

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039631.D
 Acq On : 19 Sep 2022 11:40
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Sep 20 07:54:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1142705	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2985408	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2742864	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2036055	9.944	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	16720	0.126	ppbv	94
3) Chlorodifluoromethane	2.700	51	11985	0.088	ppbv #	89
4) Chloromethane	2.832	50	3260	0.040	ppbv #	78
5) Vinyl Chloride	2.941	62	2801	0.041	ppbv #	44
6) Bromomethane	3.137	94	743	0.030	ppbv #	40
7) Chloroethane	3.218	64	850	0.034	ppbv #	60
8) Dichlorotetrafluoroethane	2.877	85	9055	0.057	ppbv #	13
9) Propene	2.719	41	5050	0.082	ppbv #	3
10) Heptane	7.587	43	5277	0.037	ppbv #	27
11) Trichlorofluoromethane	3.584	101	14232	0.087	ppbv #	80
12) 1,1,2-Trichlorotrifluo...	4.086	101	5597	0.045	ppbv #	6
13) Ethanol	3.282	45	615	0.130	ppbv	64
14) Bromoethene	3.382	108	1321	0.027	ppbv #	5
15) Acetone	3.510	43	15882	0.125	ppbv #	49
16) 1,3-Butadiene	3.002	39	1979	0.031	ppbv #	10
17) tert-Butyl alcohol	3.903	59	81	0.001	ppbv #	71
18) 1,1-Dichloroethene	3.903	96	3539	0.065	ppbv #	68
19) Isopropyl Alcohol	3.594	45	49	0.001	ppbv #	88
20) Methylene Chloride	3.954	84	8305	0.141	ppbv #	90
21) Allyl Chloride	4.015	41	4236	0.049	ppbv #	1
22) trans-1,2-Dichloroethene	4.456	96	1448	0.027	ppbv #	61
23) Vinyl Acetate	4.636	43	528	0.009	ppbv #	1
24) 1,1-Dichloroethane	4.584	63	6512	0.057	ppbv #	92
25) Ethyl Acetate	5.227	43	6036	0.022	ppbv #	74
26) Hexane	5.227	57	3227	0.027	ppbv #	1
27) Carbon Disulfide	4.147	76	8197	0.066	ppbv #	33
28) Methyl tert-Butyl Ether	4.710	73	283	0.003	ppbv	93
29) Chloroform	5.288	83	8343	0.049	ppbv	97
30) Cyclohexane	6.613	84	1185	0.013	ppbv #	1
31) cis-1,2-Dichloroethene	5.099	61	6205	0.058	ppbv #	78
32) 1,1,1-Trichloroethane	6.015	97	5149	0.033	ppbv #	1
34) 2-Butanone	4.803	43	418	0.003	ppbv #	53
35) Carbon Tetrachloride	6.507	117	4611	0.029	ppbv #	28
36) Benzene	6.382	78	10399	0.046	ppbv #	81
37) 1,2-Dichloroethane	5.822	62	5521	0.044	ppbv #	72
38) Trichloroethene	7.304	130	5849	0.047	ppbv #	63
39) 1,2-Dichloropropane	6.722	63	7389	0.084	ppbv #	24
40) 1,4-Dioxane	7.311	88	140	0.004	ppbv #	1
41) Tetrahydrofuran	5.546	42	80	0.001	ppbv #	35
42) Bromodichloromethane	7.266	83	4808	0.028	ppbv #	75
43) Methyl Methacrylate	7.494	69	1924	0.023	ppbv #	1
44) 2,2,4-Trimethylpentane	7.343	57	6377	0.016	ppbv #	1
45) t-1,3-Dichloropropene	8.722	75	511	0.007	ppbv	94

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 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

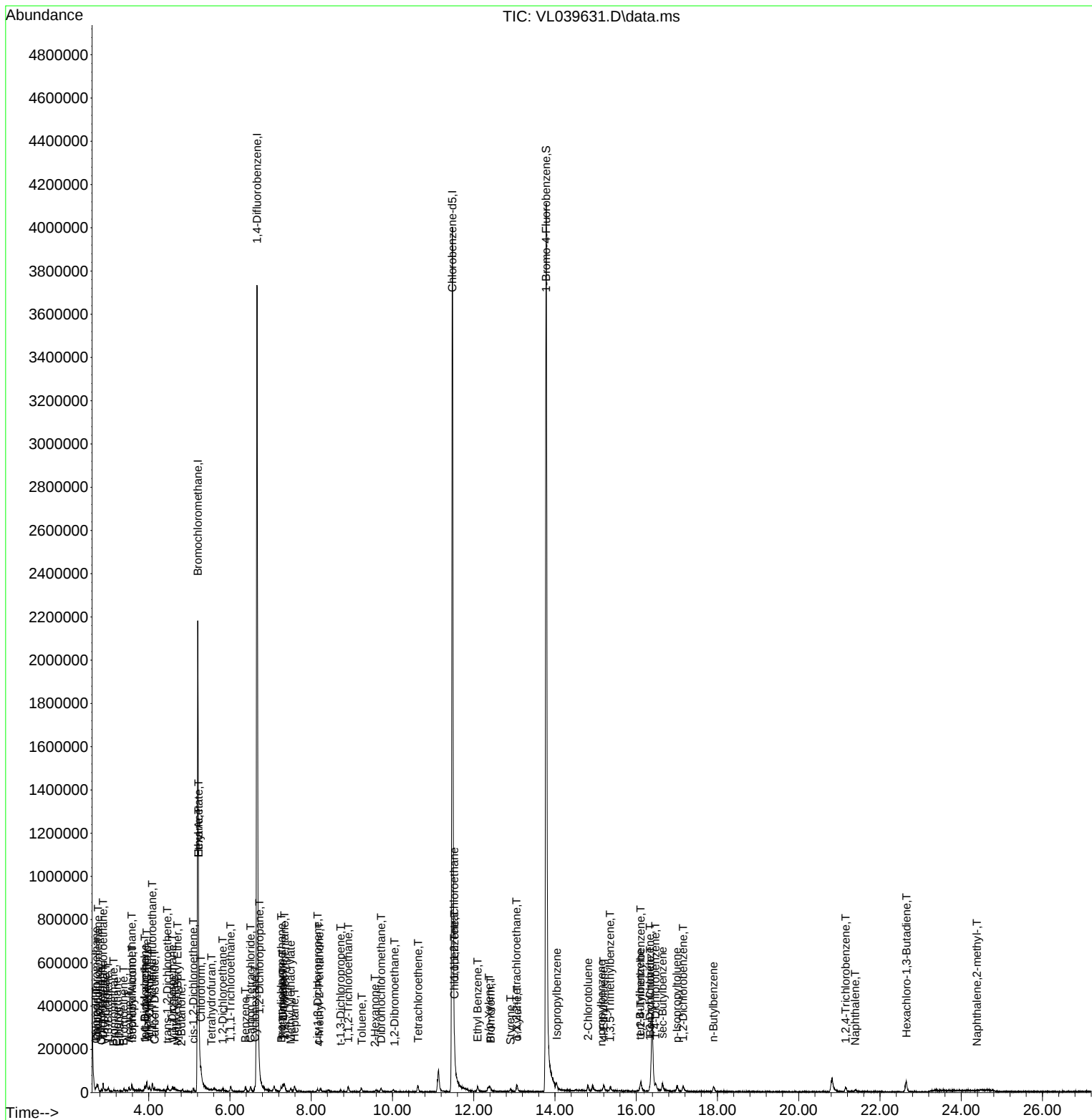
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

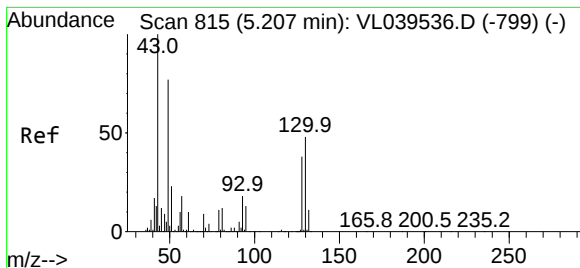
Quant Time: Sep 20 07:54:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.160	75	1348	0.013	ppbv	#	54
47) 1,1,2-Trichloroethane	8.909	97	4456	0.046	ppbv	#	49
48) Dibromochloromethane	9.722	129	3832	0.026	ppbv	#	1
49) Bromoform	12.417	173	2542	0.021	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.198	43	698	0.003	ppbv	#	39
51) 2-Hexanone	9.568	43	226	0.001	ppbv	#	29
52) Tetrachloroethene	10.635	164	1508	0.017	ppbv	#	64
53) Toluene	9.243	91	2721	0.011	ppbv	#	21
54) 1,2-Dibromoethane	10.050	107	600	0.006	ppbv		84
56) 1,1,1,2-Tetrachloroethane	11.520	131	2159	0.019	ppbv	#	9
57) Chlorobenzene	11.529	112	11512	0.057	ppbv	#	61
58) Ethyl Benzene	12.098	91	9778	0.031	ppbv		98
59) m/p-Xylene	12.378	91	14968	0.053	ppbv	#	48
60) o-Xylene	13.073	91	3552	0.013	ppbv	#	31
61) Styrene	12.909	104	1659	0.011	ppbv	#	1
62) Isopropylbenzene	14.047	105	10065	0.025	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.053	83	3958	0.037	ppbv	#	24
64) n-propylbenzene	15.146	120	176	0.002	ppbv		97
65) tert-Butylbenzene	16.098	119	3936	0.011	ppbv	#	19
66) Benzyl Chloride	16.346	91	439	0.015	ppbv	#	67
67) sec-Butylbenzene	16.648	105	3682	0.007	ppbv	#	59
69) p-Isopropyltoluene	17.002	119	6498	0.016	ppbv	#	32
70) n-Butylbenzene	17.902	91	4726	0.012	ppbv	#	33
71) 2-Chlorotoluene	14.815	91	5699	0.020	ppbv	#	1
72) 4-Ethyltoluene	15.201	105	7108	0.023	ppbv	#	56
73) 1,3,5-Trimethylbenzene	15.359	105	3789	0.013	ppbv		99
74) 1,2,4-Trimethylbenzene	16.111	105	5845	0.019	ppbv	#	77
75) 1,3-Dichlorobenzene	16.336	146	1758	0.009	ppbv	#	23
76) 1,4-Dichlorobenzene	16.474	146	6889	0.037	ppbv	#	22
77) 1,2-Dichlorobenzene	17.156	146	4484	0.024	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.651	225	4561	0.033	ppbv	#	1
79) Naphthalene	21.387	128	3099	0.015	ppbv	#	79
80) Naphthalene,2-methyl-	24.384	142	116	0.001	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.153	180	3235	0.024	ppbv	#	1

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

Quant Time: Sep 20 07:54:04 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration



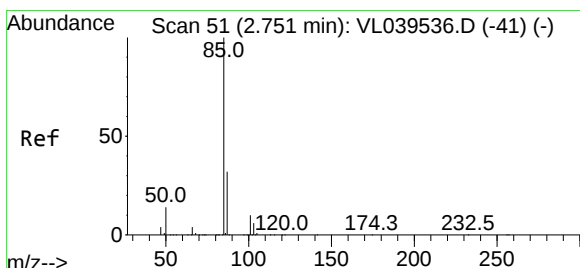
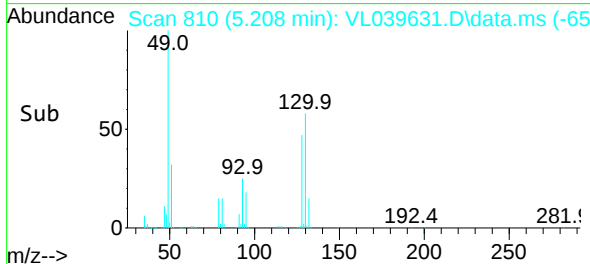
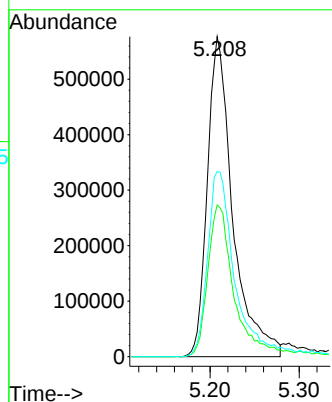
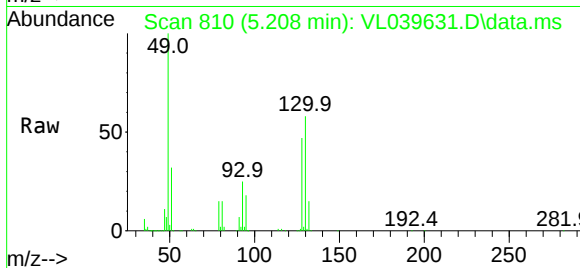


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tgt Ion: 49 Resp: 1142705

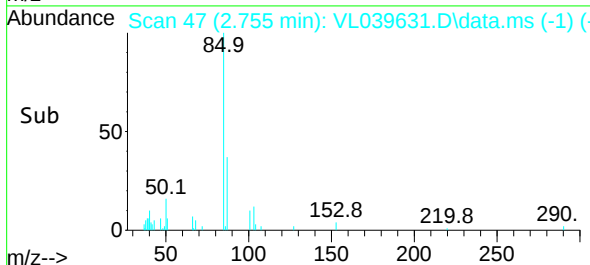
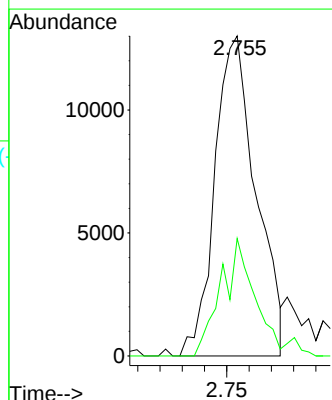
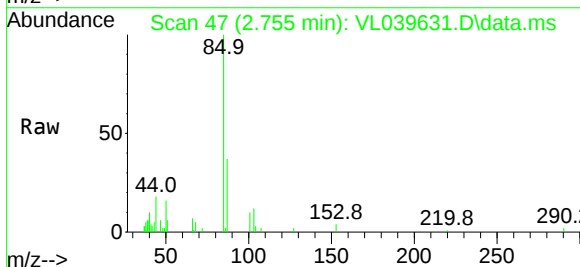
Ion	Ratio	Lower	Upper
49	100		
128	51.2	26.7	80.0
130	65.9	34.3	102.8

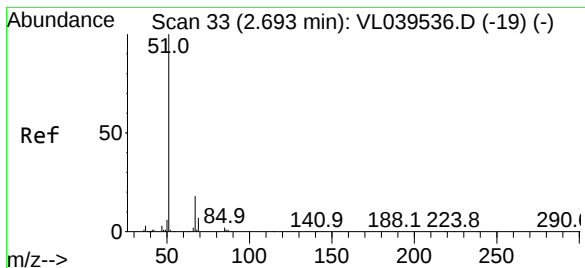


#2
 Dichlorodifluoromethane
 Concen: 0.126 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 85 Resp: 16720

Ion	Ratio	Lower	Upper
85	100		
87	36.7	26.7	40.1

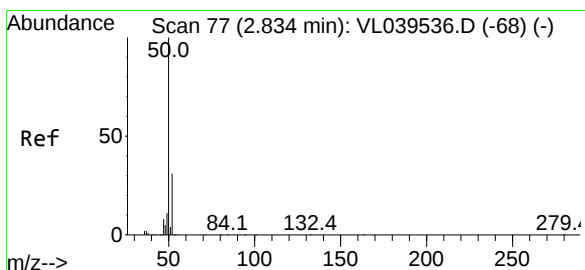
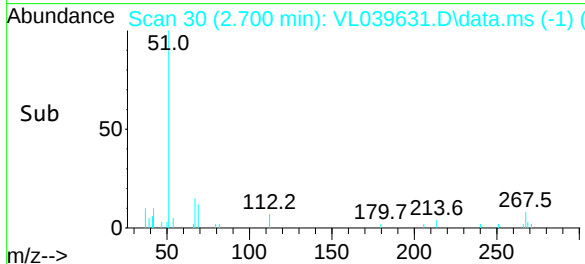
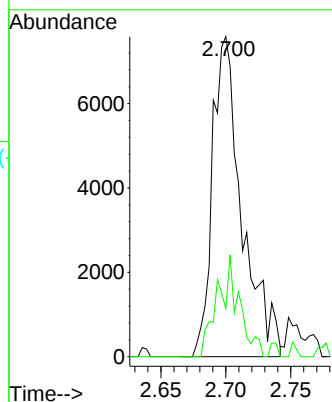
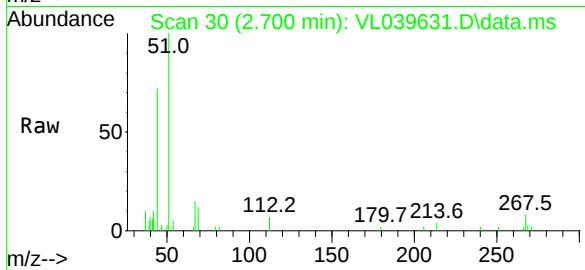




#3
 Chlorodifluoromethane
 Concen: 0.088 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

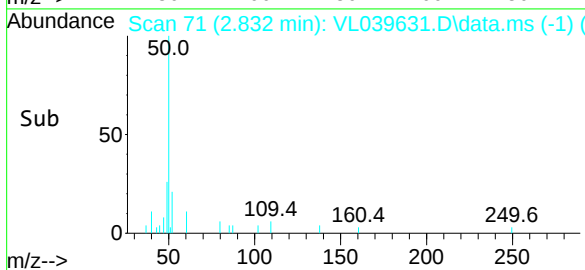
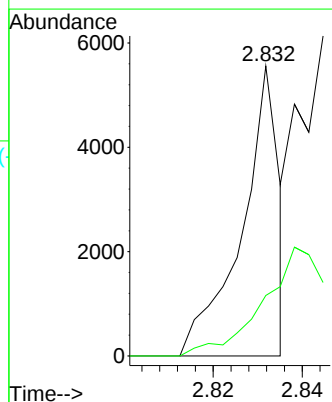
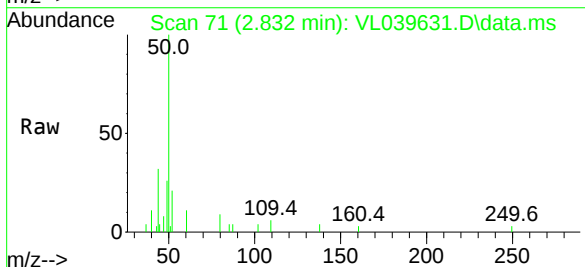
Instrument :
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 ClientSampleId :
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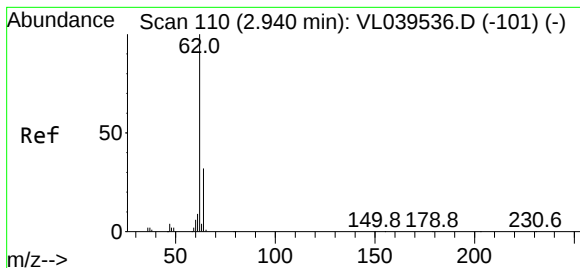
Tgt Ion: 51 Resp: 11985
 Ion Ratio Lower Upper
 51 100
 67 24.4 15.7 23.5#



#4
 Chloromethane
 Concen: 0.040 ppbv
 RT: 2.832 min Scan# 71
 Delta R.T. -0.002 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 50 Resp: 3260
 Ion Ratio Lower Upper
 50 100
 52 20.8 26.5 39.7#

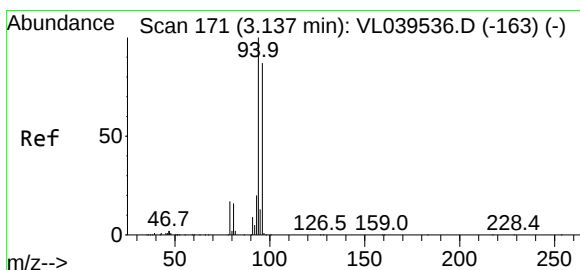
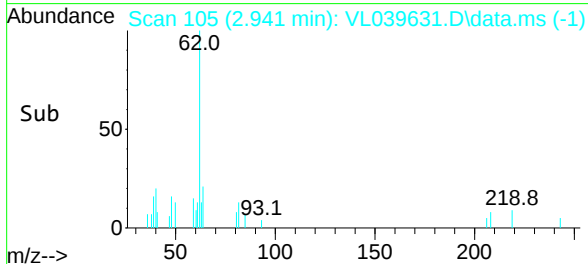
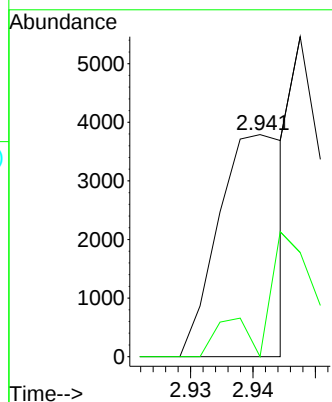
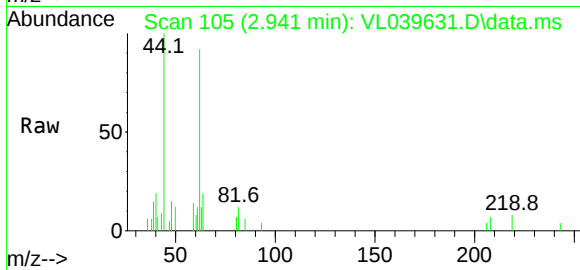




#5
 Vinyl Chloride
 Concen: 0.041 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

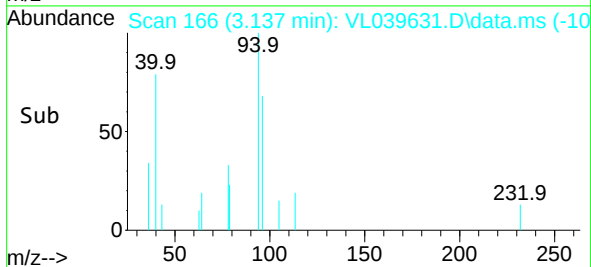
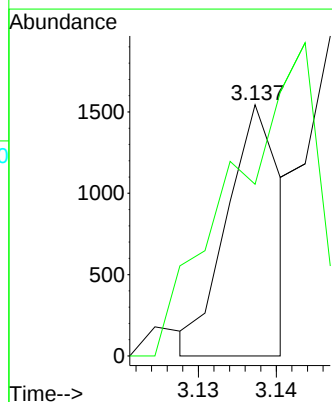
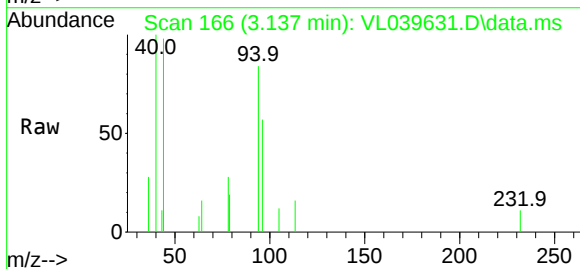
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

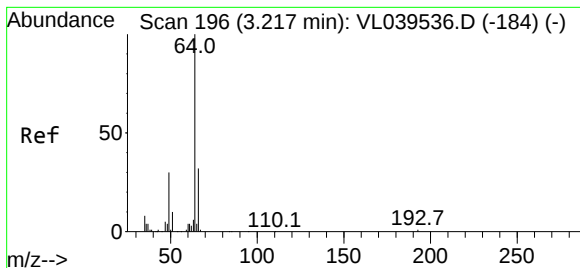
Tgt Ion: 62 Resp: 2801
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.6 36.8#



#6
 Bromomethane
 Concen: 0.030 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.001 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 94 Resp: 743
 Ion Ratio Lower Upper
 94 100
 96 36.0 75.6 113.4#

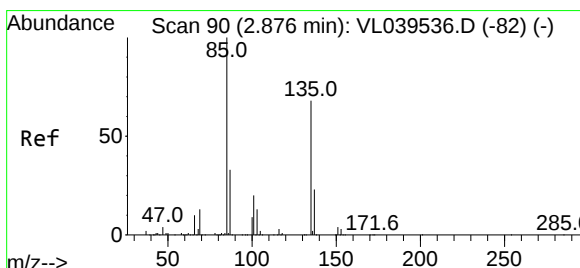
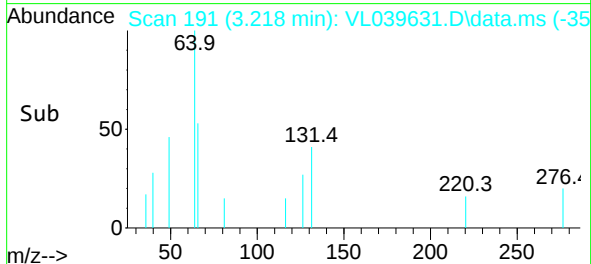
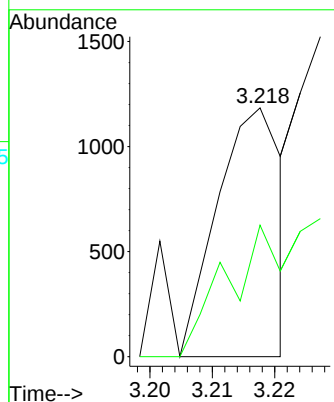
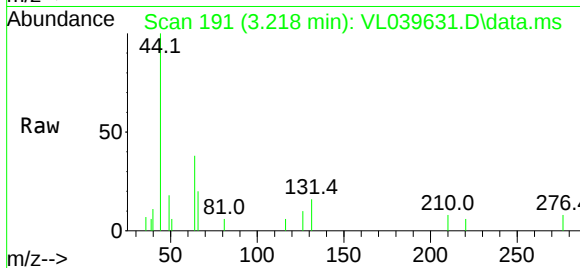




#7
Chloroethane
Concen: 0.034 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

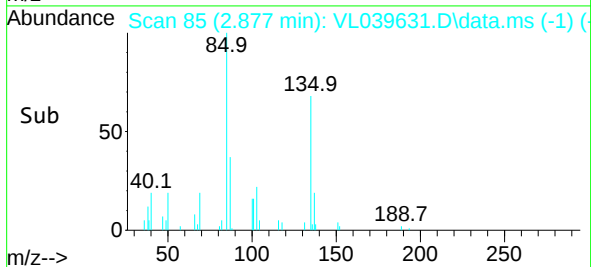
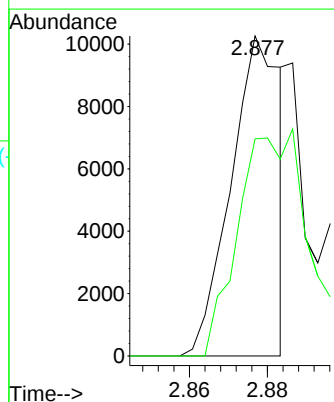
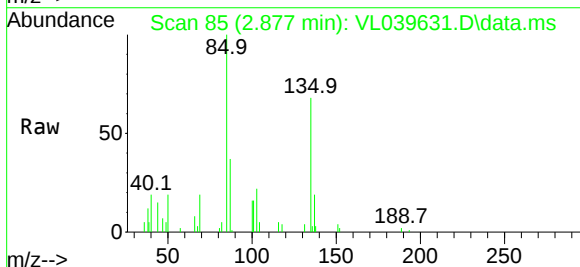
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MSVOA_L
ClientSampleId :
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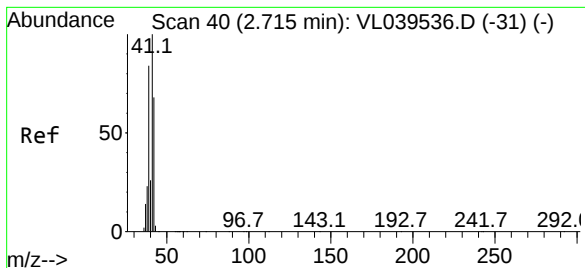
Tgt Ion: 64 Resp: 850
Ion Ratio Lower Upper
64 100
66 52.9 24.7 37.1#



#8
Dichlorotetrafluoroethane
Concen: 0.057 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 85 Resp: 9055
Ion Ratio Lower Upper
85 100
135 0.0 59.0 88.4#





#9

Propene

Concen: 0.082 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

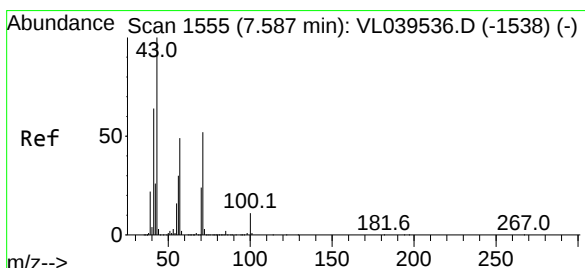
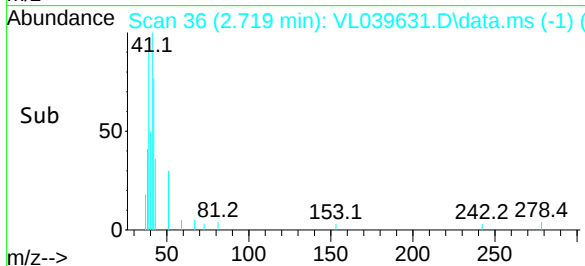
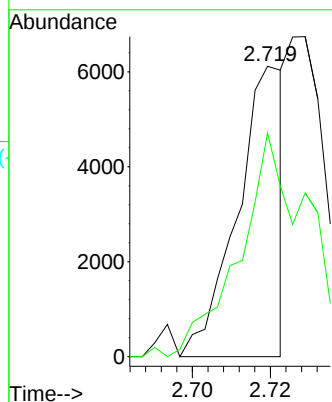
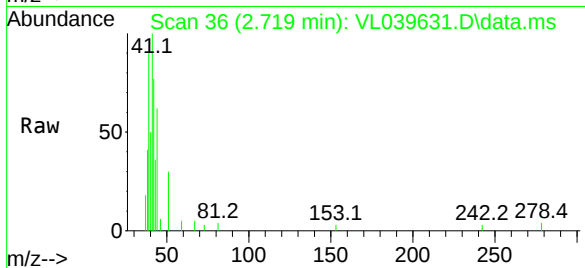
VSTDIC0.1

Tgt Ion: 41 Resp: 5050

Ion Ratio Lower Upper

41 100

42 147.9 55.2 82.8#



#10

Heptane

Concen: 0.037 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. 0.001 min

Lab File: VL039631.D

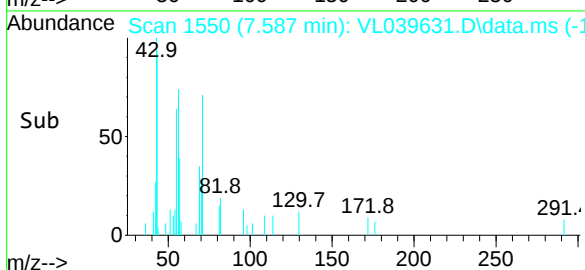
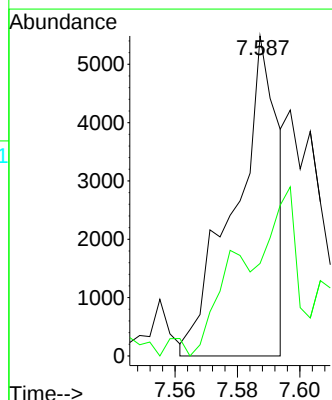
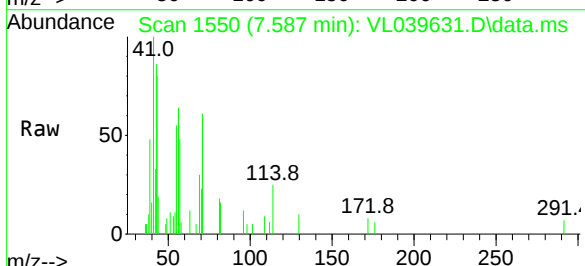
Acq: 19 Sep 2022 11:40

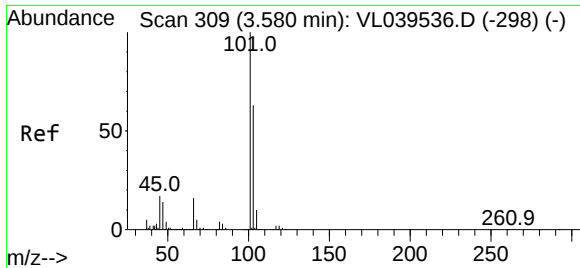
Tgt Ion: 43 Resp: 5277

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#

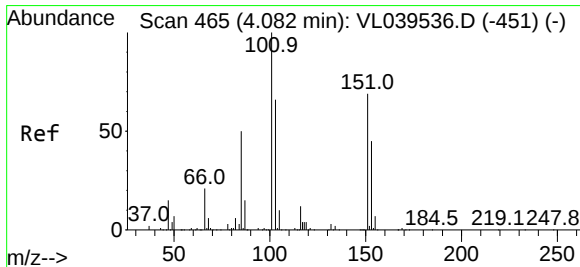
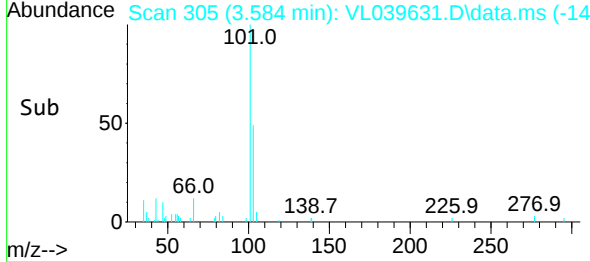
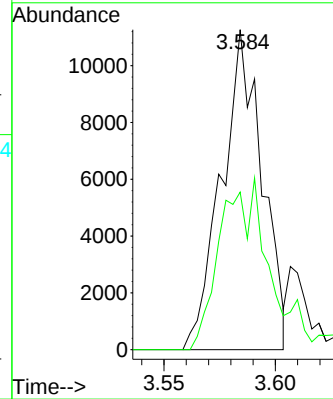
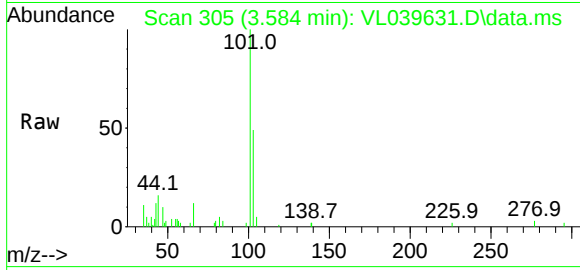




#11
 Trichlorofluoromethane
 Concen: 0.087 ppbv
 RT: 3.584 min Scan# 309
 Delta R.T. 0.004 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

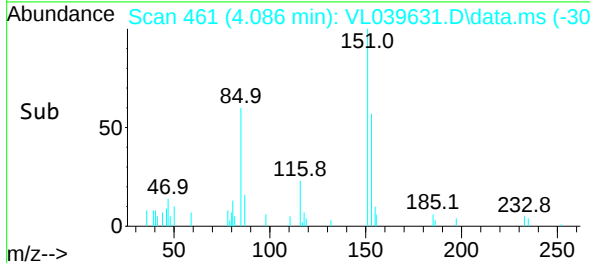
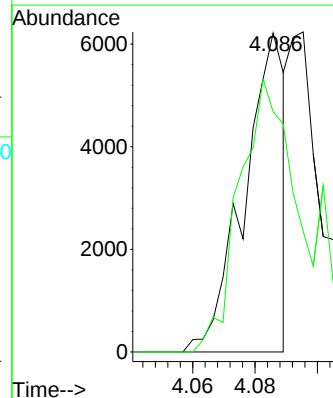
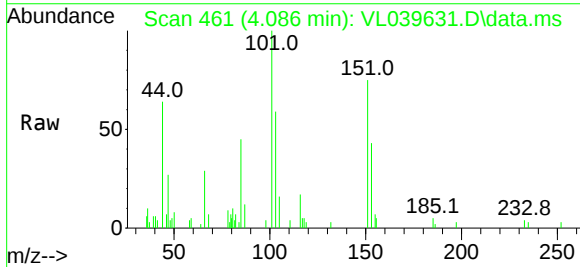
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

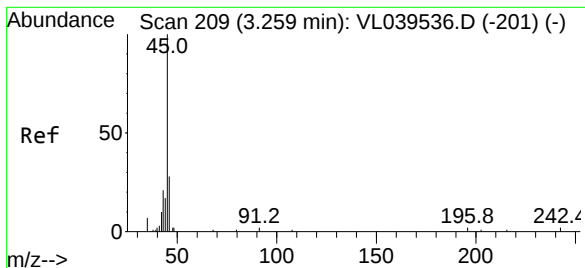
Tgt Ion:101 Resp: 14232
 Ion Ratio Lower Upper
 101 100
 103 49.3 51.8 77.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.045 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.004 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion:101 Resp: 5597
 Ion Ratio Lower Upper
 101 100
 151 153.1 58.9 88.3#





#13

Ethanol

Concen: 0.130 ppbv

RT: 3.282 min Scan# 211

Delta R.T. 0.023 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

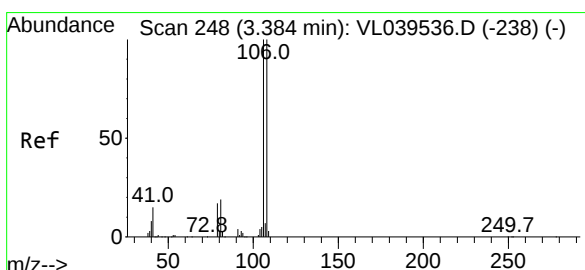
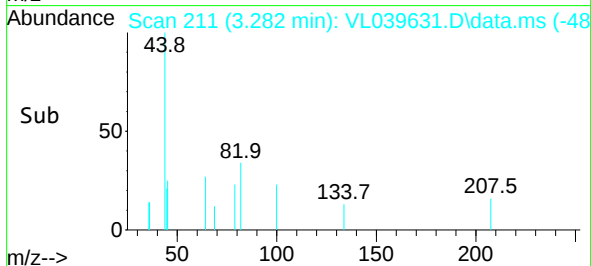
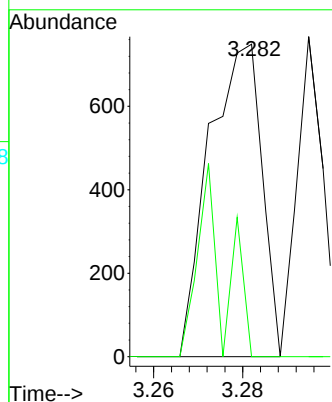
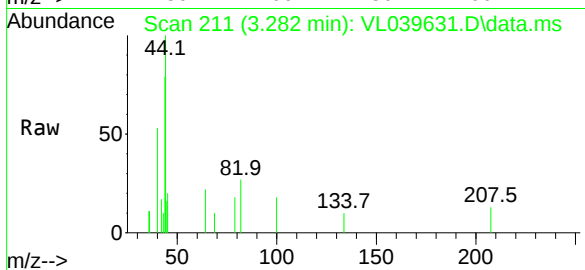
VSTDIC0.1

Tgt Ion: 45 Resp: 615

Ion Ratio Lower Upper

45 100

46 30.7 22.8 91.2



#14

Bromoethene

Concen: 0.027 ppbv

RT: 3.382 min Scan# 242

Delta R.T. -0.002 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

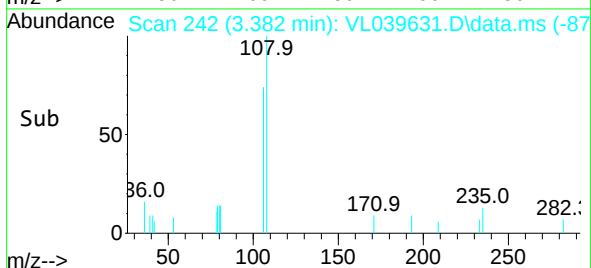
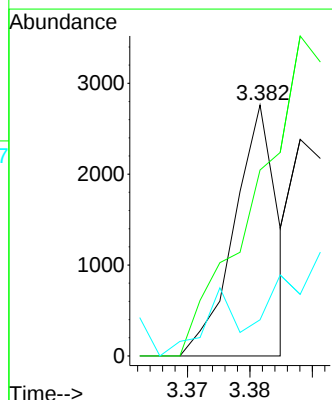
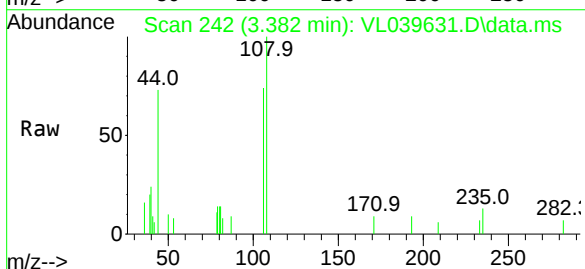
Tgt Ion: 108 Resp: 1321

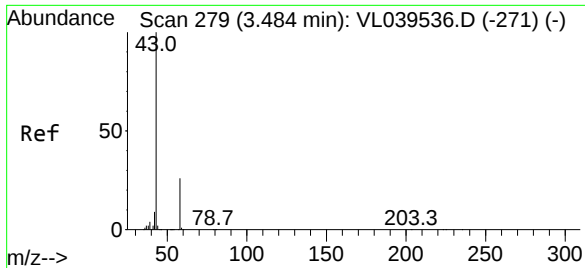
Ion Ratio Lower Upper

108 100

106 0.0 87.1 130.7#

79 0.0 14.6 22.0#

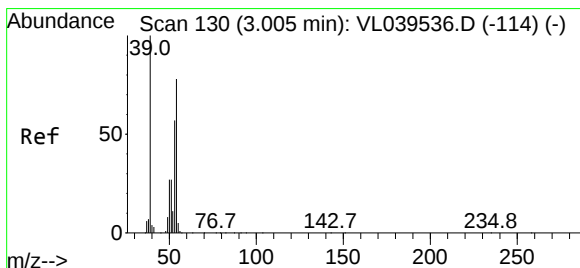
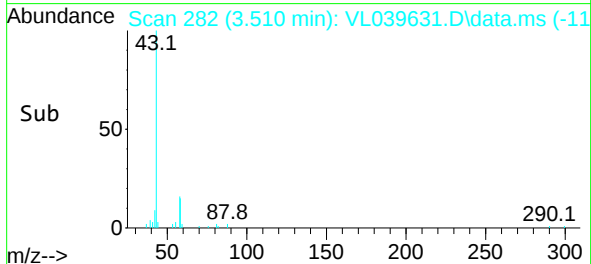
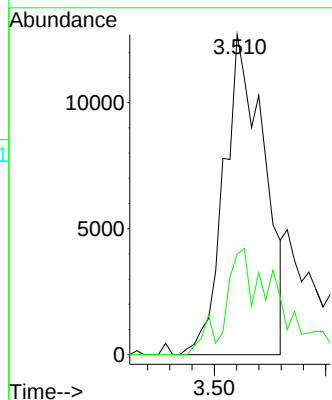
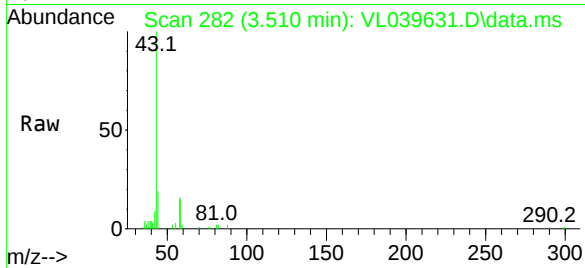




#15
Acetone
Concen: 0.125 ppbv
RT: 3.510 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

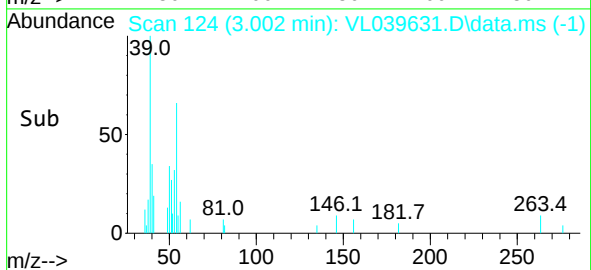
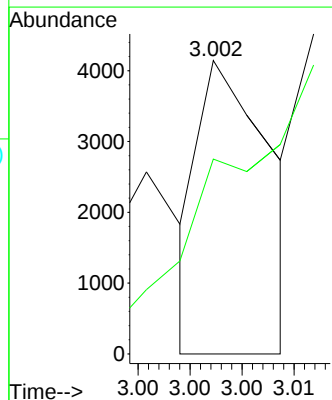
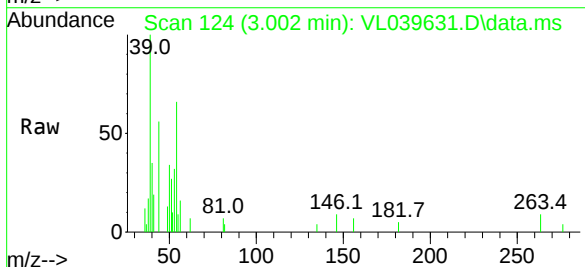
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

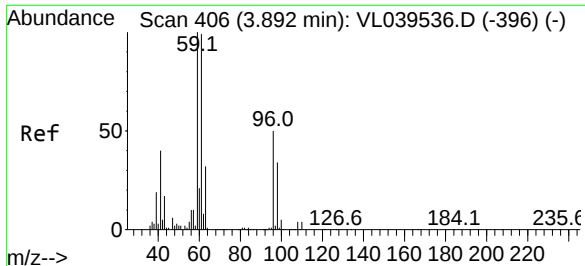
Tgt Ion: 43 Resp: 15882
Ion Ratio Lower Upper
43 100
58 52.6 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.031 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.002 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 39 Resp: 1979
Ion Ratio Lower Upper
39 100
54 0.0 63.7 95.5#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.010 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

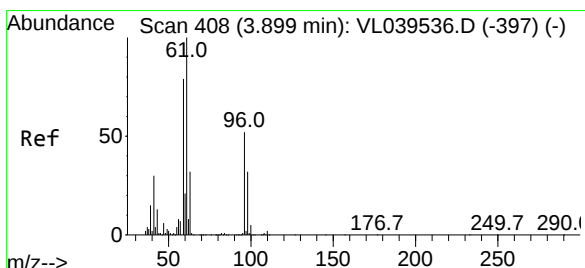
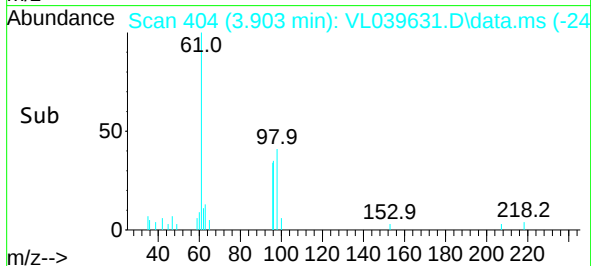
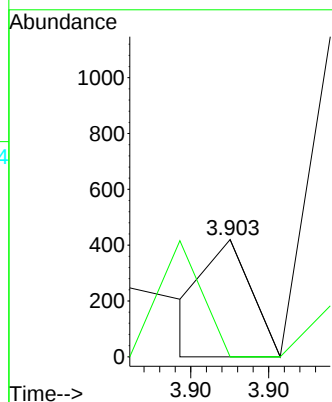
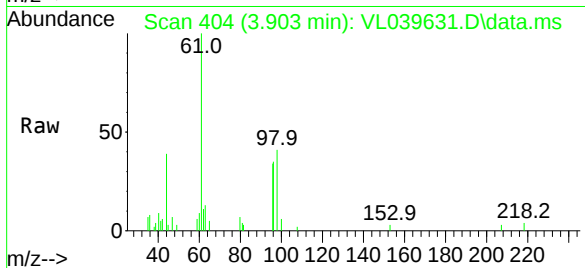
VSTDIC0.1

Tgt Ion: 59 Resp: 81

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.065 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

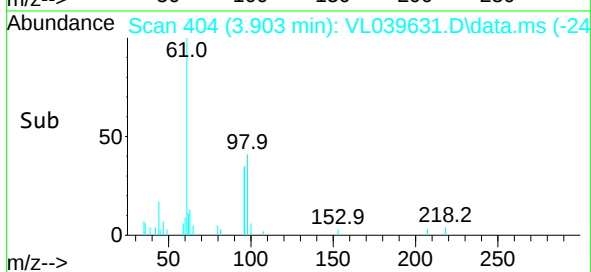
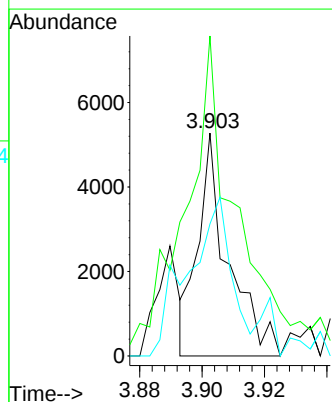
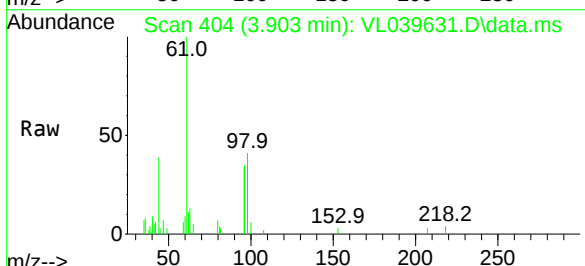
Tgt Ion: 96 Resp: 3539

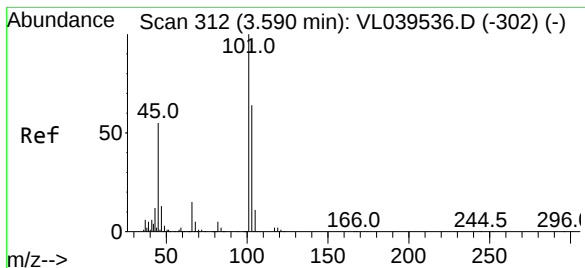
Ion Ratio Lower Upper

96 100

61 128.8 152.2 228.4#

98 61.7 51.8 77.6

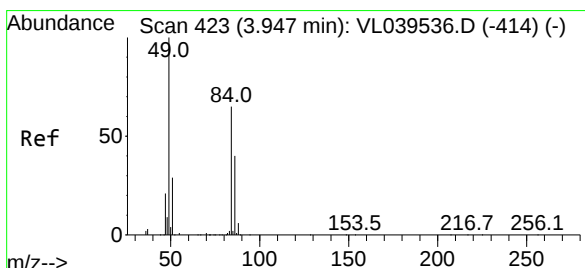
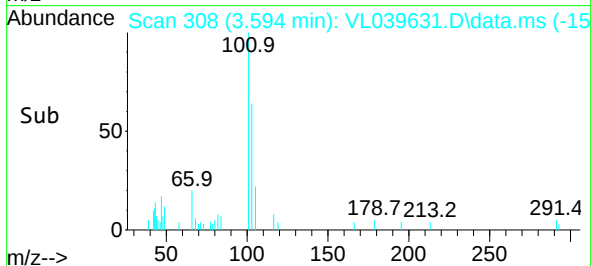
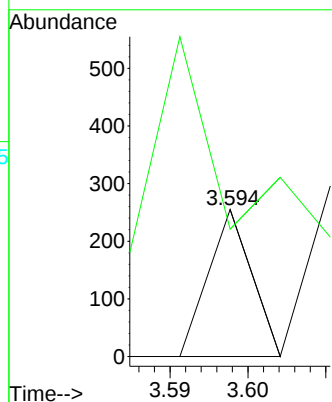
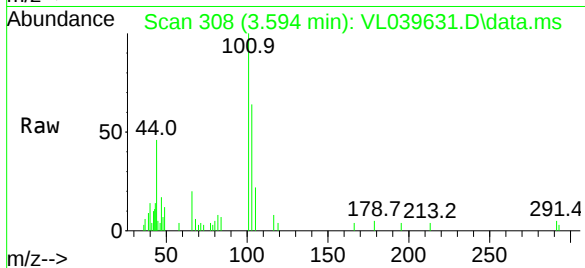




#19
Isopropyl Alcohol
Concen: 0.001 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

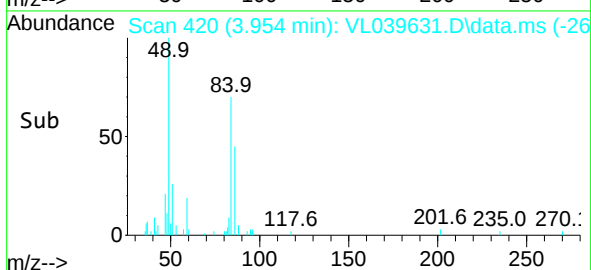
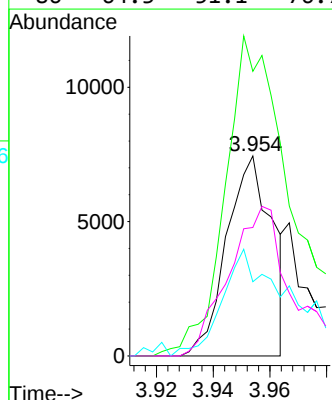
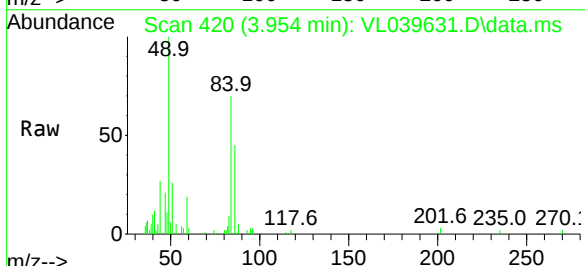
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

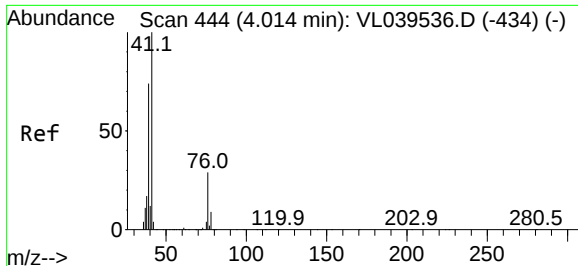
Tgt Ion: 45 Resp: 49
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8#



#20
Methylene Chloride
Concen: 0.141 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 84 Resp: 8305
Ion Ratio Lower Upper
84 100
49 137.8 123.1 184.7
51 33.3 34.4 51.6#
86 64.3 51.1 76.7

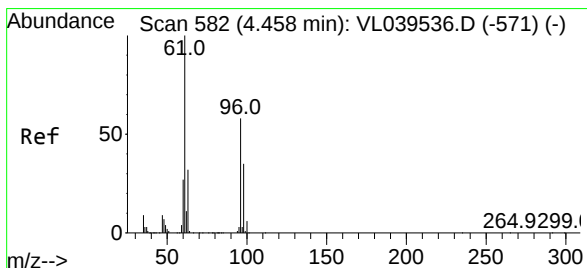
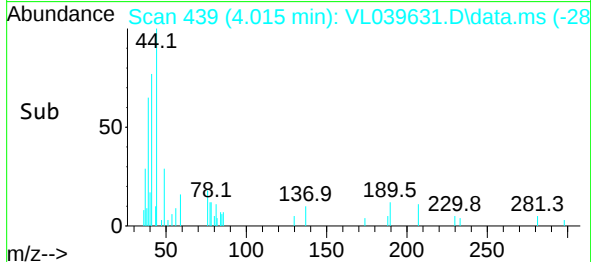
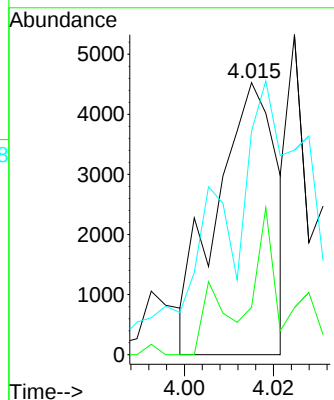
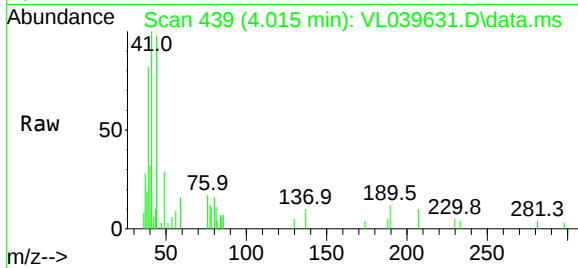




#21
 Allyl Chloride
 Concen: 0.049 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

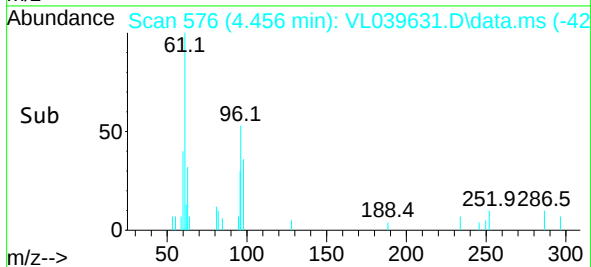
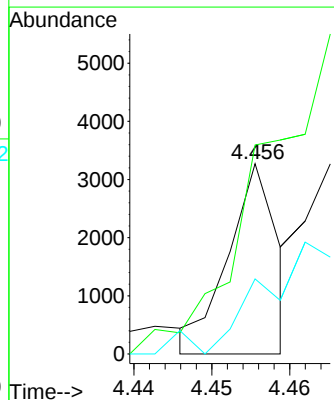
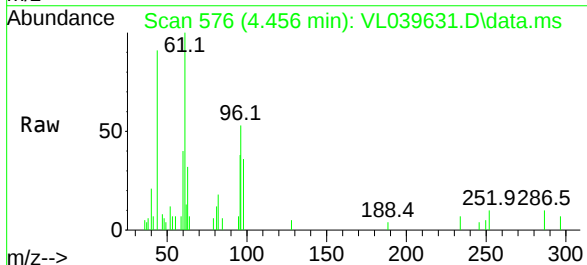
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

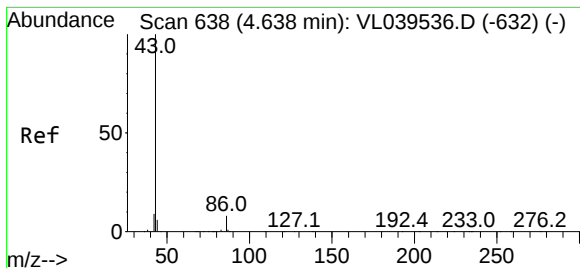
Tgt Ion: 41 Resp: 4236
 Ion Ratio Lower Upper
 41 100
 76 44.9 24.4 36.6#
 39 238.4 63.5 95.3#



#22
 trans-1,2-Dichloroethene
 Concen: 0.027 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. -0.002 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 96 Resp: 1448
 Ion Ratio Lower Upper
 96 100
 61 114.2 130.6 195.8#
 98 31.4 53.4 80.0#





#23

Vinyl Acetate

Concen: 0.009 ppbv

RT: 4.636 min Scan# 61

Delta R.T. -0.002 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 528

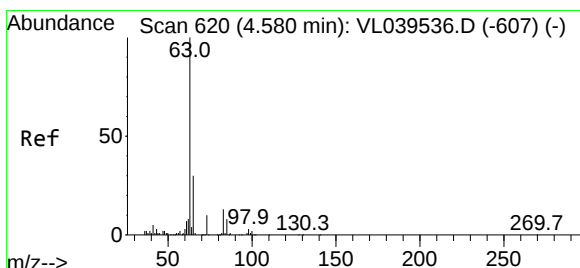
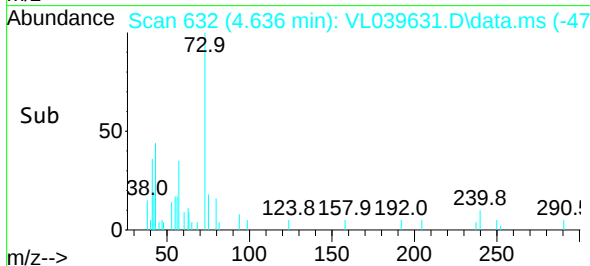
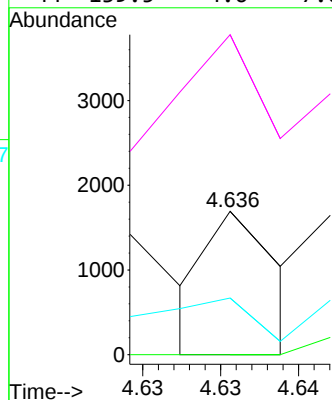
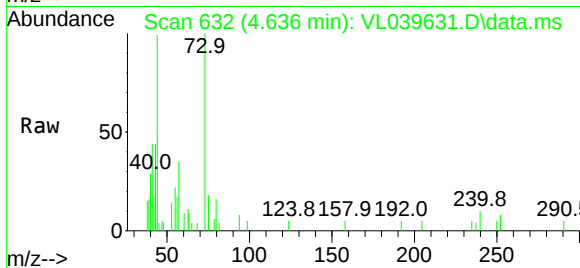
Ion Ratio Lower Upper

43 100

86 0.0 5.0 7.6#

42 58.2 7.7 11.5#

44 139.5 4.6 7.0#



#24

1,1-Dichloroethane

Concen: 0.057 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

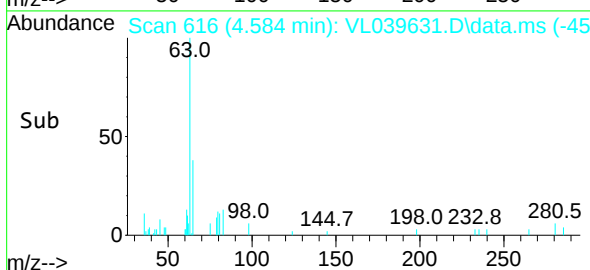
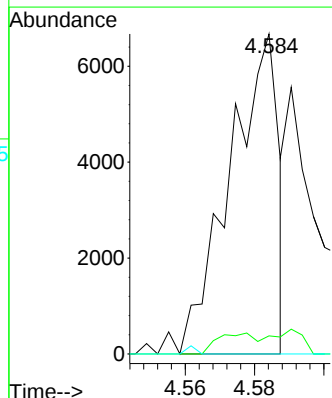
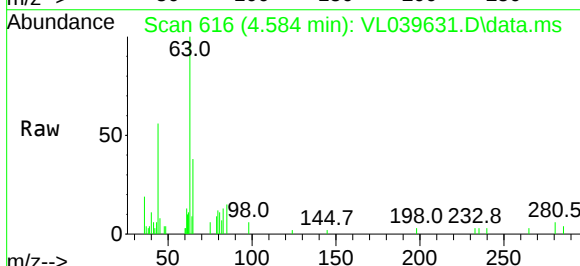
Tgt Ion: 63 Resp: 6512

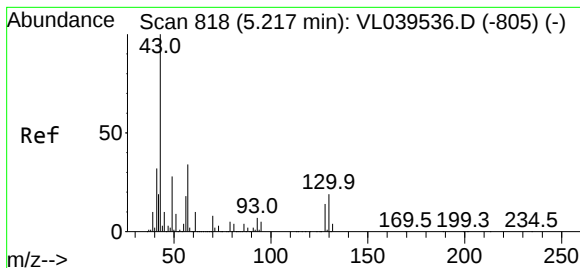
Ion Ratio Lower Upper

63 100

98 5.6 1.8 5.3#

100 0.0 1.5 4.4#





#25

Ethyl Acetate

Concen: 0.022 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.010 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 6036

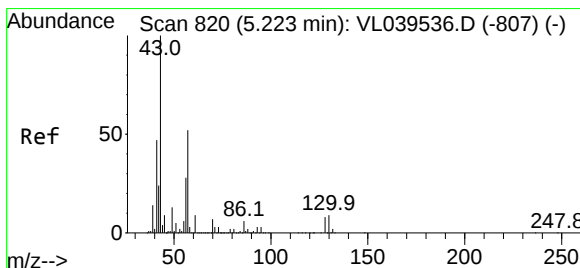
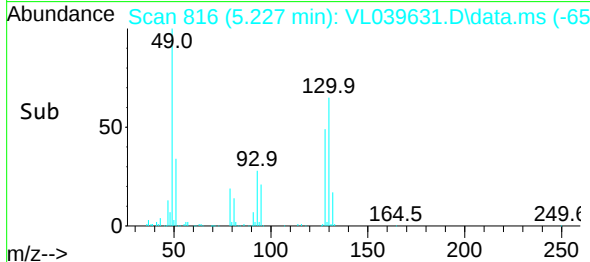
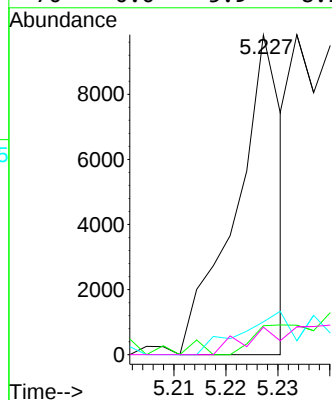
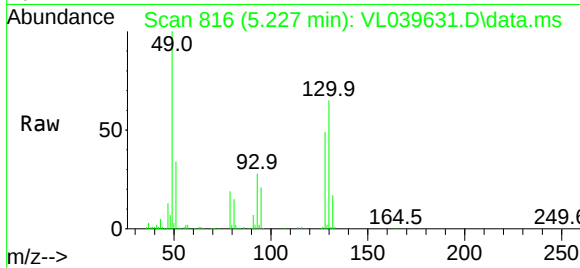
Ion Ratio Lower Upper

43 100

45 0.0 8.2 12.4#

61 0.0 8.3 12.5#

70 0.0 5.9 8.9#



#26

Hexane

Concen: 0.027 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Tgt Ion: 57 Resp: 3227

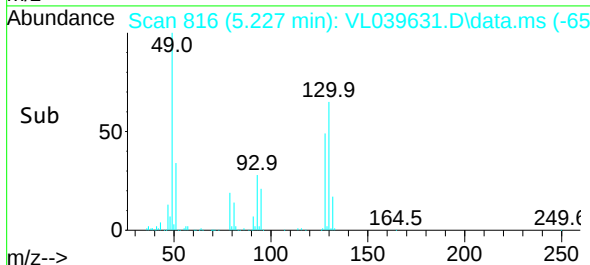
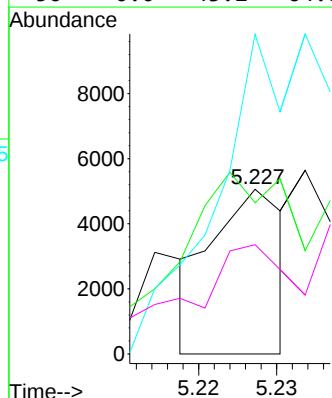
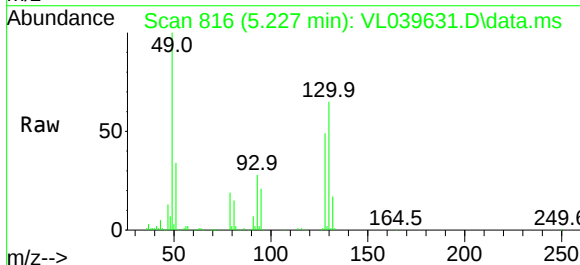
Ion Ratio Lower Upper

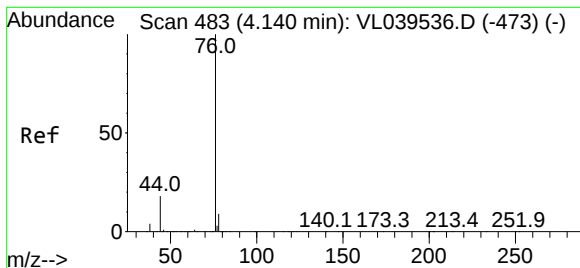
57 100

41 349.9 76.9 115.3#

43 0.0 191.0 286.6#

56 0.0 43.2 64.8#





#27

Carbon Disulfide

Concen: 0.066 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

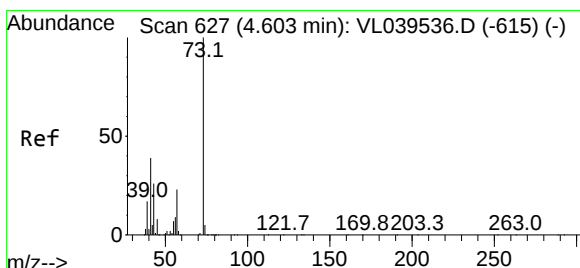
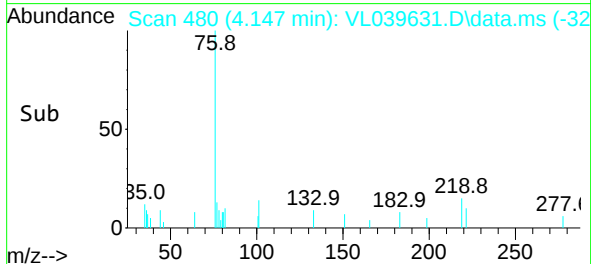
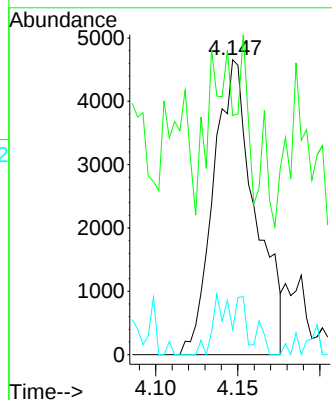
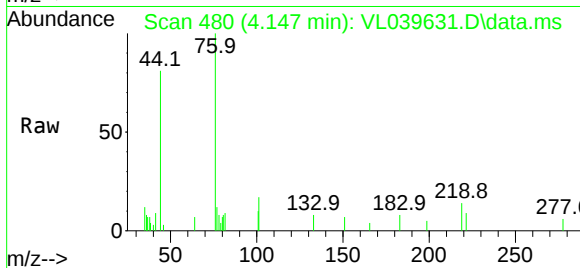
Tgt Ion: 76 Resp: 8197

Ion Ratio Lower Upper

76 100

44 60.4 14.6 21.8#

78 14.9 7.8 11.6#



#28

Methyl tert-Butyl Ether

Concen: 0.003 ppbv

RT: 4.710 min Scan# 655

Delta R.T. 0.107 min

Lab File: VL039631.D

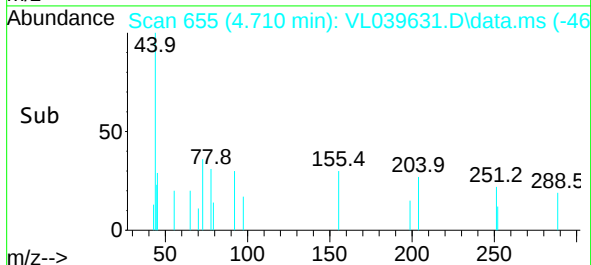
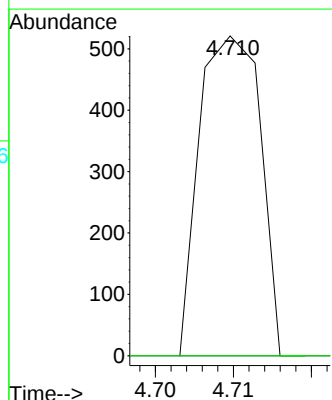
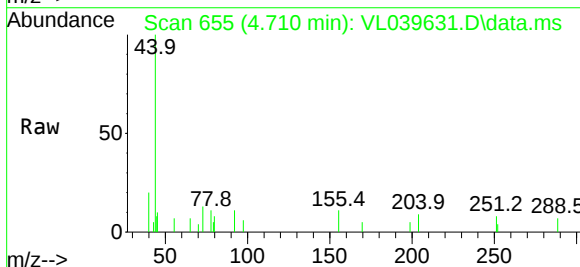
Acq: 19 Sep 2022 11:40

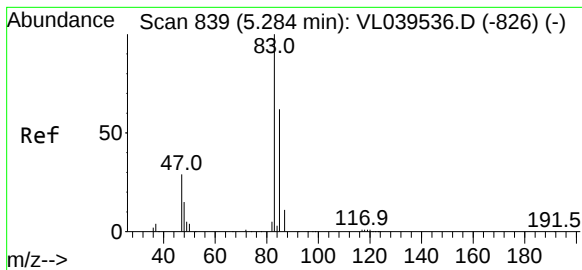
Tgt Ion: 73 Resp: 283

Ion Ratio Lower Upper

73 100

57 28.3 19.8 29.8

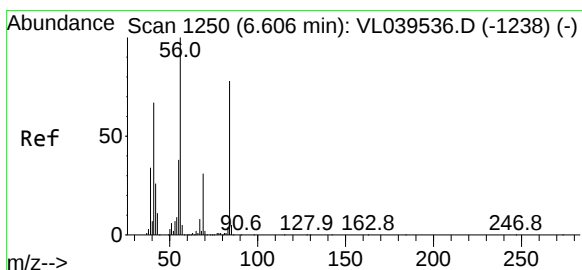
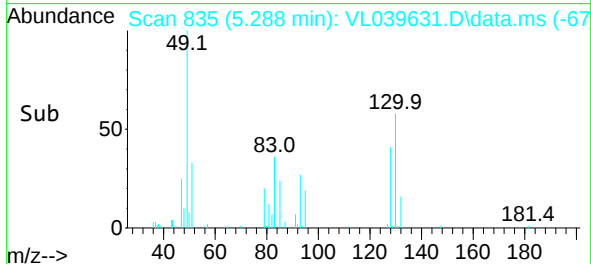
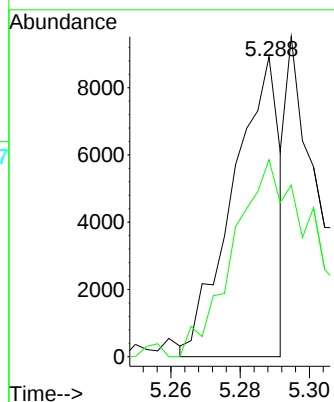
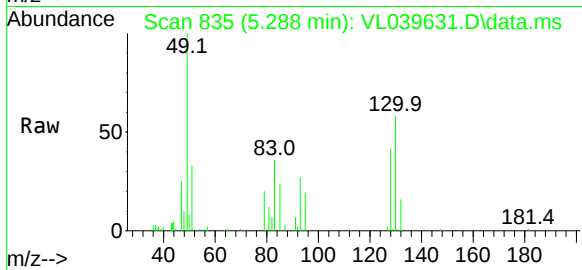




#29
Chloroform
Concen: 0.049 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

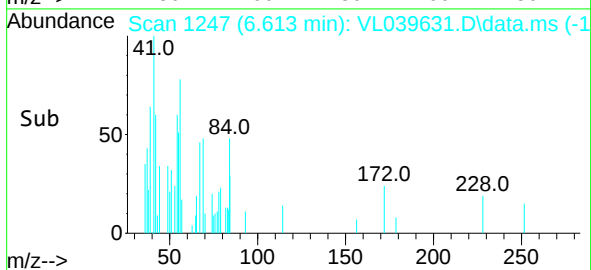
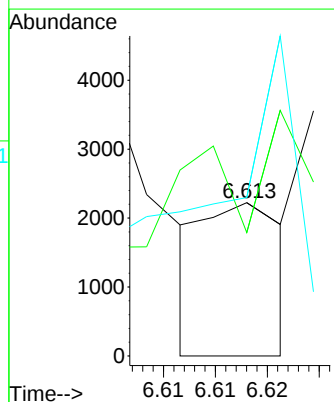
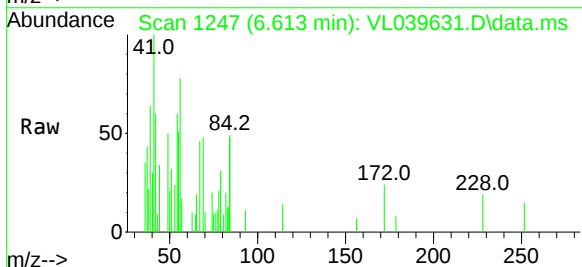
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

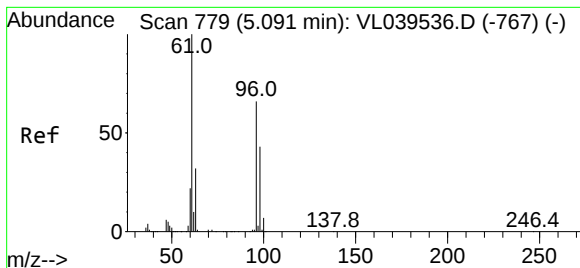
Tgt Ion: 83 Resp: 8343
Ion Ratio Lower Upper
83 100
85 68.0 52.8 79.2



#30
Cyclohexane
Concen: 0.013 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 84 Resp: 1185
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 67.7 101.5#

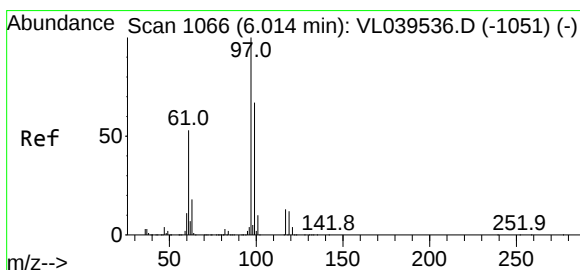
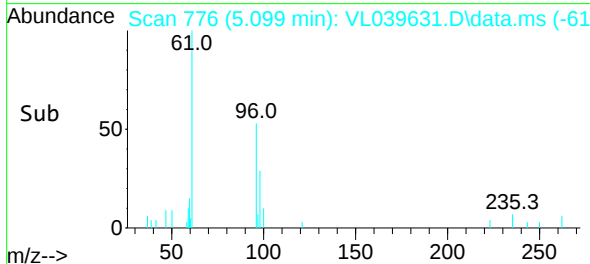
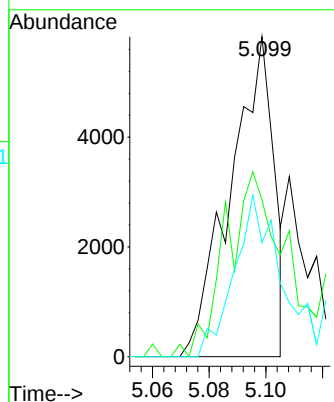
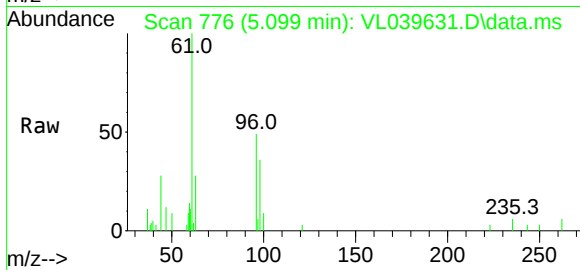




#31
 cis-1,2-Dichloroethene
 Concen: 0.058 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

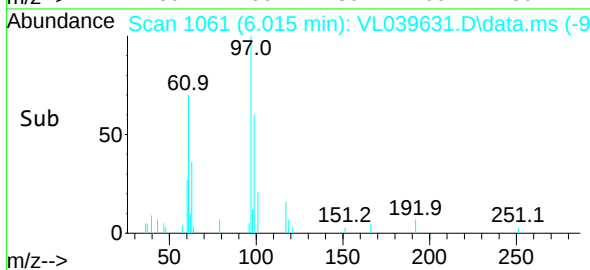
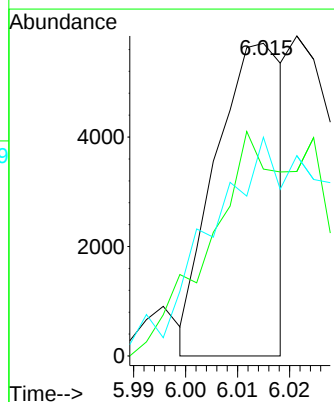
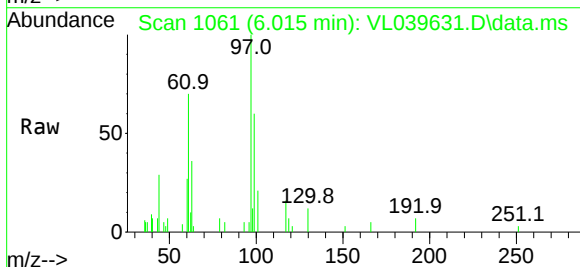
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

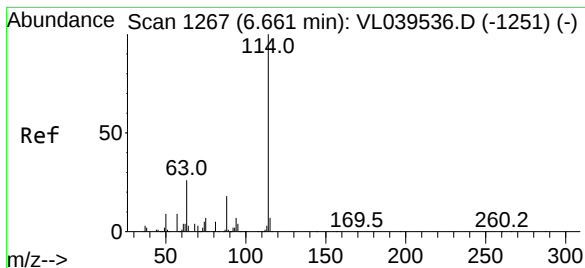
Tgt Ion: 61 Resp: 6205
 Ion Ratio Lower Upper
 61 100
 96 45.1 54.1 81.1#
 98 35.7 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 0.033 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 97 Resp: 5149
 Ion Ratio Lower Upper
 97 100
 99 159.2 52.3 78.5#
 61 161.6 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

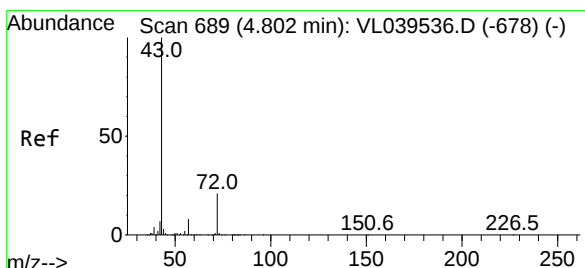
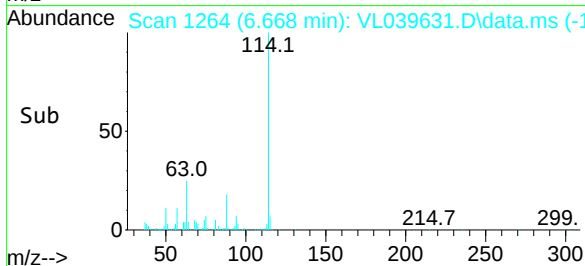
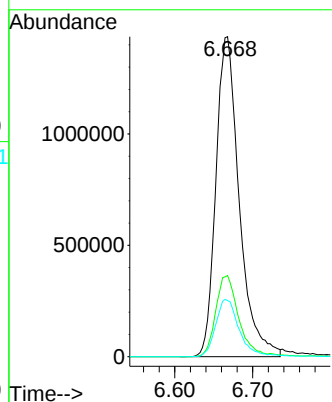
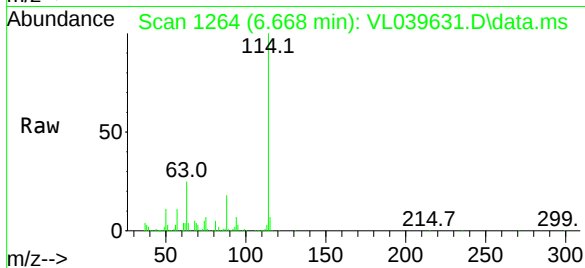
Tgt Ion:114 Resp: 2985408

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.4

88 18.4 14.5 21.7



#34

2-Butanone

Concen: 0.003 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.001 min

Lab File: VL039631.D

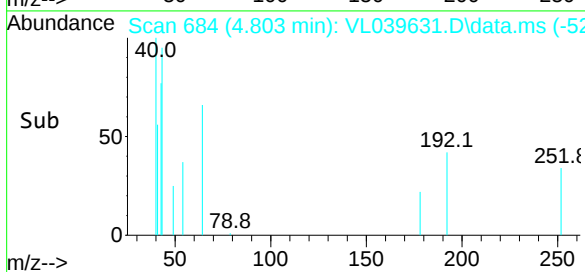
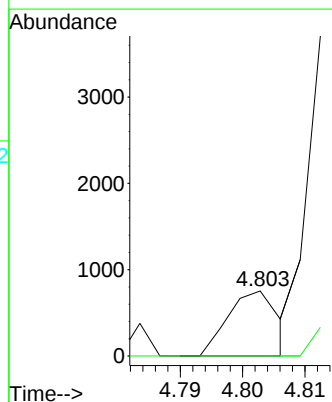
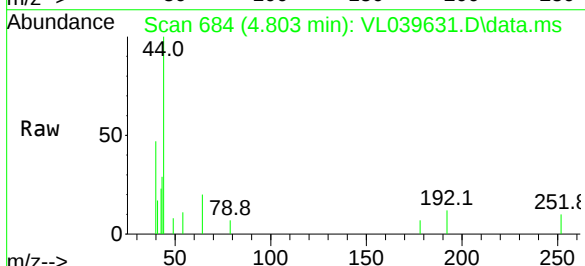
Acq: 19 Sep 2022 11:40

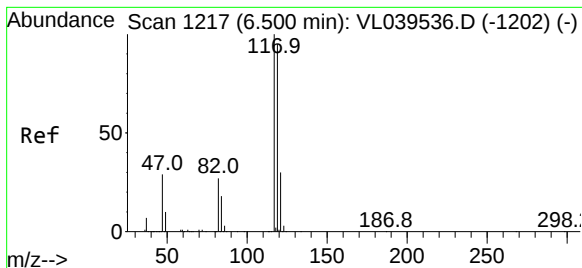
Tgt Ion: 43 Resp: 418

Ion Ratio Lower Upper

43 100

72 0.0 17.9 26.9#

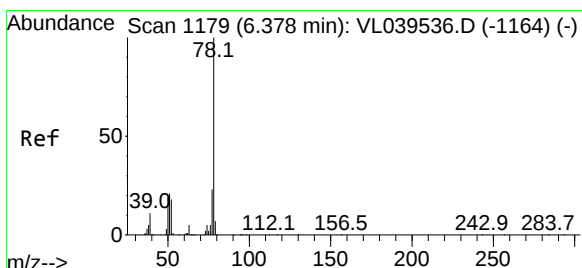
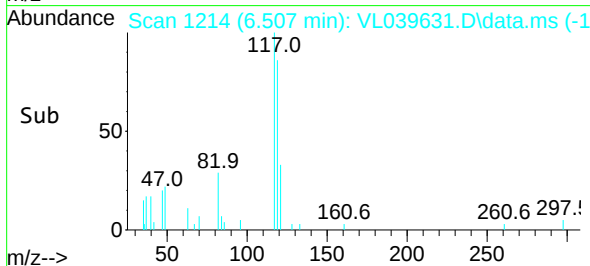
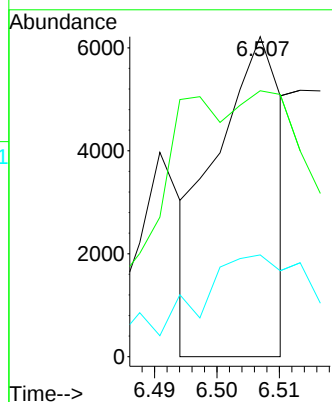
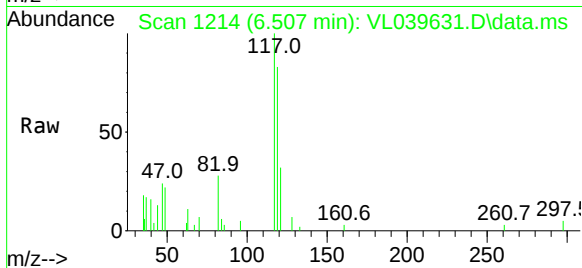




#35
Carbon Tetrachloride
Concen: 0.029 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

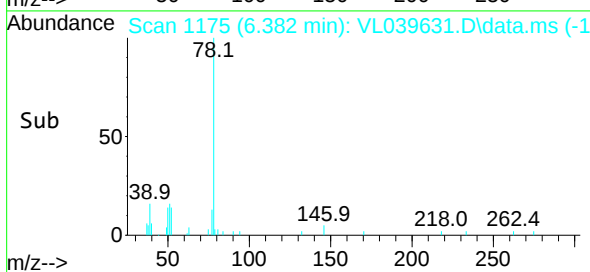
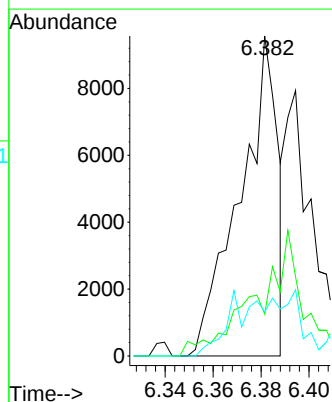
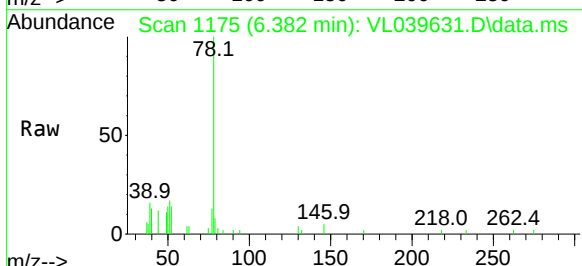
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

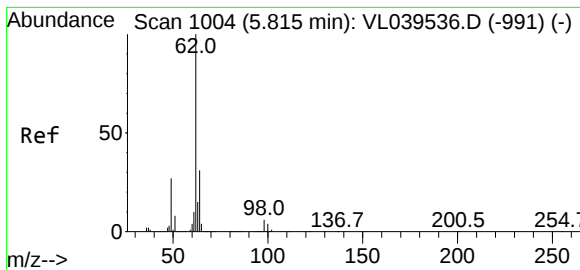
Tgt Ion:117 Resp: 4611
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 24.3 24.2 36.2



#36
Benzene
Concen: 0.046 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 78 Resp: 10399
Ion Ratio Lower Upper
78 100
77 13.1 20.3 30.5#
50 13.8 15.5 23.3#

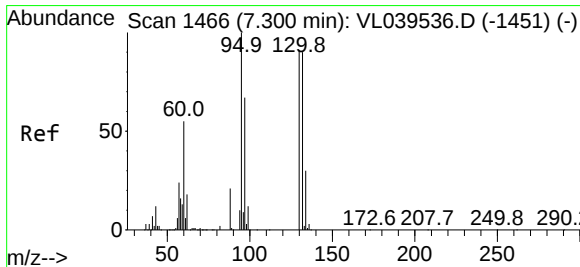
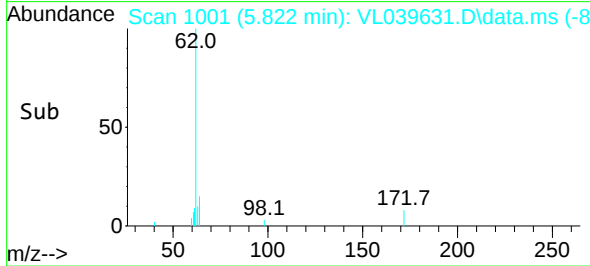
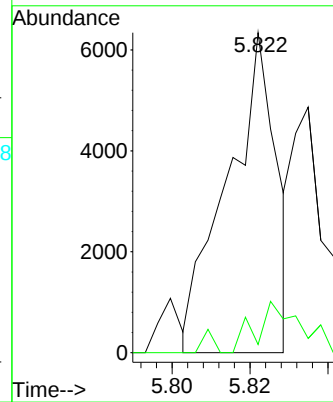
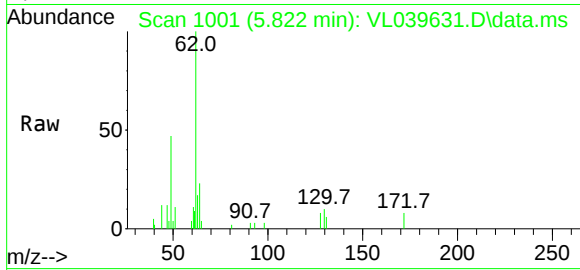




#37
1,2-Dichloroethane
Concen: 0.044 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

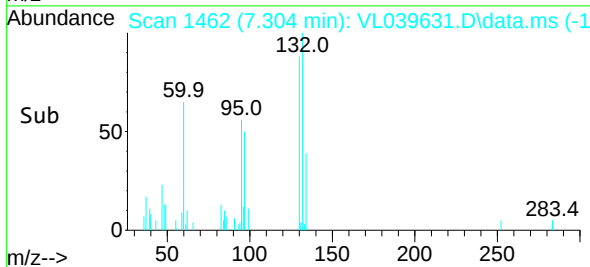
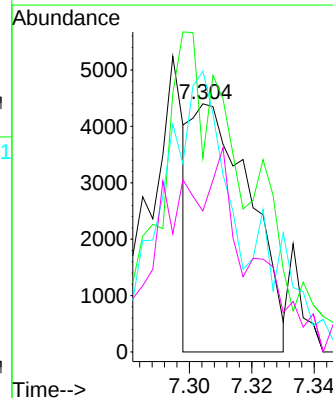
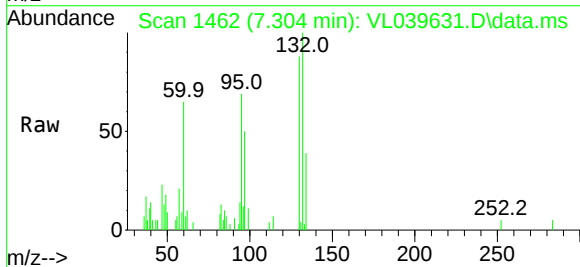
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

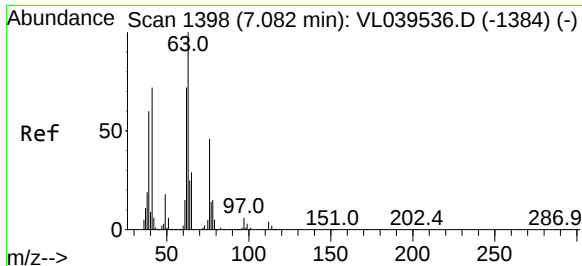
Tgt Ion: 62 Resp: 5521
Ion Ratio Lower Upper
62 100
98 16.0 5.1 7.7#



#38
Trichloroethene
Concen: 0.047 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 130 Resp: 5849
Ion Ratio Lower Upper
130 100
95 51.0 87.3 130.9#
132 74.2 76.7 115.1#
97 46.7 56.5 84.7#

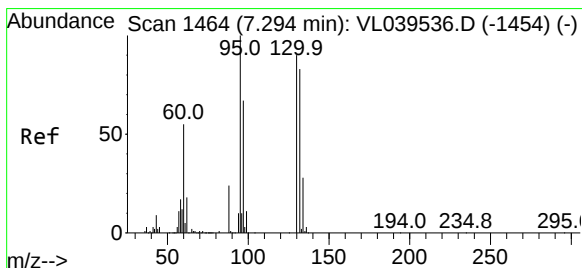
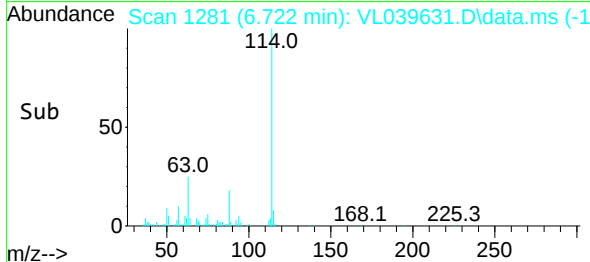
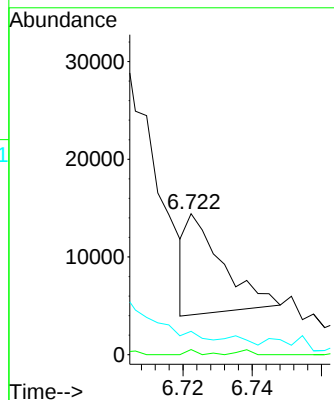
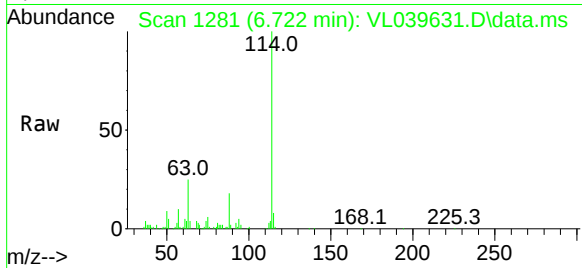




#39
 1,2-Dichloropropane
 Concen: 0.084 ppbv
 RT: 6.722 min Scan# 11
 Delta R.T. -0.359 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

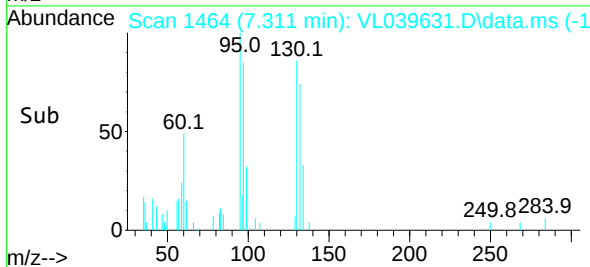
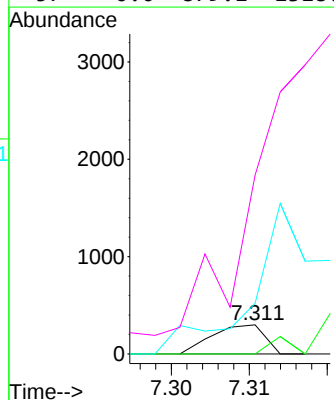
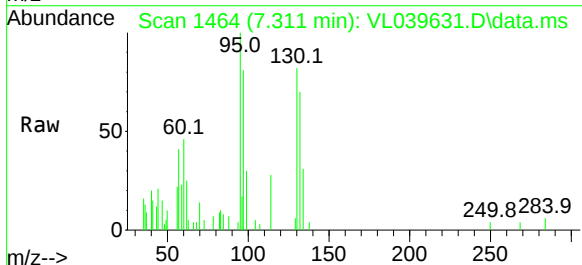
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

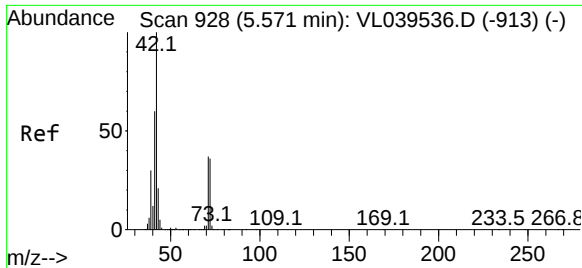
Tgt Ion: 63 Resp: 7389
 Ion Ratio Lower Upper
 63 100
 41 5.5 59.6 89.4#
 62 9.0 51.4 77.0#



#40
 1,4-Dioxane
 Concen: 0.004 ppbv
 RT: 7.311 min Scan# 1464
 Delta R.T. 0.017 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 88 Resp: 140
 Ion Ratio Lower Upper
 88 100
 58 0.0 100.2 150.4#
 43 0.0 205.8 308.6#
 57 0.0 879.1 1318.7#

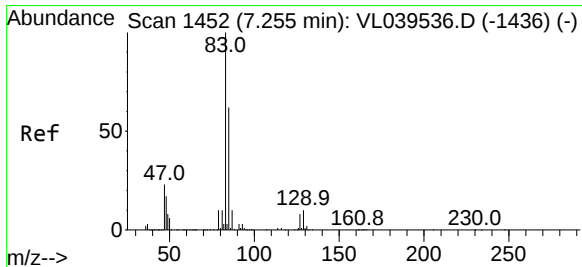
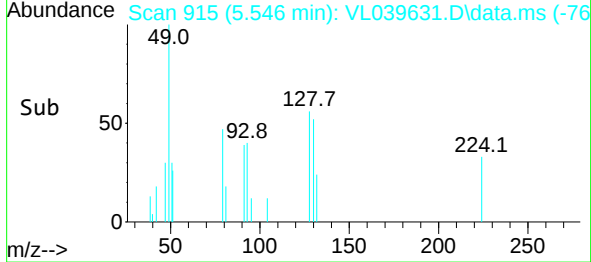
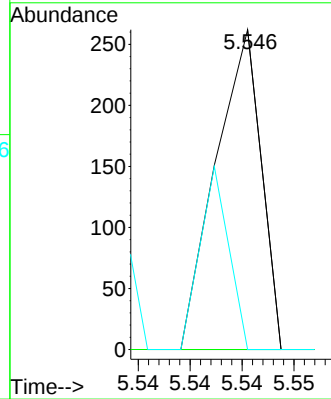
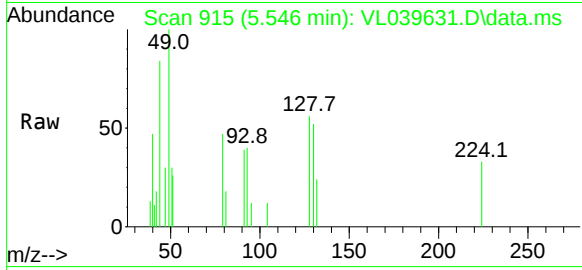




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.546 min Scan# 915
Delta R.T. -0.025 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

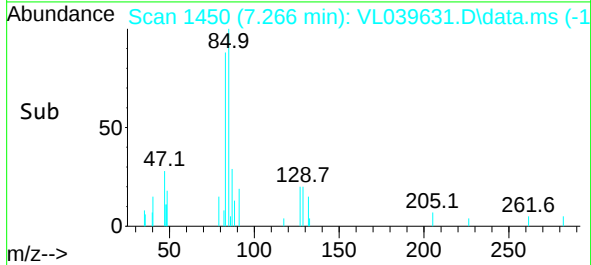
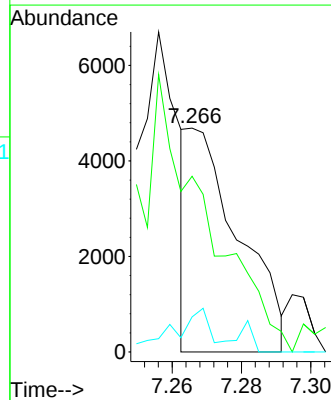
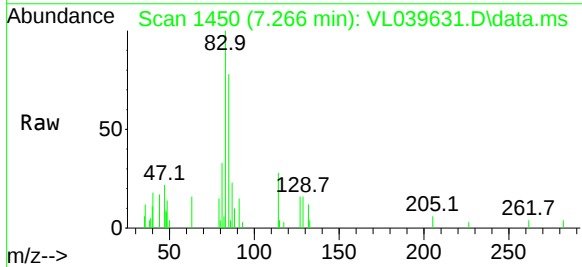
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

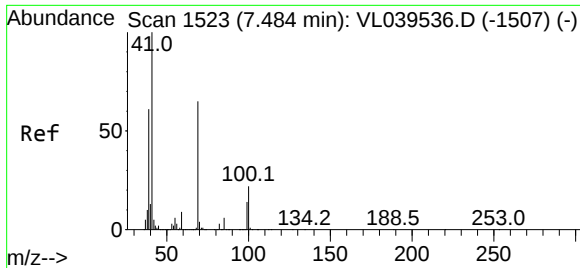
Tgt Ion: 42	Resp: 80
Ion Ratio	Lower Upper
42	100
72	0.0 31.8 47.8#
71	0.0 31.8 47.8#



#42
Bromodichloromethane
Concen: 0.028 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.010 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 83	Resp: 4808
Ion Ratio	Lower Upper
83	100
85	82.5 50.7 76.1#
127	18.7 6.6 9.8#

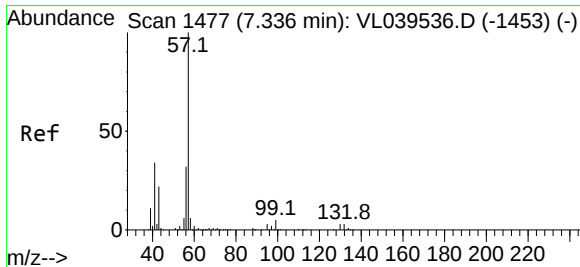
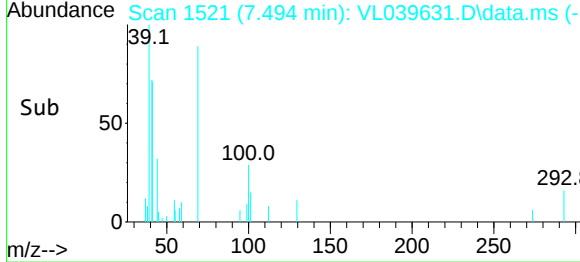
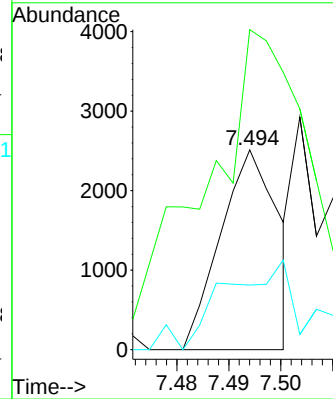
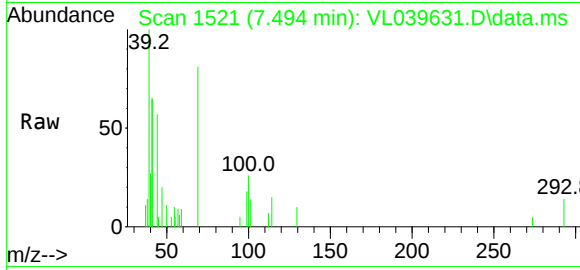




#43
Methyl Methacrylate
Concen: 0.023 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

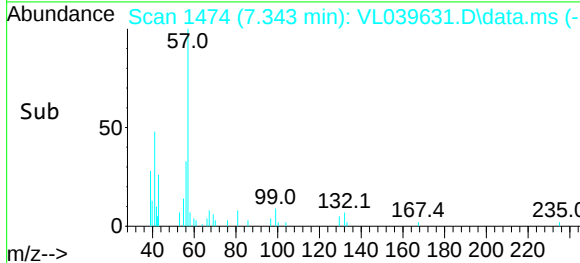
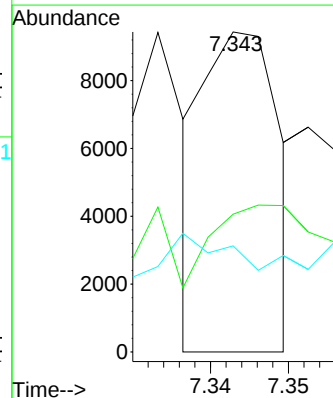
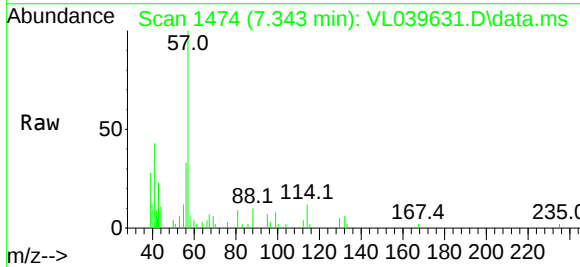
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

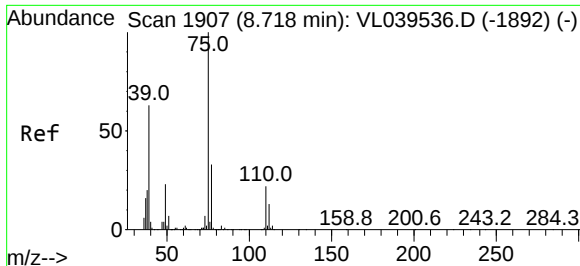
Tgt Ion: 69 Resp: 1924
Ion Ratio Lower Upper
69 100
41 399.3 120.8 181.2#
100 0.0 27.8 41.6#



#44
2,2,4-Trimethylpentane
Concen: 0.016 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 57 Resp: 6377
Ion Ratio Lower Upper
57 100
41 176.0 27.4 41.2#
56 0.0 24.5 36.7#





#45

t-1,3-Dichloropropene

Concen: 0.007 ppbv

RT: 8.722 min Scan# 1907

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

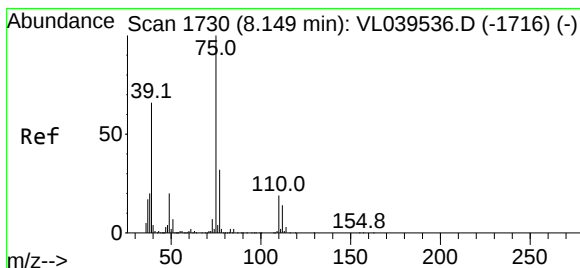
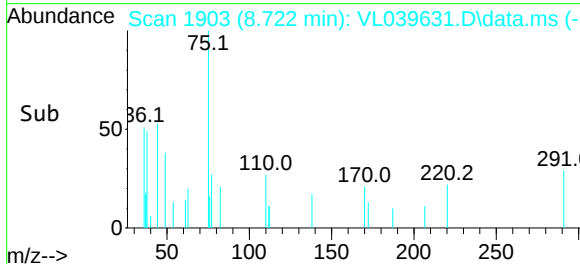
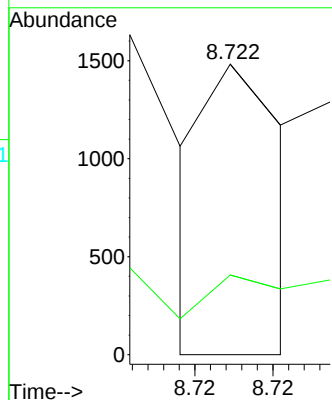
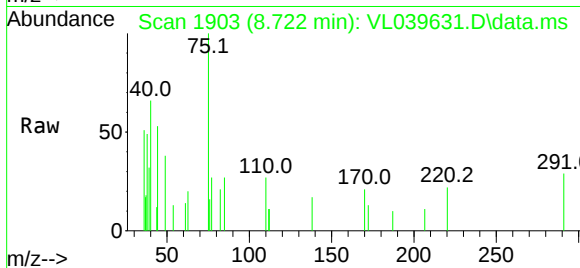
VSTDIC0.1

Tgt Ion: 75 Resp: 511

Ion Ratio Lower Upper

75 100

77 27.4 24.6 36.8



#46

cis-1,3-Dichloropropene

Concen: 0.013 ppbv

RT: 8.160 min Scan# 1728

Delta R.T. 0.010 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

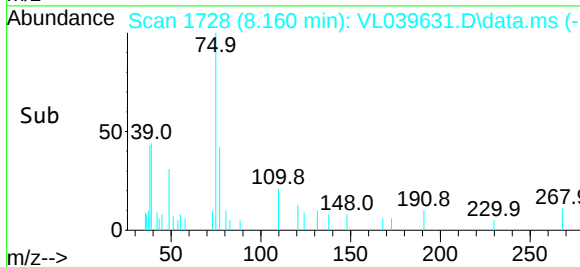
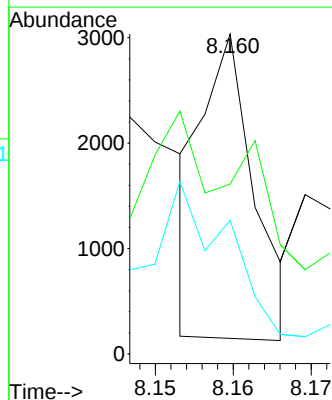
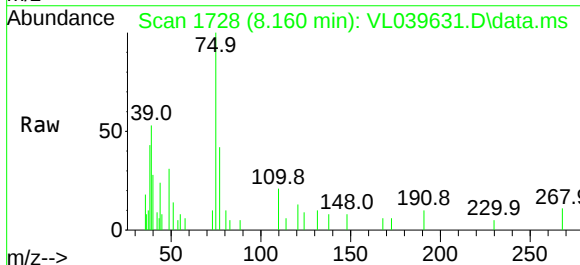
Tgt Ion: 75 Resp: 1348

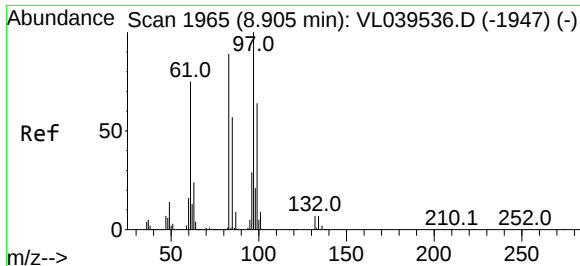
Ion Ratio Lower Upper

75 100

39 26.5 55.0 82.4#

77 50.0 25.7 38.5#

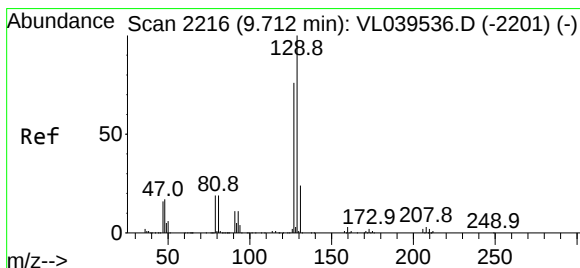
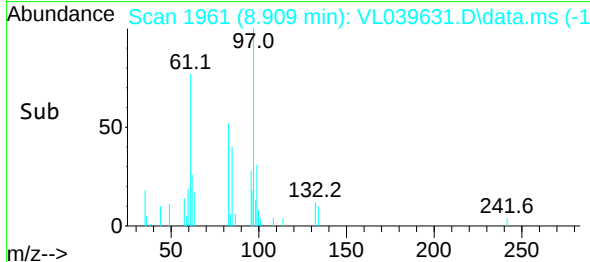
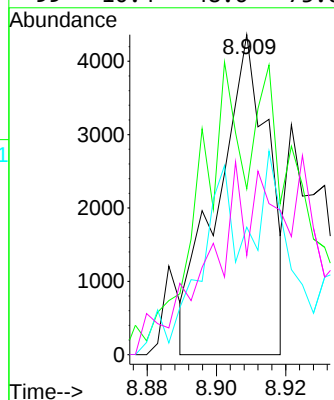
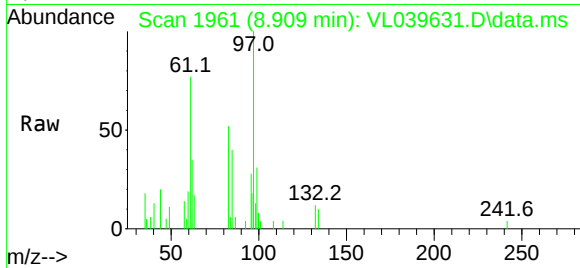




#47
1,1,2-Trichloroethane
Concen: 0.046 ppbv
RT: 8.909 min Scan# 1965
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

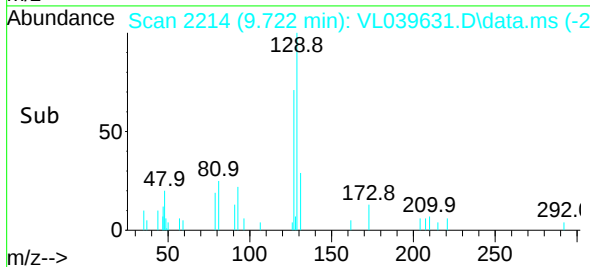
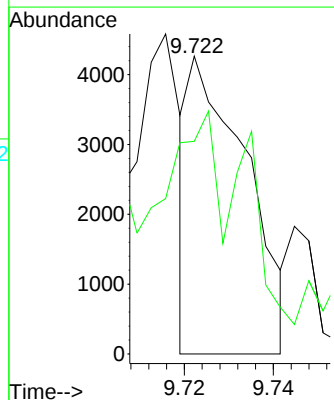
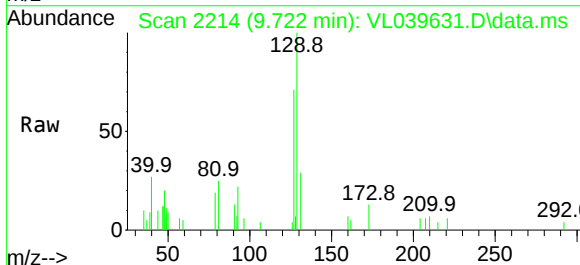
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

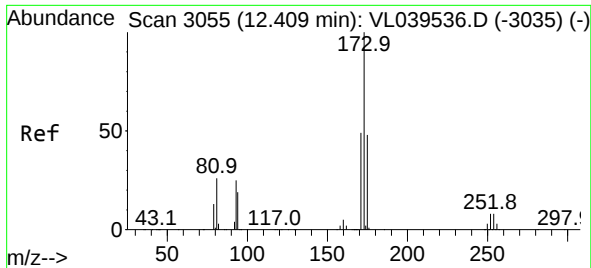
Tgt Ion: 97	Resp: 4456
Ion Ratio	Lower Upper
97 100	
83 39.1	67.4 101.0#
85 30.0	45.1 67.7#
99 10.4	48.6 73.0#



#48
Dibromochloromethane
Concen: 0.026 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.010 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion:129	Resp:	3832	
Ion	Ratio	Lower	Upper
129	100		
127	195.6	39.3	117.9#





#49

Bromoform

Concen: 0.021 ppbv

RT: 12.417 min Scan# 3055

Delta R.T. 0.007 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

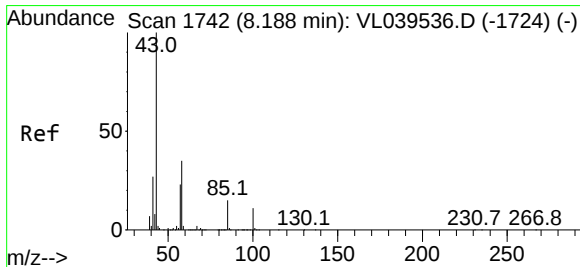
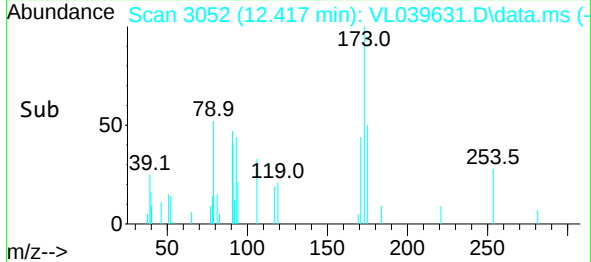
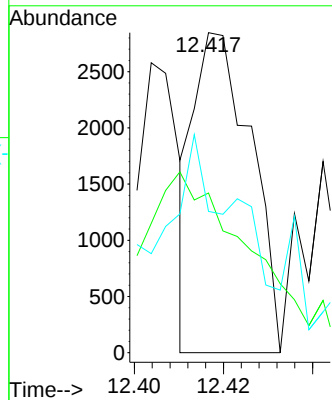
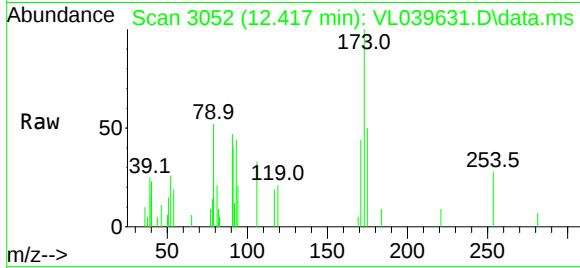
Tgt Ion:173 Resp: 2542

Ion Ratio Lower Upper

173 100

175 133.6 40.3 60.5#

171 127.4 42.9 64.3#



#50

4-Methyl-2-Pentanone

Concen: 0.003 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.010 min

Lab File: VL039631.D

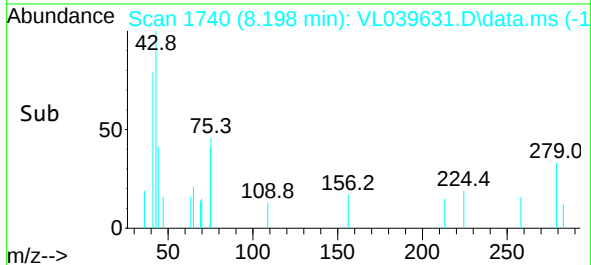
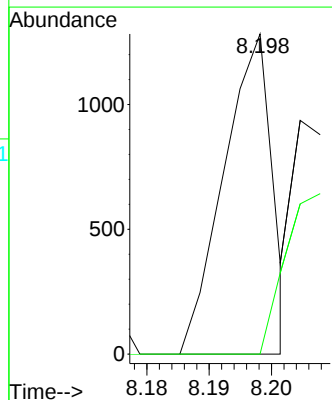
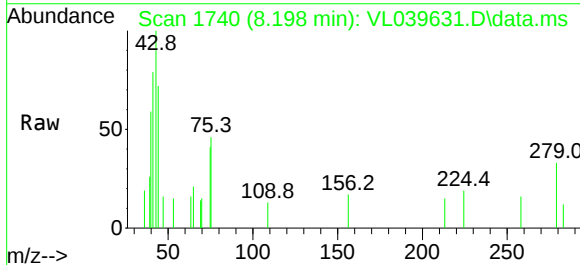
Acq: 19 Sep 2022 11:40

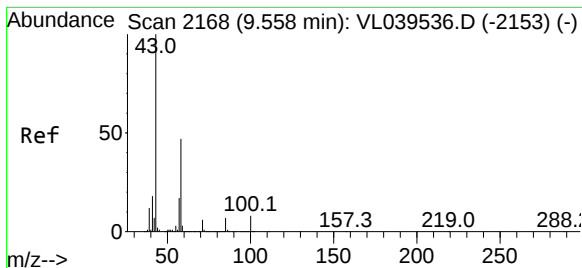
Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

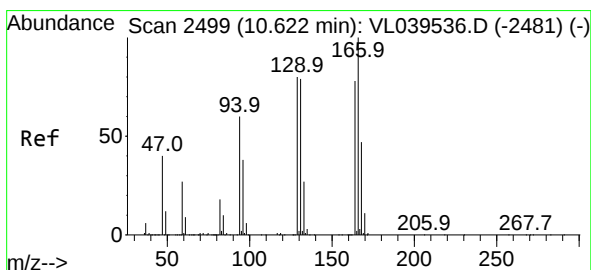
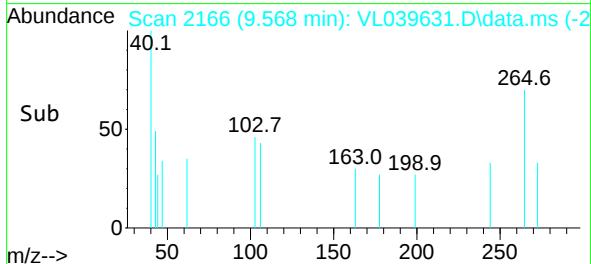
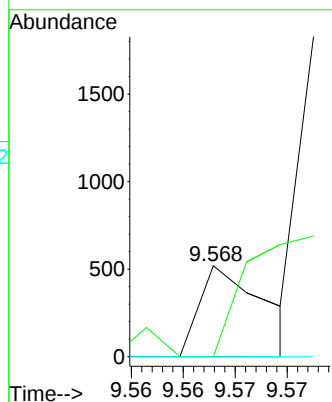
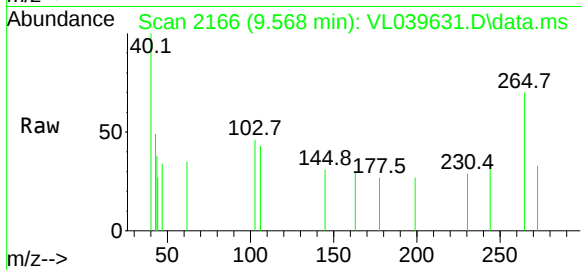




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.568 min Scan# 2168
Delta R.T. 0.010 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

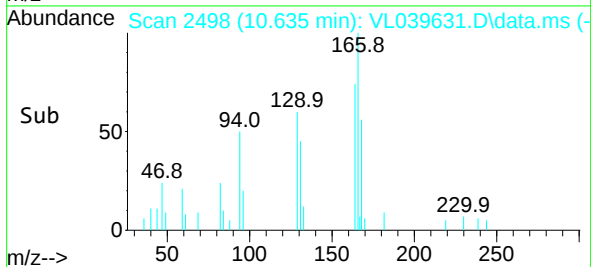
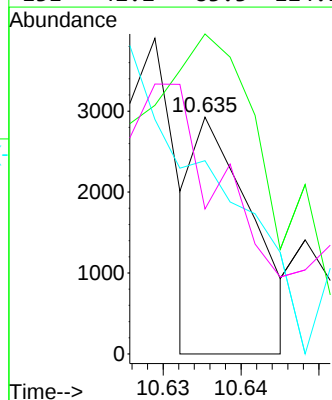
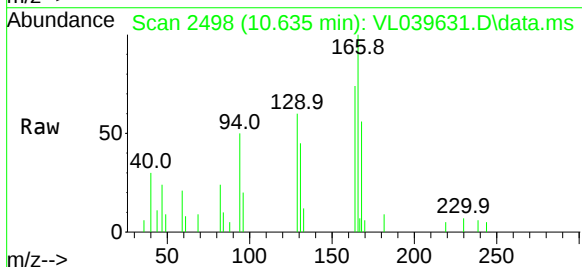
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

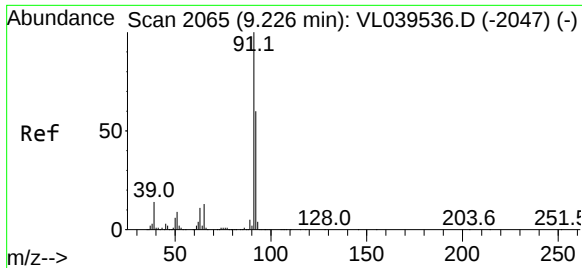
Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.017 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.014 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 164 Resp: 1508
Ion Ratio Lower Upper
164 100
166 133.5 102.2 153.2
129 56.7 85.8 128.8#
131 42.2 83.3 124.9#

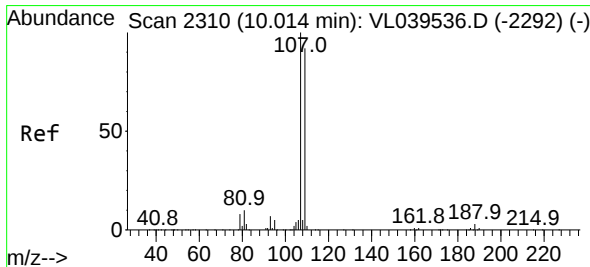
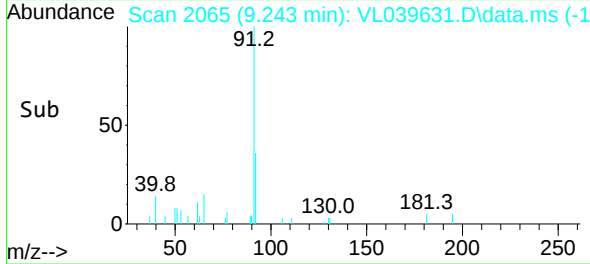
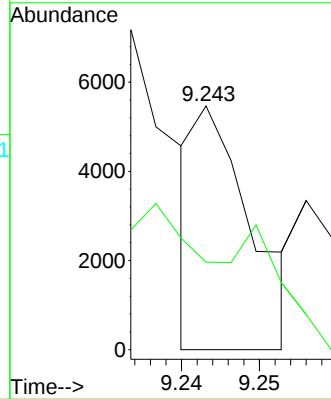
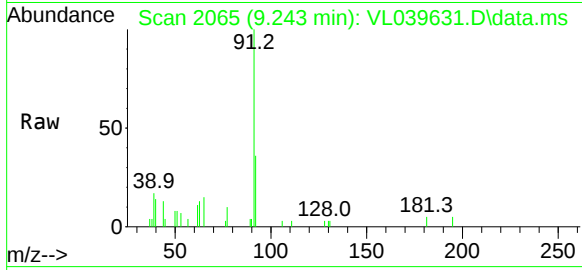




#53
Toluene
Concen: 0.011 ppbv
RT: 9.243 min Scan# 2065
Delta R.T. 0.017 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

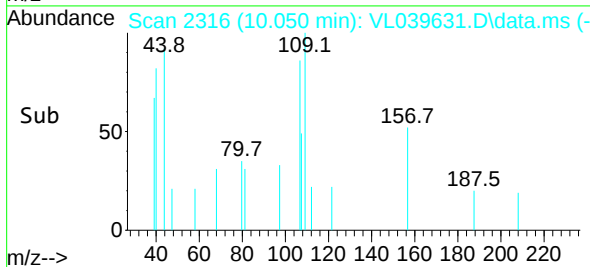
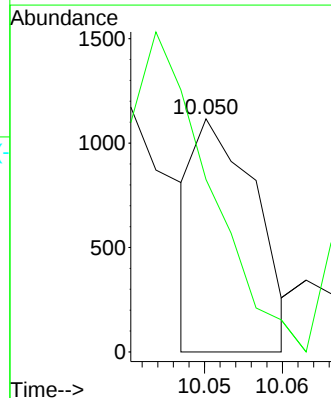
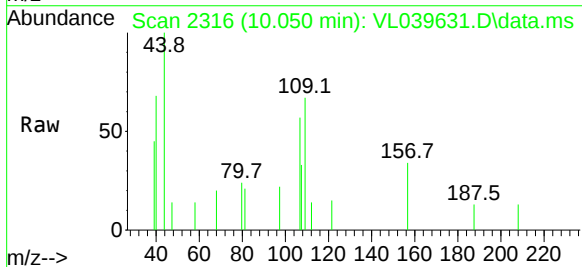
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

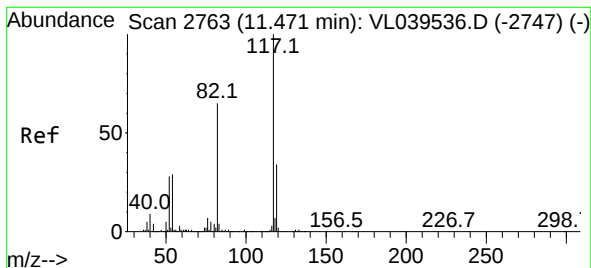
Tgt Ion: 91 Resp: 2721
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#



#54
1,2-Dibromoethane
Concen: 0.006 ppbv
RT: 10.050 min Scan# 2316
Delta R.T. 0.036 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 107 Resp: 600
Ion Ratio Lower Upper
107 100
109 78.4 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

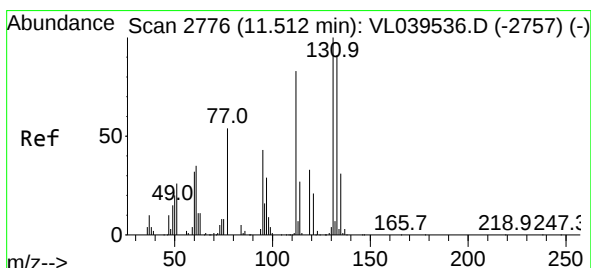
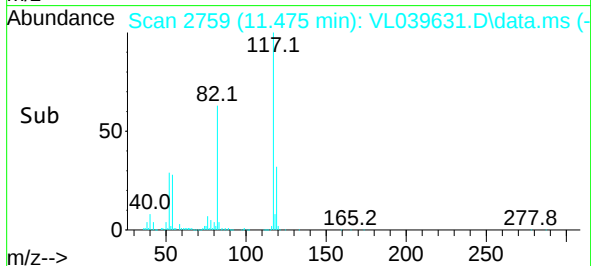
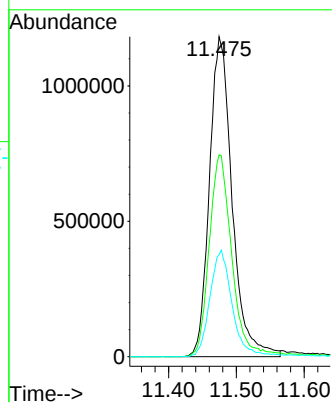
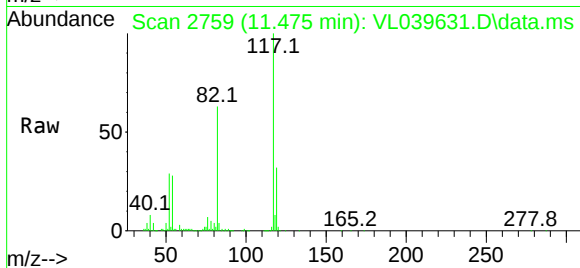
Tgt Ion:117 Resp: 2742864

Ion Ratio Lower Upper

117 100

82 64.7 50.8 76.2

119 33.6 24.1 36.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.019 ppbv

RT: 11.520 min Scan# 2773

Delta R.T. 0.007 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

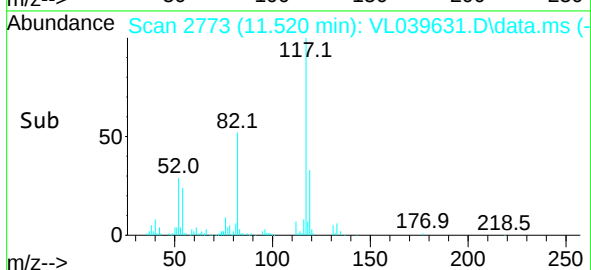
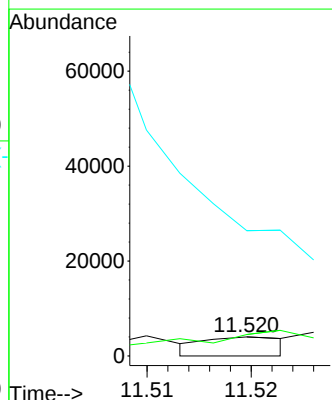
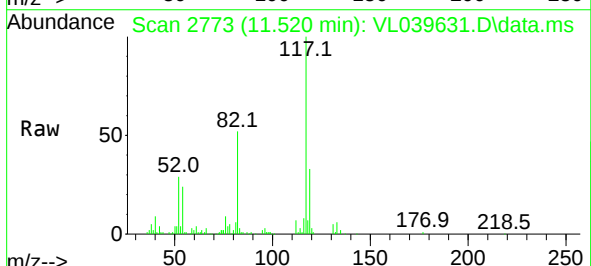
Tgt Ion:131 Resp: 2159

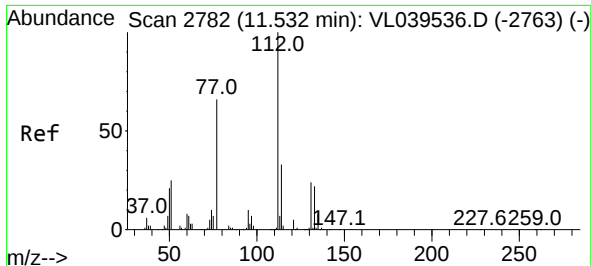
Ion Ratio Lower Upper

131 100

133 0.0 76.8 115.2#

119 0.0 46.2 69.4#

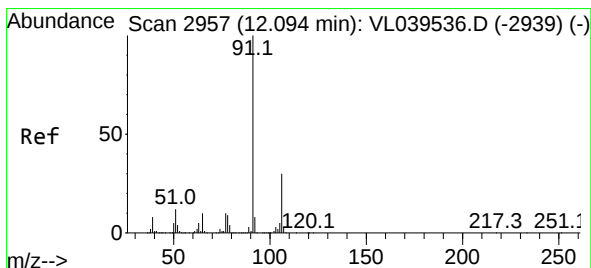
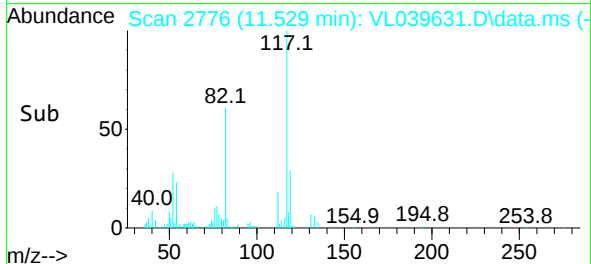
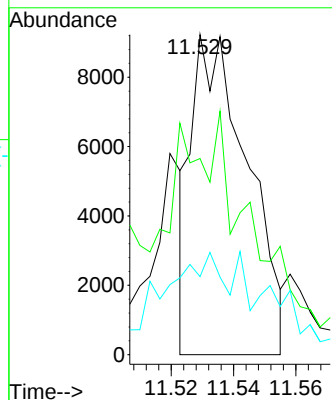
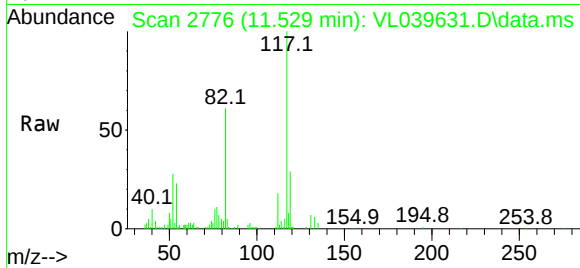




#57
Chlorobenzene
Concen: 0.057 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.002 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

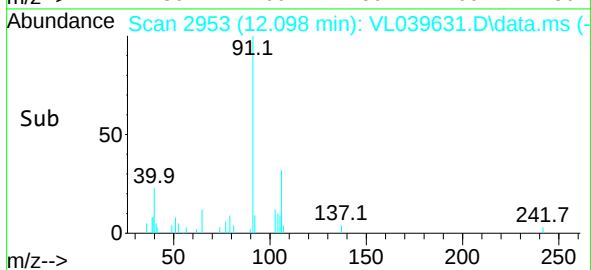
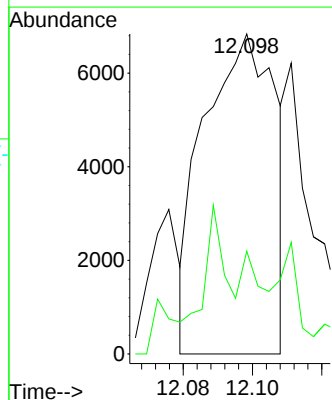
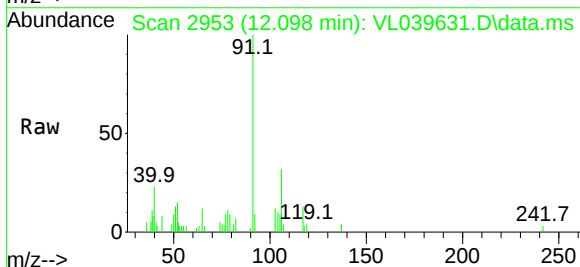
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

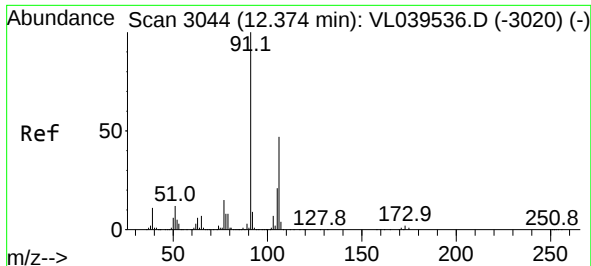
Tgt Ion:112 Resp: 11512
Ion Ratio Lower Upper
112 100
77 34.5 51.0 76.4#
114 8.2 27.5 33.6#



#58
Ethyl Benzene
Concen: 0.031 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 91 Resp: 9778
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0





#59

m/p-Xylene

Concen: 0.053 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

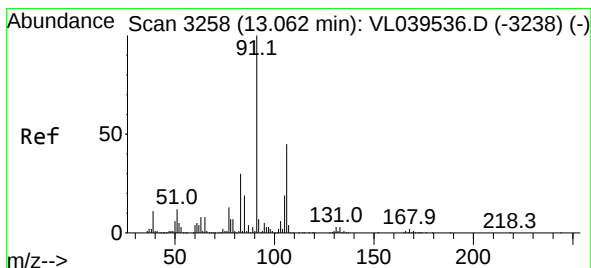
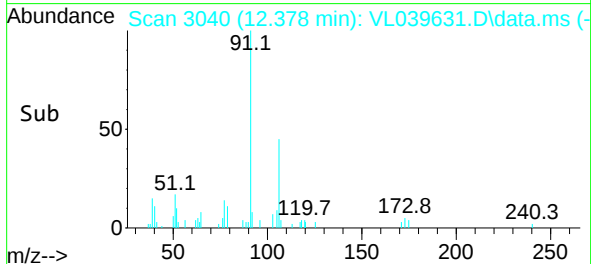
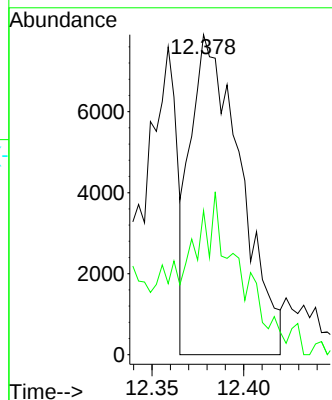
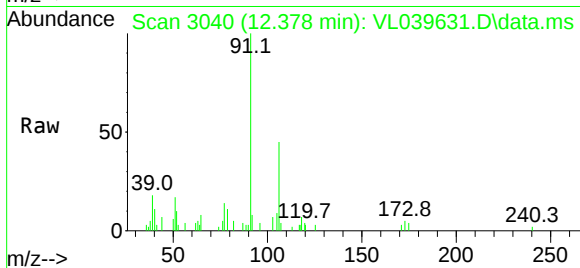
VSTDIC0.1

Tgt Ion: 91 Resp: 14968

Ion Ratio Lower Upper

91 100

106 78.1 35.4 53.2#



#60

o-Xylene

Concen: 0.013 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039631.D

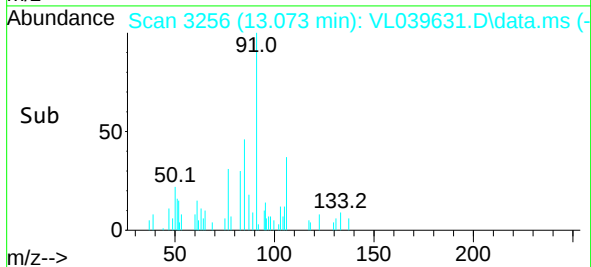
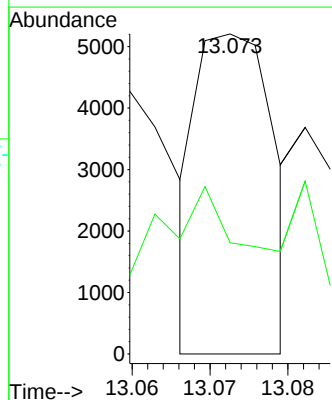
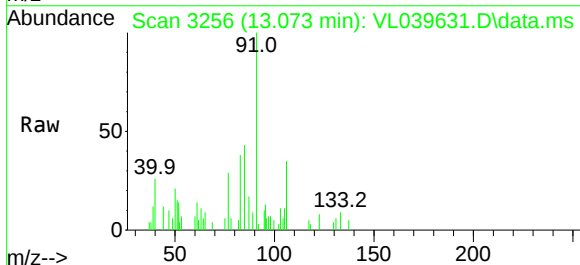
Acq: 19 Sep 2022 11:40

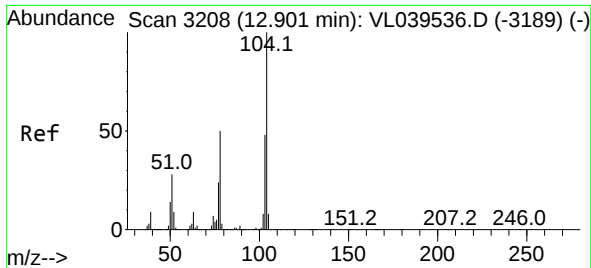
Tgt Ion: 91 Resp: 3552

Ion Ratio Lower Upper

91 100

106 0.0 22.4 67.3#





#61

Styrene

Concen: 0.011 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

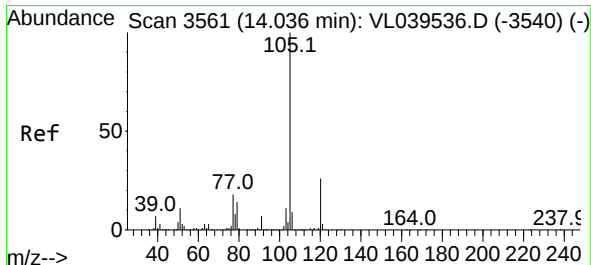
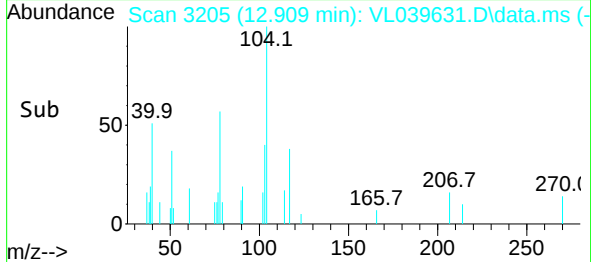
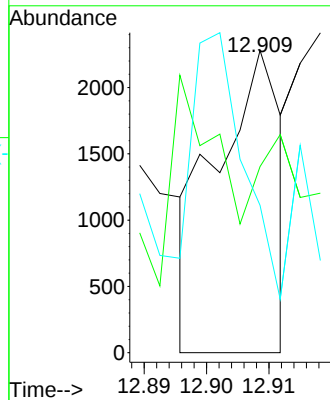
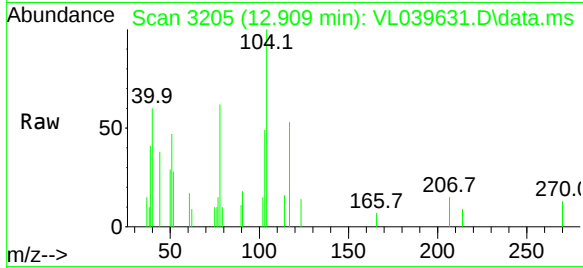
Tgt Ion:104 Resp: 1659

Ion Ratio Lower Upper

104 100

78 217.4 41.2 61.8#

103 217.1 38.7 58.1#



#62

Isopropylbenzene

Concen: 0.025 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL039631.D

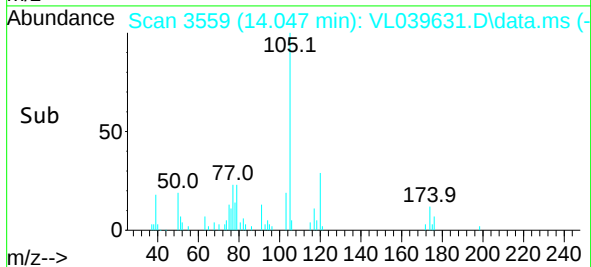
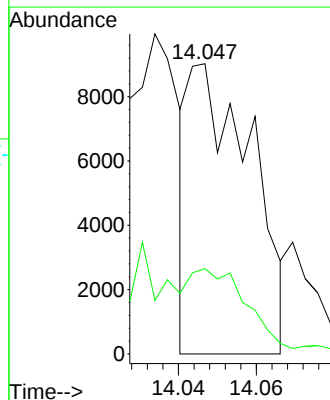
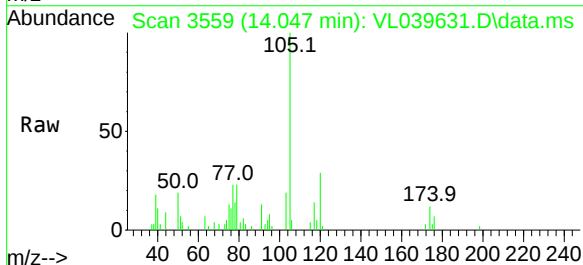
Acq: 19 Sep 2022 11:40

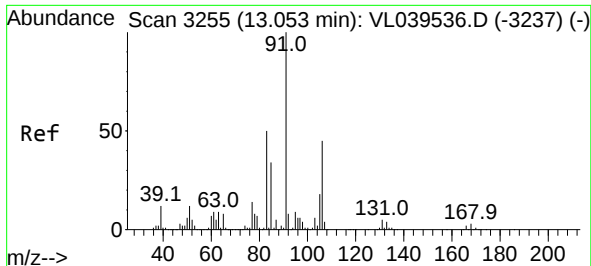
Tgt Ion:105 Resp: 10065

Ion Ratio Lower Upper

105 100

120 0.0 20.7 31.1#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.037 ppbv

RT: 13.053 min Scan# 31

Delta R.T. 0.001 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

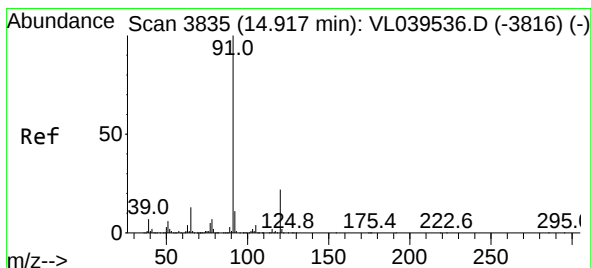
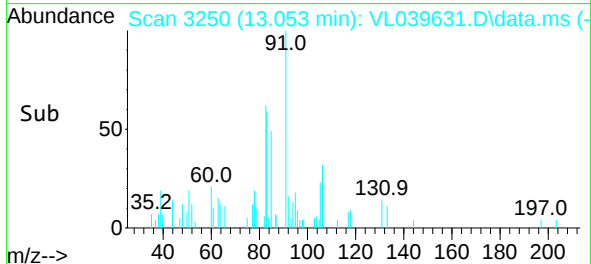
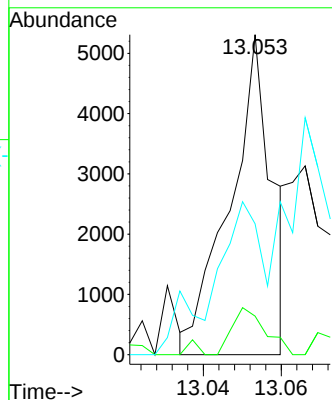
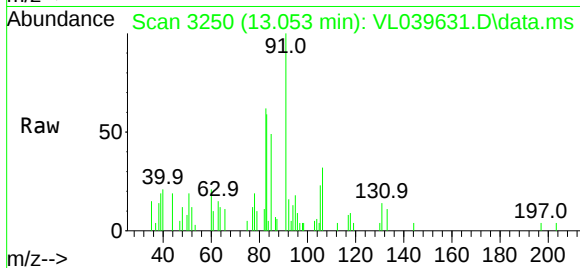
Tgt Ion: 83 Resp: 3958

Ion Ratio Lower Upper

83 100

131 21.9 5.3 15.8#

85 0.0 33.1 99.5#



#64

n-propylbenzene

Concen: 0.002 ppbv

RT: 15.146 min Scan# 3901

Delta R.T. 0.229 min

Lab File: VL039631.D

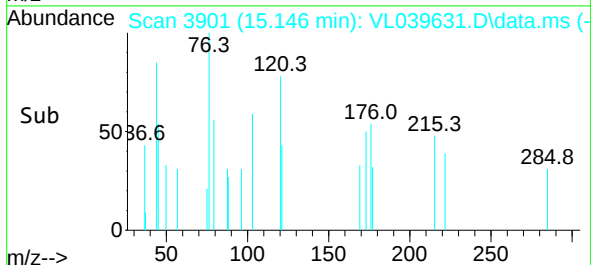
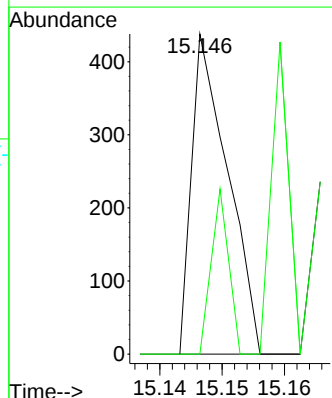
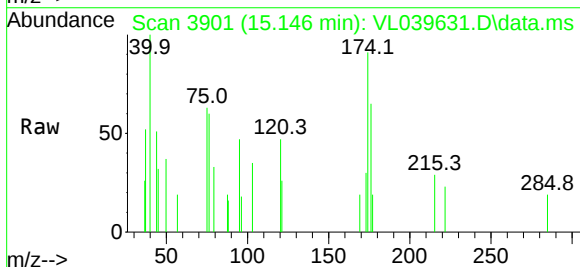
Acq: 19 Sep 2022 11:40

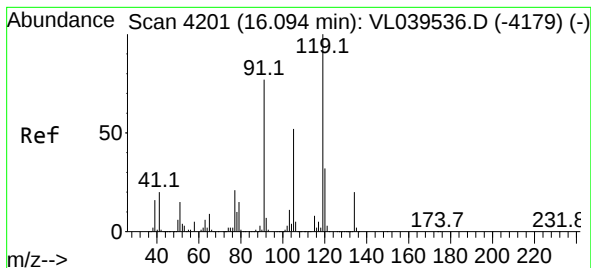
Tgt Ion: 120 Resp: 176

Ion Ratio Lower Upper

120 100

91 467.0 367.2 550.8





#65

tert-Butylbenzene

Concen: 0.011 ppbv

RT: 16.098 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

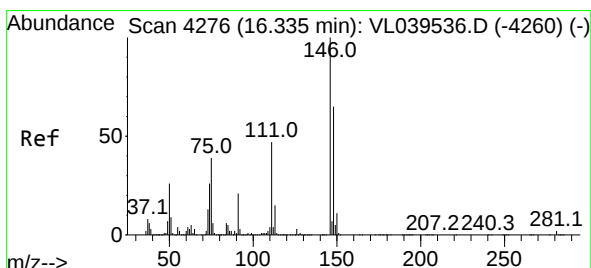
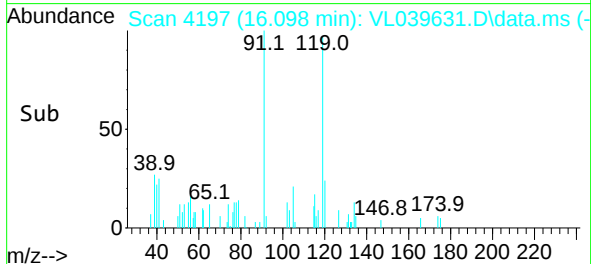
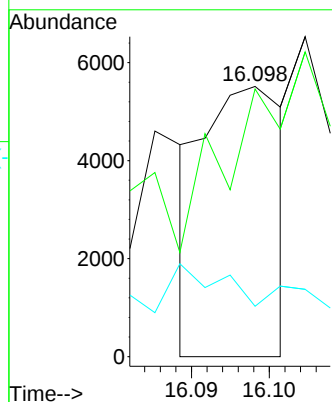
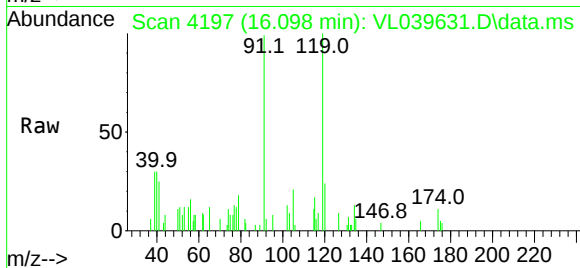
Tgt Ion:119 Resp: 3936

Ion Ratio Lower Upper

119 100

91 0.0 63.4 95.2#

134 0.0 15.9 23.9#



#66

Benzyl Chloride

Concen: 0.015 ppbv

RT: 16.346 min Scan# 4274

Delta R.T. 0.010 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

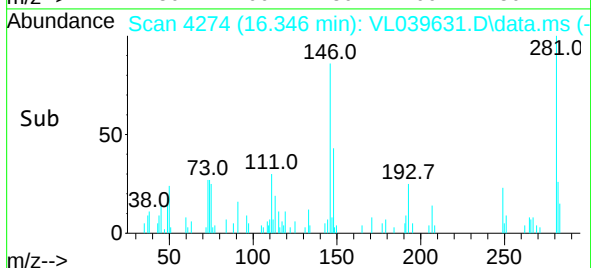
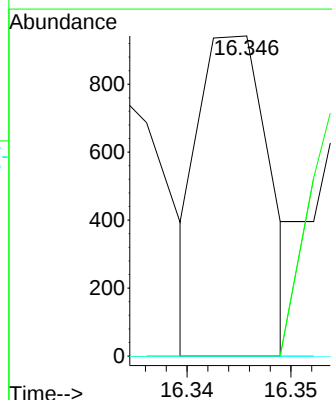
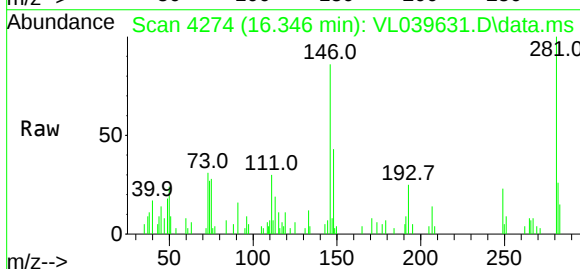
Tgt Ion: 91 Resp: 439

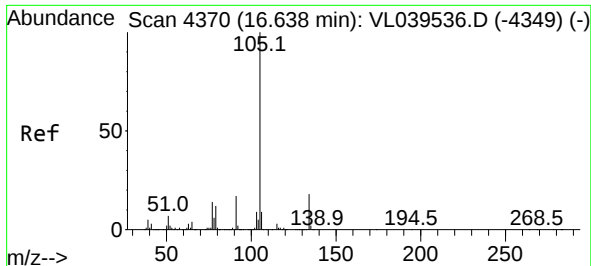
Ion Ratio Lower Upper

91 100

126 0.0 13.1 19.7#

128 0.0 4.4 6.6#

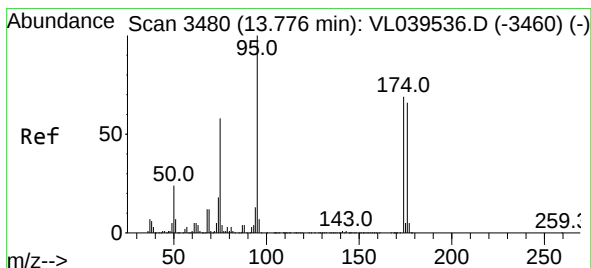
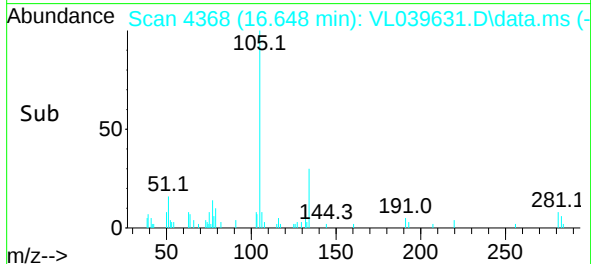
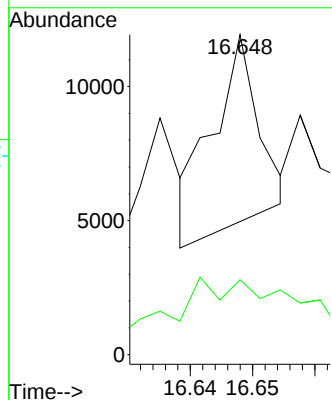
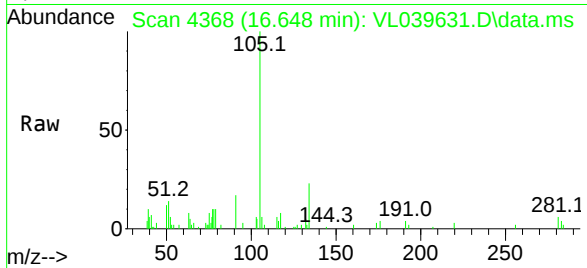




#67
 sec-Butylbenzene
 Concen: 0.007 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

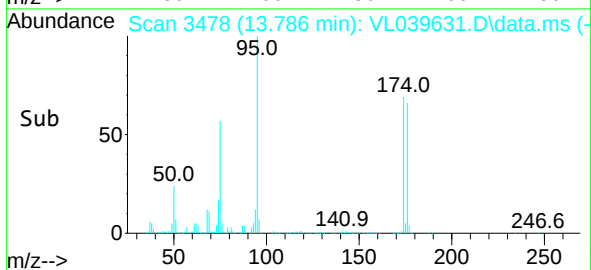
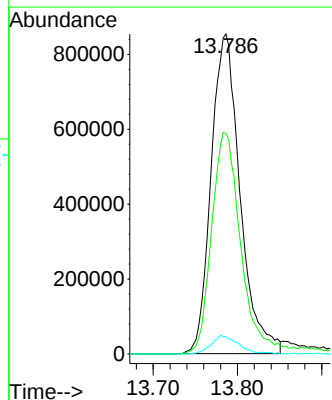
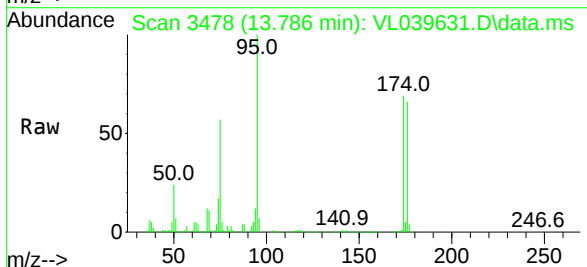
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

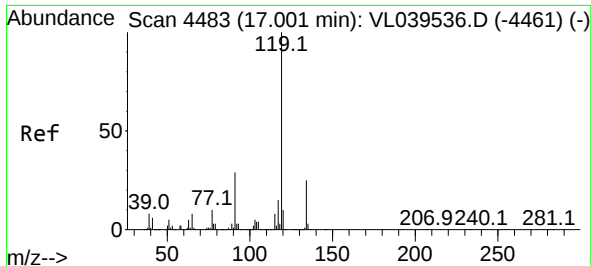
Tgt Ion:105 Resp: 3682
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.8 22.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.944 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 95 Resp: 2036055
 Ion Ratio Lower Upper
 95 100
 174 73.6 55.9 83.9
 175 5.5 4.2 6.4

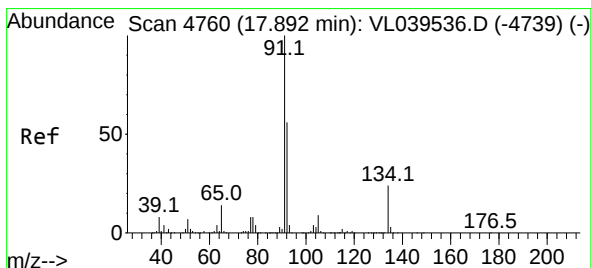
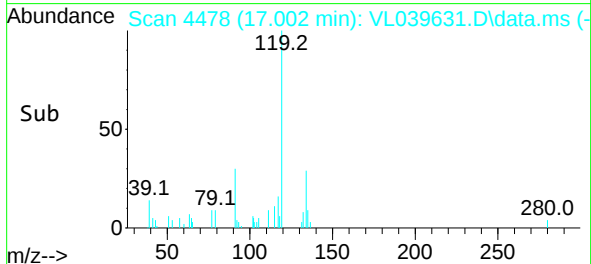
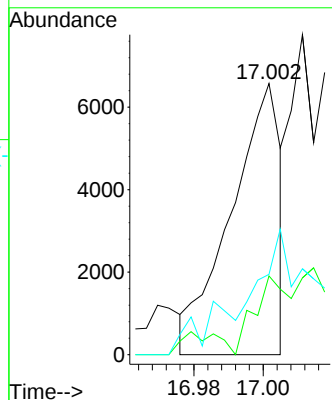
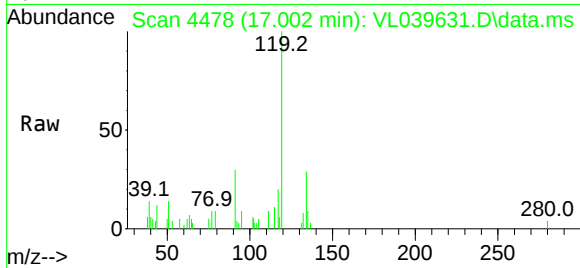




#69
 p-Isopropyltoluene
 Concen: 0.016 ppbv
 RT: 17.002 min Scan# 4483
 Delta R.T. 0.001 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

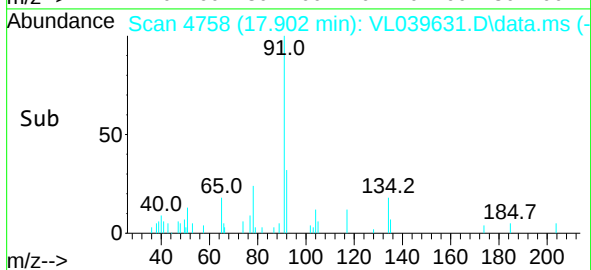
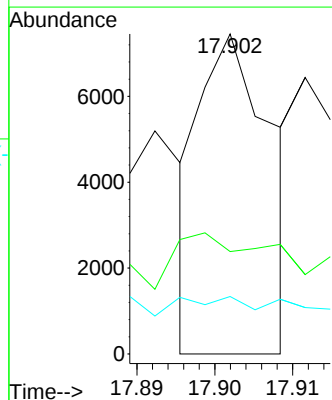
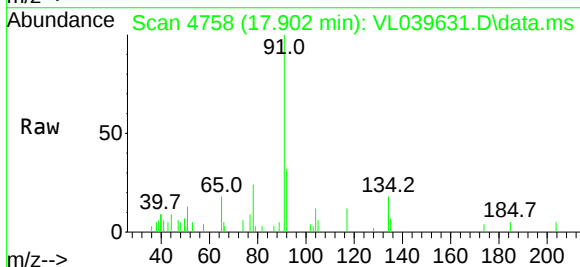
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

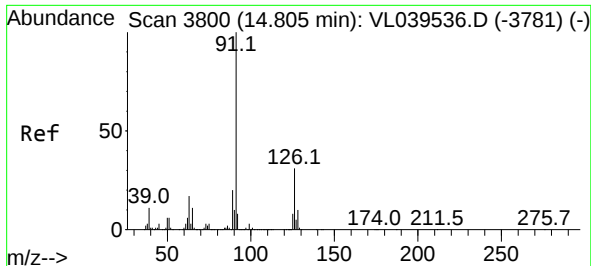
Tgt Ion: 119 Resp: 6498
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.3 30.5#
 91 72.7 22.9 34.3#



#70
 n-Butylbenzene
 Concen: 0.012 ppbv
 RT: 17.902 min Scan# 4758
 Delta R.T. 0.010 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion: 91 Resp: 4726
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.4 65.2#
 134 0.0 18.9 28.3#

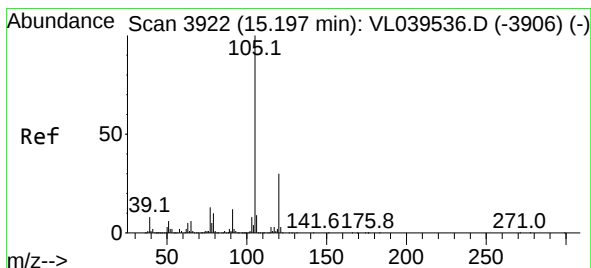
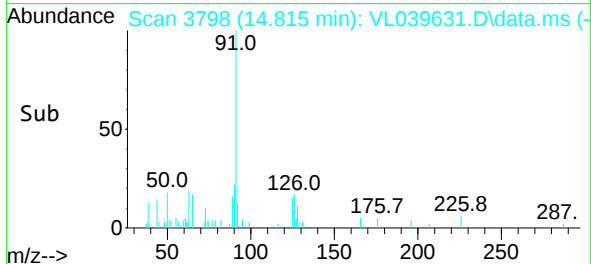
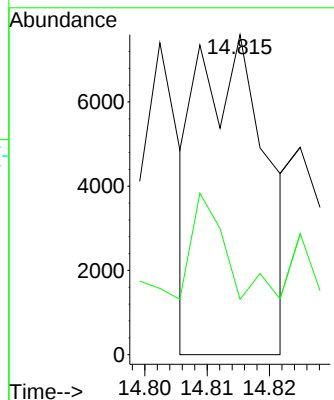
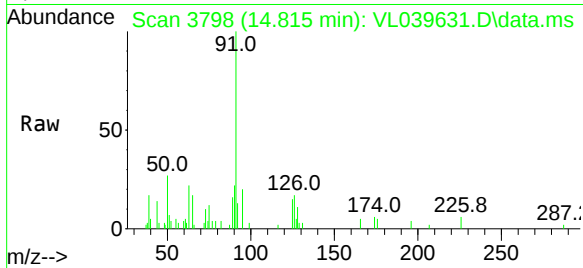




#71
2-Chlorotoluene
Concen: 0.020 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

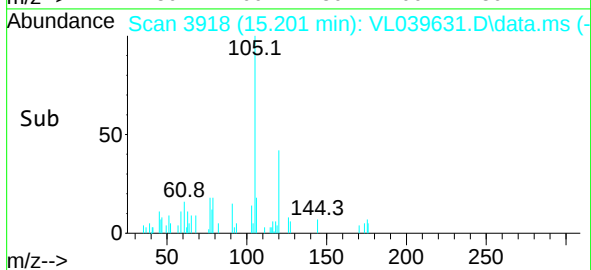
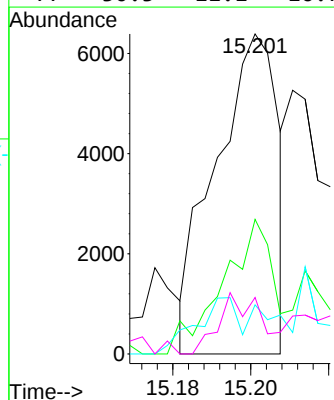
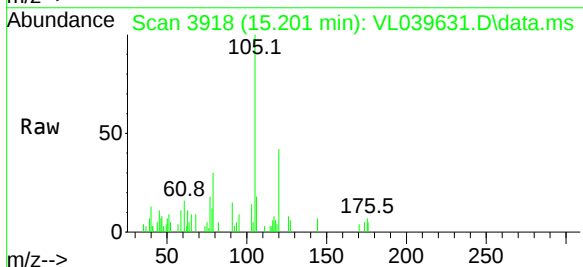
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

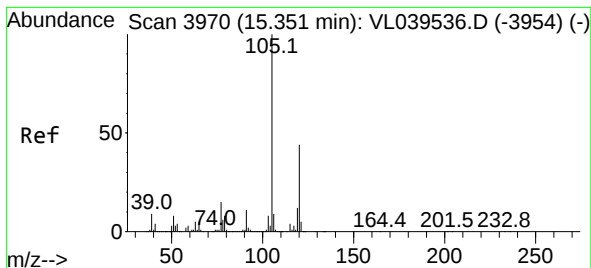
Tgt Ion: 91 Resp: 5699
Ion Ratio Lower Upper
91 100
126 103.6 13.0 51.8#



#72
4-Ethyltoluene
Concen: 0.023 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion: 105 Resp: 7108
Ion Ratio Lower Upper
105 100
120 57.4 24.2 36.2#
91 0.0 10.2 15.4#
77 30.3 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.013 ppbv

RT: 15.359 min Scan# 3970

Delta R.T. 0.007 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Instrument :

MSVOA_1

ClientSampleId :

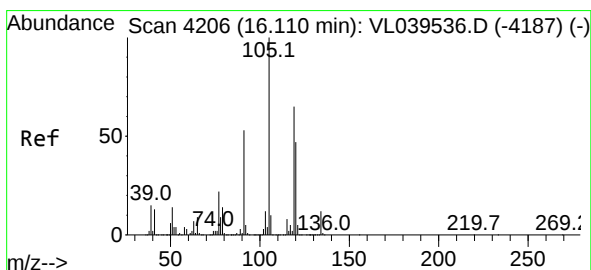
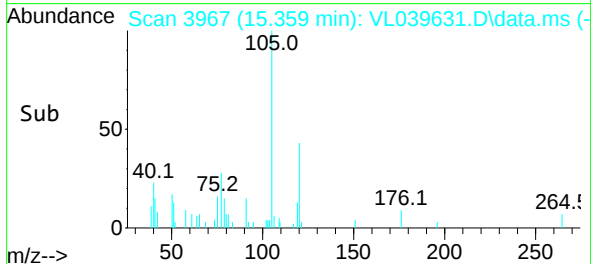
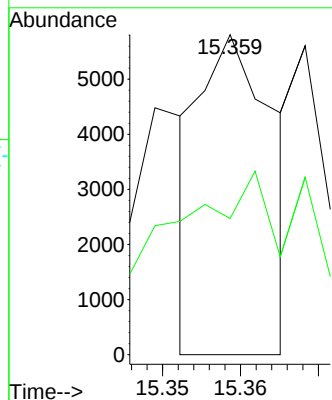
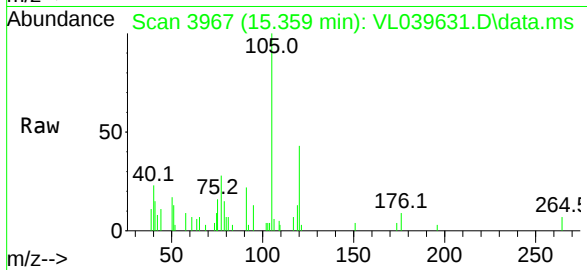
VSTDIC0.1

Tgt Ion:105 Resp: 3789

Ion Ratio Lower Upper

105 100

120 47.2 38.2 57.4



#74

1,2,4-Trimethylbenzene

Concen: 0.019 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.001 min

Lab File: VL039631.D

Acq: 19 Sep 2022 11:40

Tgt Ion:105 Resp: 5845

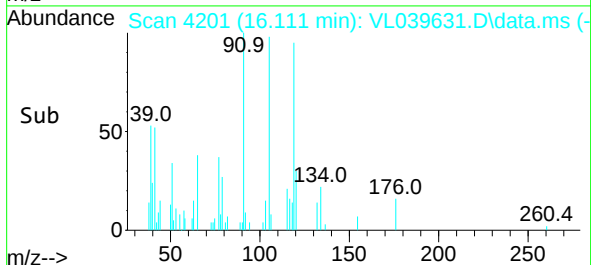
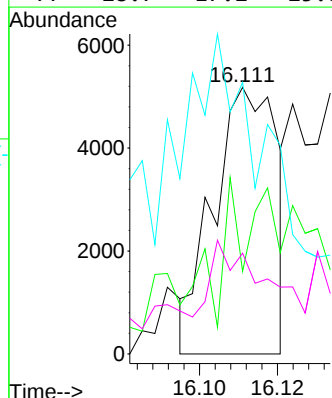
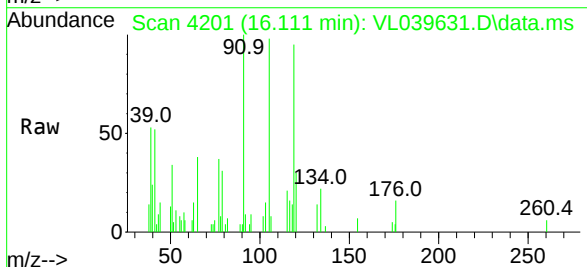
Ion Ratio Lower Upper

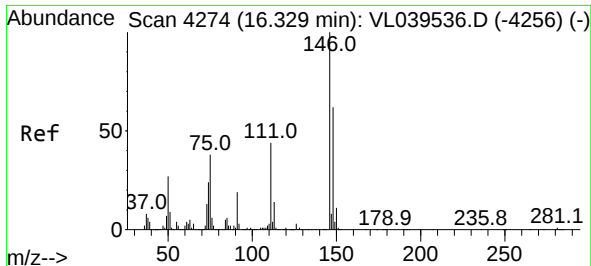
105 100

120 16.7 39.5 59.3#

91 47.9 39.2 58.8

77 28.7 17.2 25.8#

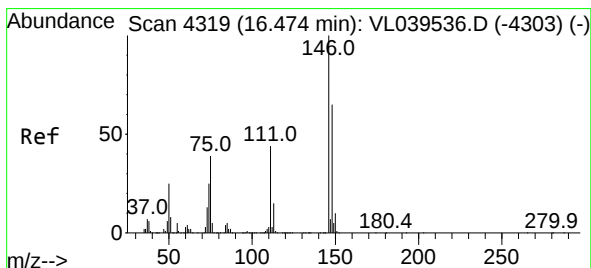
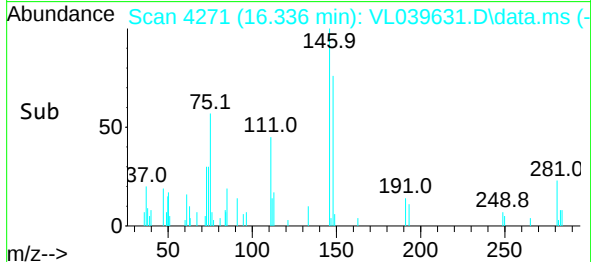
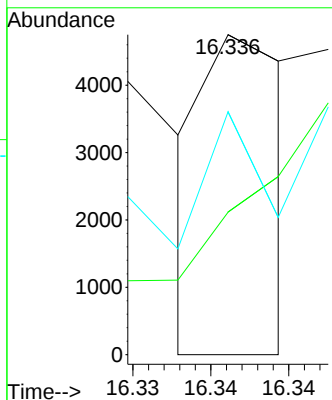
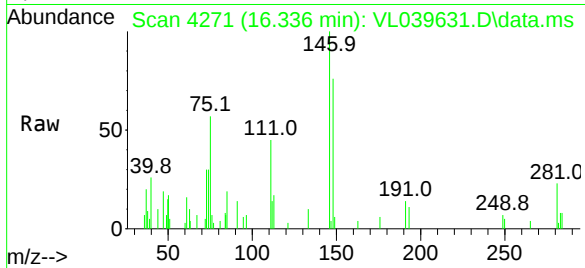




#75
1,3-Dichlorobenzene
Concen: 0.009 ppbv
RT: 16.336 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

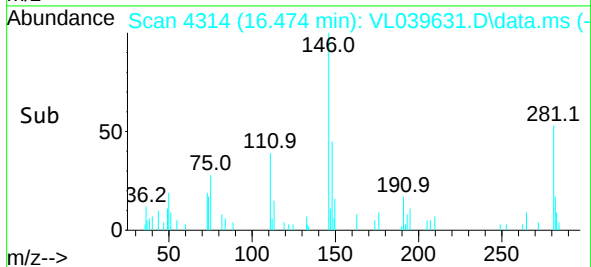
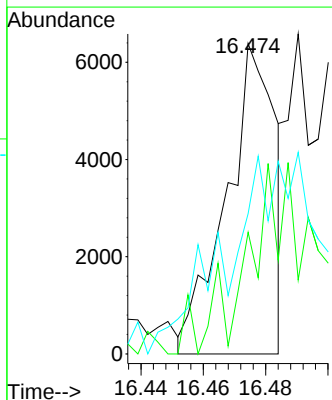
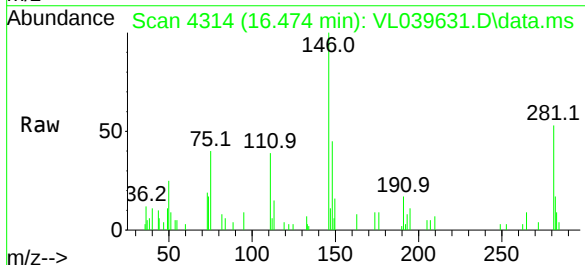
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

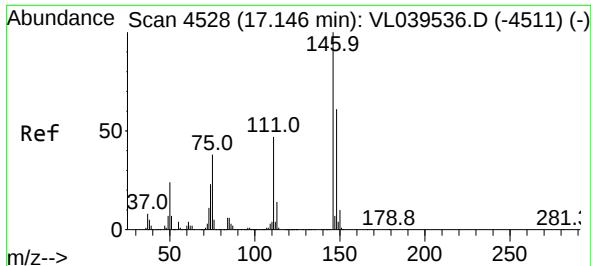
Tgt Ion:146 Resp: 1758
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.7#
148 0.0 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.037 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.001 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

Tgt Ion:146 Resp: 6889
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8#
148 0.0 33.6 100.8#

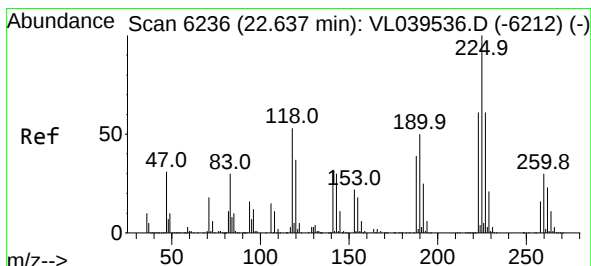
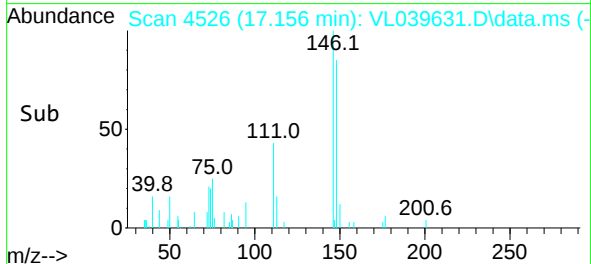
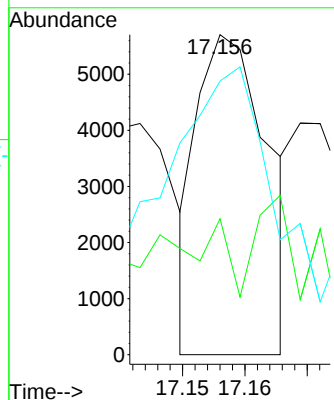
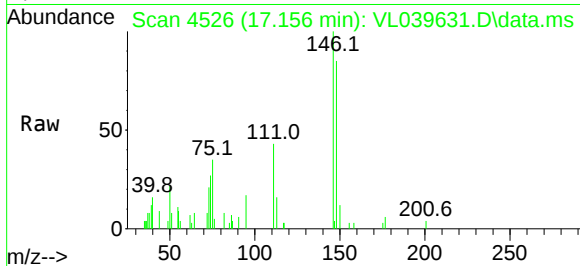




#77
 1,2-Dichlorobenzene
 Concen: 0.024 ppbv
 RT: 17.156 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

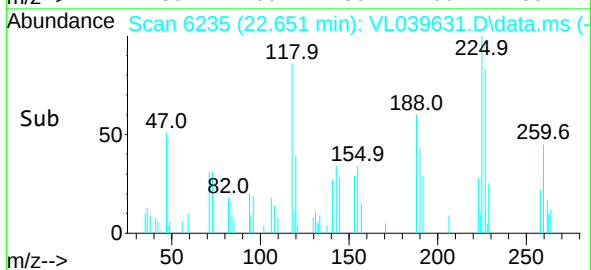
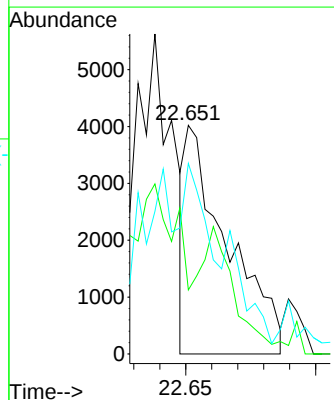
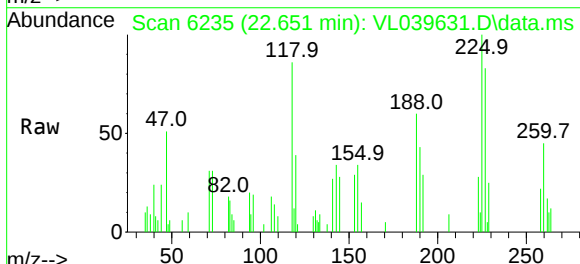
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

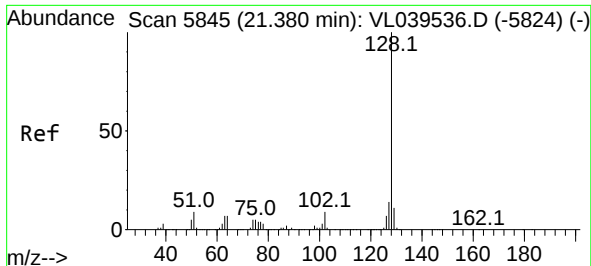
Tgt Ion:146 Resp: 4484
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.8 71.5#
 148 235.4 32.3 96.8#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.033 ppbv
 RT: 22.651 min Scan# 6235
 Delta R.T. 0.014 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Tgt Ion:225 Resp: 4561
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.8 77.6#
 227 189.5 51.4 77.2#

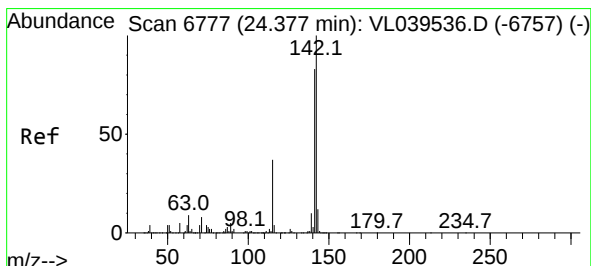
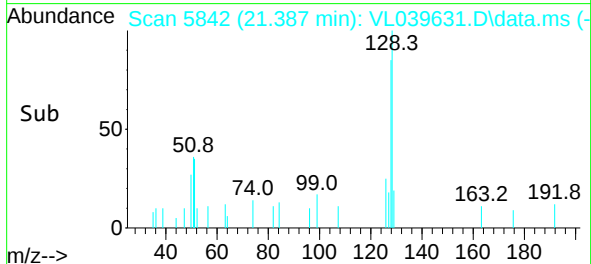
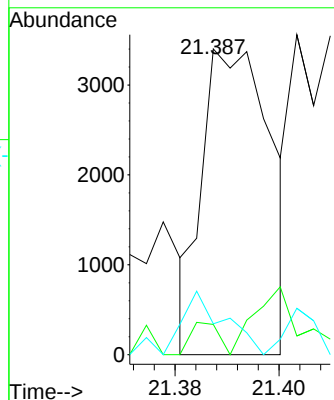
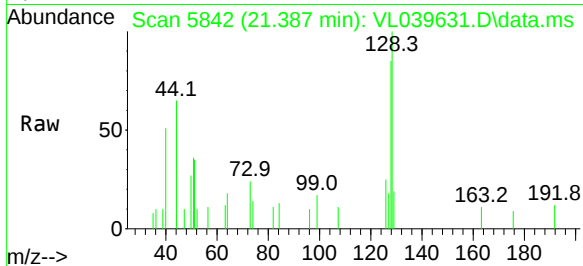




#79
Naphthalene
Concen: 0.015 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

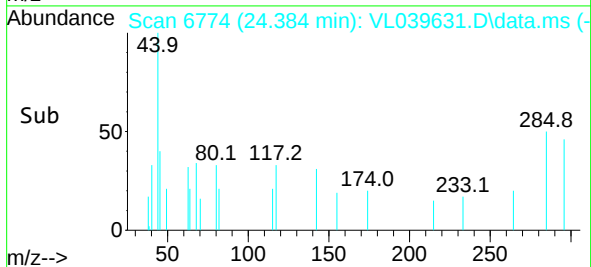
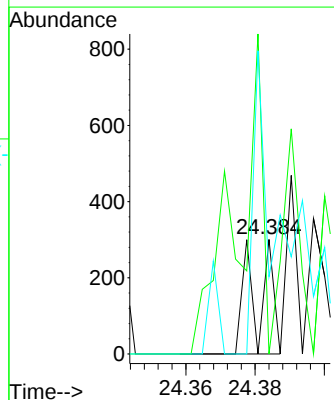
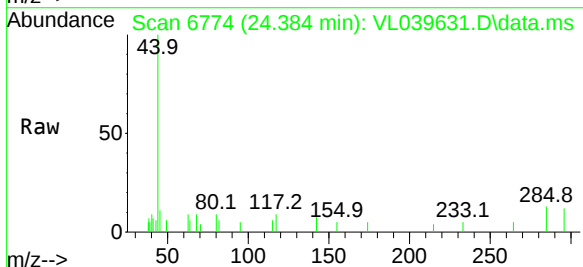
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

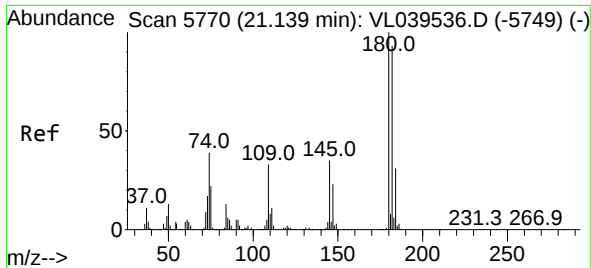
Tgt Ion:128 Resp: 3099
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 8.7 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039631.D
Acq: 19 Sep 2022 11:40

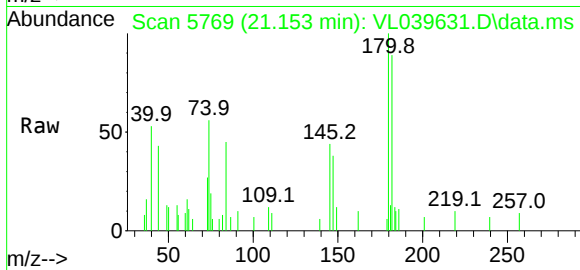
Tgt Ion:142 Resp: 116
Ion Ratio Lower Upper
142 100
141 531.9 68.9 103.3#
115 500.0 30.0 45.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.024 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.014 min
 Lab File: VL039631.D
 Acq: 19 Sep 2022 11:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1



Tgt Ion:180 Resp: 3235
 Ion Ratio Lower Upper
 180 100
 182 267.3 77.1 115.7#
 184 0.0 24.3 36.5#

