

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040024.D
 Acq On : 19 Dec 2022 12:06
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Dec 20 04:23:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:20:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	998638	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2871898	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2482394	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.761	95	1941869	10.241	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.713	85	23380	0.125	ppbv	98
3) Chlorodifluoromethane	2.655	51	15353	0.104	ppbv	99
4) Chloromethane	2.790	50	3967	0.043	ppbv #	85
5) Vinyl Chloride	2.903	62	7411	0.099	ppbv	90
6) Bromomethane	3.102	94	846	0.031	ppbv #	49
7) Chloroethane	3.182	64	2466	0.088	ppbv #	74
8) Dichlorotetrafluoroethane	2.838	85	18743	0.095	ppbv	98
9) Propene	2.681	41	8172	0.131	ppbv	100
10) Heptane	7.565	43	11925	0.078	ppbv	90
11) Trichlorofluoromethane	3.604	101	189	0.001	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.044	101	7468	0.049	ppbv #	17
13) Ethanol	3.240	45	526	0.100	ppbv #	40
14) Bromoethene	3.343	108	4510	0.078	ppbv #	70
15) Acetone	3.472	43	24082	0.156	ppbv #	76
16) 1,3-Butadiene	2.964	39	5441	0.081	ppbv #	71
17) tert-Butyl alcohol	3.890	59	9865	0.065	ppbv #	72
18) 1,1-Dichloroethene	3.858	96	5415	0.081	ppbv #	85
19) Isopropyl Alcohol	3.559	45	160	0.002	ppbv #	94
20) Methylene Chloride	3.915	84	14885	0.227	ppbv #	83
21) Allyl Chloride	3.977	41	5179	0.056	ppbv #	21
22) trans-1,2-Dichloroethene	4.423	96	2965	0.044	ppbv #	79
23) Vinyl Acetate	4.604	43	2056	0.042	ppbv #	30
24) 1,1-Dichloroethane	4.549	63	9860	0.069	ppbv #	87
25) Ethyl Acetate	5.198	43	26127	0.098	ppbv	97
26) Hexane	5.198	57	6737	0.060	ppbv #	2
27) Carbon Disulfide	4.102	76	4395	0.031	ppbv #	1
28) Methyl tert-Butyl Ether	4.584	73	4411	0.033	ppbv #	52
29) Chloroform	5.256	83	10532	0.061	ppbv	88
30) Cyclohexane	6.587	84	3083	0.031	ppbv #	1
31) cis-1,2-Dichloroethene	5.063	61	7675	0.072	ppbv #	63
32) 1,1,1-Trichloroethane	5.989	97	8392	0.046	ppbv #	22
34) 2-Butanone	4.745	43	287	0.002	ppbv #	53
35) Carbon Tetrachloride	6.475	117	10953	0.061	ppbv #	93
36) Benzene	6.343	78	7876	0.031	ppbv	95
37) 1,2-Dichloroethane	5.793	62	5183	0.034	ppbv #	82
38) Trichloroethene	7.269	130	7757	0.059	ppbv #	78
39) 1,2-Dichloropropane	6.632	63	709132	7.376	ppbv #	23
40) 1,4-Dioxane	7.298	88	134	0.003	ppbv #	1
41) Tetrahydrofuran	5.558	42	398	0.004	ppbv #	35
42) Bromodichloromethane	7.230	83	8720	0.042	ppbv #	99
43) Methyl Methacrylate	7.472	69	5388	0.056	ppbv #	56
44) 2,2,4-Trimethylpentane	7.308	57	20463	0.048	ppbv #	47
45) t-1,3-Dichloropropene	8.693	75	2160	0.027	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040024.D
 Acq On : 19 Dec 2022 12:06
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Dec 20 04:23:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:20:10 2022
 Response via : Initial Calibration

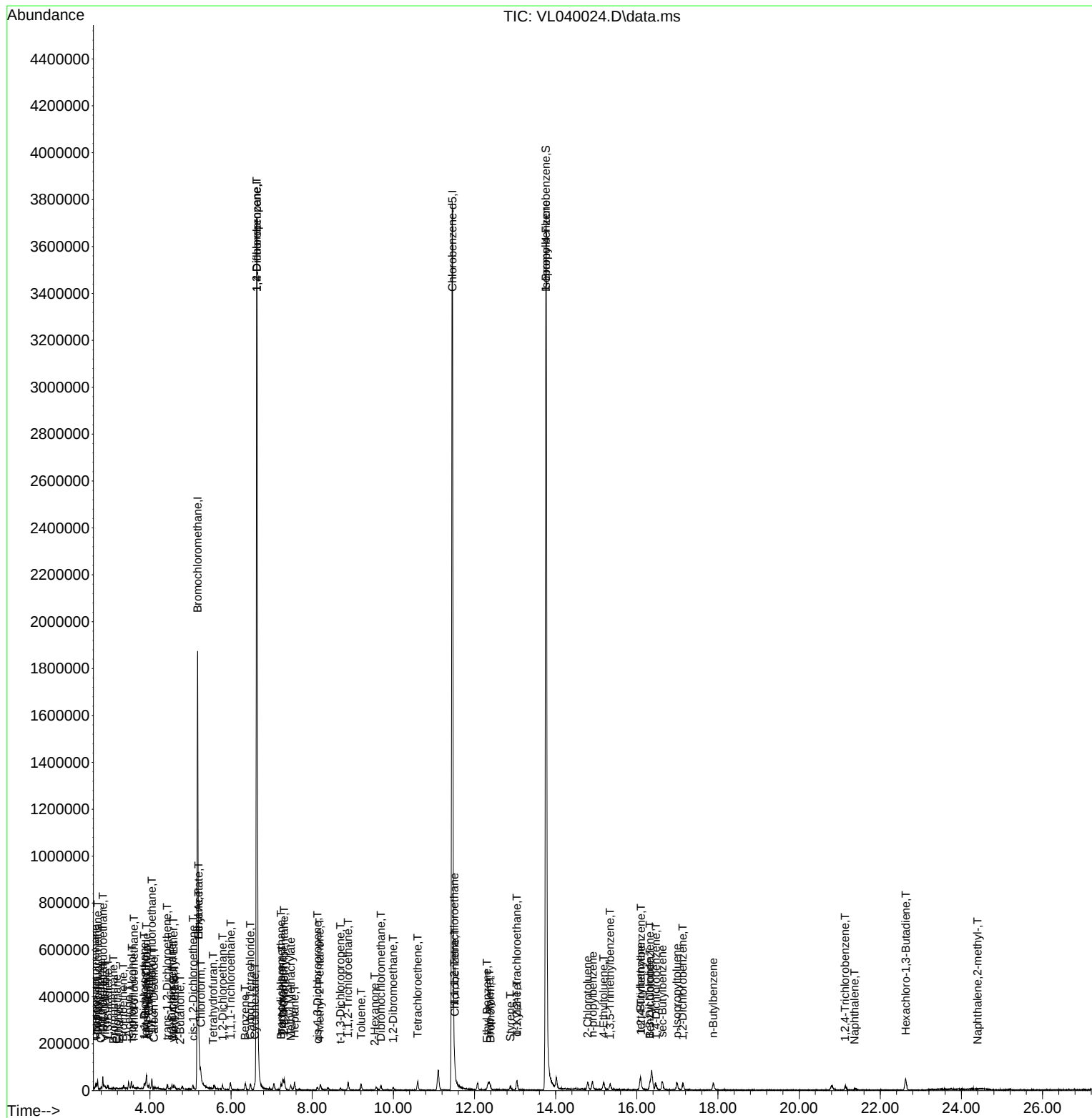
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.127	75	3182	0.028	ppbv	#	58
47) 1,1,2-Trichloroethane	8.883	97	7050	0.067	ppbv	#	76
48) Dibromochloromethane	9.693	129	5002	0.031	ppbv	#	10
49) Bromoform	12.397	173	932	0.008	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.185	43	3935	0.015	ppbv	#	39
51) 2-Hexanone	9.539	43	130	0.001	ppbv	#	28
52) Tetrachloroethene	10.597	164	4871	0.055	ppbv	#	39
53) Toluene	9.205	91	13984	0.049	ppbv	#	68
54) 1,2-Dibromoethane	9.996	107	8346	0.074	ppbv	#	79
56) 1,1,1,2-Tetrachloroethane	11.504	131	2651	0.023	ppbv	#	1
57) Chlorobenzene	11.513	112	13194	0.063	ppbv	#	76
58) Ethyl Benzene	12.307	91	2743	0.008	ppbv		99
59) m/p-Xylene	12.365	91	8021	0.026	ppbv	#	1
60) o-Xylene	13.044	91	12721	0.043	ppbv		75
61) Styrene	12.886	104	3854	0.025	ppbv	#	1
62) Isopropylbenzene	13.761	105	1103	0.003	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.040	83	5077	0.047	ppbv	#	1
64) n-propylbenzene	14.915	120	1407	0.013	ppbv	#	1
65) tert-Butylbenzene	16.089	119	4636	0.013	ppbv	#	1
66) Benzyl Chloride	16.317	91	190	0.010	ppbv	#	69
67) sec-Butylbenzene	16.632	105	4199	0.008	ppbv	#	60
69) p-Isopropyltoluene	16.992	119	4432	0.011	ppbv	#	1
70) n-Butylbenzene	17.883	91	13110	0.030	ppbv	#	34
71) 2-Chlorotoluene	14.790	91	12244	0.038	ppbv	#	38
72) 4-Ethyltoluene	15.179	105	18834	0.058	ppbv	#	83
73) 1,3,5-Trimethylbenzene	15.339	105	7805	0.026	ppbv	#	73
74) 1,2,4-Trimethylbenzene	16.101	105	8116	0.025	ppbv	#	83
75) 1,3-Dichlorobenzene	16.320	146	3680	0.021	ppbv	#	1
76) 1,4-Dichlorobenzene	16.471	146	5592	0.032	ppbv	#	1
77) 1,2-Dichlorobenzene	17.130	146	6996	0.041	ppbv	#	13
78) Hexachloro-1,3-Butadiene	22.628	225	1426	0.012	ppbv	#	100
79) Naphthalene	21.368	128	1263	0.007	ppbv	#	31
80) Naphthalene,2-methyl-	24.397	142	946	0.017	ppbv	#	38
81) 1,2,4-Trichlorobenzene	21.133	180	812	0.007	ppbv	#	12

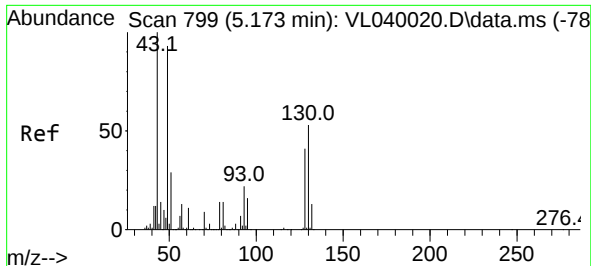
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040024.D
 Acq On : 19 Dec 2022 12:06
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Dec 20 04:23:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:20:10 2022
 Response via : Initial Calibration

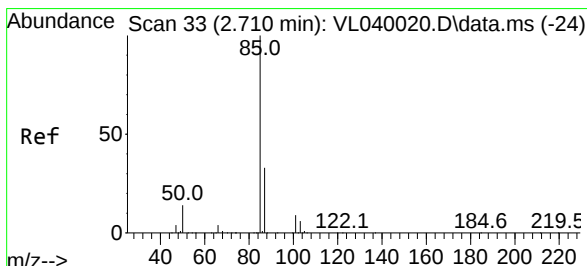
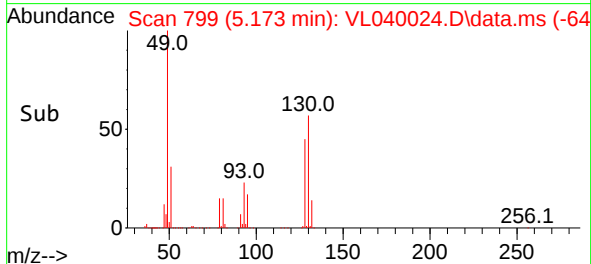
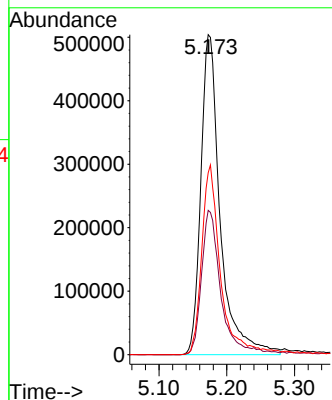
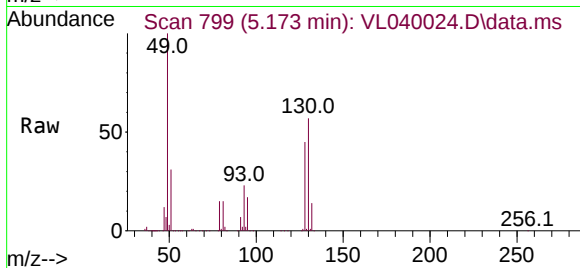




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.173 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

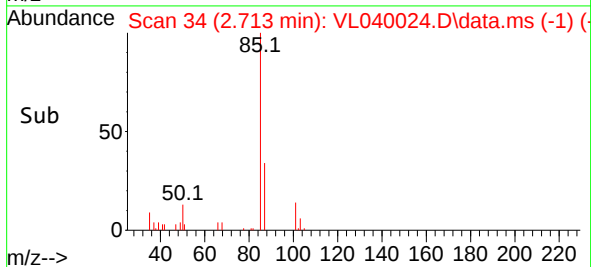
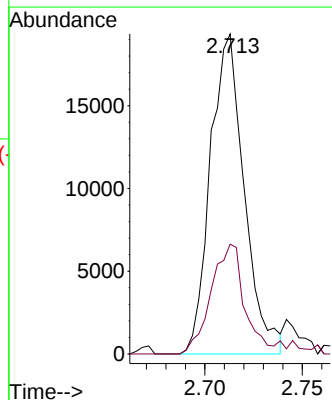
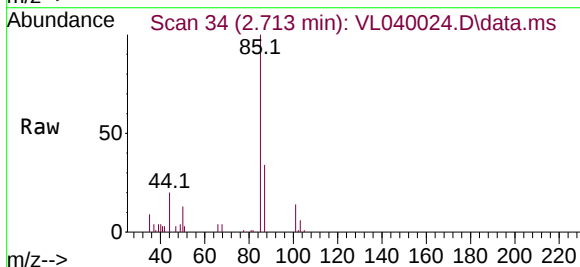
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

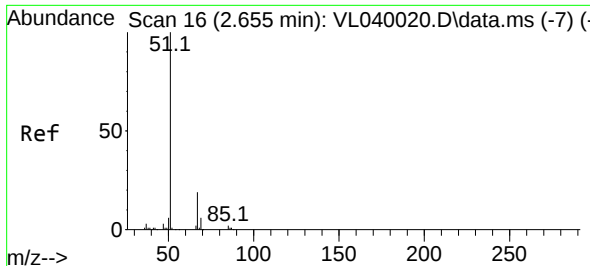
Tgt Ion: 49 Resp: 998638
 Ion Ratio Lower Upper
 49 100
 128 47.0 22.4 67.3
 130 59.4 28.9 86.8



#2
 Dichlorodifluoromethane
 Concen: 0.125 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion: 85 Resp: 23380
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.6 40.0

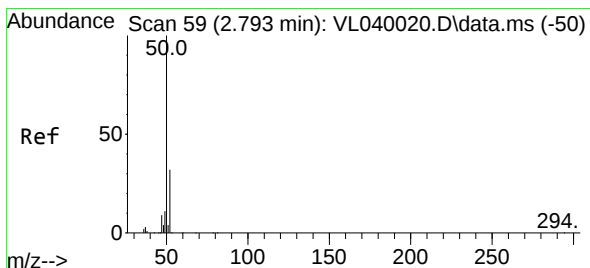
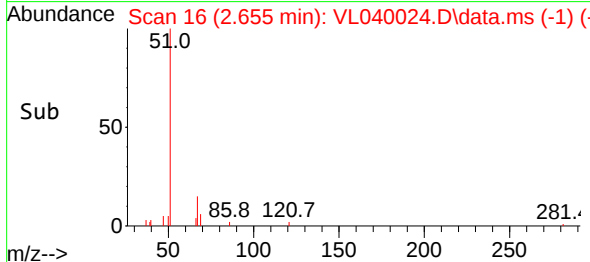
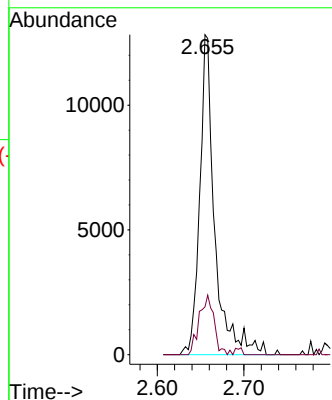
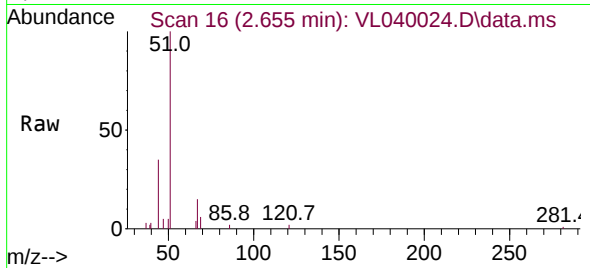




#3
Chlorodifluoromethane
Concen: 0.104 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

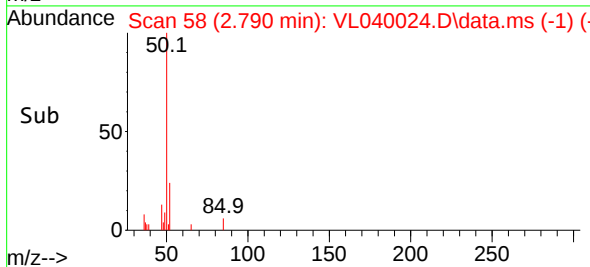
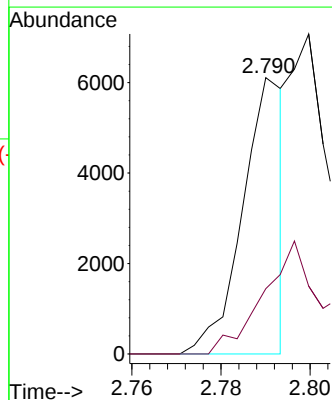
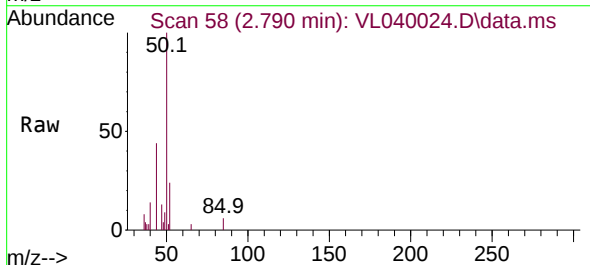
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

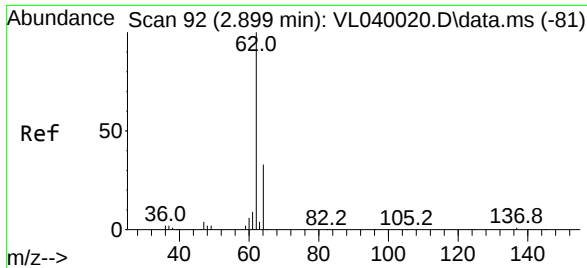
Tgt Ion: 51 Resp: 15353
Ion Ratio Lower Upper
51 100
67 19.4 15.3 22.9



#4
Chloromethane
Concen: 0.043 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 50 Resp: 3967
Ion Ratio Lower Upper
50 100
52 23.6 25.5 38.3#

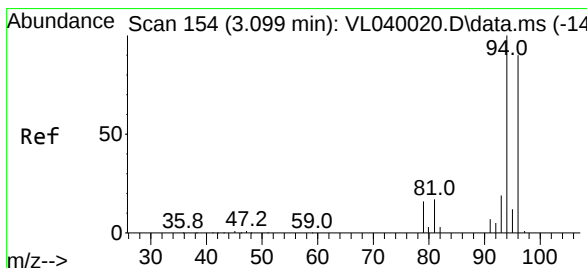
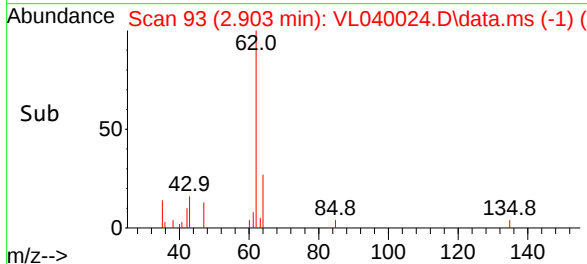
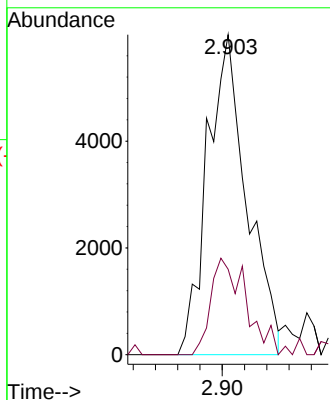
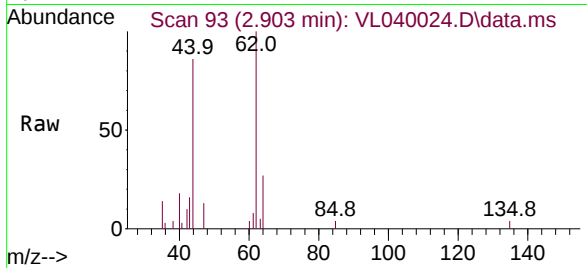




#5
 Vinyl Chloride
 Concen: 0.099 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

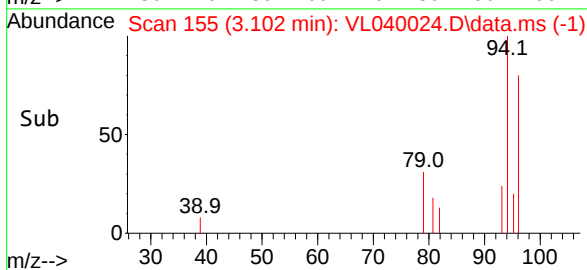
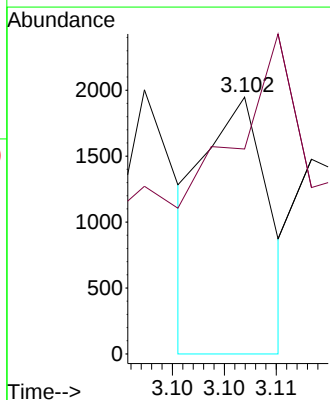
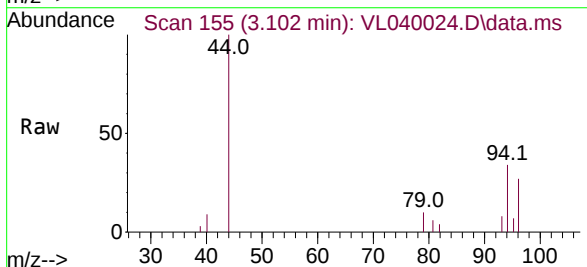
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

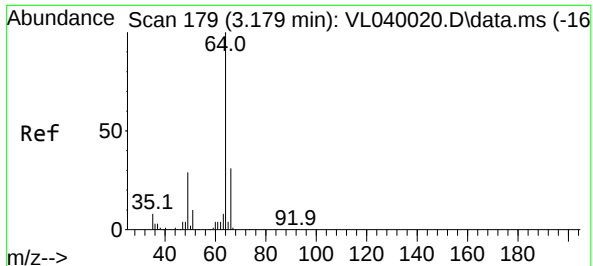
Tgt Ion: 62 Resp: 7411
 Ion Ratio Lower Upper
 62 100
 64 26.7 26.1 39.1



#6
 Bromomethane
 Concen: 0.031 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion: 94 Resp: 846
 Ion Ratio Lower Upper
 94 100
 96 41.7 72.0 108.0#

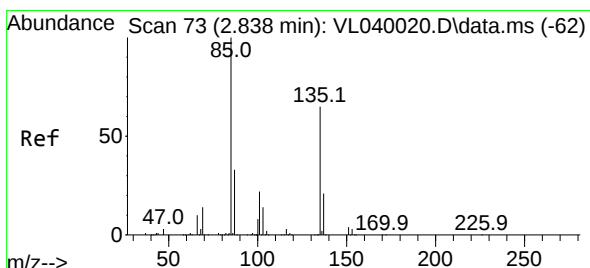
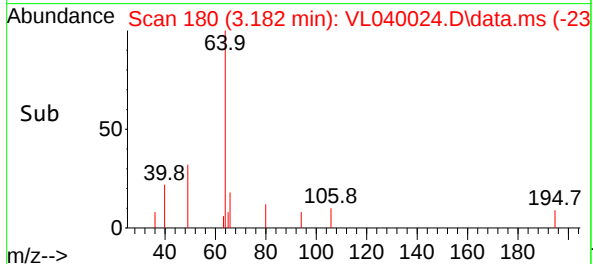
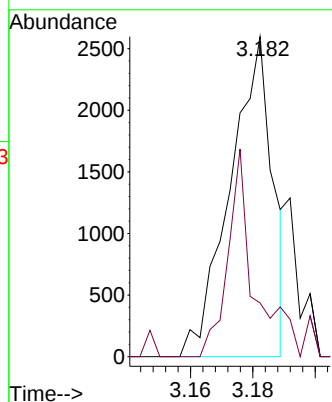
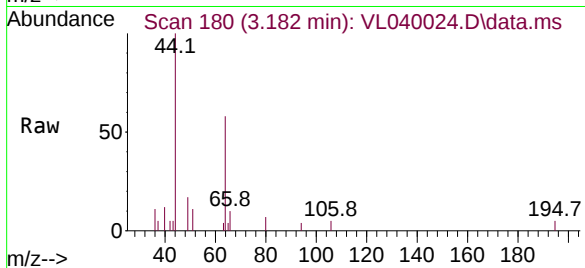




#7
Chloroethane
Concen: 0.088 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

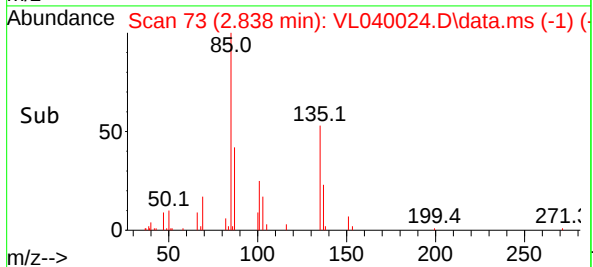
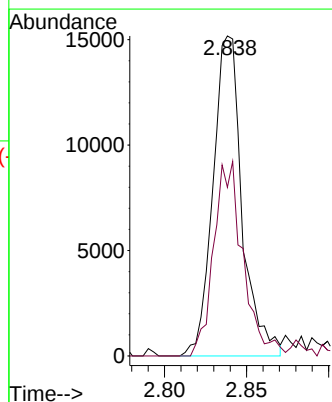
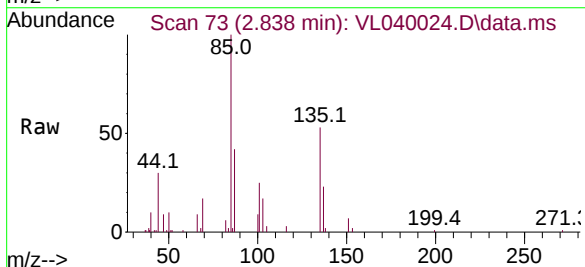
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

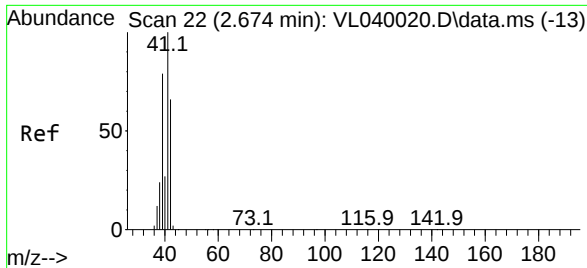
Tgt Ion: 64 Resp: 2466
Ion Ratio Lower Upper
64 100
66 16.8 24.6 37.0#



#8
Dichlorotetrafluoroethane
Concen: 0.095 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 85 Resp: 18743
Ion Ratio Lower Upper
85 100
135 64.5 53.2 79.8





#9

Propene

Concen: 0.131 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.006 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

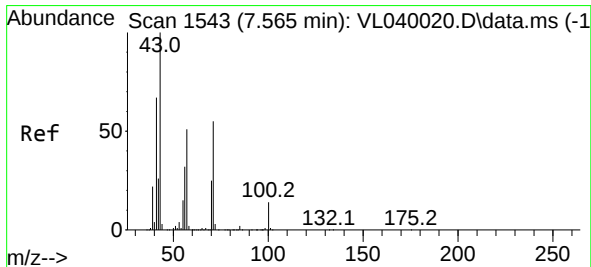
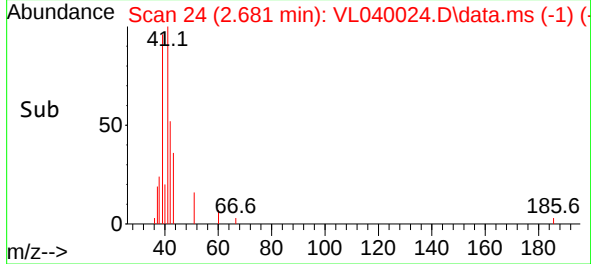
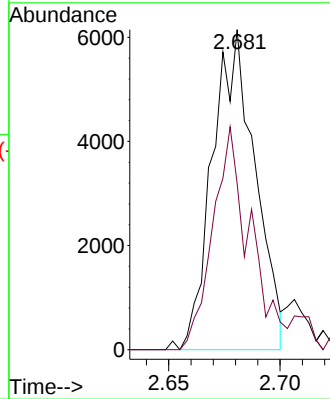
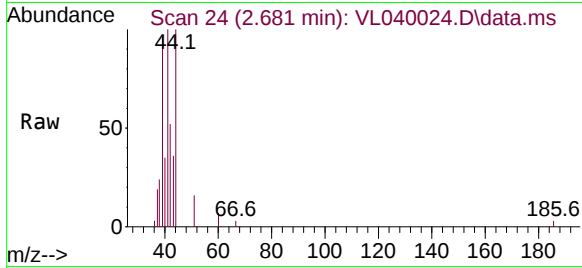
VSTDIC0.1

Tgt Ion: 41 Resp: 8172

Ion Ratio Lower Upper

41 100

42 68.6 54.8 82.2



#10

Heptane

Concen: 0.078 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.000 min

Lab File: VL040024.D

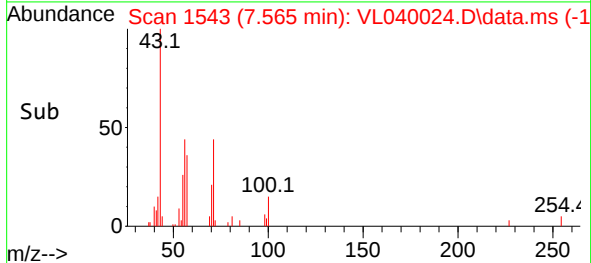
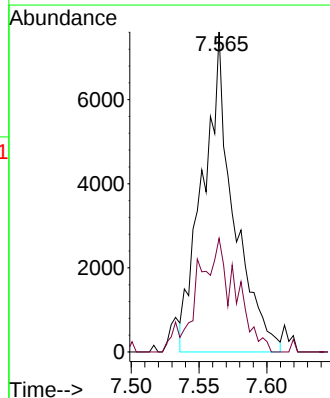
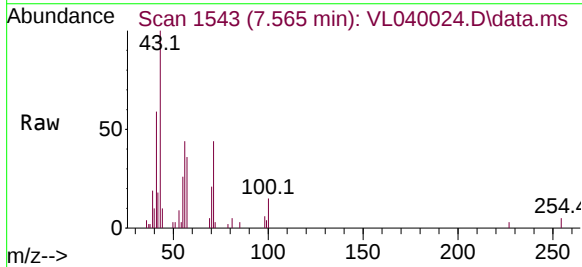
Acq: 19 Dec 2022 12:06

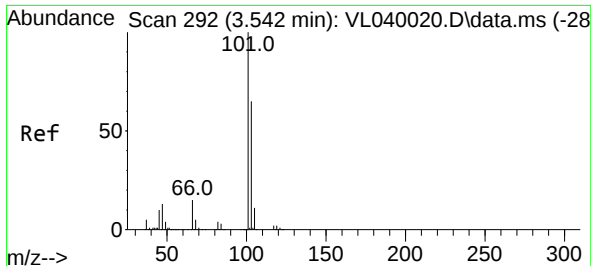
Tgt Ion: 43 Resp: 11925

Ion Ratio Lower Upper

43 100

57 44.3 41.2 61.8

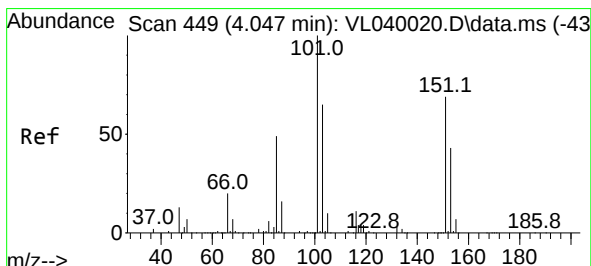
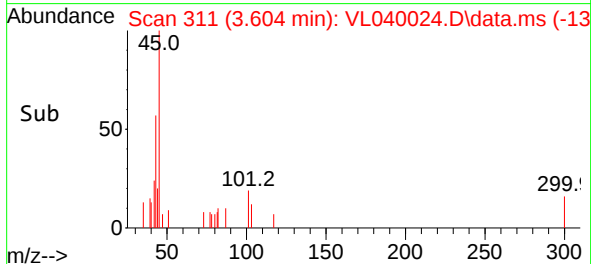
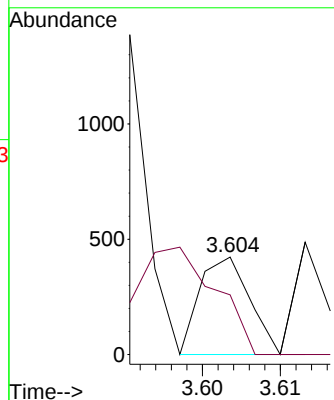
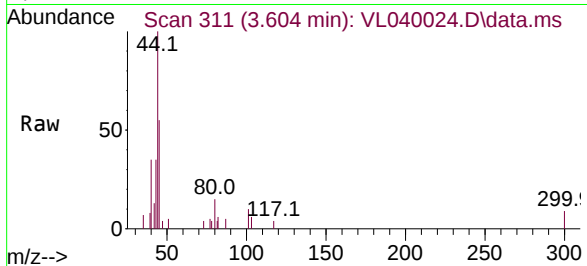




#11
 Trichlorofluoromethane
 Concen: 0.001 ppbv
 RT: 3.604 min Scan# 311
 Delta R.T. 0.061 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

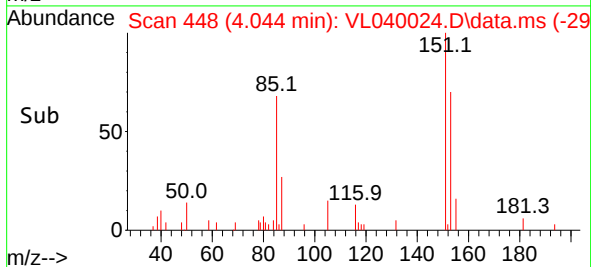
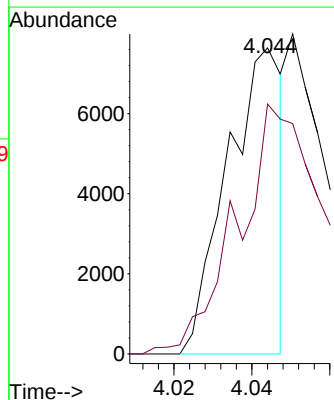
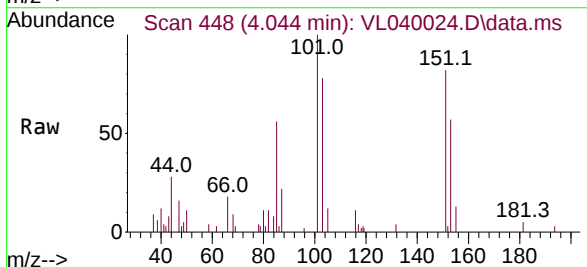
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

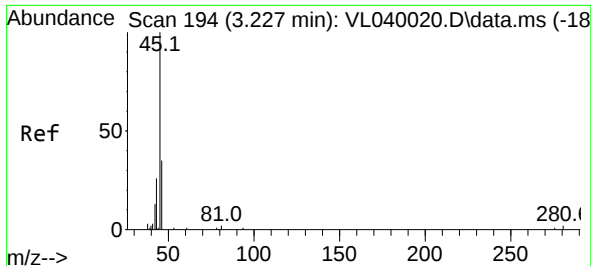
Tgt Ion:101 Resp: 189
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.049 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion:101 Resp: 7468
 Ion Ratio Lower Upper
 101 100
 151 136.4 55.0 82.4#

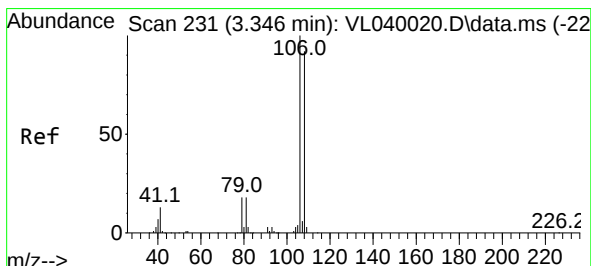
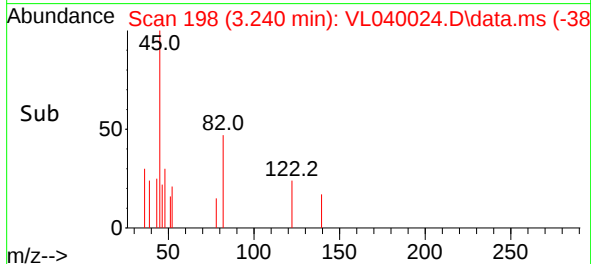
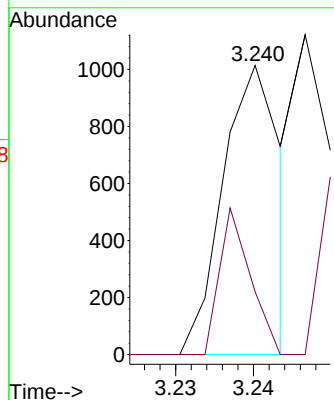
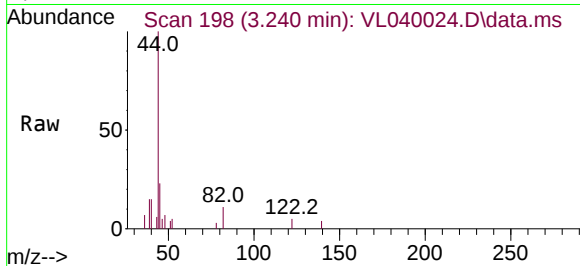




#13
Ethanol
Concen: 0.100 ppbv
RT: 3.240 min Scan# 194
Delta R.T. 0.013 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

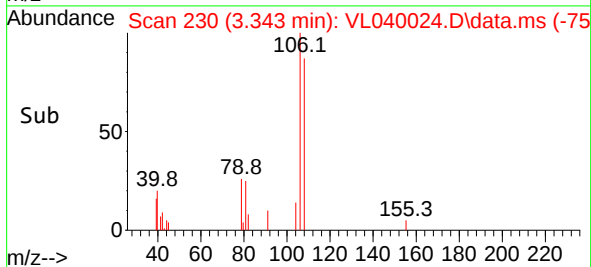
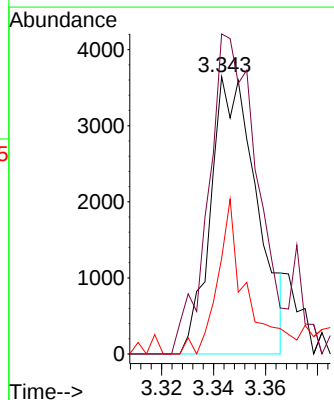
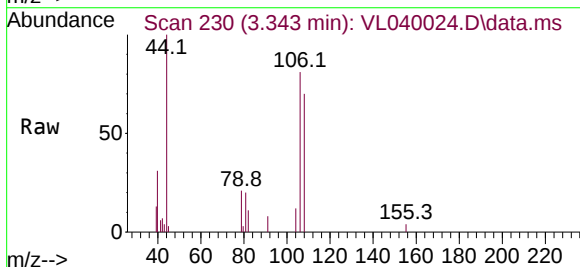
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

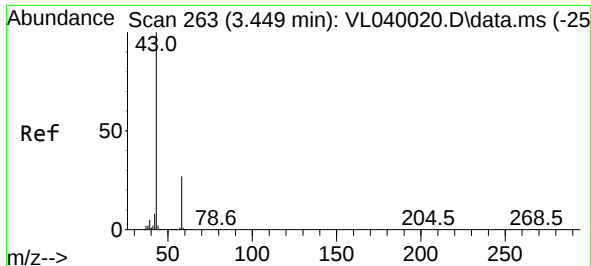
Tgt Ion: 45 Resp: 526
Ion Ratio Lower Upper
45 100
46 0.0 13.7 54.7#



#14
Bromoethene
Concen: 0.078 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 108 Resp: 4510
Ion Ratio Lower Upper
108 100
106 135.8 87.5 131.3#
79 46.6 15.8 23.8#

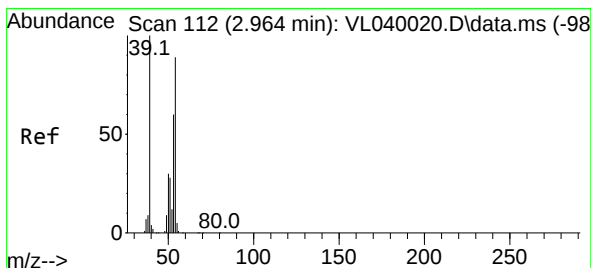
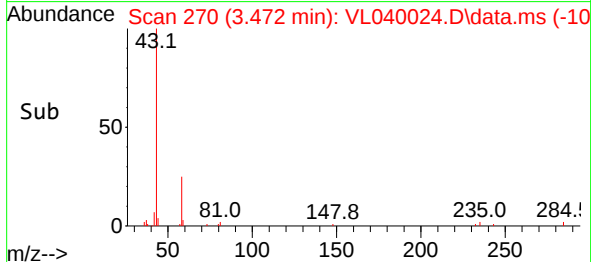
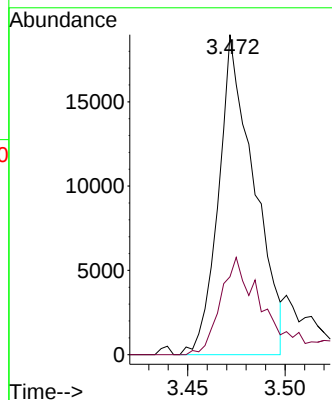
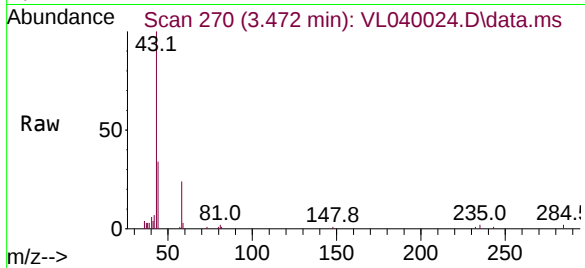




#15
Acetone
Concen: 0.156 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

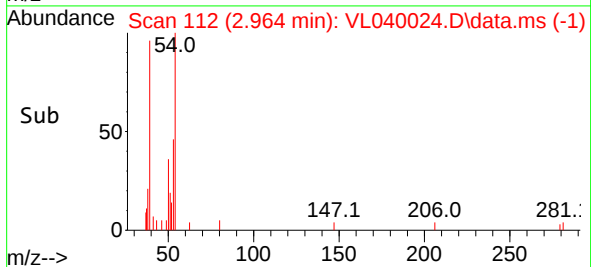
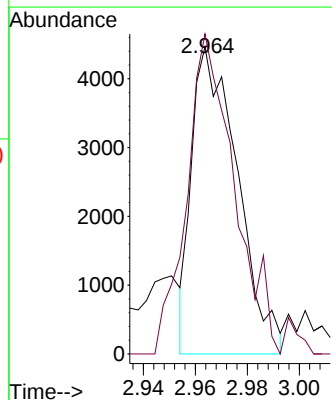
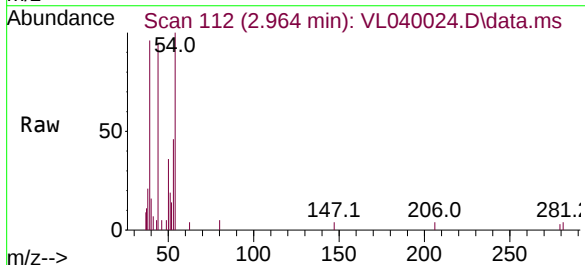
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

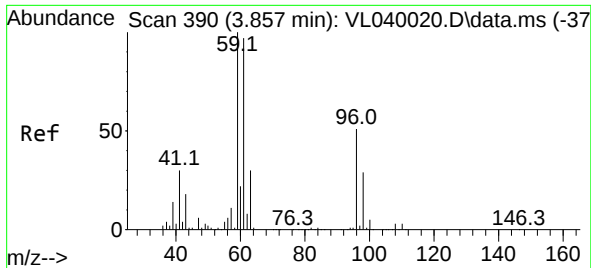
Tgt Ion: 43 Resp: 24082
Ion Ratio Lower Upper
43 100
58 39.7 21.8 32.8#



#16
1,3-Butadiene
Concen: 0.081 ppbv
RT: 2.964 min Scan# 112
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 39 Resp: 5441
Ion Ratio Lower Upper
39 100
54 112.3 68.3 102.5#





#17

tert-Butyl alcohol

Concen: 0.065 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.032 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

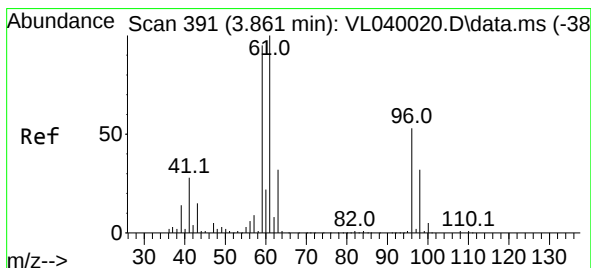
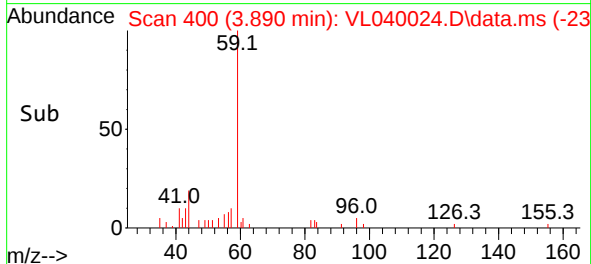
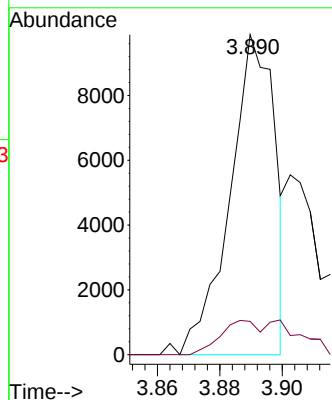
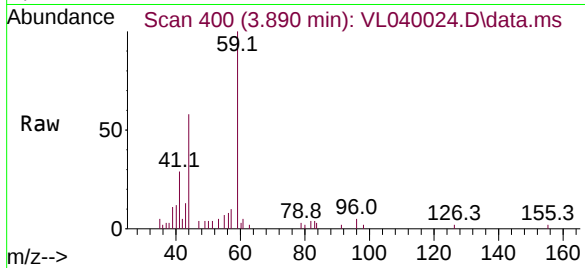
VSTDIC0.1

Tgt Ion: 59 Resp: 9865

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.081 ppbv

RT: 3.858 min Scan# 390

Delta R.T. -0.003 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

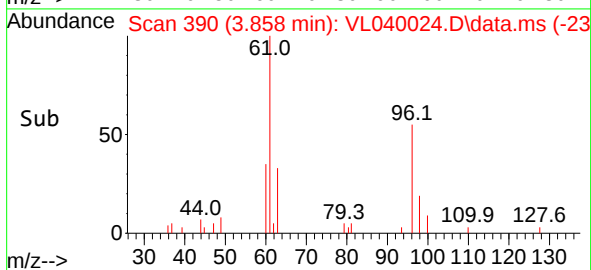
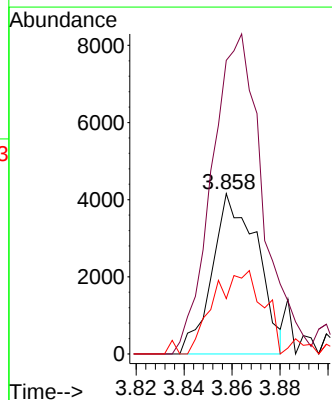
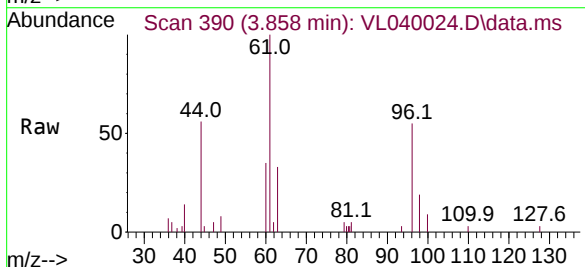
Tgt Ion: 96 Resp: 5415

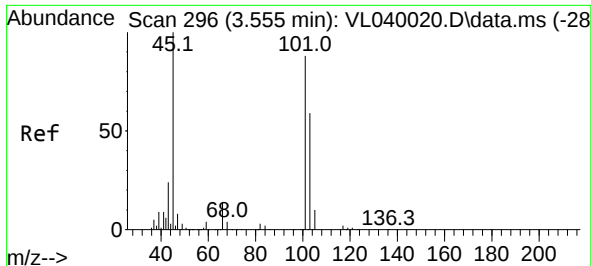
Ion Ratio Lower Upper

96 100

61 175.7 151.0 226.6

98 34.5 47.7 71.5#





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.559 min Scan# 296

Delta R.T. 0.003 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

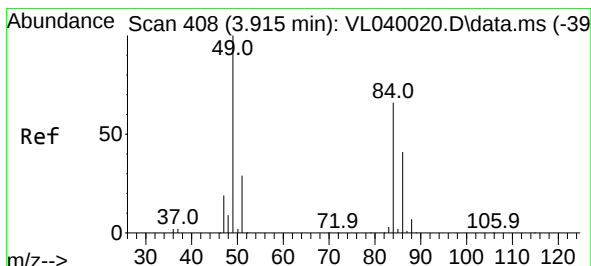
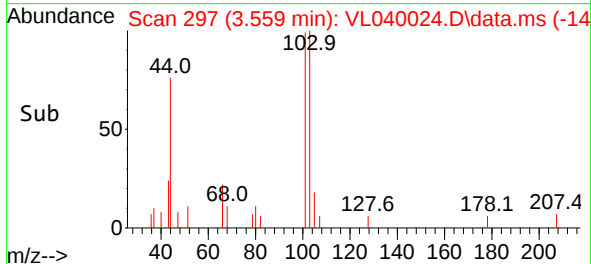
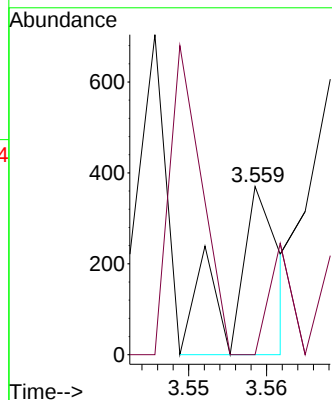
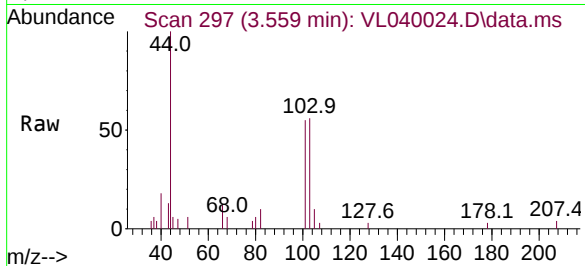
VSTDIC0.1

Tgt Ion: 45 Resp: 160

Ion Ratio Lower Upper

45 100

58 0.0 1.7 2.5#



#20

Methylene Chloride

Concen: 0.227 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.000 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Tgt Ion: 84 Resp: 14885

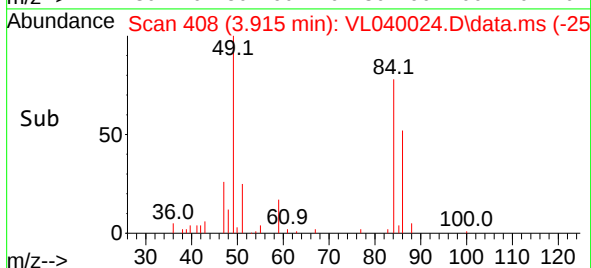
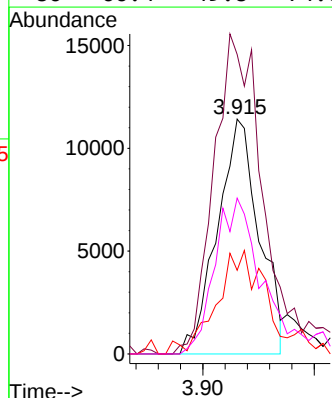
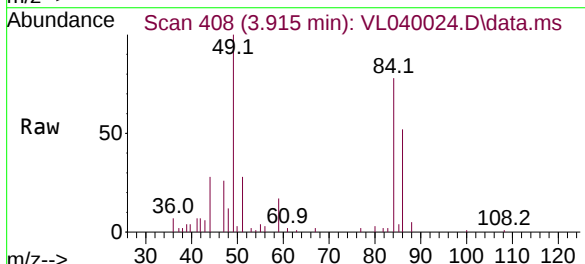
Ion Ratio Lower Upper

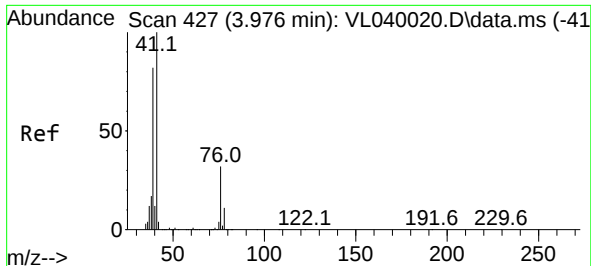
84 100

49 123.9 120.5 180.7

51 31.8 35.2 52.8#

86 66.4 49.8 74.6





#21

Allyl Chloride

Concen: 0.056 ppbv

RT: 3.977 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

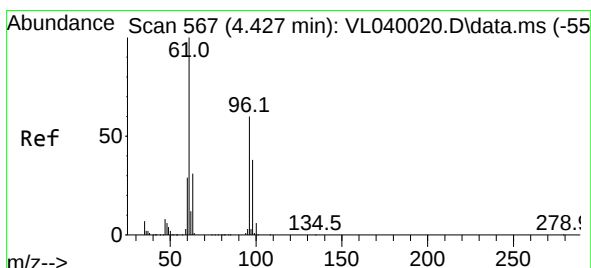
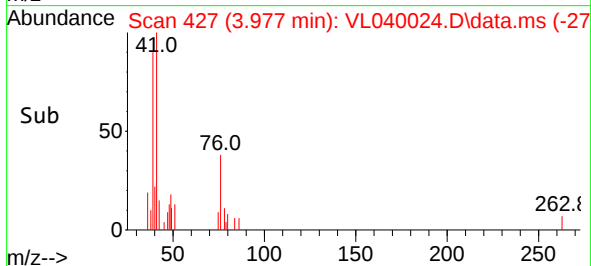
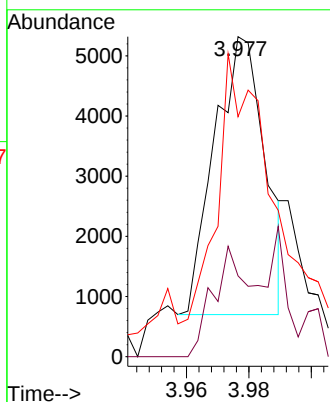
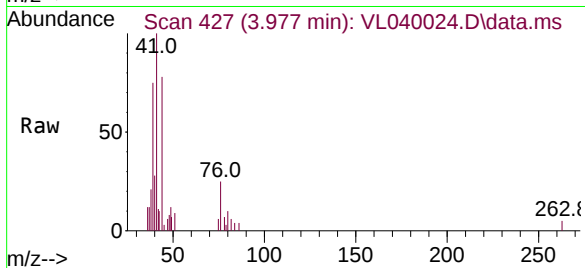
Tgt Ion: 41 Resp: 5179

Ion Ratio Lower Upper

41 100

76 53.6 25.9 38.9#

39 168.3 66.0 99.0#



#22

trans-1,2-Dichloroethene

Concen: 0.044 ppbv

RT: 4.423 min Scan# 566

Delta R.T. -0.003 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

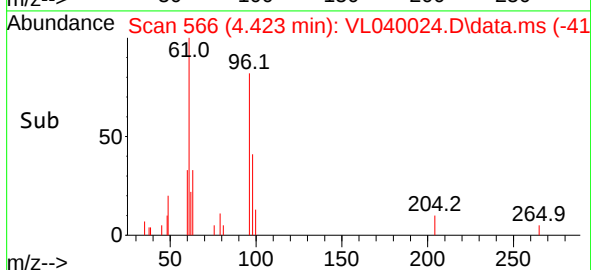
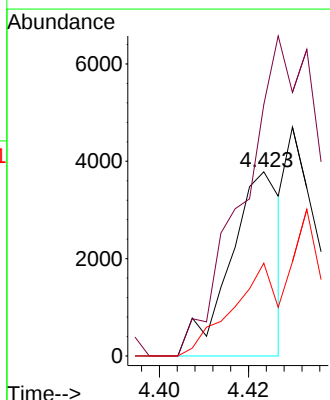
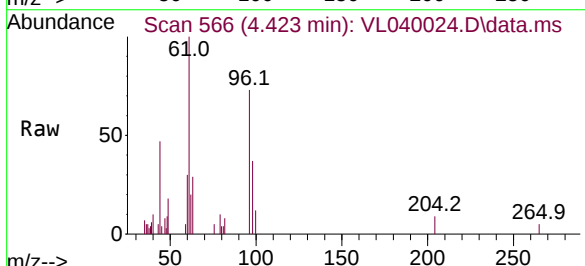
Tgt Ion: 96 Resp: 2965

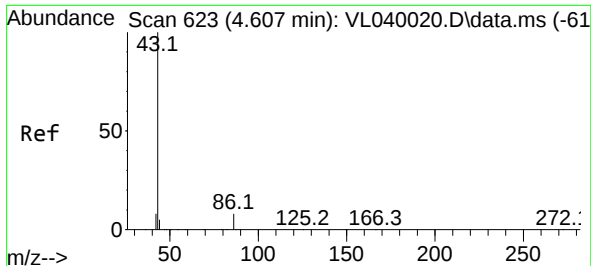
Ion Ratio Lower Upper

96 100

61 136.5 133.6 200.4

98 50.4 51.4 77.0#

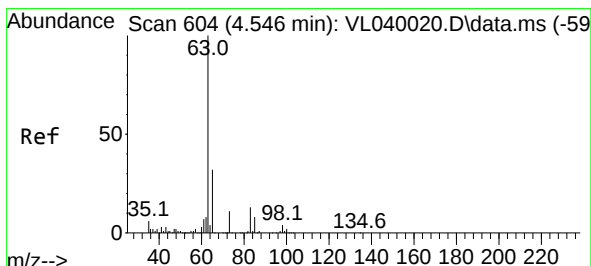
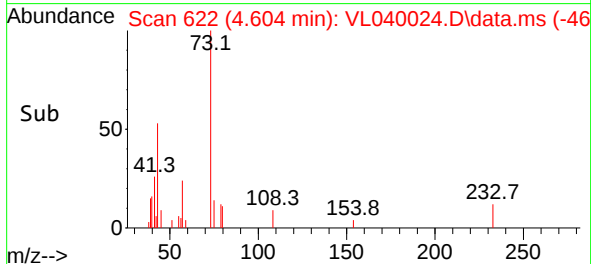
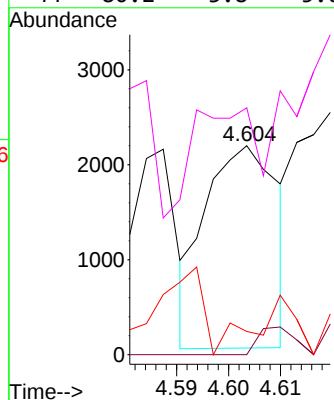
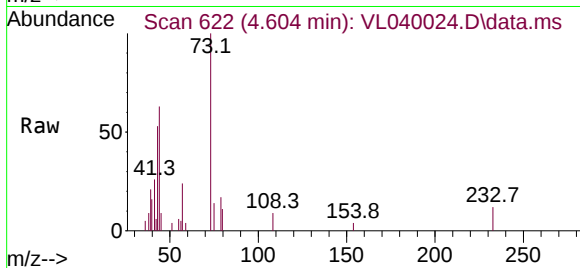




#23
 Vinyl Acetate
 Concen: 0.042 ppbv
 RT: 4.604 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

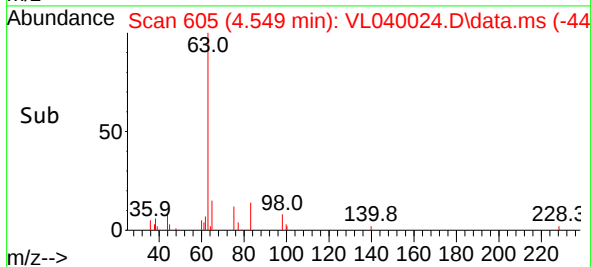
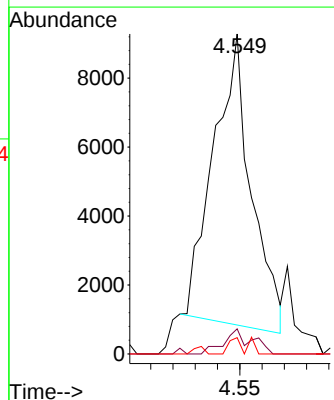
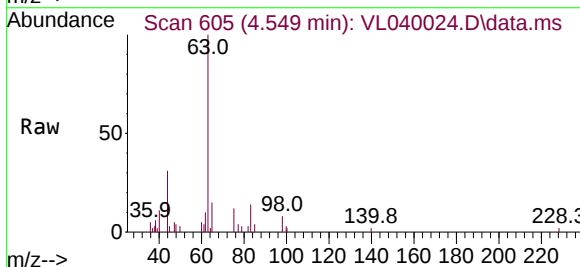
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

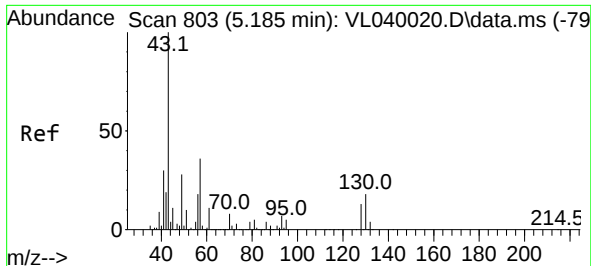
Tgt Ion: 43	Resp: 2056
Ion Ratio	Lower Upper
43 100	
86 0.0	5.3 7.9#
42 0.0	7.4 11.0#
44 80.2	3.8 5.6#



#24
 1,1-Dichloroethane
 Concen: 0.069 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion: 63	Resp:	9860
Ion Ratio	Lower	Upper
63 100		
98 9.0	2.1	6.2#
100 5.8	1.1	3.3#



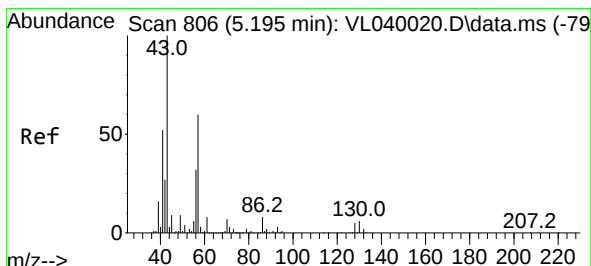
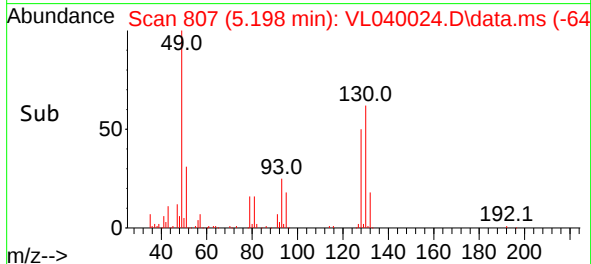
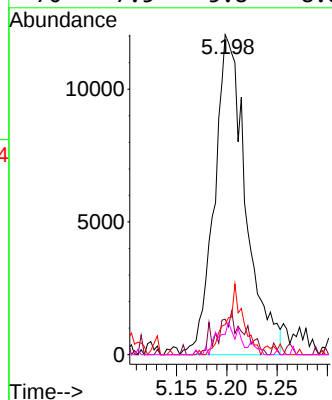
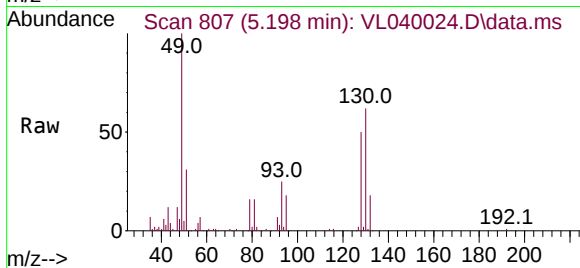


#25
Ethyl Acetate
Concen: 0.098 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.013 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 43 Resp: 26127

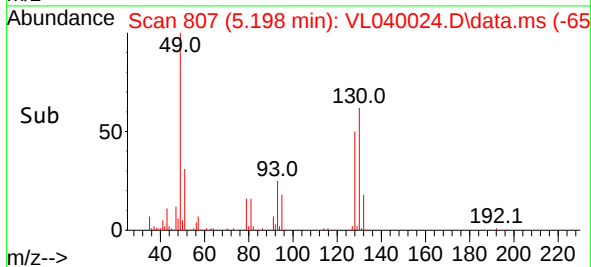
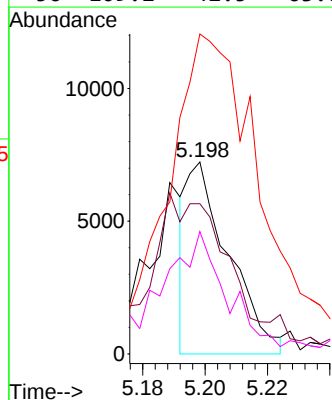
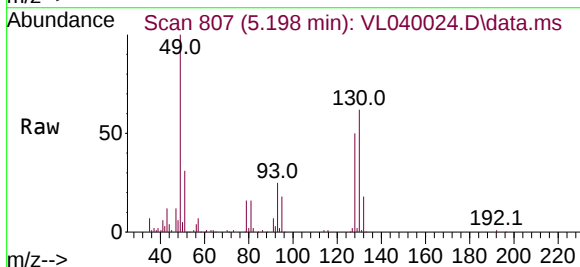
Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.6	12.8
61	12.5	8.5	12.7
70	7.5	5.8	8.8

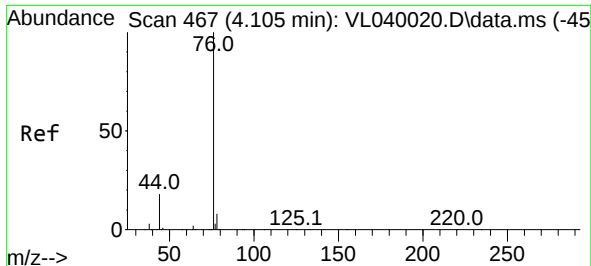


#26
Hexane
Concen: 0.060 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 57 Resp: 6737

Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.1	108.1#
43	416.7	192.1	288.1#
56	109.2	42.5	63.7#

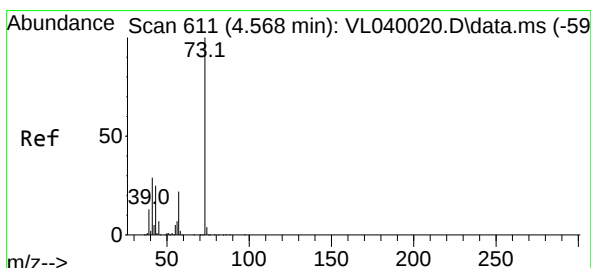
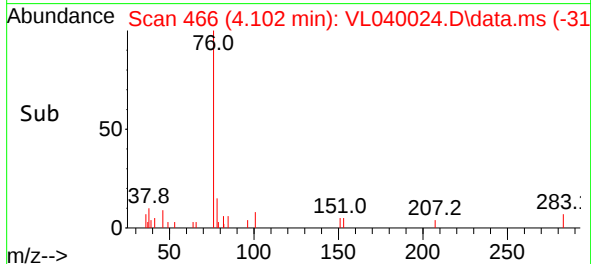
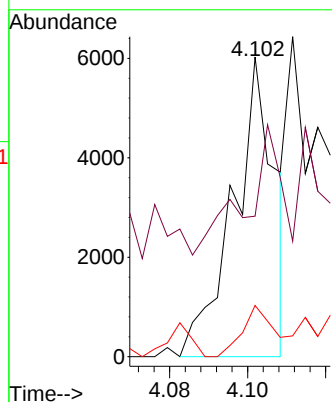
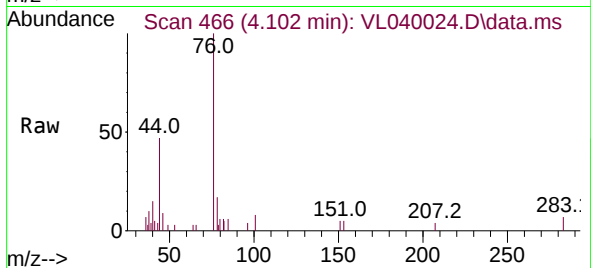




#27
Carbon Disulfide
Concen: 0.031 ppbv
RT: 4.102 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

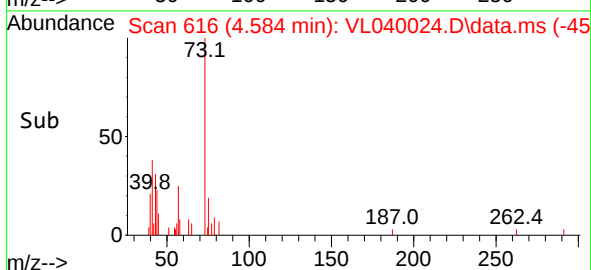
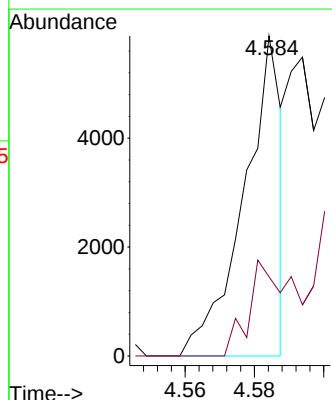
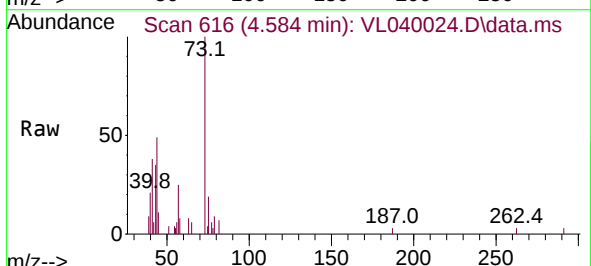
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

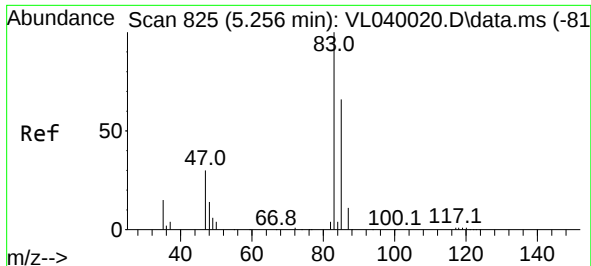
Tgt Ion: 76 Resp: 4395
Ion Ratio Lower Upper
76 100
44 130.4 15.3 22.9#
78 37.3 7.8 11.6#



#28
Methyl tert-Butyl Ether
Concen: 0.033 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.016 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 73 Resp: 4411
Ion Ratio Lower Upper
73 100
57 0.0 18.6 28.0#





#29

Chloroform

Concen: 0.061 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

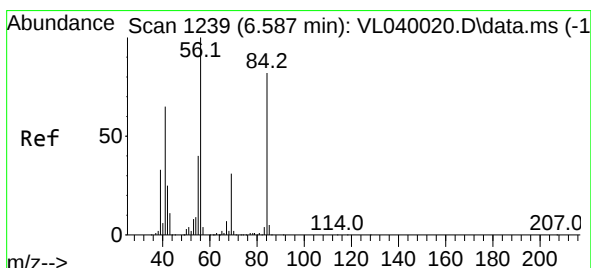
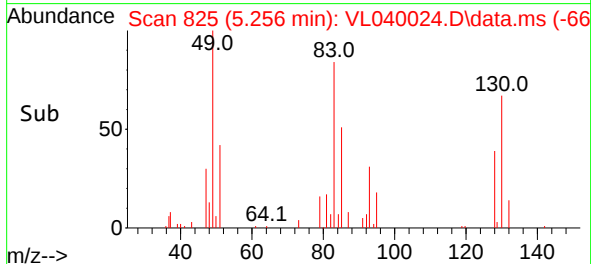
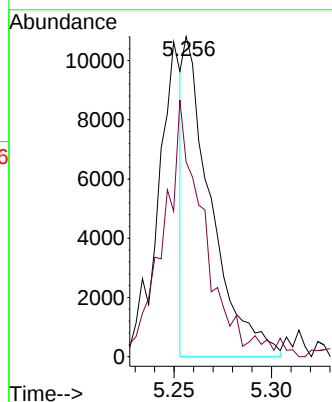
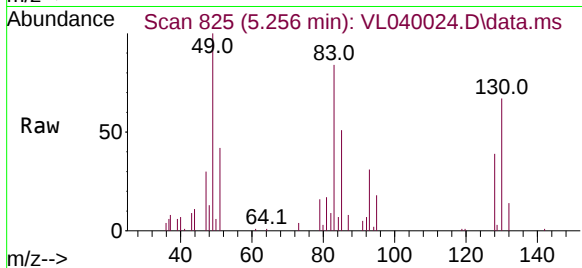
VSTDIC0.1

Tgt Ion: 83 Resp: 10532

Ion Ratio Lower Upper

83 100

85 56.1 52.4 78.6



#30

Cyclohexane

Concen: 0.031 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

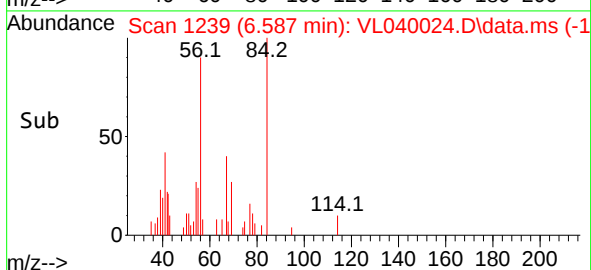
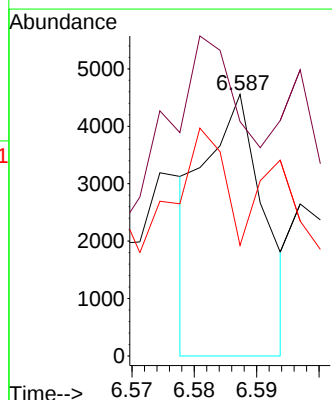
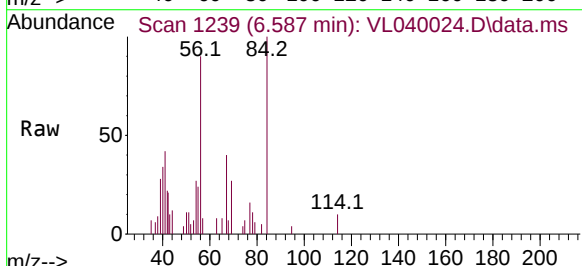
Tgt Ion: 84 Resp: 3083

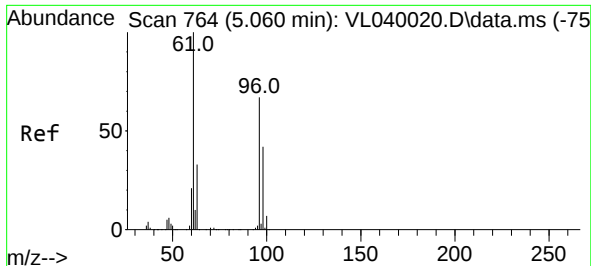
Ion Ratio Lower Upper

84 100

56 0.0 110.2 165.4#

41 260.4 67.8 101.8#

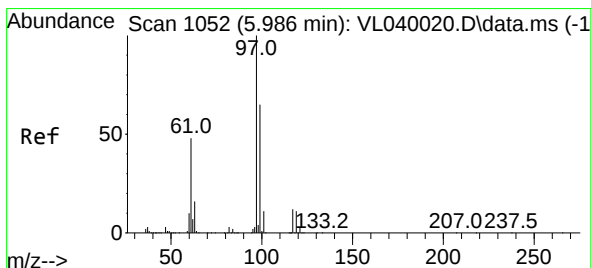
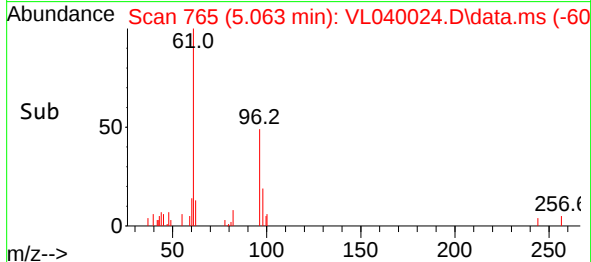
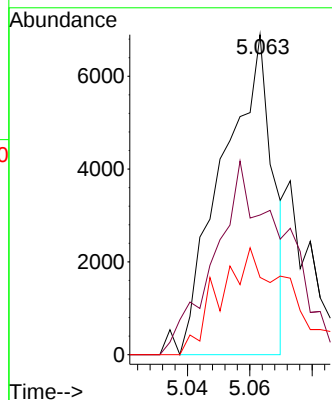
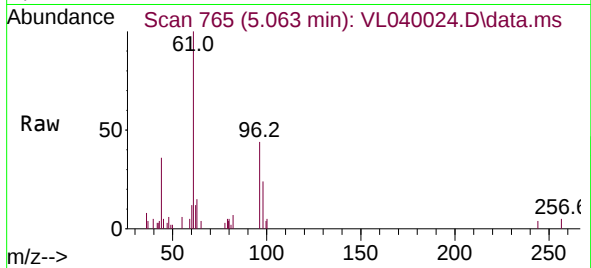




#31
 cis-1,2-Dichloroethene
 Concen: 0.072 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

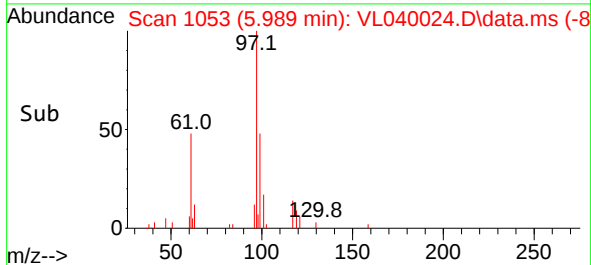
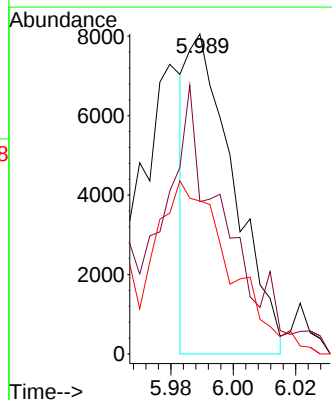
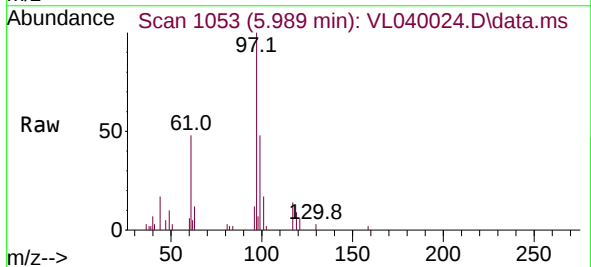
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

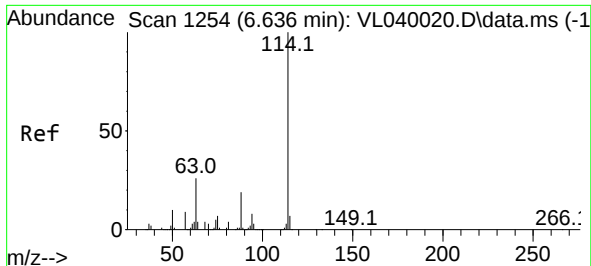
Tgt Ion: 61 Resp: 7675
 Ion Ratio Lower Upper
 61 100
 96 32.7 53.4 80.2#
 98 24.1 33.4 50.0#



#32
 1,1,1-Trichloroethane
 Concen: 0.046 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion: 97 Resp: 8392
 Ion Ratio Lower Upper
 97 100
 99 127.0 51.8 77.6#
 61 102.8 39.8 59.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

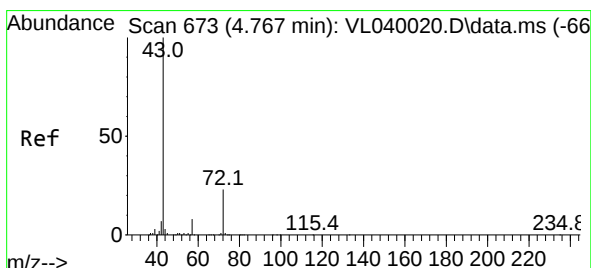
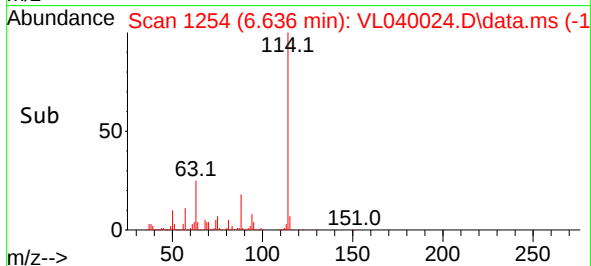
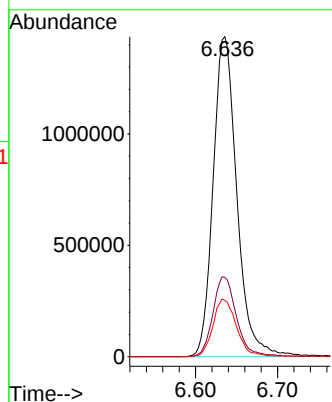
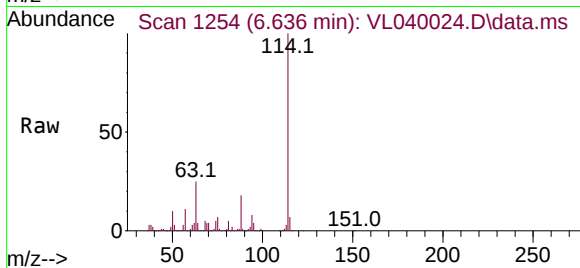
Tgt Ion:114 Resp: 2871898

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.2

88 18.2 14.6 21.8



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.745 min Scan# 666

Delta R.T. -0.022 min

Lab File: VL040024.D

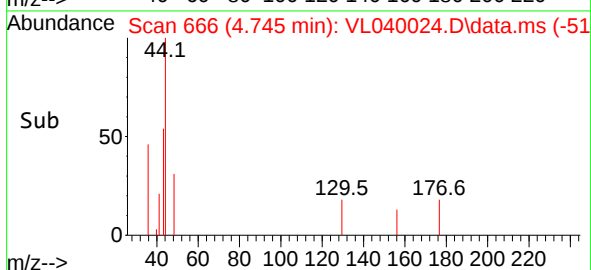
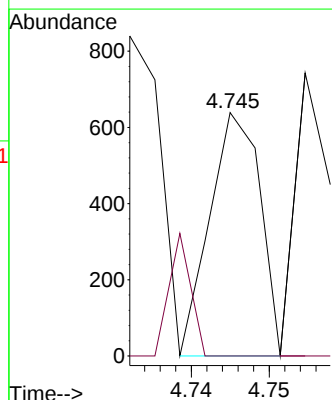
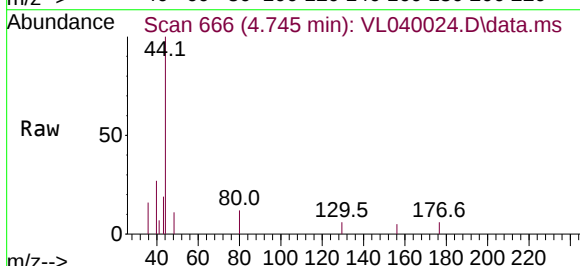
Acq: 19 Dec 2022 12:06

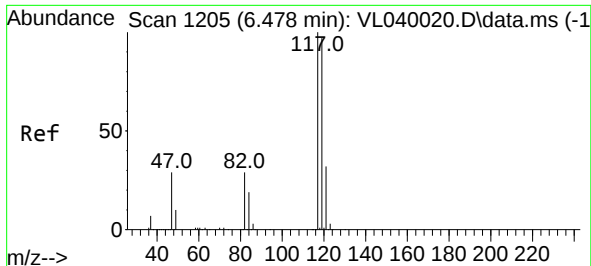
Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

43 100

72 0.0 18.0 27.0#

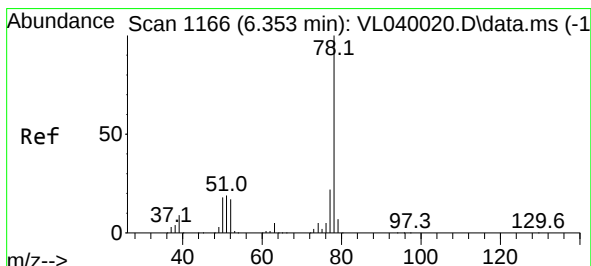
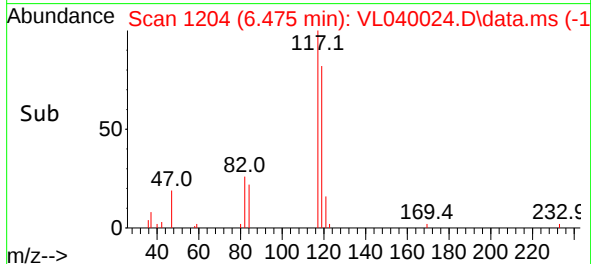
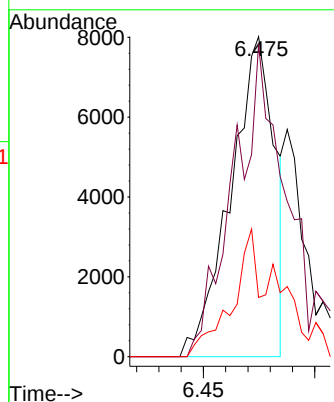
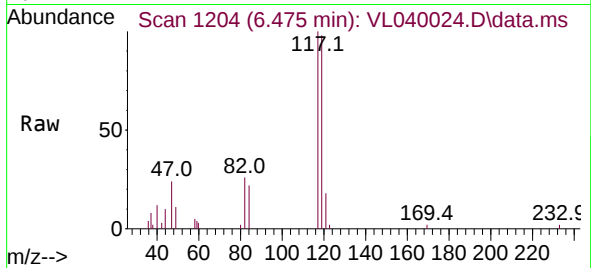




#35
Carbon Tetrachloride
Concen: 0.061 ppbv
RT: 6.475 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

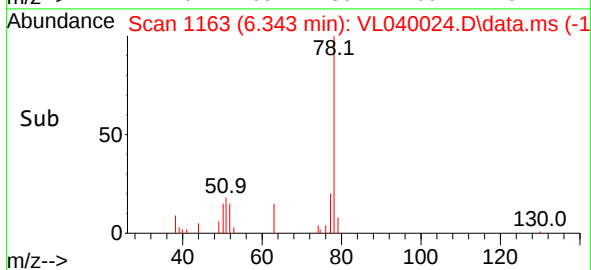
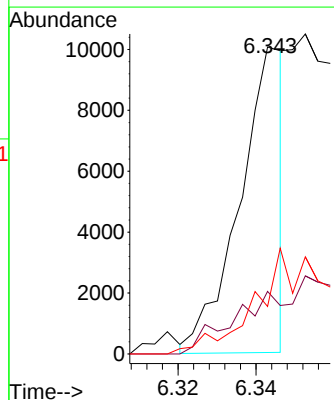
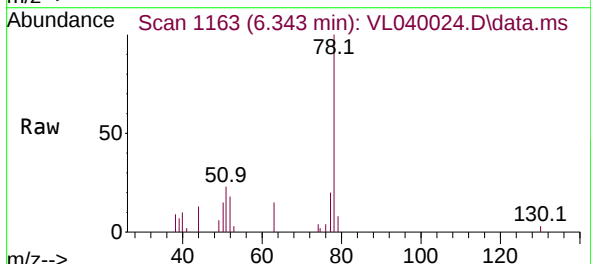
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

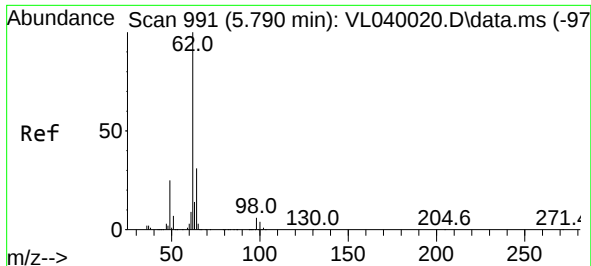
Tgt Ion:117 Resp: 10953
Ion Ratio Lower Upper
117 100
119 97.6 77.3 115.9
121 18.5 25.4 38.0#



#36
Benzene
Concen: 0.031 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.010 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 78 Resp: 7876
Ion Ratio Lower Upper
78 100
77 21.0 17.5 26.3
50 14.2 14.2 21.2





#37

1,2-Dichloroethane

Concen: 0.034 ppbv

RT: 5.793 min Scan# 991

Delta R.T. 0.003 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

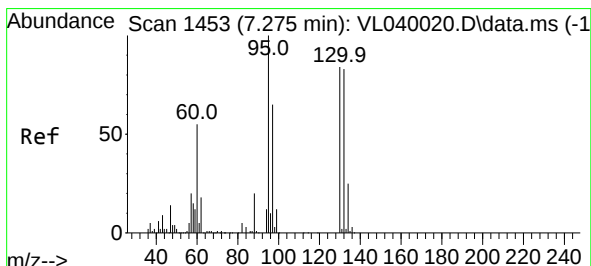
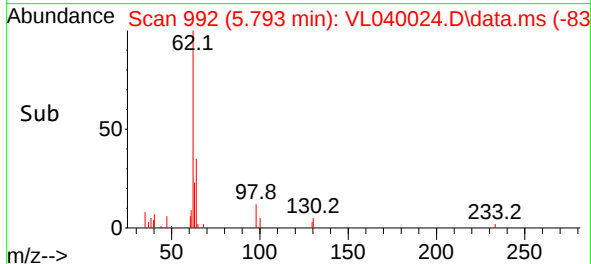
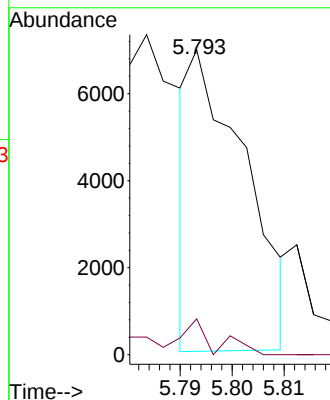
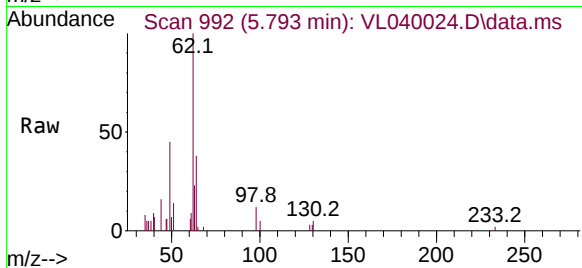
VSTDIC0.1

Tgt Ion: 62 Resp: 5183

Ion Ratio Lower Upper

62 100

98 12.7 5.1 7.7#



#38

Trichloroethene

Concen: 0.059 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Tgt Ion: 130 Resp: 7757

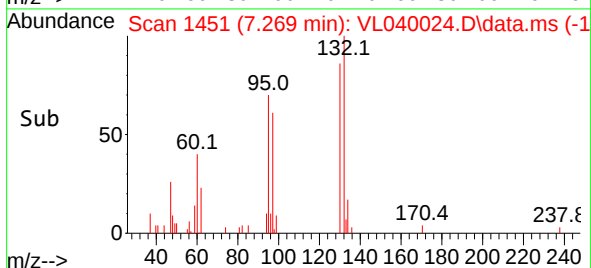
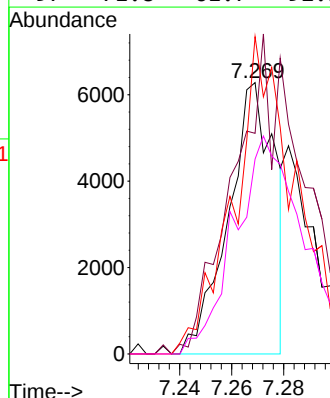
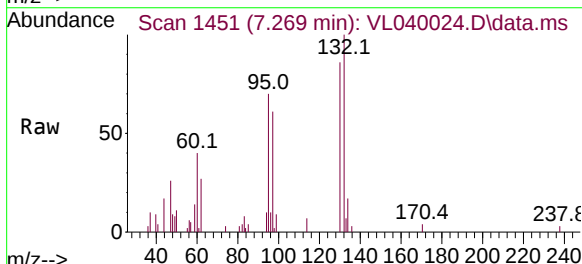
Ion Ratio Lower Upper

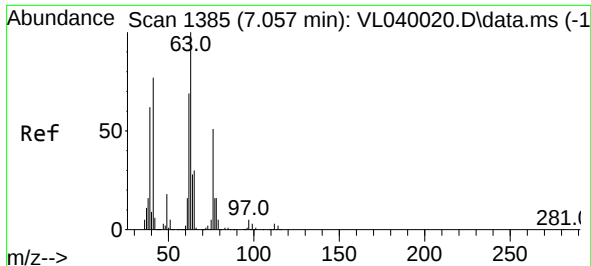
130 100

95 77.7 94.8 142.2#

132 112.8 78.2 117.4

97 71.8 61.7 92.5





#39

1,2-Dichloropropane

Concen: 7.376 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

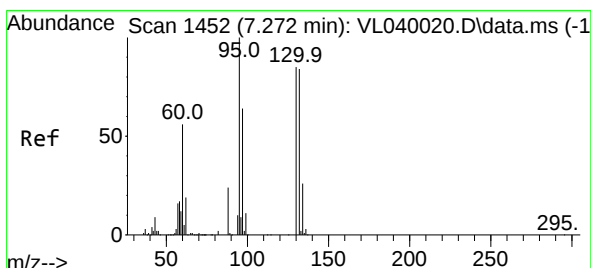
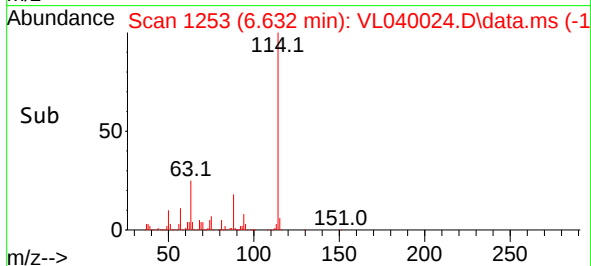
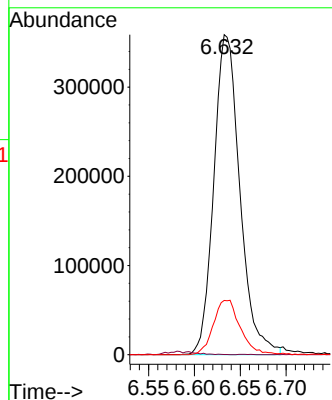
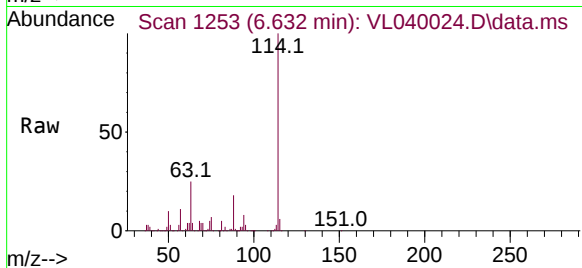
Tgt Ion: 63 Resp: 709132

Ion Ratio Lower Upper

63 100

41 0.1 61.4 92.0#

62 16.9 55.4 83.2#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.026 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Tgt Ion: 88 Resp: 134

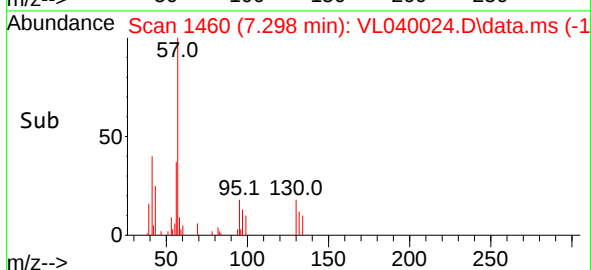
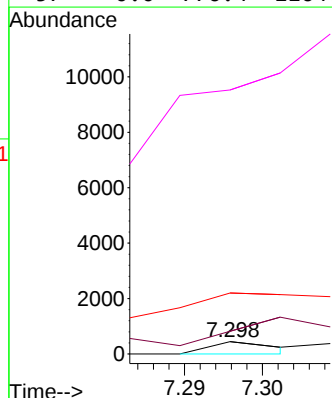
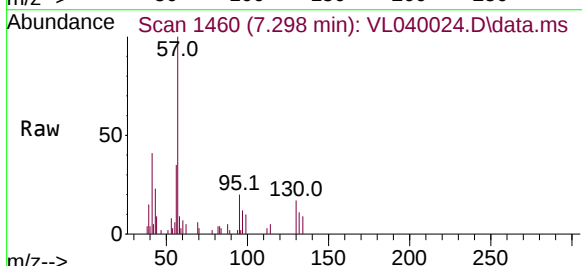
Ion Ratio Lower Upper

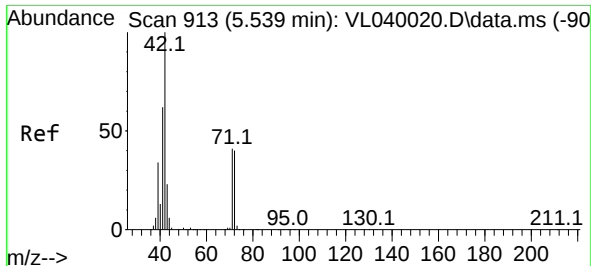
88 100

58 0.0 92.7 139.1#

43 0.0 174.6 261.8#

57 0.0 776.4 1164.6#

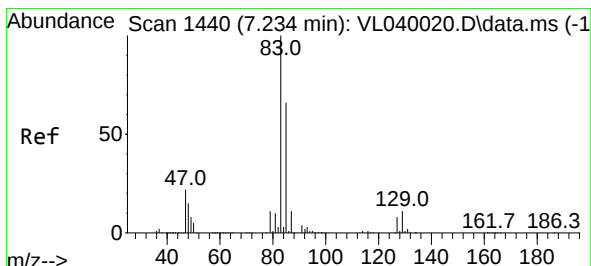
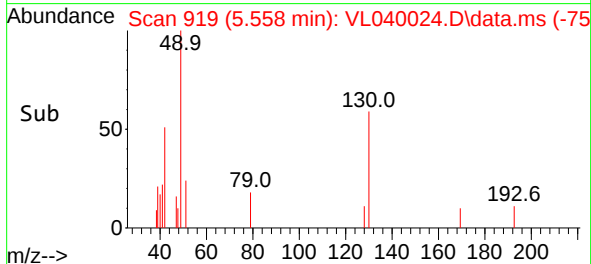
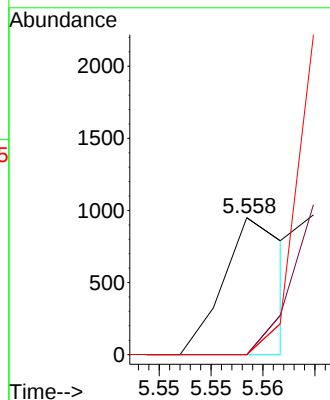
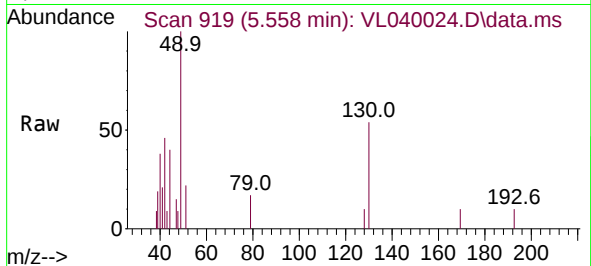




#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 5.558 min Scan# 913
Delta R.T. 0.019 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

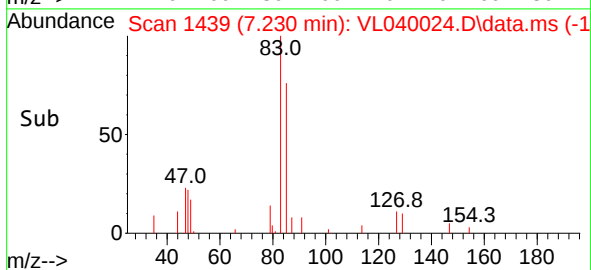
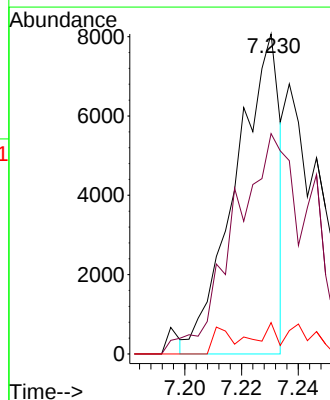
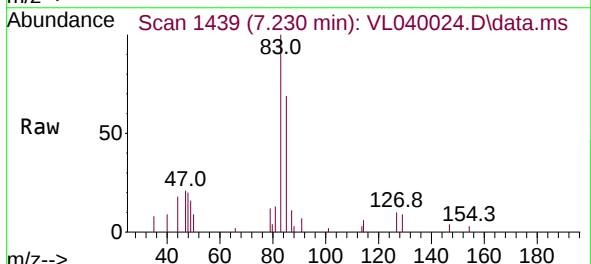
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

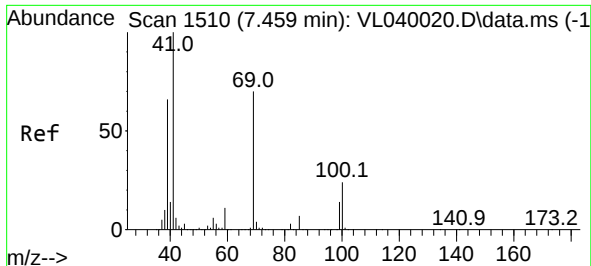
Tgt Ion: 42 Resp: 398
Ion Ratio Lower Upper
42 100
72 0.0 32.9 49.3#
71 0.0 32.2 48.2#



#42
Bromodichloromethane
Concen: 0.042 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 83 Resp: 8720
Ion Ratio Lower Upper
83 100
85 66.9 53.0 79.6
127 10.3 6.2 9.2#

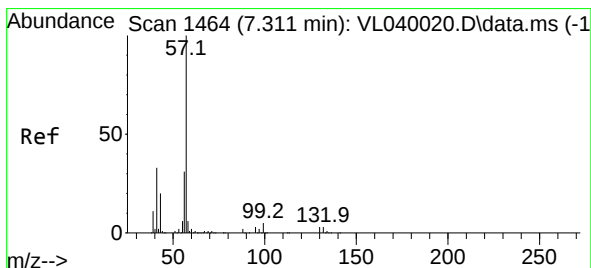
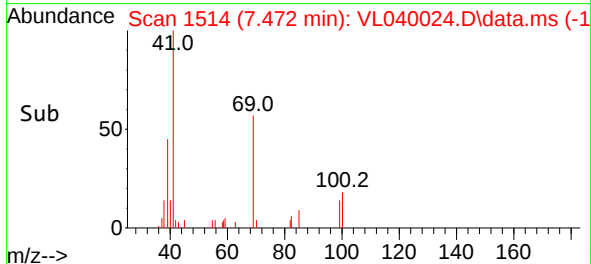
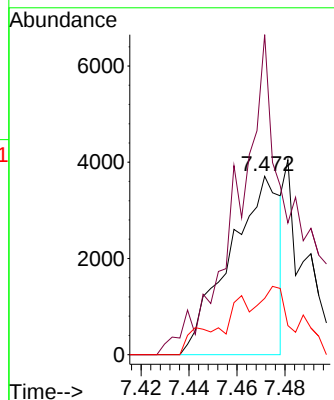
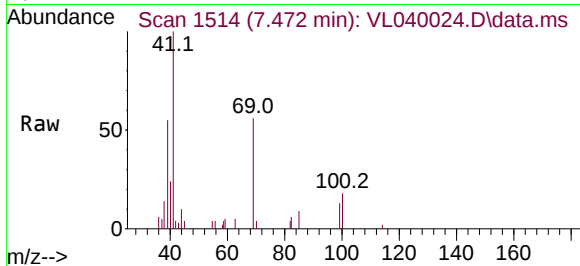




#43
Methyl Methacrylate
Concen: 0.056 ppbv
RT: 7.472 min Scan# 1514
Delta R.T. 0.013 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

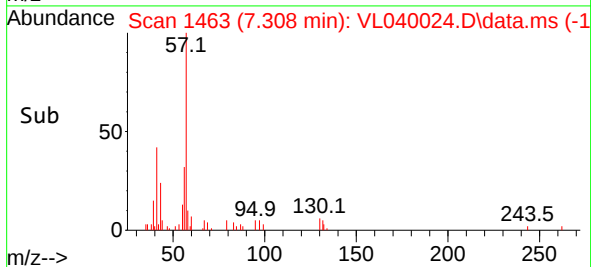
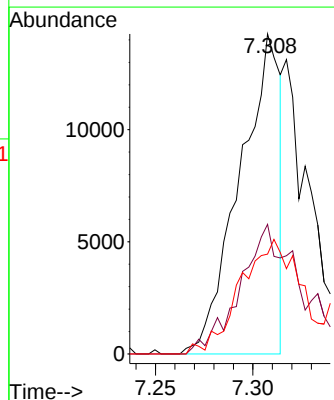
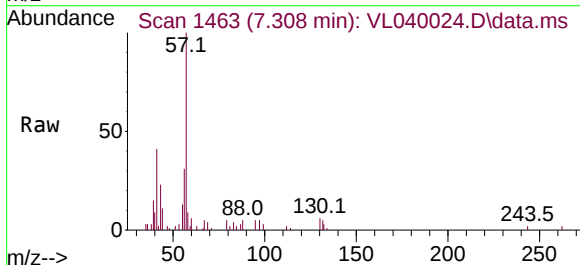
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

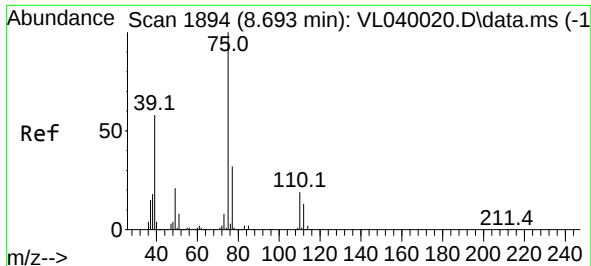
Tgt Ion: 69 Resp: 5388
Ion Ratio Lower Upper
69 100
41 202.1 115.7 173.5#
100 52.9 26.0 39.0#



#44
2,2,4-Trimethylpentane
Concen: 0.048 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 57 Resp: 20463
Ion Ratio Lower Upper
57 100
41 62.7 26.2 39.4#
56 60.9 25.1 37.7#

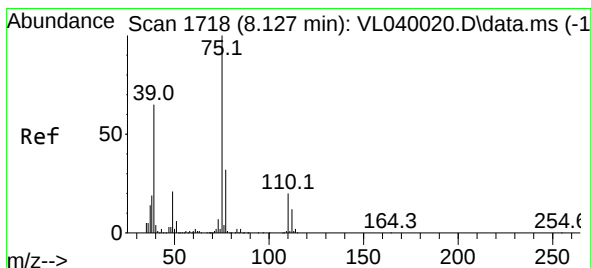
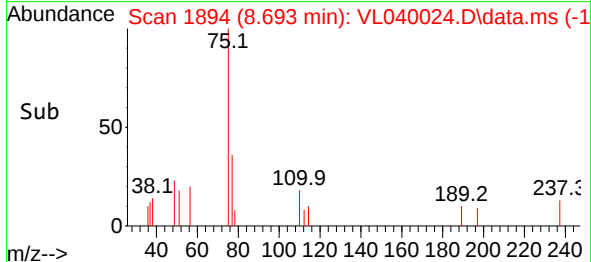
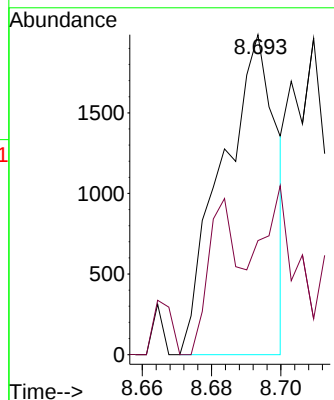
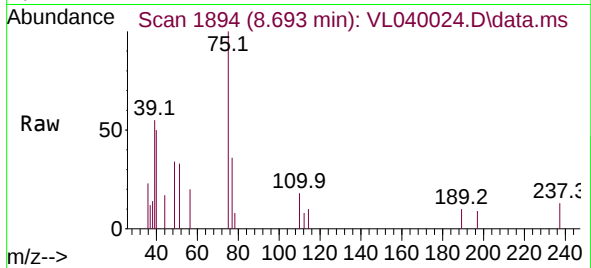




#45
 t-1,3-Dichloropropene
 Concen: 0.027 ppbv
 RT: 8.693 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

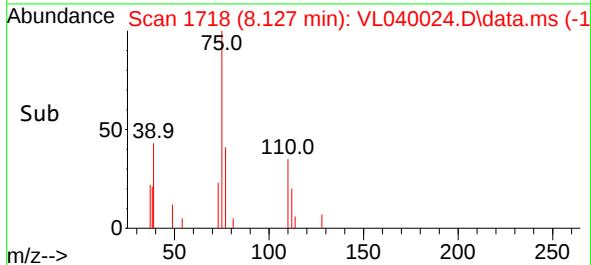
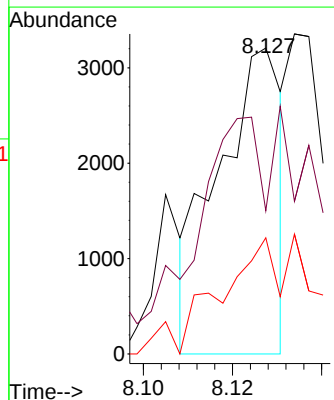
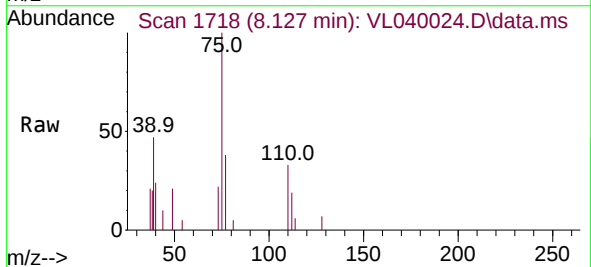
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

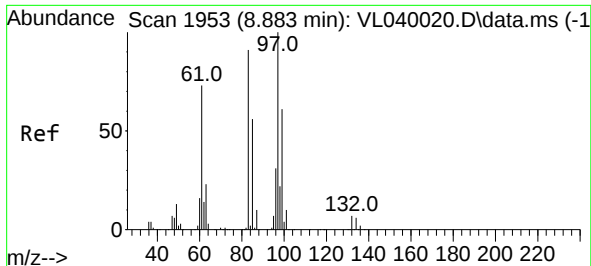
Tgt Ion: 75 Resp: 2160
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 0.028 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. 0.000 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion: 75 Resp: 3182
 Ion Ratio Lower Upper
 75 100
 39 36.1 51.7 77.5#
 77 61.1 25.2 37.8#





#47

1,1,2-Trichloroethane

Concen: 0.067 ppbv

RT: 8.883 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 97 Resp: 7050

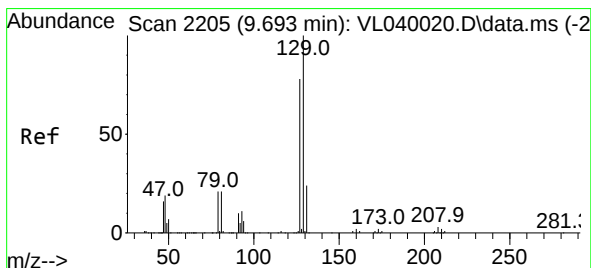
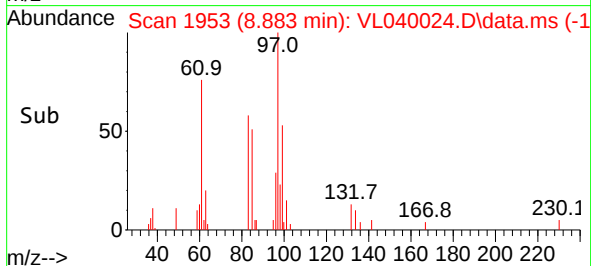
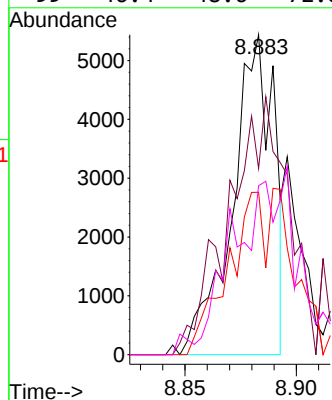
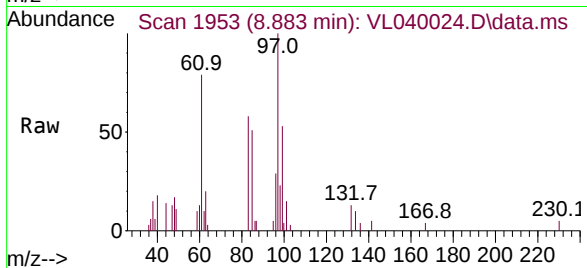
Ion Ratio Lower Upper

97 100

83 54.5 72.5 108.7#

85 50.8 45.0 67.6

99 46.4 48.6 72.8#



#48

Dibromochloromethane

Concen: 0.031 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.000 min

Lab File: VL040024.D

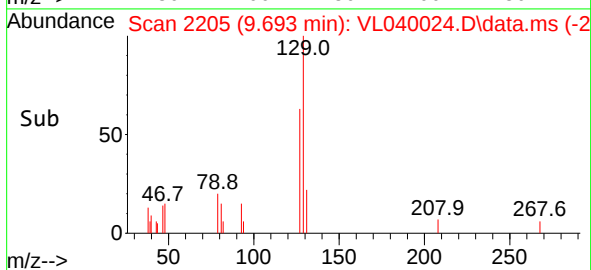
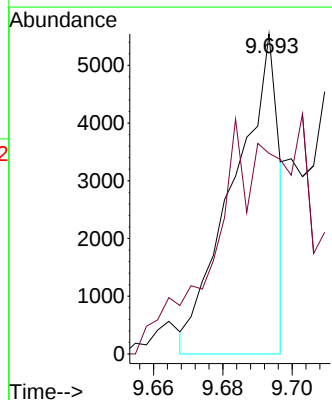
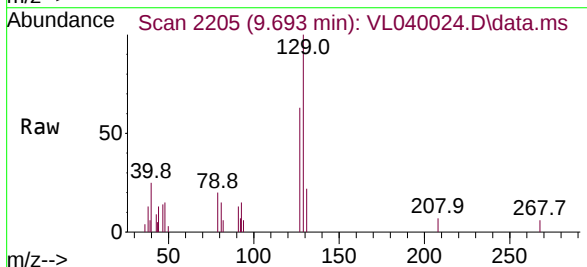
Acq: 19 Dec 2022 12:06

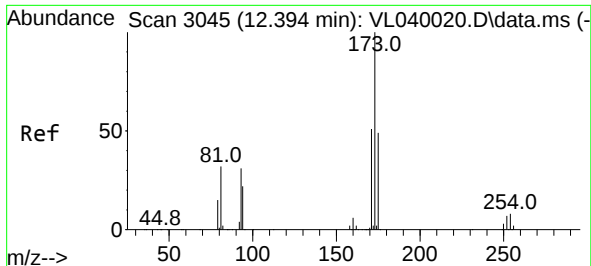
Tgt Ion: 129 Resp: 5002

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.1#





#49

Bromoform

Concen: 0.008 ppbv

RT: 12.397 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

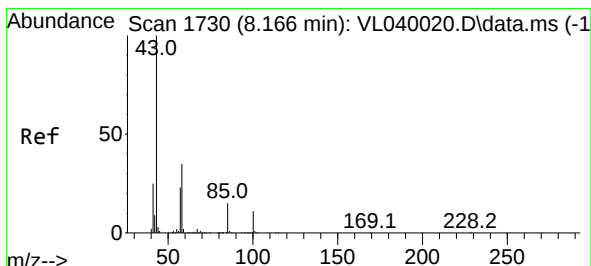
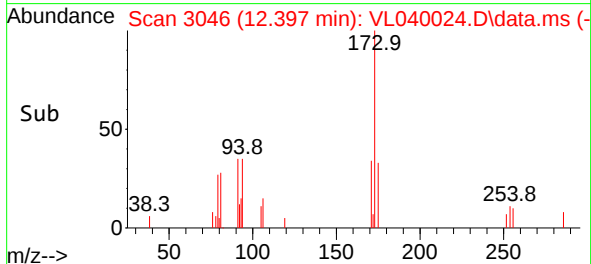
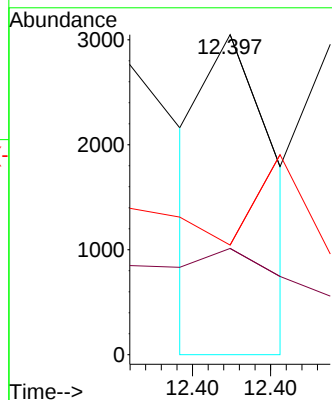
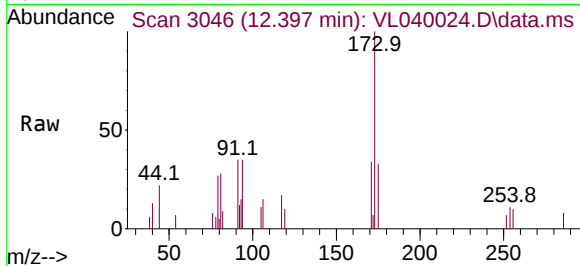
Tgt Ion:173 Resp: 932

Ion Ratio Lower Upper

173 100

175 0.0 39.0 58.4#

171 360.1 42.0 63.0#



#50

4-Methyl-2-Pentanone

Concen: 0.015 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.019 min

Lab File: VL040024.D

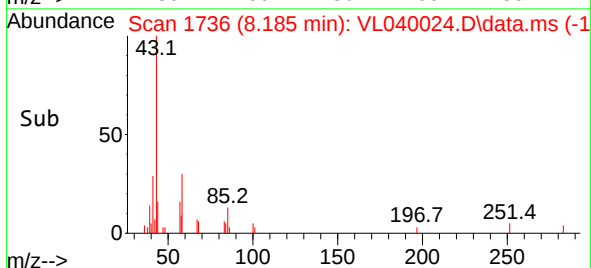
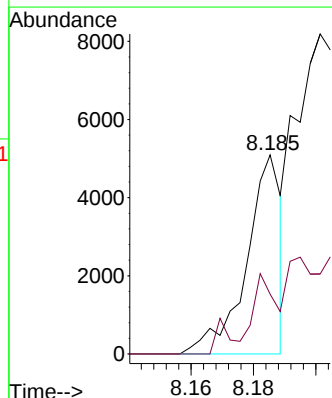
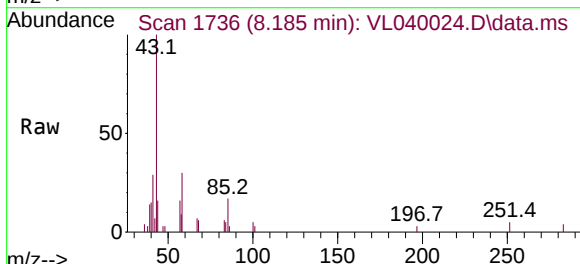
Acq: 19 Dec 2022 12:06

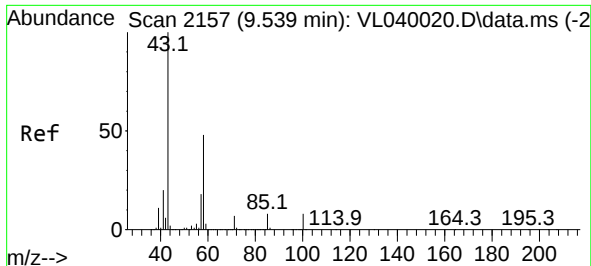
Tgt Ion: 43 Resp: 3935

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.4#

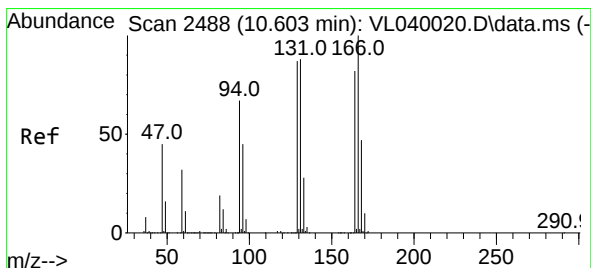
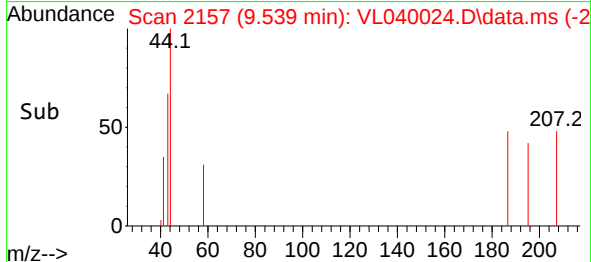
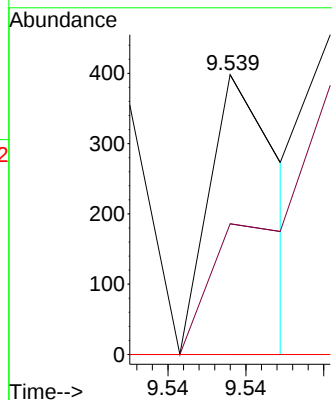
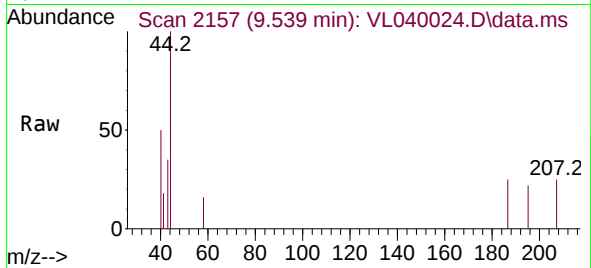




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.539 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

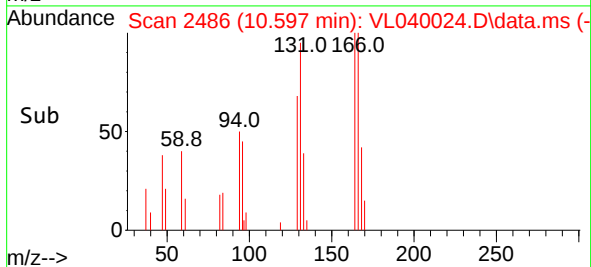
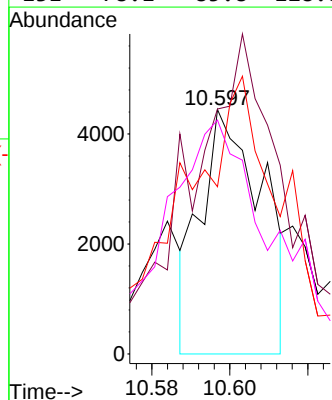
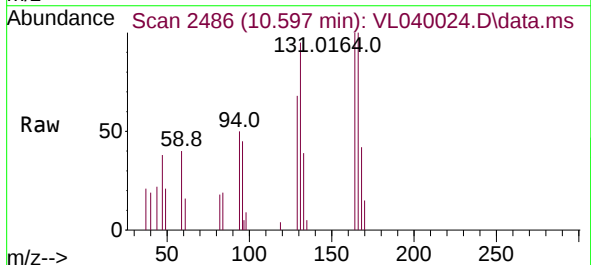
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

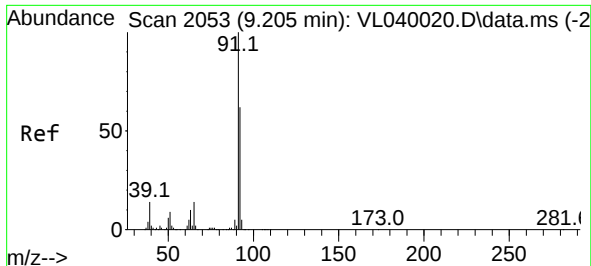
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 39.4 59.2#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.055 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 164 Resp: 4871
Ion Ratio Lower Upper
164 100
166 39.8 97.4 146.0#
129 21.1 84.3 126.5#
131 78.1 85.8 128.8#

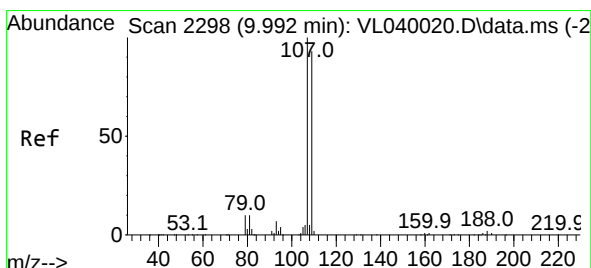
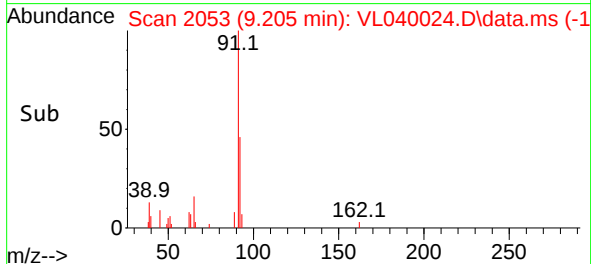
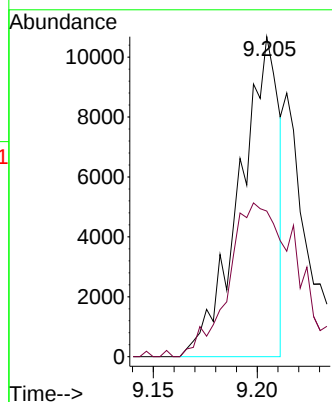
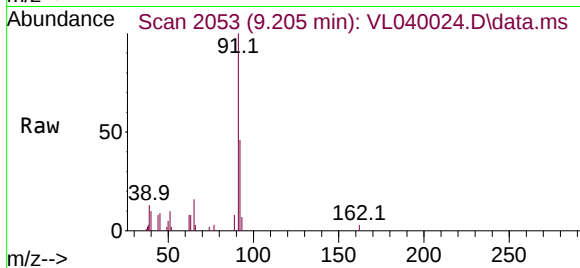




#53
Toluene
Concen: 0.049 ppbv
RT: 9.205 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

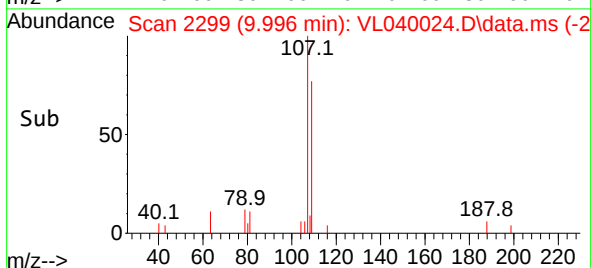
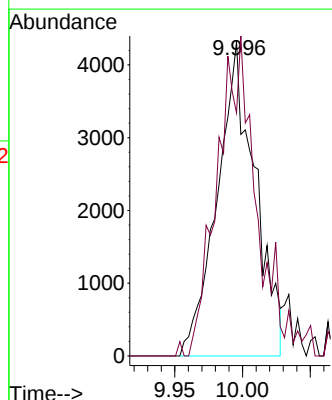
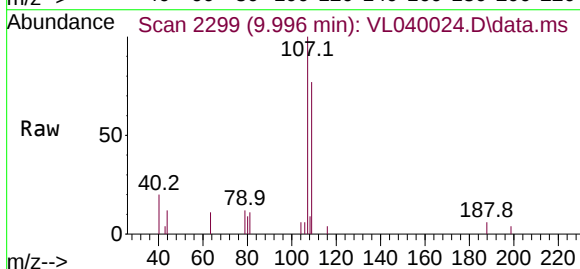
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

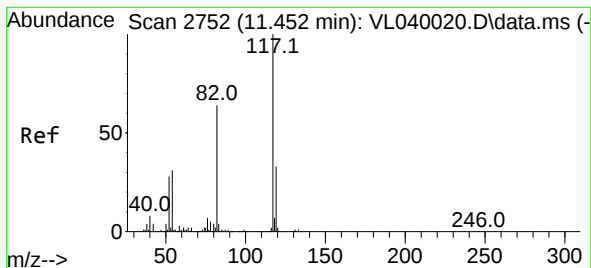
Tgt Ion: 91 Resp: 13984
Ion Ratio Lower Upper
91 100
92 85.5 48.7 73.1#



#54
1,2-Dibromoethane
Concen: 0.074 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 107 Resp: 8346
Ion Ratio Lower Upper
107 100
109 72.7 74.1 111.1#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

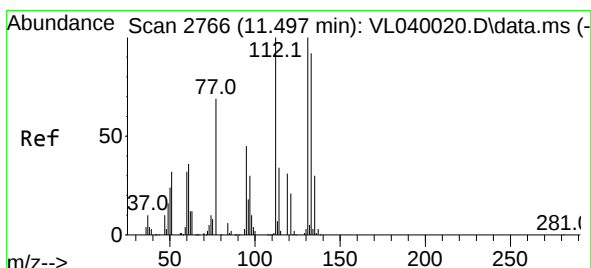
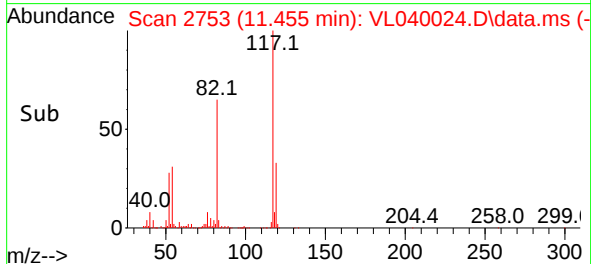
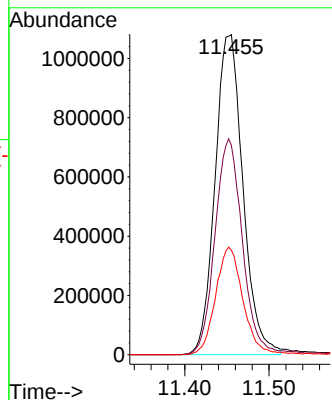
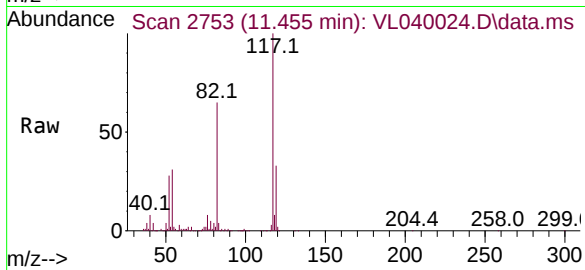
Tgt Ion:117 Resp: 2482394

Ion Ratio Lower Upper

117 100

82 67.6 51.2 76.8

119 33.3 23.2 34.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.023 ppbv

RT: 11.504 min Scan# 2768

Delta R.T. 0.007 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

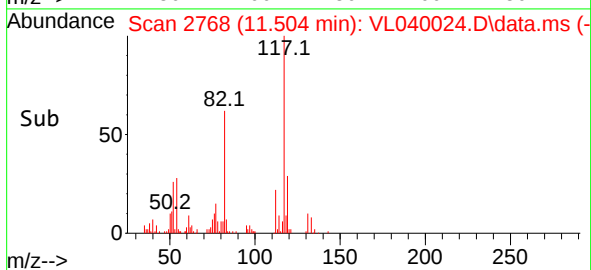
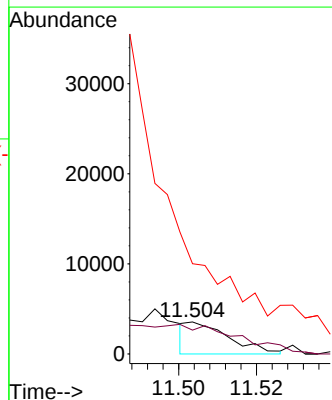
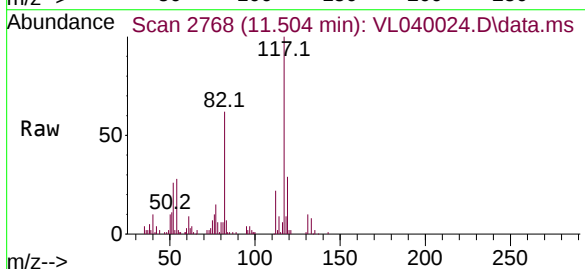
Tgt Ion:131 Resp: 2651

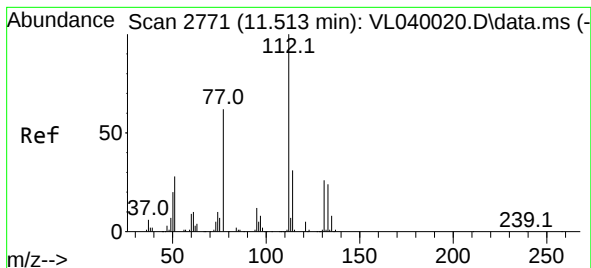
Ion Ratio Lower Upper

131 100

133 328.7 75.8 113.8#

119 0.0 52.3 78.5#

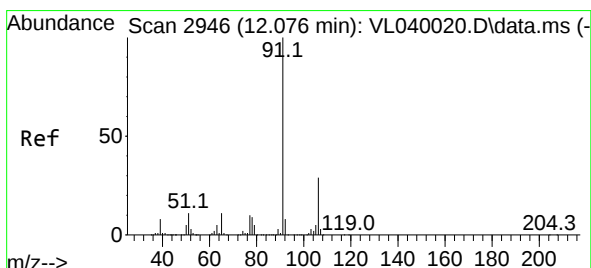
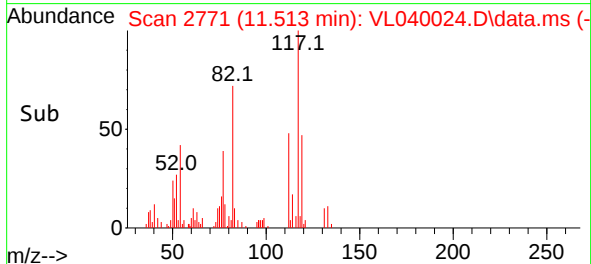
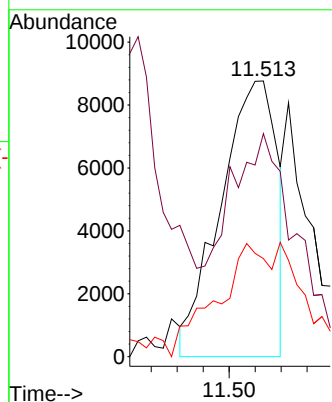
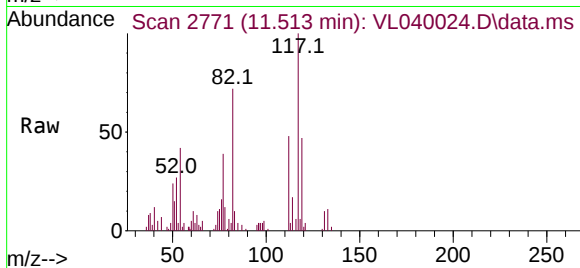




#57
Chlorobenzene
Concen: 0.063 ppbv
RT: 11.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

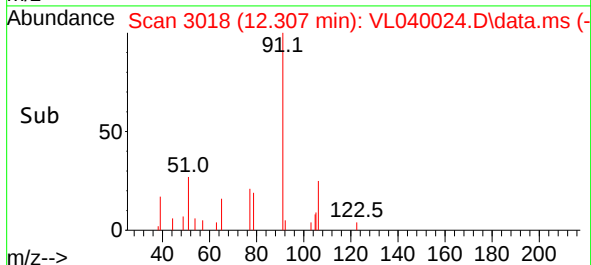
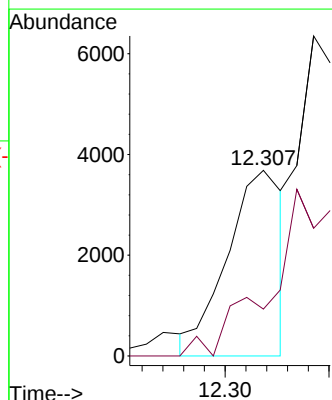
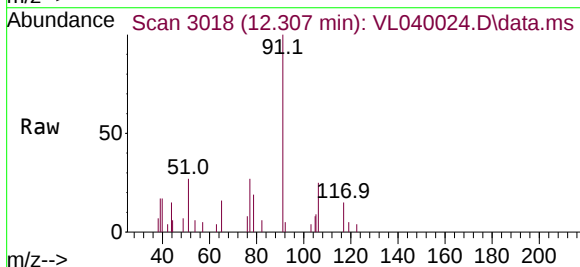
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

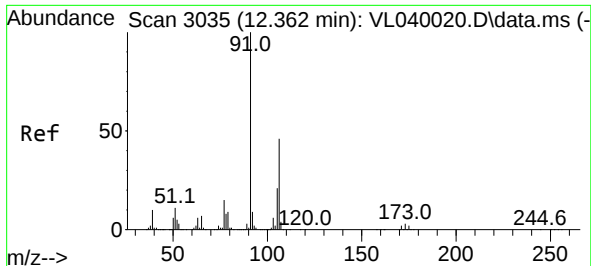
Tgt Ion:112 Resp: 13194
Ion Ratio Lower Upper
112 100
77 37.3 50.6 75.8#
114 27.5 27.8 34.0#



#58
Ethyl Benzene
Concen: 0.008 ppbv
RT: 12.307 min Scan# 3018
Delta R.T. 0.232 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 91 Resp: 2743
Ion Ratio Lower Upper
91 100
106 28.6 23.5 35.3





#59

m/p-Xylene

Concen: 0.026 ppbv

RT: 12.365 min Scan# 3035

Delta R.T. 0.003 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

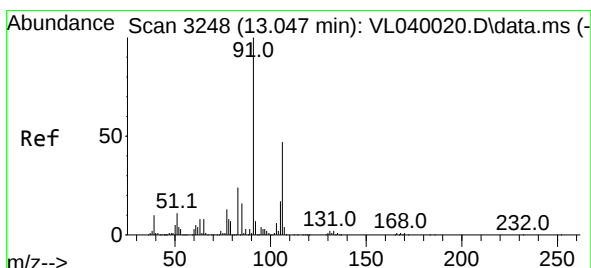
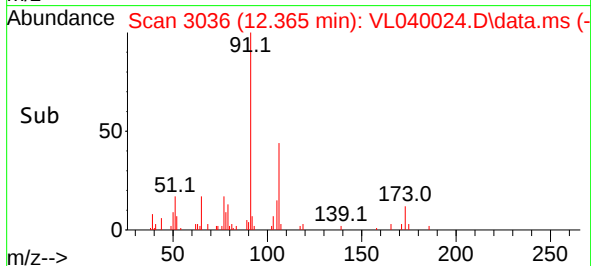
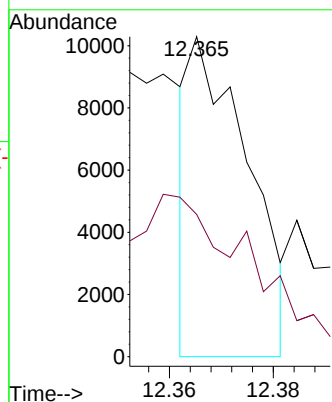
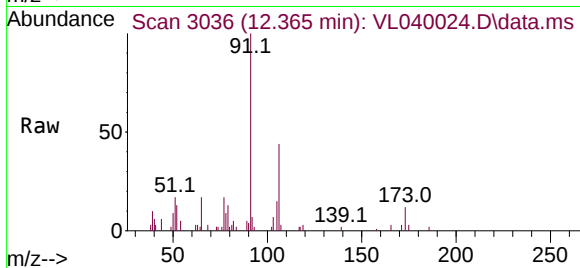
VSTDIC0.1

Tgt Ion: 91 Resp: 8021

Ion Ratio Lower Upper

91 100

106 217.9 35.5 53.3#



#60

o-Xylene

Concen: 0.043 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.003 min

Lab File: VL040024.D

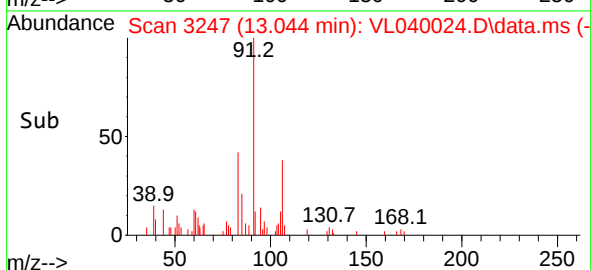
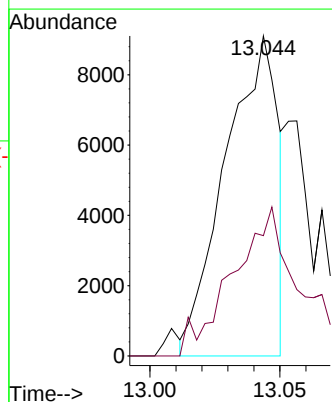
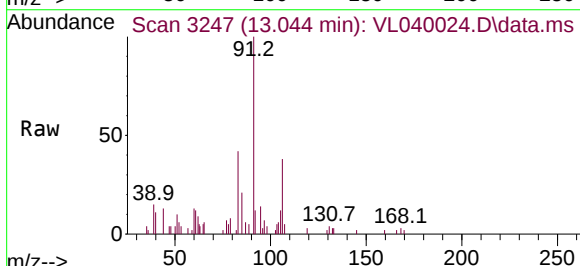
Acq: 19 Dec 2022 12:06

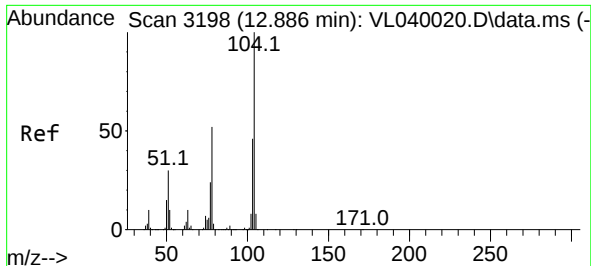
Tgt Ion: 91 Resp: 12721

Ion Ratio Lower Upper

91 100

106 60.9 22.4 67.0

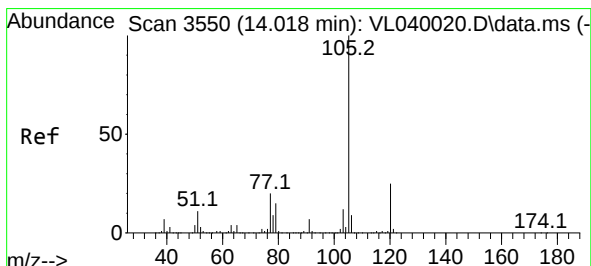
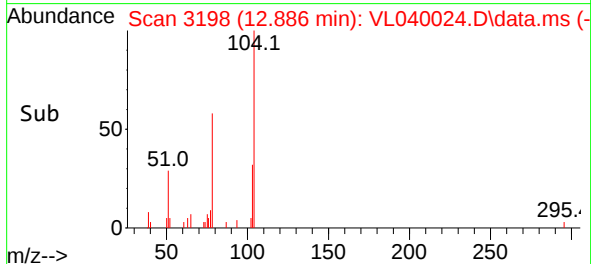
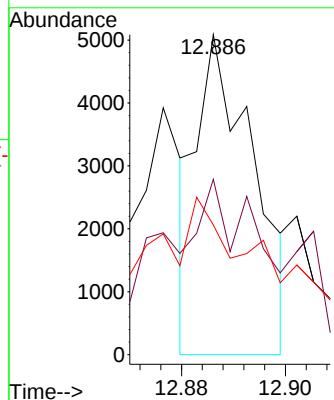
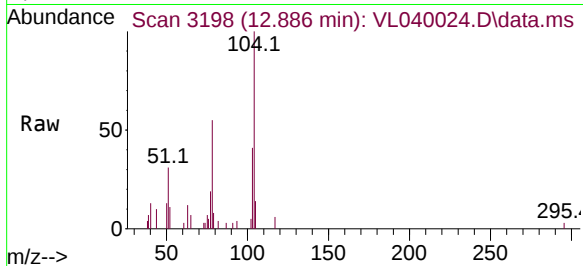




#61
Styrene
Concen: 0.025 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

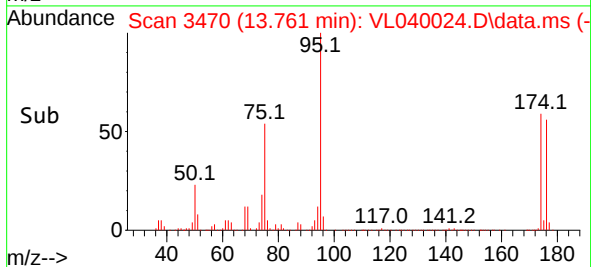
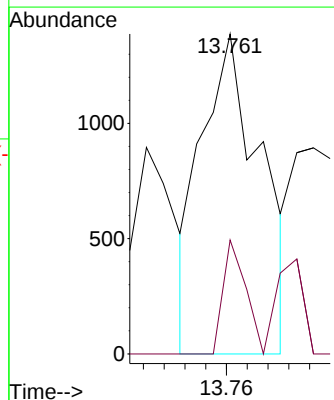
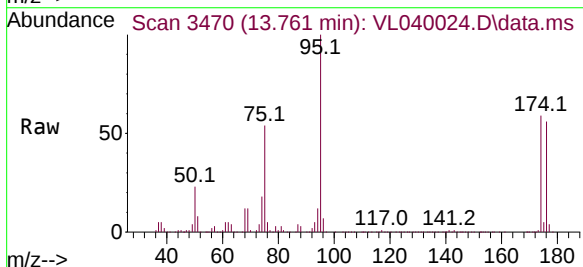
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

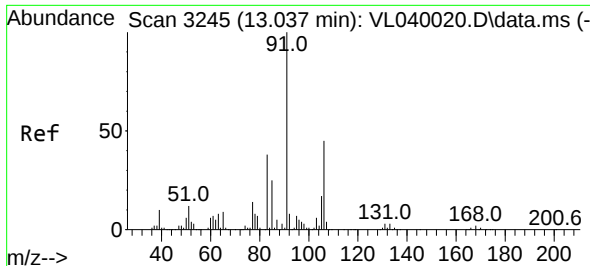
Tgt Ion:104 Resp: 3854
Ion Ratio Lower Upper
104 100
78 143.0 42.4 63.6#
103 130.1 37.2 55.8#



#62
Isopropylbenzene
Concen: 0.003 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.257 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion:105 Resp: 1103
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0

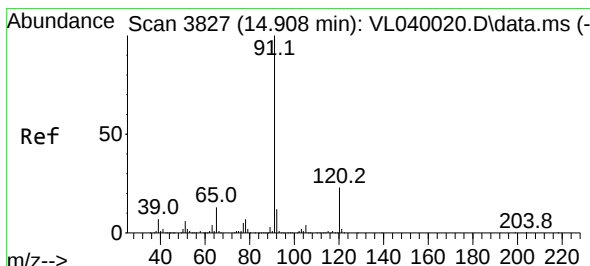
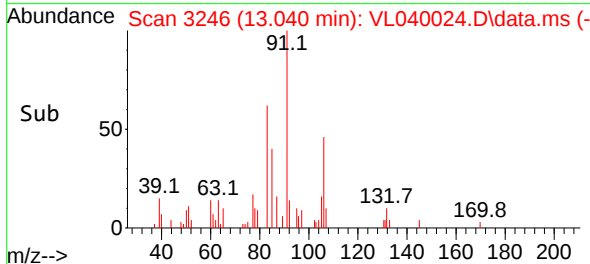
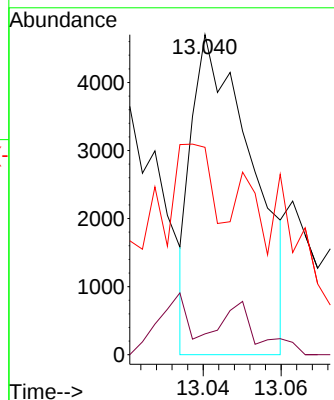
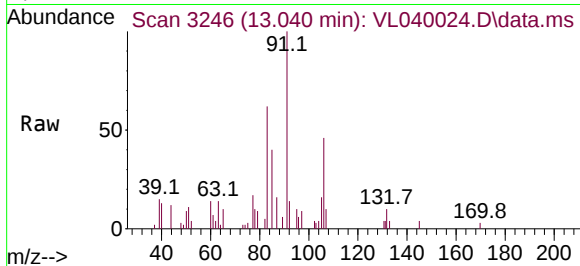




#63
1,1,2,2-Tetrachloroethane
Concen: 0.047 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

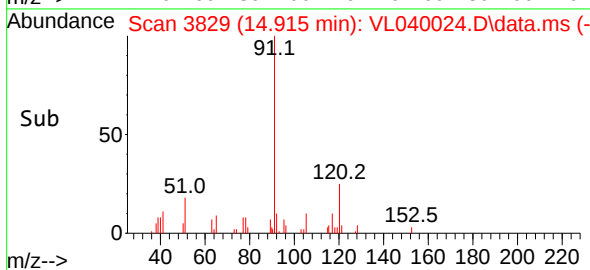
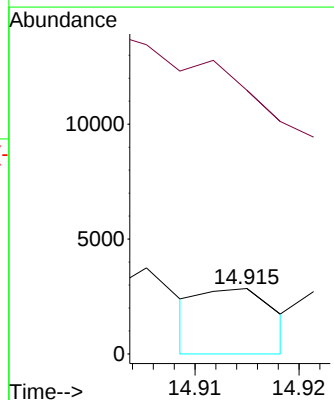
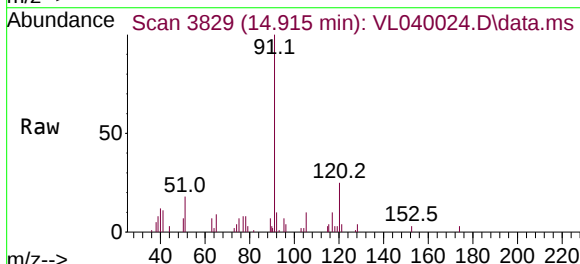
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

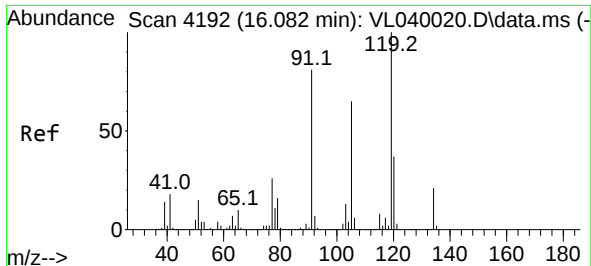
Tgt Ion: 83 Resp: 5077
Ion Ratio Lower Upper
83 100
131 25.4 4.5 13.5#
85 153.9 33.3 99.9#



#64
n-propylbenzene
Concen: 0.013 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.007 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion:120 Resp: 1407
Ion Ratio Lower Upper
120 100
91 0.0 384.3 576.5#

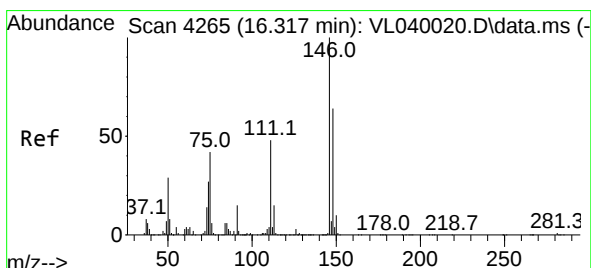
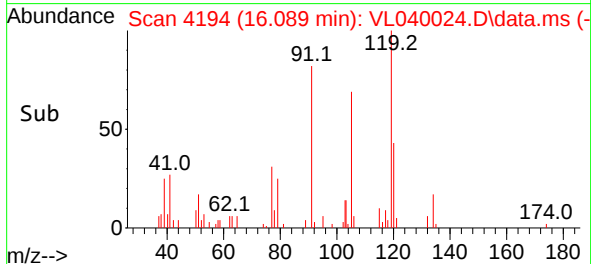
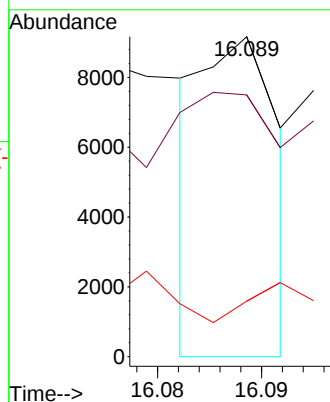
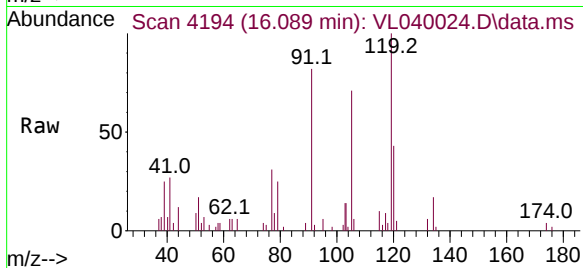




#65
tert-Butylbenzene
Concen: 0.013 ppbv
RT: 16.089 min Scan# 4194
Delta R.T. 0.006 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

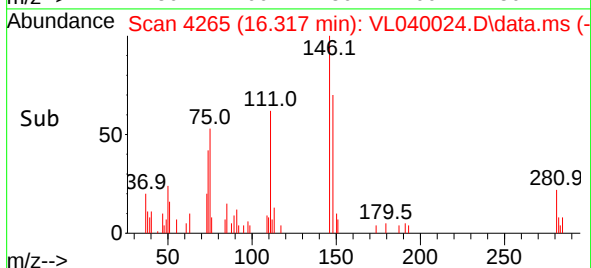
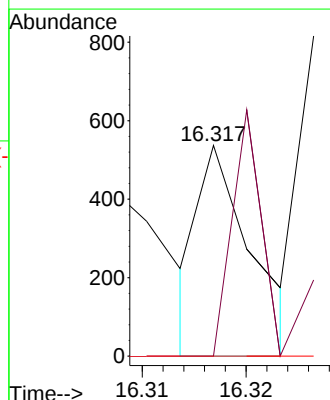
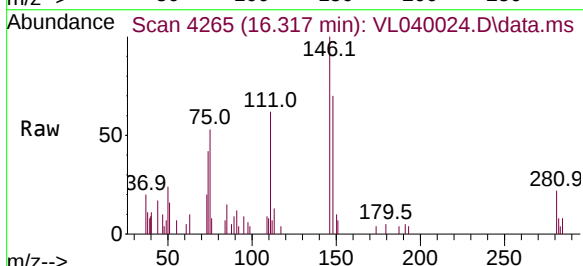
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

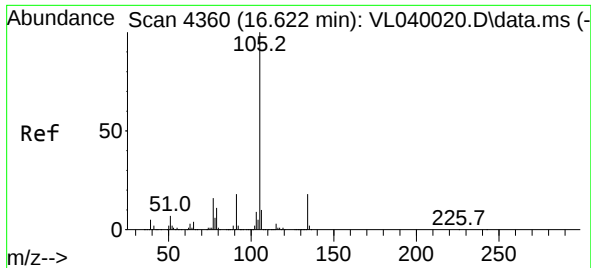
Tgt Ion:119 Resp: 4636
Ion Ratio Lower Upper
119 100
91 467.3 66.9 100.3#
134 0.0 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.010 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 91 Resp: 190
Ion Ratio Lower Upper
91 100
126 0.0 12.2 18.2#
128 0.0 4.2 6.2#

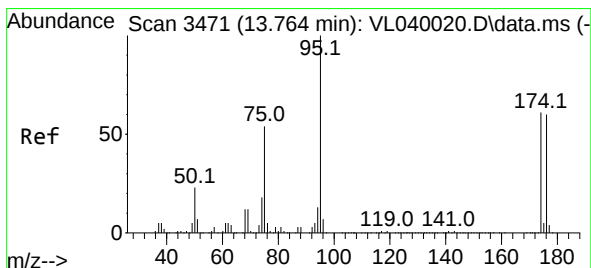
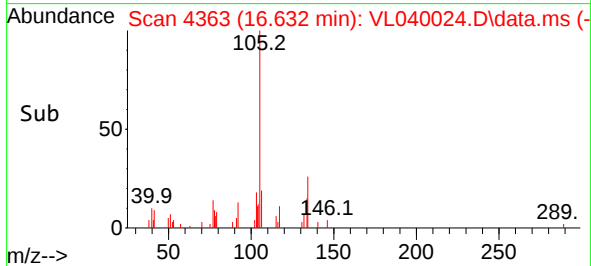
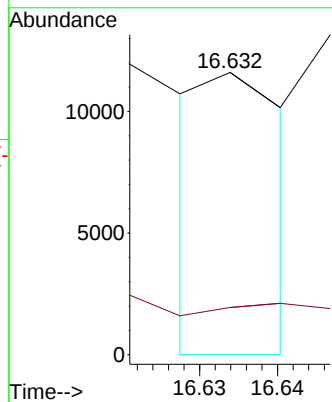
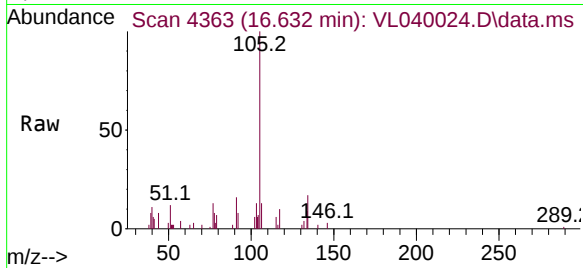




#67
 sec-Butylbenzene
 Concen: 0.008 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

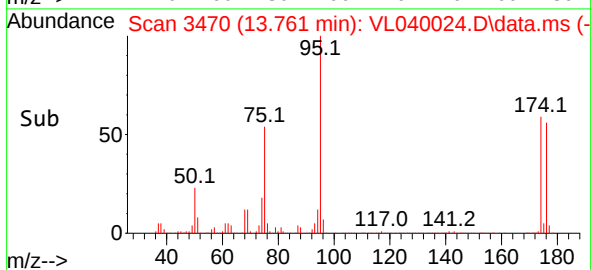
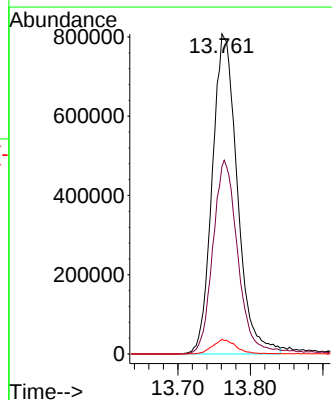
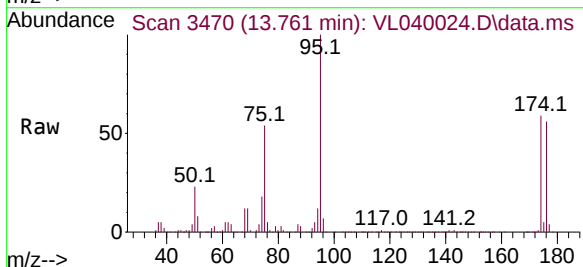
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

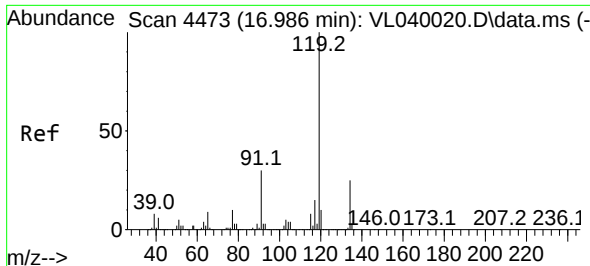
Tgt Ion:105 Resp: 4199
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.2 21.4#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.241 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.003 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion: 95 Resp: 1941869
 Ion Ratio Lower Upper
 95 100
 174 61.1 48.6 73.0
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.011 ppbv

RT: 16.992 min Scan# 4473

Delta R.T. 0.006 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

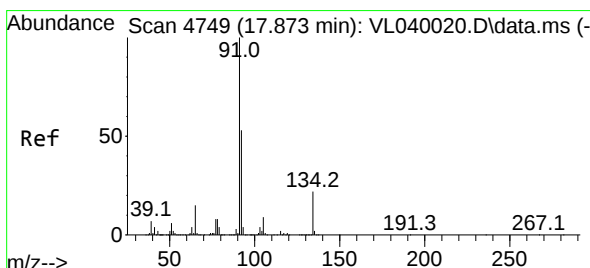
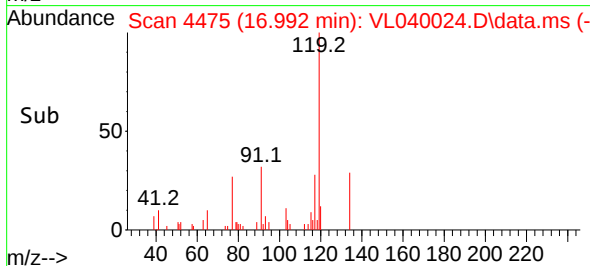
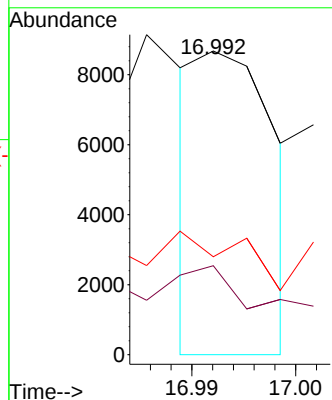
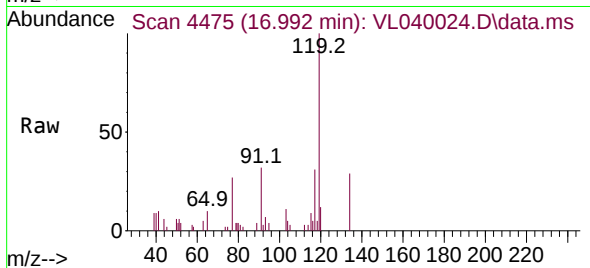
Tgt Ion:119 Resp: 4432

Ion Ratio Lower Upper

119 100

134 153.0 20.2 30.4#

91 205.6 24.2 36.4#



#70

n-Butylbenzene

Concen: 0.030 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.010 min

Lab File: VL040024.D

Acq: 19 Dec 2022 12:06

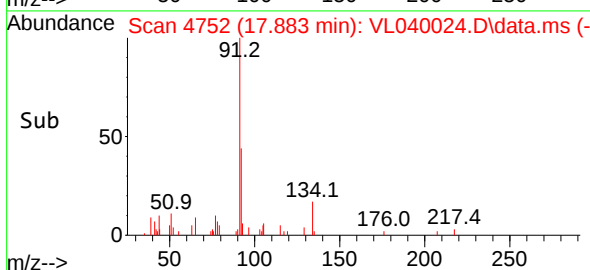
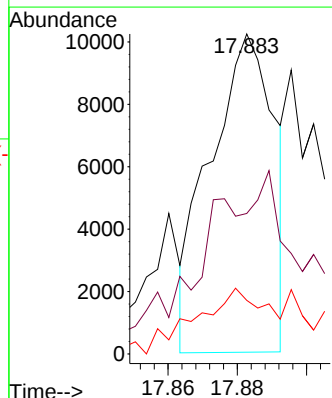
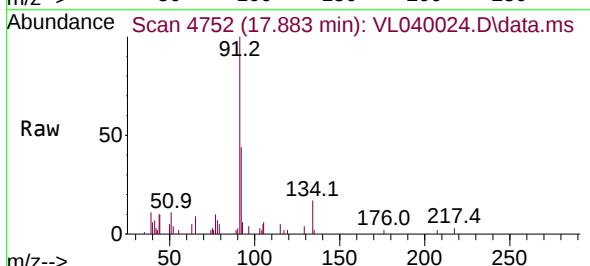
Tgt Ion: 91 Resp: 13110

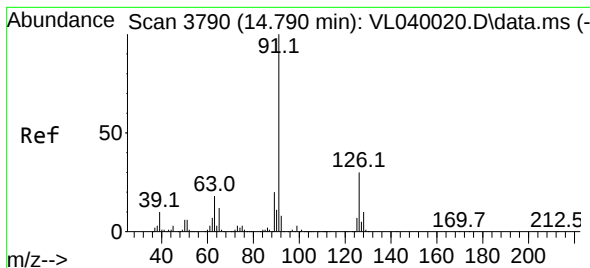
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 41.8 17.4 26.2#

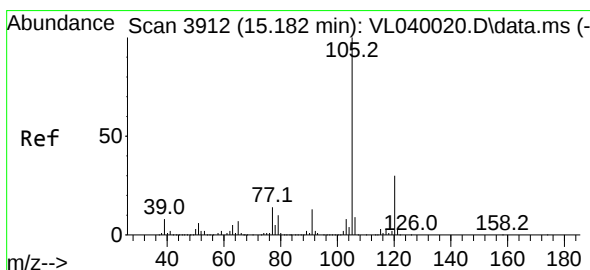
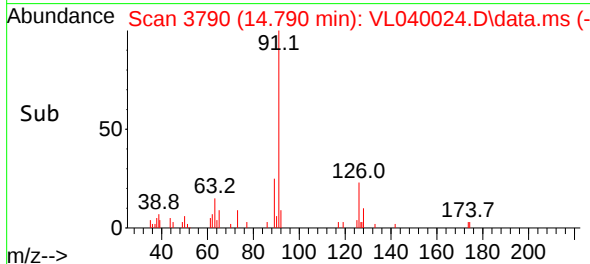
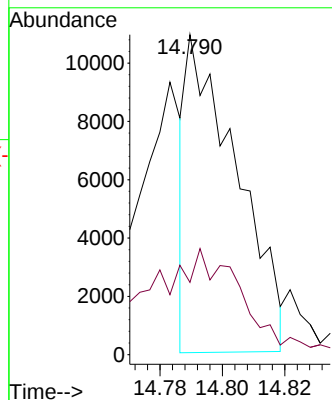
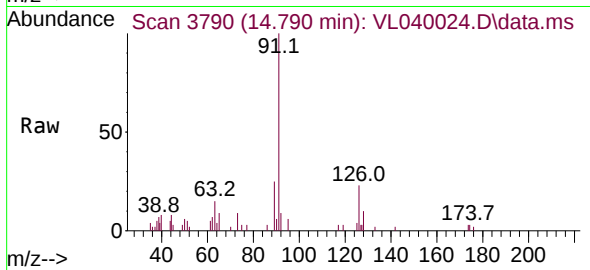




#71
2-Chlorotoluene
Concen: 0.038 ppbv
RT: 14.790 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

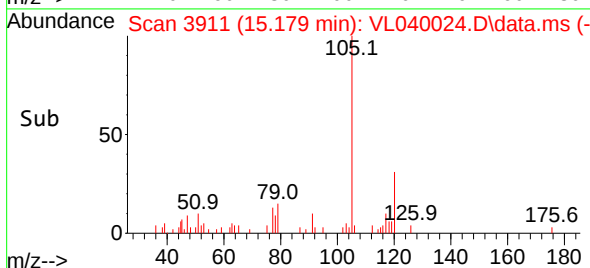
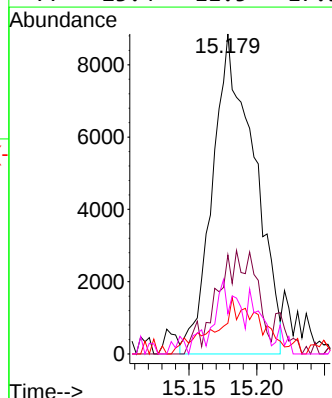
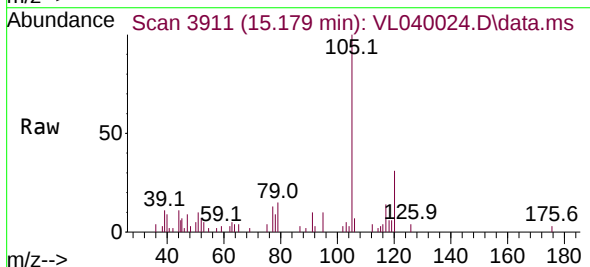
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

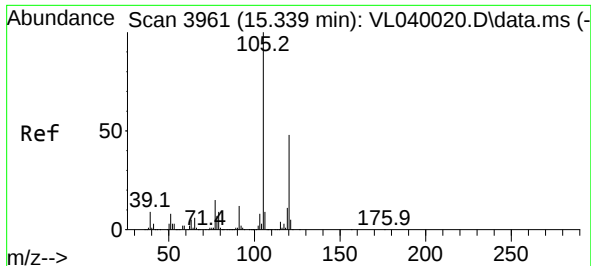
Tgt Ion: 91 Resp: 12244
Ion Ratio Lower Upper
91 100
126 63.8 12.1 48.5#



#72
4-Ethyltoluene
Concen: 0.058 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion: 105 Resp: 18834
Ion Ratio Lower Upper
105 100
120 36.1 23.5 35.3#
91 21.6 10.5 15.7#
77 23.4 11.5 17.3#

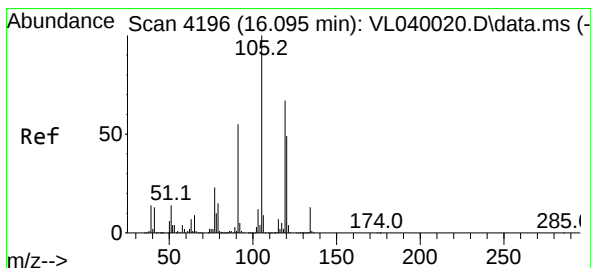
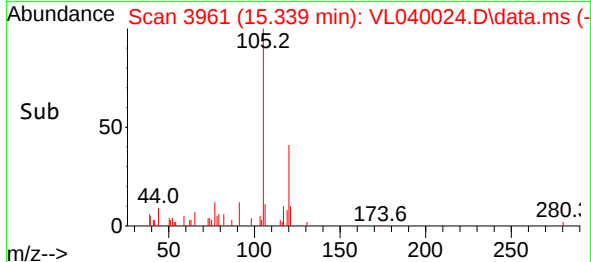
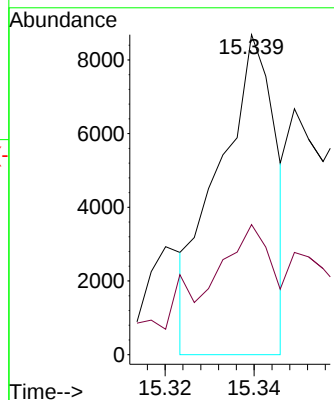
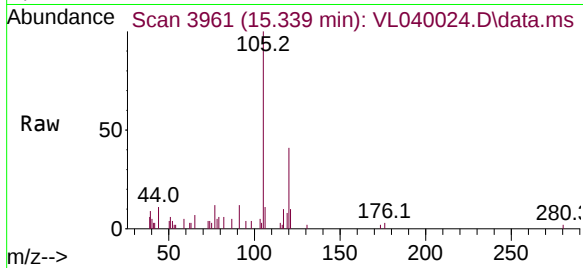




#73
 1,3,5-Trimethylbenzene
 Concen: 0.026 ppbv
 RT: 15.339 min Scan# 3961
 Delta R.T. 0.000 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

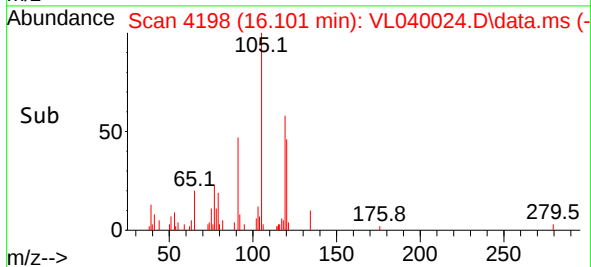
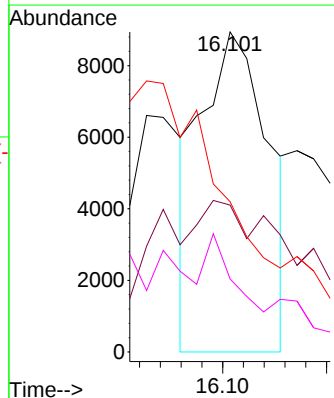
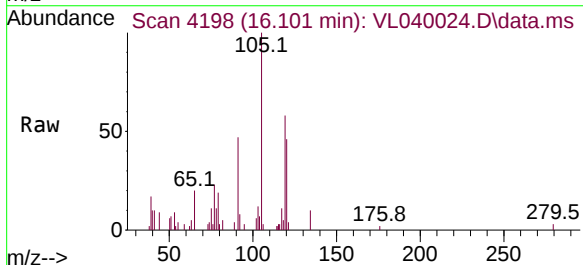
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

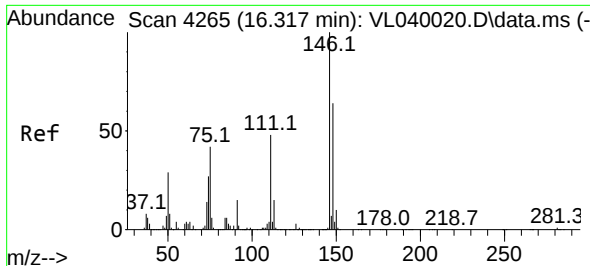
Tgt Ion:105 Resp: 7805
 Ion Ratio Lower Upper
 105 100
 120 29.7 38.4 57.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.025 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. 0.006 min
 Lab File: VL040024.D
 Acq: 19 Dec 2022 12:06

Tgt Ion:105 Resp: 8116
 Ion Ratio Lower Upper
 105 100
 120 25.1 39.3 58.9#
 91 53.4 44.2 66.4
 77 16.4 18.8 28.2#

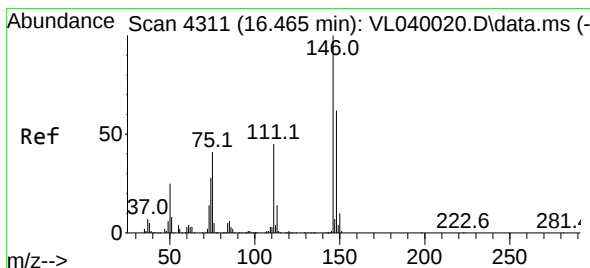
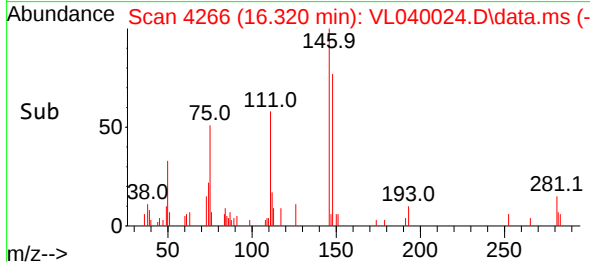
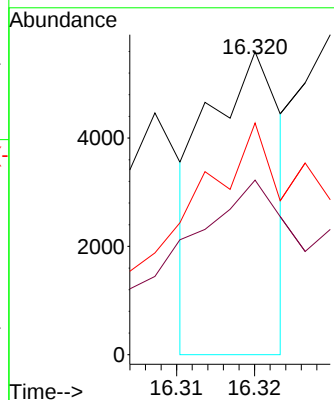
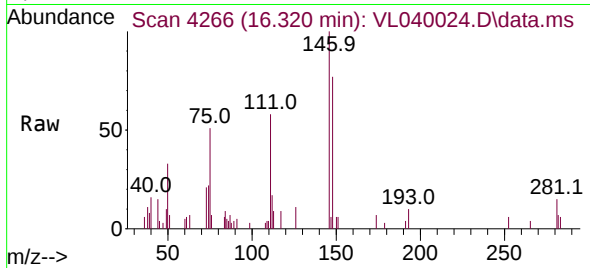




#75
1,3-Dichlorobenzene
Concen: 0.021 ppbv
RT: 16.320 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

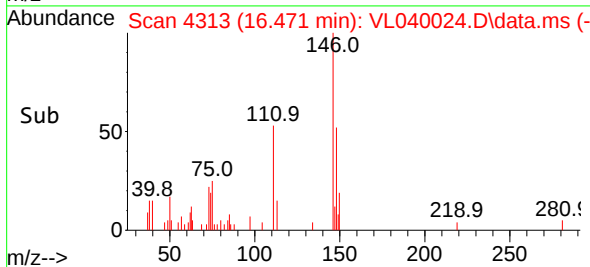
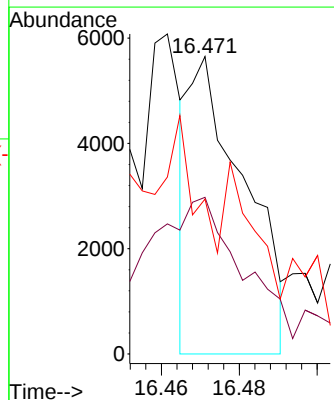
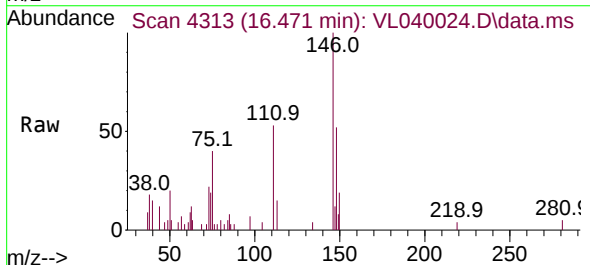
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

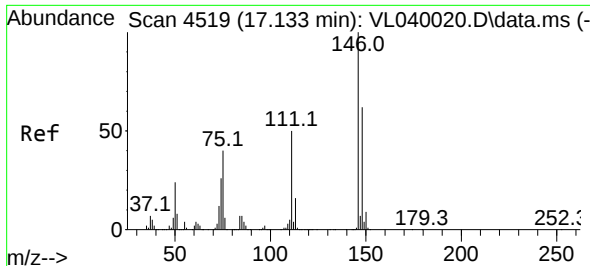
Tgt Ion:146 Resp: 3680
Ion Ratio Lower Upper
146 100
111 202.4 23.9 71.8#
148 279.0 32.0 96.2#



#76
1,4-Dichlorobenzene
Concen: 0.032 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.006 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion:146 Resp: 5592
Ion Ratio Lower Upper
146 100
111 138.1 23.4 70.2#
148 0.0 32.0 96.2#

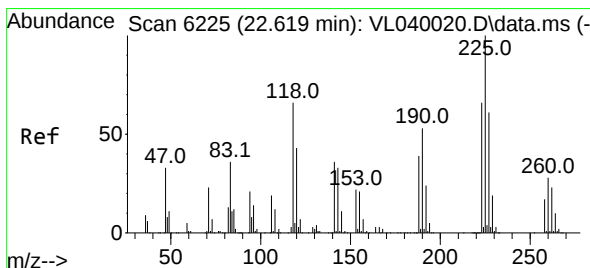
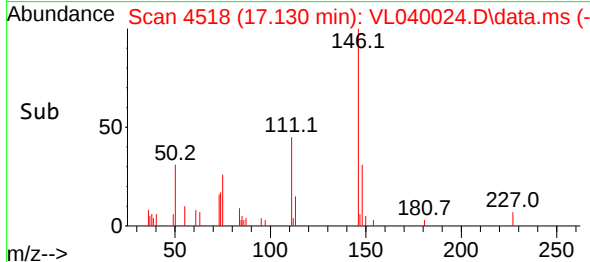
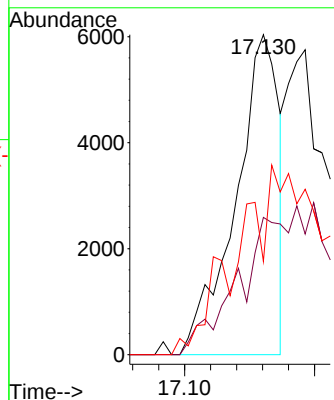
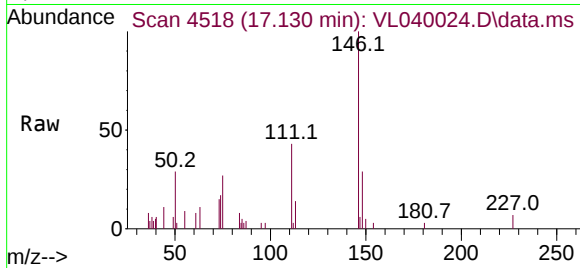




#77
1,2-Dichlorobenzene
Concen: 0.041 ppbv
RT: 17.130 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

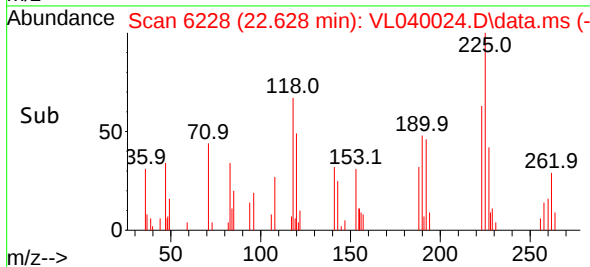
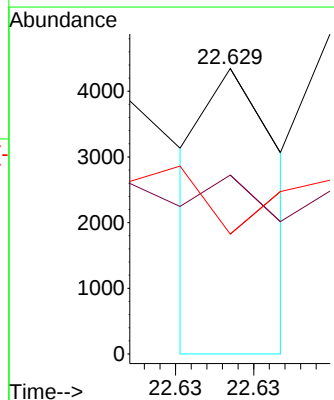
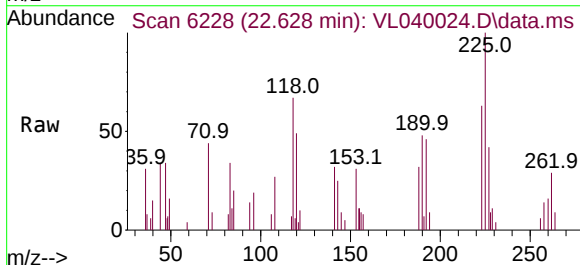
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

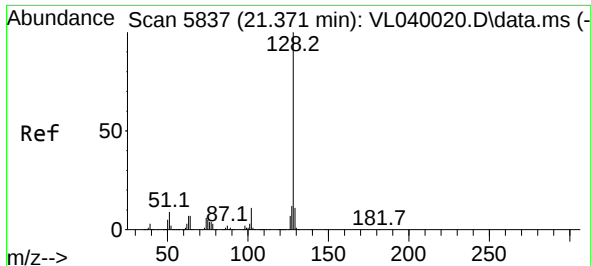
Tgt Ion:146 Resp: 6996
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.9#
148 140.1 31.9 95.9#



#78
Hexachloro-1,3-Butadiene
Concen: 0.012 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.010 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion:225 Resp: 1426
Ion Ratio Lower Upper
225 100
223 527.5 0.0 0.0#
227 0.0 0.0 0.0

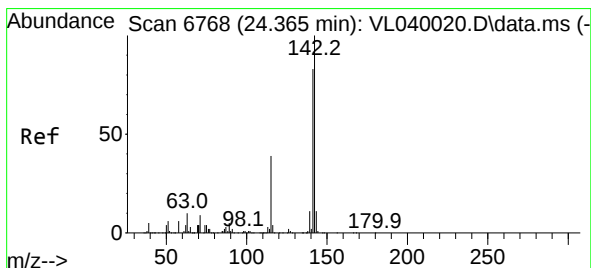
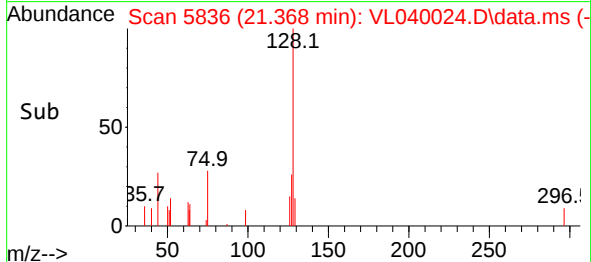
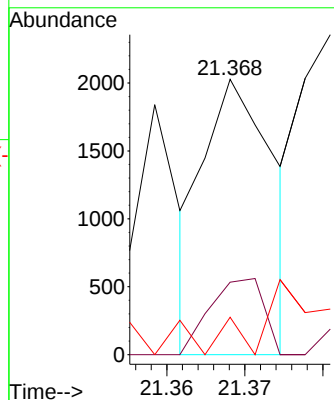
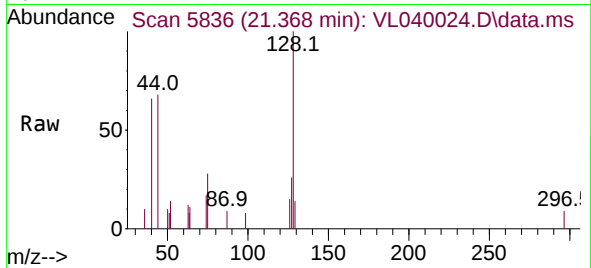




#79
Naphthalene
Concen: 0.007 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.003 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

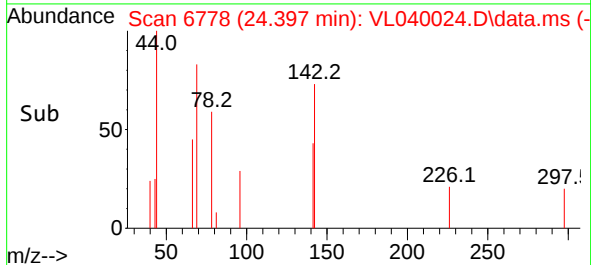
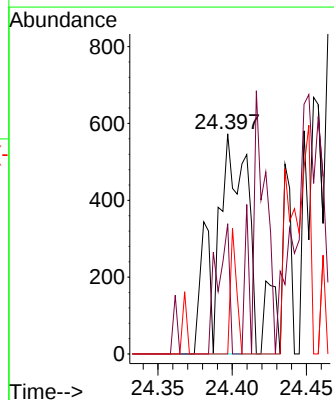
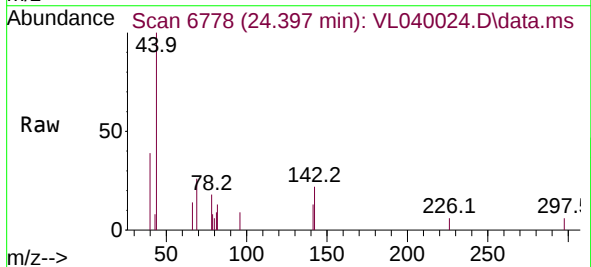
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

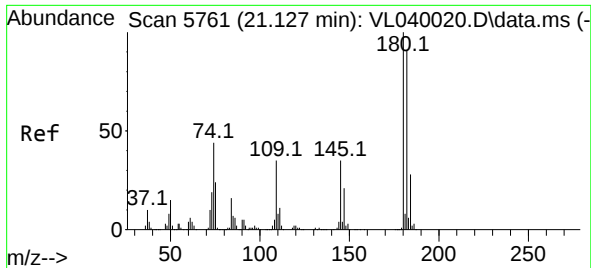
Tgt Ion:128 Resp: 1263
Ion Ratio Lower Upper
128 100
127 55.2 10.0 15.0#
129 2.3 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.017 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. 0.032 min
Lab File: VL040024.D
Acq: 19 Dec 2022 12:06

Tgt Ion:142 Resp: 946
Ion Ratio Lower Upper
142 100
141 20.5 65.3 97.9#
115 9.8 31.9 47.9#





#81

1,2,4-Trichlorobenzene

Concen: 0.007 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL040024.D

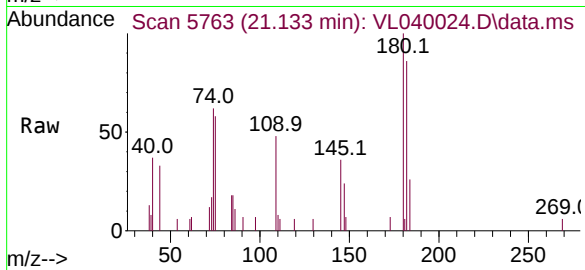
Acq: 19 Dec 2022 12:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:180 Resp: 812

Ion Ratio Lower Upper

180 100

182 0.0 76.6 115.0#

184 0.0 24.9 37.3#

