

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040459.D
 Acq On : 5 Jun 2023 16:44
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Jun 06 05:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 05:55:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1012435	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2573105	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2236452	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1846880	10.006	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.764	85	386	0.002	ppbv	98
3) Chlorodifluoromethane	2.661	51	16940	0.102	ppbv	94
4) Chloromethane	2.796	50	2615	0.041	ppbv #	86
5) Vinyl Chloride	2.906	62	3620	0.055	ppbv	95
6) Bromomethane	3.108	94	3116	0.093	ppbv #	75
7) Chloroethane	3.185	64	1632	0.068	ppbv	95
8) Dichlorotetrafluoroethane	2.841	85	17377	0.100	ppbv	93
9) Propene	2.680	41	3411	0.067	ppbv #	15
10) Heptane	7.581	43	3934	0.034	ppbv #	18
11) Trichlorofluoromethane	3.552	101	17228	0.096	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.060	101	10332	0.082	ppbv #	79
13) Ethanol	3.246	45	539	0.054	ppbv #	39
14) Bromoethene	3.359	108	2723	0.052	ppbv #	2
15) Acetone	3.481	43	21112	0.173	ppbv	91
16) 1,3-Butadiene	2.976	39	6088	0.102	ppbv	94
17) tert-Butyl alcohol	3.861	59	83	0.001	ppbv #	71
18) 1,1-Dichloroethene	3.873	96	5573	0.100	ppbv	89
19) Isopropyl Alcohol	3.555	45	147	0.002	ppbv #	90
20) Methylene Chloride	3.925	84	9159	0.173	ppbv #	72
21) Allyl Chloride	3.989	41	6081	0.088	ppbv #	48
22) trans-1,2-Dichloroethene	4.436	96	2422	0.042	ppbv	95
23) Vinyl Acetate	4.616	43	881	0.007	ppbv #	58
24) 1,1-Dichloroethane	4.558	63	7995	0.067	ppbv #	95
25) Ethyl Acetate	5.214	43	20895	0.094	ppbv #	96
26) Hexane	5.211	57	6444	0.062	ppbv #	1
27) Carbon Disulfide	4.115	76	4579	0.035	ppbv #	52
28) Methyl tert-Butyl Ether	4.581	73	1345	0.016	ppbv #	52
29) Chloroform	5.272	83	10863	0.061	ppbv	91
30) Cyclohexane	6.597	84	882	0.011	ppbv #	1
31) cis-1,2-Dichloroethene	5.060	61	1349	0.013	ppbv	91
32) 1,1,1-Trichloroethane	6.002	97	9644	0.054	ppbv #	26
34) 2-Butanone	4.803	43	8908	0.072	ppbv	93
35) Carbon Tetrachloride	6.494	117	7501	0.042	ppbv #	74
36) Benzene	6.368	78	11495	0.056	ppbv #	84
37) 1,2-Dichloroethane	5.803	62	11319	0.085	ppbv #	90
38) Trichloroethene	7.294	130	4641	0.059	ppbv #	66
39) 1,2-Dichloropropane	6.651	63	657301	8.228	ppbv #	22
40) 1,4-Dioxane	7.288	88	81	0.004	ppbv #	100
41) Tetrahydrofuran	5.568	42	255	0.004	ppbv #	34
42) Bromodichloromethane	7.243	83	10085	0.055	ppbv #	72
43) Methyl Methacrylate	7.481	69	247	0.003	ppbv #	1
44) 2,2,4-Trimethylpentane	7.333	57	13846	0.041	ppbv #	40
45) t-1,3-Dichloropropene	8.745	75	191	0.004	ppbv	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040459.D
 Acq On : 5 Jun 2023 16:44
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 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

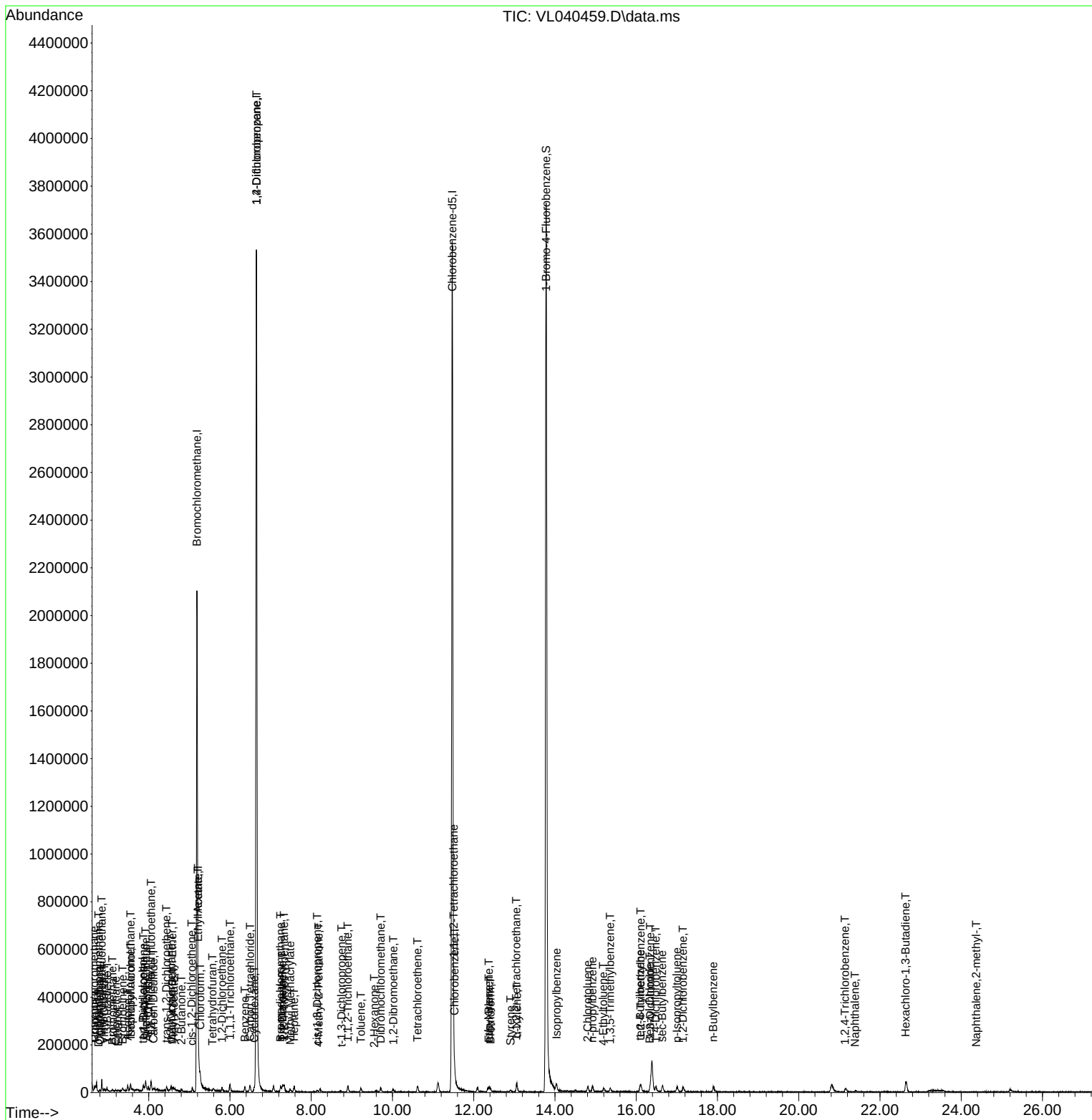
Quant Time: Jun 06 05:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 05:55:55 2023
 Response via : Initial Calibration

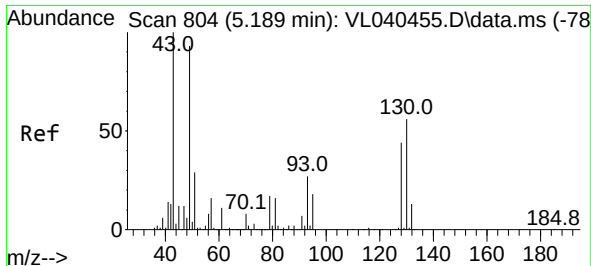
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.147	75	1809	0.028	ppbv	#	66
47) 1,1,2-Trichloroethane	8.899	97	2291	0.026	ppbv	#	19
48) Dibromochloromethane	9.709	129	4499	0.032	ppbv	#	7
49) Bromoform	12.410	173	3802	0.036	ppbv	#	29
50) 4-Methyl-2-Pentanone	8.185	43	238	0.001	ppbv	#	39
51) 2-Hexanone	9.555	43	158	0.001	ppbv	#	31
52) Tetrachloroethene	10.619	164	1599	0.025	ppbv	#	17
53) Toluene	9.220	91	6569	0.030	ppbv	#	36
54) 1,2-Dibromoethane	10.018	107	5747	0.050	ppbv		94
56) 1,1,1,2-Tetrachloroethane	11.507	131	3619	0.034	ppbv	#	9
57) Chlorobenzene	11.526	112	5088	0.030	ppbv	#	79
58) Ethyl Benzene	12.371	91	4944	0.018	ppbv		95
59) m/p-Xylene	12.371	91	4944	0.020	ppbv	#	1
60) o-Xylene	13.063	91	2091	0.009	ppbv	#	1
61) Styrene	12.905	104	1930	0.019	ppbv	#	10
62) Isopropylbenzene	14.037	105	10862	0.031	ppbv	#	58
63) 1,1,2,2-Tetrachloroethane	13.050	83	4344	0.028	ppbv	#	24
64) n-propylbenzene	14.921	120	1218	0.015	ppbv	#	1
65) tert-Butylbenzene	16.098	119	7147	0.024	ppbv	#	4
66) Benzyl Chloride	16.329	91	216	0.010	ppbv	#	67
67) sec-Butylbenzene	16.638	105	8387	0.019	ppbv	#	60
69) p-Isopropyltoluene	16.998	119	2832	0.008	ppbv	#	46
70) n-Butylbenzene	17.895	91	6820	0.017	ppbv	#	34
71) 2-Chlorotoluene	14.805	91	4278	0.016	ppbv	#	1
72) 4-Ethyltoluene	15.185	105	1724	0.006	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.355	105	3078	0.013	ppbv	#	31
74) 1,2,4-Trimethylbenzene	16.108	105	3761	0.014	ppbv	#	78
75) 1,3-Dichlorobenzene	16.342	146	4472	0.029	ppbv	#	1
76) 1,4-Dichlorobenzene	16.477	146	2476	0.016	ppbv	#	22
77) 1,2-Dichlorobenzene	17.149	146	3314	0.022	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.631	225	4181	0.037	ppbv	#	1
79) Naphthalene	21.384	128	836	0.005	ppbv	#	69
80) Naphthalene,2-methyl-	24.371	142	134	0.003	ppbv	#	28
81) 1,2,4-Trichlorobenzene	21.136	180	887	0.008	ppbv	#	7

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCO.1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jun 06 05:55:55 2023
Response via : Initial Calibration

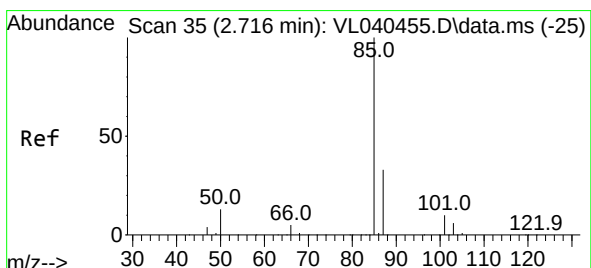
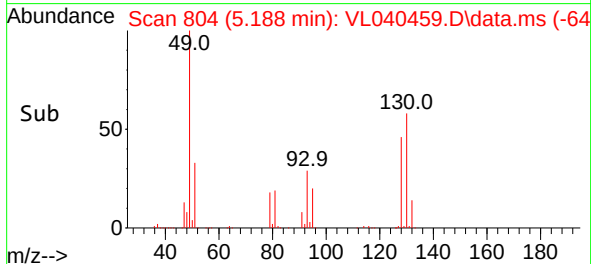
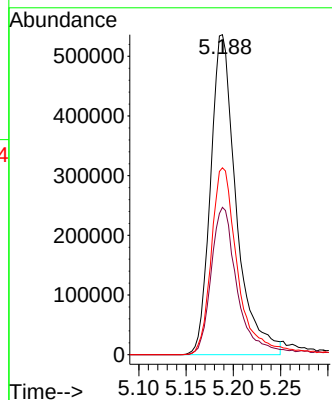
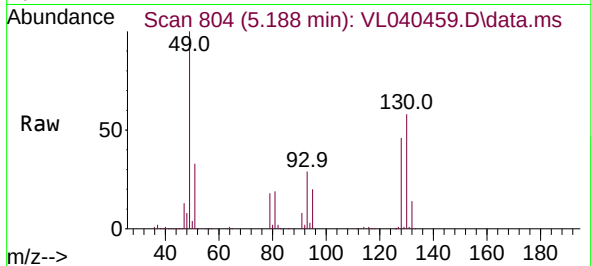




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. -0.001 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

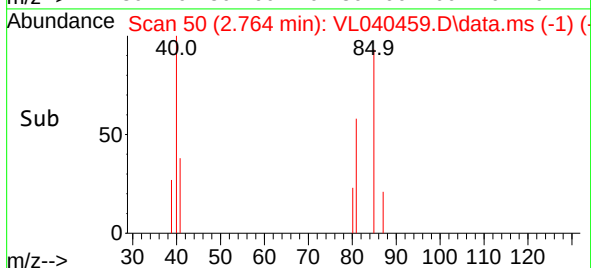
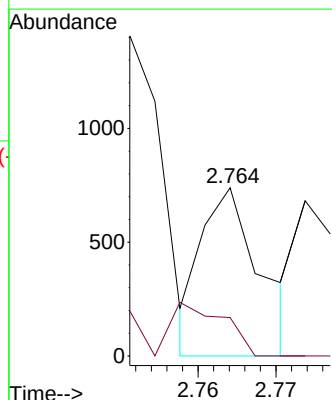
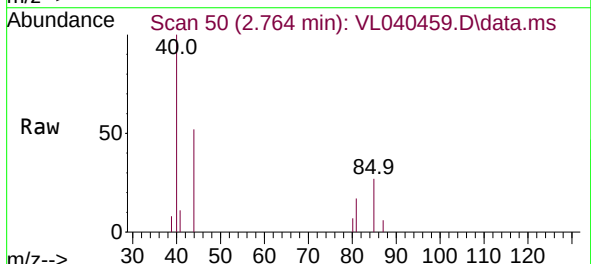
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

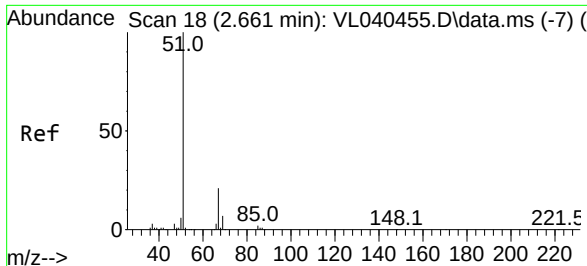
Tgt Ion: 49 Resp: 1012435
Ion Ratio Lower Upper
49 100
128 48.6 24.7 74.1
130 62.7 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 0.002 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.048 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 85 Resp: 386
Ion Ratio Lower Upper
85 100
87 31.9 26.6 39.8

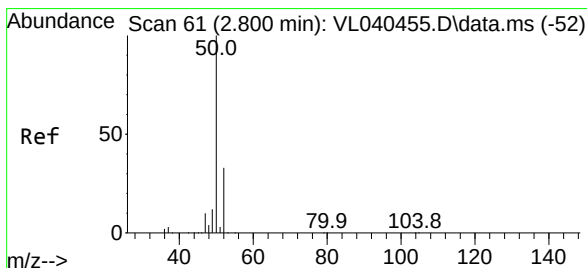
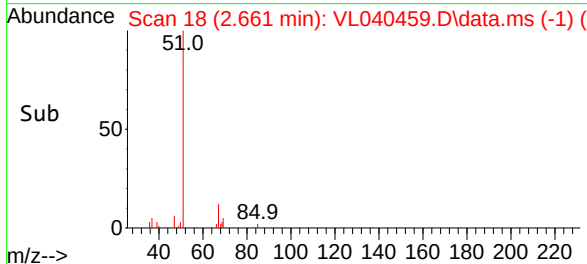
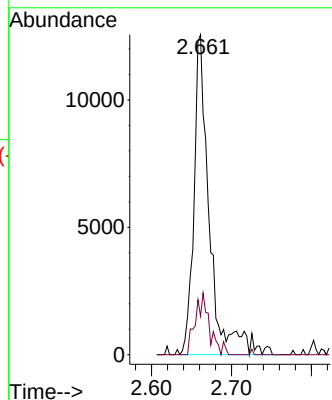
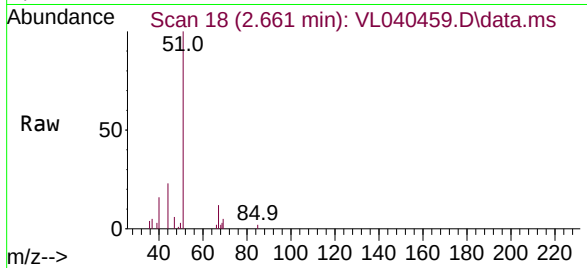




#3
Chlorodifluoromethane
Concen: 0.102 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

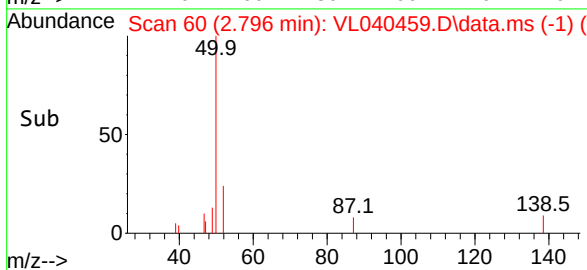
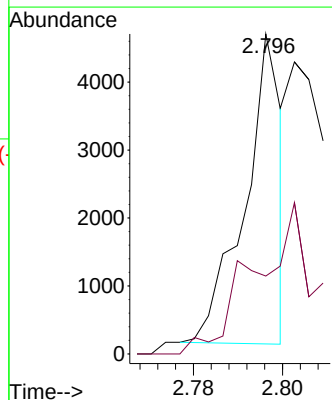
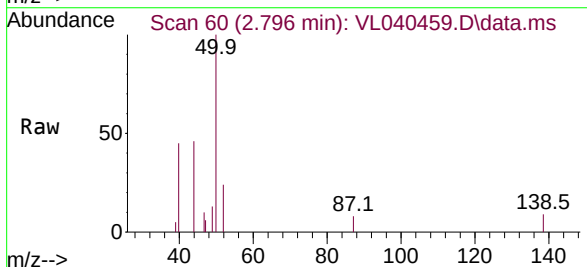
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

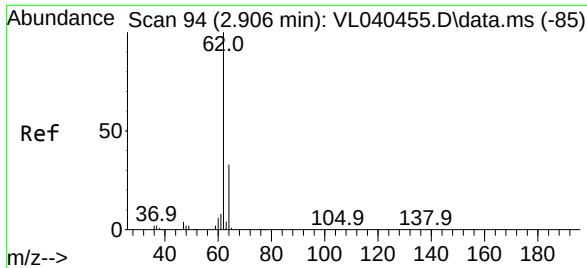
Tgt Ion: 51 Resp: 16940
Ion Ratio Lower Upper
51 100
67 17.6 16.3 24.5



#4
Chloromethane
Concen: 0.041 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 50 Resp: 2615
Ion Ratio Lower Upper
50 100
52 25.3 26.3 39.5#

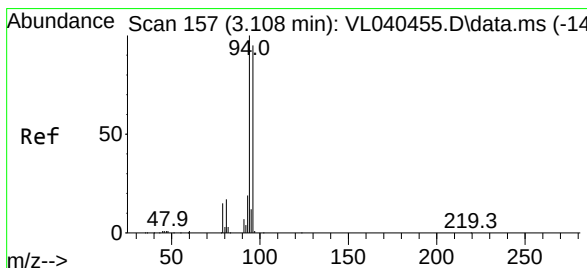
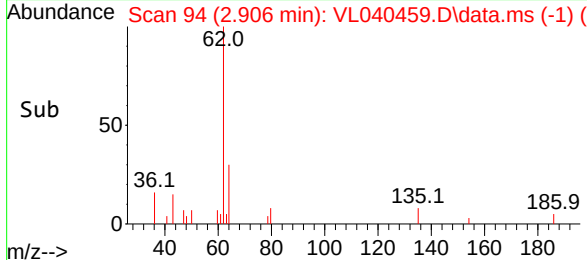
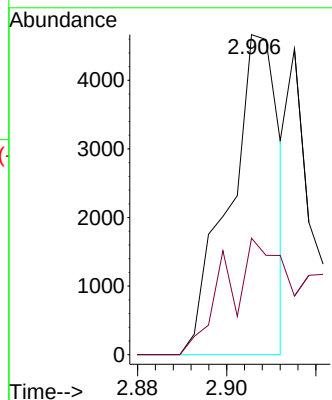
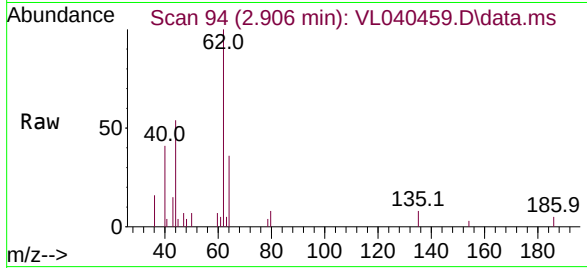




#5
 Vinyl Chloride
 Concen: 0.055 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

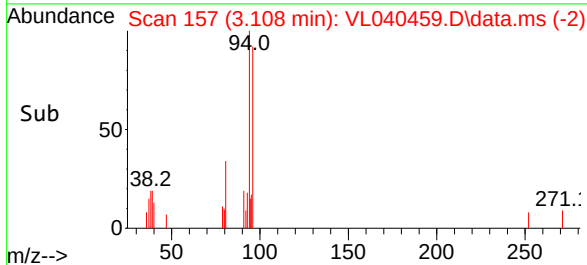
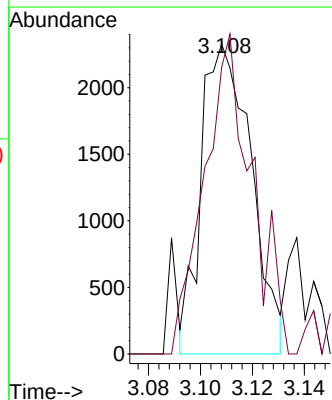
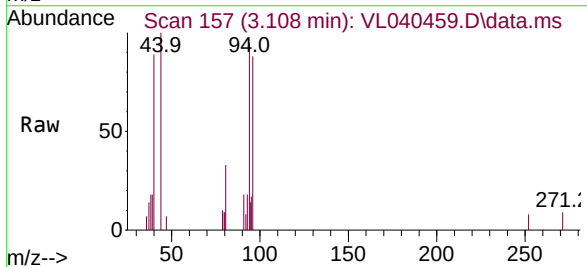
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

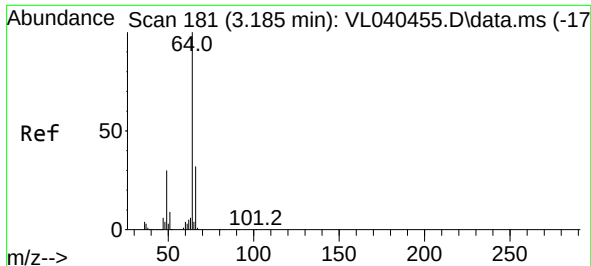
Tgt Ion: 62 Resp: 3620
 Ion Ratio Lower Upper
 62 100
 64 36.4 26.8 40.2



#6
 Bromomethane
 Concen: 0.093 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

Tgt Ion: 94 Resp: 3116
 Ion Ratio Lower Upper
 94 100
 96 70.2 75.8 113.8#

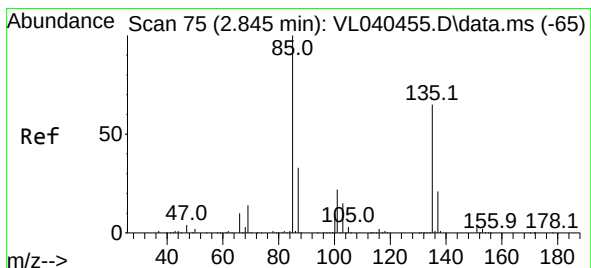
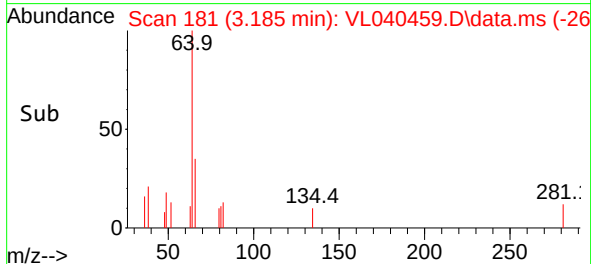
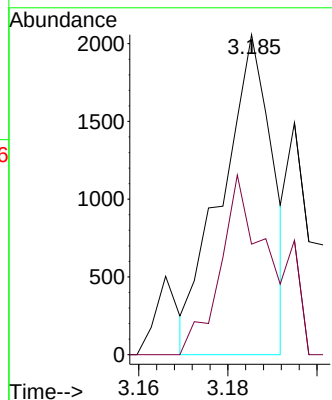
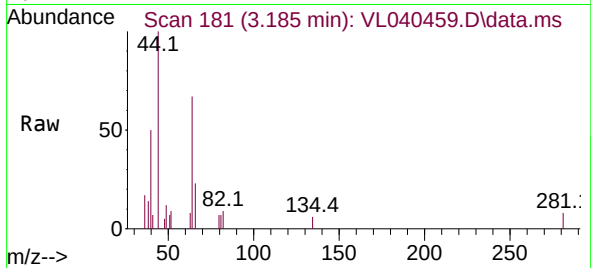




#7
Chloroethane
Concen: 0.068 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

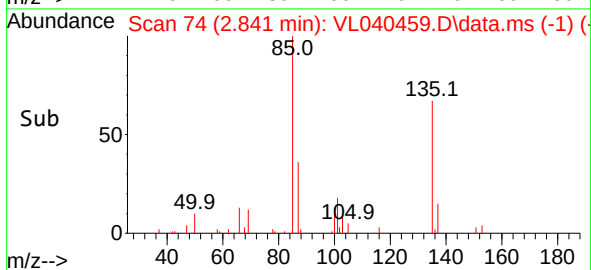
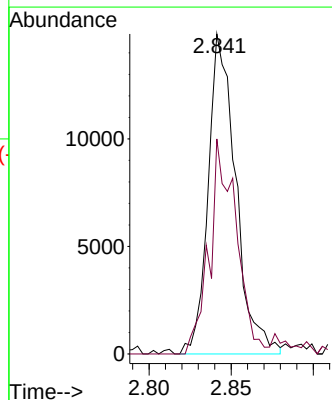
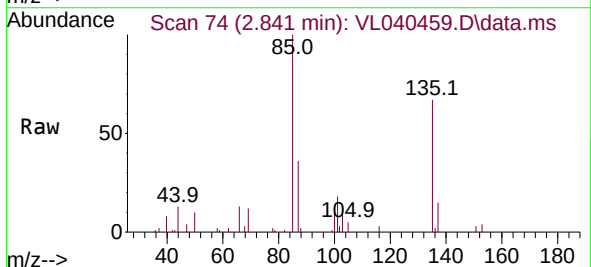
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MSVOA_L
ClientSampleId :
VSTDIC0.1

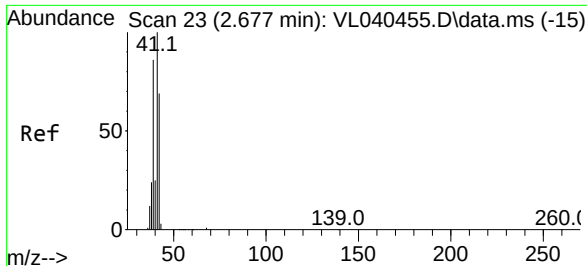
Tgt Ion: 64 Resp: 1632
Ion Ratio Lower Upper
64 100
66 34.5 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 0.100 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 85 Resp: 17377
Ion Ratio Lower Upper
85 100
135 70.4 52.0 78.0





#9

Propene

Concen: 0.067 ppbv

RT: 2.680 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

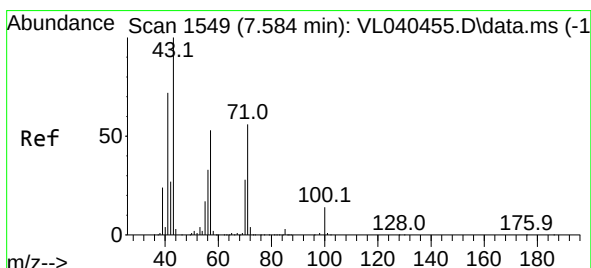
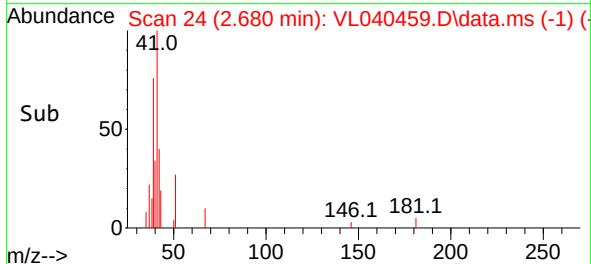
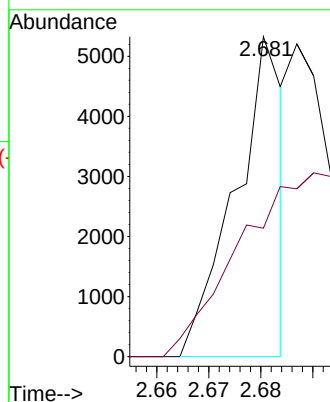
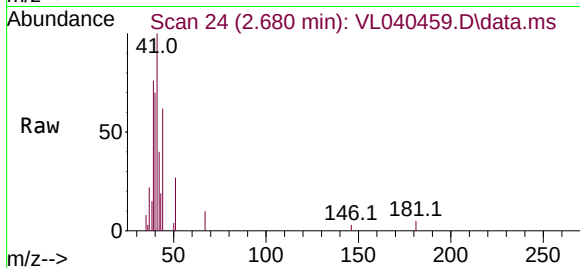
VSTDIC0.1

Tgt Ion: 41 Resp: 3411

Ion Ratio Lower Upper

41 100

42 0.0 56.2 84.2#



#10

Heptane

Concen: 0.034 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.003 min

Lab File: VL040459.D

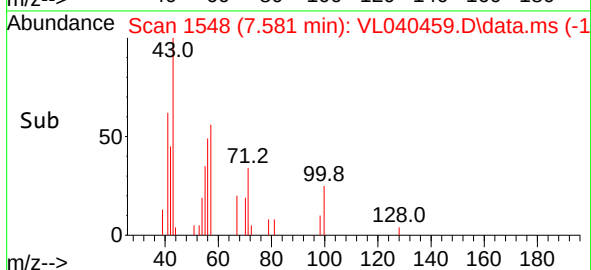
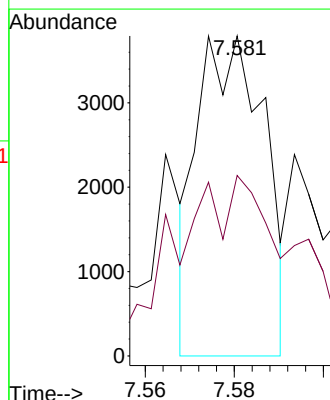
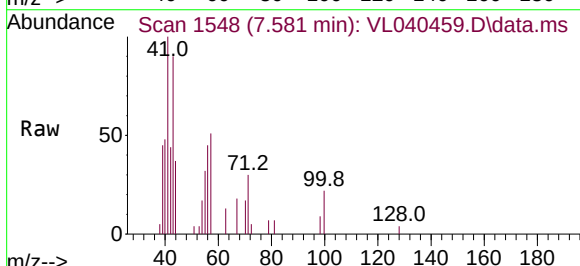
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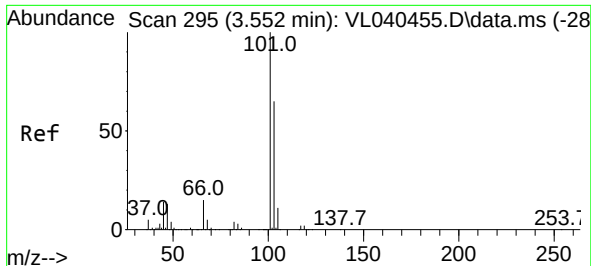
Tgt Ion: 43 Resp: 3934

Ion Ratio Lower Upper

43 100

57 111.1 42.5 63.7#

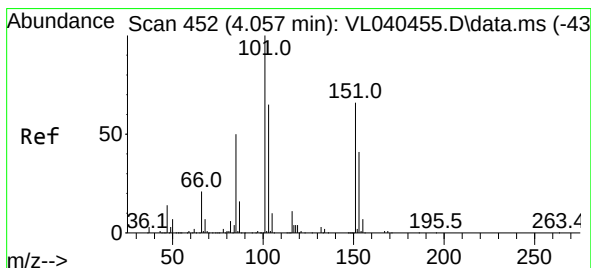
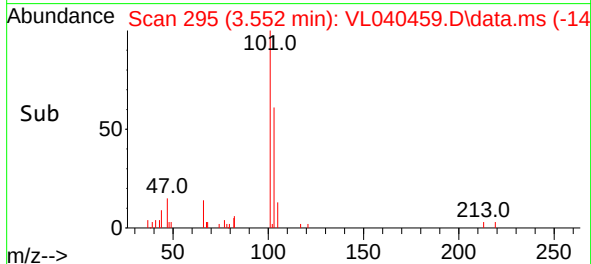
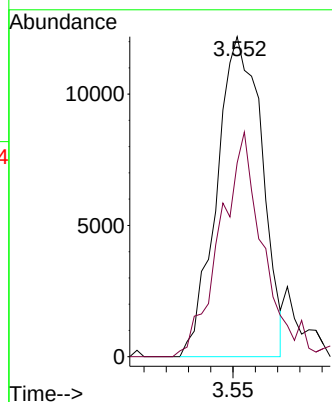
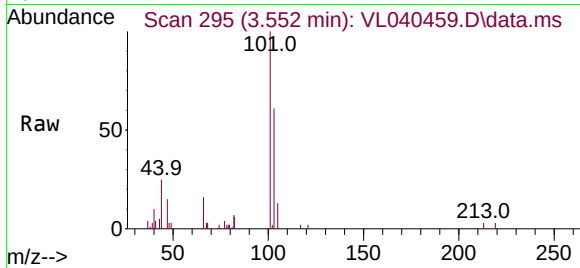




#11
 Trichlorofluoromethane
 Concen: 0.096 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

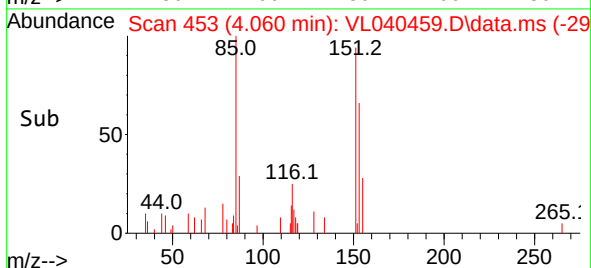
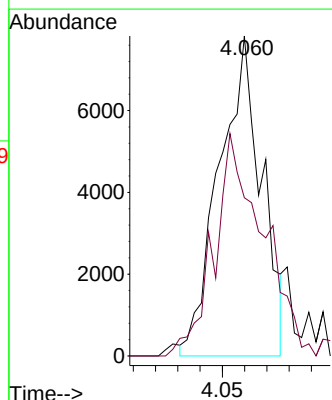
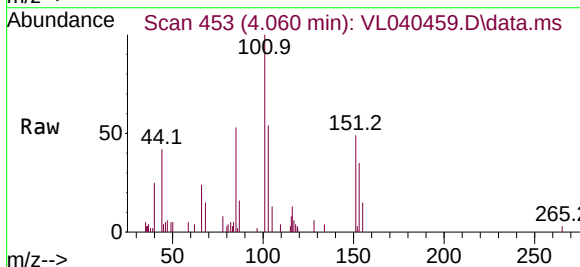
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

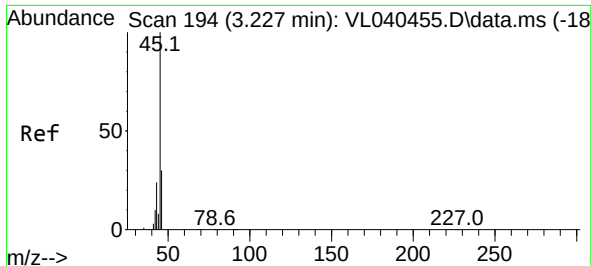
Tgt Ion:101 Resp: 17228
 Ion Ratio Lower Upper
 101 100
 103 58.8 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.082 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

Tgt Ion:101 Resp: 10332
 Ion Ratio Lower Upper
 101 100
 151 84.7 54.3 81.5#





#13

Ethanol

Concen: 0.054 ppbv

RT: 3.246 min Scan# 200

Delta R.T. 0.019 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

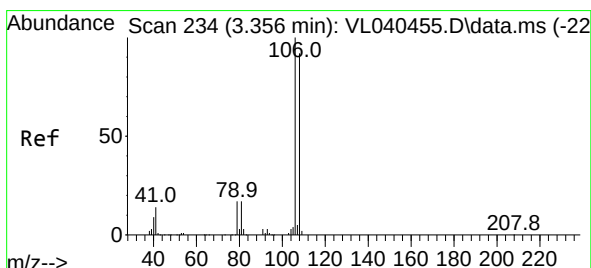
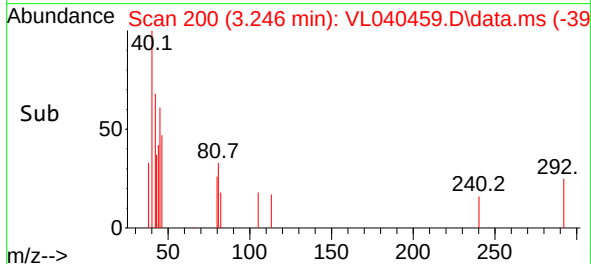
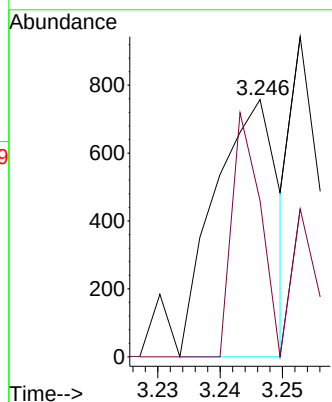
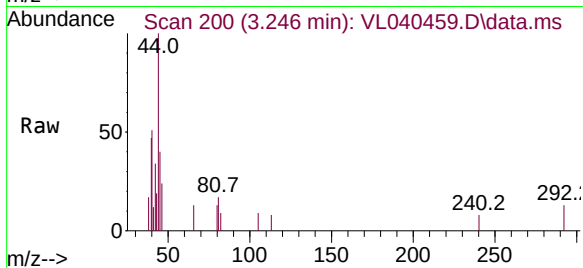
VSTDIC0.1

Tgt Ion: 45 Resp: 539

Ion Ratio Lower Upper

45 100

46 0.0 14.5 58.1#



#14

Bromoethene

Concen: 0.052 ppbv

RT: 3.359 min Scan# 235

Delta R.T. 0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

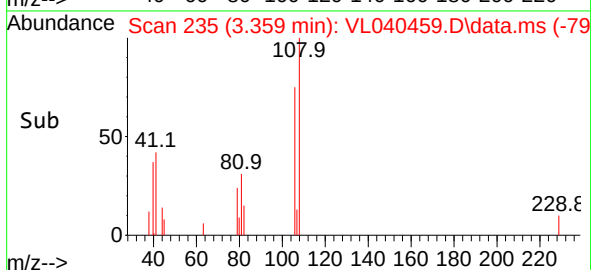
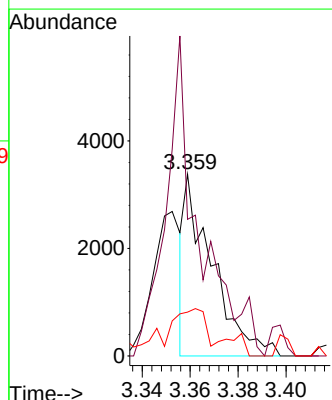
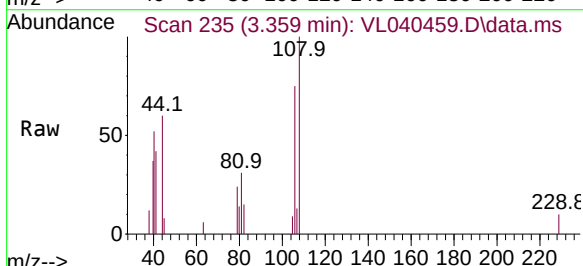
Tgt Ion: 108 Resp: 2723

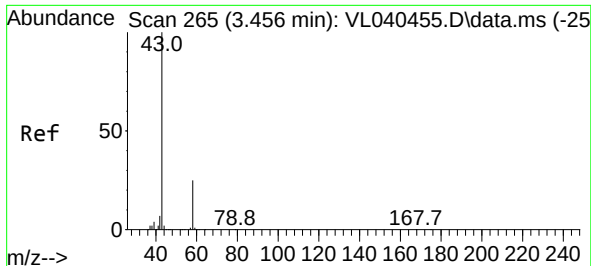
Ion Ratio Lower Upper

108 100

106 218.0 87.4 131.0#

79 50.1 15.9 23.9#





#15

Acetone

Concen: 0.173 ppbv

RT: 3.481 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

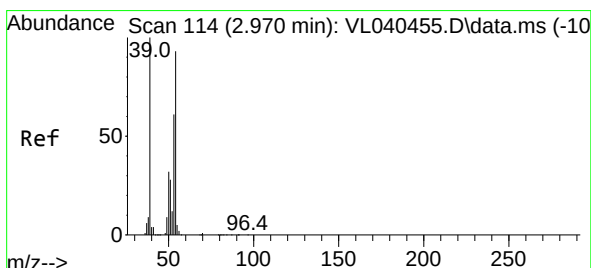
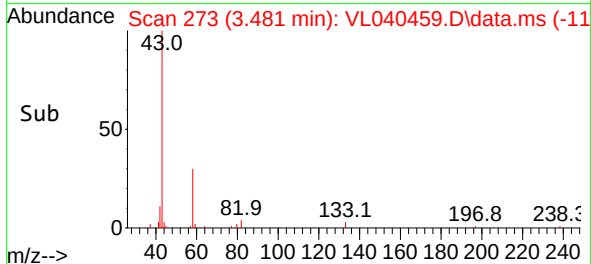
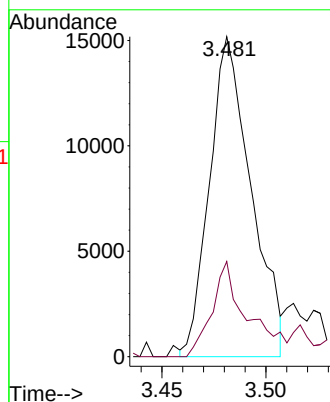
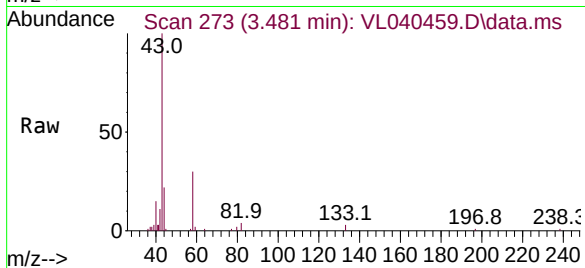
VSTDIC0.1

Tgt Ion: 43 Resp: 21112

Ion Ratio Lower Upper

43 100

58 31.5 21.6 32.4



#16

1,3-Butadiene

Concen: 0.102 ppbv

RT: 2.976 min Scan# 116

Delta R.T. 0.006 min

Lab File: VL040459.D

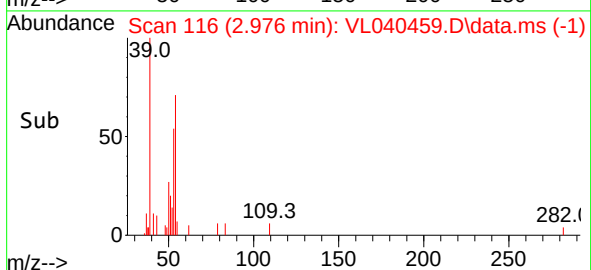
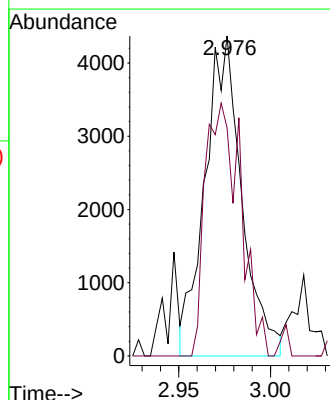
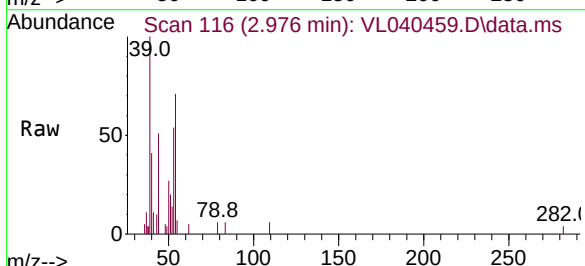
Acq: 5 Jun 2023 16:44

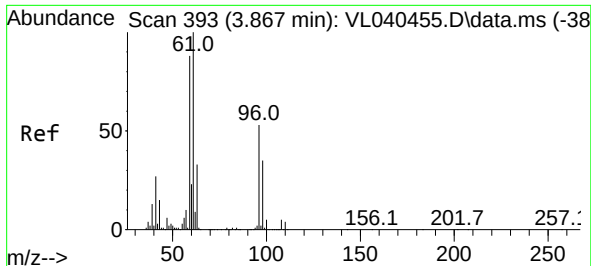
Tgt Ion: 39 Resp: 6088

Ion Ratio Lower Upper

39 100

54 78.4 66.9 100.3





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.007 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

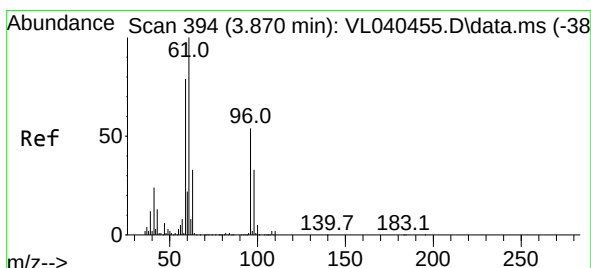
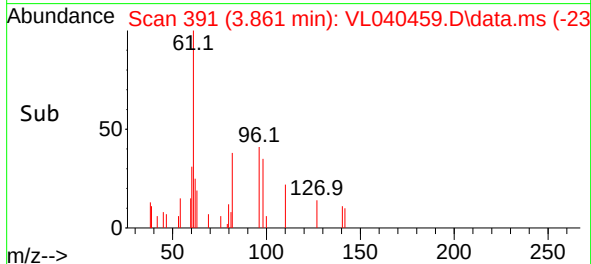
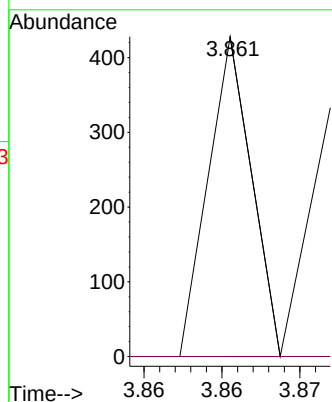
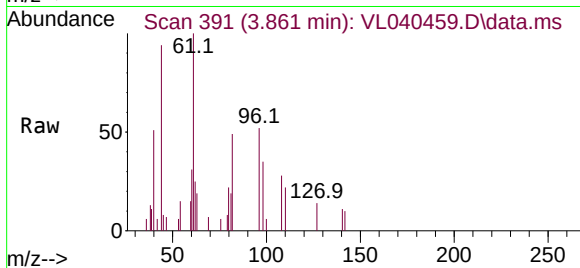
VSTDIC0.1

Tgt Ion: 59 Resp: 83

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#18

1,1-Dichloroethene

Concen: 0.100 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

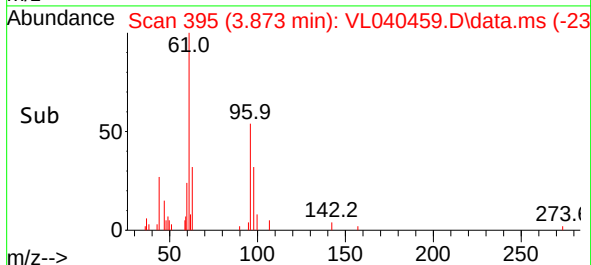
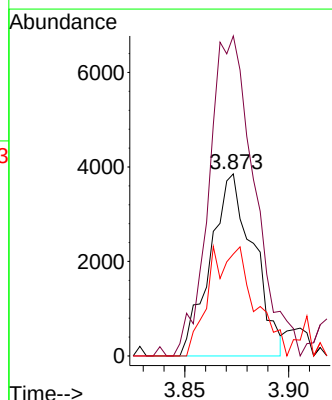
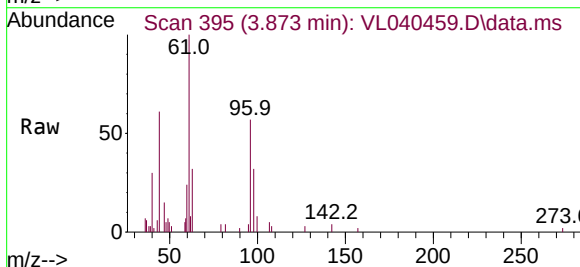
Tgt Ion: 96 Resp: 5573

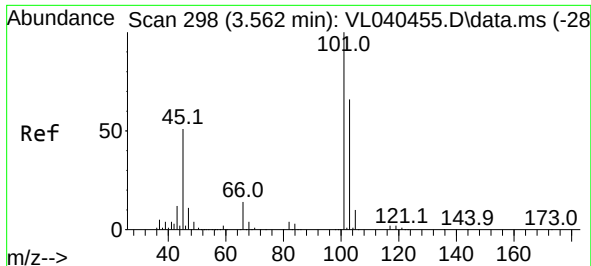
Ion Ratio Lower Upper

96 100

61 168.9 149.5 224.3

98 56.0 48.7 73.1





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.555 min Scan# 298

Delta R.T. -0.007 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

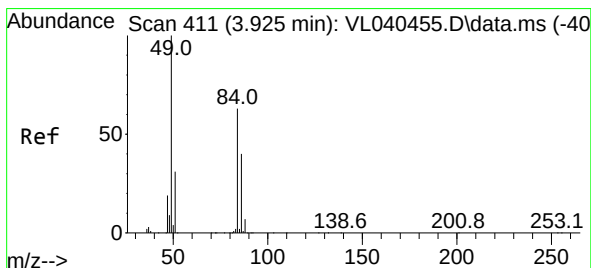
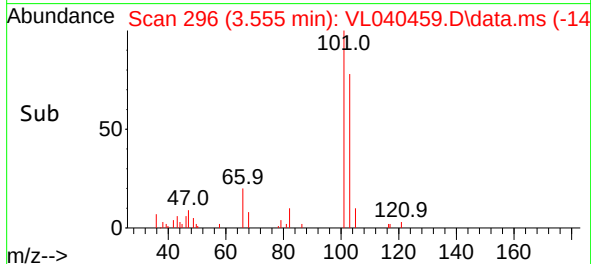
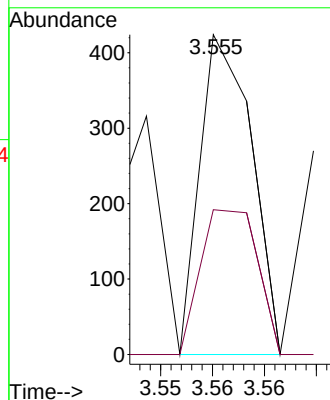
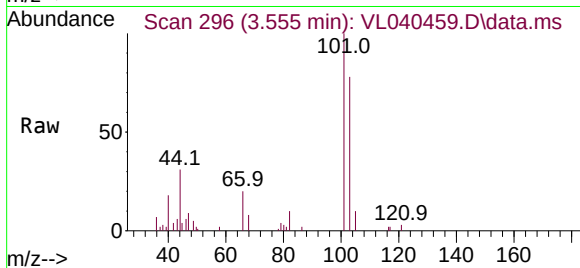
VSTDIC0.1

Tgt Ion: 45 Resp: 147

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#



#20

Methylene Chloride

Concen: 0.173 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Tgt Ion: 84 Resp: 9159

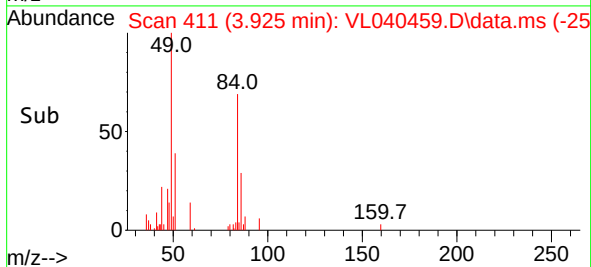
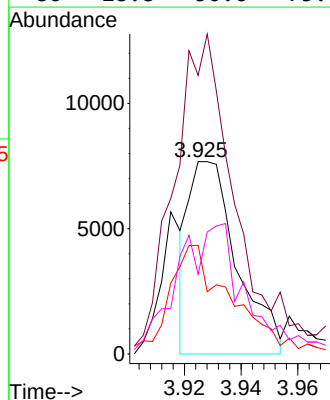
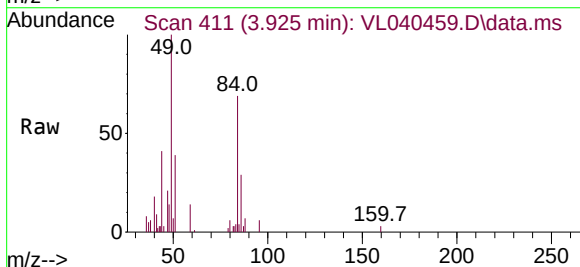
Ion Ratio Lower Upper

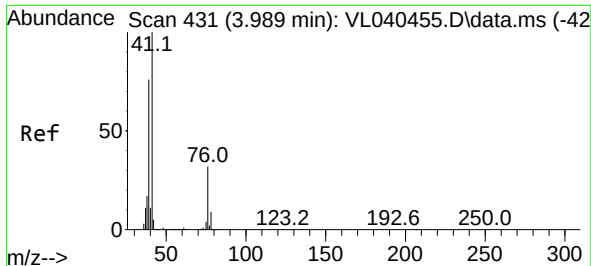
84 100

49 122.1 126.2 189.2#

51 56.4 38.7 58.1

86 28.8 50.6 75.8#





#21

Allyl Chloride

Concen: 0.088 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

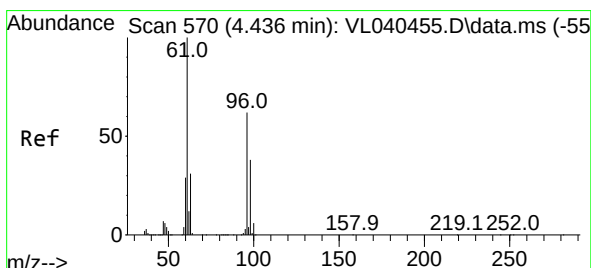
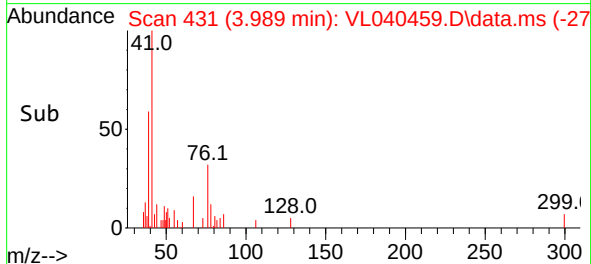
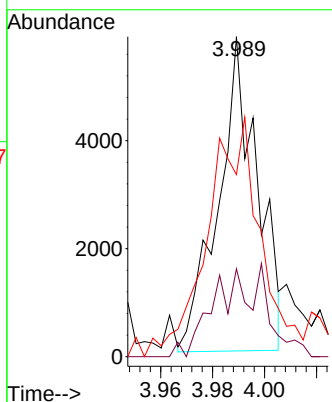
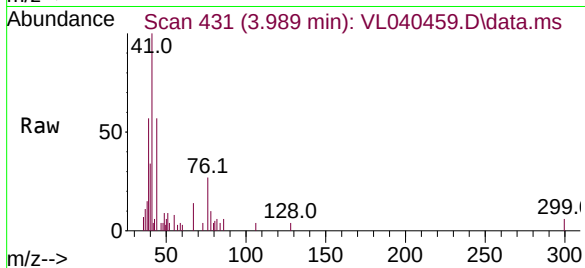
Tgt Ion: 41 Resp: 6081

Ion Ratio Lower Upper

41 100

76 0.0 26.1 39.1#

39 124.1 63.9 95.9#



#22

trans-1,2-Dichloroethene

Concen: 0.042 ppbv

RT: 4.436 min Scan# 570

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

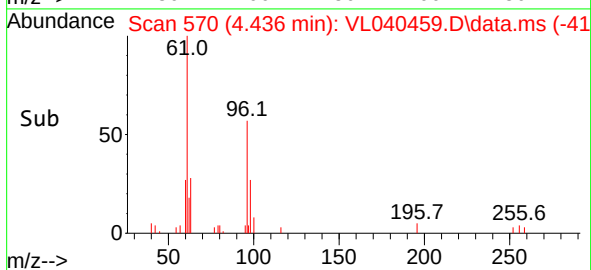
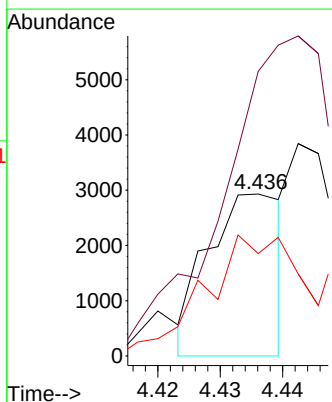
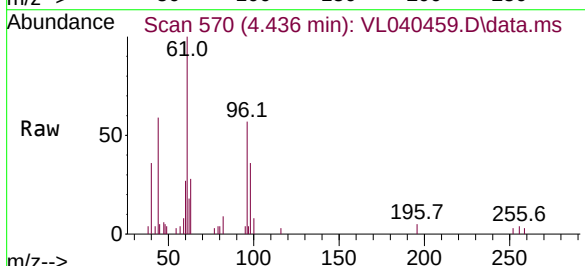
Tgt Ion: 96 Resp: 2422

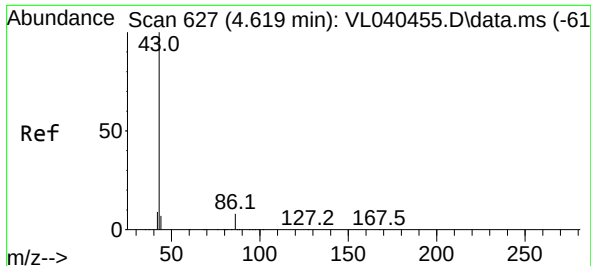
Ion Ratio Lower Upper

96 100

61 154.6 128.1 192.1

98 55.9 48.2 72.4

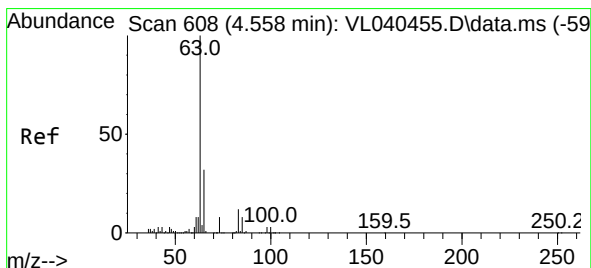
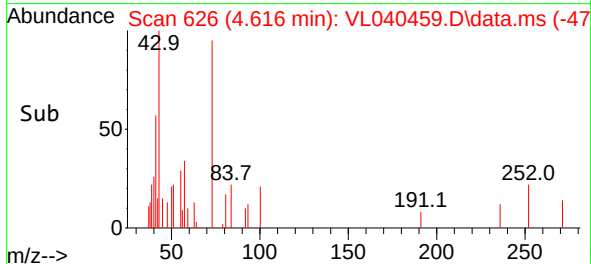
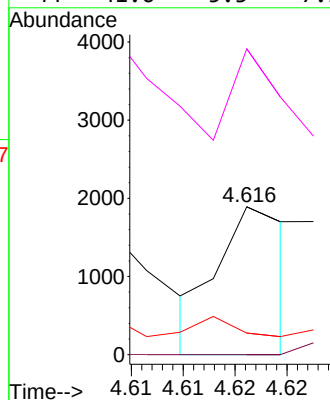
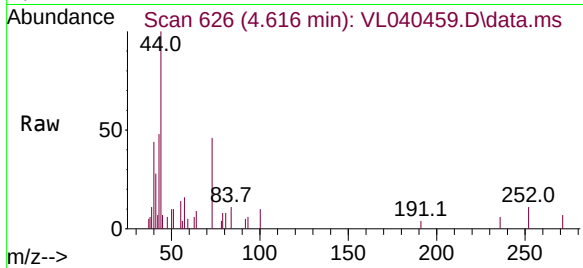




#23
 Vinyl Acetate
 Concen: 0.007 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

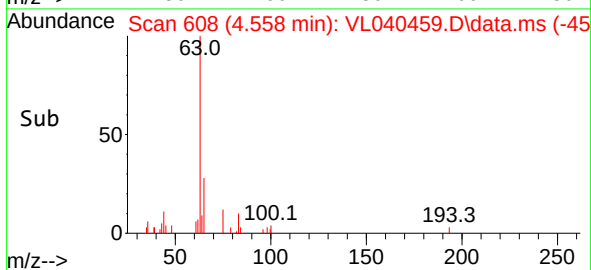
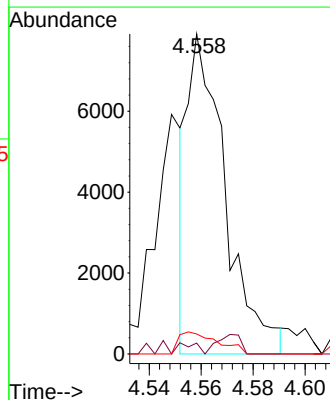
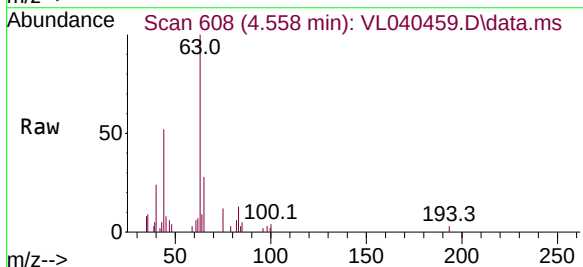
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

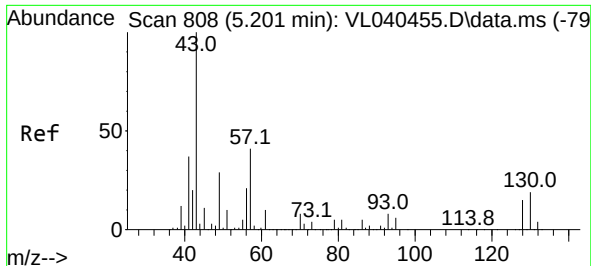
Tgt Ion: 43 Resp: 881
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.8 8.6#
 42 3.9 7.4 11.2#
 44 41.6 5.3 7.9#



#24
 1,1-Dichloroethane
 Concen: 0.067 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

Tgt Ion: 63 Resp: 7995
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.5
 100 6.8 1.4 4.0#



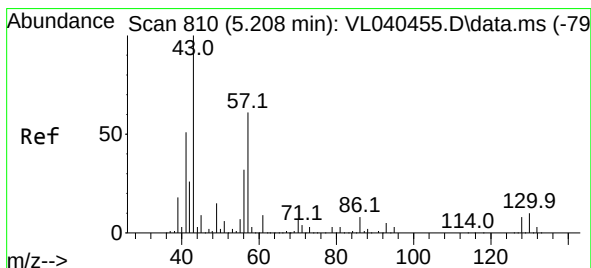
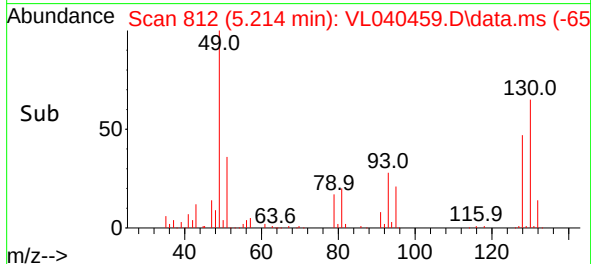
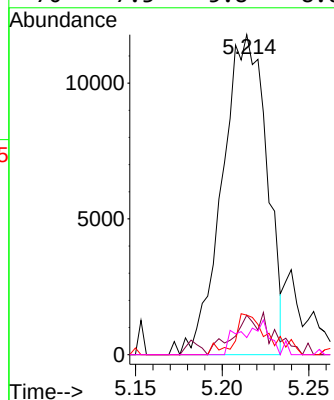
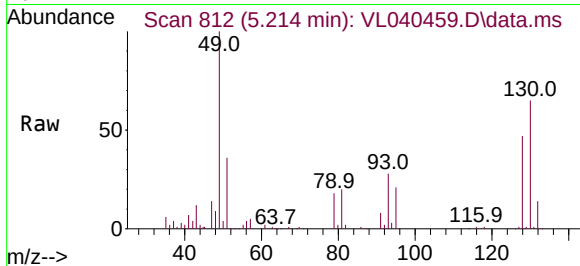


#25
Ethyl Acetate
Concen: 0.094 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.013 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 43 Resp: 20895

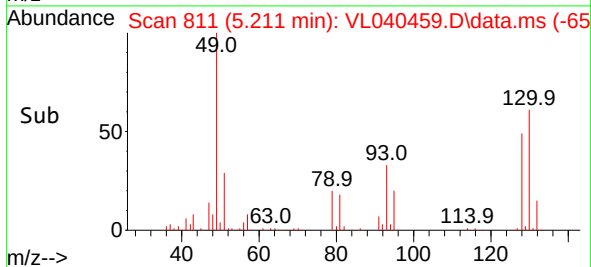
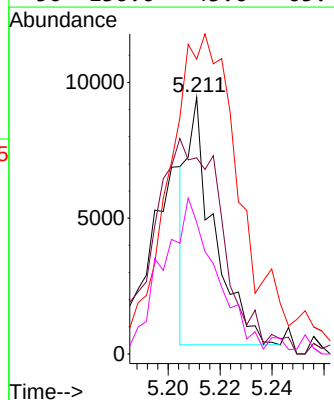
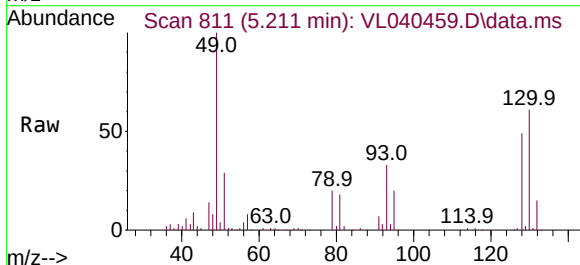
Ion	Ratio	Lower	Upper
43	100		
45	13.5	8.0	12.0#
61	9.8	8.1	12.1
70	7.3	5.8	8.6

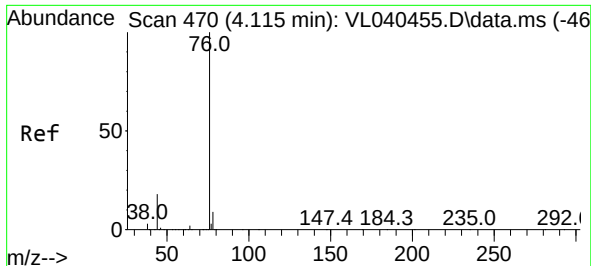


#26
Hexane
Concen: 0.062 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 57 Resp: 6444

Ion	Ratio	Lower	Upper
57	100		
41	235.4	73.0	109.6#
43	369.3	177.5	266.3#
56	136.6	43.6	65.4#

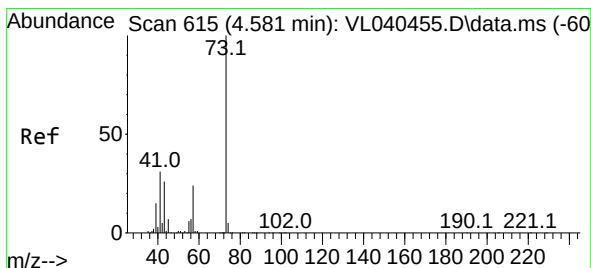
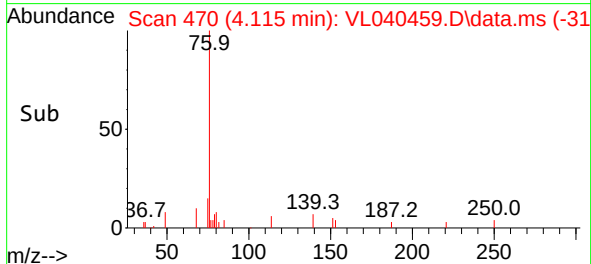
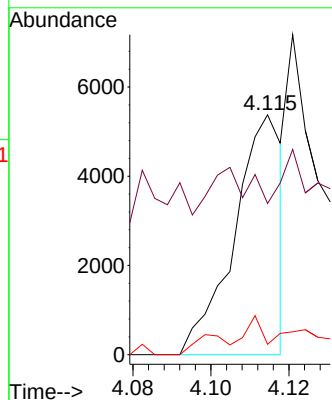
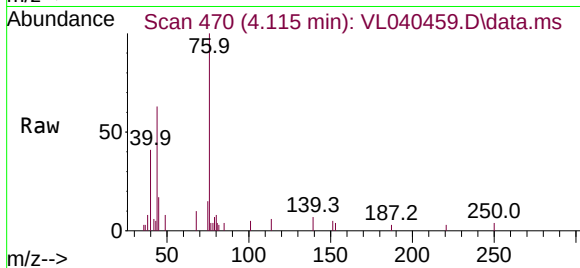




#27
Carbon Disulfide
Concen: 0.035 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

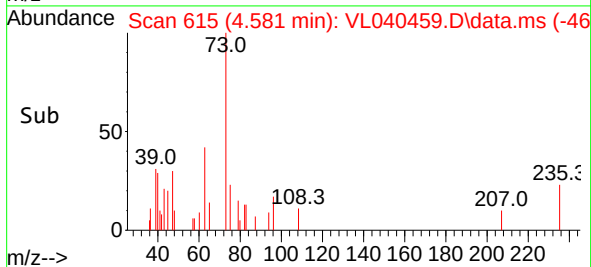
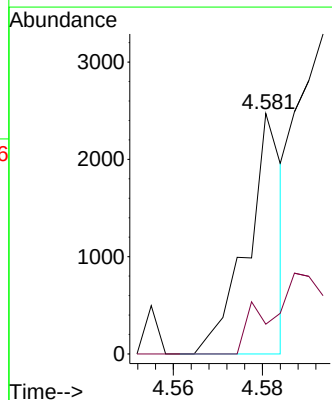
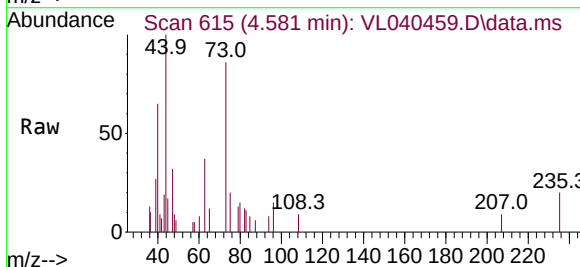
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

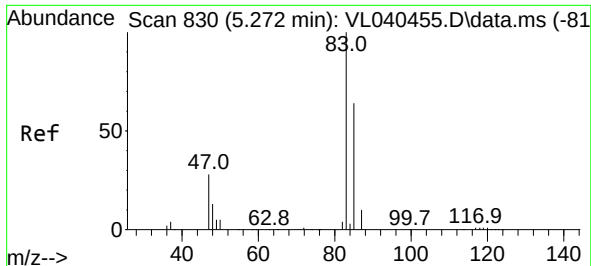
Tgt Ion: 76 Resp: 4579
Ion Ratio Lower Upper
76 100
44 0.0 14.6 22.0#
78 32.4 7.6 11.4#



#28
Methyl tert-Butyl Ether
Concen: 0.016 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 73 Resp: 1345
Ion Ratio Lower Upper
73 100
57 0.0 19.0 28.4#





#29

Chloroform

Concen: 0.061 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

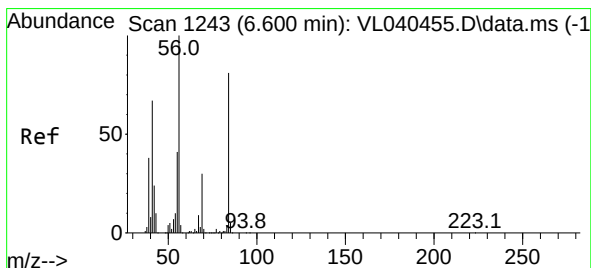
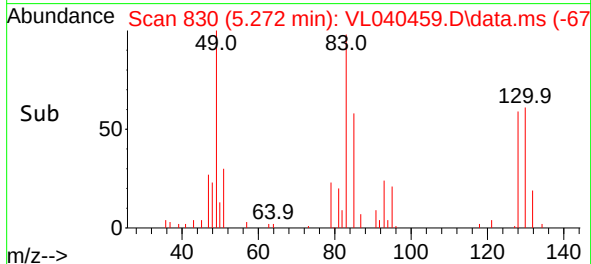
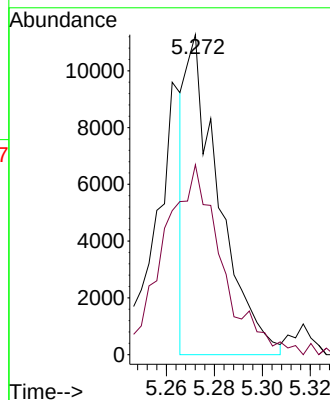
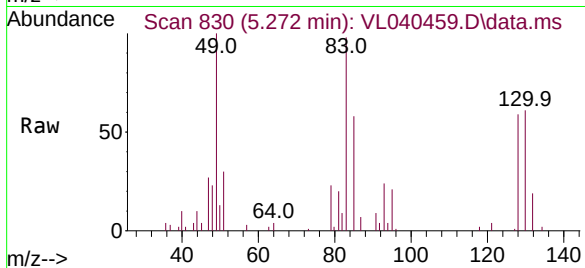
VSTDIC0.1

Tgt Ion: 83 Resp: 10863

Ion Ratio Lower Upper

83 100

85 57.2 51.1 76.7



#30

Cyclohexane

Concen: 0.011 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

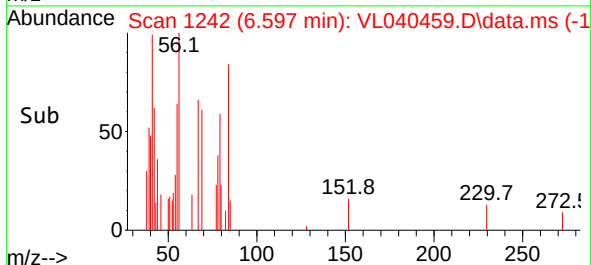
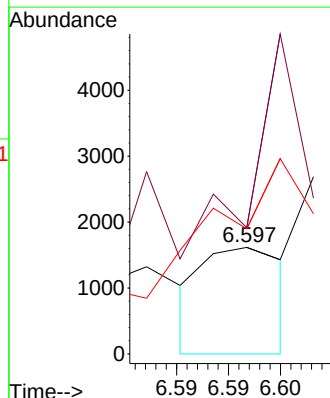
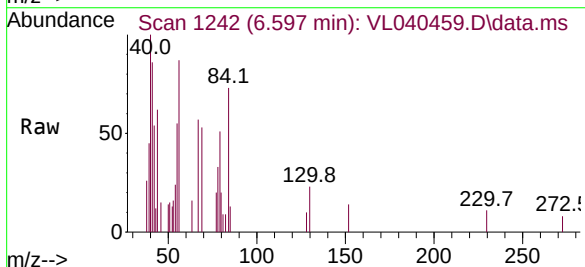
Tgt Ion: 84 Resp: 882

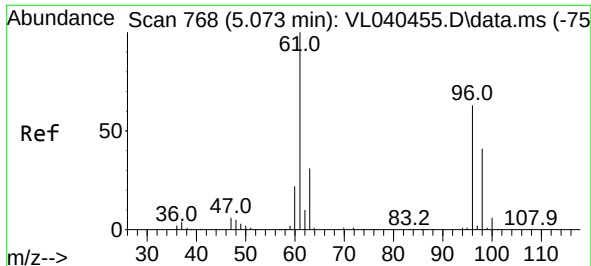
Ion Ratio Lower Upper

84 100

56 0.0 106.0 159.0#

41 700.1 66.8 100.2#

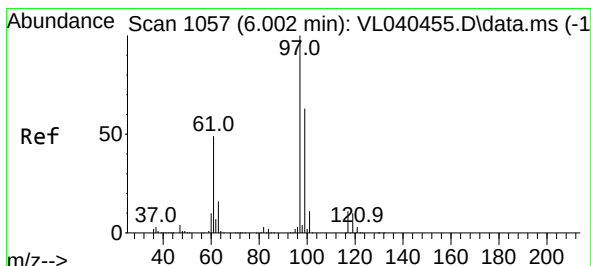
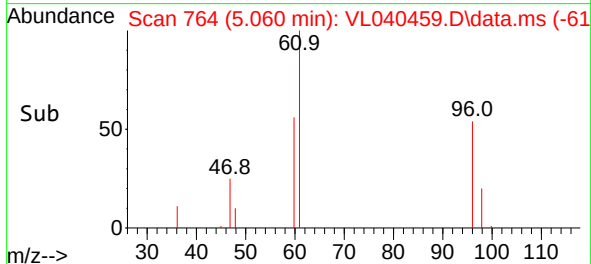
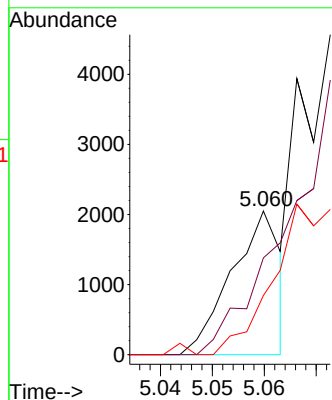
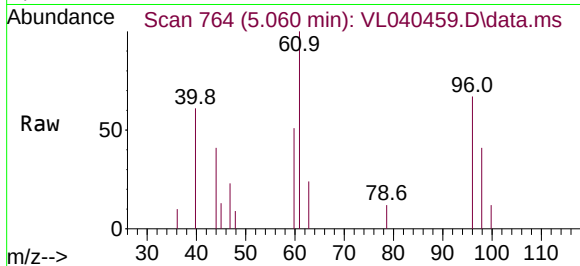




#31
 cis-1,2-Dichloroethene
 Concen: 0.013 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. -0.013 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

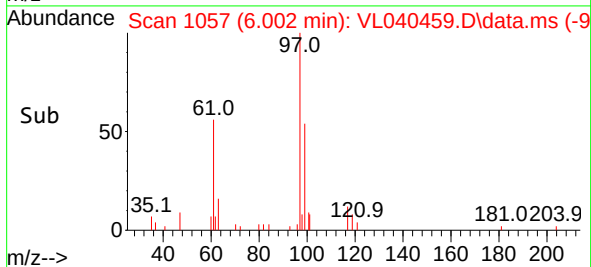
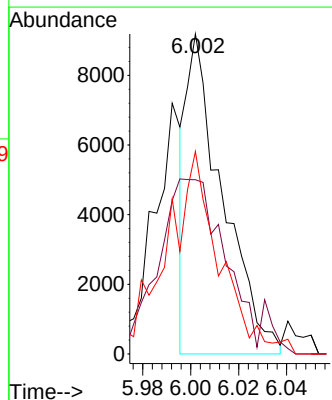
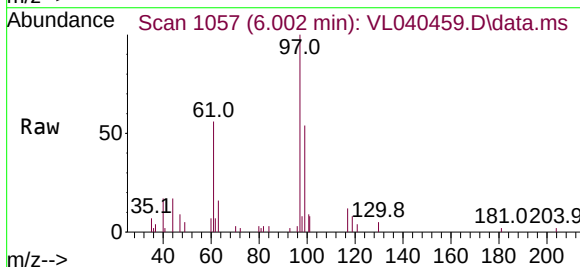
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

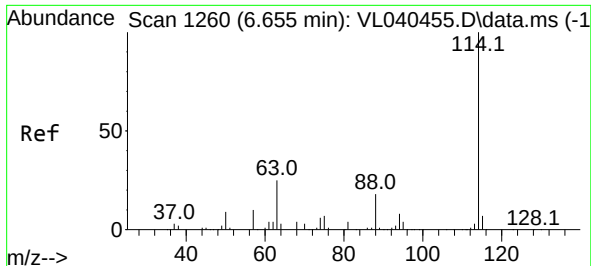
Tgt Ion: 61 Resp: 1349
 Ion Ratio Lower Upper
 61 100
 96 67.4 50.2 75.4
 98 33.2 32.9 49.3



#32
 1,1,1-Trichloroethane
 Concen: 0.054 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

Tgt Ion: 97 Resp: 9644
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3#
 61 93.8 39.7 59.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

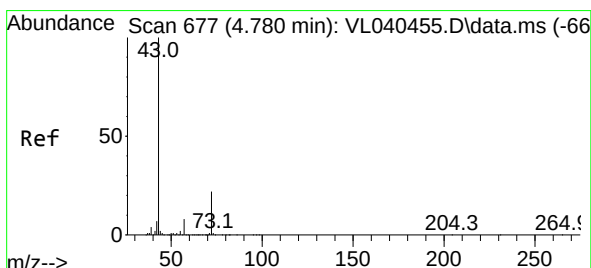
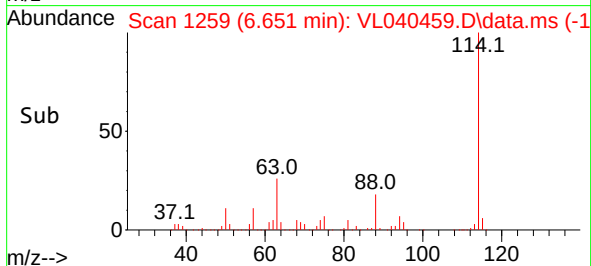
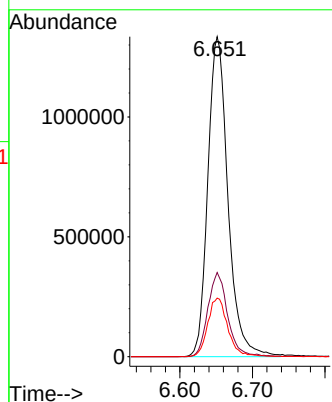
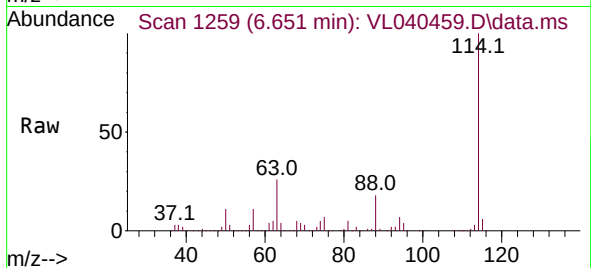
Tgt Ion:114 Resp: 2573105

Ion Ratio Lower Upper

114 100

63 26.1 21.0 31.6

88 18.4 14.5 21.7



#34

2-Butanone

Concen: 0.072 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.022 min

Lab File: VL040459.D

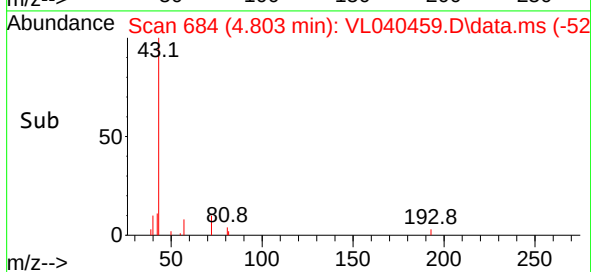
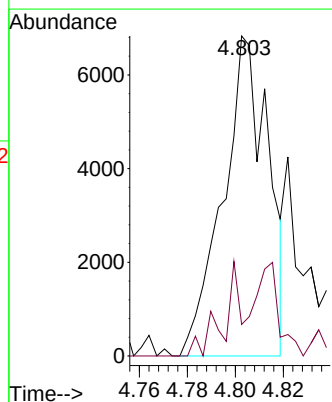
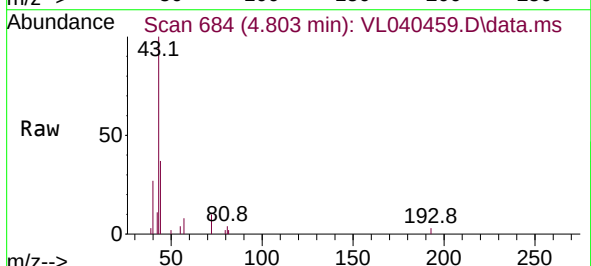
Acq: 5 Jun 2023 16:44

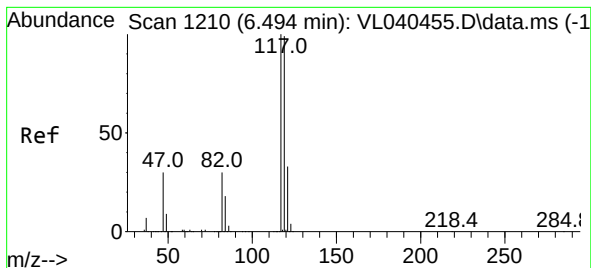
Tgt Ion: 43 Resp: 8908

Ion Ratio Lower Upper

43 100

72 26.2 18.1 27.1





#35

Carbon Tetrachloride

Concen: 0.042 ppbv

RT: 6.494 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

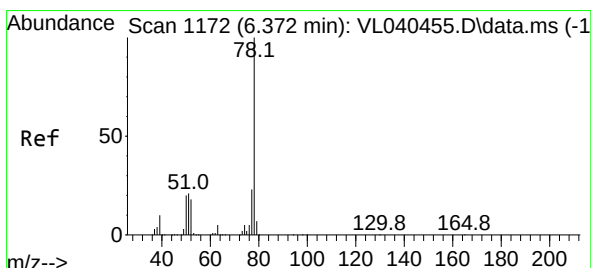
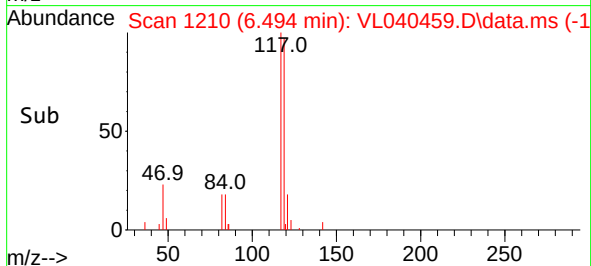
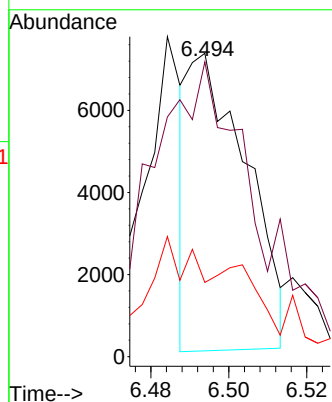
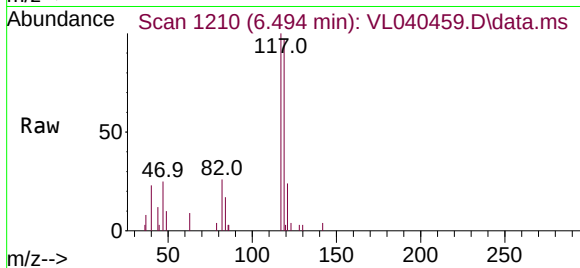
Tgt Ion:117 Resp: 7501

Ion Ratio Lower Upper

117 100

119 70.4 79.1 118.7#

121 22.5 26.0 39.0#



#36

Benzene

Concen: 0.056 ppbv

RT: 6.368 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

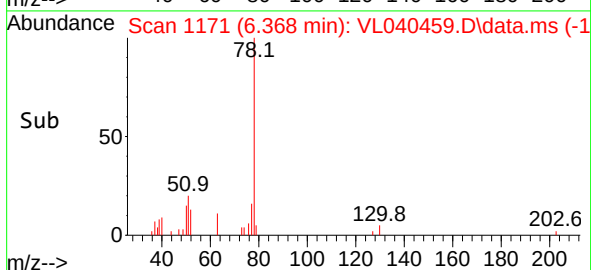
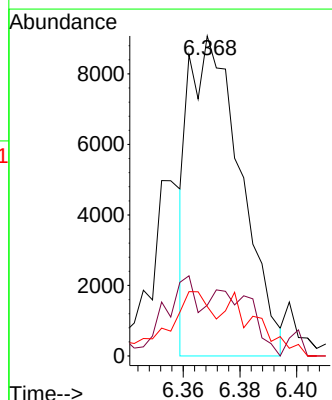
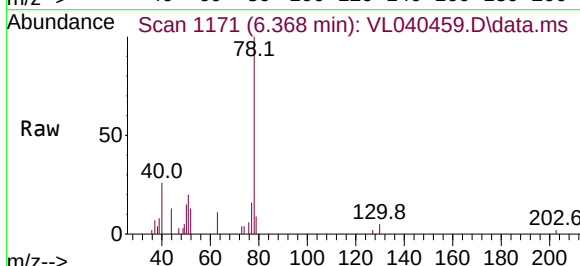
Tgt Ion: 78 Resp: 11495

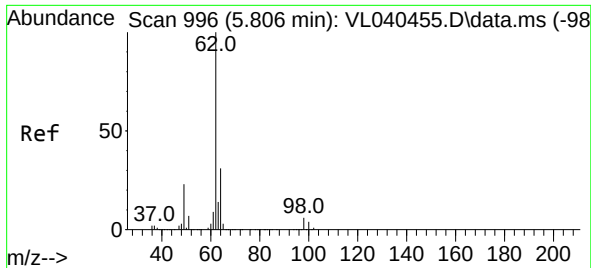
Ion Ratio Lower Upper

78 100

77 17.4 18.5 27.7#

50 10.3 16.1 24.1#

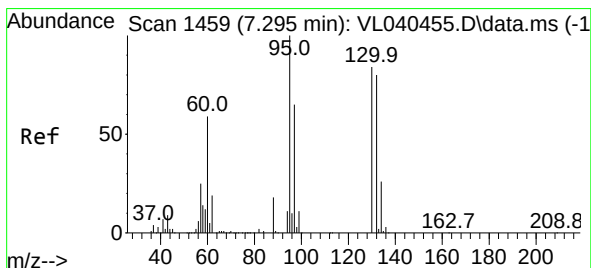
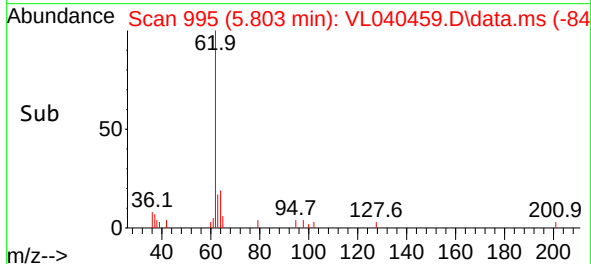
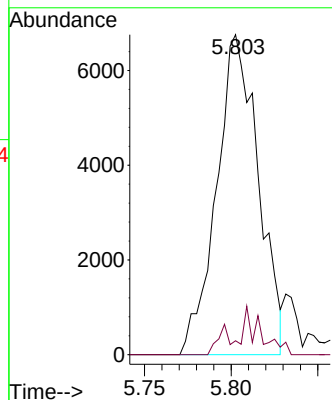
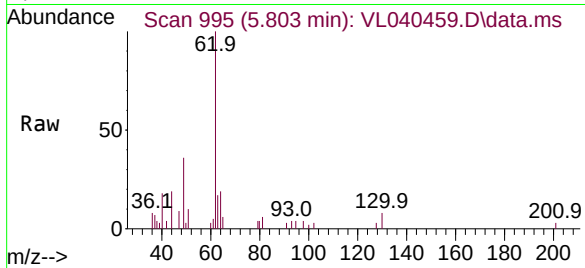




#37
1,2-Dichloroethane
Concen: 0.085 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

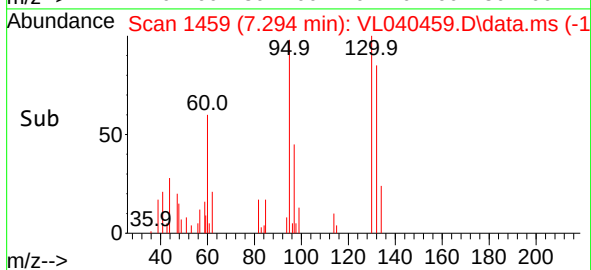
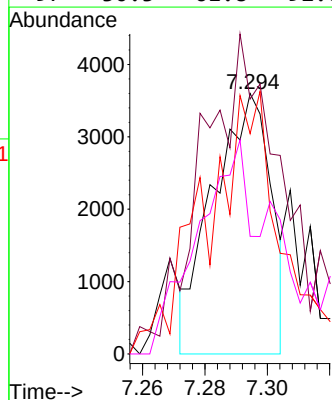
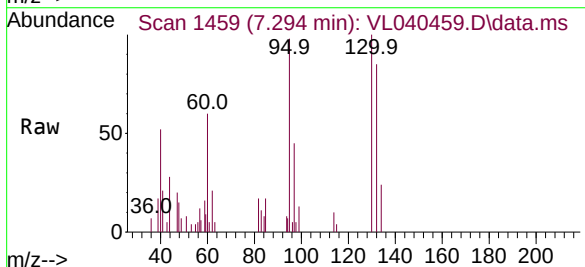
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

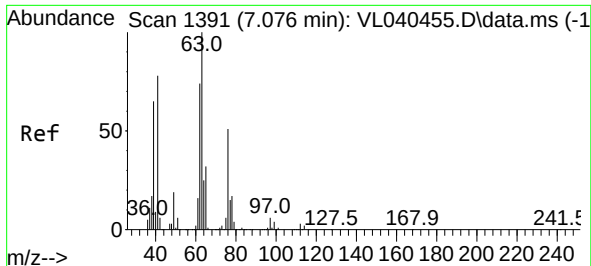
Tgt Ion: 62 Resp: 11319
Ion Ratio Lower Upper
62 100
98 9.0 4.6 6.8#



#38
Trichloroethene
Concen: 0.059 ppbv
RT: 7.294 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 130 Resp: 4641
Ion Ratio Lower Upper
130 100
95 98.2 95.4 143.0
132 61.2 76.3 114.5#
97 30.3 61.8 92.6#





#39

1,2-Dichloropropane

Concen: 8.228 ppbv

RT: 6.651 min Scan# 1

Delta R.T. -0.425 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

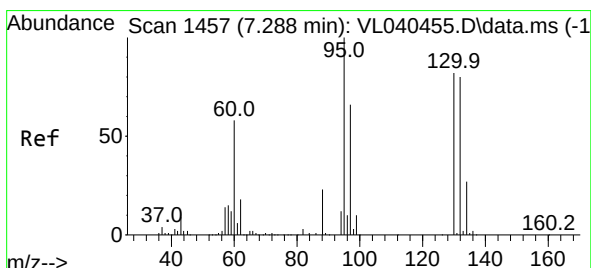
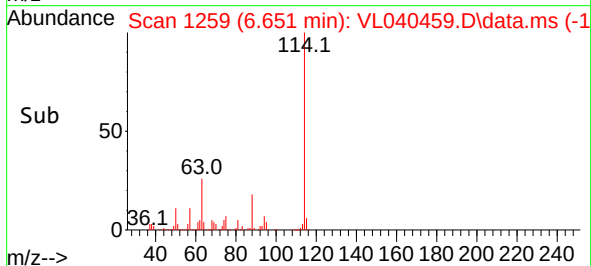
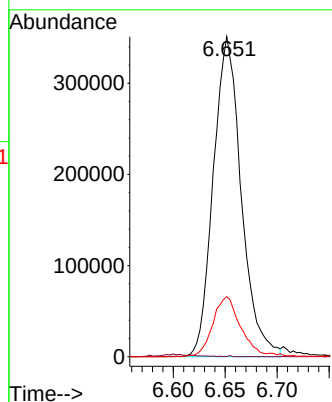
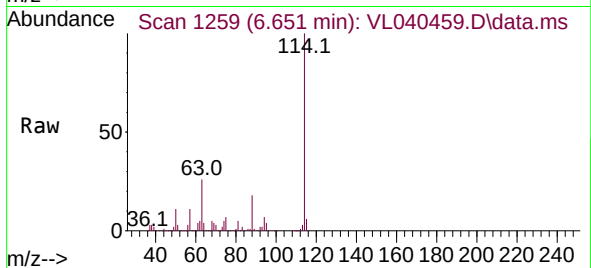
Tgt Ion: 63 Resp: 657301

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.2#

62 18.6 59.0 88.4#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Tgt Ion: 88 Resp: 81

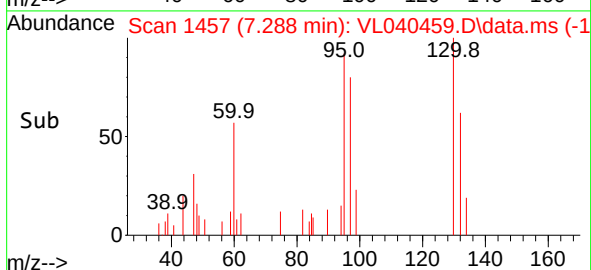
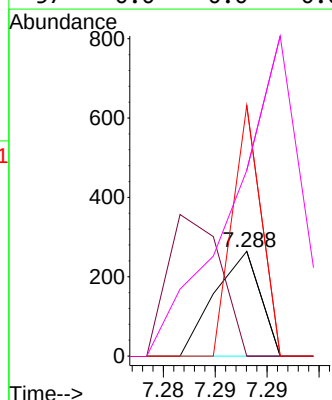
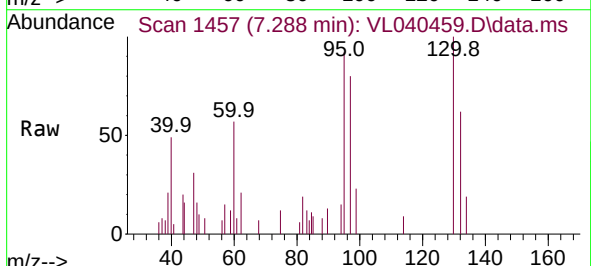
Ion Ratio Lower Upper

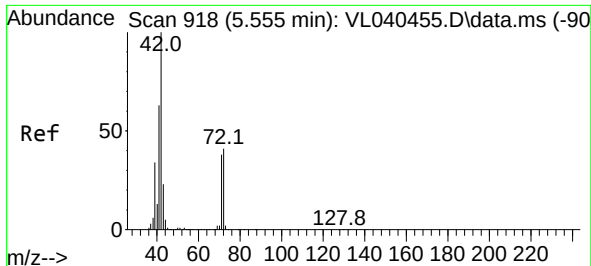
88 100

58 156.8 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.004 ppbv

RT: 5.568 min Scan# 91

Delta R.T. 0.013 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

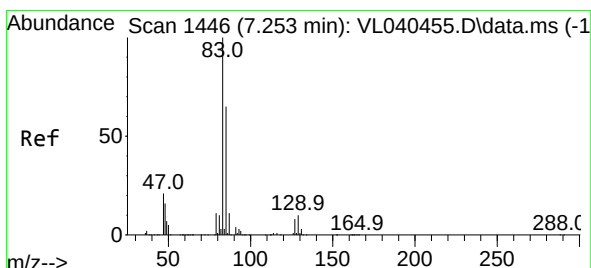
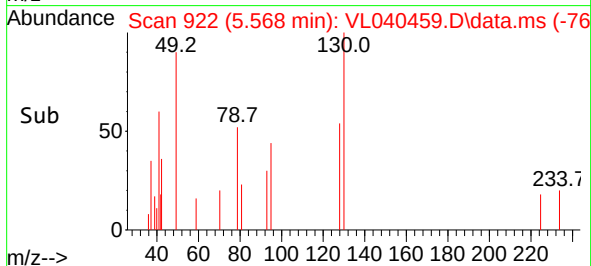
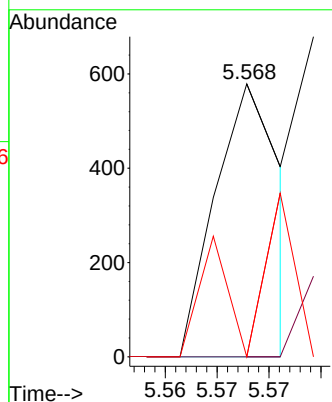
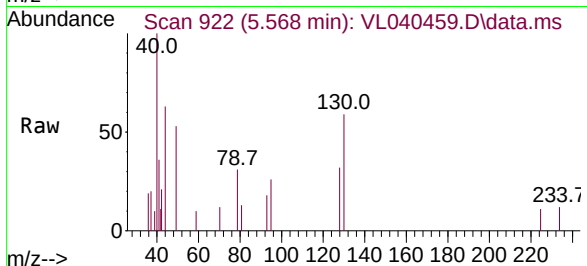
Tgt Ion: 42 Resp: 255

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.8#

71 0.0 32.3 48.5#



#42

Bromodichloromethane

Concen: 0.055 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.010 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

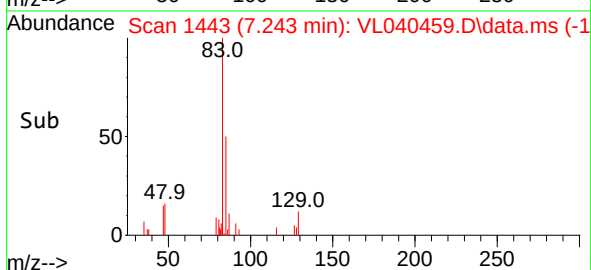
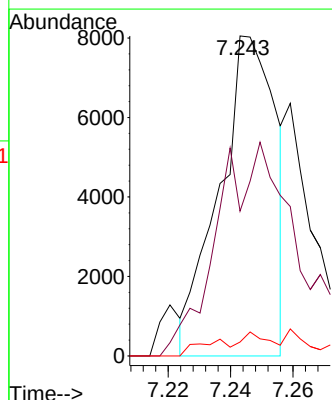
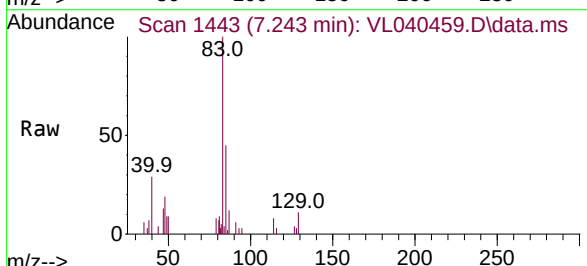
Tgt Ion: 83 Resp: 10085

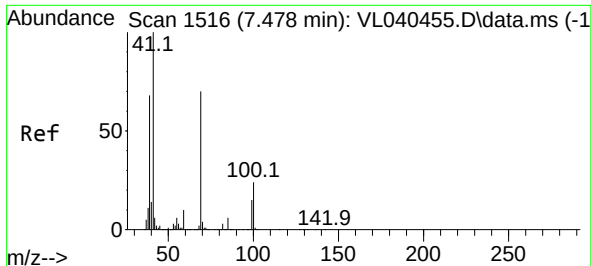
Ion Ratio Lower Upper

83 100

85 40.3 51.8 77.6#

127 4.9 6.1 9.1#

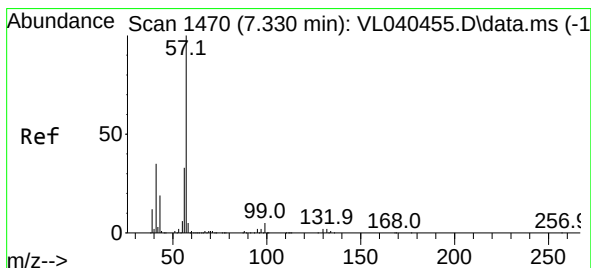
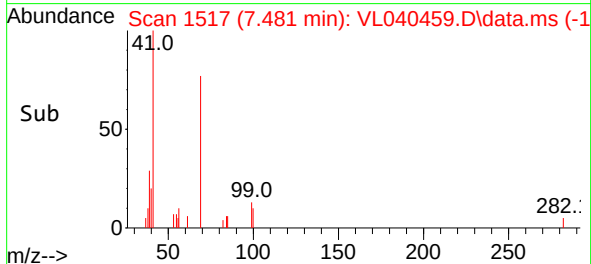
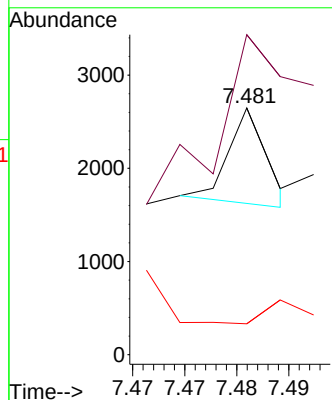
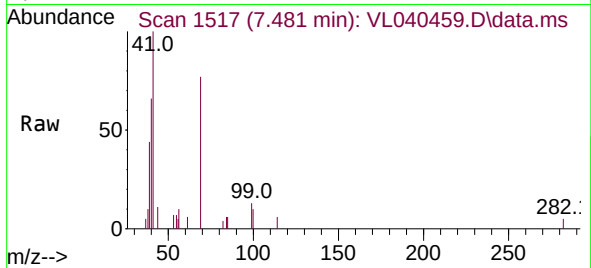




#43
Methyl Methacrylate
Concen: 0.003 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

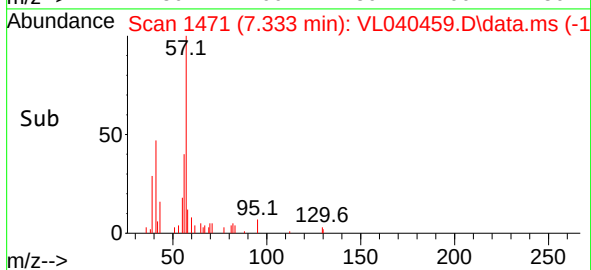
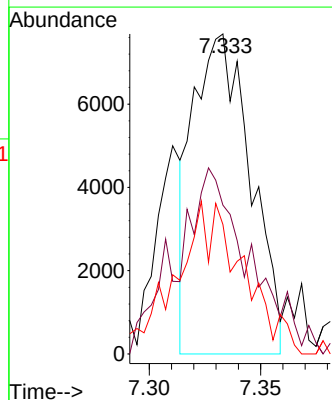
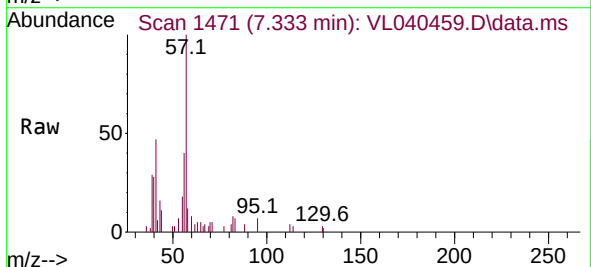
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

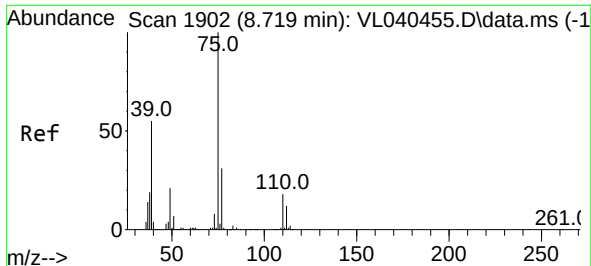
Tgt Ion: 69 Resp: 247
Ion Ratio Lower Upper
69 100
41 2771.3 114.3 171.5#
100 0.0 25.4 38.2#



#44
2,2,4-Trimethylpentane
Concen: 0.041 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 57 Resp: 13846
Ion Ratio Lower Upper
57 100
41 76.6 27.8 41.8#
56 57.2 25.3 37.9#





#45

t-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 8.745 min Scan# 1902

Delta R.T. 0.026 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

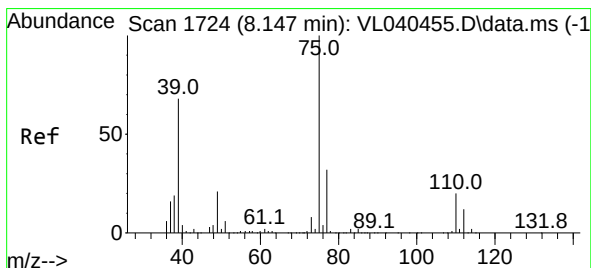
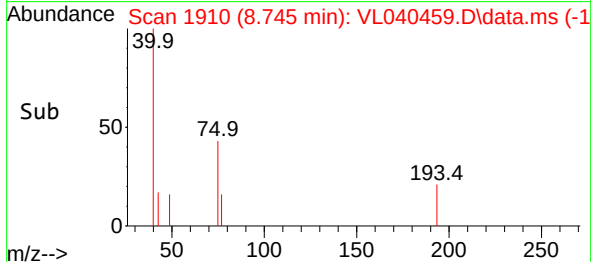
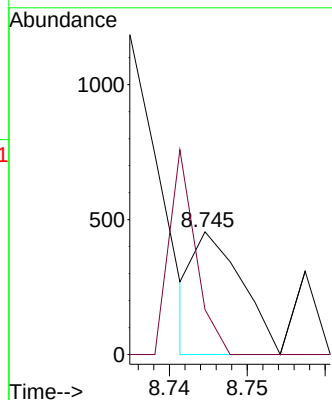
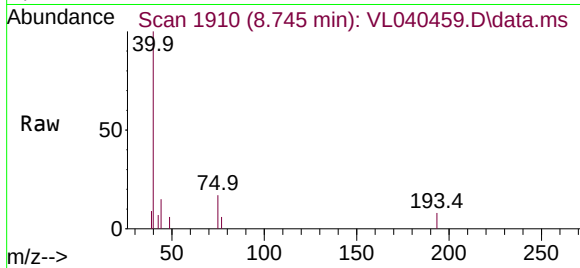
VSTDIC0.1

Tgt Ion: 75 Resp: 191

Ion Ratio Lower Upper

75 100

77 36.7 25.0 37.4



#46

cis-1,3-Dichloropropene

Concen: 0.028 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

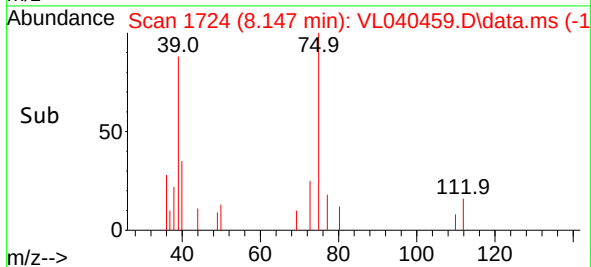
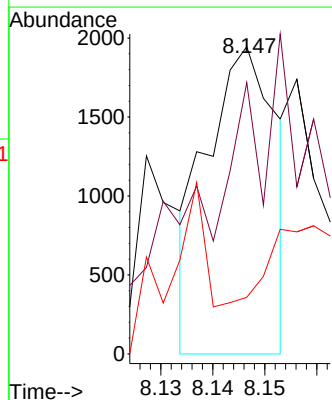
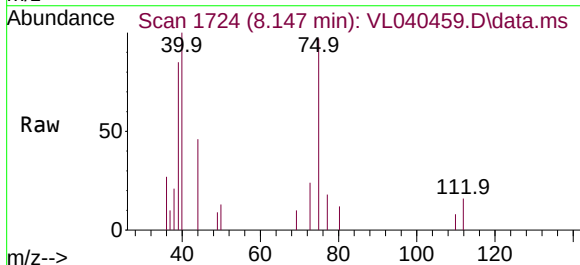
Tgt Ion: 75 Resp: 1809

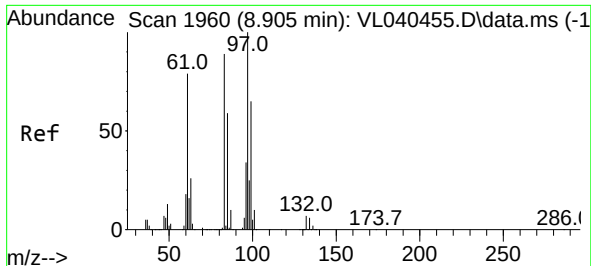
Ion Ratio Lower Upper

75 100

39 86.5 54.2 81.4#

77 0.0 25.5 38.3#





#47

1,1,2-Trichloroethane

Concen: 0.026 ppbv

RT: 8.899 min Scan# 1960

Delta R.T. -0.007 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 97 Resp: 2291

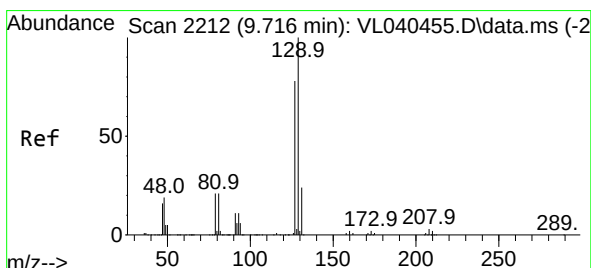
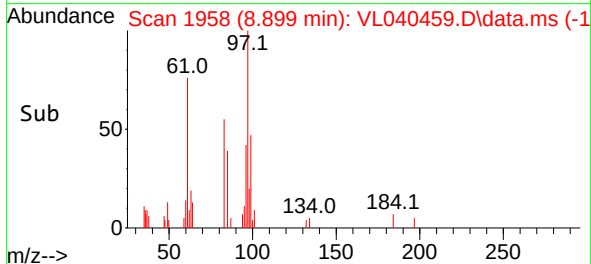
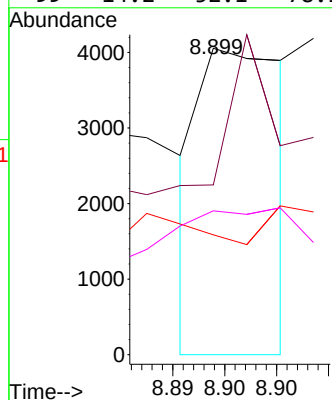
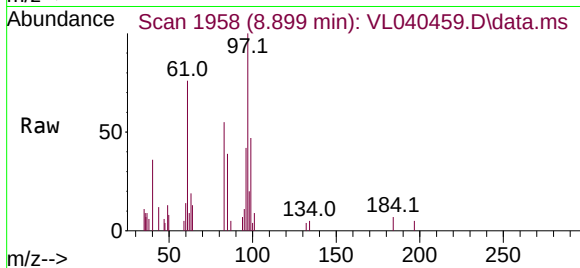
Ion Ratio Lower Upper

97 100

83 0.6 71.4 107.2#

85 0.0 47.2 70.8#

99 14.2 52.1 78.1#



#48

Dibromochloromethane

Concen: 0.032 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.007 min

Lab File: VL040459.D

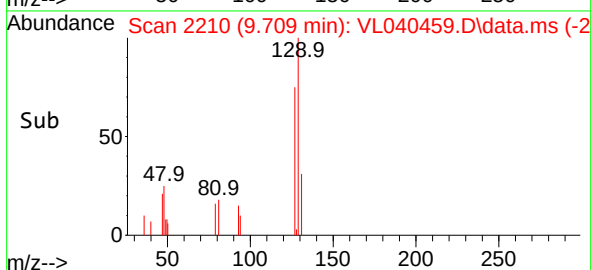
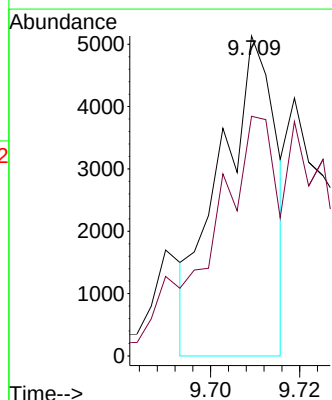
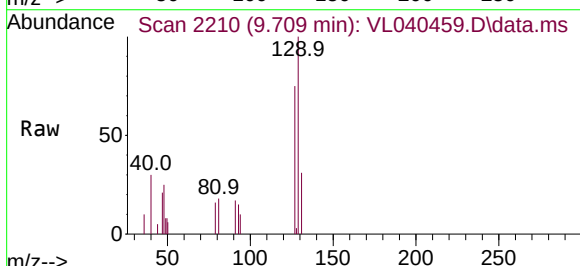
Acq: 5 Jun 2023 16:44

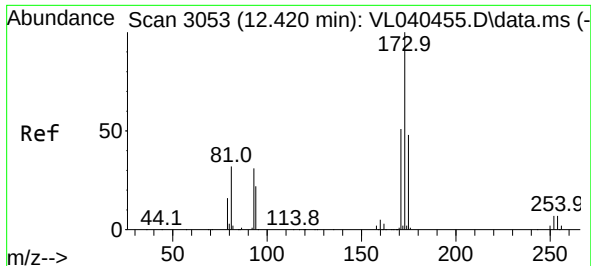
Tgt Ion: 129 Resp: 4499

Ion Ratio Lower Upper

129 100

127 160.1 39.4 118.1#





#49

Bromoform

Concen: 0.036 ppbv

RT: 12.410 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

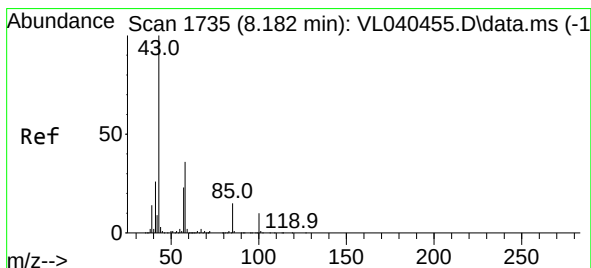
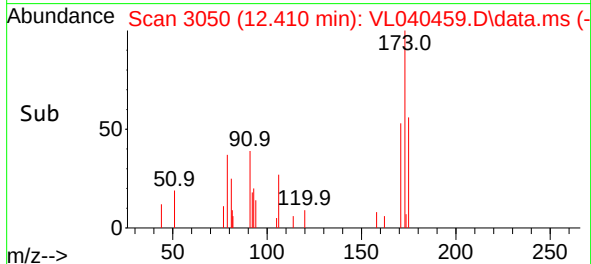
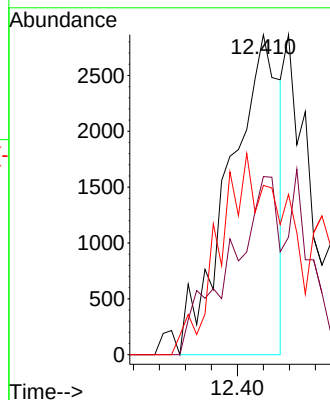
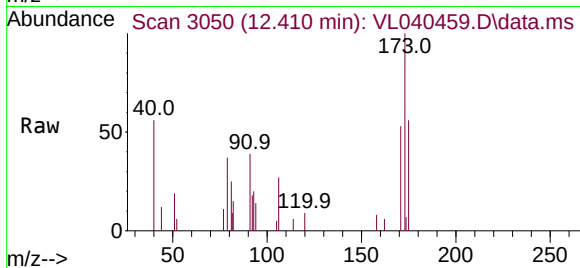
Tgt Ion:173 Resp: 3802

Ion Ratio Lower Upper

173 100

175 0.0 39.2 58.8#

171 102.9 42.2 63.2#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VL040459.D

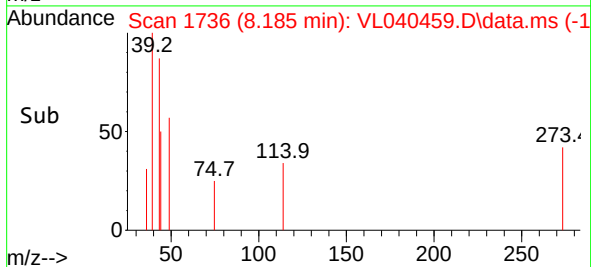
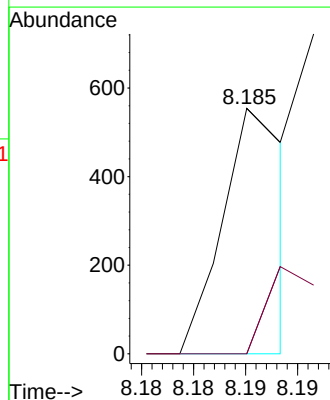
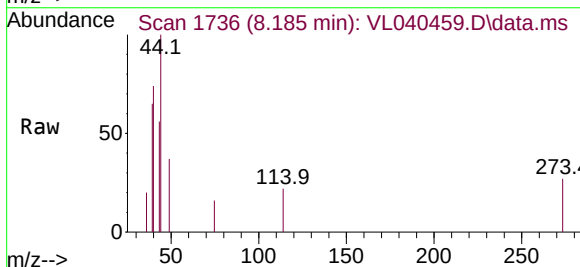
Acq: 5 Jun 2023 16:44

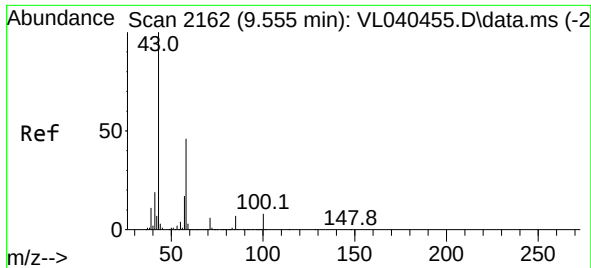
Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#

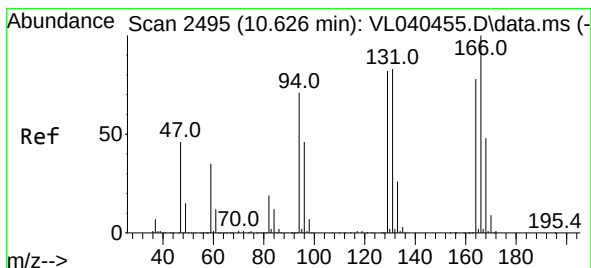
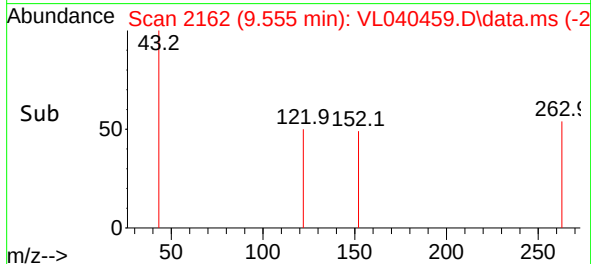
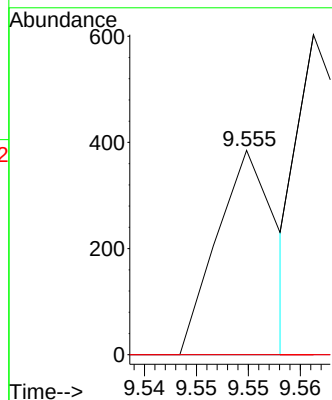
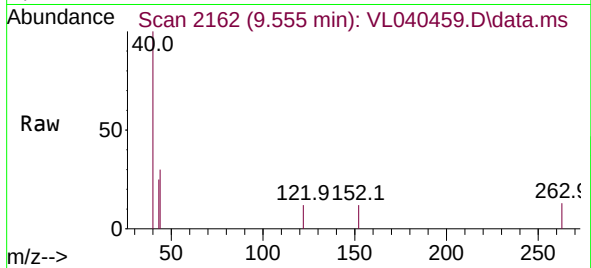




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

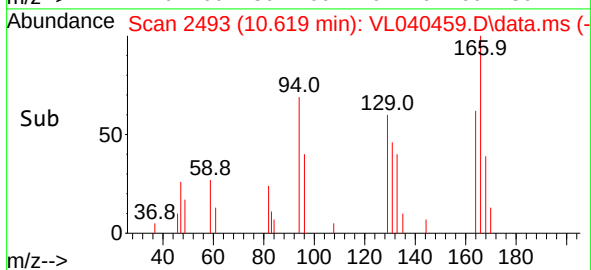
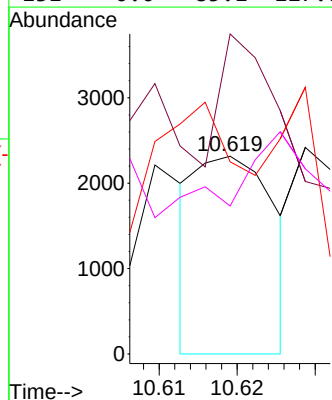
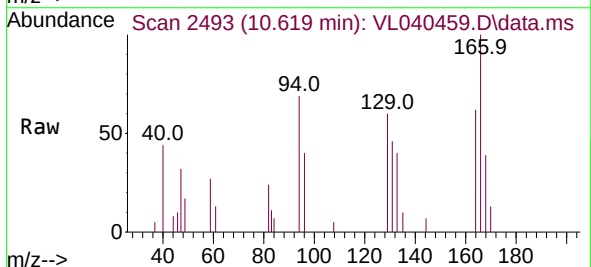
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

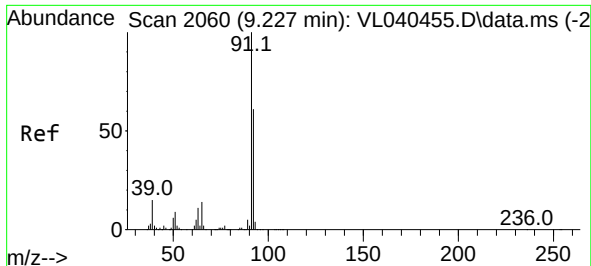
Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 0.0 37.1 55.7#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.025 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.007 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 164 Resp: 1599
Ion Ratio Lower Upper
164 100
166 188.4 102.7 154.1#
129 0.0 84.6 126.8#
131 0.0 85.1 127.7#

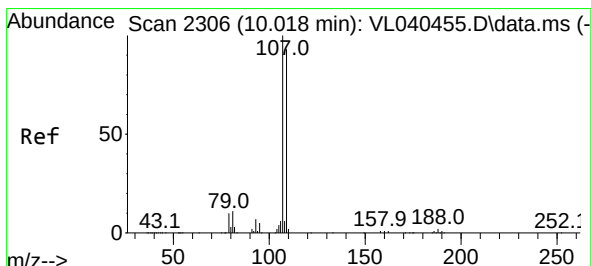
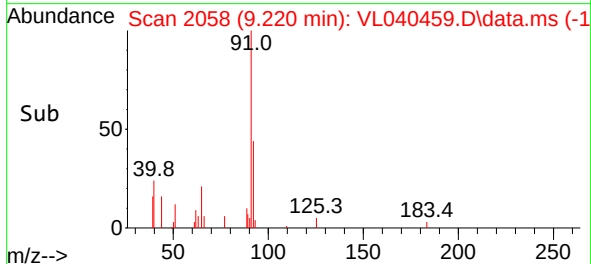
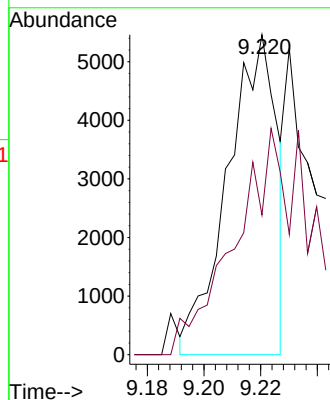
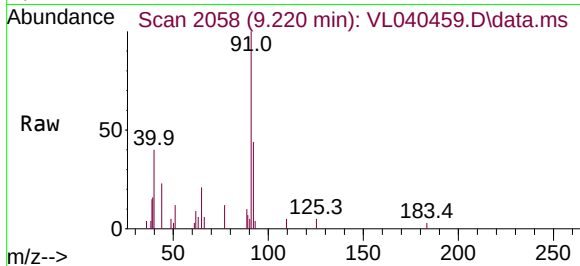




#53
Toluene
Concen: 0.030 ppbv
RT: 9.220 min Scan# 2060
Delta R.T. -0.007 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

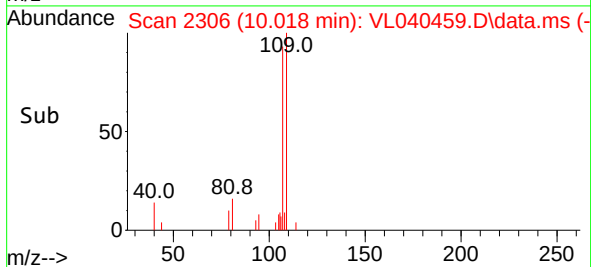
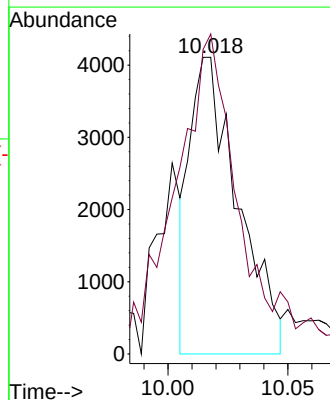
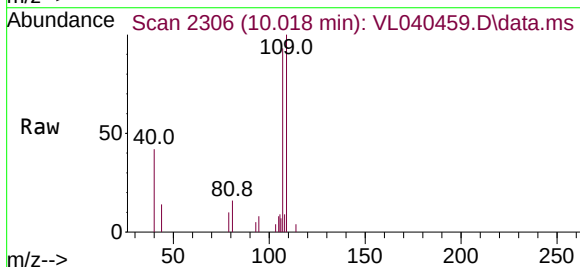
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

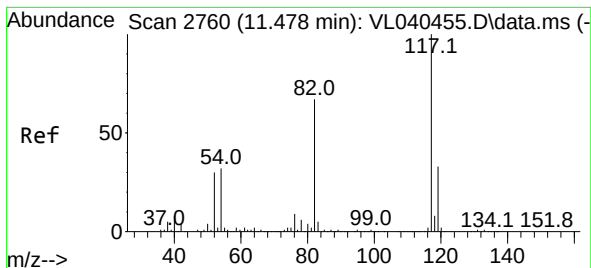
Tgt Ion: 91 Resp: 6569
Ion Ratio Lower Upper
91 100
92 110.3 49.1 73.7#



#54
1,2-Dibromoethane
Concen: 0.050 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 107 Resp: 5747
Ion Ratio Lower Upper
107 100
109 98.6 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

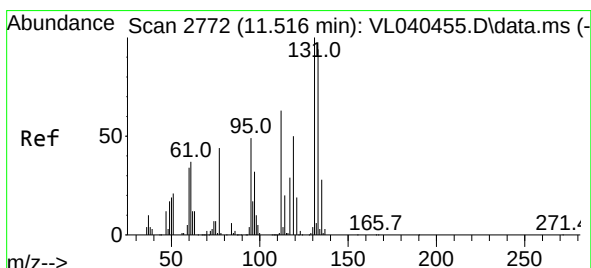
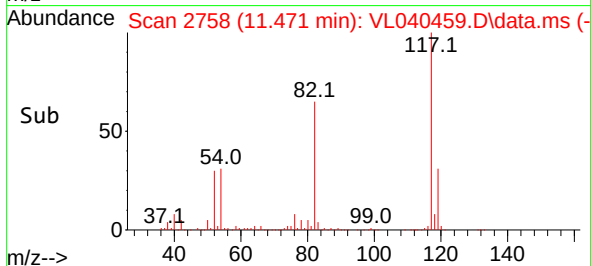
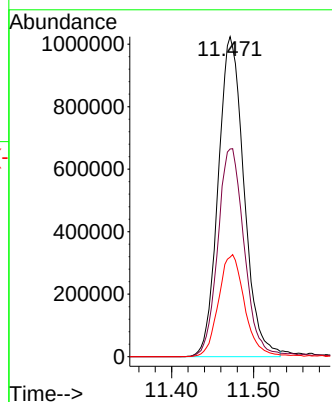
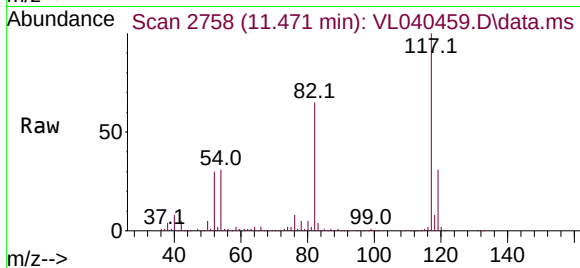
Tgt Ion:117 Resp: 2236452

Ion Ratio Lower Upper

117 100

82 67.8 53.0 79.4

119 32.6 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 0.034 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.010 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

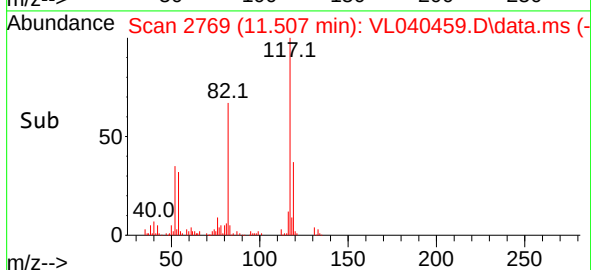
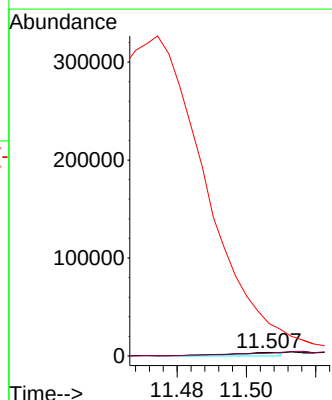
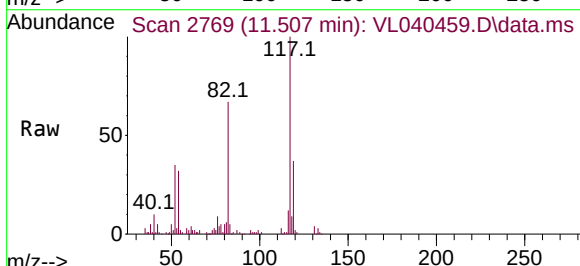
Tgt Ion:131 Resp: 3619

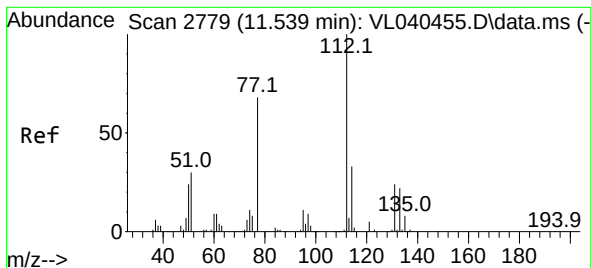
Ion Ratio Lower Upper

131 100

133 0.0 75.7 113.5#

119 0.0 51.4 77.2#

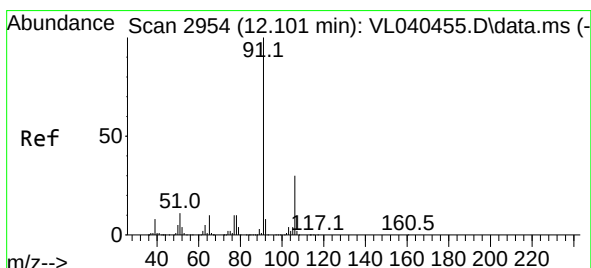
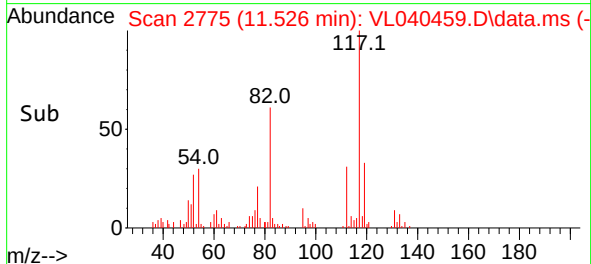
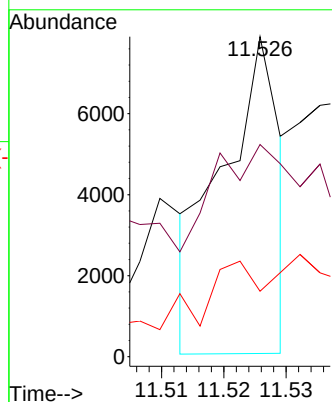
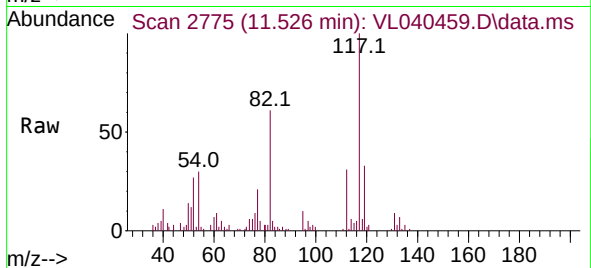




#57
Chlorobenzene
Concen: 0.030 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

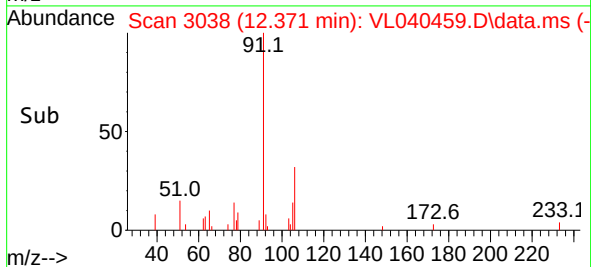
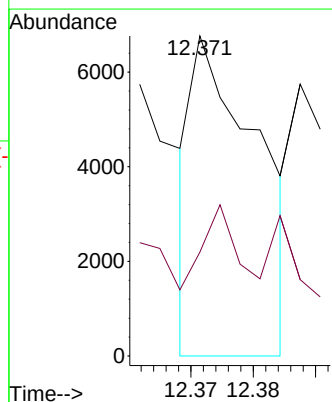
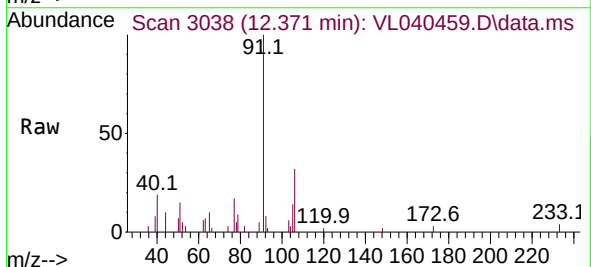
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

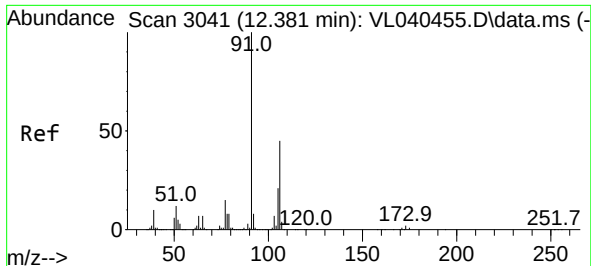
Tgt Ion:112 Resp: 5088
Ion Ratio Lower Upper
112 100
77 66.5 55.4 83.2
114 1.4 30.0 36.6#



#58
Ethyl Benzene
Concen: 0.018 ppbv
RT: 12.371 min Scan# 3038
Delta R.T. 0.270 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 91 Resp: 4944
Ion Ratio Lower Upper
91 100
106 27.0 23.7 35.5





#59

m/p-Xylene

Concen: 0.020 ppbv

RT: 12.371 min Scan# 3041

Delta R.T. -0.010 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

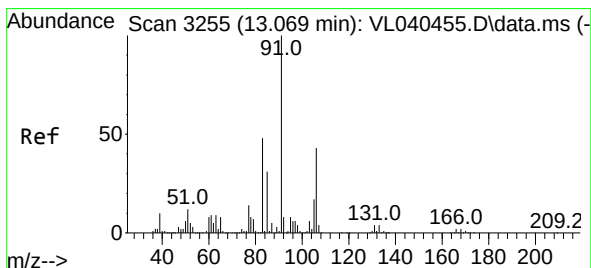
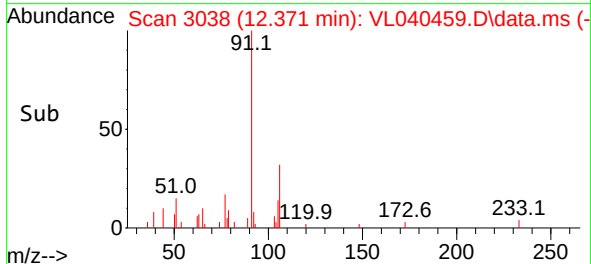
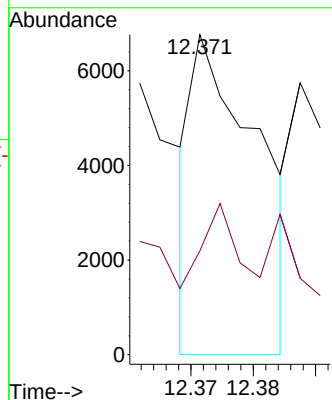
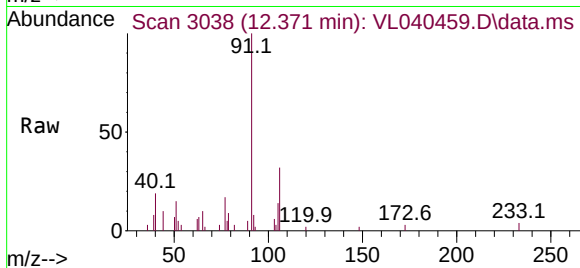
VSTDIC0.1

Tgt Ion: 91 Resp: 4944

Ion Ratio Lower Upper

91 100

106 192.7 34.6 52.0#



#60

o-Xylene

Concen: 0.009 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.007 min

Lab File: VL040459.D

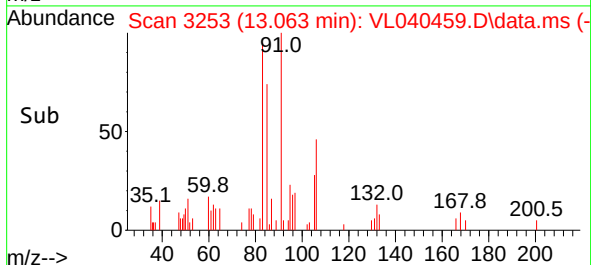
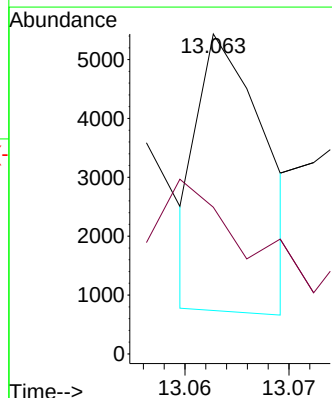
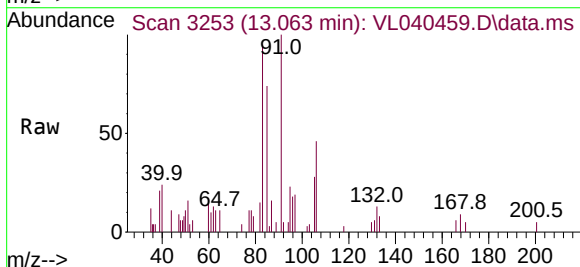
Acq: 5 Jun 2023 16:44

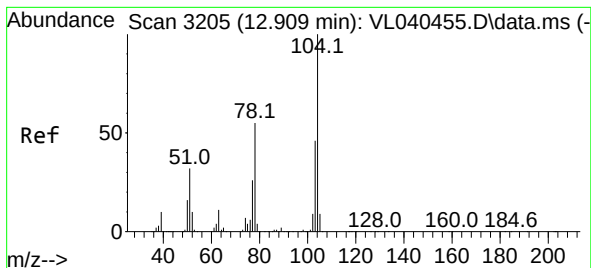
Tgt Ion: 91 Resp: 2091

Ion Ratio Lower Upper

91 100

106 234.9 22.1 66.1#





#61

Styrene

Concen: 0.019 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

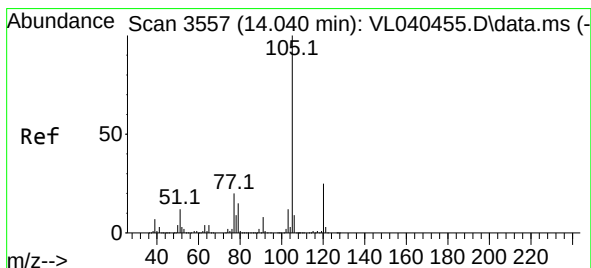
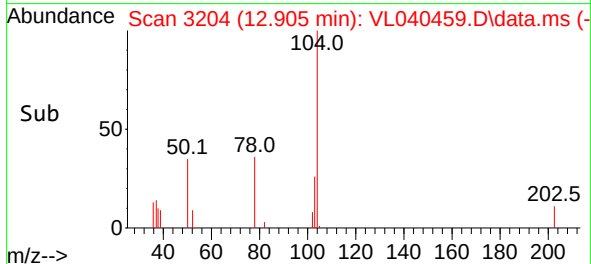
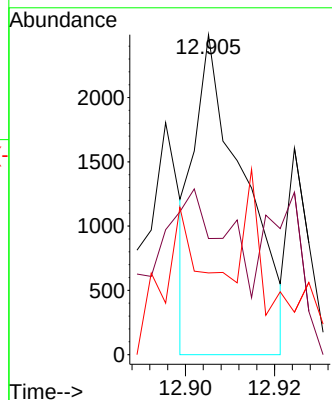
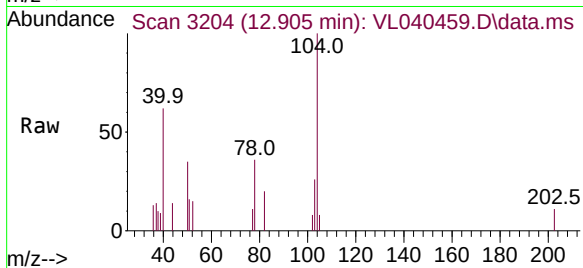
Tgt Ion:104 Resp: 1930

Ion Ratio Lower Upper

104 100

78 130.2 43.1 64.7#

103 0.0 37.1 55.7#



#62

Isopropylbenzene

Concen: 0.031 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040459.D

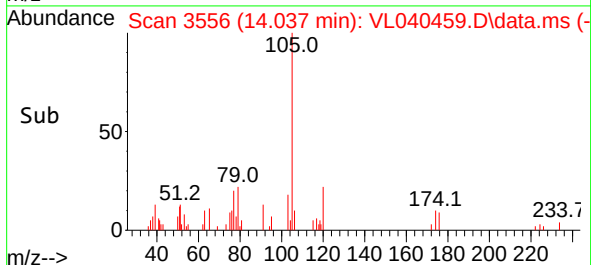
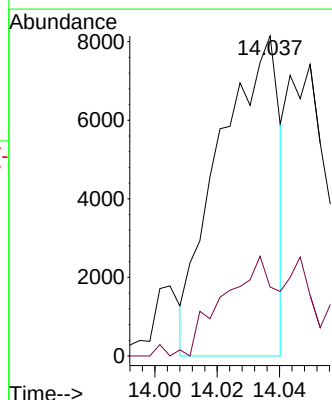
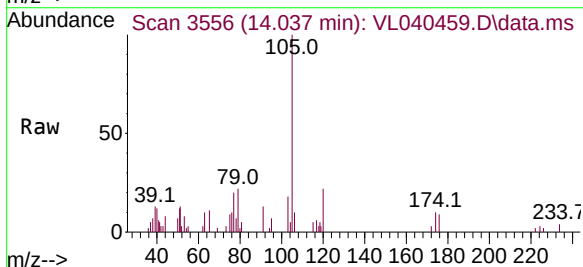
Acq: 5 Jun 2023 16:44

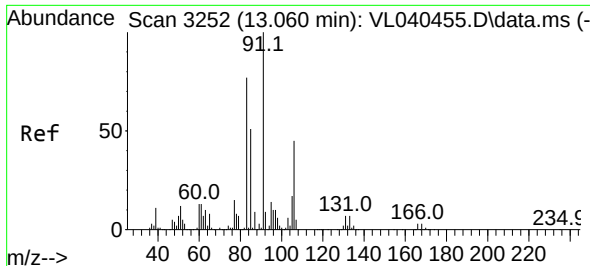
Tgt Ion:105 Resp: 10862

Ion Ratio Lower Upper

105 100

120 46.6 20.2 30.4#

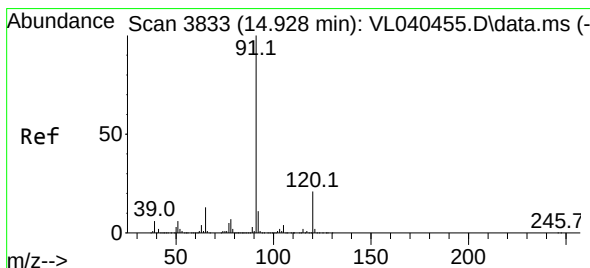
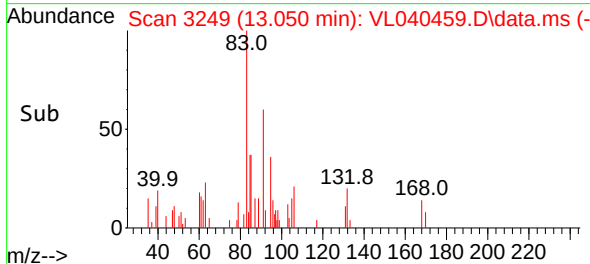
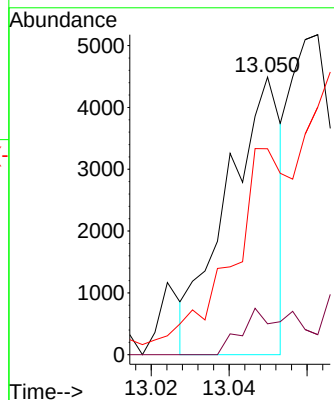
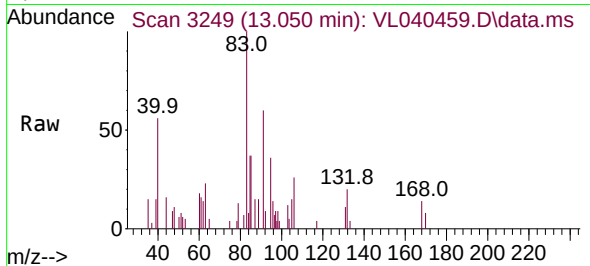




#63
1,1,2,2-Tetrachloroethane
Concen: 0.028 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

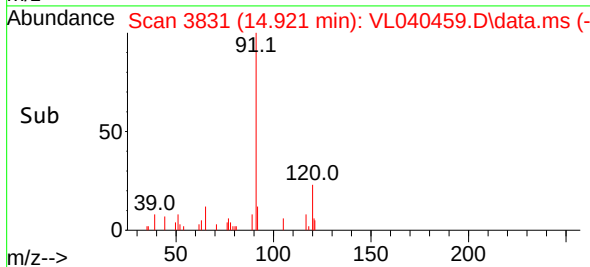
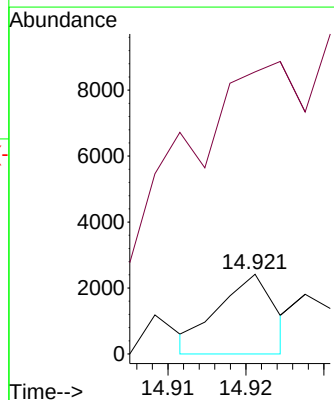
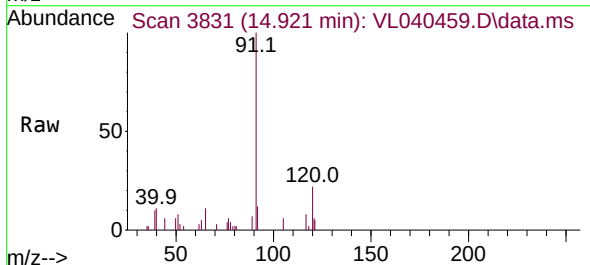
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

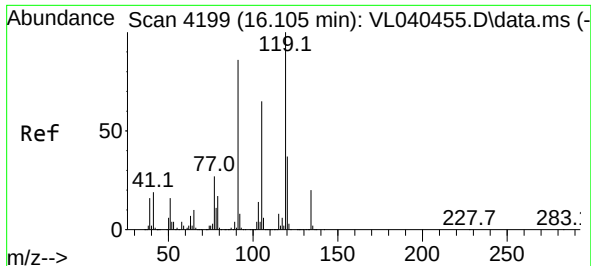
Tgt Ion: 83 Resp: 4344
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.015 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.007 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 120 Resp: 1218
Ion Ratio Lower Upper
120 100
91 0.0 388.5 582.7#

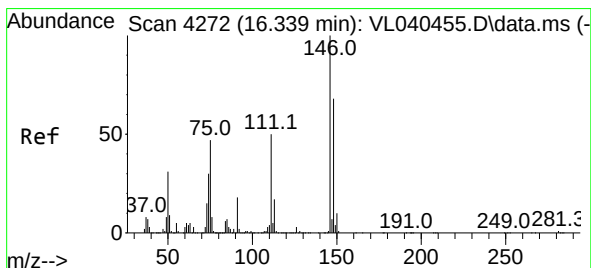
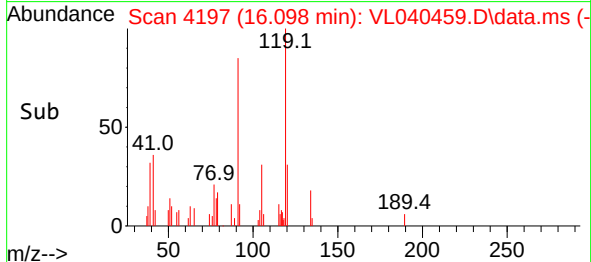
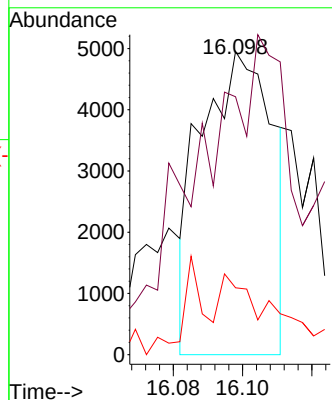
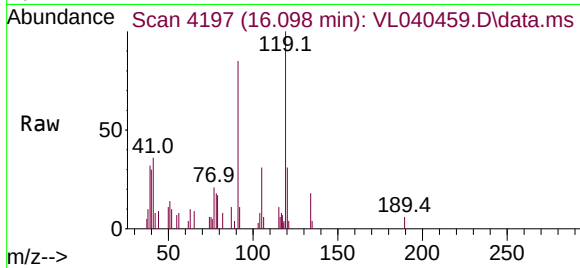




#65
tert-Butylbenzene
Concen: 0.024 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.007 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

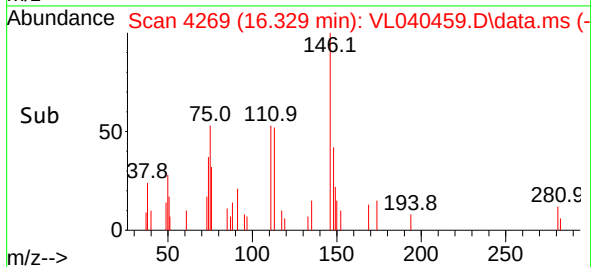
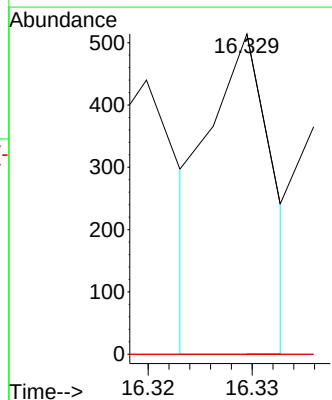
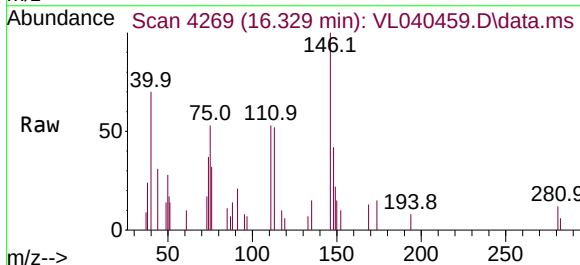
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

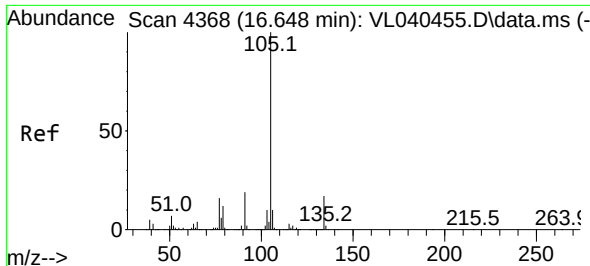
Tgt Ion:119 Resp: 7147
Ion Ratio Lower Upper
119 100
91 188.8 70.5 105.7#
134 0.0 15.6 23.4#



#66
Benzyl Chloride
Concen: 0.010 ppbv
RT: 16.329 min Scan# 4269
Delta R.T. -0.010 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 91 Resp: 216
Ion Ratio Lower Upper
91 100
126 0.0 13.2 19.8#
128 0.0 4.6 6.8#

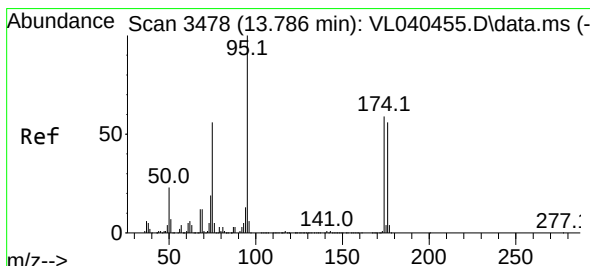
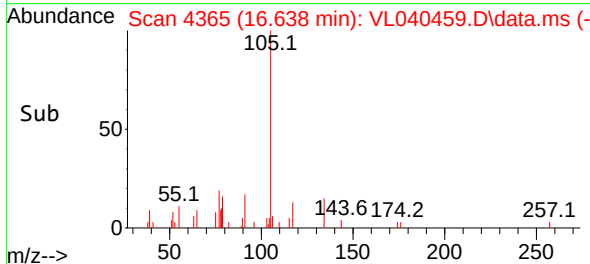
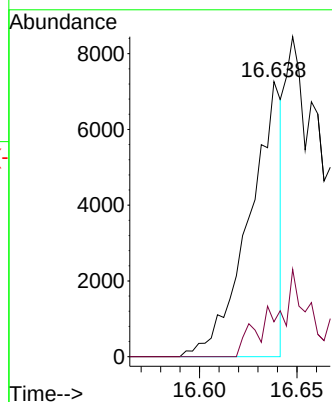
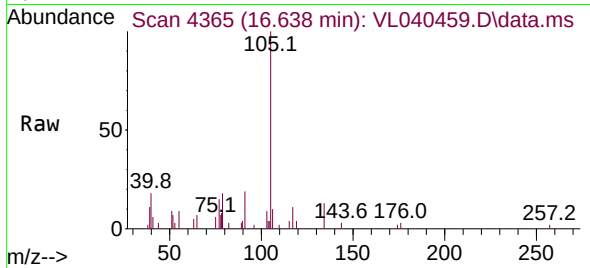




#67
 sec-Butylbenzene
 Concen: 0.019 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

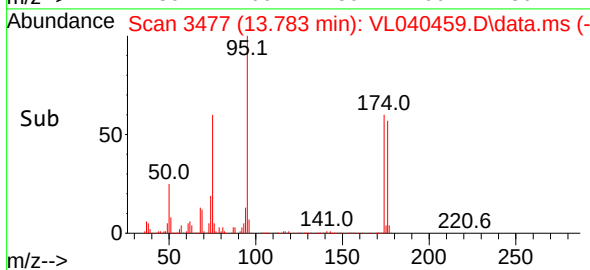
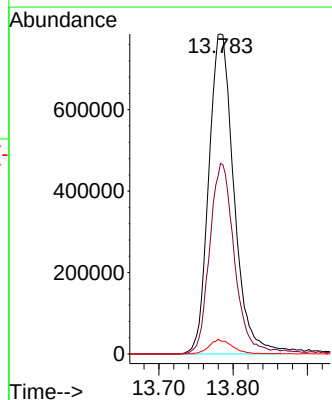
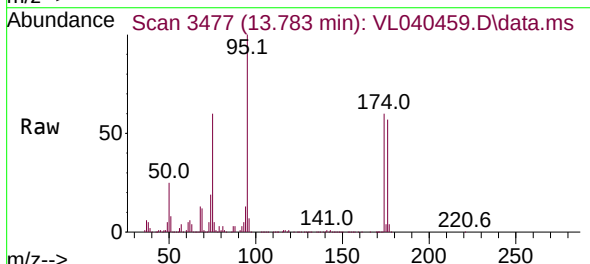
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

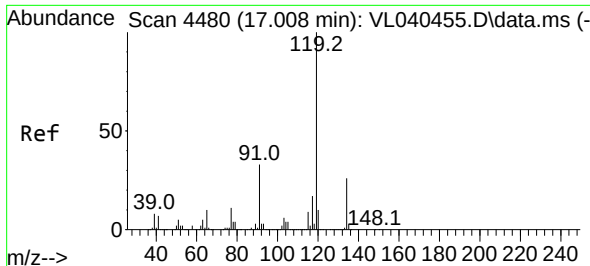
Tgt Ion:105 Resp: 8387
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.0 21.0#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.006 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040459.D
 Acq: 5 Jun 2023 16:44

Tgt Ion: 95 Resp: 1846880
 Ion Ratio Lower Upper
 95 100
 174 60.2 47.7 71.5
 175 4.3 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.008 ppbv

RT: 16.998 min Scan# 4480

Delta R.T. -0.010 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

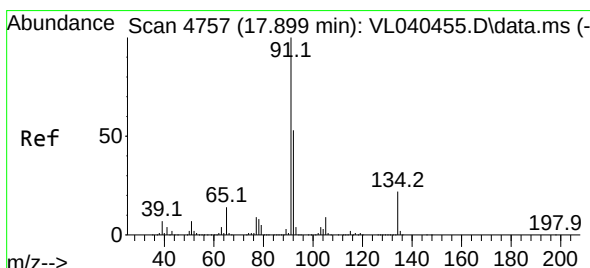
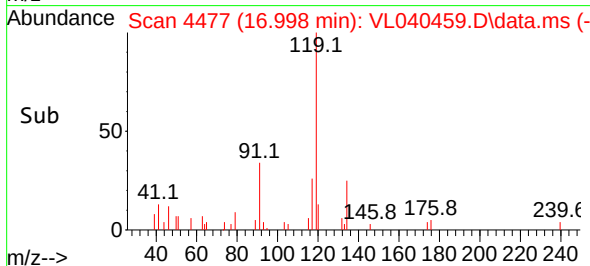
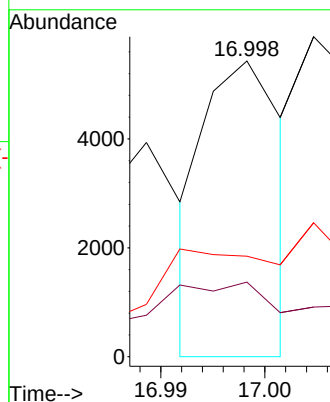
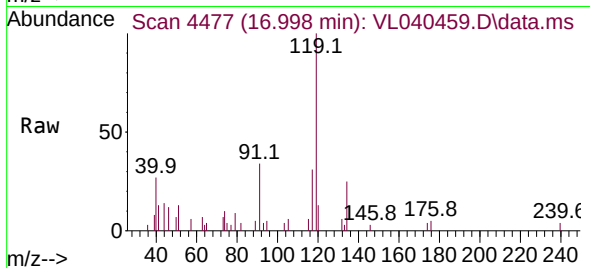
Tgt Ion:119 Resp: 2832

Ion Ratio Lower Upper

119 100

134 0.0 20.3 30.5#

91 0.0 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.017 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. -0.003 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

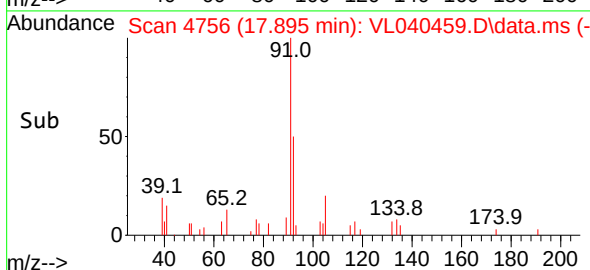
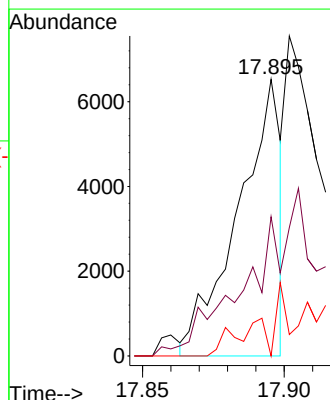
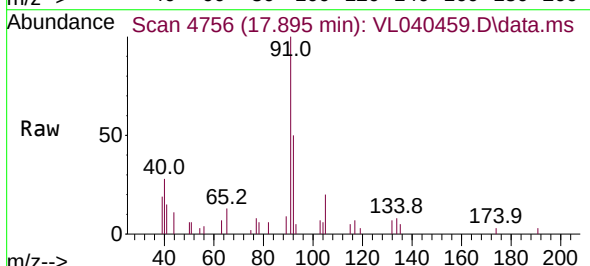
Tgt Ion: 91 Resp: 6820

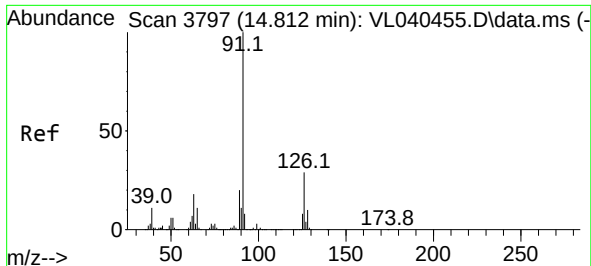
Ion Ratio Lower Upper

91 100

92 0.0 42.7 64.1#

134 0.0 16.9 25.3#

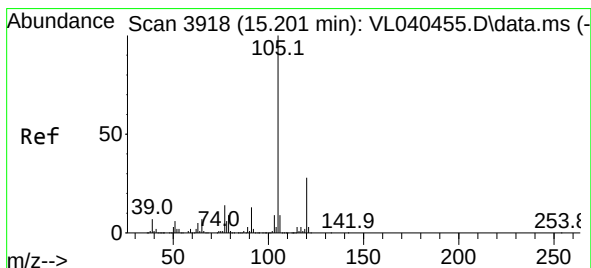
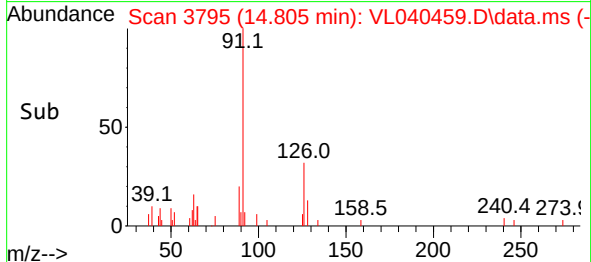
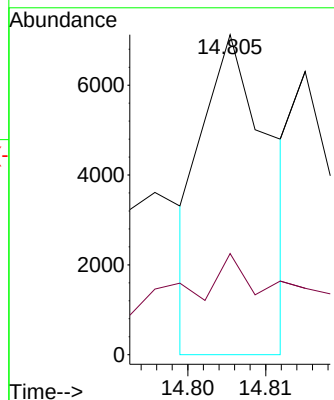
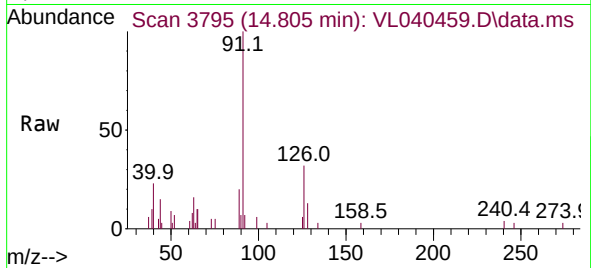




#71
2-Chlorotoluene
Concen: 0.016 ppbv
RT: 14.805 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

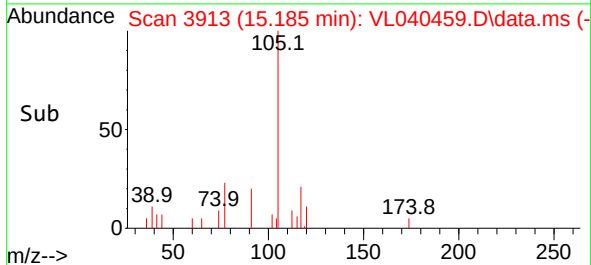
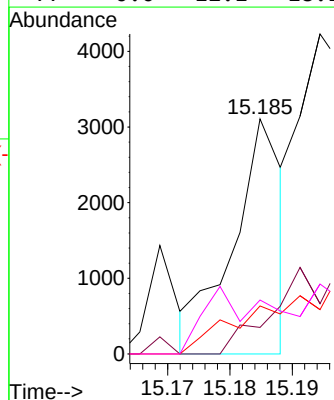
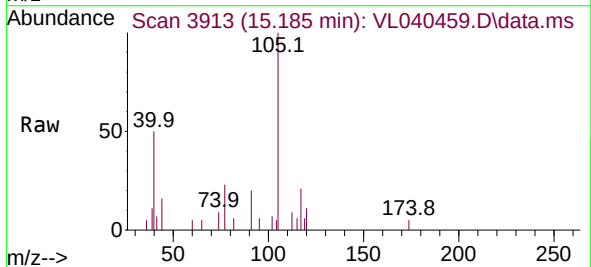
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

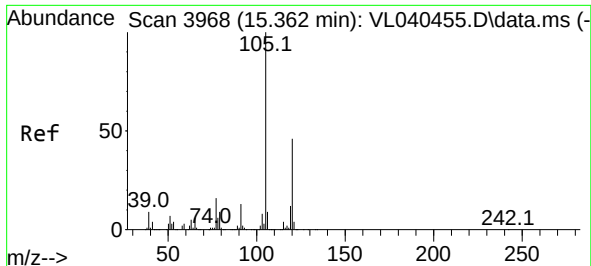
Tgt Ion: 91 Resp: 4278
Ion Ratio Lower Upper
91 100
126 93.1 12.0 48.2#



#72
4-Ethyltoluene
Concen: 0.006 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.016 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion: 105 Resp: 1724
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.0#
91 0.0 11.1 16.7#
77 0.0 12.1 18.1#

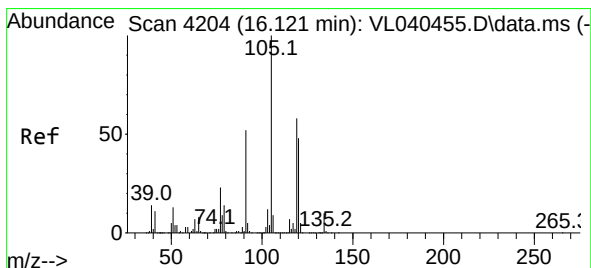
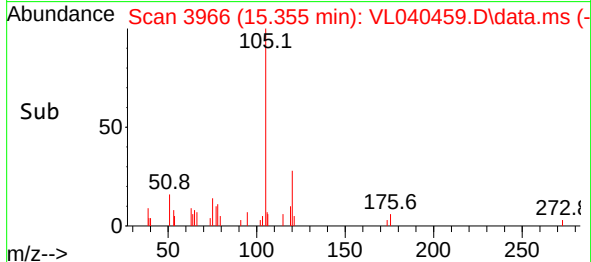
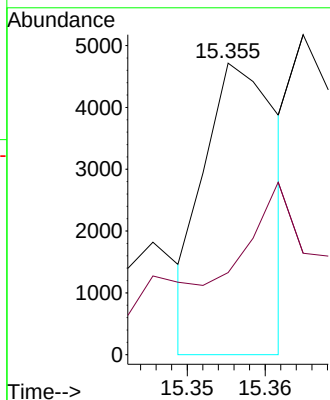
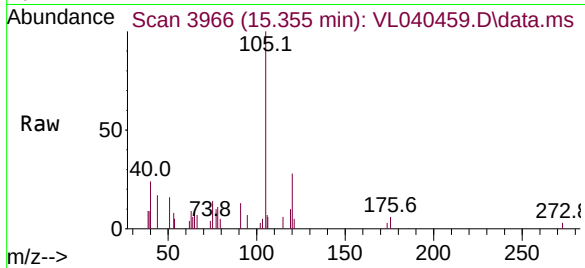




#73
1,3,5-Trimethylbenzene
Concen: 0.013 ppbv
RT: 15.355 min Scan# 3968
Delta R.T. -0.007 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

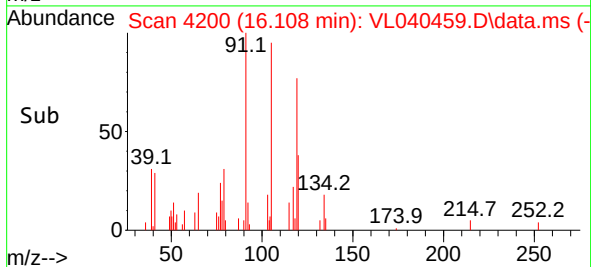
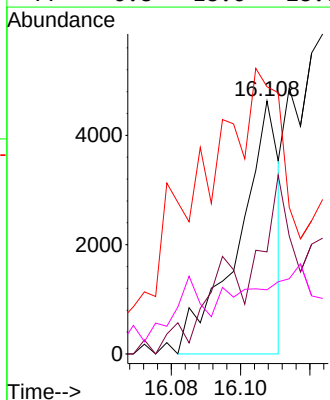
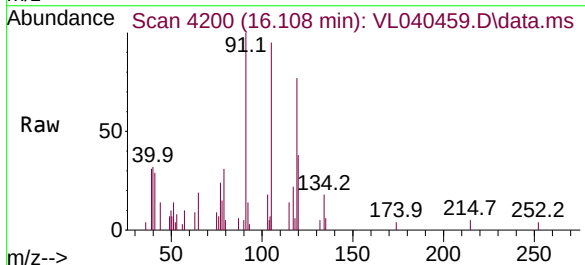
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

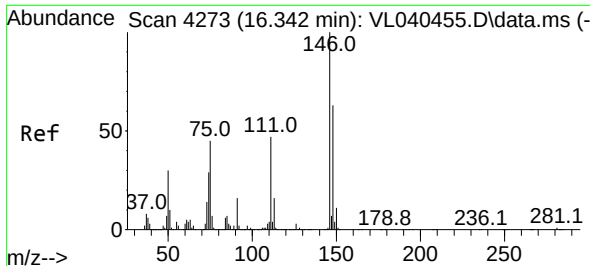
Tgt Ion:105 Resp: 3078
Ion Ratio Lower Upper
105 100
120 0.0 36.4 54.6#



#74
1,2,4-Trimethylbenzene
Concen: 0.014 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.013 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion:105 Resp: 3761
Ion Ratio Lower Upper
105 100
120 28.0 38.4 57.6#
91 45.7 41.3 61.9
77 6.8 18.6 28.0#

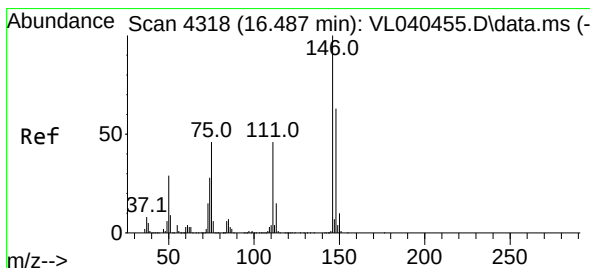
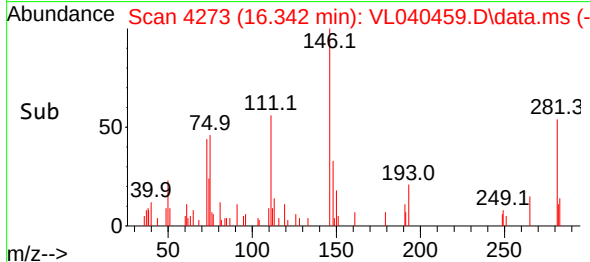
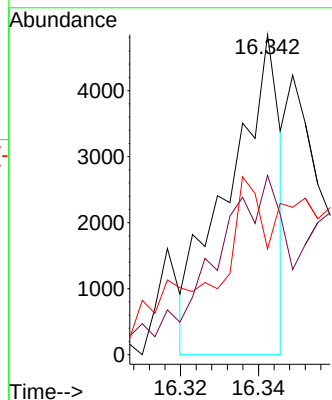
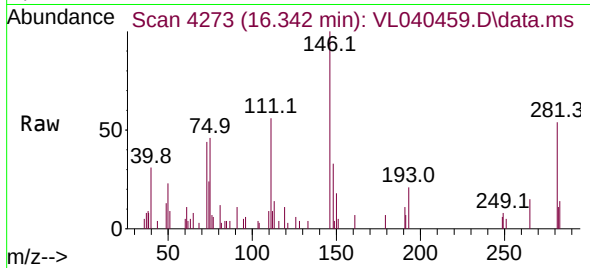




#75
1,3-Dichlorobenzene
Concen: 0.029 ppbv
RT: 16.342 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

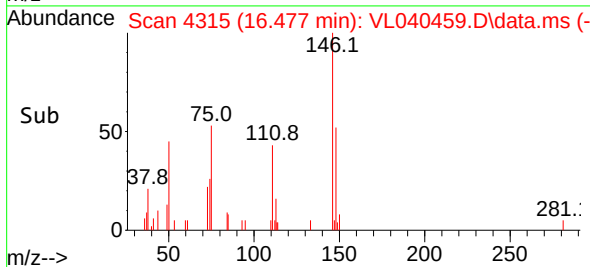
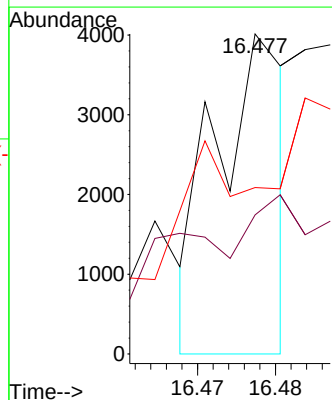
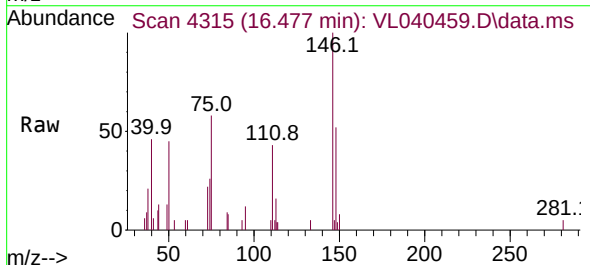
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

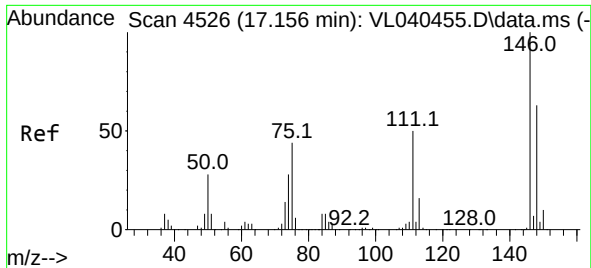
Tgt Ion:146 Resp: 4472
Ion Ratio Lower Upper
146 100
111 182.2 24.6 73.8#
148 177.1 32.4 97.2#



#76
1,4-Dichlorobenzene
Concen: 0.016 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion:146 Resp: 2476
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.5#
148 0.0 32.9 98.6#

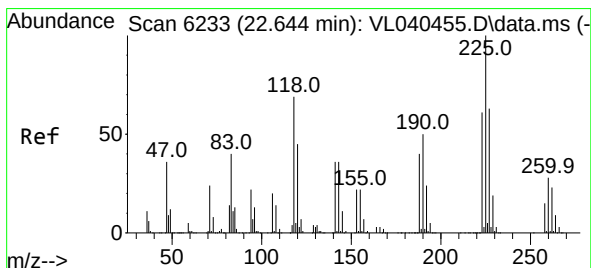
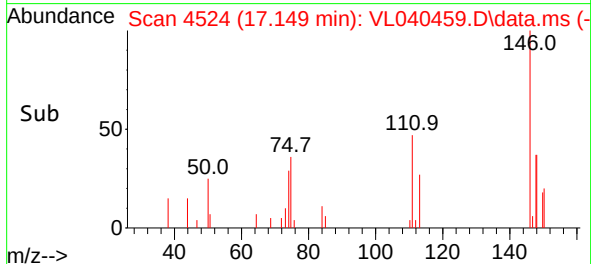
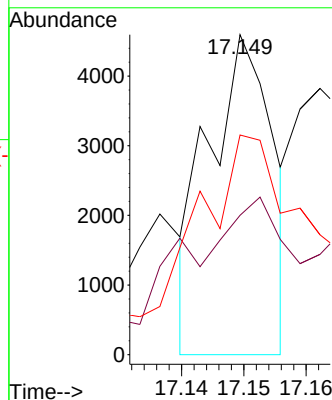
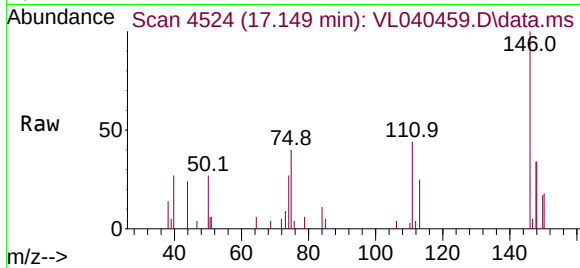




#77
1,2-Dichlorobenzene
Concen: 0.022 ppbv
RT: 17.149 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

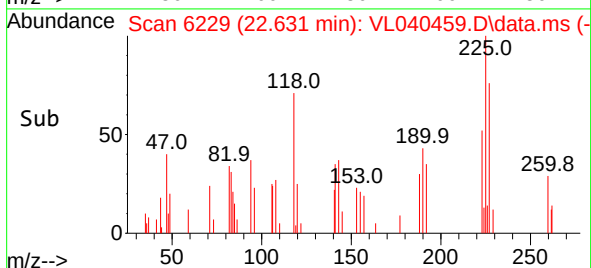
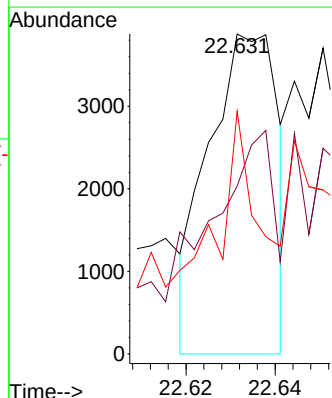
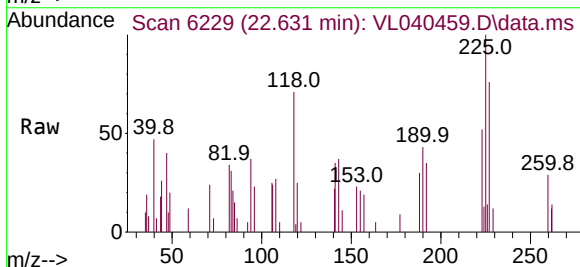
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

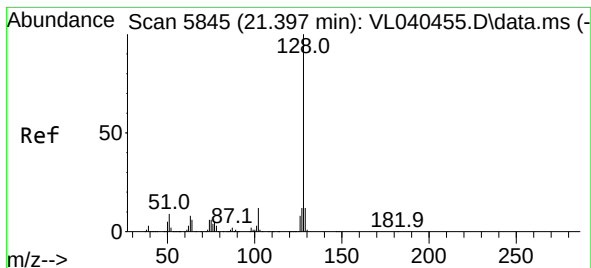
Tgt Ion:146 Resp: 3314
Ion Ratio Lower Upper
146 100
111 156.9 25.1 75.3#
148 204.9 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.037 ppbv
RT: 22.631 min Scan# 6229
Delta R.T. -0.013 min
Lab File: VL040459.D
Acq: 5 Jun 2023 16:44

Tgt Ion:225 Resp: 4181
Ion Ratio Lower Upper
225 100
223 0.0 50.0 75.0#
227 174.9 50.9 76.3#





#79

Naphthalene

Concen: 0.005 ppbv

RT: 21.384 min Scan# 5845

Delta R.T. -0.013 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

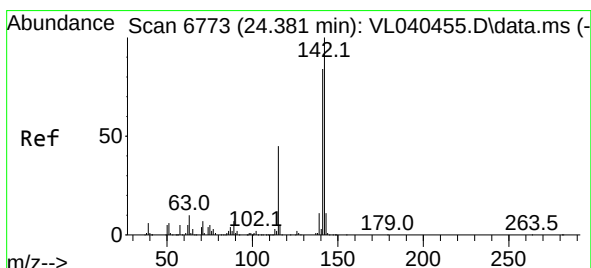
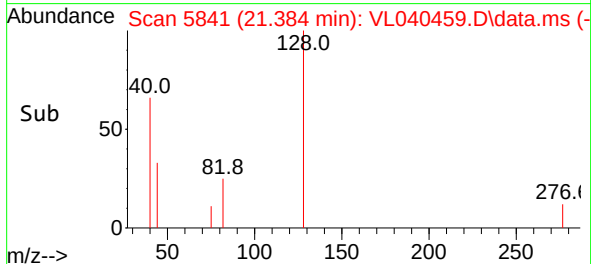
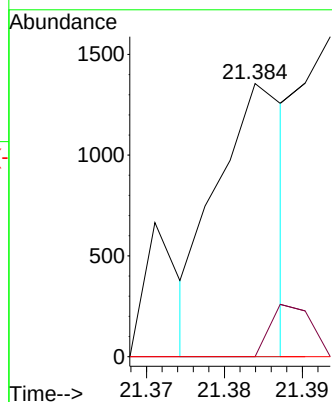
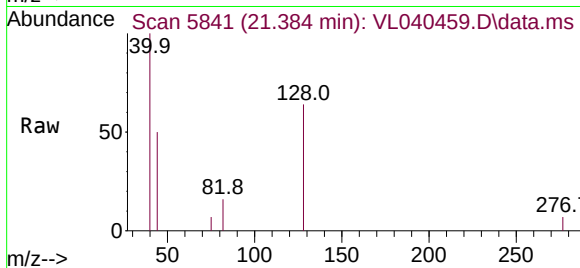
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion:	128	Resp:	836
Ion Ratio	Lower	Upper	
128	100		
127	0.0	9.9	14.9#
129	0.0	9.2	13.8#



#80

Naphthalene,2-methyl-

Concen: 0.003 ppbv

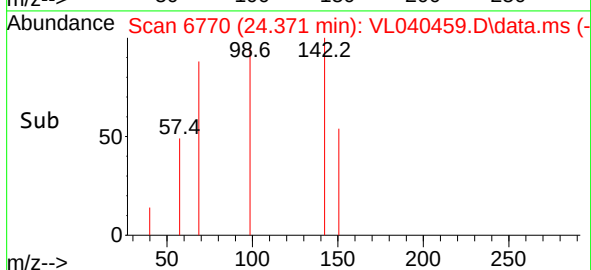
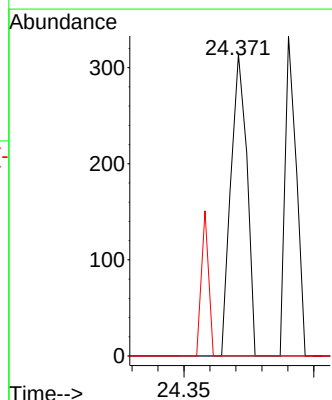
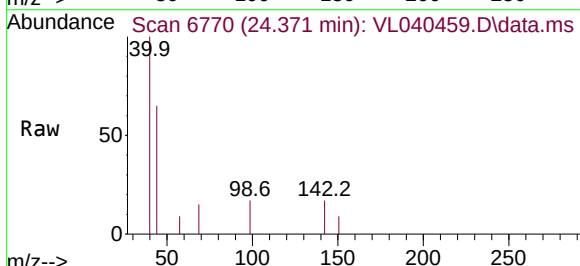
RT: 24.371 min Scan# 6770

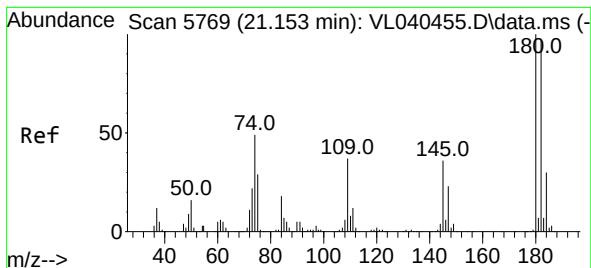
Delta R.T. -0.010 min

Lab File: VL040459.D

Acq: 5 Jun 2023 16:44

Tgt Ion:	142	Resp:	134
Ion Ratio	Lower	Upper	
142	100		
141	0.0	65.4	98.0#
115	21.6	36.6	55.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.008 ppbv

RT: 21.136 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040459.D

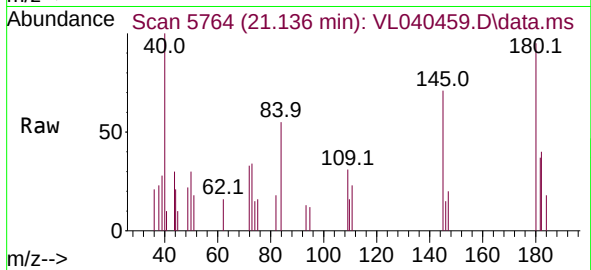
Acq: 5 Jun 2023 16:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 887

Ion Ratio Lower Upper

180 100

182 0.0 77.2 115.8#

184 71.4 24.4 36.6#

