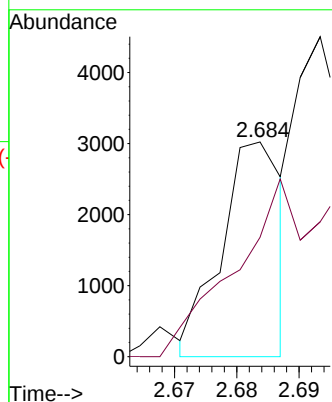
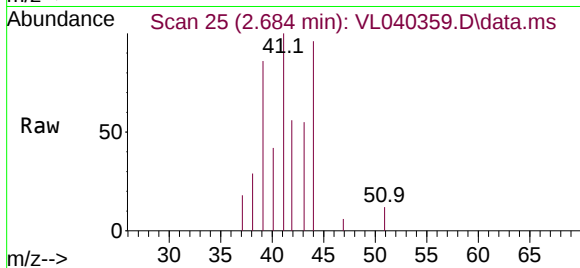
VSTDIC0.03

Tgt Ion: 41 Resp: 2058

Ion Ratio Lower Upper

41 100

42 189.6 56.5 84.7#



#10

Heptane

Concen: 0.008 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VL040359.D

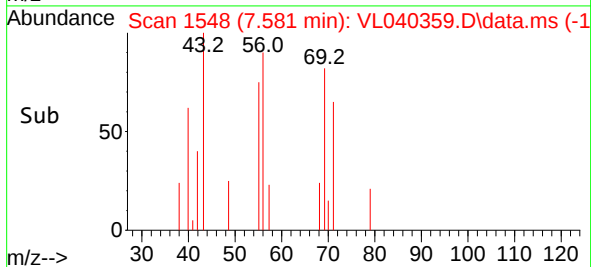
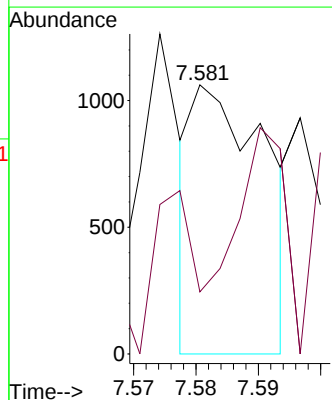
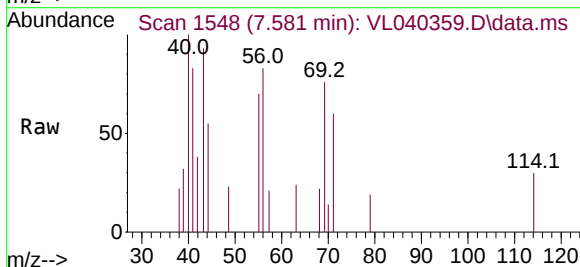
Acq: 13 Apr 2023 13:19

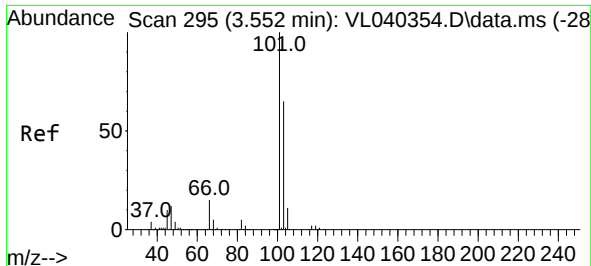
Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

43 100

57 0.0 42.2 63.4#

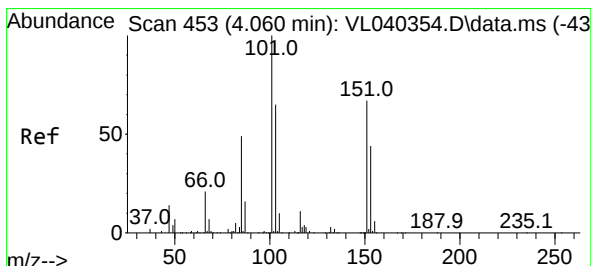
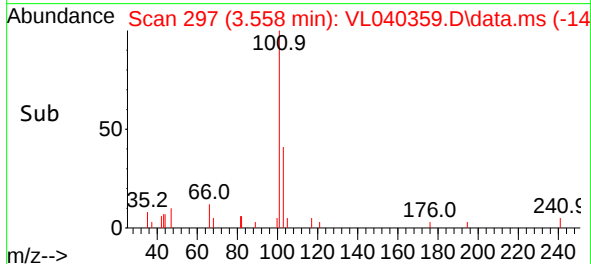
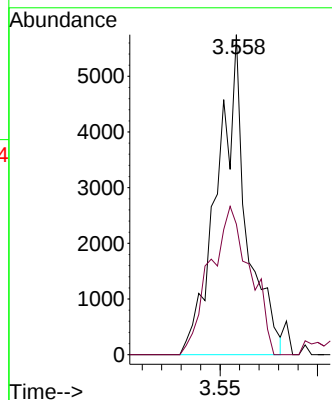
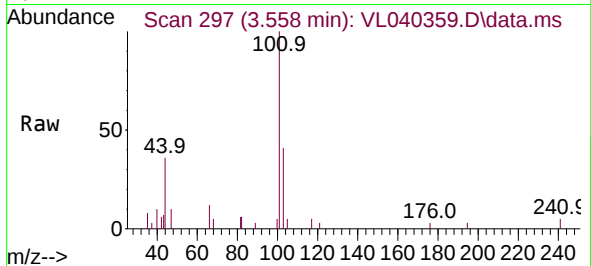




#11
 Trichlorofluoromethane
 Concen: 0.034 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. 0.006 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

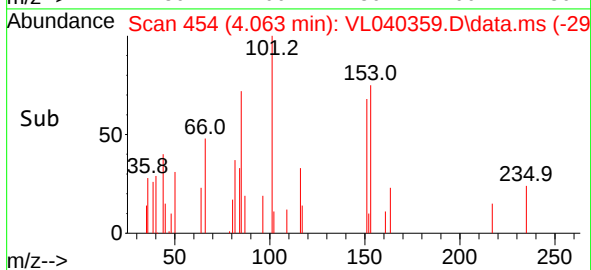
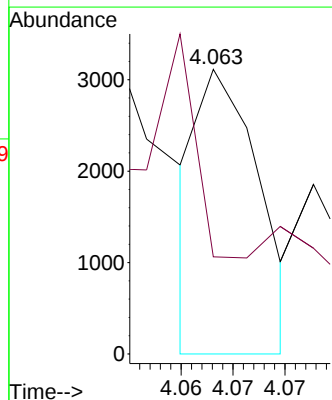
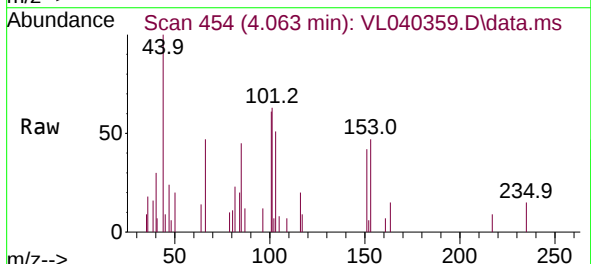
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC0.03

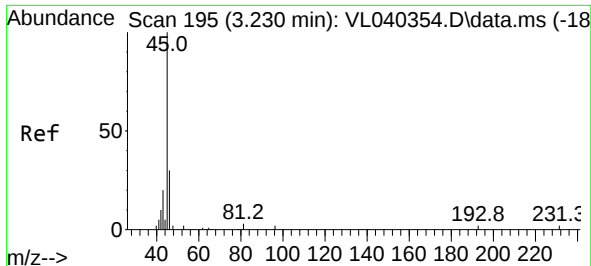
Tgt Ion:101 Resp: 5999
 Ion Ratio Lower Upper
 101 100
 103 40.8 52.2 78.4#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.010 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion:101 Resp: 1273
 Ion Ratio Lower Upper
 101 100
 151 251.3 54.7 82.1#

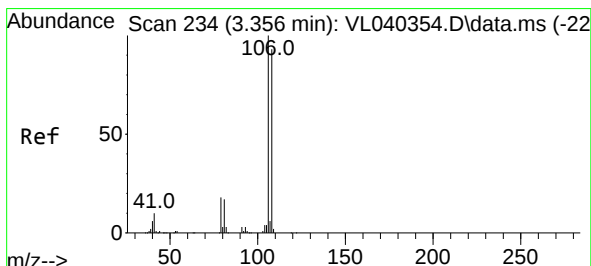
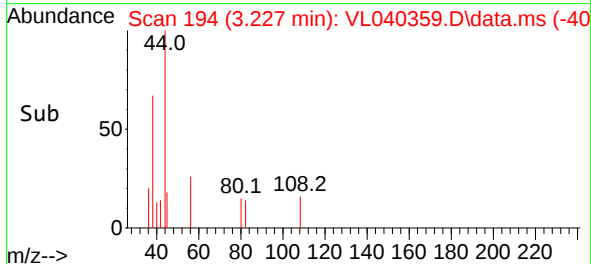
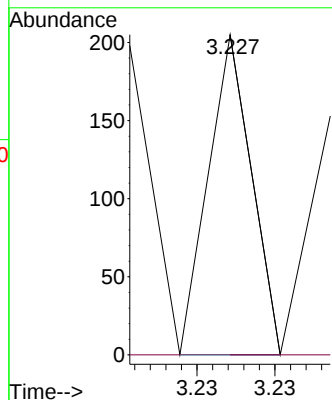
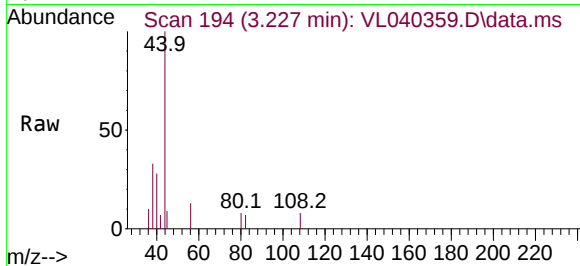




#13
Ethanol
Concen: 0.010 ppbv
RT: 3.227 min Scan# 195
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

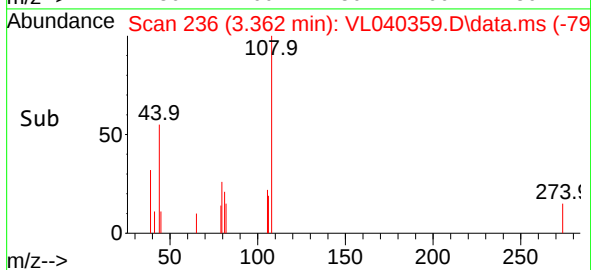
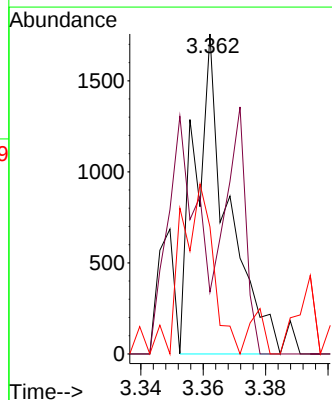
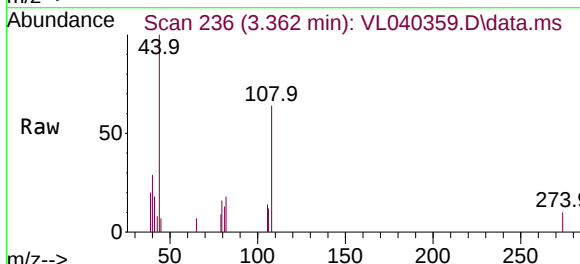
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

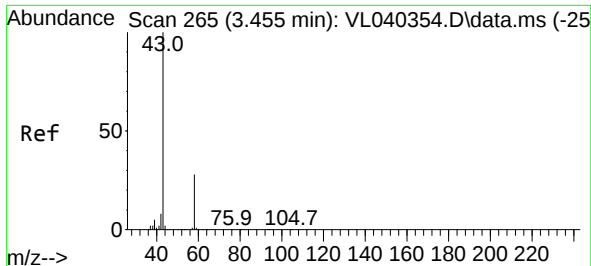
Tgt Ion: 45 Resp: 40
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.026 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.006 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 108 Resp: 1309
Ion Ratio Lower Upper
108 100
106 114.4 88.3 132.5
79 59.4 16.1 24.1#





#15

Acetone

Concen: 0.123 ppbv

RT: 3.484 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

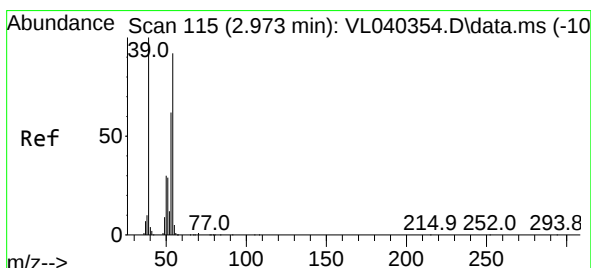
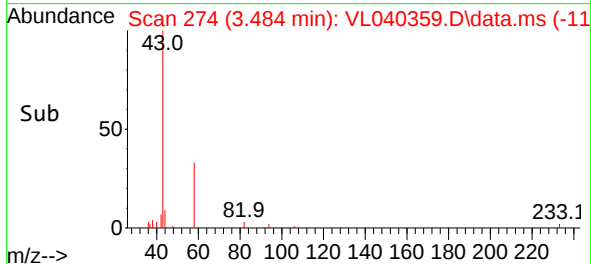
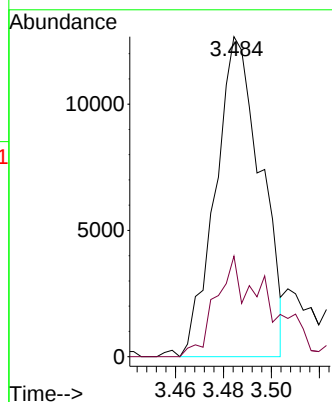
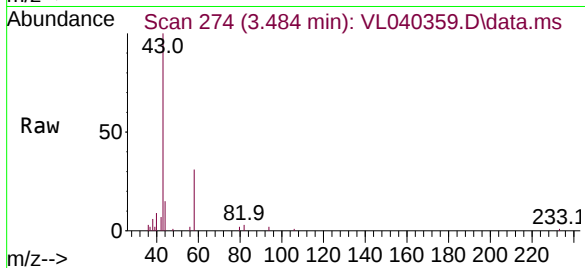
VSTDICC0.03

Tgt Ion: 43 Resp: 16641

Ion Ratio Lower Upper

43 100

58 38.0 22.2 33.2#



#16

1,3-Butadiene

Concen: 0.017 ppbv

RT: 2.980 min Scan# 117

Delta R.T. 0.006 min

Lab File: VL040359.D

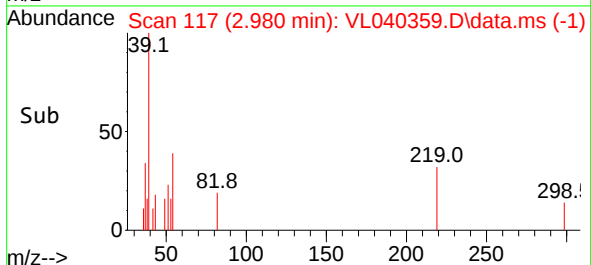
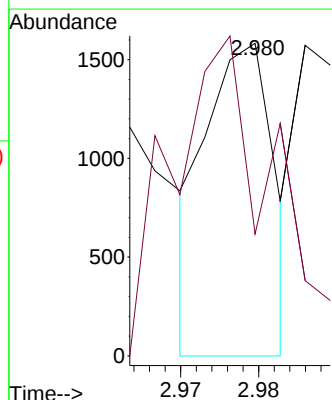
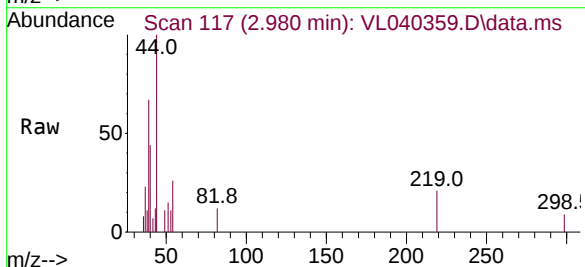
Acq: 13 Apr 2023 13:19

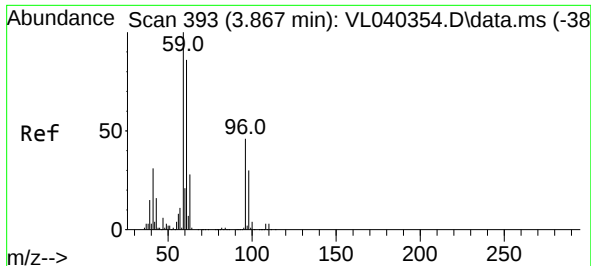
Tgt Ion: 39 Resp: 958

Ion Ratio Lower Upper

39 100

54 174.7 68.8 103.2#





#17

tert-Butyl alcohol

Concen: 0.007 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.026 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

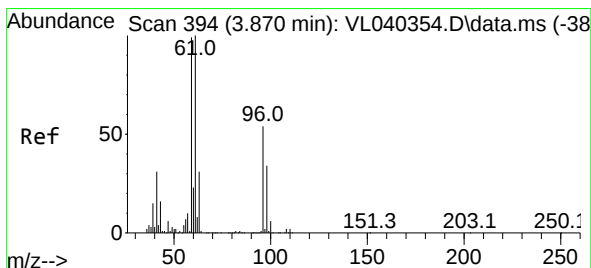
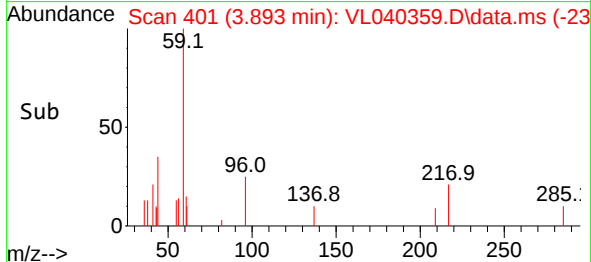
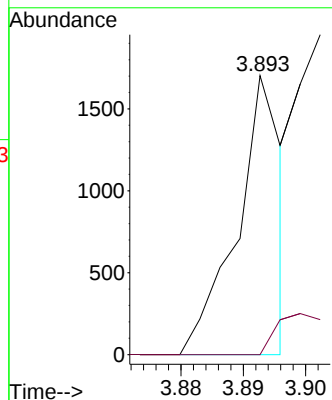
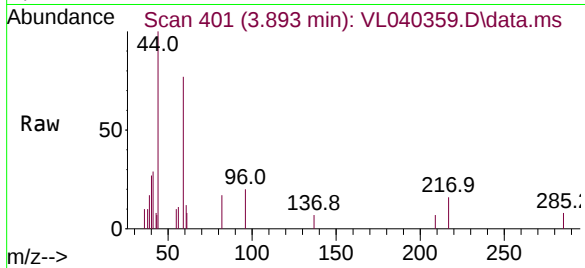
VSTDIC0.03

Tgt Ion: 59 Resp: 857

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.019 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.006 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

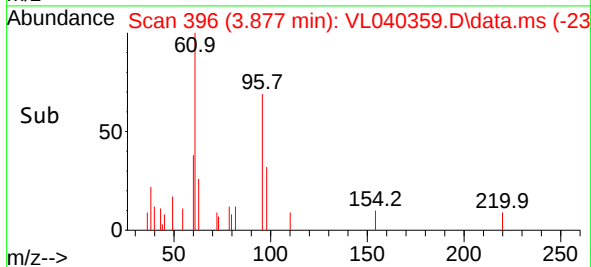
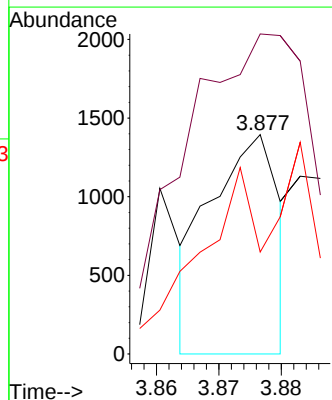
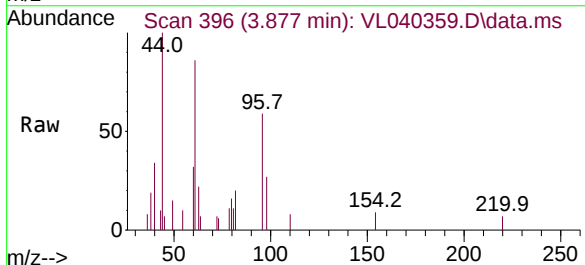
Tgt Ion: 96 Resp: 1072

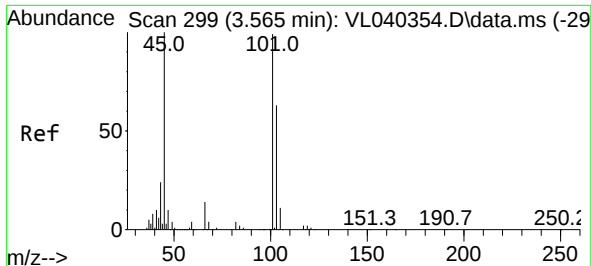
Ion Ratio Lower Upper

96 100

61 129.0 148.3 222.5#

98 17.4 49.8 74.8#





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.010 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

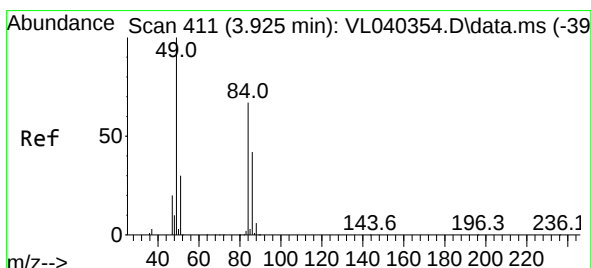
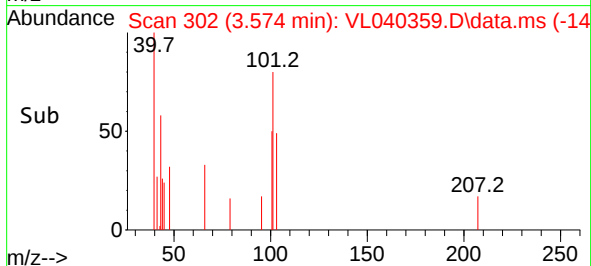
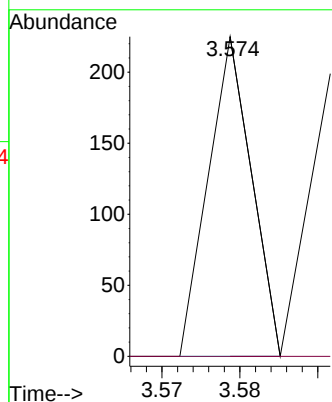
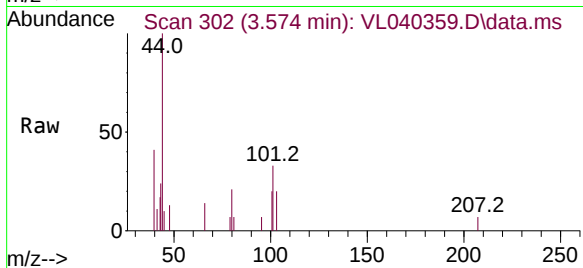
VSTDICC0.03

Tgt Ion: 45 Resp: 43

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#



#20

Methylene Chloride

Concen: 0.214 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Tgt Ion: 84 Resp: 11588

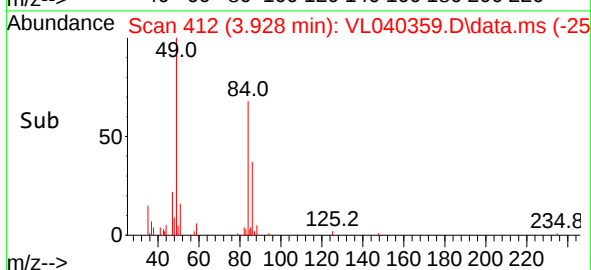
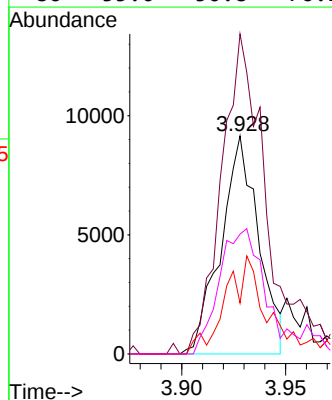
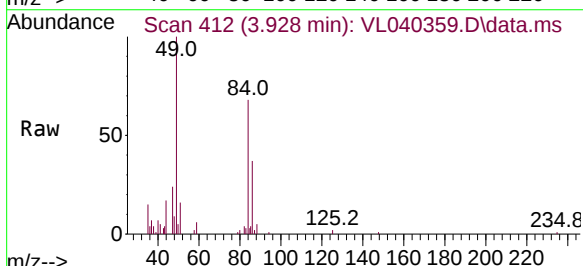
Ion Ratio Lower Upper

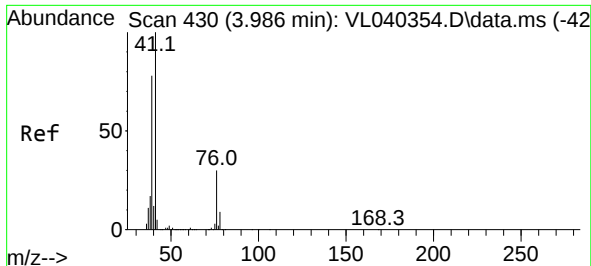
84 100

49 154.3 120.1 180.1

51 23.4 36.3 54.5#

86 55.0 50.8 76.2

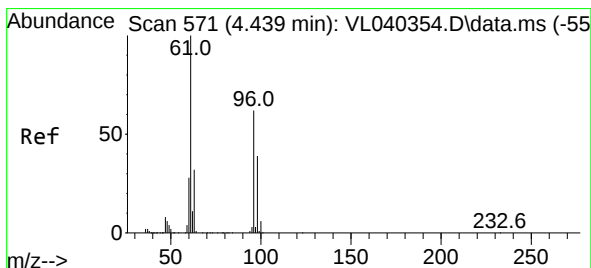
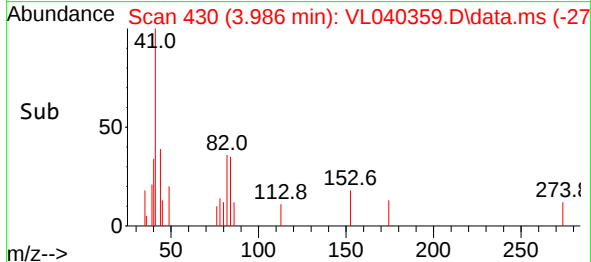
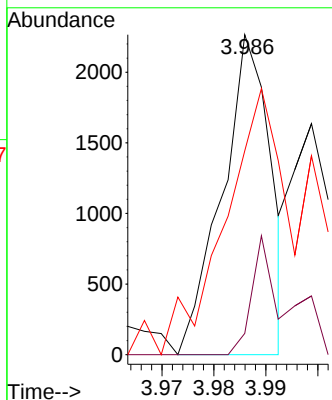
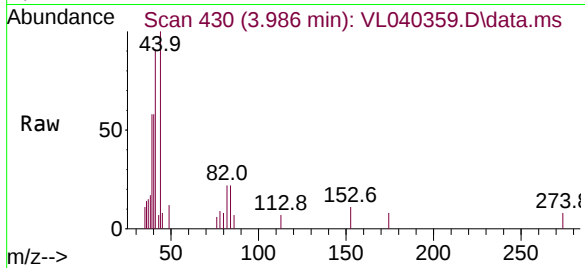




#21
 Allyl Chloride
 Concen: 0.019 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

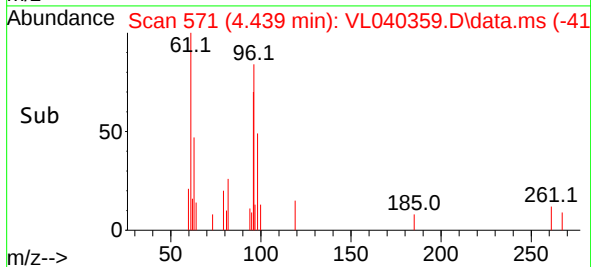
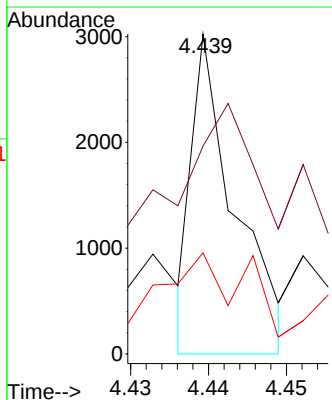
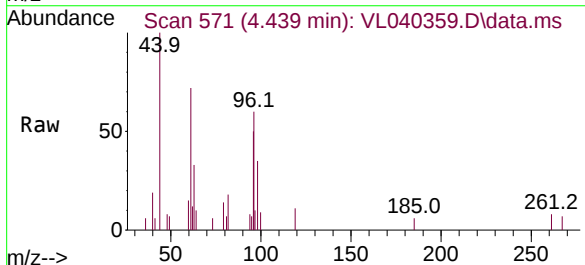
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC0.03

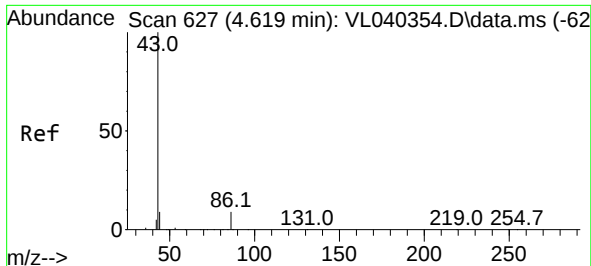
Tgt Ion: 41 Resp: 1475
 Ion Ratio Lower Upper
 41 100
 76 45.3 25.5 38.3#
 39 180.8 64.0 96.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.021 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.000 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion: 96 Resp: 1162
 Ion Ratio Lower Upper
 96 100
 61 27.9 129.4 194.2#
 98 28.4 51.0 76.4#

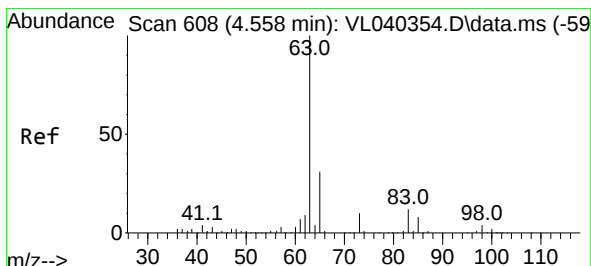
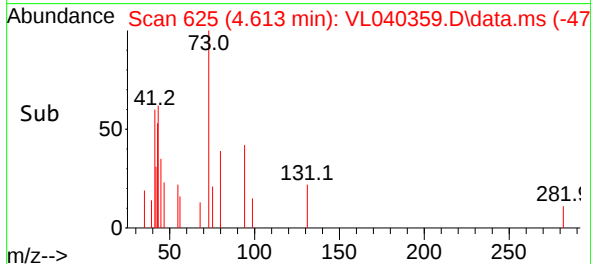
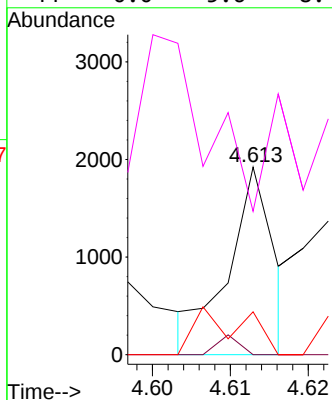
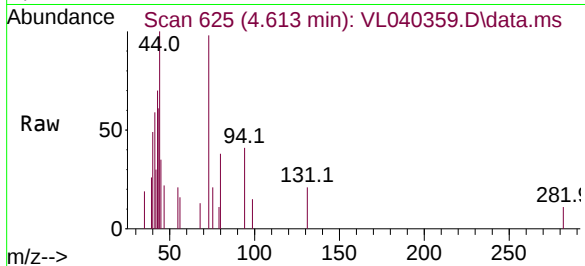




#23
 Vinyl Acetate
 Concen: 0.023 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

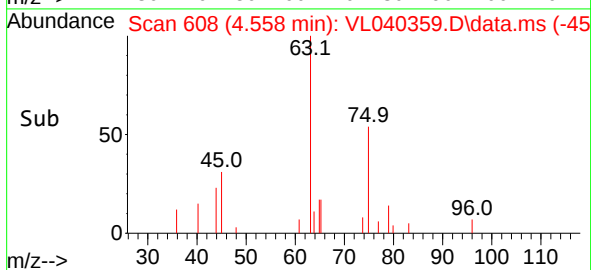
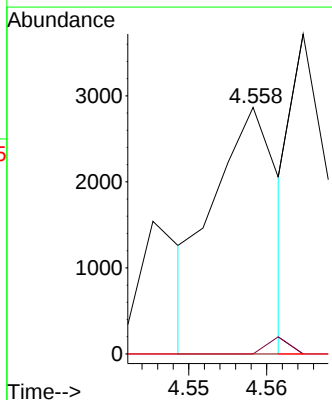
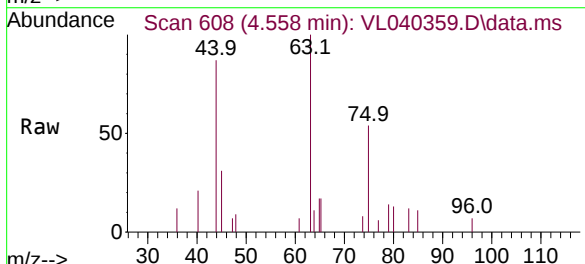
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC0.03

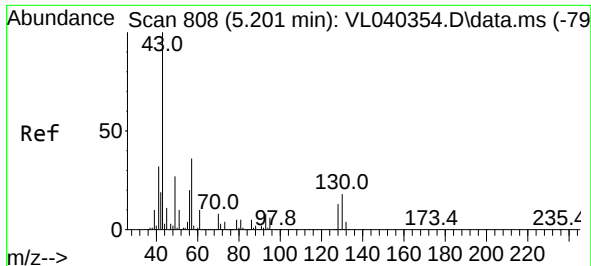
Tgt Ion:	43	Resp:	779
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#
42	99.5	6.4	9.6#
44	0.0	5.6	8.4#



#24
 1,1-Dichloroethane
 Concen: 0.014 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion:	63	Resp:	1662
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.2	3.6#





#25

Ethyl Acetate

Concen: 0.011 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.006 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC0.03

Tgt Ion: 43 Resp: 2550

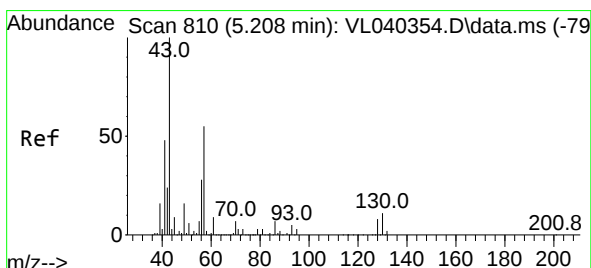
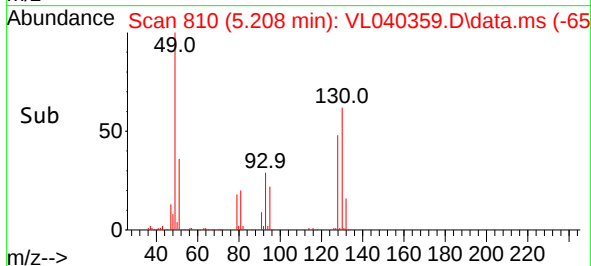
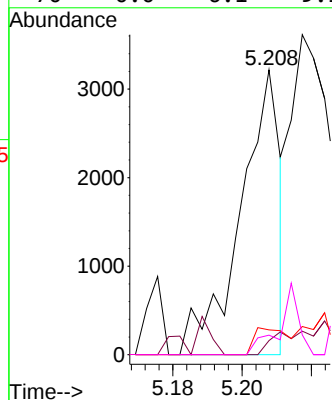
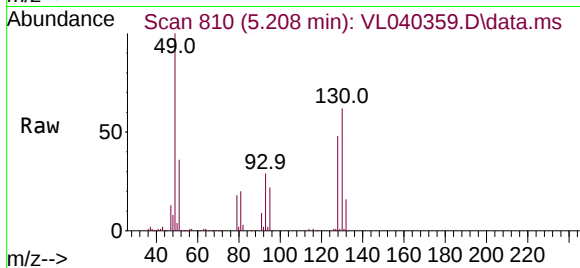
Ion Ratio Lower Upper

43 100

45 0.0 8.5 12.7#

61 0.0 8.5 12.7#

70 0.0 6.1 9.1#



#26

Hexane

Concen: 0.018 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.006 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Tgt Ion: 57 Resp: 1769

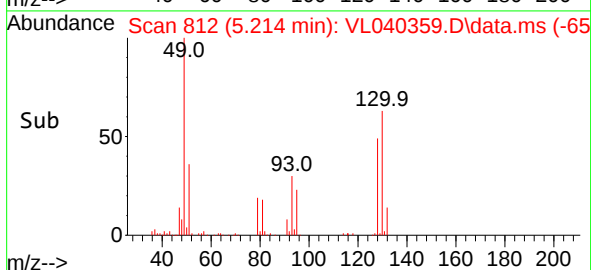
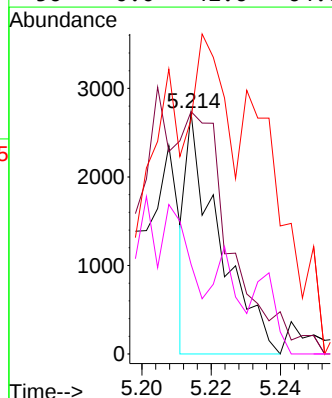
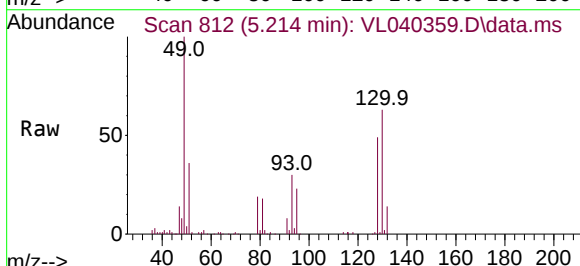
Ion Ratio Lower Upper

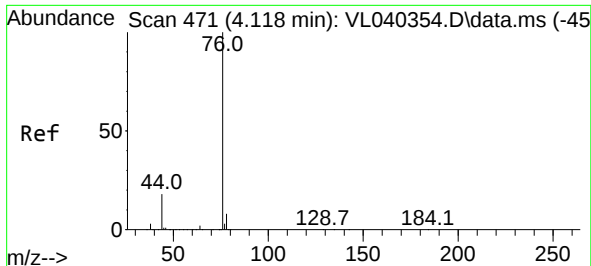
57 100

41 0.0 74.8 112.2#

43 484.4 192.7 289.1#

56 0.0 42.6 64.0#

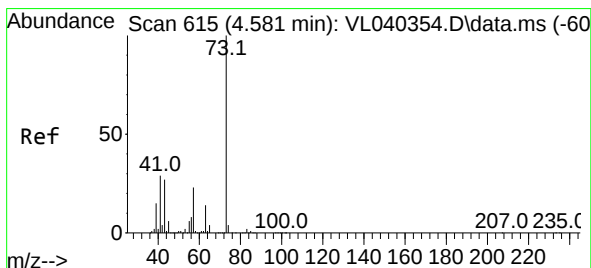
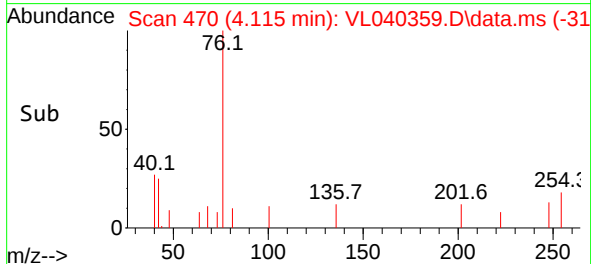
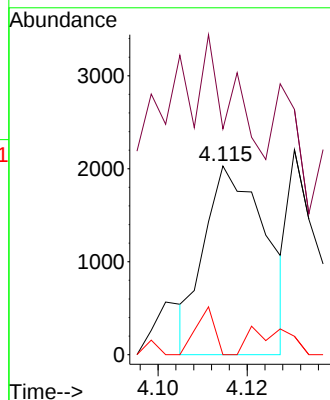
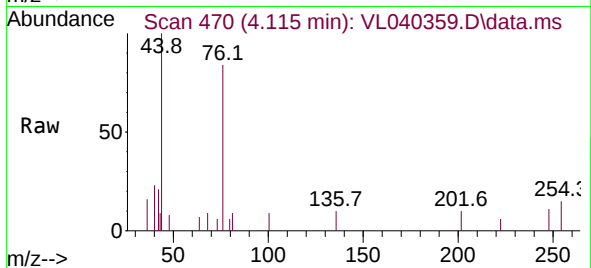




#27
Carbon Disulfide
Concen: 0.016 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

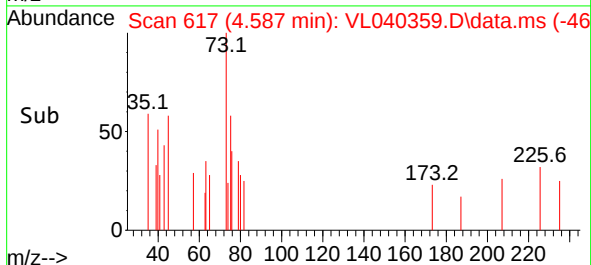
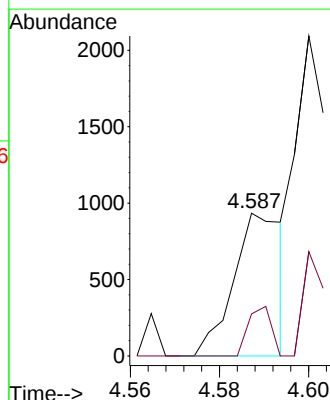
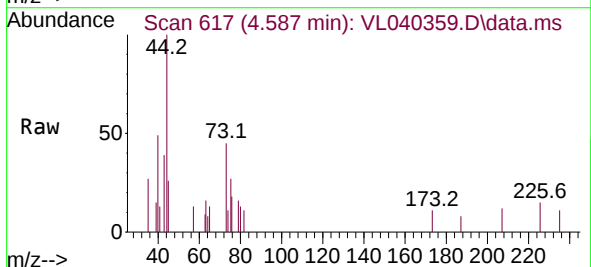
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC0.03

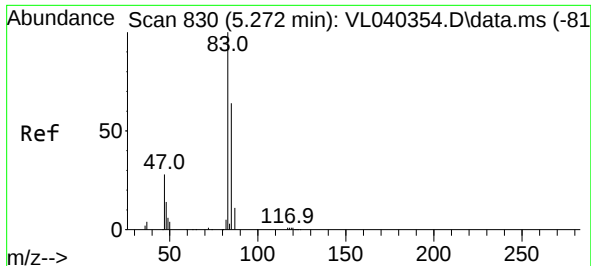
Tgt Ion: 76 Resp: 1931
Ion Ratio Lower Upper
76 100
44 265.4 14.7 22.1#
78 18.7 7.7 11.5#



#28
Methyl tert-Butyl Ether
Concen: 0.007 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 73 Resp: 705
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#





#29

Chloroform

Concen: 0.008 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

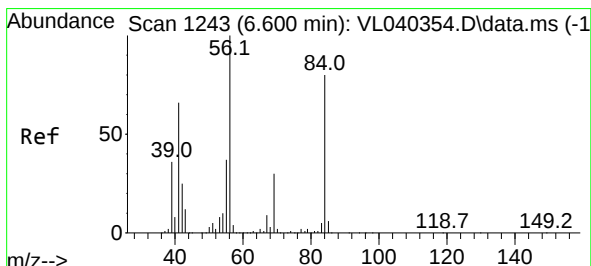
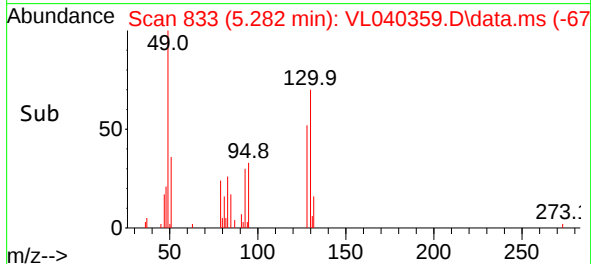
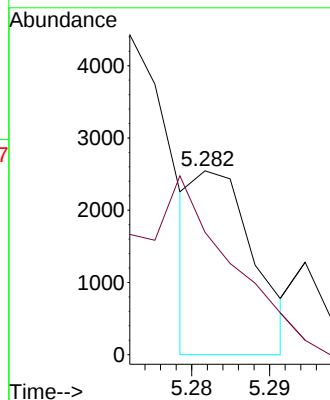
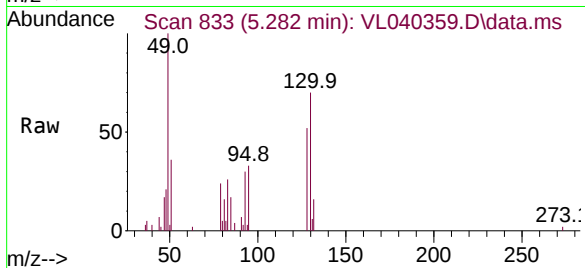
VSTDICC0.03

Tgt Ion: 83 Resp: 1350

Ion Ratio Lower Upper

83 100

85 63.1 51.0 76.4



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

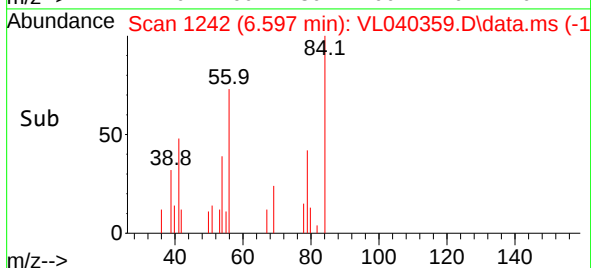
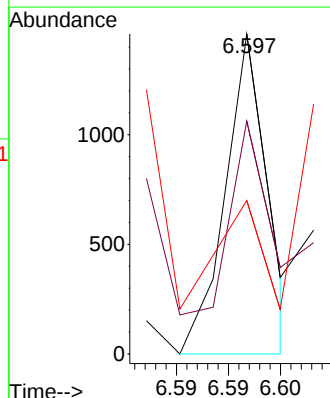
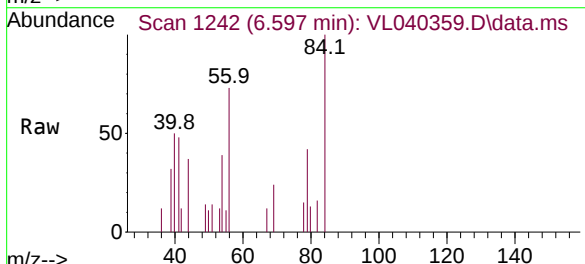
Tgt Ion: 84 Resp: 414

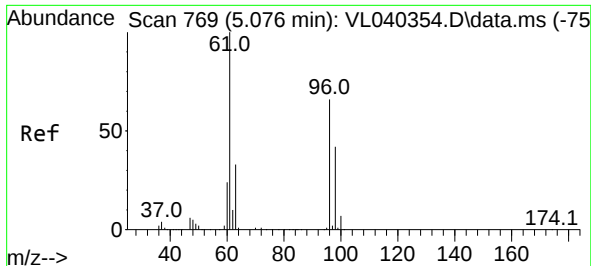
Ion Ratio Lower Upper

84 100

56 0.0 107.0 160.6#

41 0.0 66.7 100.1#

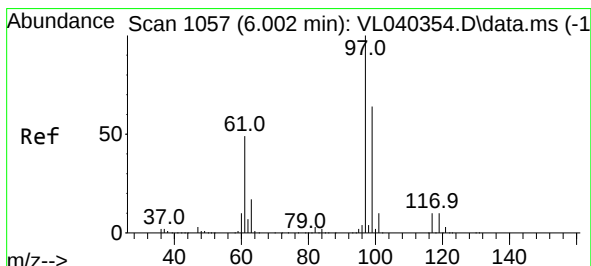
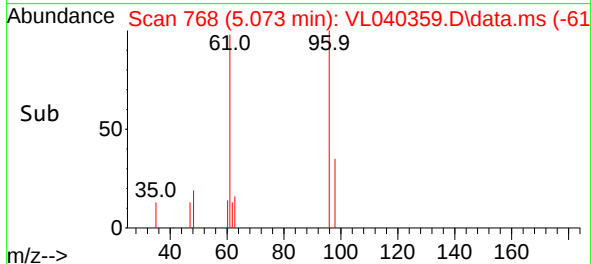
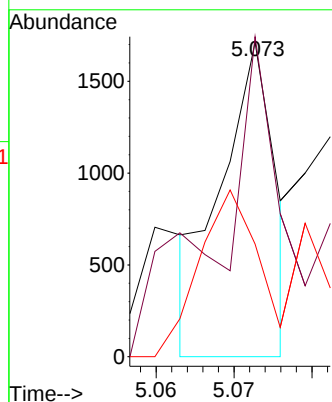
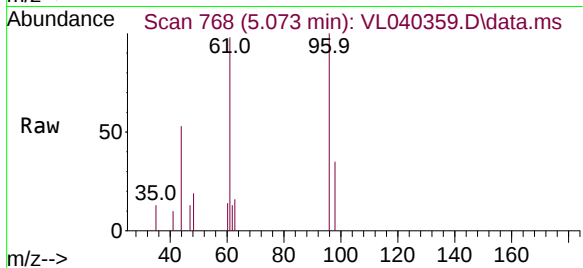




#31
 cis-1,2-Dichloroethene
 Concen: 0.009 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. -0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

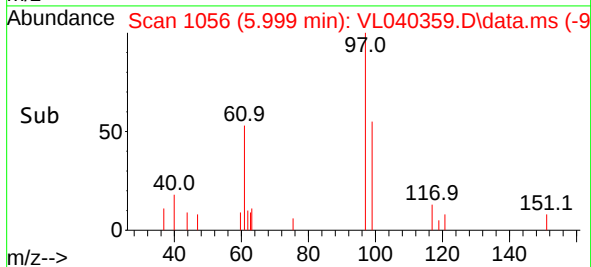
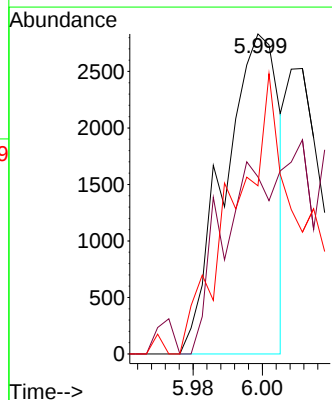
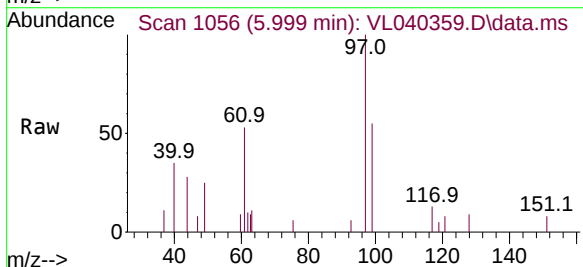
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC0.03

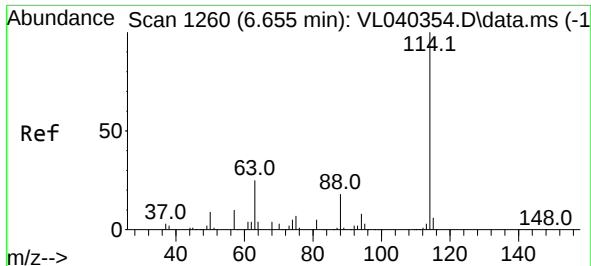
Tgt Ion: 61 Resp: 832
 Ion Ratio Lower Upper
 61 100
 96 83.7 53.0 79.4#
 98 35.6 33.8 50.8



#32
 1,1,1-Trichloroethane
 Concen: 0.019 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion: 97 Resp: 3114
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.8#
 61 113.0 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC0.03

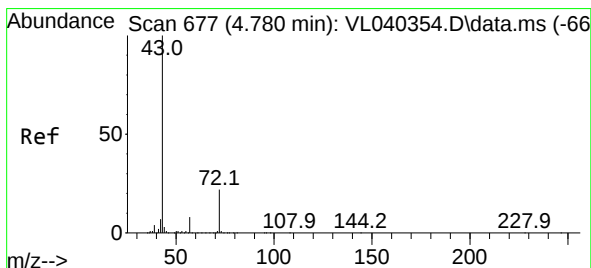
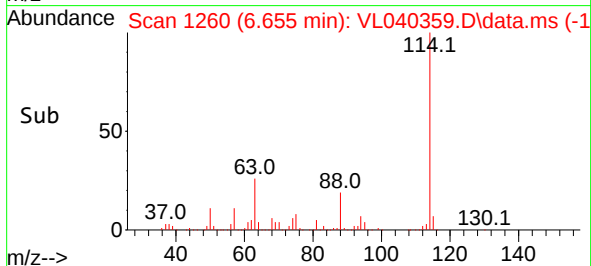
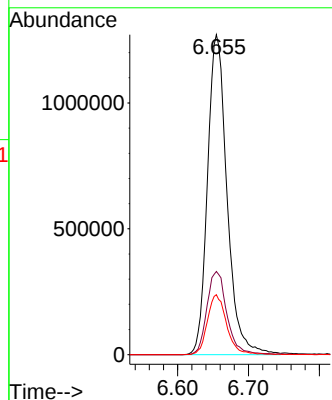
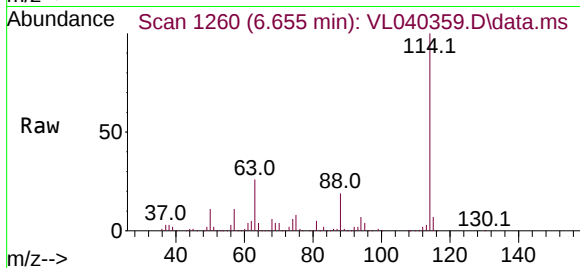
Tgt Ion:114 Resp: 2434073

Ion Ratio Lower Upper

114 100

63 26.9 21.4 32.0

88 18.7 14.6 22.0



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.003 min

Lab File: VL040359.D

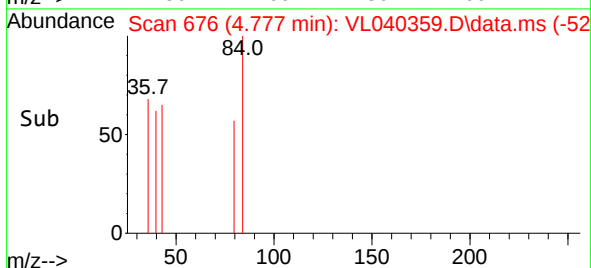
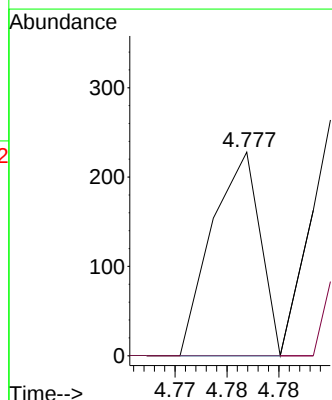
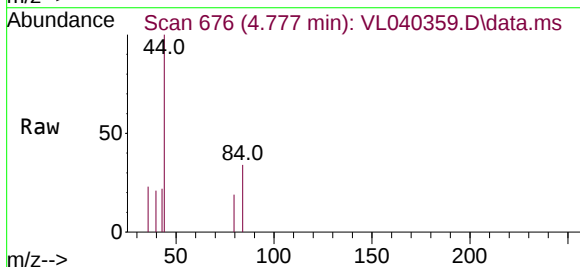
Acq: 13 Apr 2023 13:19

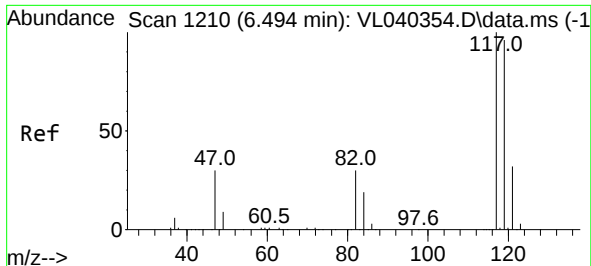
Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#

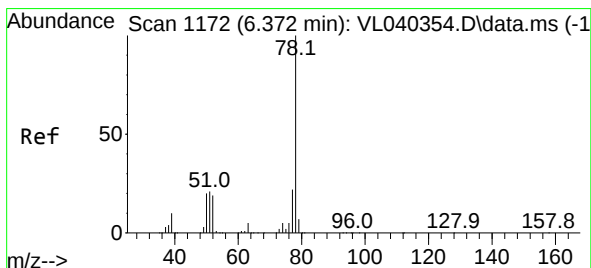
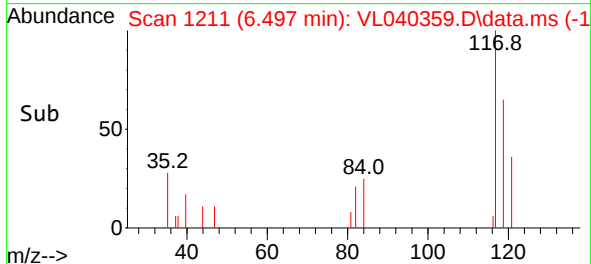
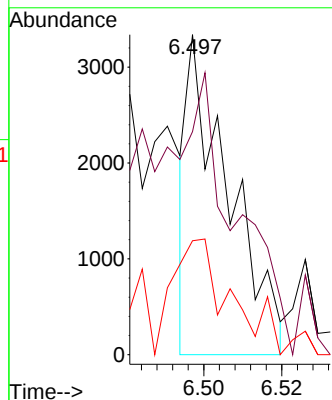
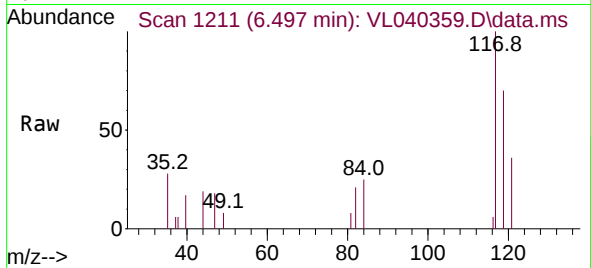




#35
Carbon Tetrachloride
Concen: 0.014 ppbv
RT: 6.497 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

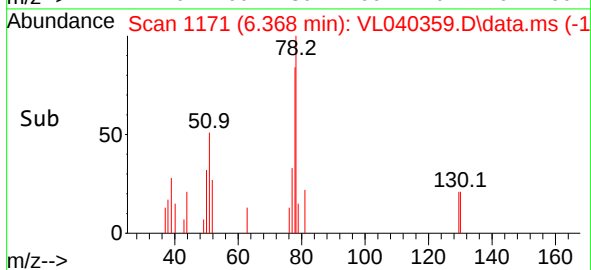
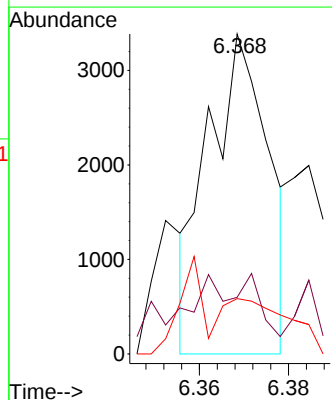
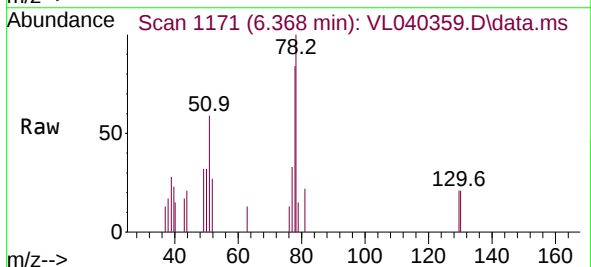
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

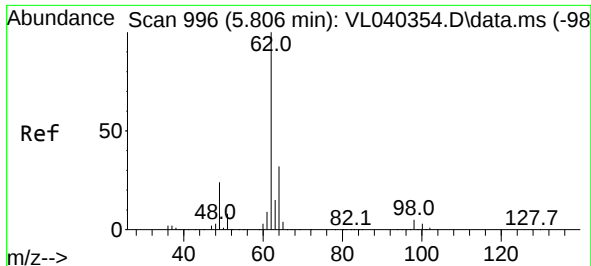
Tgt Ion:117 Resp: 2460
Ion Ratio Lower Upper
117 100
119 57.9 76.6 114.8#
121 39.7 25.3 37.9#



#36
Benzene
Concen: 0.016 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 78 Resp: 3178
Ion Ratio Lower Upper
78 100
77 5.7 17.8 26.8#
50 9.0 15.6 23.4#

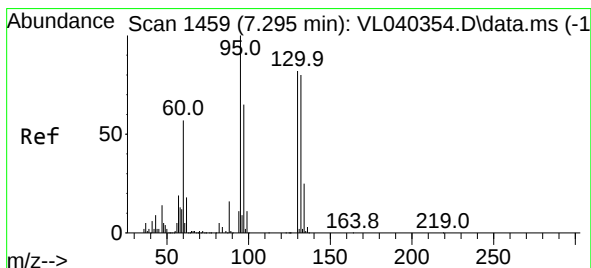
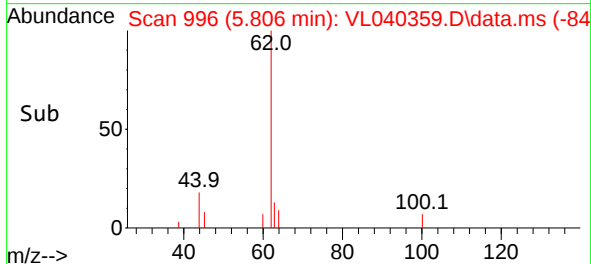
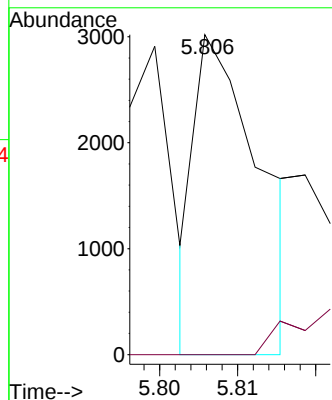
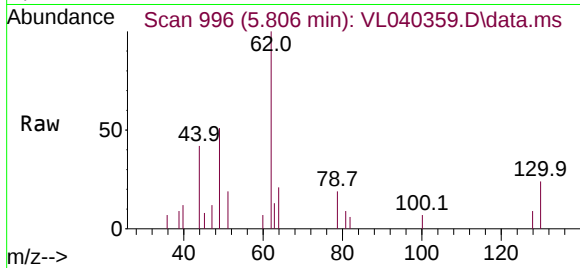




#37
1,2-Dichloroethane
Concen: 0.013 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

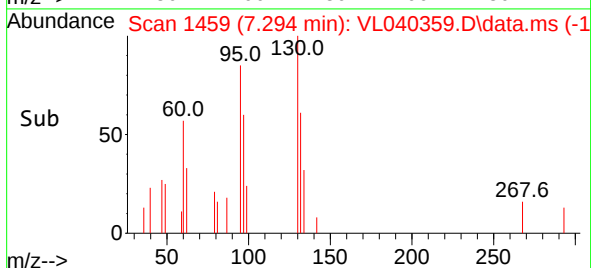
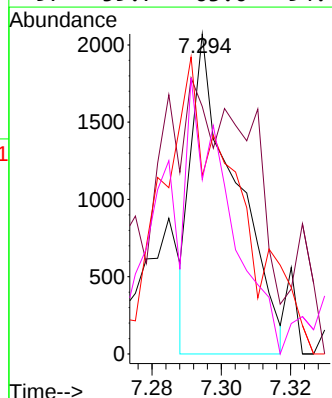
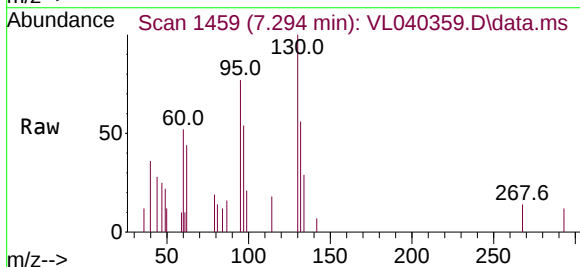
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

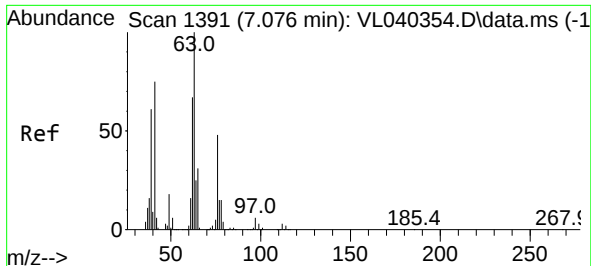
Tgt Ion: 62 Resp: 1743
Ion Ratio Lower Upper
62 100
98 0.0 4.4 6.6#



#38
Trichloroethene
Concen: 0.016 ppbv
RT: 7.294 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 130 Resp: 1827
Ion Ratio Lower Upper
130 100
95 67.7 97.4 146.0#
132 30.5 77.5 116.3#
97 59.7 63.0 94.4#





#39

1,2-Dichloropropane

Concen: 8.276 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC0.03

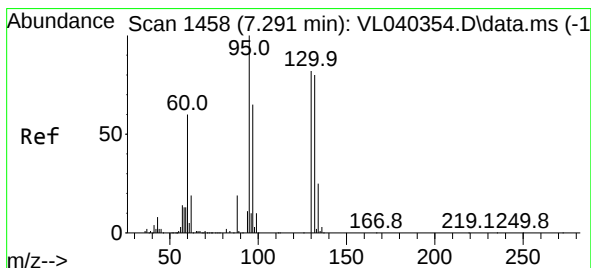
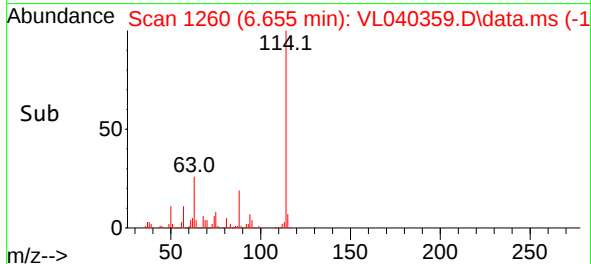
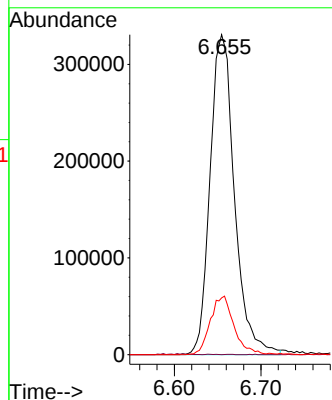
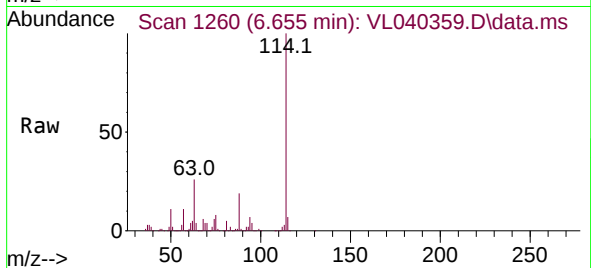
Tgt Ion: 63 Resp: 646721

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.8 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.346 min Scan# 1475

Delta R.T. 0.055 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Tgt Ion: 88 Resp: 139

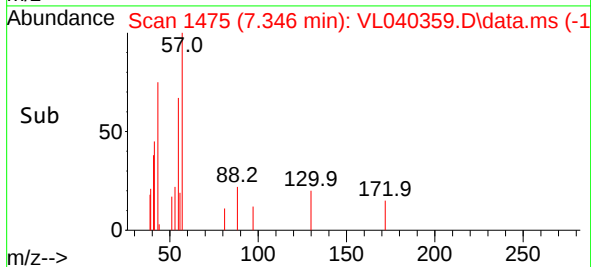
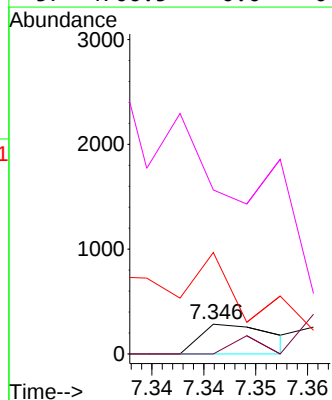
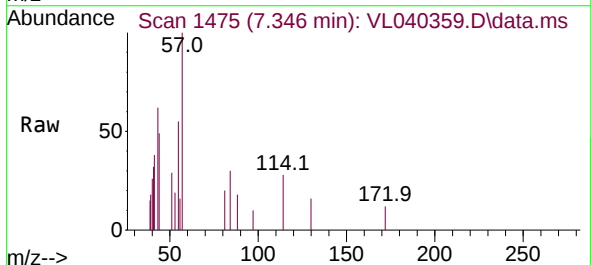
Ion Ratio Lower Upper

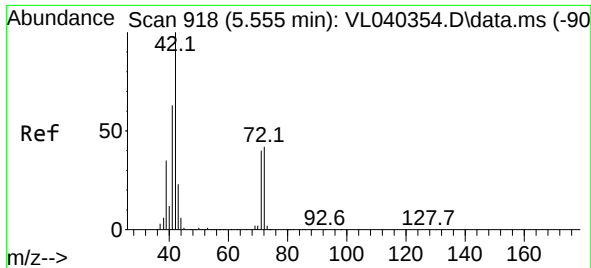
88 100

58 218.7 100.8 151.2#

43 1542.4 0.0 0.0#

57 4706.5 0.0 0.0#

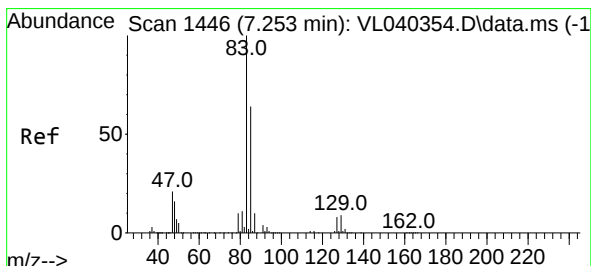
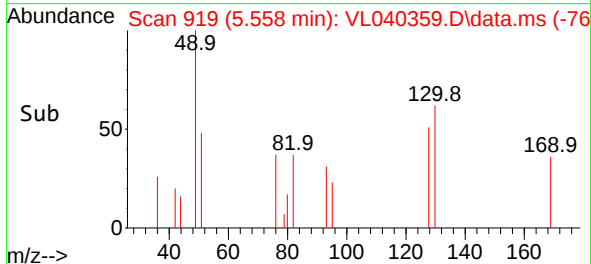
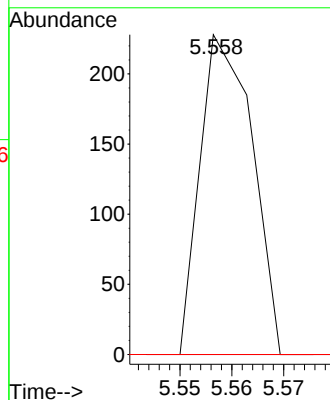
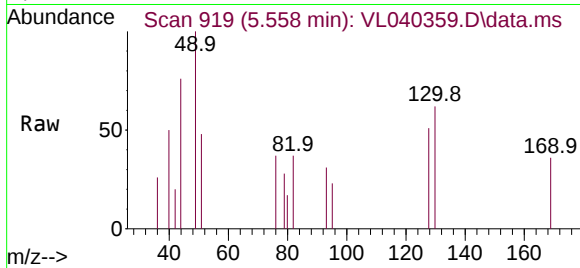




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

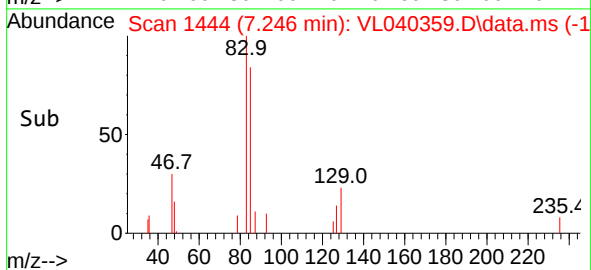
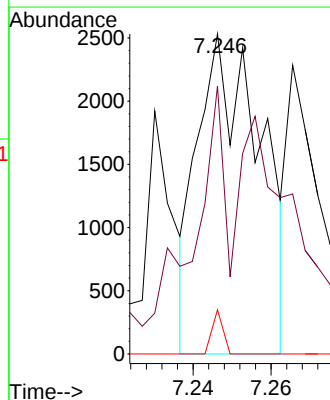
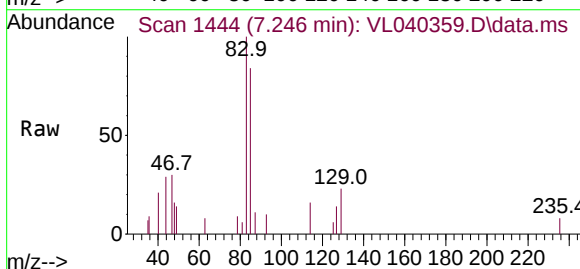
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

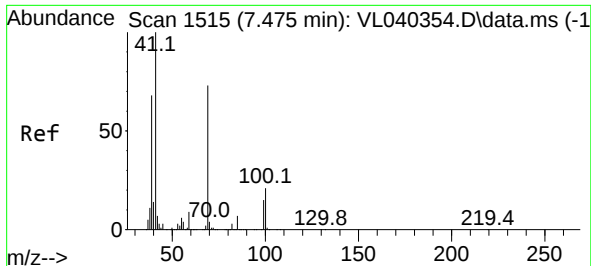
Tgt Ion: 42 Resp: 80
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 32.2 48.2#



#42
Bromodichloromethane
Concen: 0.016 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.007 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 83 Resp: 2830
Ion Ratio Lower Upper
83 100
85 89.0 50.9 76.3#
127 21.8 6.4 9.6#





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 7.478 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC0.03

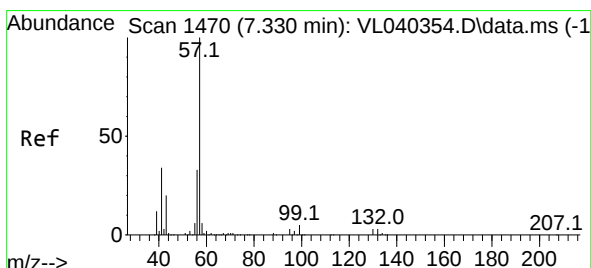
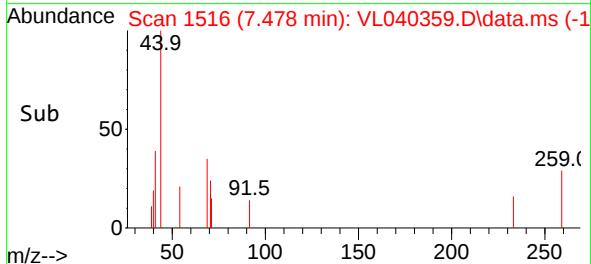
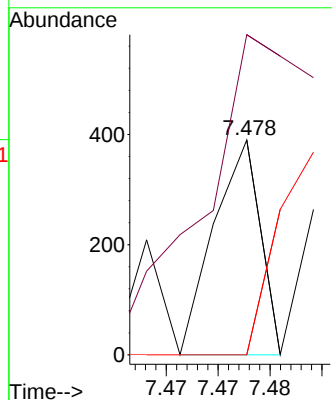
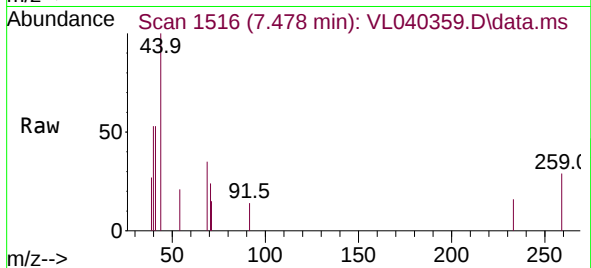
Tgt Ion: 69 Resp: 121

Ion Ratio Lower Upper

69 100

41 0.0 114.3 171.5#

100 0.0 24.5 36.7#



#44

2,2,4-Trimethylpentane

Concen: 0.005 ppbv

RT: 7.323 min Scan# 1468

Delta R.T. -0.007 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

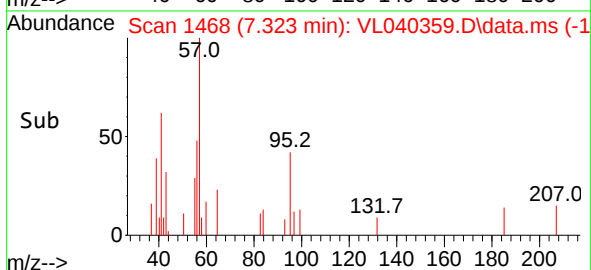
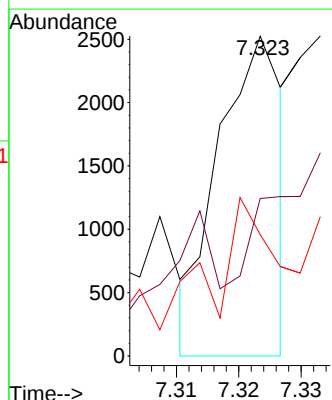
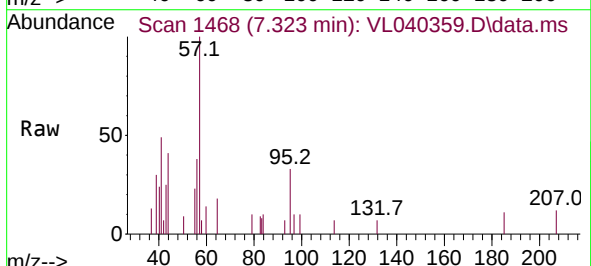
Tgt Ion: 57 Resp: 1799

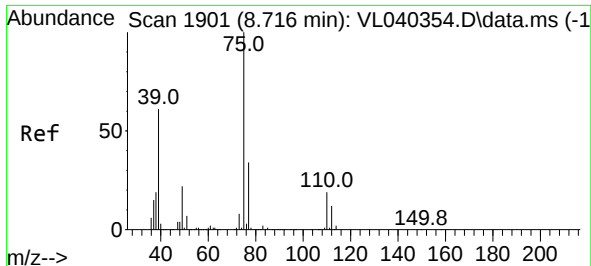
Ion Ratio Lower Upper

57 100

41 0.0 26.9 40.3#

56 0.0 25.1 37.7#

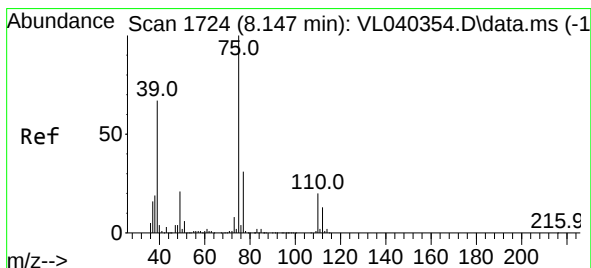
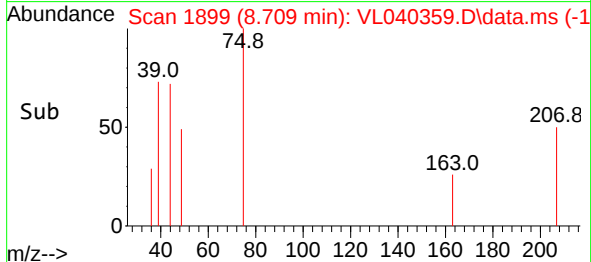
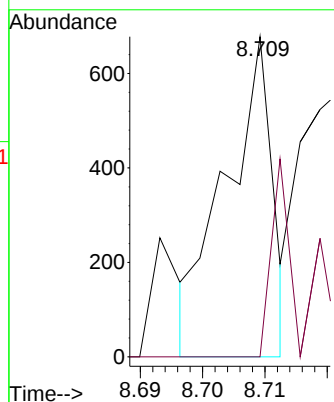
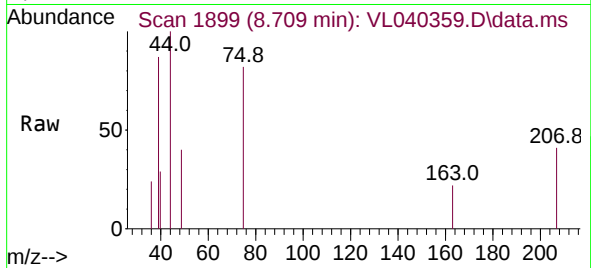




#45
 t-1,3-Dichloropropene
 Concen: 0.005 ppbv
 RT: 8.709 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

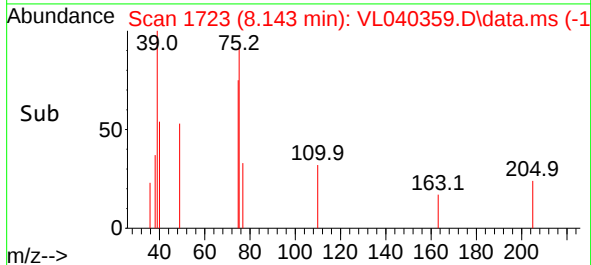
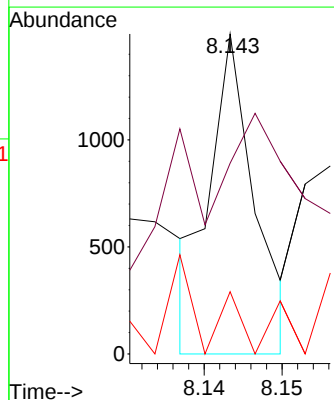
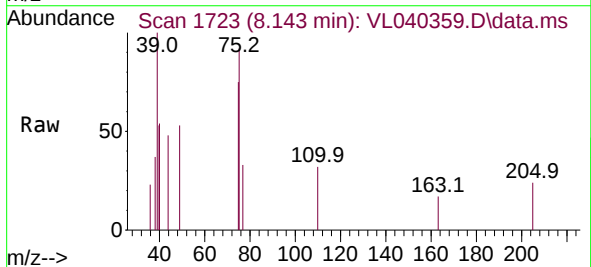
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC0.03

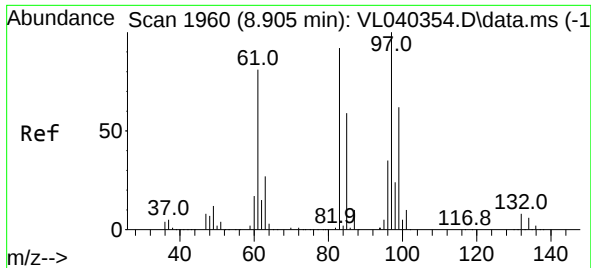
Tgt Ion: 75 Resp: 355
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.8 40.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.006 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. -0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion: 75 Resp: 594
 Ion Ratio Lower Upper
 75 100
 39 0.0 53.4 80.2#
 77 3.7 24.7 37.1#

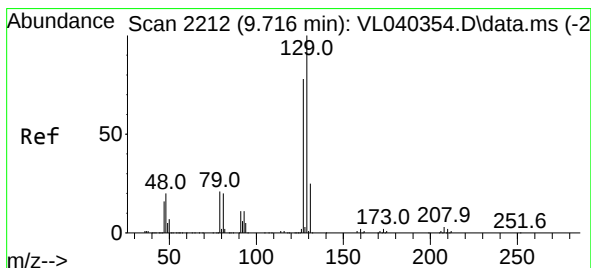
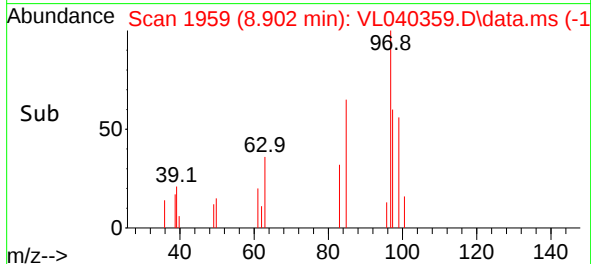
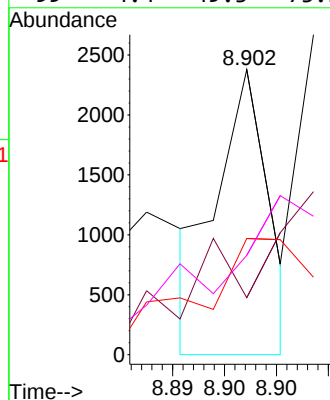
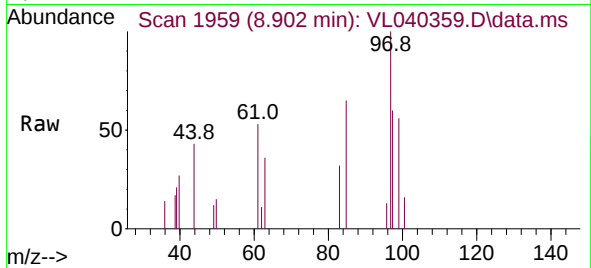




#47
1,1,2-Trichloroethane
Concen: 0.010 ppbv
RT: 8.902 min Scan# 1960
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

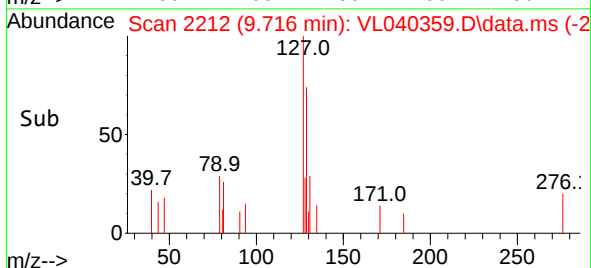
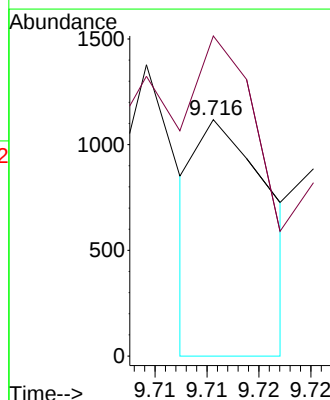
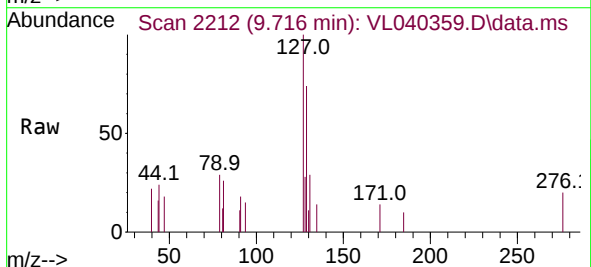
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

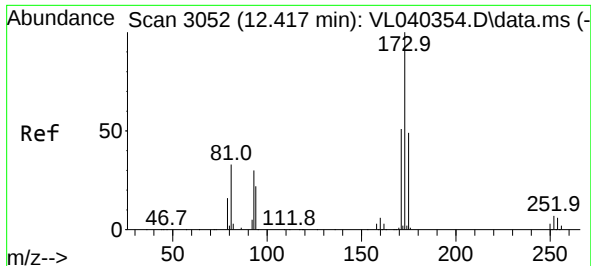
Tgt Ion:	97	Resp:	821
Ion	Ratio	Lower	Upper
97	100		
83	10.9	73.3	109.9#
85	30.5	46.9	70.3#
99	4.4	49.3	73.9#



#48
Dibromochloromethane
Concen: 0.004 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion:	129	Resp:	536
Ion	Ratio	Lower	Upper
129	100		
127	473.5	39.2	117.6#

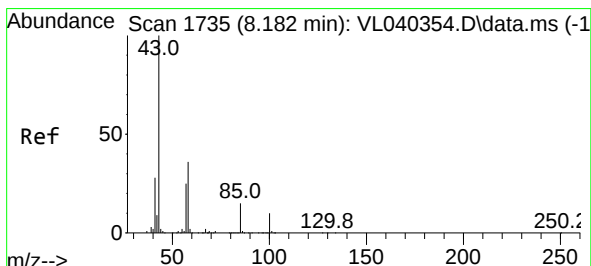
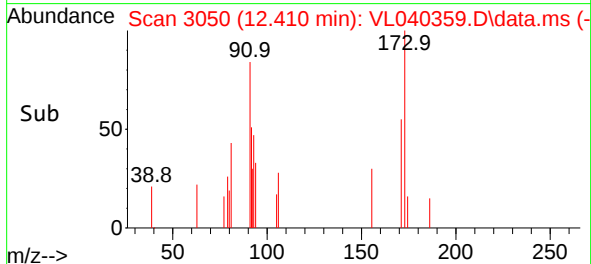
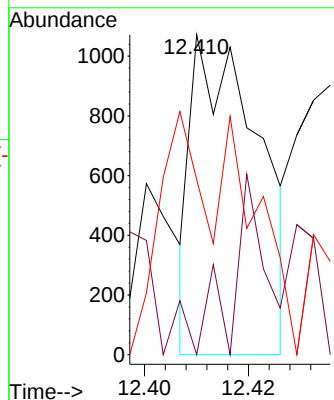
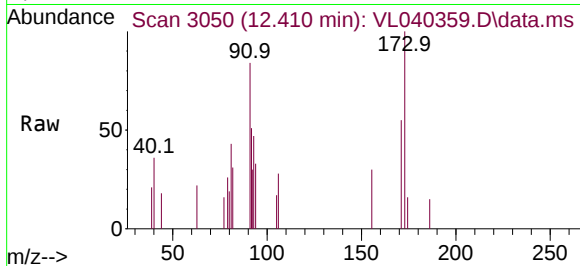




#49
Bromoform
Concen: 0.009 ppbv
RT: 12.410 min Scan# 3050
Delta R.T. -0.007 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

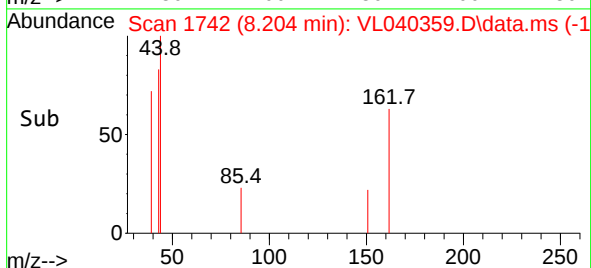
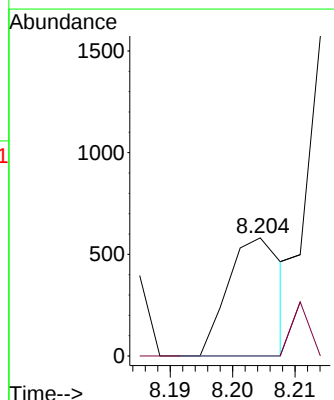
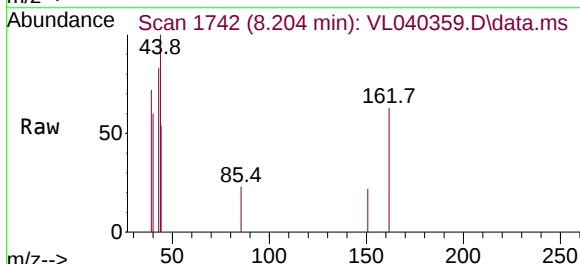
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

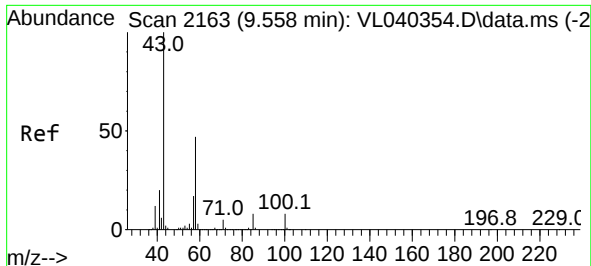
Tgt Ion:173 Resp: 956
Ion Ratio Lower Upper
173 100
175 0.0 39.8 59.8#
171 121.5 42.2 63.2#



#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 8.204 min Scan# 1742
Delta R.T. 0.022 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 43 Resp: 350
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

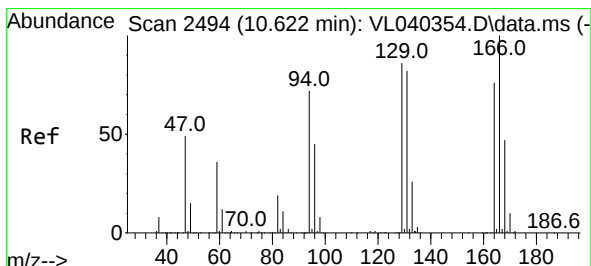
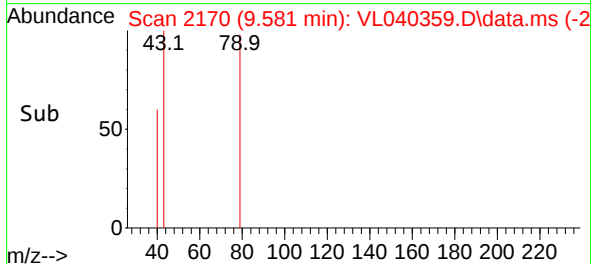
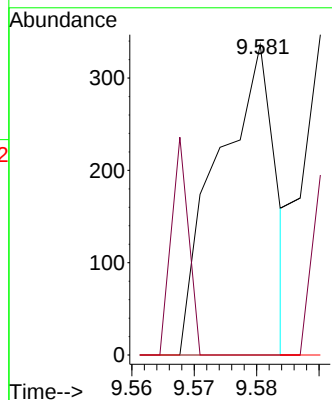
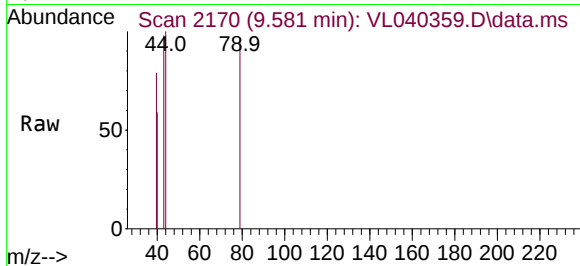




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.581 min Scan# 2163
Delta R.T. 0.022 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

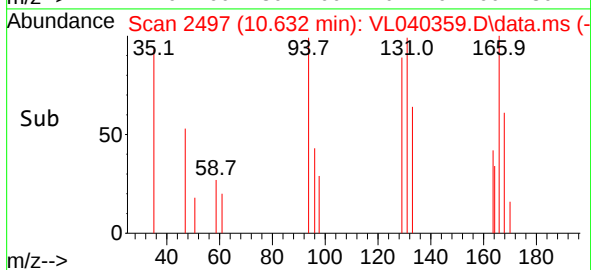
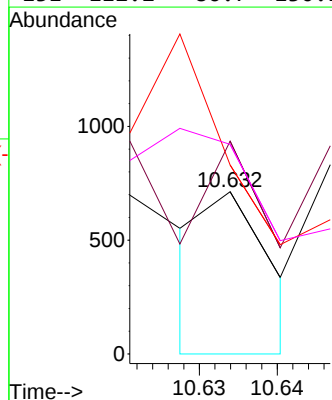
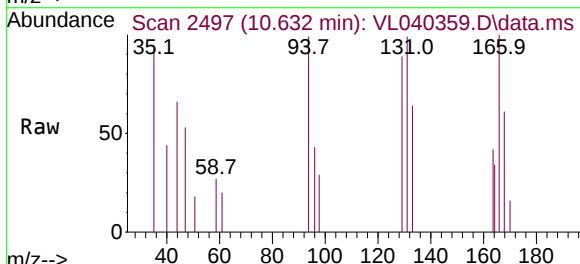
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

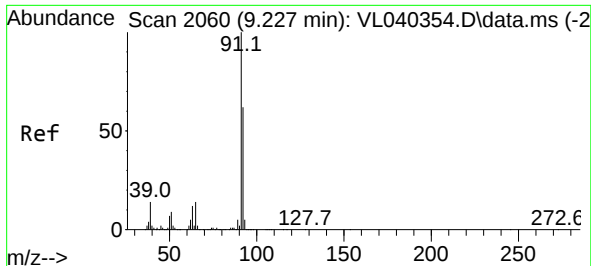
Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 21.2 38.3 57.5#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.003 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 164 Resp: 202
Ion Ratio Lower Upper
164 100
166 124.4 105.2 157.8
129 92.8 90.3 135.5
131 112.2 86.7 130.1

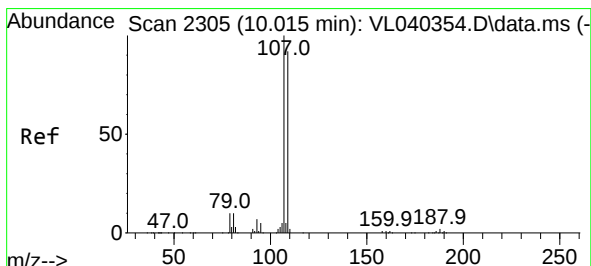
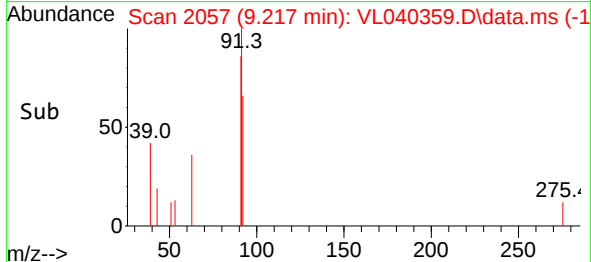
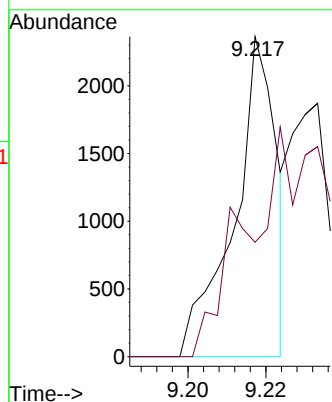
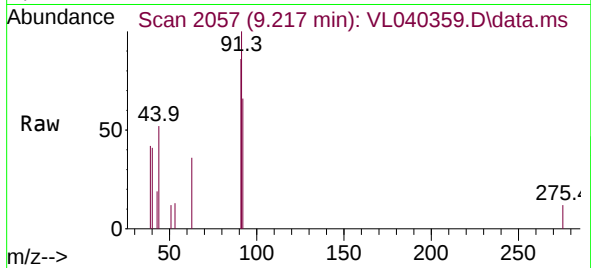




#53
Toluene
Concen: 0.008 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

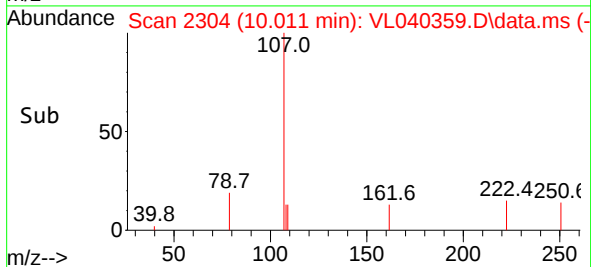
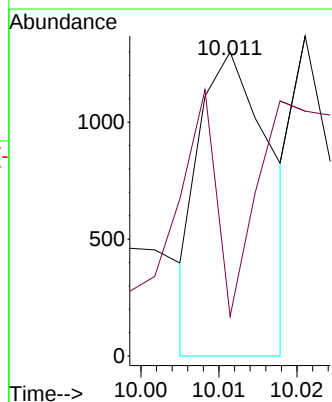
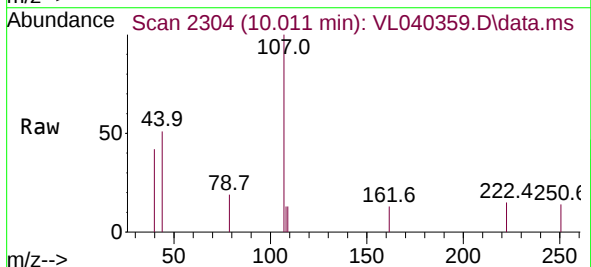
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

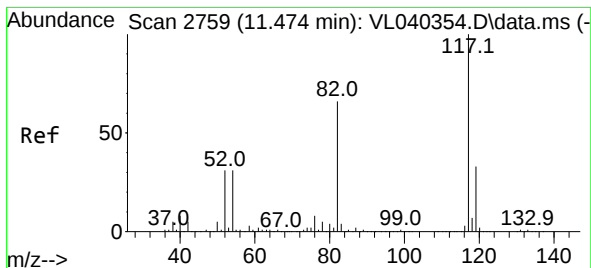
Tgt Ion: 91 Resp: 1778
Ion Ratio Lower Upper
91 100
92 162.1 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.009 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 107 Resp: 820
Ion Ratio Lower Upper
107 100
109 0.0 73.6 110.4#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC0.03

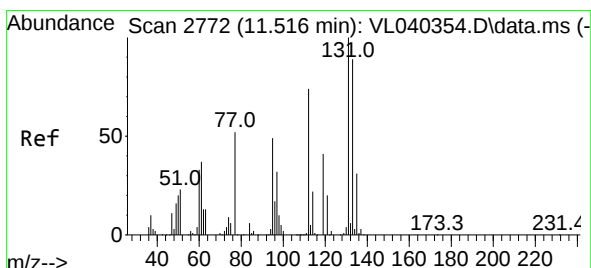
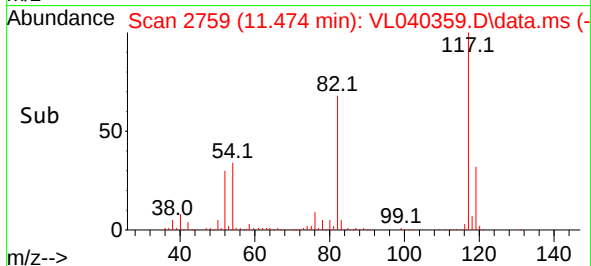
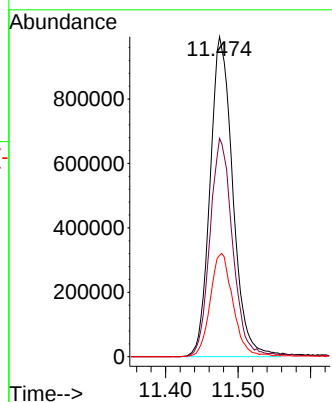
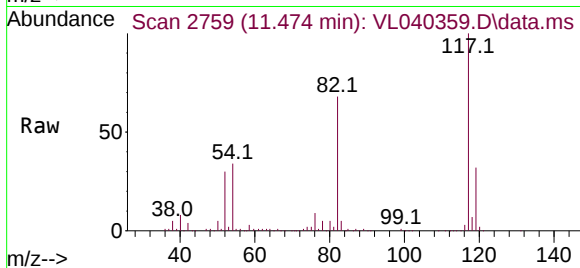
Tgt Ion:117 Resp: 2163605

Ion Ratio Lower Upper

117 100

82 69.3 52.5 78.7

119 32.8 24.3 36.5



#56

1,1,1,2-Tetrachloroethane

Concen: 0.022 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. -0.007 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

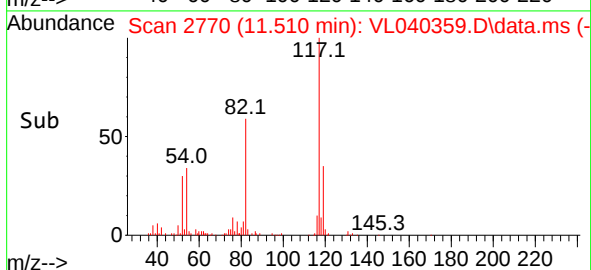
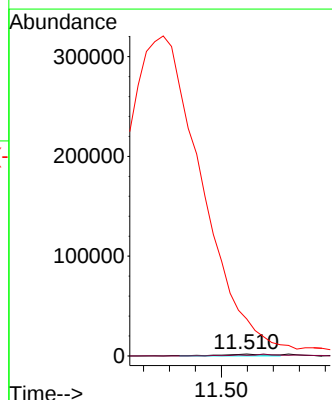
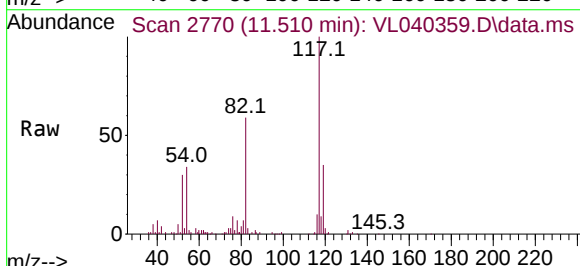
Tgt Ion:131 Resp: 2211

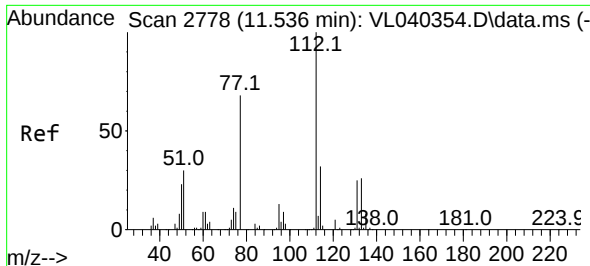
Ion Ratio Lower Upper

131 100

133 105.2 75.3 112.9

119 0.0 53.9 80.9#

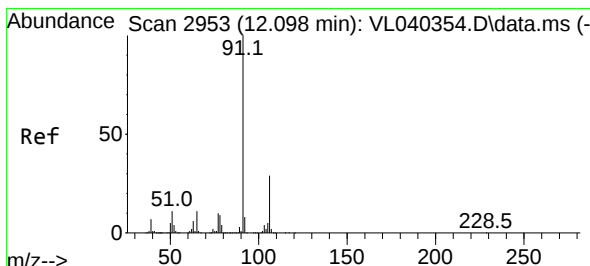
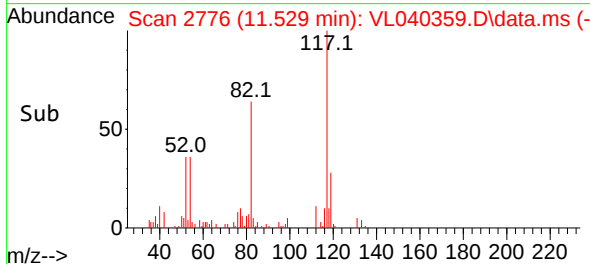
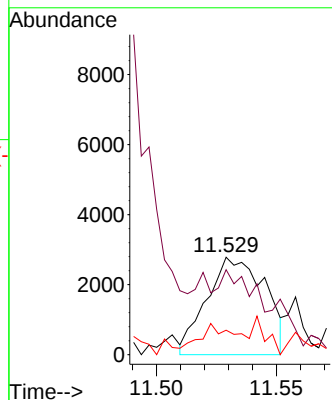
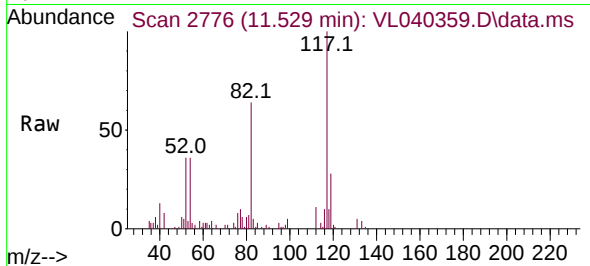




#57
Chlorobenzene
Concen: 0.028 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

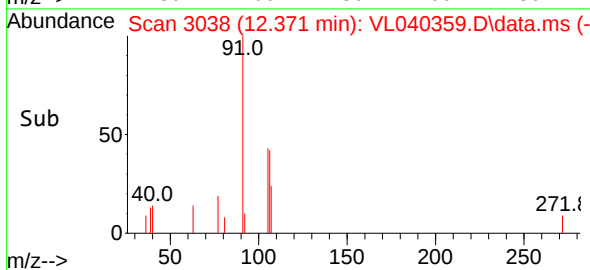
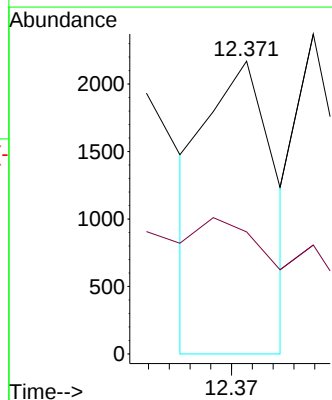
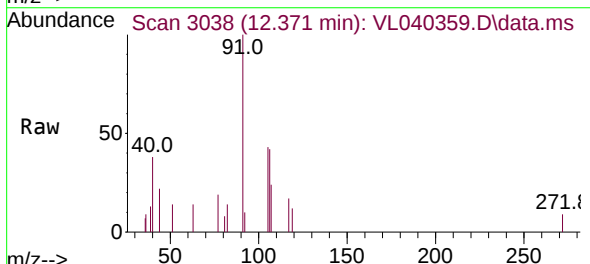
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC0.03

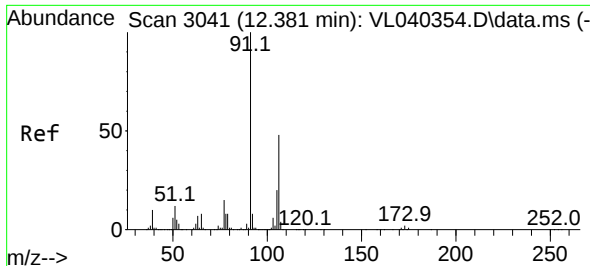
Tgt Ion:112 Resp: 4689
Ion Ratio Lower Upper
112 100
77 33.5 55.8 83.8#
114 28.0 29.1 35.5#



#58
Ethyl Benzene
Concen: 0.004 ppbv
RT: 12.371 min Scan# 3038
Delta R.T. 0.273 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 91 Resp: 1003
Ion Ratio Lower Upper
91 100
106 30.0 23.5 35.3





#59

m/p-Xylene

Concen: 0.003 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. 0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

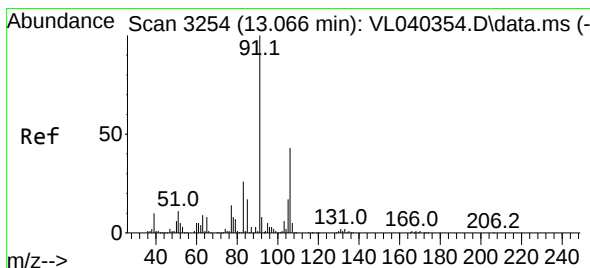
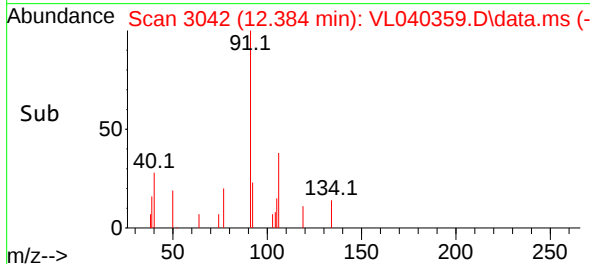
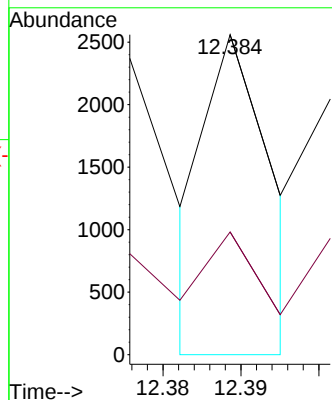
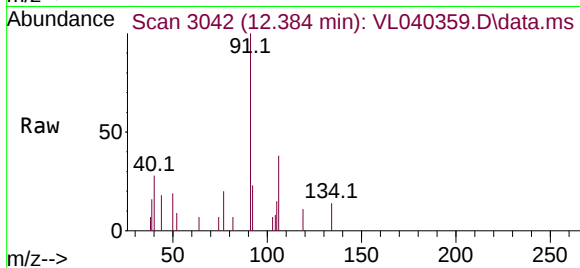
VSTDIC0.03

Tgt Ion: 91 Resp: 740

Ion Ratio Lower Upper

91 100

106 0.0 34.7 52.1#



#60

o-Xylene

Concen: 0.004 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.000 min

Lab File: VL040359.D

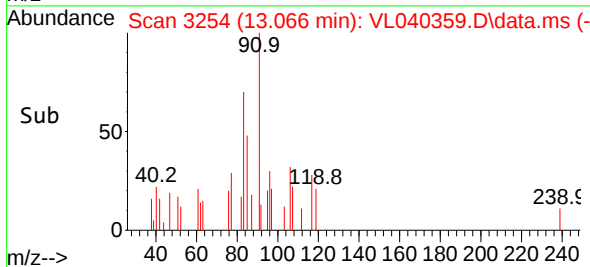
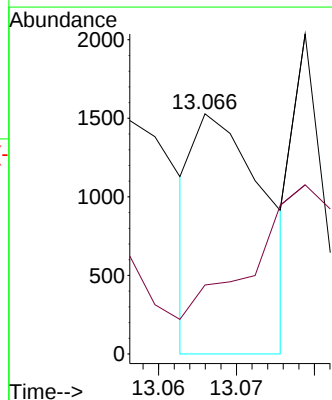
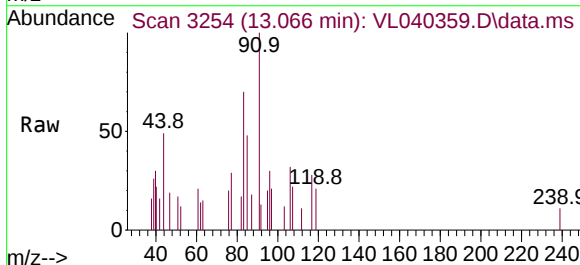
Acq: 13 Apr 2023 13:19

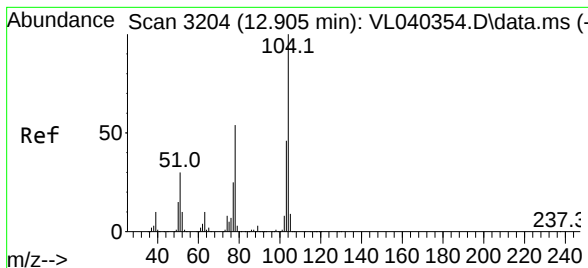
Tgt Ion: 91 Resp: 955

Ion Ratio Lower Upper

91 100

106 0.0 21.9 65.8#





#61

Styrene

Concen: 0.004 ppbv

RT: 12.908 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC0.03

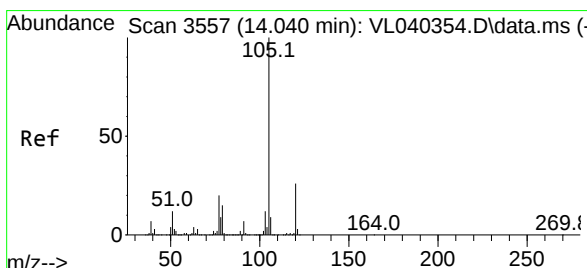
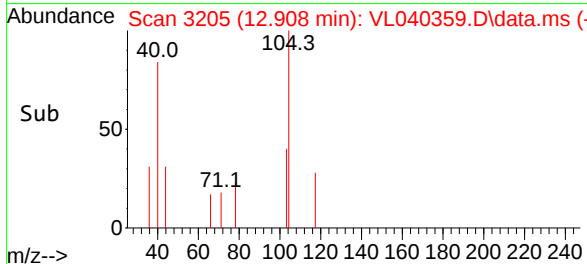
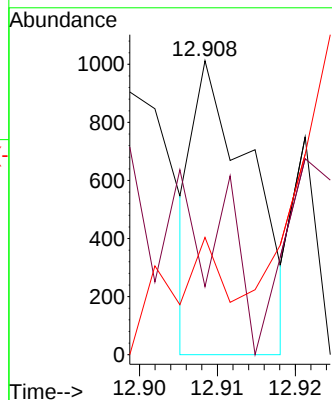
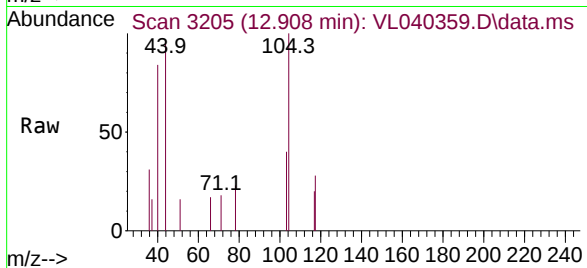
Tgt Ion:104 Resp: 520

Ion Ratio Lower Upper

104 100

78 0.0 43.4 65.0#

103 0.0 37.0 55.4#



#62

Isopropylbenzene

Concen: 0.001 ppbv

RT: 13.822 min Scan# 3489

Delta R.T. -0.219 min

Lab File: VL040359.D

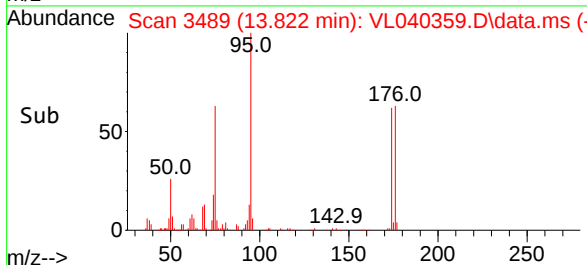
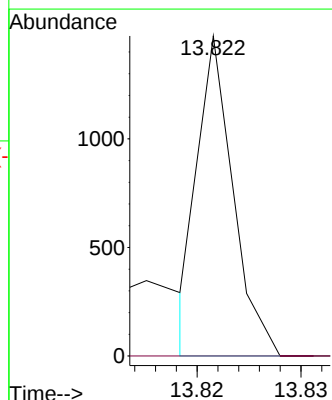
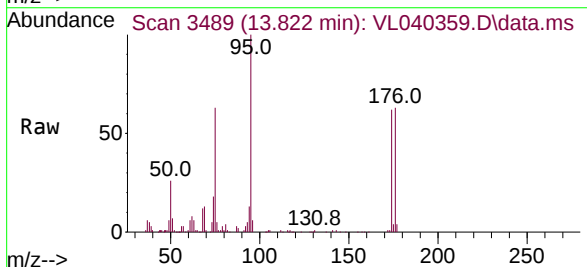
Acq: 13 Apr 2023 13:19

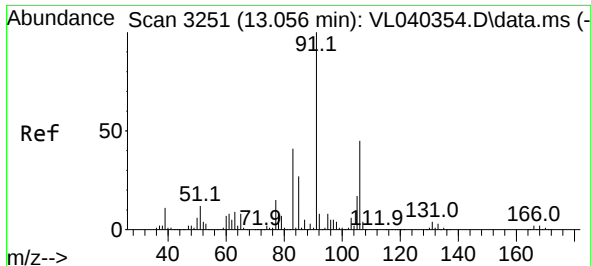
Tgt Ion:105 Resp: 340

Ion Ratio Lower Upper

105 100

120 23.5 19.9 29.9

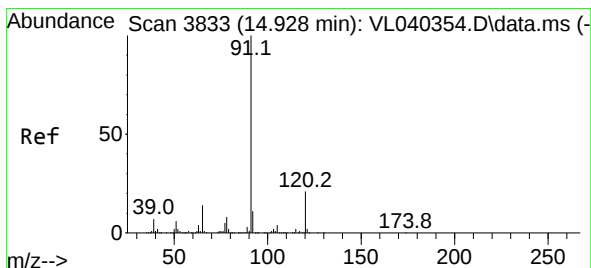
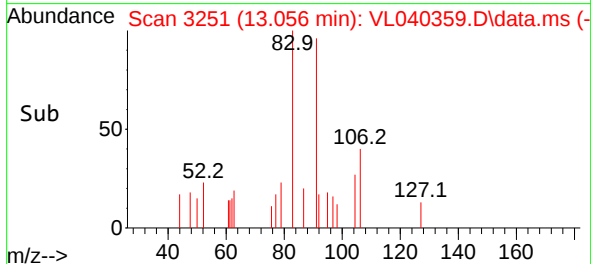
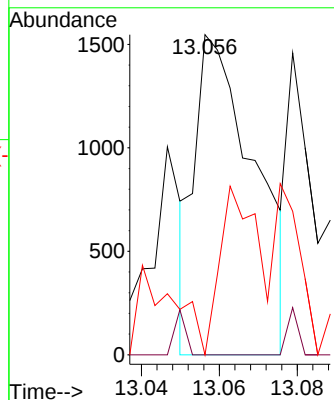
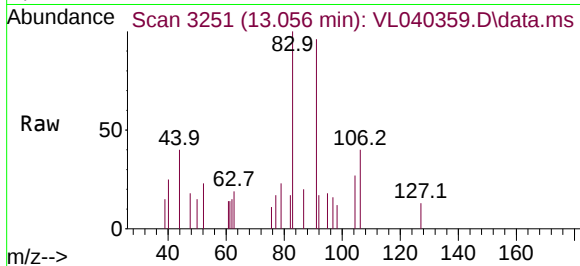




#63
1,1,2,2-Tetrachloroethane
Concen: 0.019 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

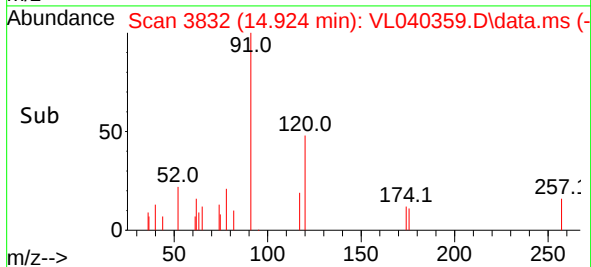
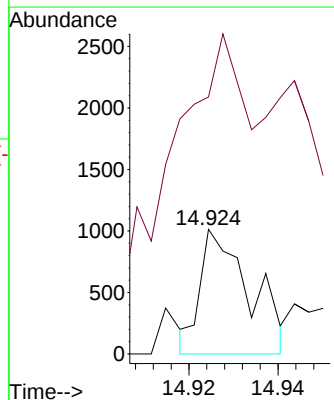
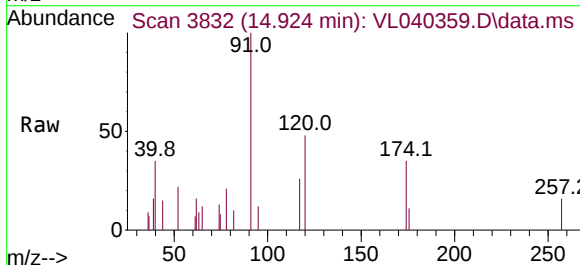
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

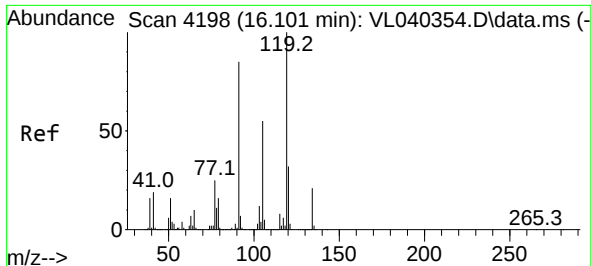
Tgt Ion: 83 Resp: 1641
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 0.0 32.9 98.6#



#64
n-propylbenzene
Concen: 0.009 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 120 Resp: 780
Ion Ratio Lower Upper
120 100
91 884.5 397.4 596.0#

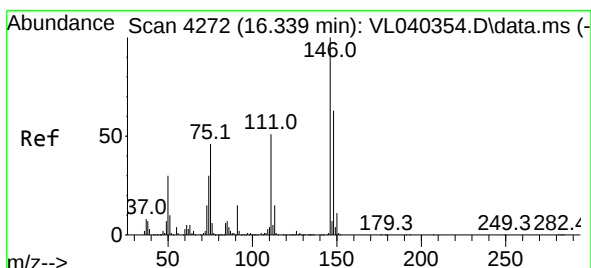
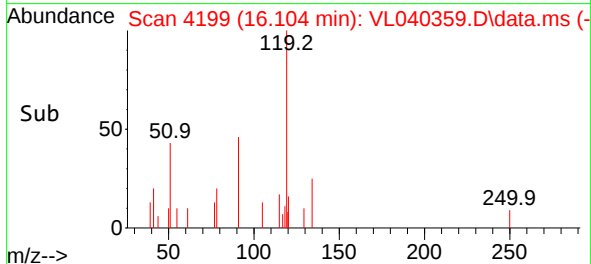
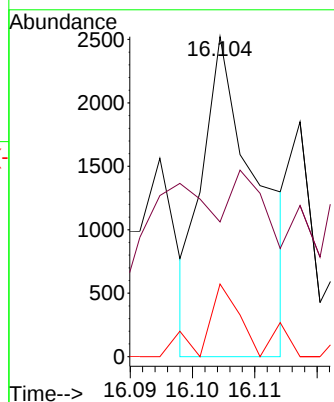
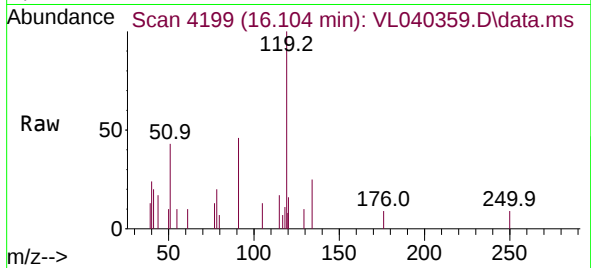




#65
tert-Butylbenzene
Concen: 0.005 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

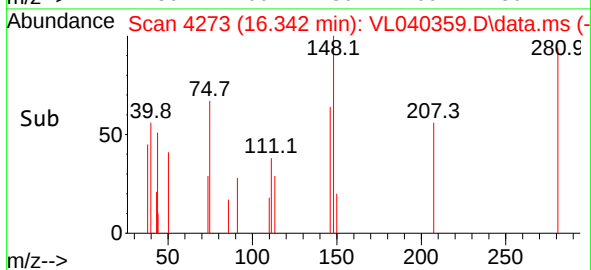
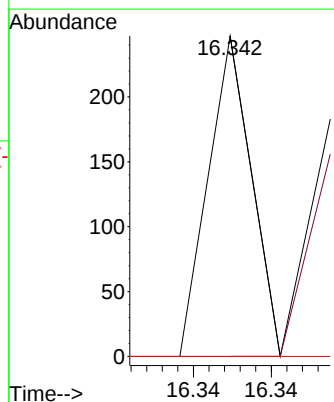
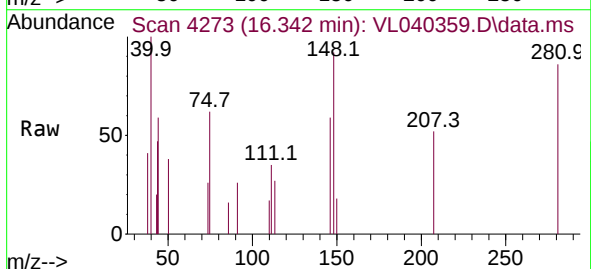
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

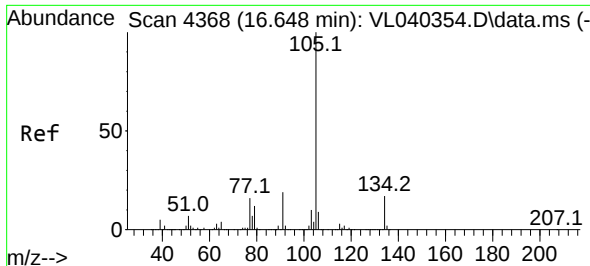
Tgt Ion:119 Resp: 1555
Ion Ratio Lower Upper
119 100
91 0.0 70.1 105.1#
134 0.0 15.6 23.4#



#66
Benzyl Chloride
Concen: 0.003 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
126 0.0 12.3 18.5#
128 0.0 4.1 6.1#

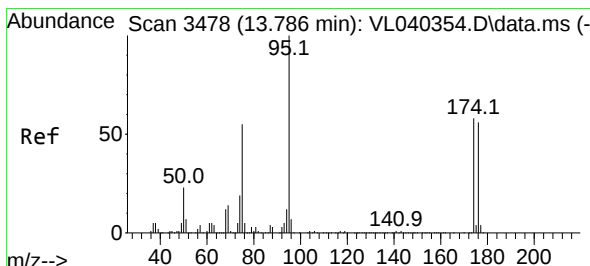
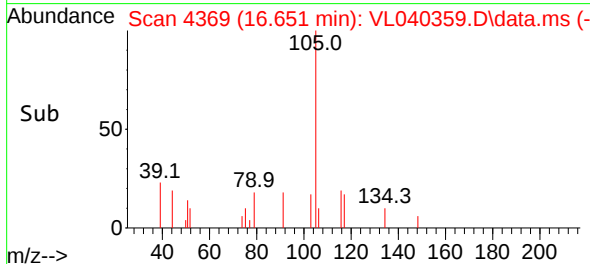
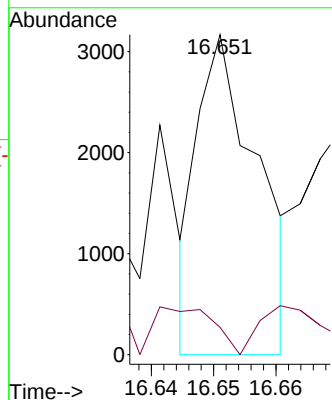
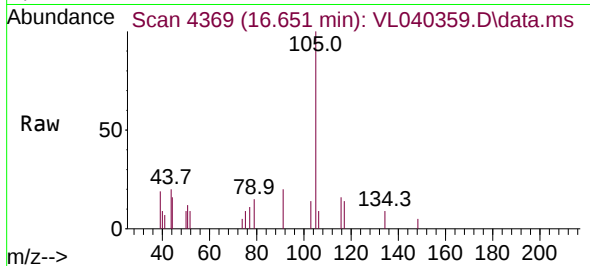




#67
 sec-Butylbenzene
 Concen: 0.005 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

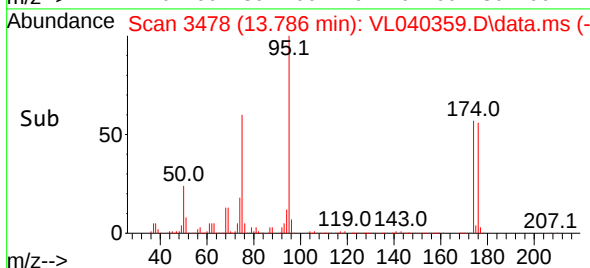
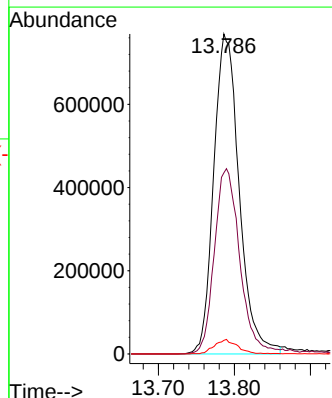
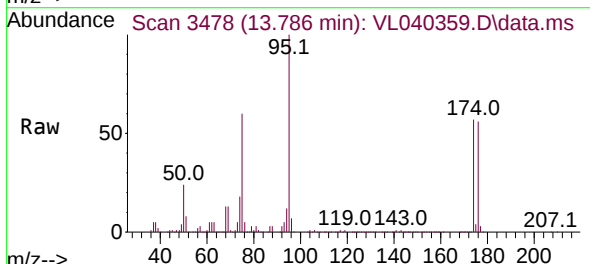
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC0.03

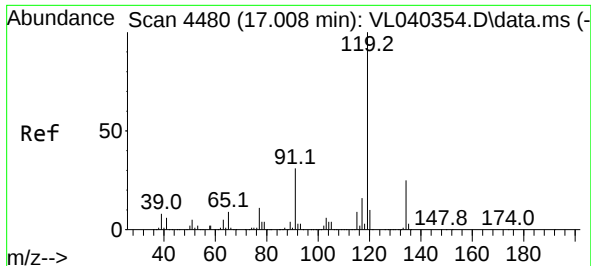
Tgt Ion:105 Resp: 2127
 Ion Ratio Lower Upper
 105 100
 134 0.0 13.8 20.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.006 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: VL040359.D
 Acq: 13 Apr 2023 13:19

Tgt Ion: 95 Resp: 1790141
 Ion Ratio Lower Upper
 95 100
 174 59.8 47.2 70.8
 175 4.1 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.004 ppbv

RT: 17.005 min Scan# 4480

Delta R.T. -0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC0.03

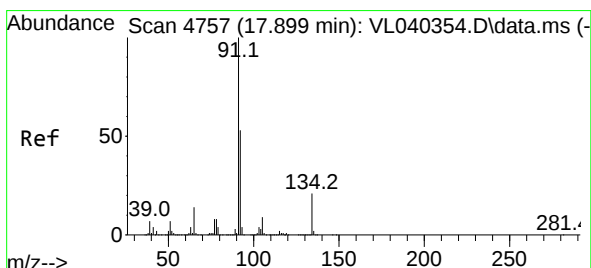
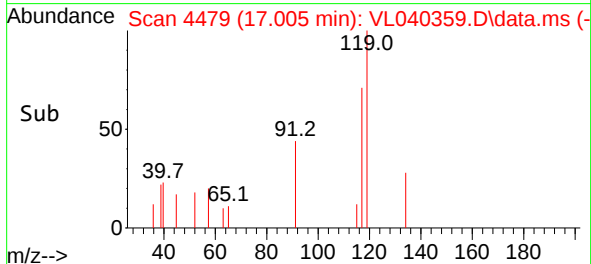
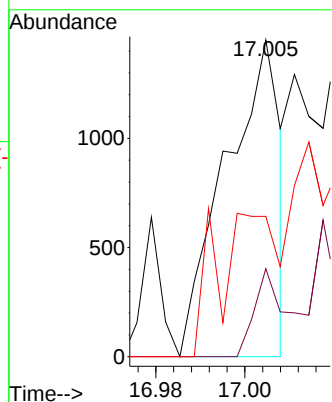
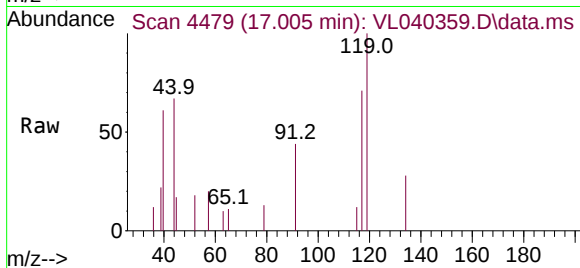
Tgt Ion:119 Resp: 1241

Ion Ratio Lower Upper

119 100

134 0.0 20.2 30.4#

91 0.0 25.7 38.5#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.003 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

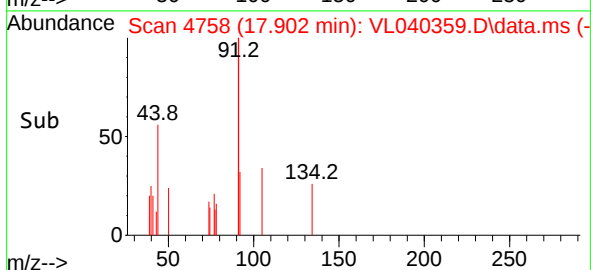
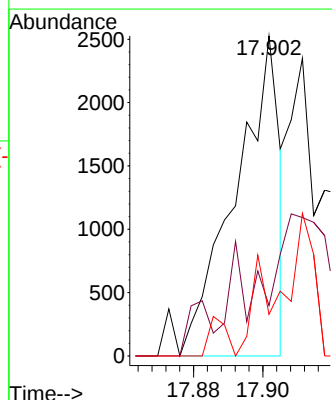
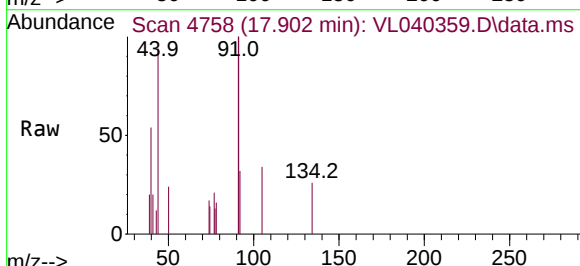
Tgt Ion: 91 Resp: 2230

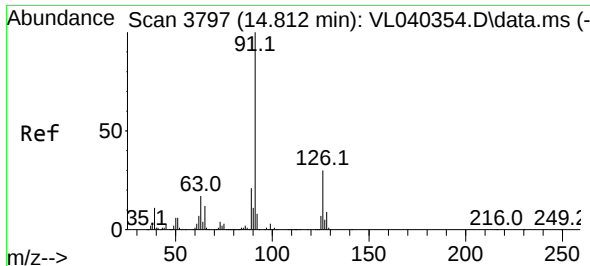
Ion Ratio Lower Upper

91 100

92 0.0 43.0 64.4#

134 0.0 16.6 25.0#

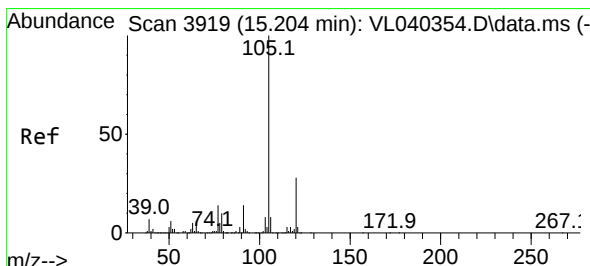
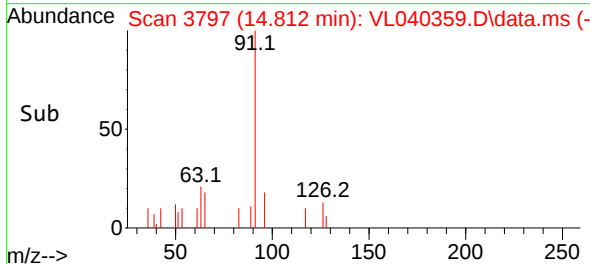
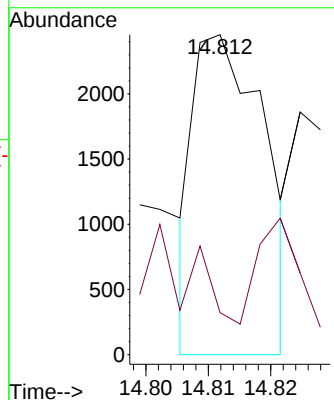
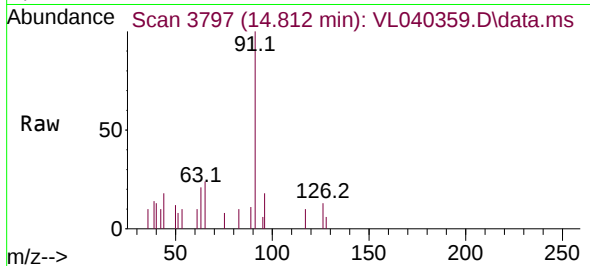




#71
2-Chlorotoluene
Concen: 0.007 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

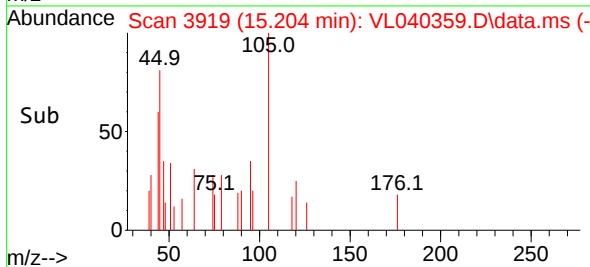
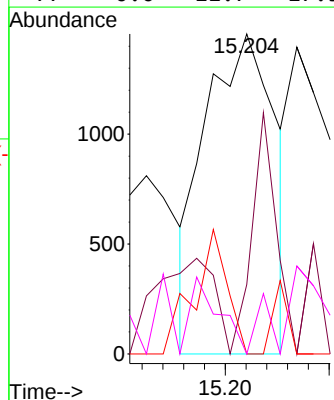
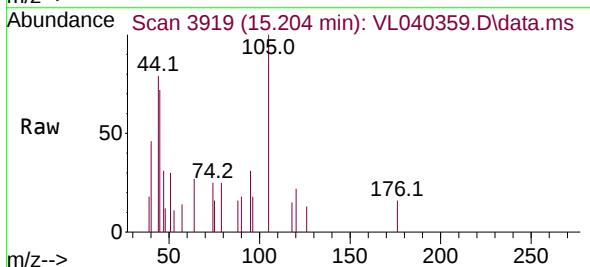
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

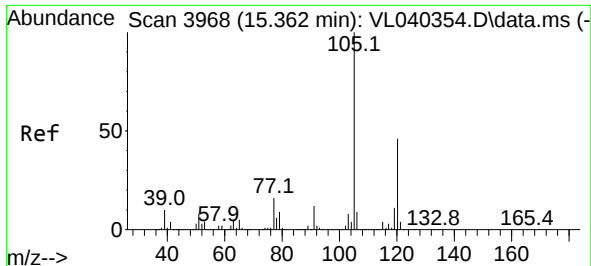
Tgt Ion: 91 Resp: 1941
Ion Ratio Lower Upper
91 100
126 0.0 11.8 47.4#



#72
4-Ethyltoluene
Concen: 0.005 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion: 105 Resp: 1362
Ion Ratio Lower Upper
105 100
120 55.4 23.0 34.6#
91 18.5 11.3 16.9#
77 0.0 11.7 17.5#

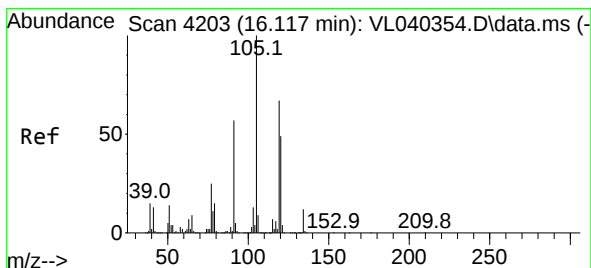
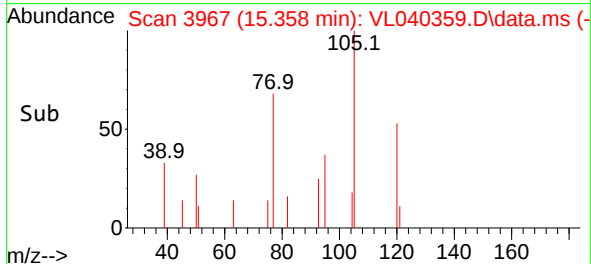
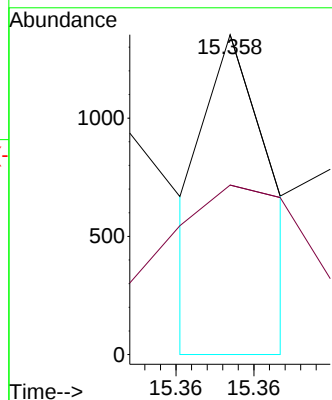
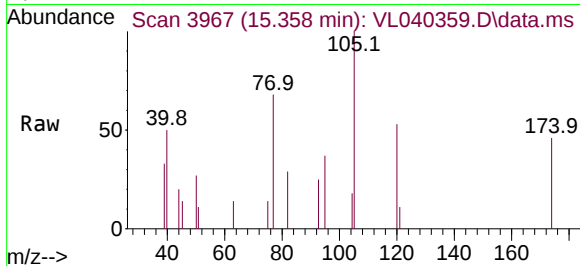




#73
1,3,5-Trimethylbenzene
Concen: 0.002 ppbv
RT: 15.358 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

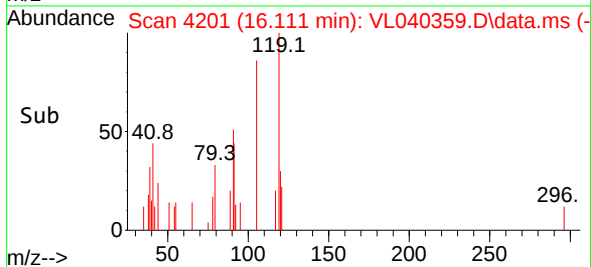
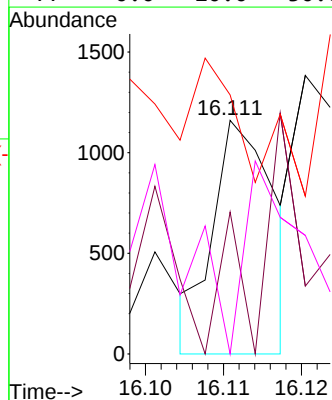
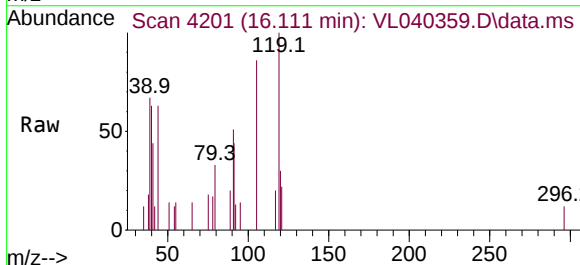
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

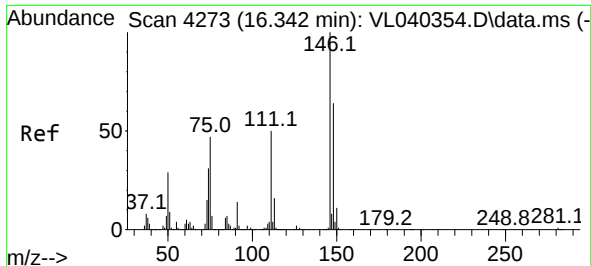
Tgt Ion:105 Resp: 390
Ion Ratio Lower Upper
105 100
120 25.1 36.9 55.3#



#74
1,2,4-Trimethylbenzene
Concen: 0.002 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.007 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion:105 Resp: 632
Ion Ratio Lower Upper
105 100
120 38.7 38.9 58.3#
91 26.1 46.0 69.0#
77 0.0 20.0 30.0#

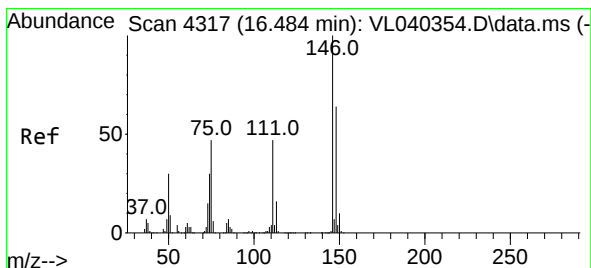
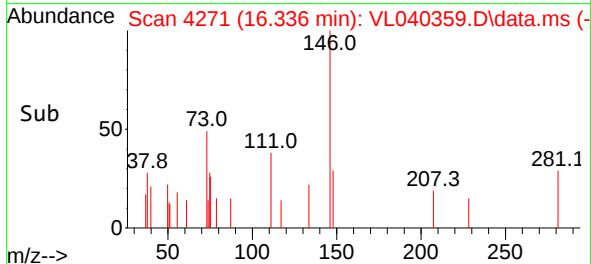
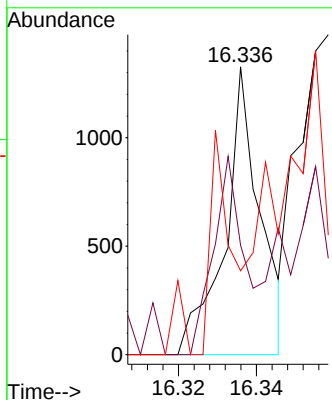
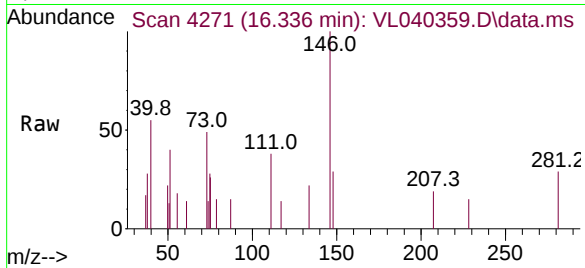




#75
1,3-Dichlorobenzene
Concen: 0.006 ppbv
RT: 16.336 min Scan# 4315
Delta R.T. -0.007 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

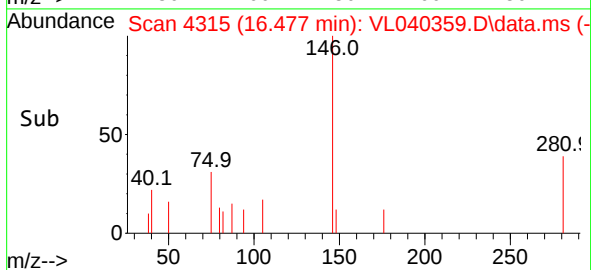
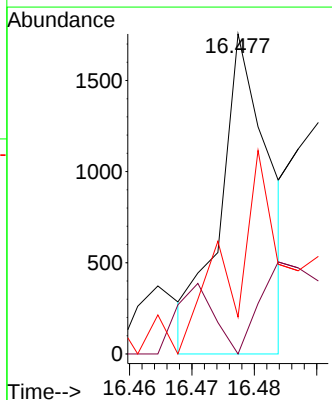
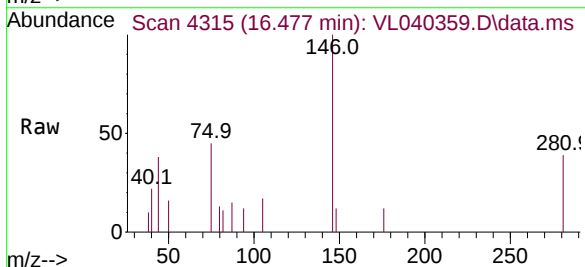
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC0.03

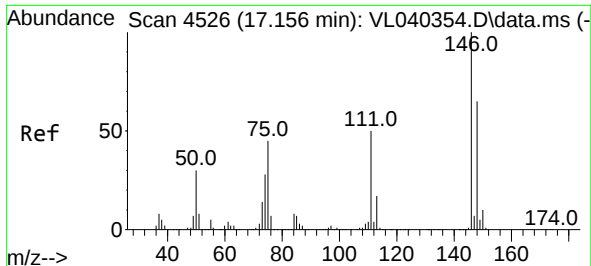
Tgt Ion:146 Resp: 825
Ion Ratio Lower Upper
146 100
111 210.9 24.6 74.0#
148 0.0 32.1 96.3#



#76
1,4-Dichlorobenzene
Concen: 0.006 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.007 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion:146 Resp: 955
Ion Ratio Lower Upper
146 100
111 50.2 23.8 71.4
148 169.0 32.4 97.2#

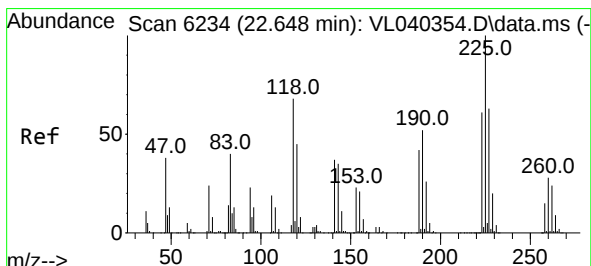
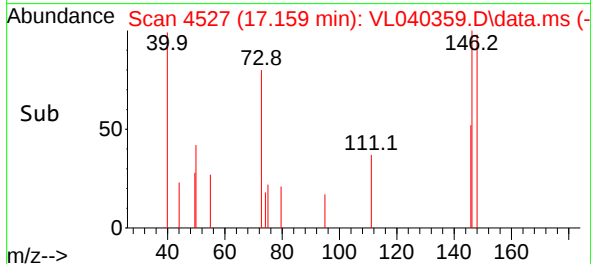
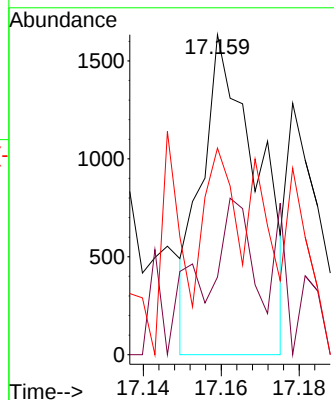
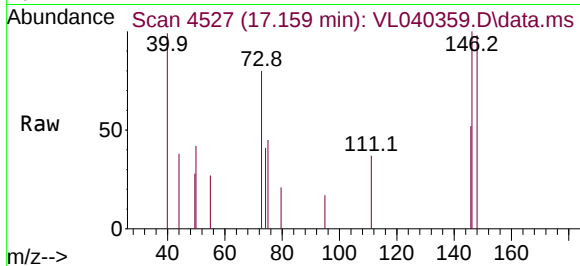




#77
1,2-Dichlorobenzene
Concen: 0.011 ppbv
RT: 17.159 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

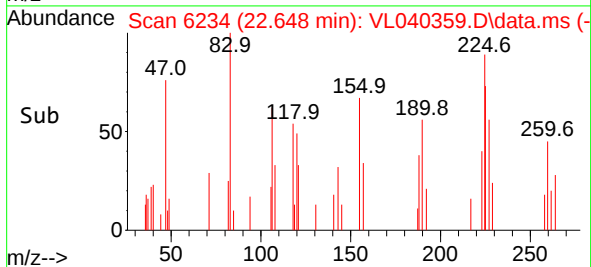
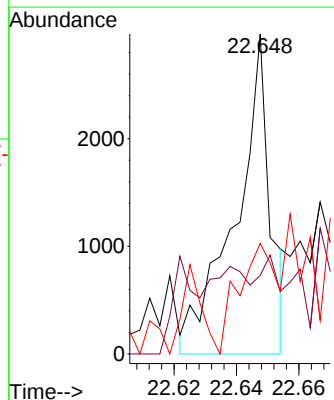
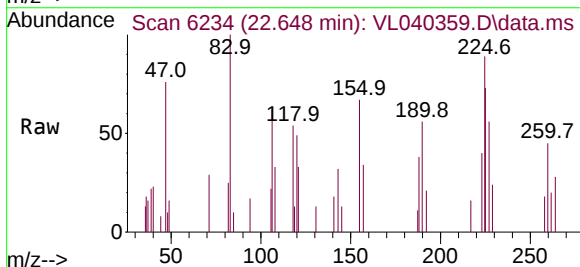
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC0.03

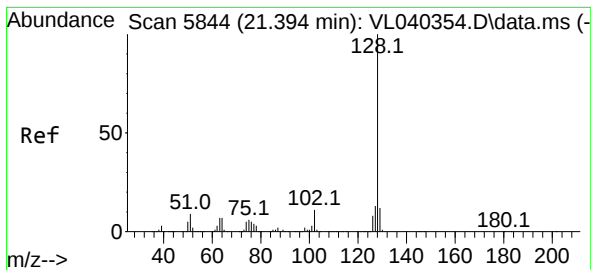
Tgt Ion:146 Resp: 1629
Ion Ratio Lower Upper
146 100
111 85.4 25.4 76.0#
148 0.0 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.019 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040359.D
Acq: 13 Apr 2023 13:19

Tgt Ion:225 Resp: 2273
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.0 76.4#





#79

Naphthalene

Concen: 0.000 ppbv

RT: 21.387 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC0.03

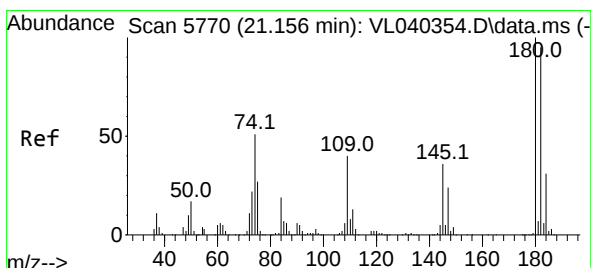
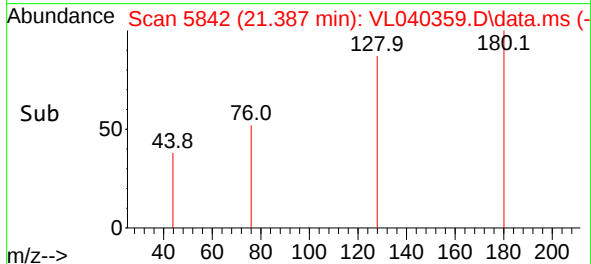
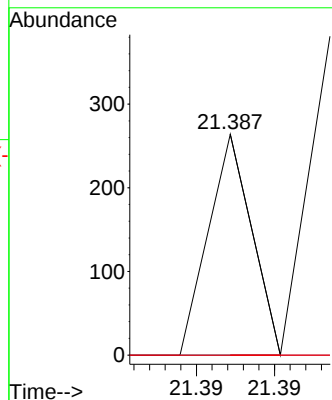
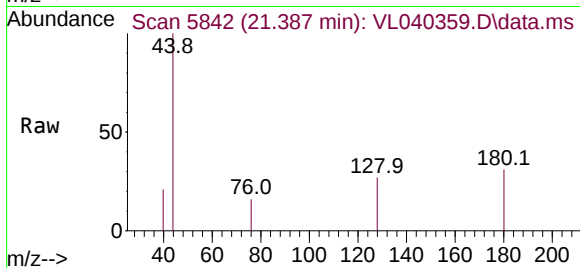
Tgt Ion:128 Resp: 51

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 9.4 14.0#



#81

1,2,4-Trichlorobenzene

Concen: 0.003 ppbv

RT: 21.146 min Scan# 5767

Delta R.T. -0.010 min

Lab File: VL040359.D

Acq: 13 Apr 2023 13:19

Tgt Ion:180 Resp: 377

Ion Ratio Lower Upper

180 100

182 0.0 77.7 116.5#

184 0.0 24.2 36.2#

