

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040283.D
 Acq On : 15 Mar 2023 14:07
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Mar 16 07:21:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1126884	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2802921	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2496934	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2112142	10.101	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	22331	0.101	ppbv	99
3) Chlorodifluoromethane	2.671	51	13383	0.094	ppbv	98
4) Chloromethane	2.816	50	7921	0.091	ppbv	92
5) Vinyl Chloride	2.922	62	5808	0.082	ppbv	98
6) Bromomethane	3.121	94	1551	0.063	ppbv	84
7) Chloroethane	3.195	64	2623	0.096	ppbv	91
8) Dichlorotetrafluoroethane	2.854	85	19139	0.101	ppbv	97
9) Propene	2.697	41	7364	0.136	ppbv	90
10) Heptane	7.587	43	2516	0.019	ppbv #	1
11) Trichlorofluoromethane	3.565	101	17553	0.088	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.066	101	13421	0.089	ppbv	87
13) Ethanol	3.266	45	557	0.140	ppbv #	37
14) Bromoethene	3.369	108	3174	0.057	ppbv #	22
15) Acetone	3.465	43	173	0.001	ppbv #	48
16) 1,3-Butadiene	2.986	39	5690	0.091	ppbv	91
17) tert-Butyl alcohol	3.912	59	8251	0.063	ppbv #	72
18) 1,1-Dichloroethene	3.883	96	5199	0.081	ppbv #	74
19) Isopropyl Alcohol	3.571	45	107	0.002	ppbv #	1
20) Methylene Chloride	3.934	84	7095	0.123	ppbv #	87
21) Allyl Chloride	3.996	41	3839	0.043	ppbv #	1
22) trans-1,2-Dichloroethene	4.439	96	1498	0.023	ppbv	84
23) Vinyl Acetate	4.626	43	258	0.007	ppbv #	1
24) 1,1-Dichloroethane	4.561	63	5764	0.042	ppbv #	92
25) Ethyl Acetate	5.224	43	12125	0.047	ppbv #	77
26) Hexane	5.217	57	7909	0.075	ppbv #	66
27) Carbon Disulfide	4.118	76	3066	0.021	ppbv #	1
28) Methyl tert-Butyl Ether	4.603	73	3710	0.031	ppbv #	53
29) Chloroform	5.275	83	10361	0.056	ppbv	87
30) Cyclohexane	6.616	84	1532	0.018	ppbv #	1
31) cis-1,2-Dichloroethene	5.086	61	701	0.007	ppbv #	41
32) 1,1,1-Trichloroethane	6.012	97	9813	0.055	ppbv #	37
34) 2-Butanone	4.777	43	168	0.001	ppbv #	53
35) Carbon Tetrachloride	6.497	117	15274	0.087	ppbv	89
36) Benzene	6.375	78	16861	0.079	ppbv	95
37) 1,2-Dichloroethane	5.812	62	9070	0.065	ppbv #	95
38) Trichloroethene	7.307	130	3110	0.027	ppbv	90
39) 1,2-Dichloropropane	7.082	63	7482	0.089	ppbv #	72
40) 1,4-Dioxane	7.320	88	218	0.007	ppbv #	1
41) Tetrahydrofuran	5.578	42	248	0.003	ppbv #	35
42) Bromodichloromethane	7.253	83	10617	0.056	ppbv	91
43) Methyl Methacrylate	7.497	69	3701	0.047	ppbv #	42
44) 2,2,4-Trimethylpentane	7.336	57	8117	0.023	ppbv #	42
45) t-1,3-Dichloropropene	8.712	75	1765	0.026	ppbv	96

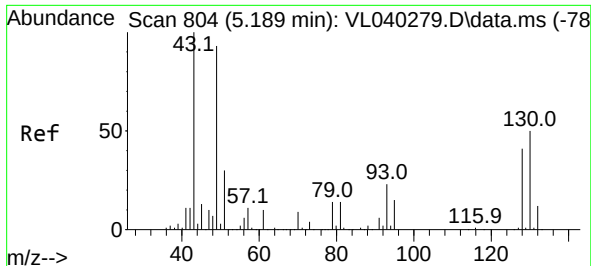
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040283.D
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Instrument :
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 ClientSampleId :
 VSTDIC0.1

Quant Time: Mar 16 07:21:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1782	0.018	ppbv #	51
47) 1,1,2-Trichloroethane	8.902	97	3555	0.040	ppbv	93
48) Dibromochloromethane	9.719	129	1464	0.010	ppbv #	10
49) Bromoform	12.423	173	3569	0.032	ppbv #	41
50) 4-Methyl-2-Pentanone	8.185	43	145	0.001	ppbv #	38
51) 2-Hexanone	9.571	43	482	0.003	ppbv #	30
52) Tetrachloroethene	10.626	164	3902	0.060	ppbv #	54
53) Toluene	9.240	91	4339	0.019	ppbv #	1
54) 1,2-Dibromoethane	10.018	107	3240	0.035	ppbv #	39
56) 1,1,1,2-Tetrachloroethane	11.519	131	3887	0.037	ppbv #	1
57) Chlorobenzene	11.532	112	9179	0.052	ppbv #	51
58) Ethyl Benzene	12.108	91	4000	0.014	ppbv	97
59) m/p-Xylene	12.375	91	7602	0.029	ppbv #	33
60) o-Xylene	13.076	91	3666	0.015	ppbv #	1
61) Styrene	12.912	104	2536	0.020	ppbv #	13
62) Isopropylbenzene	14.043	105	15475	0.044	ppbv #	72
63) 1,1,2,2-Tetrachloroethane	13.053	83	1821	0.021	ppbv #	1
64) n-propylbenzene	15.217	120	680	0.008	ppbv	66
65) tert-Butylbenzene	16.104	119	5863	0.019	ppbv #	1
66) Benzyl Chloride	16.352	91	274	0.014	ppbv #	69
67) sec-Butylbenzene	16.641	105	4091	0.009	ppbv #	60
69) p-Isopropyltoluene	17.008	119	2368	0.007	ppbv #	46
70) n-Butylbenzene	17.899	91	4840	0.013	ppbv #	33
71) 2-Chlorotoluene	14.815	91	13217	0.049	ppbv	91
72) 4-Ethyltoluene	15.204	105	2741	0.010	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.358	105	5544	0.022	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.117	105	1558	0.006	ppbv #	68
75) 1,3-Dichlorobenzene	16.339	146	1168	0.008	ppbv #	1
76) 1,4-Dichlorobenzene	16.481	146	2165	0.015	ppbv #	1
77) 1,2-Dichlorobenzene	17.159	146	2834	0.019	ppbv #	35
78) Hexachloro-1,3-Butadiene	22.651	225	1095	0.010	ppbv #	18
79) Naphthalene	21.400	128	793	0.005	ppbv #	65
80) Naphthalene,2-methyl-	24.525	142	101	0.002	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.149	180	1157	0.011	ppbv #	12

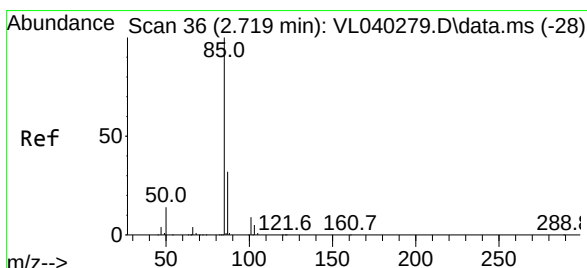
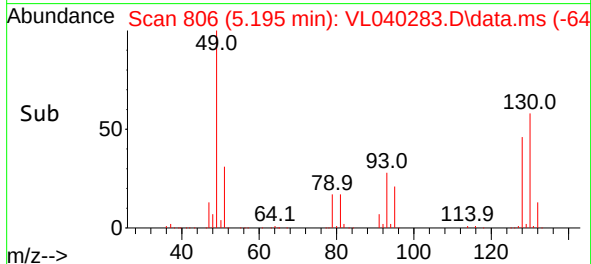
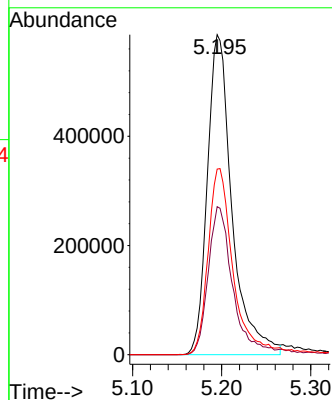
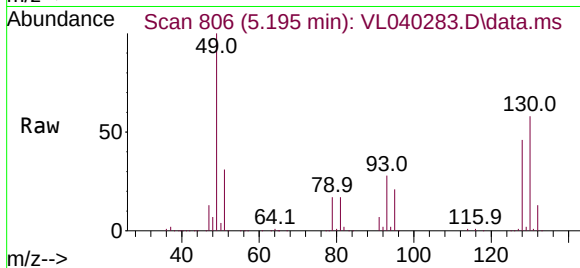
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

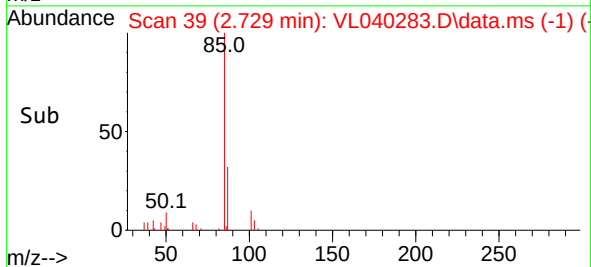
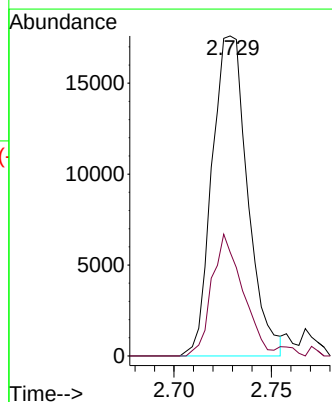
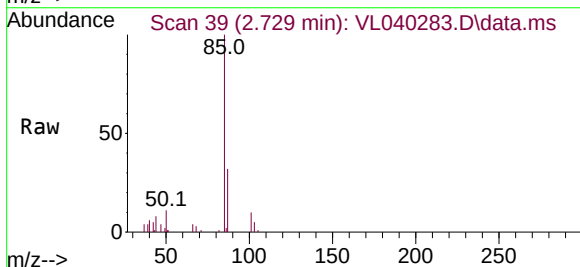
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MSVOA_1
ClientSampleId :
VSTDICC0.1

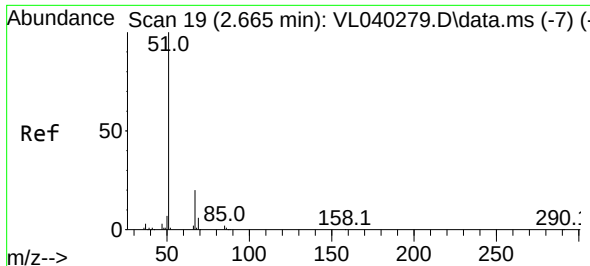
Tgt Ion: 49 Resp: 1126884
Ion Ratio Lower Upper
49 100
128 48.2 22.4 67.3
130 61.6 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 0.101 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.009 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 85 Resp: 22331
Ion Ratio Lower Upper
85 100
87 32.4 25.5 38.3

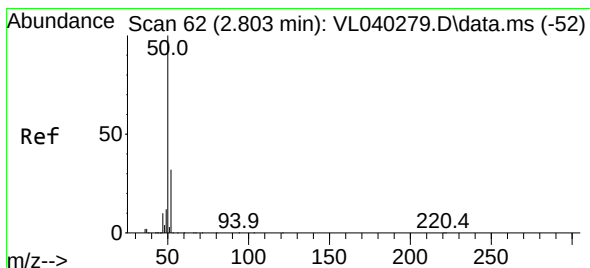
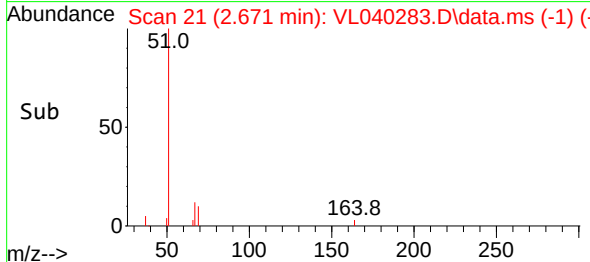
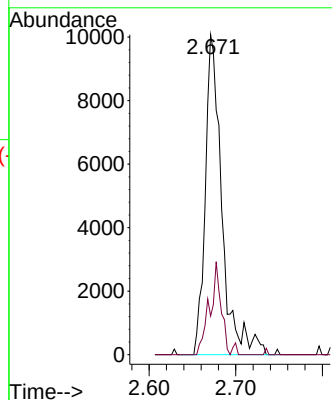
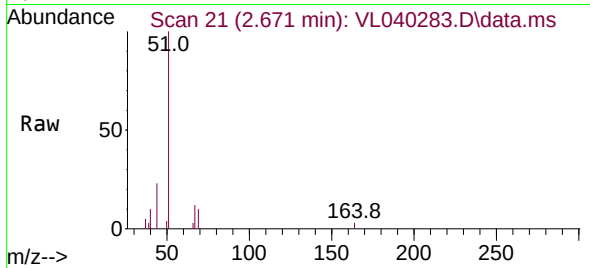




#3
Chlorodifluoromethane
Concen: 0.094 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

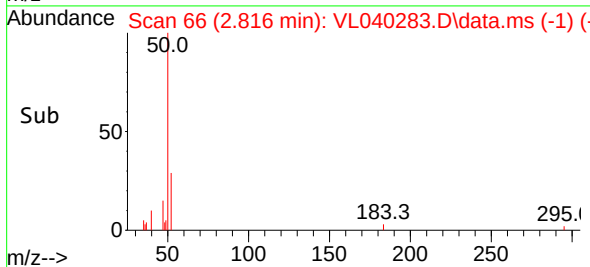
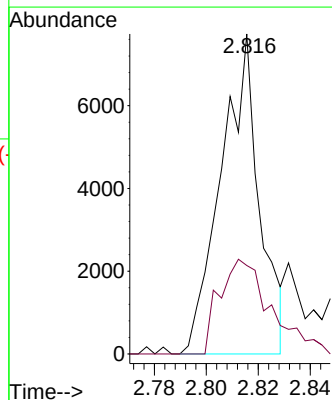
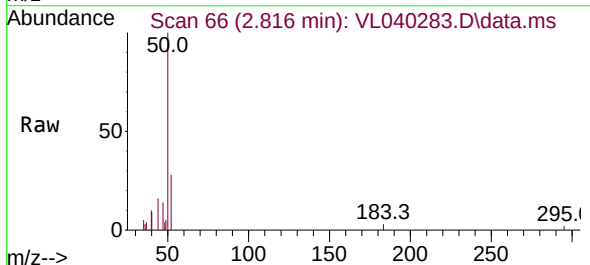
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ClientSampleId :
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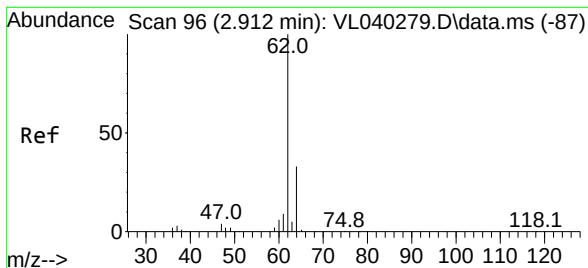
Tgt Ion: 51 Resp: 13383
Ion Ratio Lower Upper
51 100
67 20.7 16.0 24.0



#4
Chloromethane
Concen: 0.091 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.013 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 50 Resp: 7921
Ion Ratio Lower Upper
50 100
52 27.7 25.9 38.9

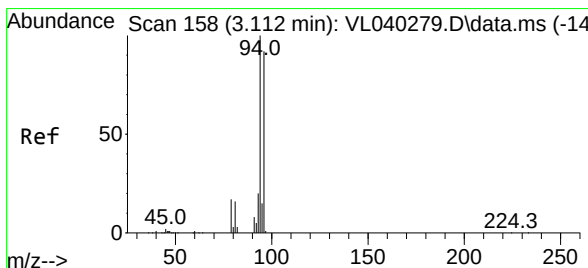
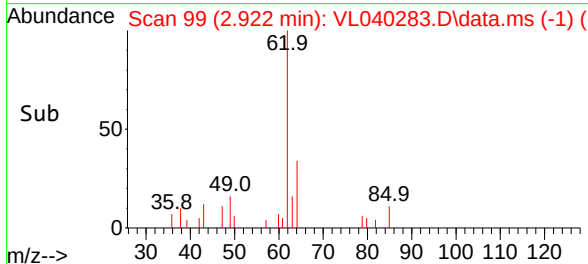
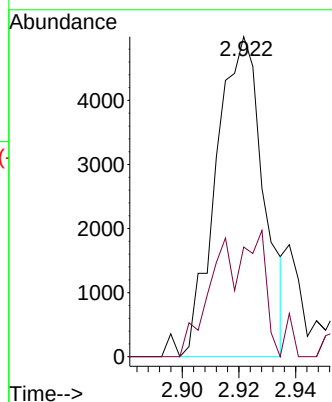
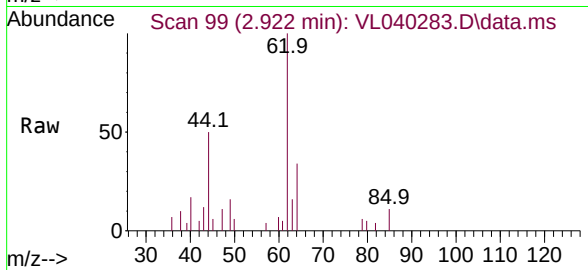




#5
 Vinyl Chloride
 Concen: 0.082 ppbv
 RT: 2.922 min Scan# 91
 Delta R.T. 0.009 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

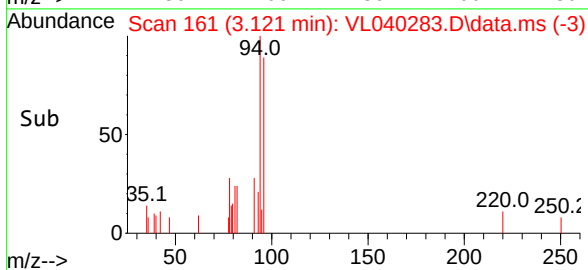
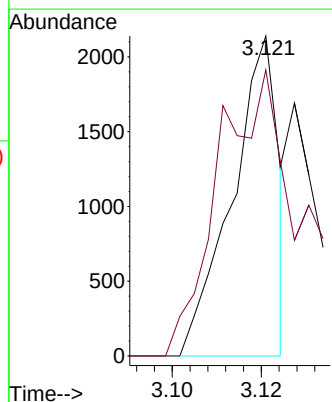
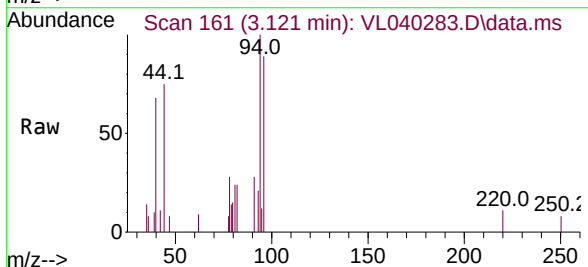
Instrument :
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 ClientSampleId :
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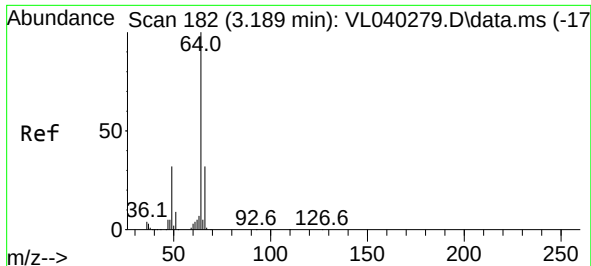
Tgt Ion: 62 Resp: 5808
 Ion Ratio Lower Upper
 62 100
 64 34.3 26.4 39.6



#6
 Bromomethane
 Concen: 0.063 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.009 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

Tgt Ion: 94 Resp: 1551
 Ion Ratio Lower Upper
 94 100
 96 77.0 73.7 110.5

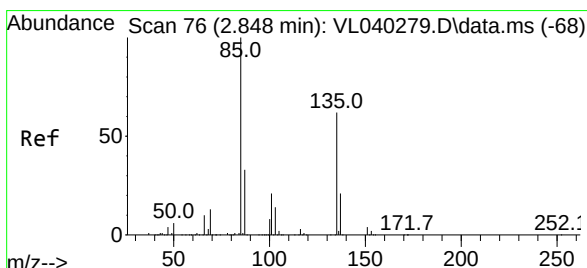
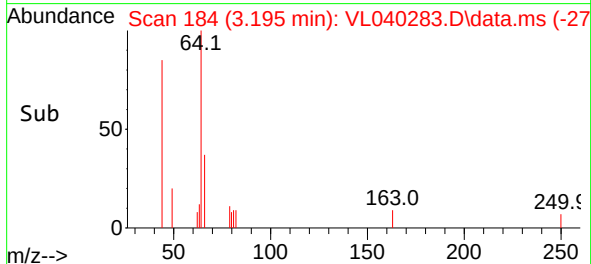
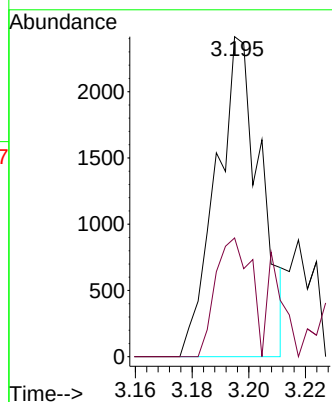
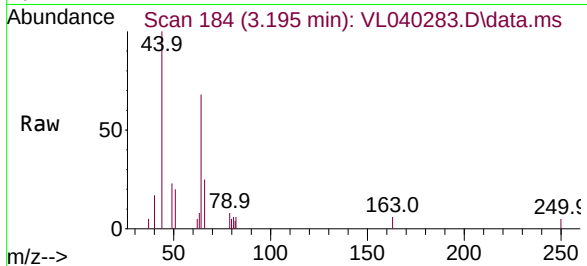




#7
Chloroethane
Concen: 0.096 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

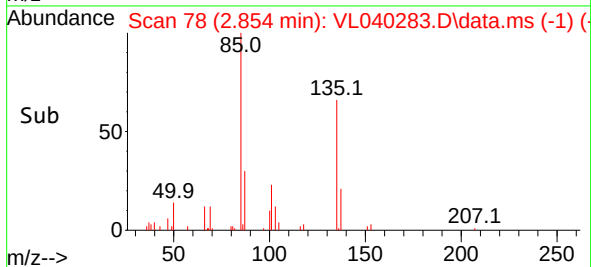
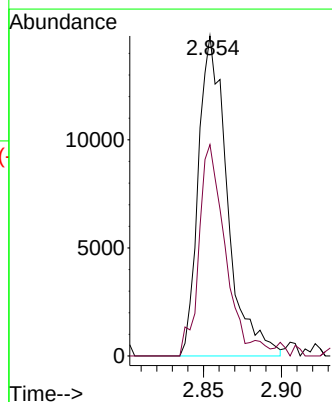
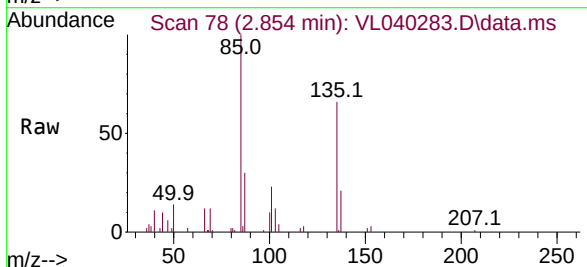
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ClientSampleId :
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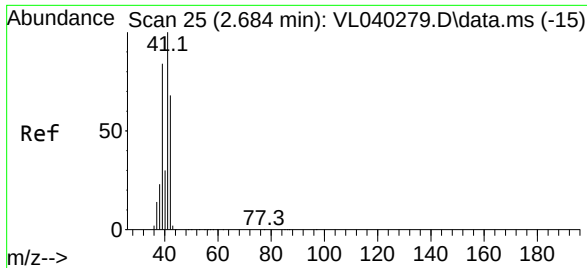
Tgt Ion: 64 Resp: 2623
Ion Ratio Lower Upper
64 100
66 37.1 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 0.101 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 85 Resp: 19139
Ion Ratio Lower Upper
85 100
135 62.7 52.0 78.0

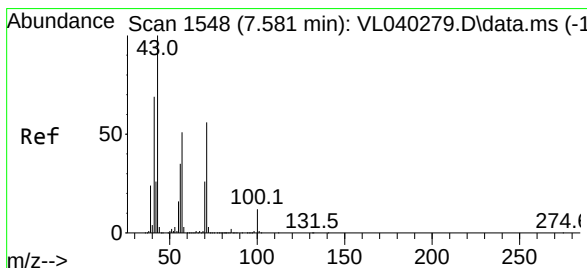
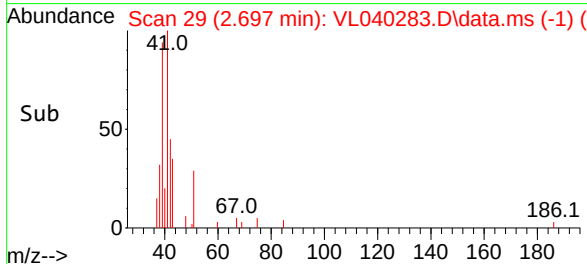
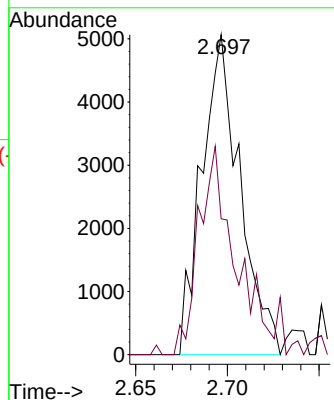
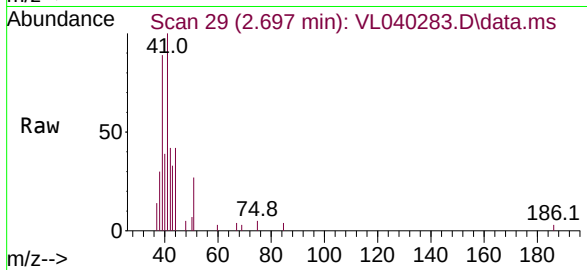




#9
 Propene
 Concen: 0.136 ppbv
 RT: 2.697 min Scan# 24
 Delta R.T. 0.013 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

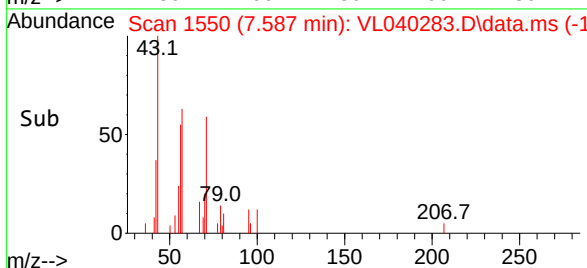
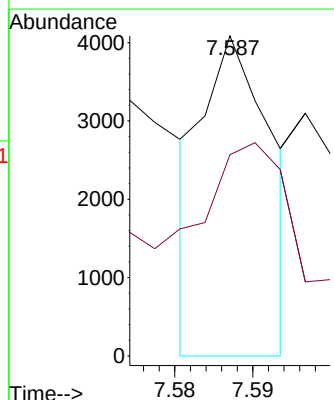
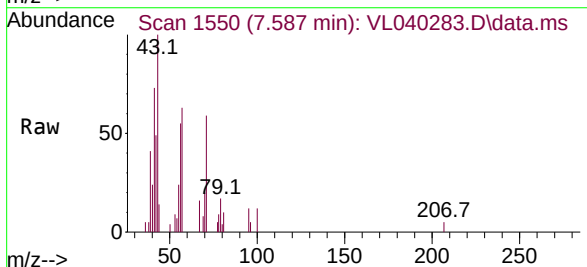
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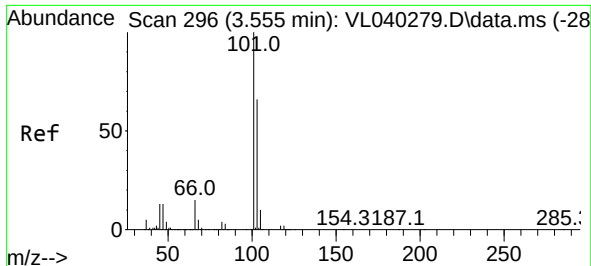
Tgt Ion: 41 Resp: 7364
 Ion Ratio Lower Upper
 41 100
 42 65.3 59.0 88.4



#10
 Heptane
 Concen: 0.019 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

Tgt Ion: 43 Resp: 2516
 Ion Ratio Lower Upper
 43 100
 57 183.0 41.7 62.5

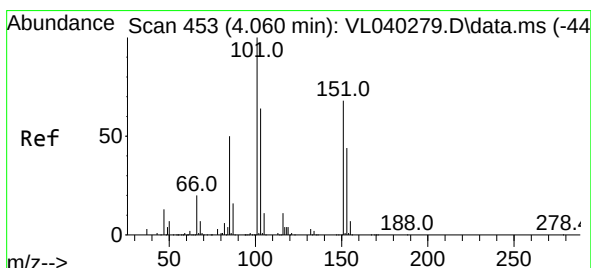
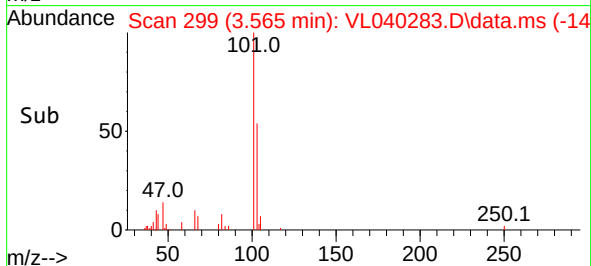
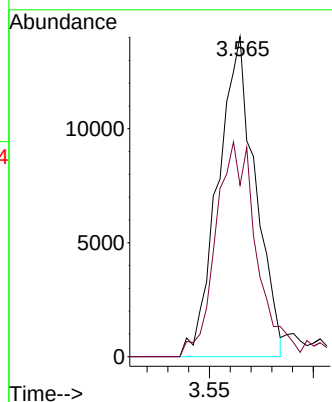
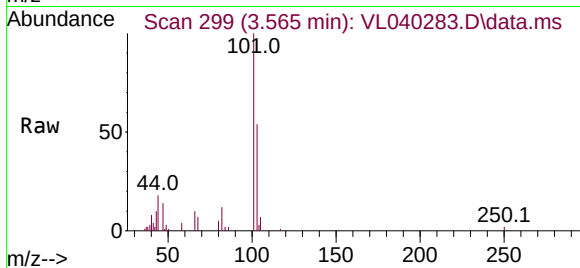




#11
 Trichlorofluoromethane
 Concen: 0.088 ppbv
 RT: 3.565 min Scan# 296
 Delta R.T. 0.010 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

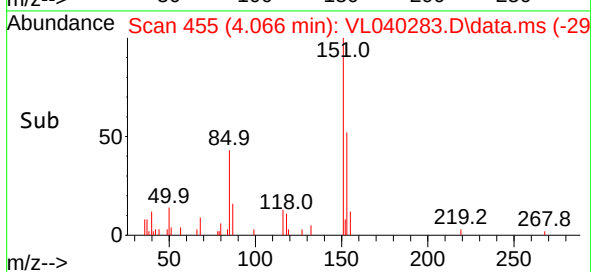
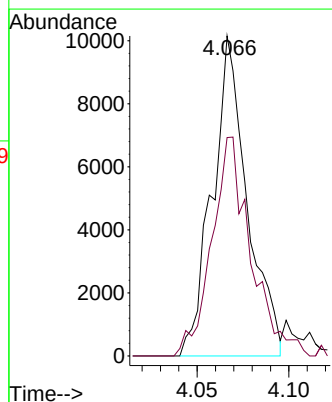
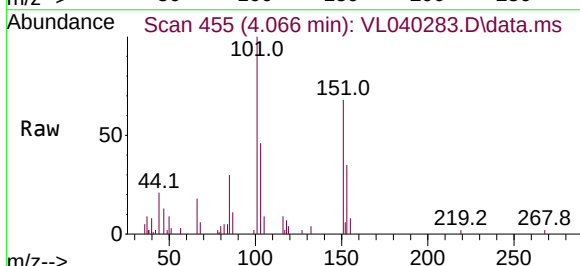
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 ClientSampleId :
 VSTDIC0.1

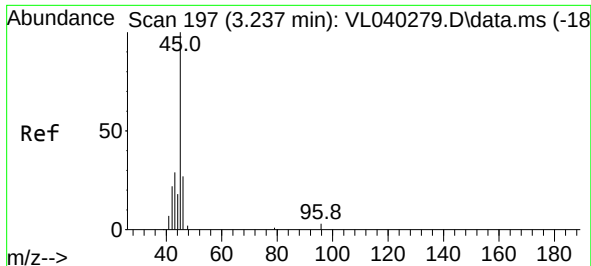
Tgt Ion:101 Resp: 17553
 Ion Ratio Lower Upper
 101 100
 103 53.6 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.089 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.006 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

Tgt Ion:101 Resp: 13421
 Ion Ratio Lower Upper
 101 100
 151 76.7 53.2 79.8

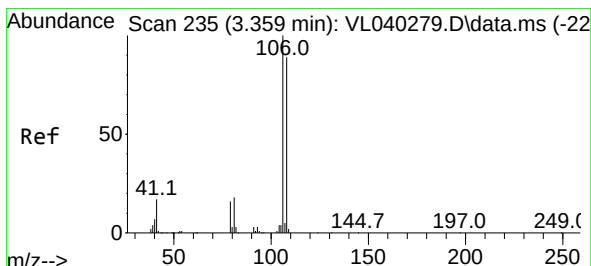
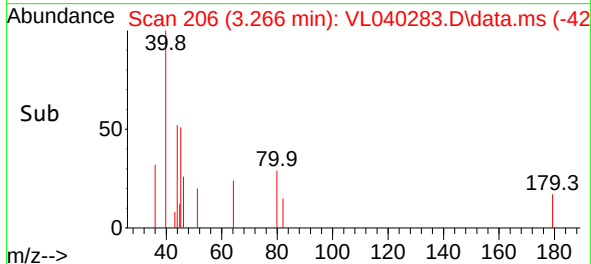
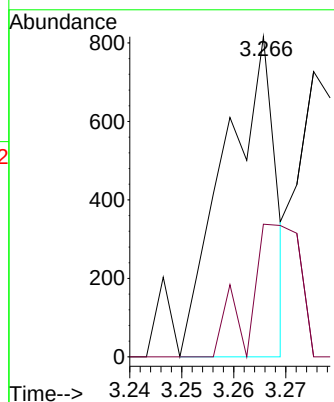
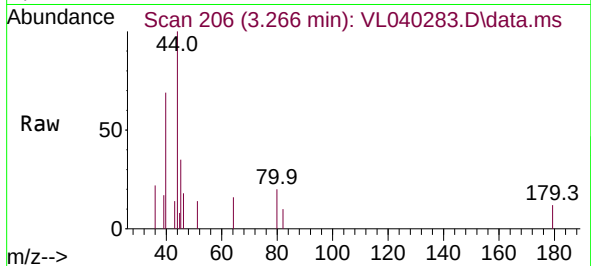




#13
Ethanol
Concen: 0.140 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.029 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

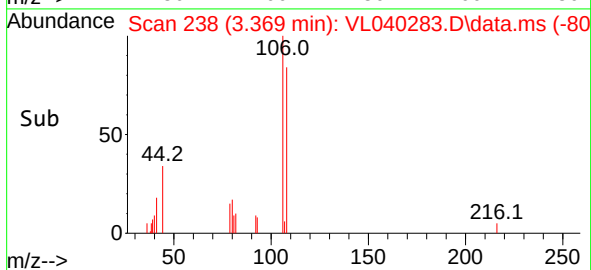
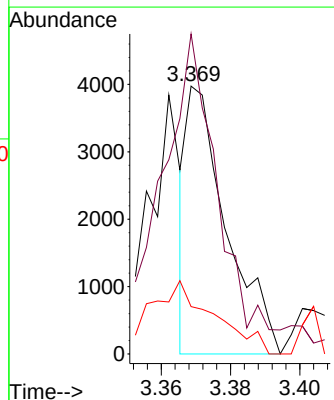
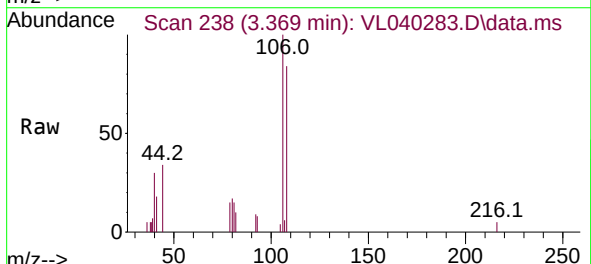
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

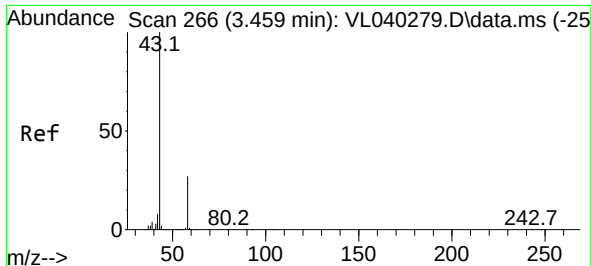
Tgt Ion: 45 Resp: 557
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.2#



#14
Bromoethene
Concen: 0.057 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.009 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 108 Resp: 3174
Ion Ratio Lower Upper
108 100
106 190.3 85.8 128.8#
79 50.1 15.8 23.6#

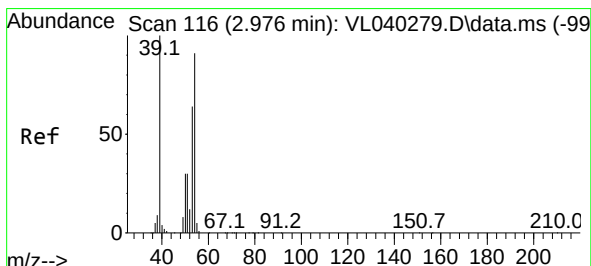
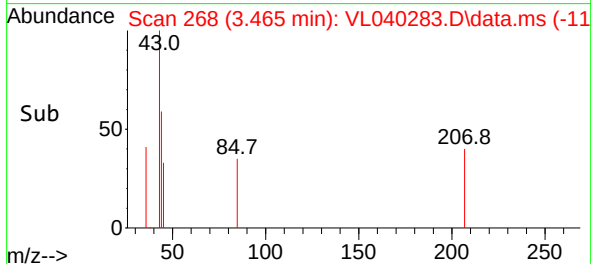
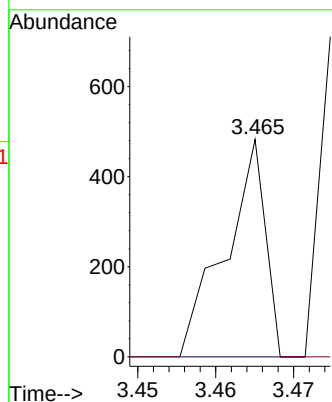
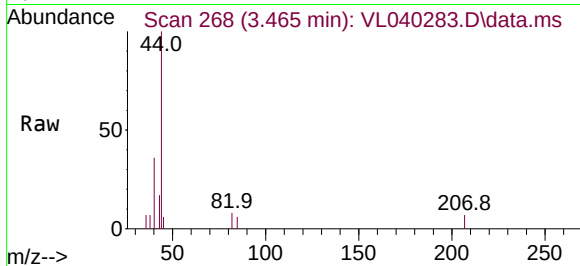




#15
Acetone
Concen: 0.001 ppbv
RT: 3.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

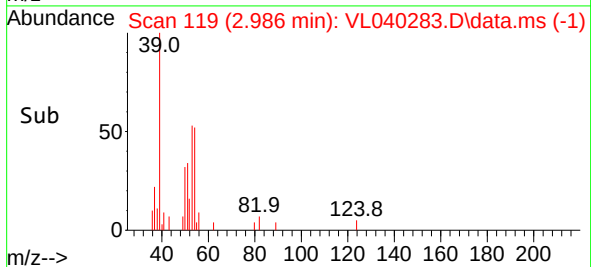
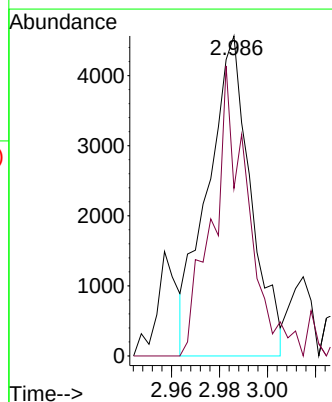
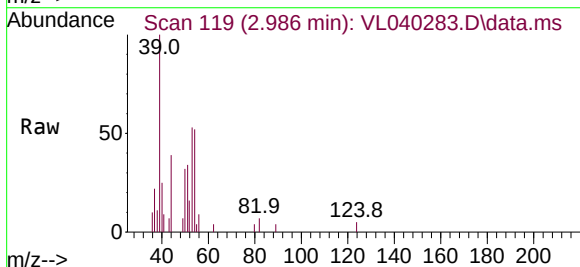
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

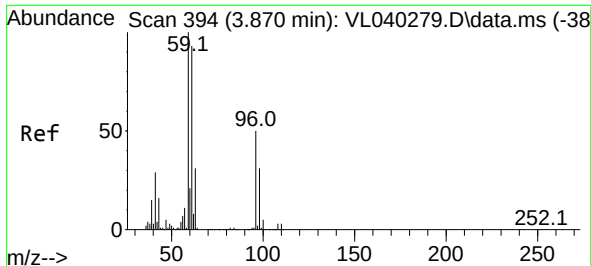
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.8#



#16
1,3-Butadiene
Concen: 0.091 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.009 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 39 Resp: 5690
Ion Ratio Lower Upper
39 100
54 77.4 68.4 102.6

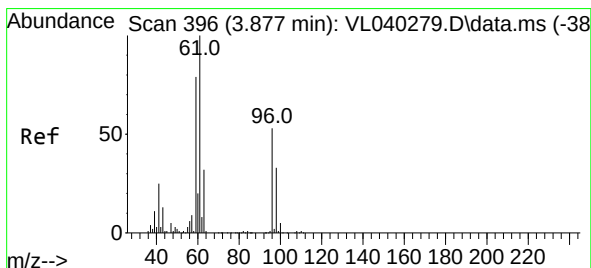
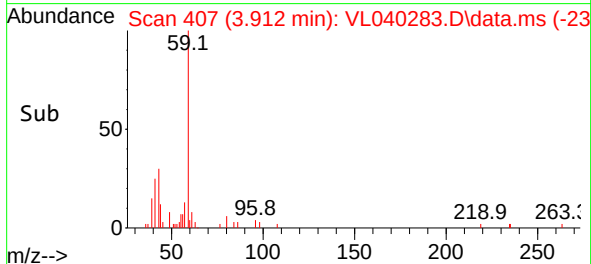
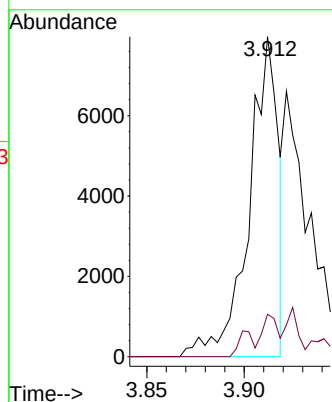
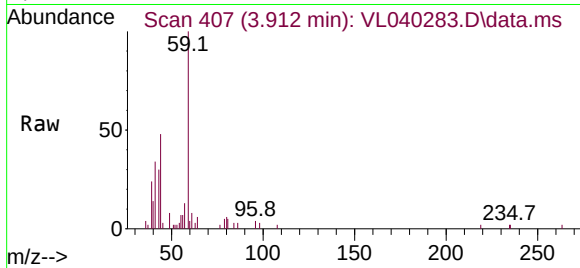




#17
tert-Butyl alcohol
Concen: 0.063 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.042 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

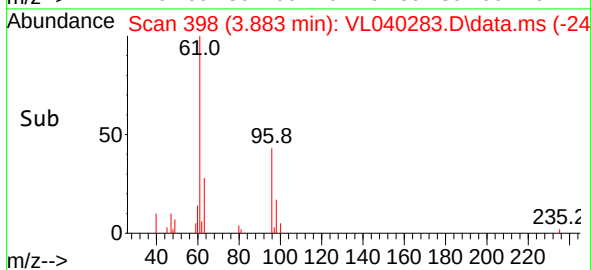
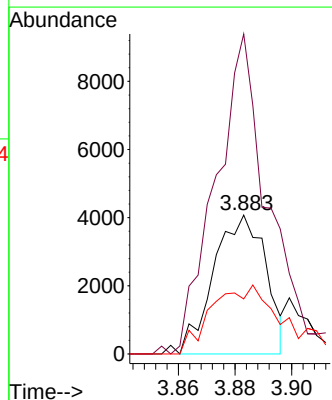
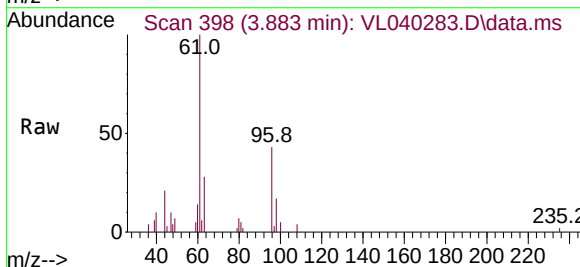
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

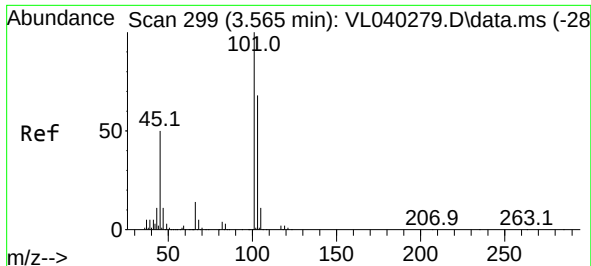
Tgt Ion: 59 Resp: 8251
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
1,1-Dichloroethene
Concen: 0.081 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 96 Resp: 5199
Ion Ratio Lower Upper
96 100
61 224.8 150.6 226.0
98 39.6 50.3 75.5#





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.006 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

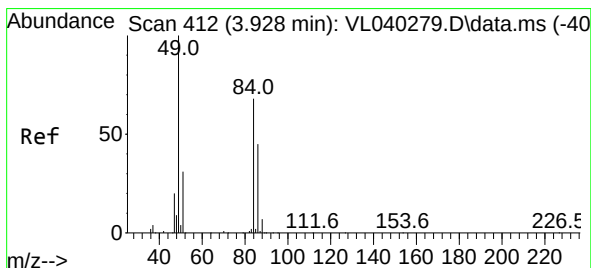
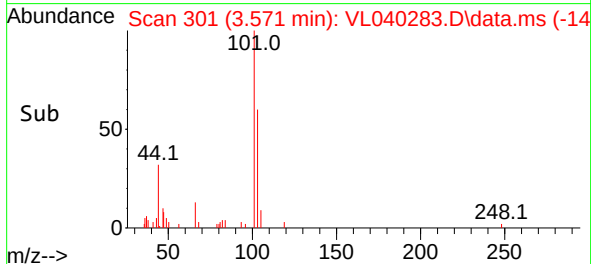
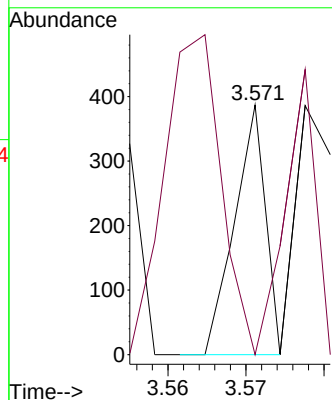
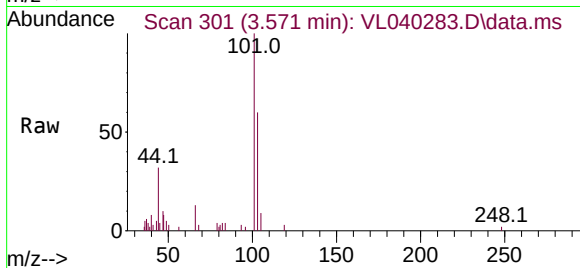
VSTDIC0.1

Tgt Ion: 45 Resp: 107

Ion Ratio Lower Upper

45 100

58 488.8 2.7 4.1#



#20

Methylene Chloride

Concen: 0.123 ppbv

RT: 3.934 min Scan# 414

Delta R.T. 0.006 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Tgt Ion: 84 Resp: 7095

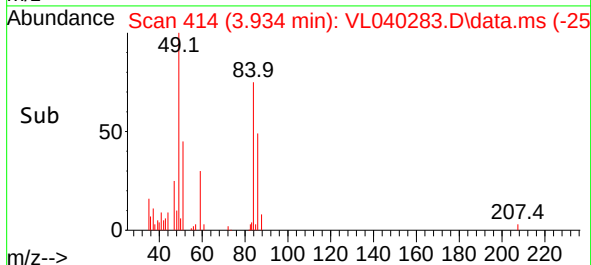
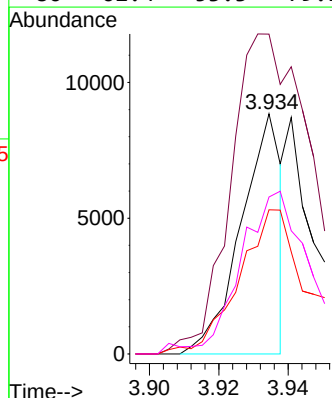
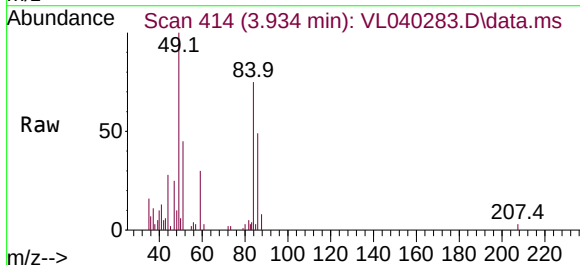
Ion Ratio Lower Upper

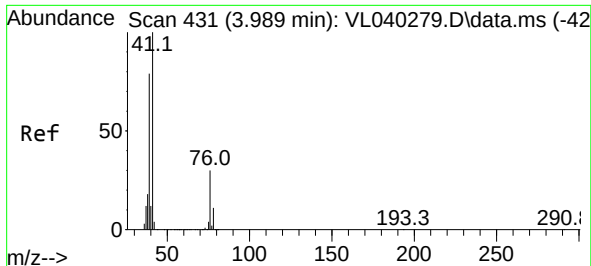
84 100

49 127.3 117.5 176.3

51 57.1 36.9 55.3#

86 62.4 53.3 79.9





#21

Allyl Chloride

Concen: 0.043 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

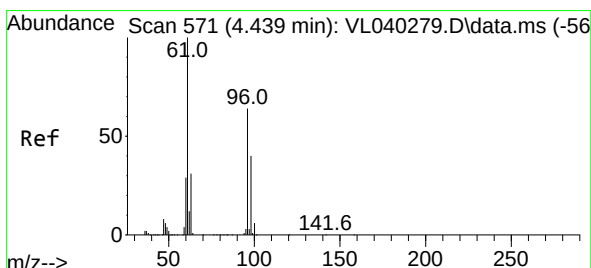
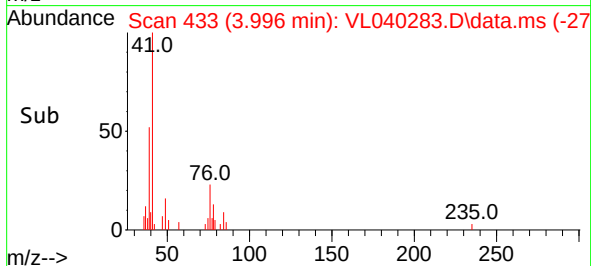
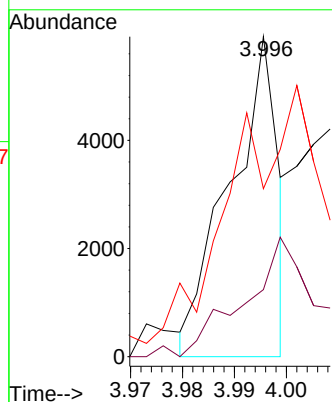
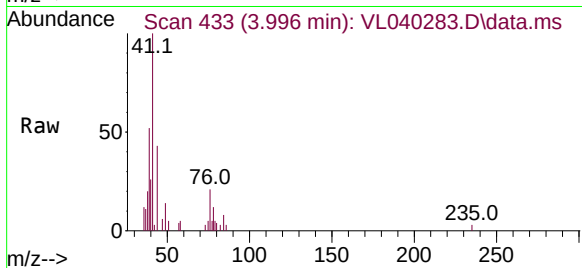
Tgt Ion: 41 Resp: 3839

Ion Ratio Lower Upper

41 100

76 67.4 25.4 38.0#

39 215.9 65.4 98.2#



#22

trans-1,2-Dichloroethene

Concen: 0.023 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.000 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

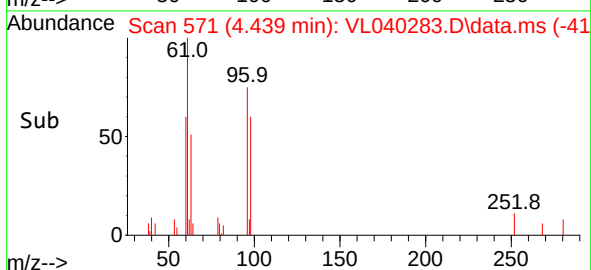
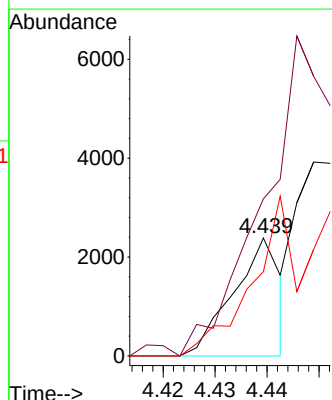
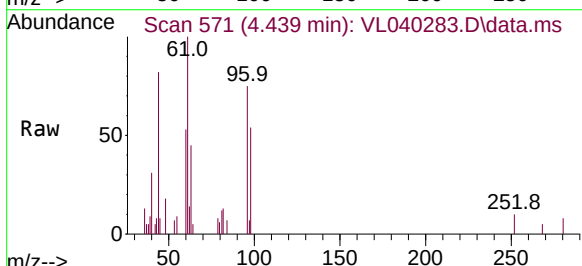
Tgt Ion: 96 Resp: 1498

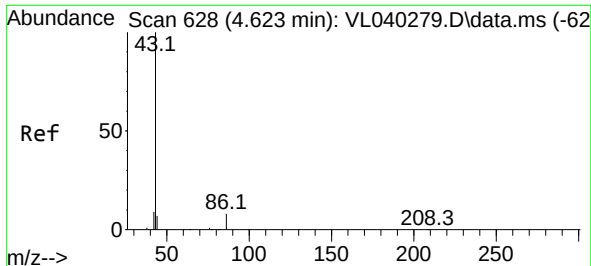
Ion Ratio Lower Upper

96 100

61 133.3 125.4 188.2

98 71.5 49.8 74.6

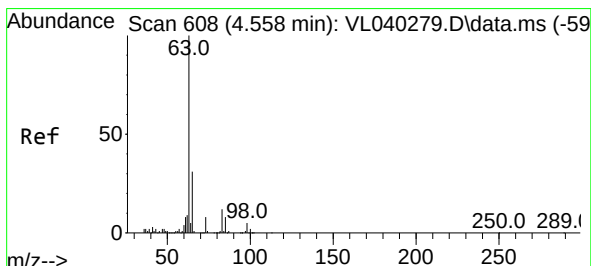
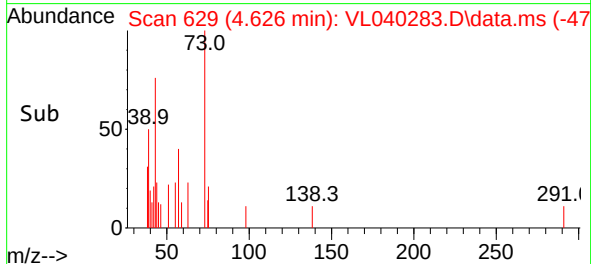
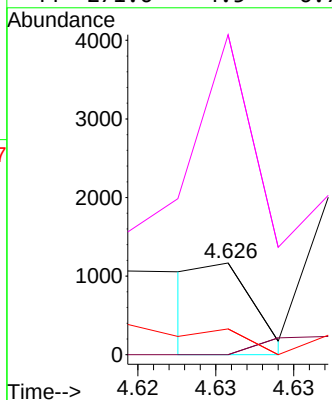
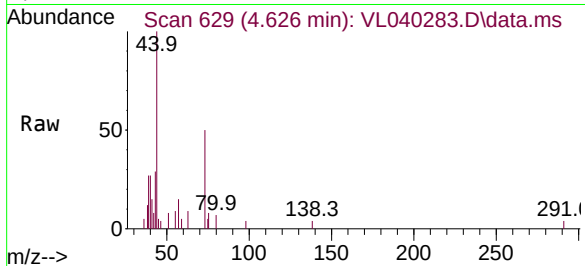




#23
 Vinyl Acetate
 Concen: 0.007 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

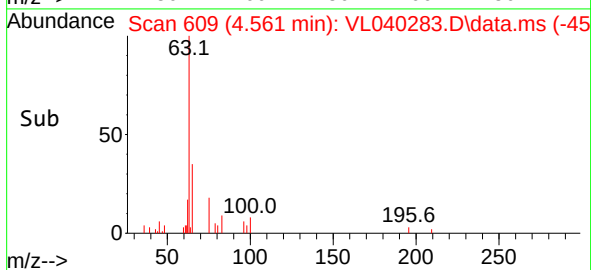
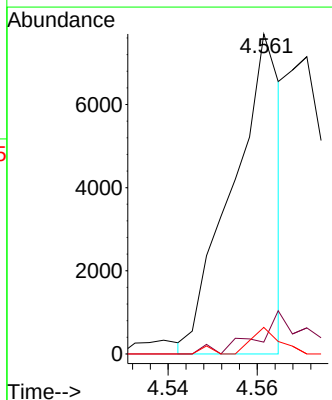
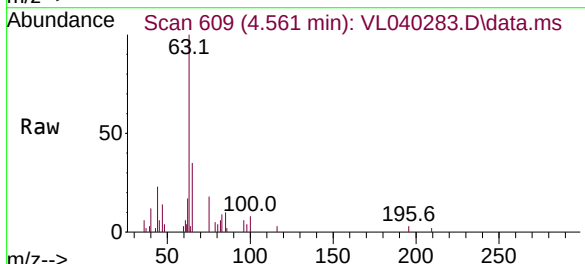
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

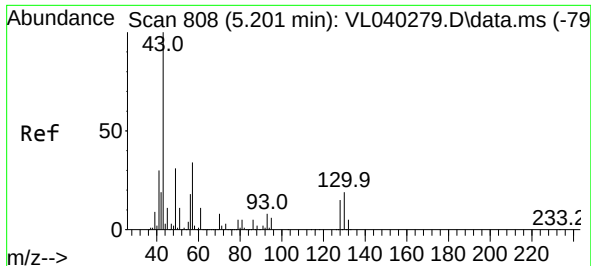
Tgt Ion:	43	Resp:	258
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	32.8	9.1	13.7#
44	271.6	4.5	6.7#



#24
 1,1-Dichloroethane
 Concen: 0.042 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

Tgt Ion:	63	Resp:	5764
Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.4	7.2
100	8.6	1.2	3.6#

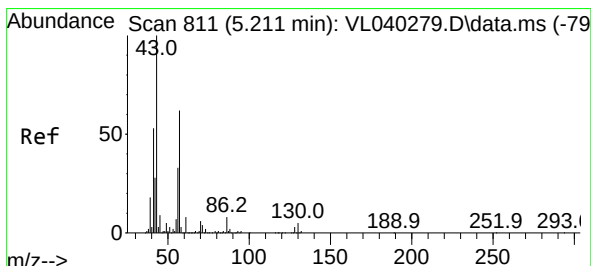
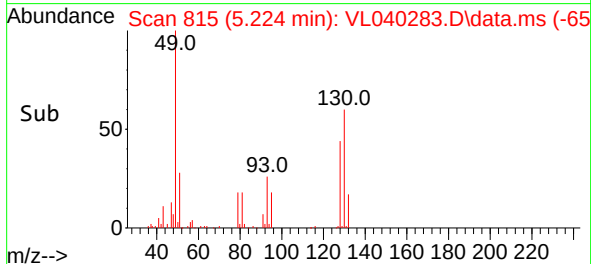
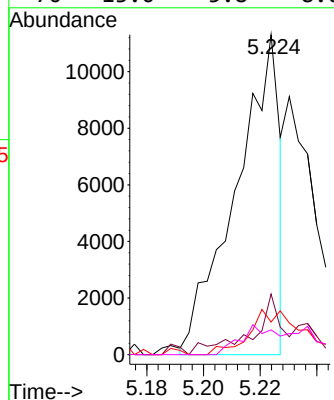
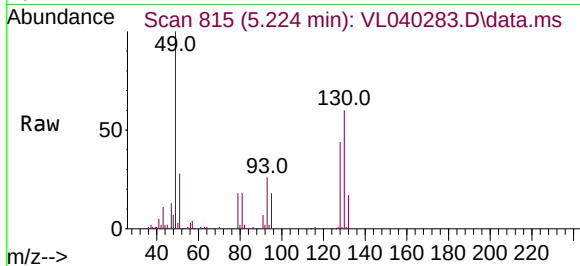




#25
Ethyl Acetate
Concen: 0.047 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.022 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

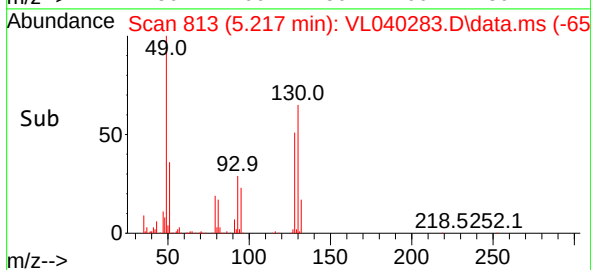
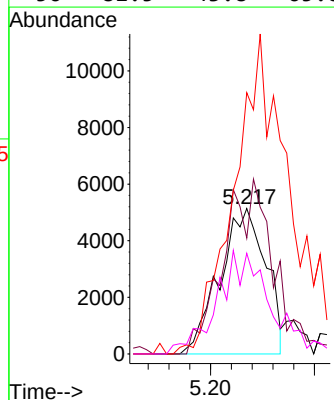
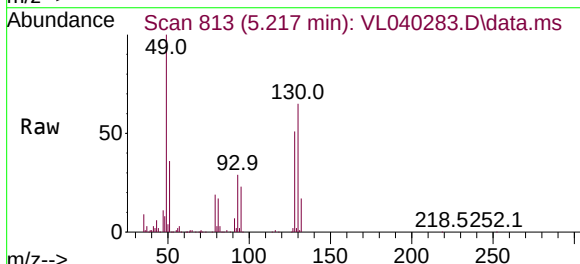
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

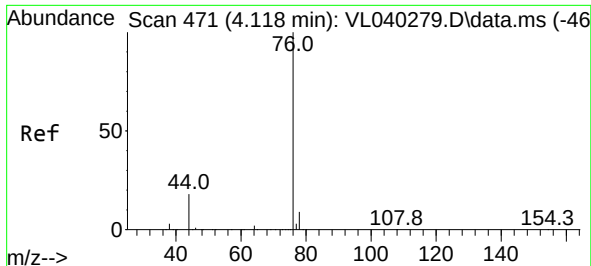
Tgt Ion:	43	Resp:	12125
Ion	Ratio	Lower	Upper
43	100		
45	20.8	8.6	12.8#
61	19.4	8.4	12.6#
70	13.0	5.8	8.6#



#26
Hexane
Concen: 0.075 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion:	57	Resp:	7909
Ion	Ratio	Lower	Upper
57	100		
41	137.4	73.5	110.3#
43	294.8	196.3	294.5#
56	81.5	43.8	65.8#





#27

Carbon Disulfide

Concen: 0.021 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

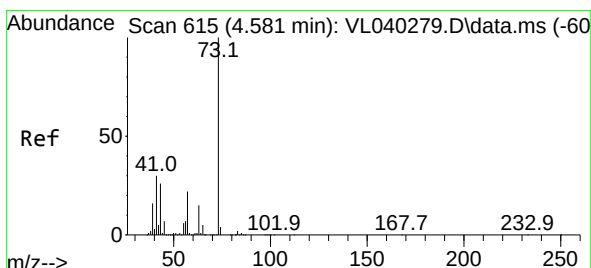
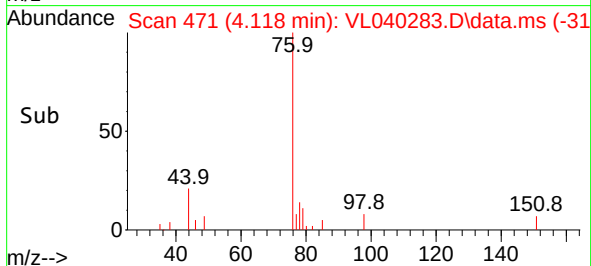
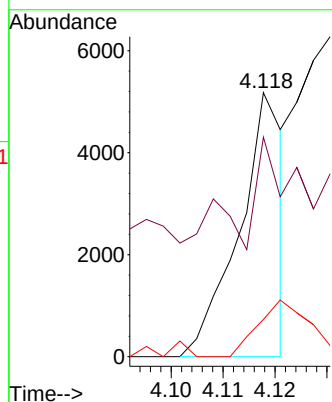
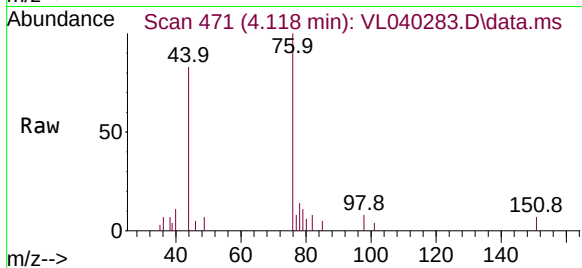
Tgt Ion: 76 Resp: 3066

Ion Ratio Lower Upper

76 100

44 91.5 15.2 22.8#

78 47.5 7.6 11.4#



#28

Methyl tert-Butyl Ether

Concen: 0.031 ppbv

RT: 4.603 min Scan# 622

Delta R.T. 0.022 min

Lab File: VL040283.D

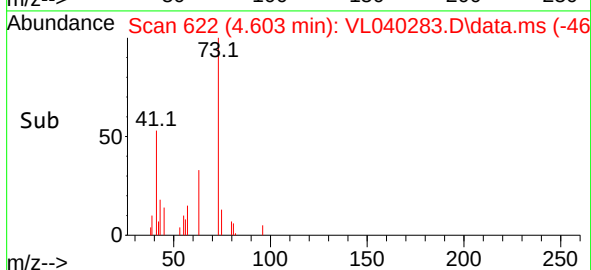
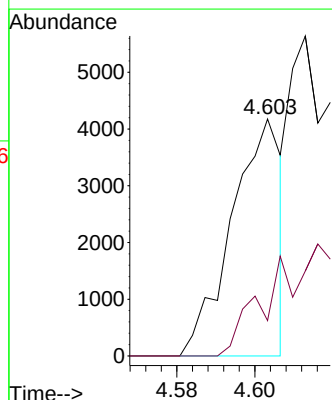
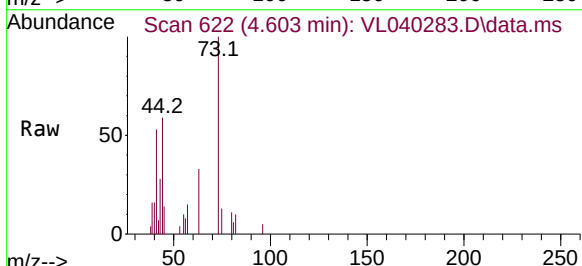
Acq: 15 Mar 2023 14:07

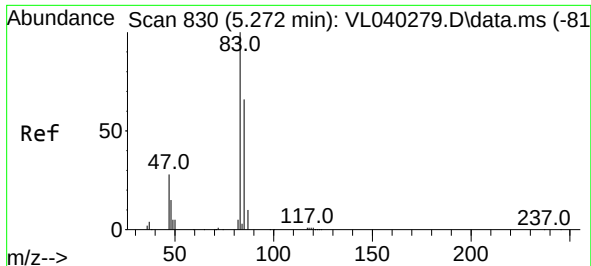
Tgt Ion: 73 Resp: 3710

Ion Ratio Lower Upper

73 100

57 0.0 18.4 27.6#





#29

Chloroform

Concen: 0.056 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

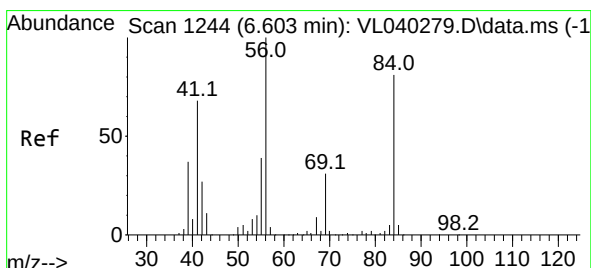
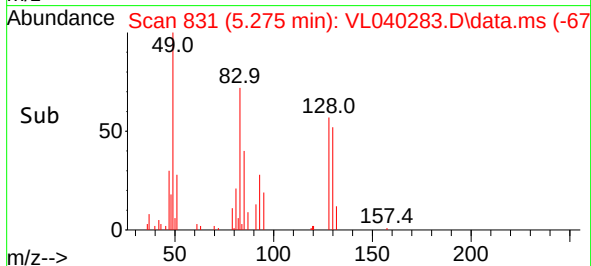
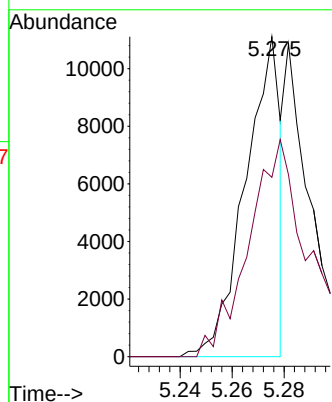
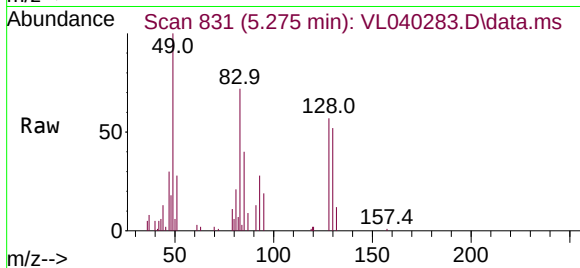
VSTDICC0.1

Tgt Ion: 83 Resp: 10361

Ion Ratio Lower Upper

83 100

85 56.0 52.8 79.2



#30

Cyclohexane

Concen: 0.018 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.013 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

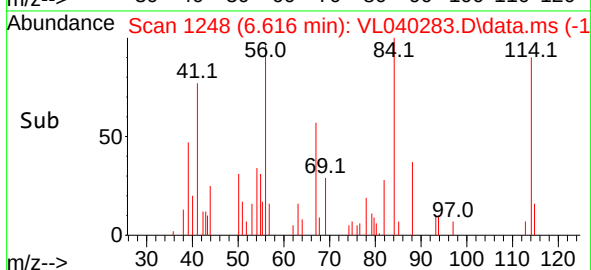
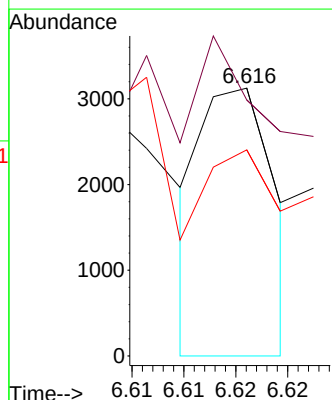
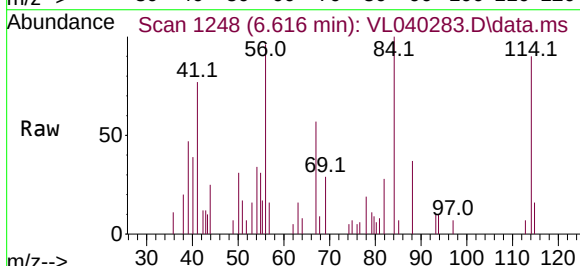
Tgt Ion: 84 Resp: 1532

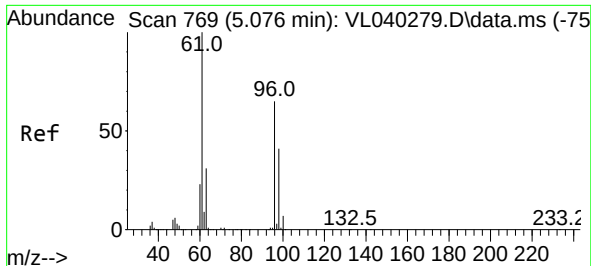
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

41 0.0 67.9 101.9#

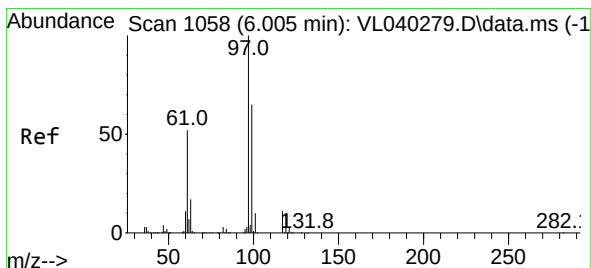
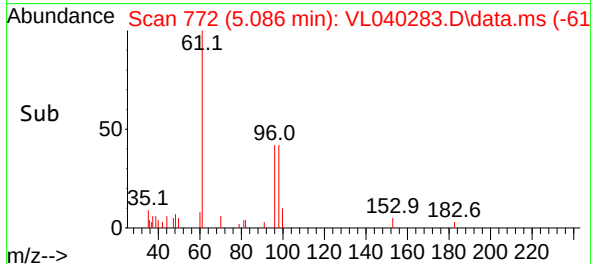
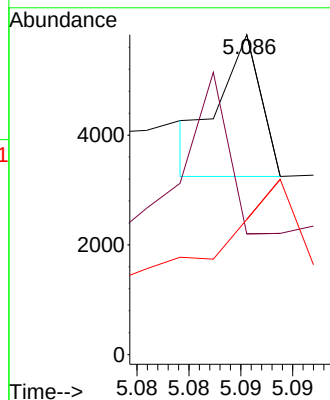
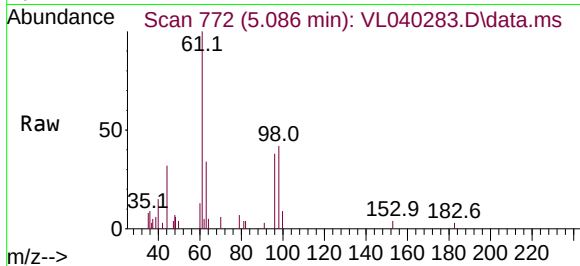




#31
 cis-1,2-Dichloroethene
 Concen: 0.007 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.009 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

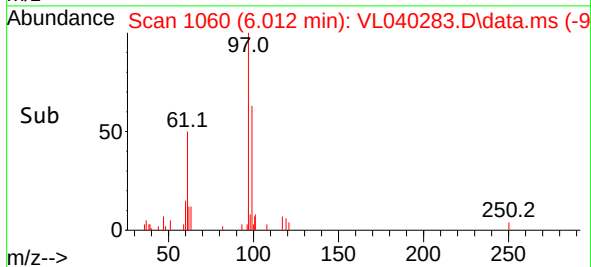
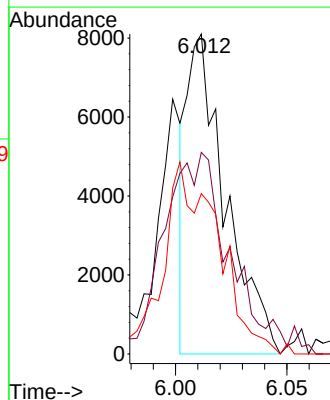
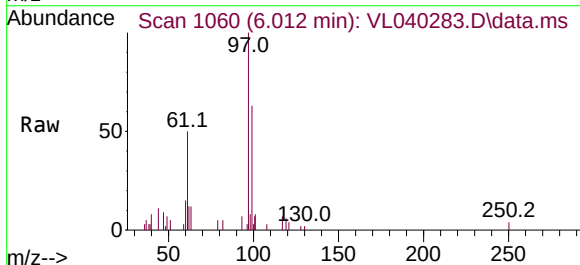
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

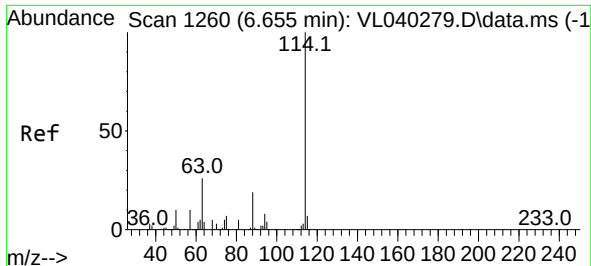
Tgt Ion: 61 Resp: 701
 Ion Ratio Lower Upper
 61 100
 96 0.0 51.8 77.8#
 98 26.6 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.055 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.006 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

Tgt Ion: 97 Resp: 9813
 Ion Ratio Lower Upper
 97 100
 99 107.6 52.2 78.2#
 61 0.0 41.4 62.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

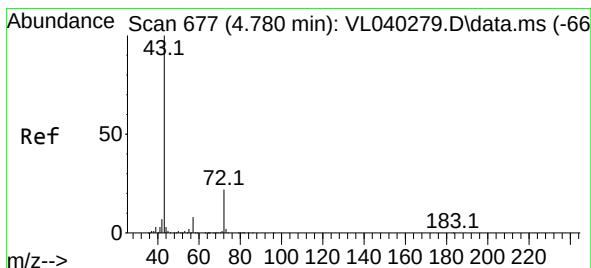
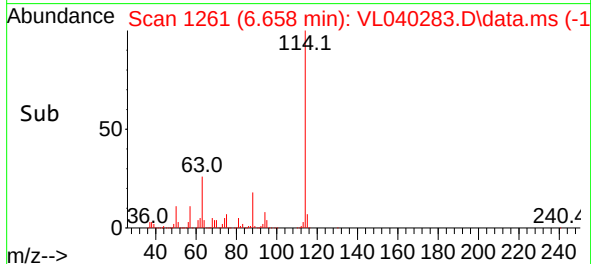
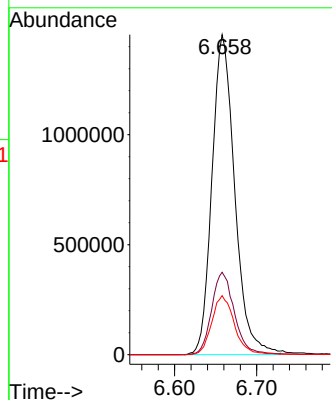
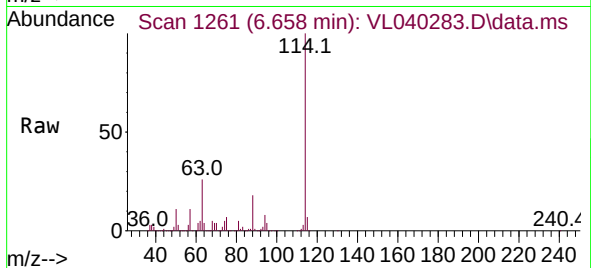
Tgt Ion:114 Resp: 2802921

Ion Ratio Lower Upper

114 100

63 26.0 21.2 31.8

88 18.5 14.5 21.7



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.003 min

Lab File: VL040283.D

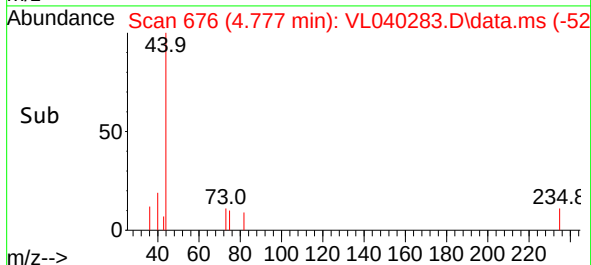
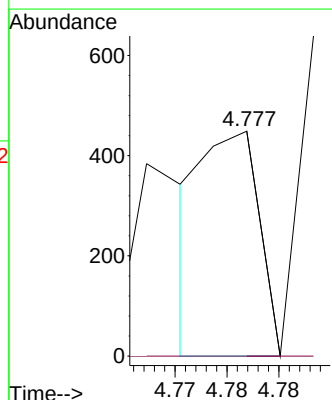
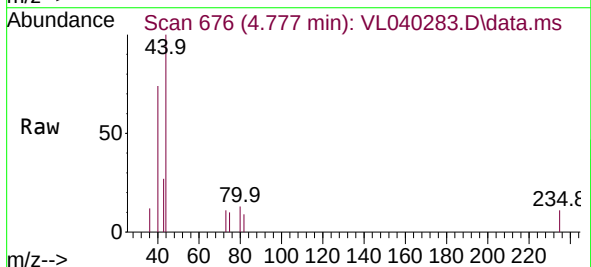
Acq: 15 Mar 2023 14:07

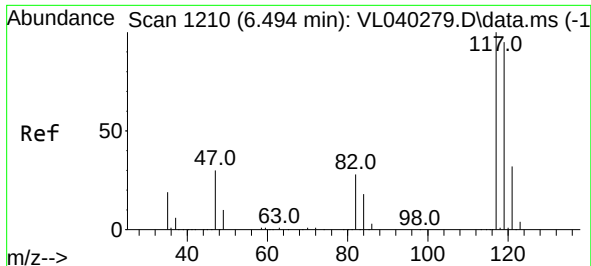
Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

43 100

72 0.0 18.3 27.5#

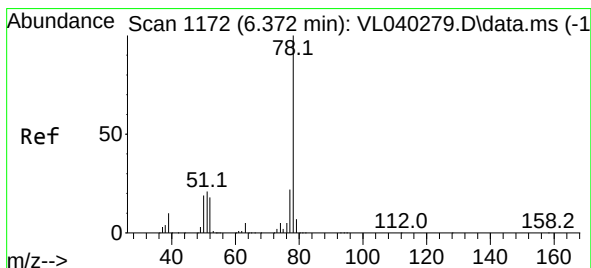
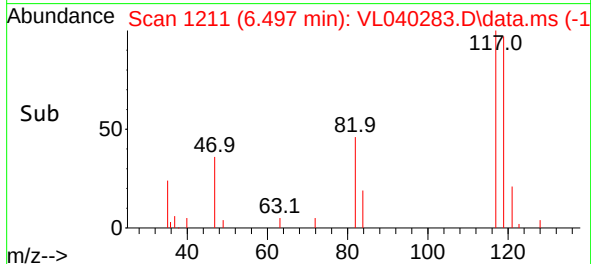
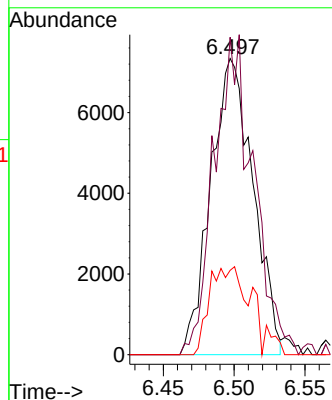
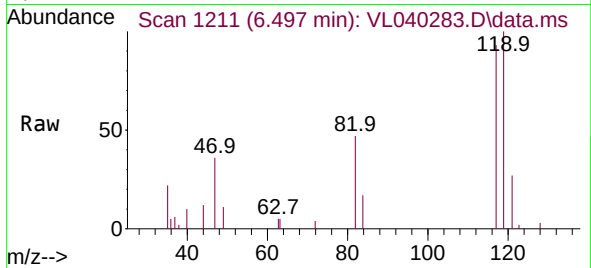




#35
Carbon Tetrachloride
Concen: 0.087 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

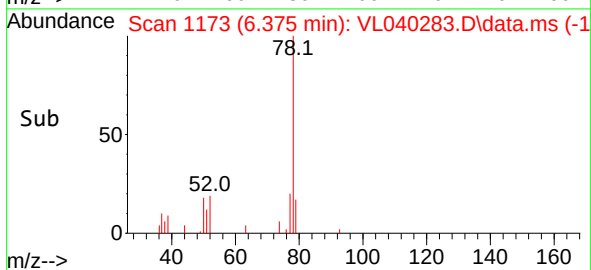
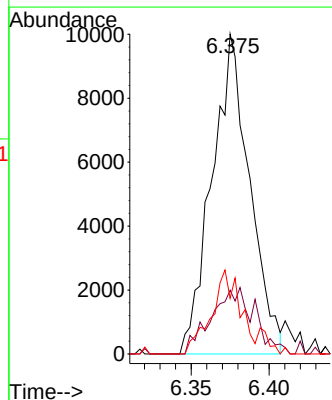
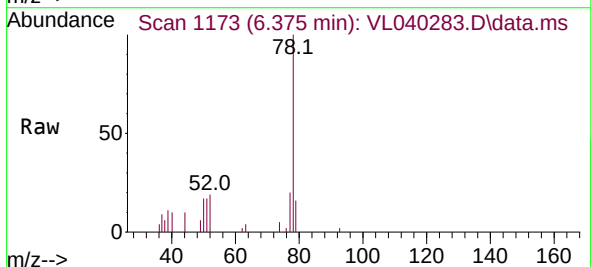
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

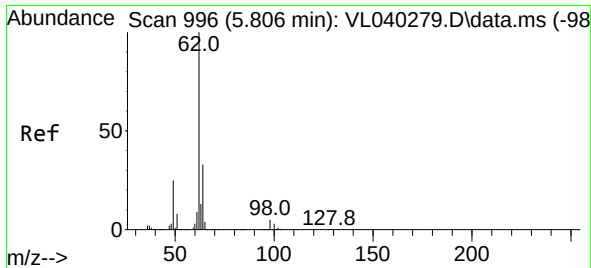
Tgt Ion:117 Resp: 15274
Ion Ratio Lower Upper
117 100
119 107.2 76.4 114.6
121 28.5 25.6 38.4



#36
Benzene
Concen: 0.079 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 78 Resp: 16861
Ion Ratio Lower Upper
78 100
77 19.9 17.8 26.8
50 17.4 15.4 23.2

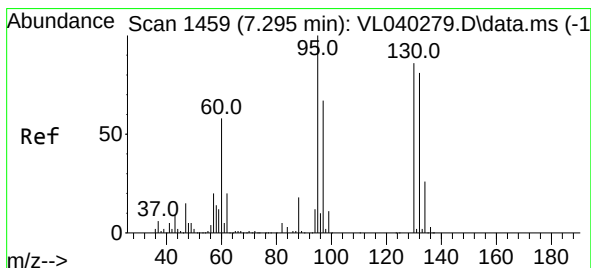
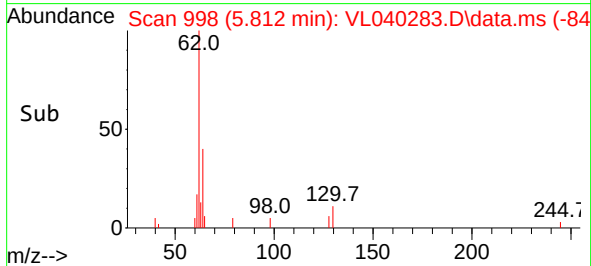
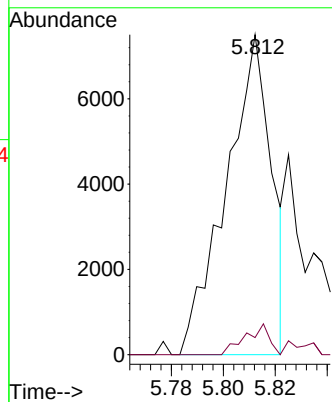
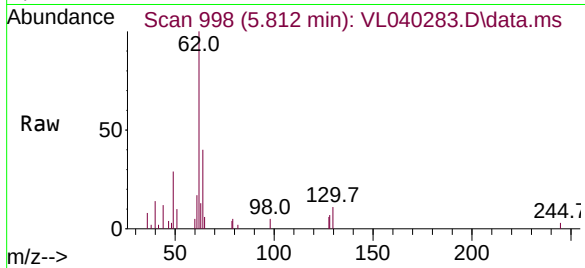




#37
1,2-Dichloroethane
Concen: 0.065 ppbv
RT: 5.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

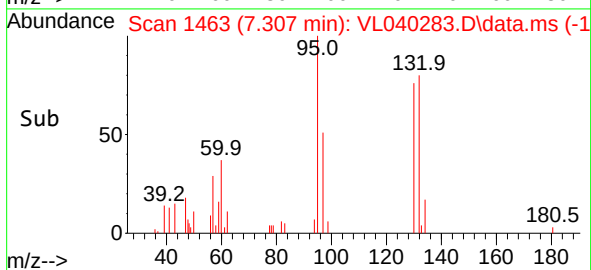
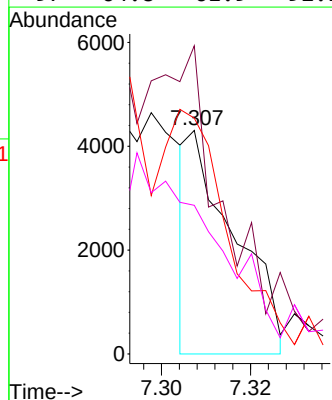
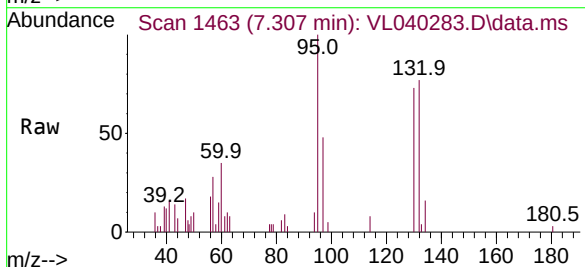
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

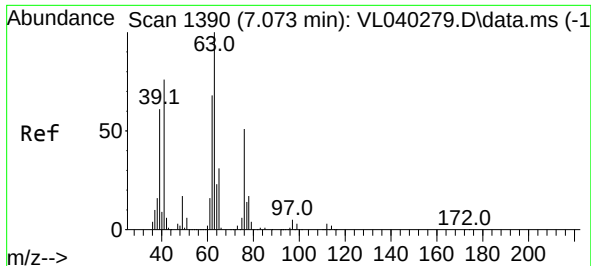
Tgt Ion: 62 Resp: 9070
Ion Ratio Lower Upper
62 100
98 7.2 4.3 6.5#



#38
Trichloroethene
Concen: 0.027 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion:130 Resp: 3110
Ion Ratio Lower Upper
130 100
95 110.8 93.0 139.4
132 105.8 75.3 112.9
97 64.8 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.089 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.009 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

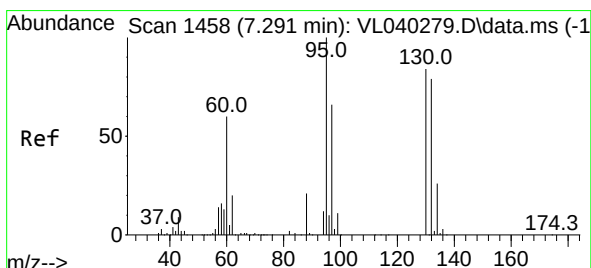
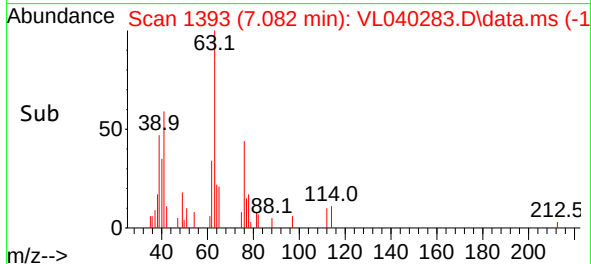
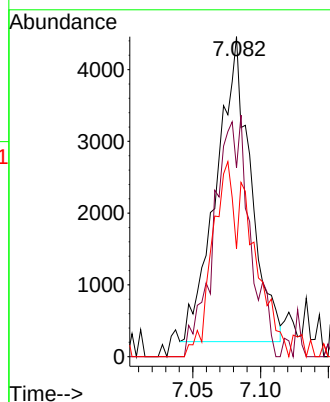
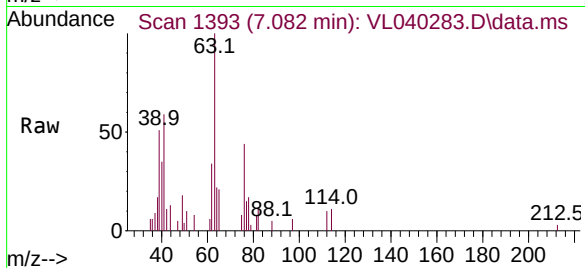
Tgt Ion: 63 Resp: 7482

Ion Ratio Lower Upper

63 100

41 61.9 60.8 91.2

62 35.4 54.1 81.1#



#40

1,4-Dioxane

Concen: 0.007 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.029 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Tgt Ion: 88 Resp: 218

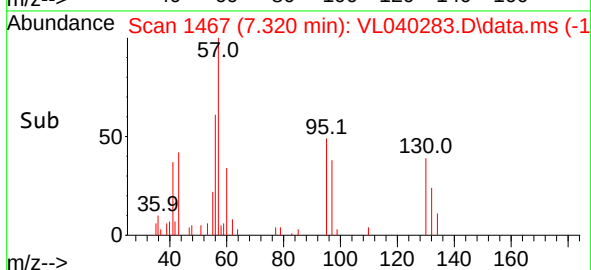
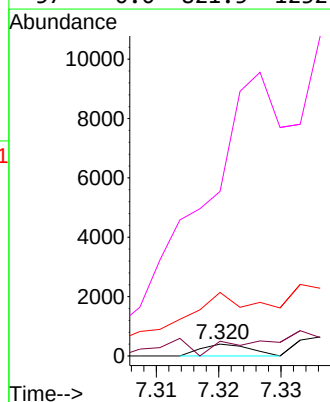
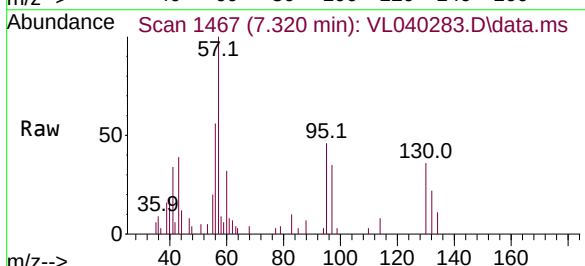
Ion Ratio Lower Upper

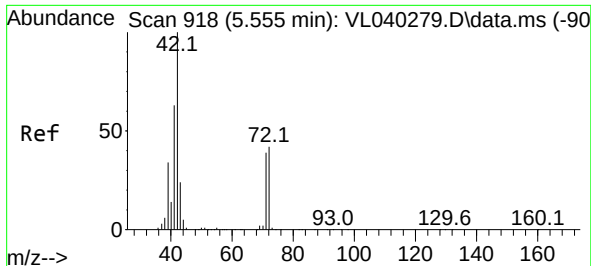
88 100

58 0.0 96.0 144.0#

43 0.0 187.6 281.4#

57 0.0 821.5 1232.3#

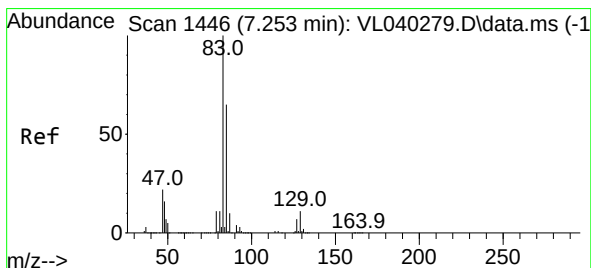
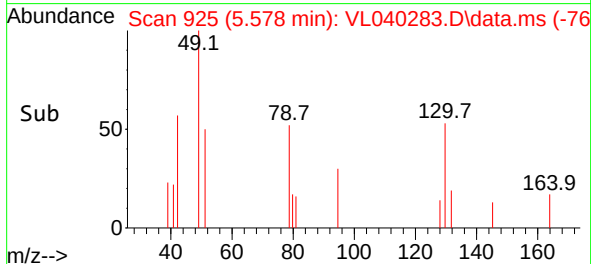
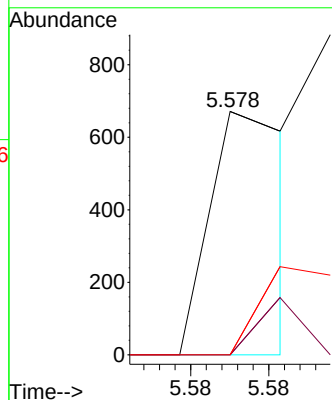
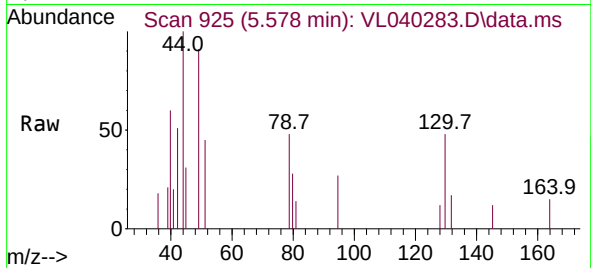




#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 5.578 min Scan# 918
Delta R.T. 0.022 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

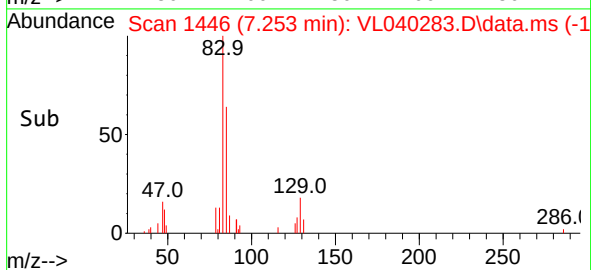
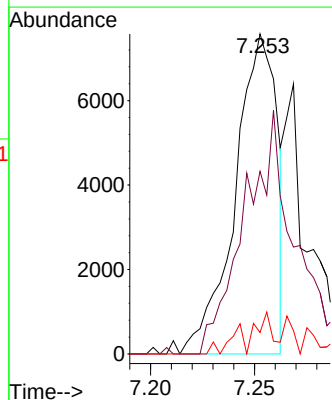
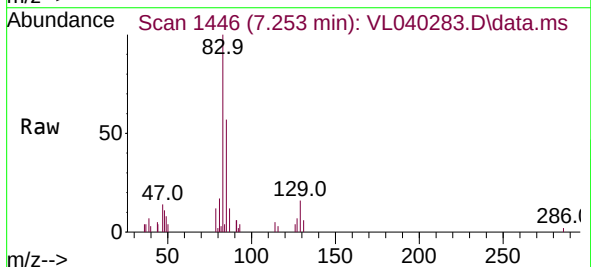
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

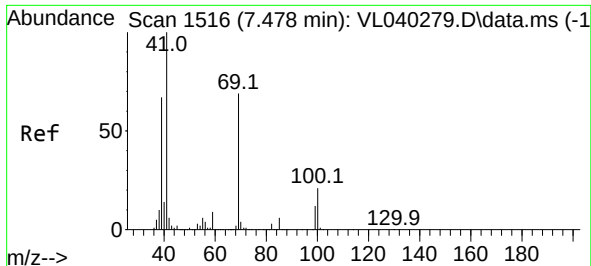
Tgt Ion: 42 Resp: 248
Ion Ratio Lower Upper
42 100
72 0.0 32.6 49.0#
71 0.0 31.0 46.4#



#42
Bromodichloromethane
Concen: 0.056 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 83 Resp: 10617
Ion Ratio Lower Upper
83 100
85 57.1 52.1 78.1
127 6.7 5.8 8.6

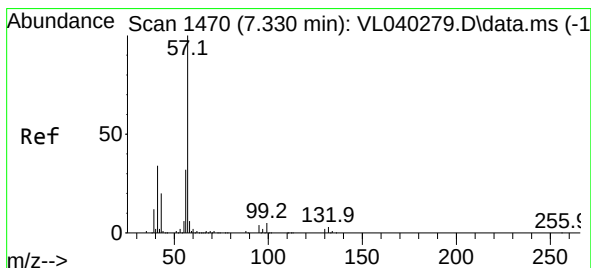
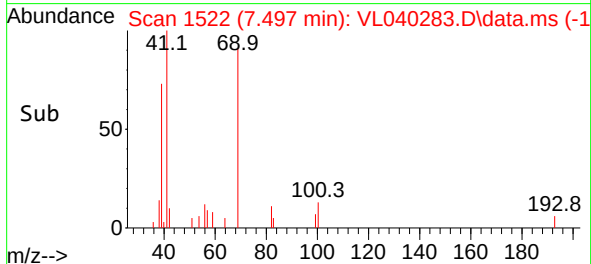
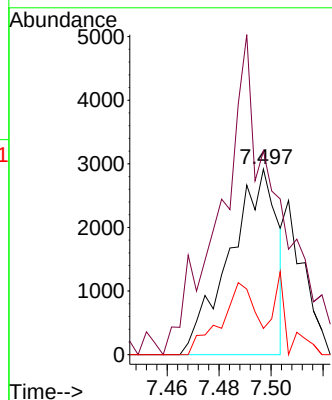
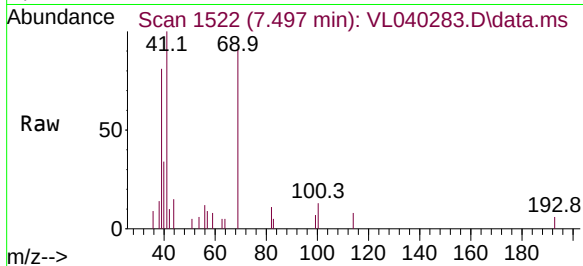




#43
Methyl Methacrylate
Concen: 0.047 ppbv
RT: 7.497 min Scan# 1522
Delta R.T. 0.019 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

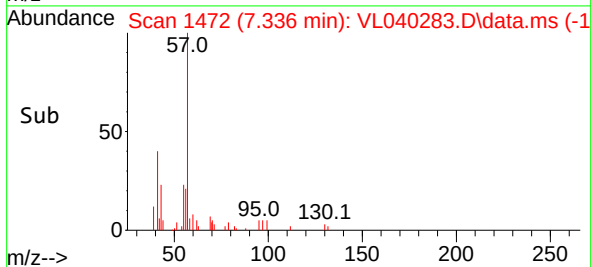
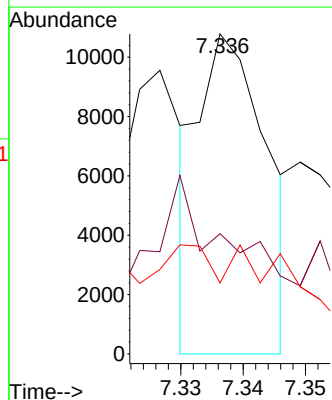
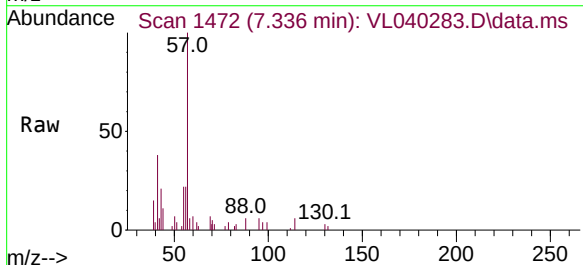
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

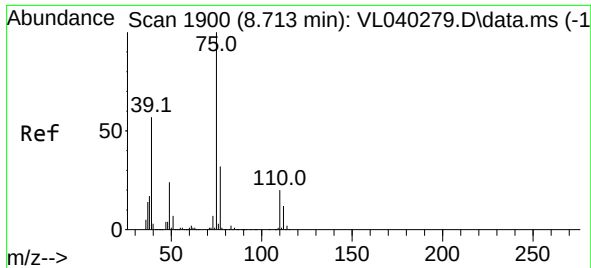
Tgt Ion: 69 Resp: 3701
Ion Ratio Lower Upper
69 100
41 218.5 116.9 175.3#
100 0.0 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.023 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 57 Resp: 8117
Ion Ratio Lower Upper
57 100
41 0.0 26.8 40.2#
56 0.0 25.0 37.6#

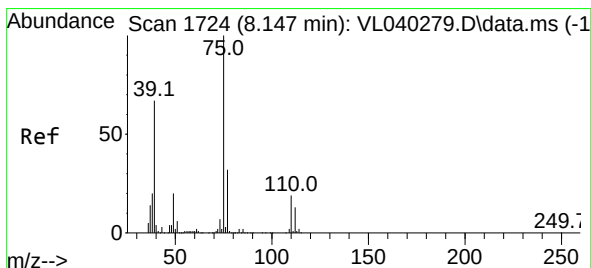
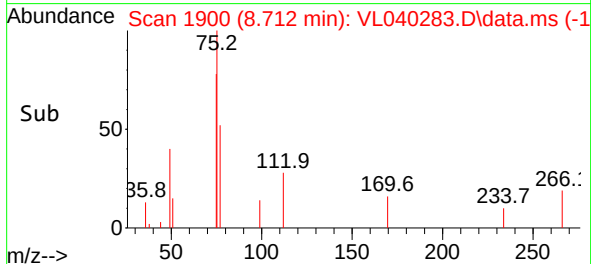
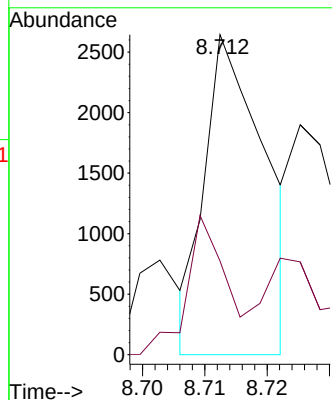
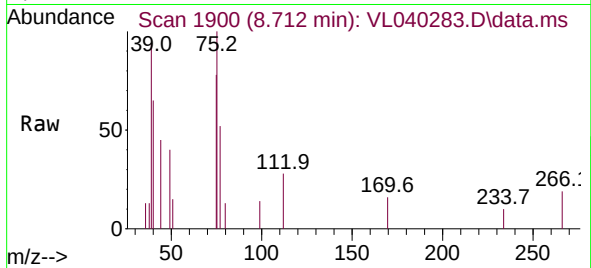




#45
t-1,3-Dichloropropene
Concen: 0.026 ppbv
RT: 8.712 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

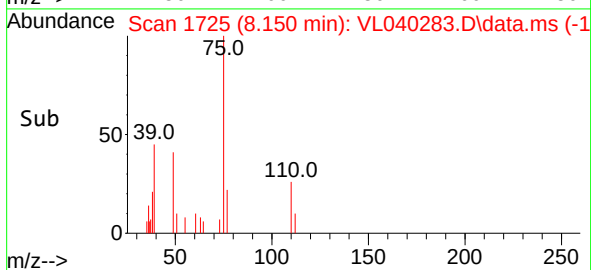
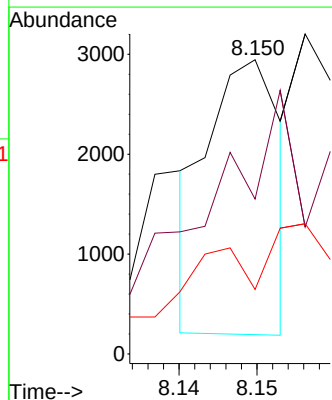
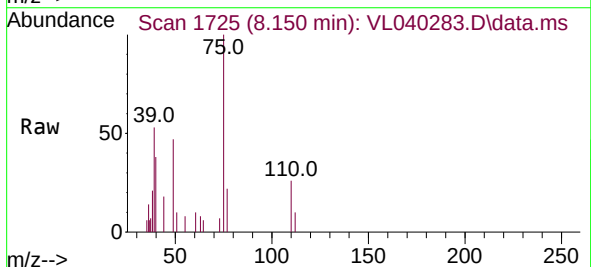
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

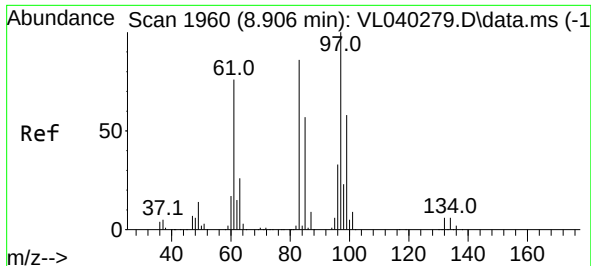
Tgt Ion: 75 Resp: 1765
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.0



#46
cis-1,3-Dichloropropene
Concen: 0.018 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 75 Resp: 1782
Ion Ratio Lower Upper
75 100
39 29.5 53.9 80.9#
77 2.3 25.3 37.9#





#47

1,1,2-Trichloroethane

Concen: 0.040 ppbv

RT: 8.902 min Scan# 1959

Delta R.T. -0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 97 Resp: 3555

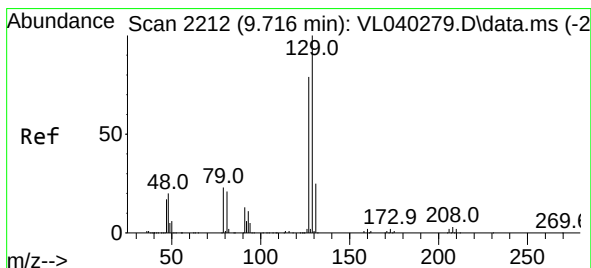
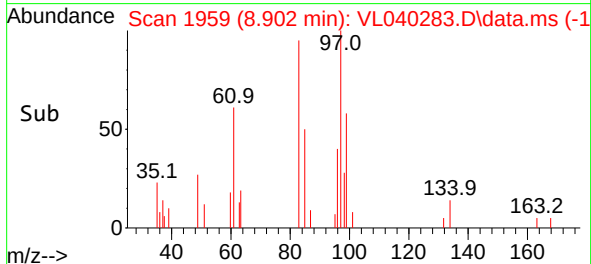
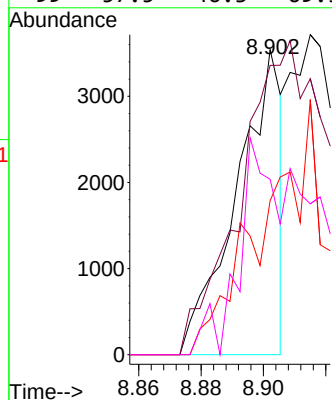
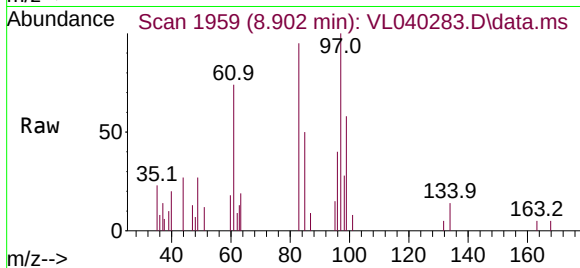
Ion Ratio Lower Upper

97 100

83 94.9 68.6 103.0

85 50.5 46.0 69.0

99 57.5 46.3 69.5



#48

Dibromochloromethane

Concen: 0.010 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.003 min

Lab File: VL040283.D

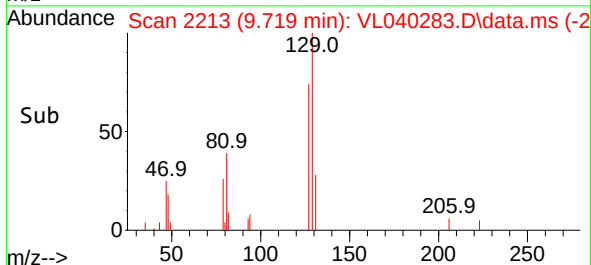
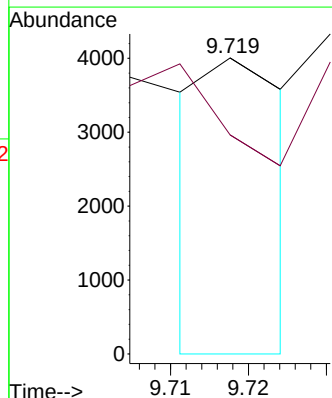
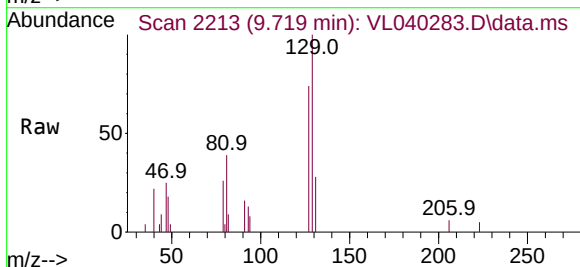
Acq: 15 Mar 2023 14:07

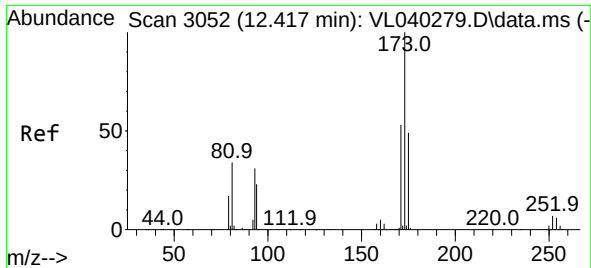
Tgt Ion: 129 Resp: 1464

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.5#

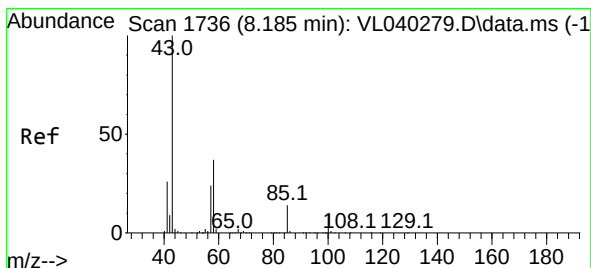
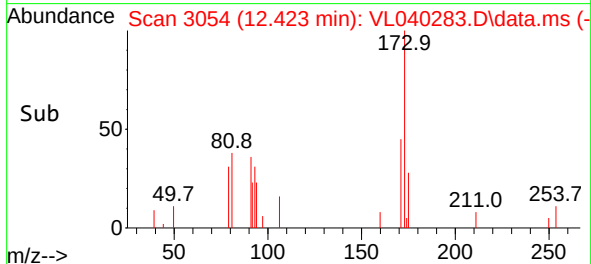
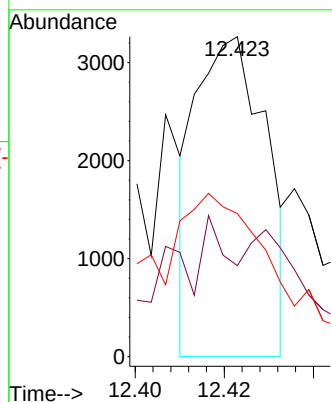
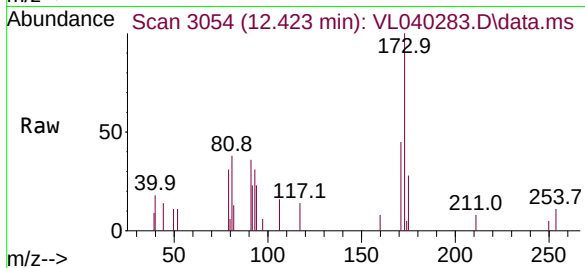




#49
Bromoform
Concen: 0.032 ppbv
RT: 12.423 min Scan# 3052
Delta R.T. 0.006 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

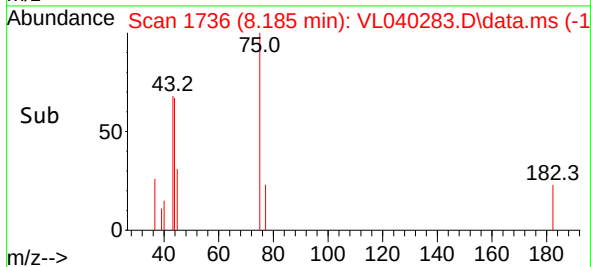
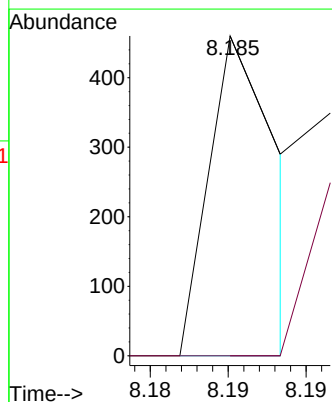
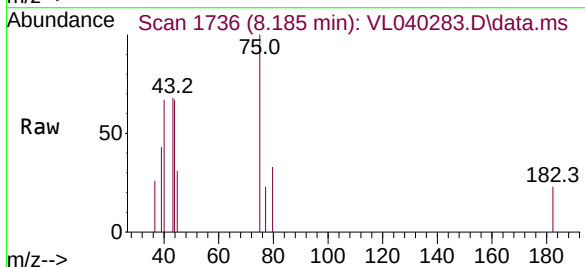
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

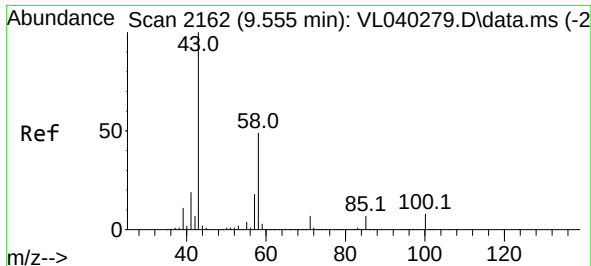
Tgt Ion:173 Resp: 3569
Ion Ratio Lower Upper
173 100
175 87.7 39.8 59.8#
171 97.1 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#

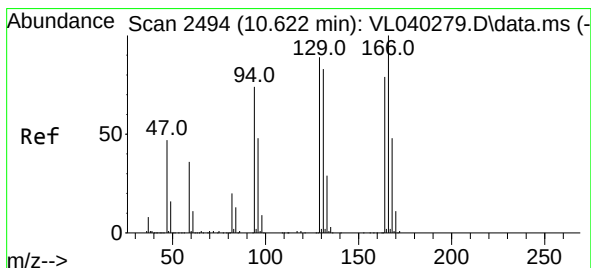
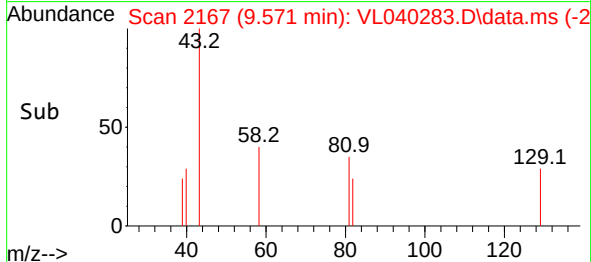
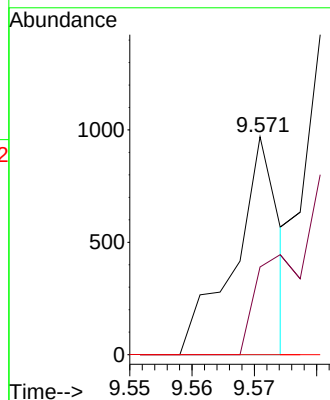
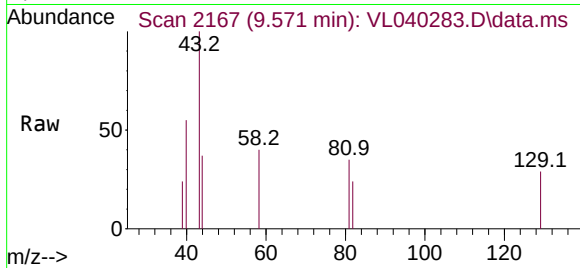




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 9.571 min Scan# 2167
Delta R.T. 0.016 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

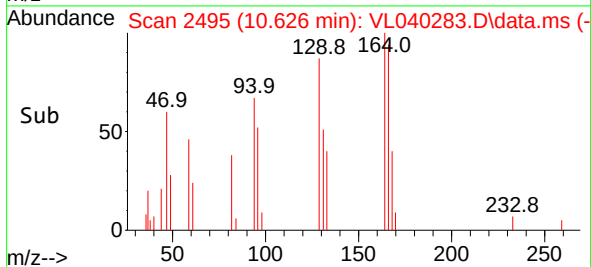
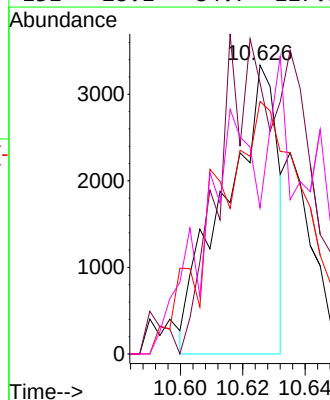
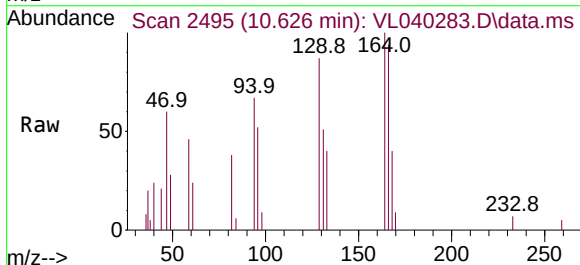
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

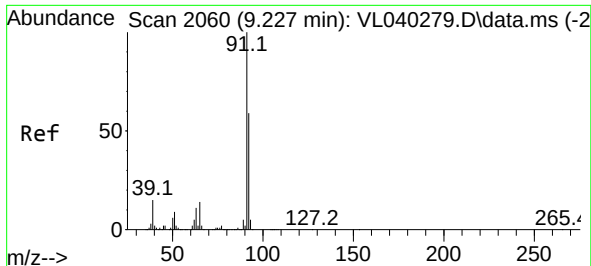
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.060 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 164 Resp: 3902
Ion Ratio Lower Upper
164 100
166 102.0 101.8 152.6
129 62.8 90.2 135.2#
131 28.1 84.7 127.1#





#53

Toluene

Concen: 0.019 ppbv

RT: 9.240 min Scan# 2060

Delta R.T. 0.013 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

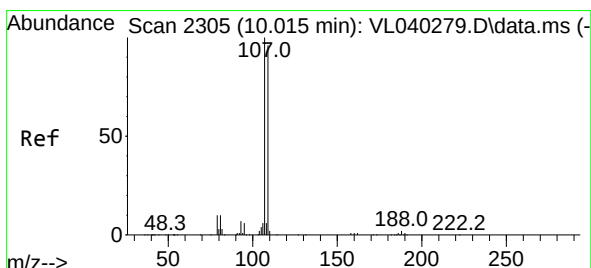
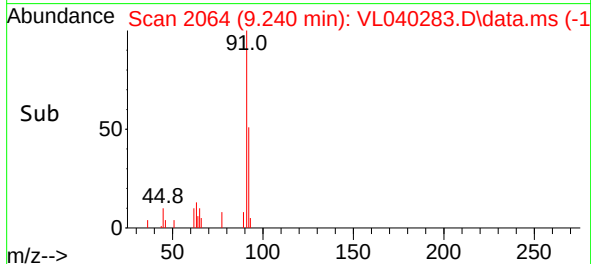
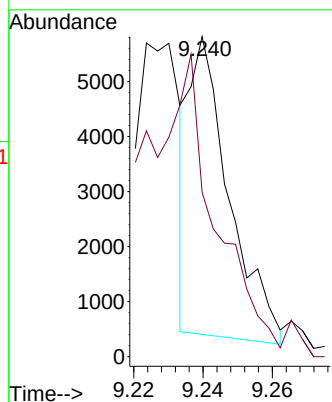
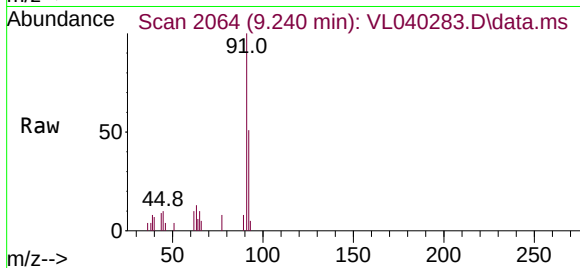
VSTDIC0.1

Tgt Ion: 91 Resp: 4339

Ion Ratio Lower Upper

91 100

92 209.5 48.0 72.0#



#54

1,2-Dibromoethane

Concen: 0.035 ppbv

RT: 10.018 min Scan# 2306

Delta R.T. 0.003 min

Lab File: VL040283.D

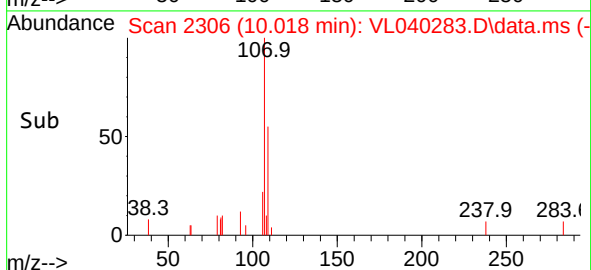
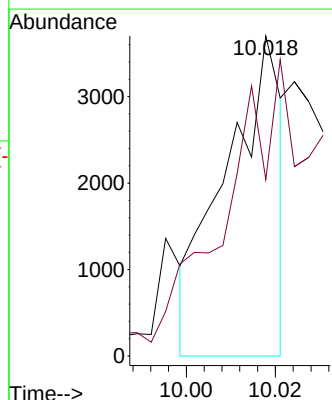
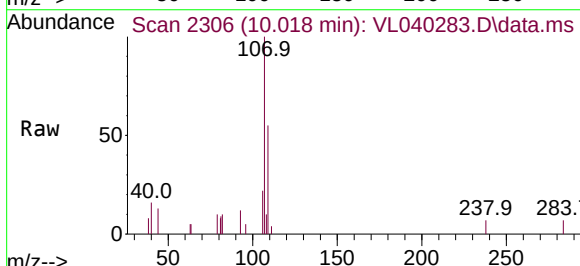
Acq: 15 Mar 2023 14:07

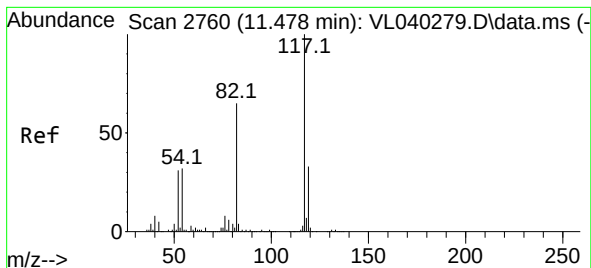
Tgt Ion: 107 Resp: 3240

Ion Ratio Lower Upper

107 100

109 36.7 77.0 115.6#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

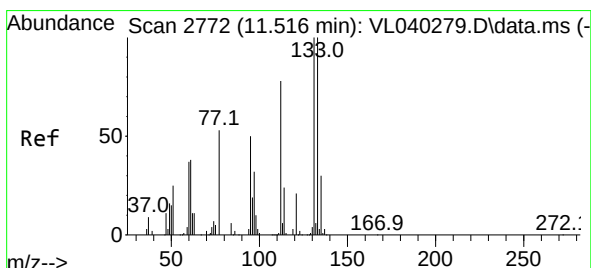
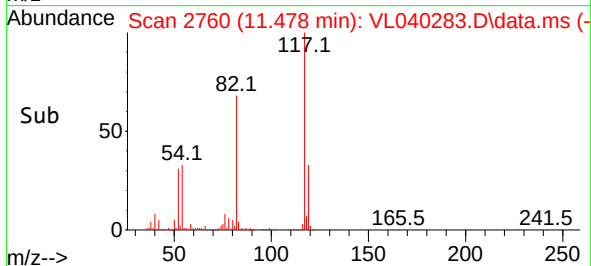
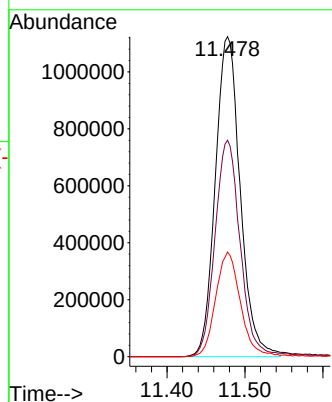
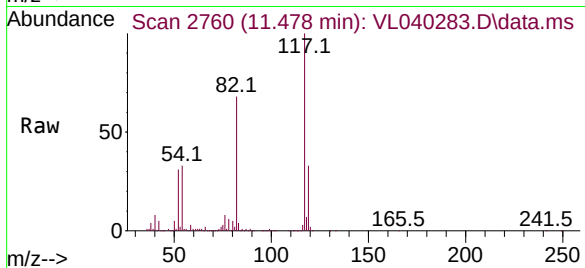
Tgt Ion:117 Resp: 2496934

Ion Ratio Lower Upper

117 100

82 69.5 51.4 77.2

119 32.9 24.0 36.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.037 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

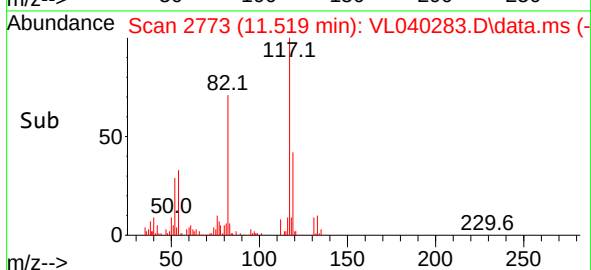
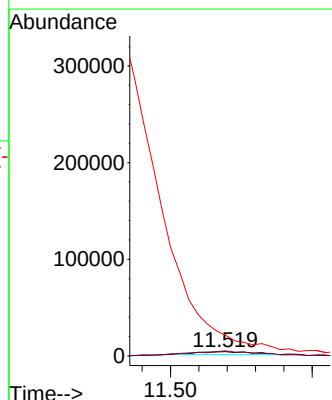
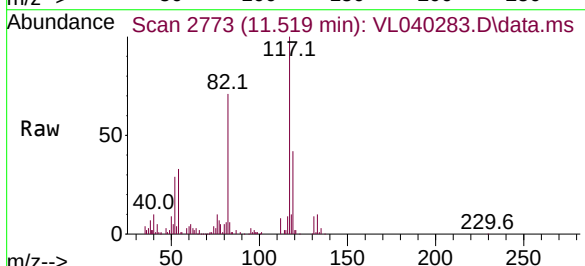
Tgt Ion:131 Resp: 3887

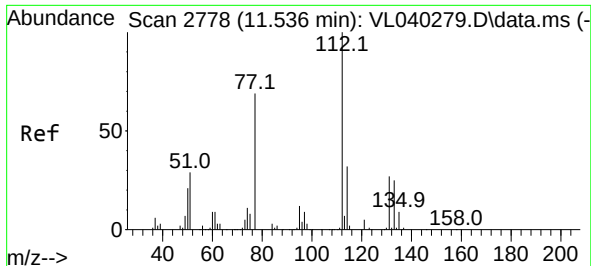
Ion Ratio Lower Upper

131 100

133 255.4 76.5 114.7#

119 21074.8 47.9 71.9#





#57

Chlorobenzene

Concen: 0.052 ppbv

RT: 11.532 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

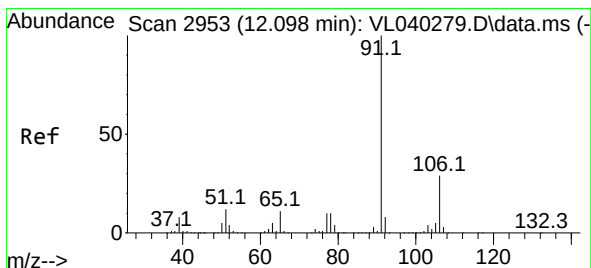
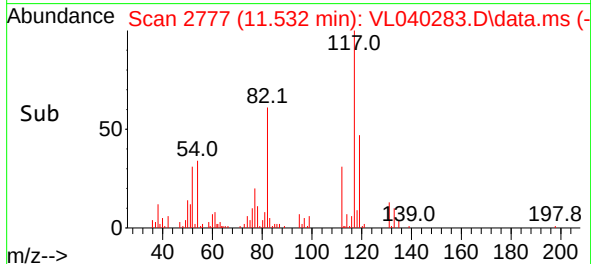
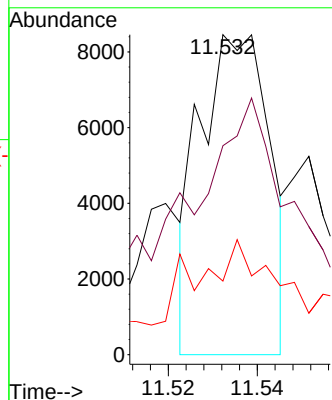
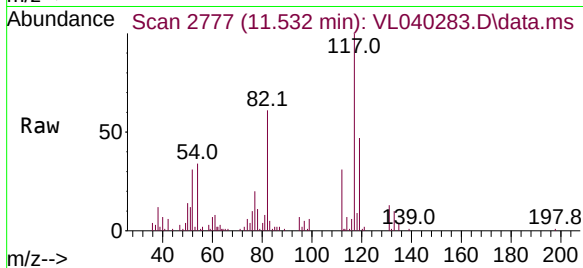
Tgt Ion:112 Resp: 9179

Ion Ratio Lower Upper

112 100

77 31.3 56.2 84.2#

114 2.3 29.0 35.4#



#58

Ethyl Benzene

Concen: 0.014 ppbv

RT: 12.108 min Scan# 2956

Delta R.T. 0.009 min

Lab File: VL040283.D

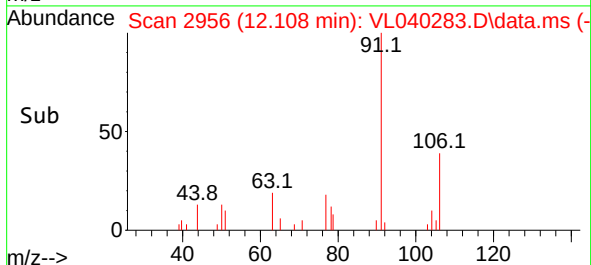
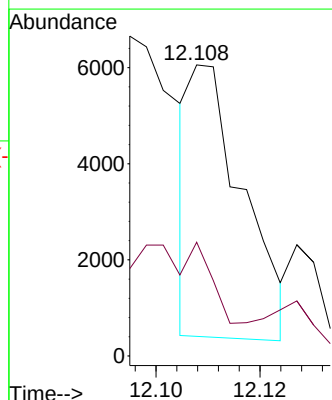
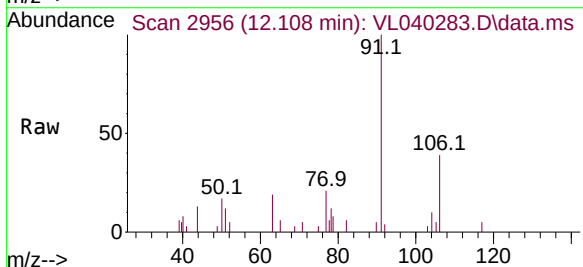
Acq: 15 Mar 2023 14:07

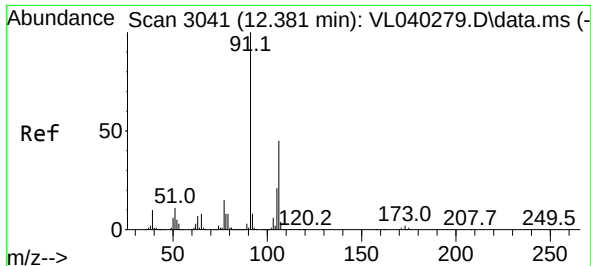
Tgt Ion: 91 Resp: 4000

Ion Ratio Lower Upper

91 100

106 31.1 23.4 35.2





#59

m/p-Xylene

Concen: 0.029 ppbv

RT: 12.375 min Scan# 3041

Delta R.T. -0.007 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

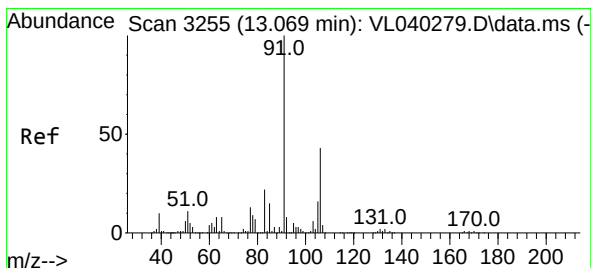
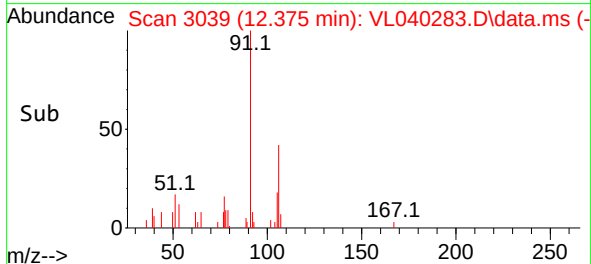
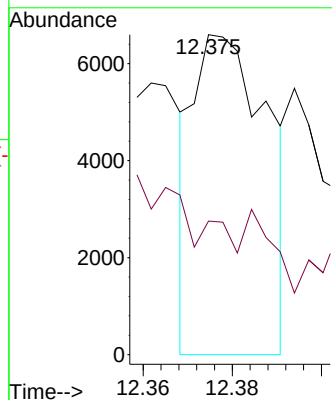
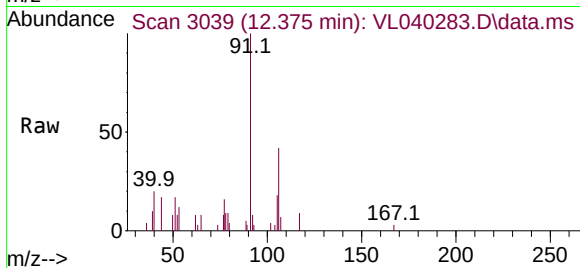
VSTDIC0.1

Tgt Ion: 91 Resp: 7602

Ion Ratio Lower Upper

91 100

106 0.0 34.0 51.0#



#60

o-Xylene

Concen: 0.015 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.006 min

Lab File: VL040283.D

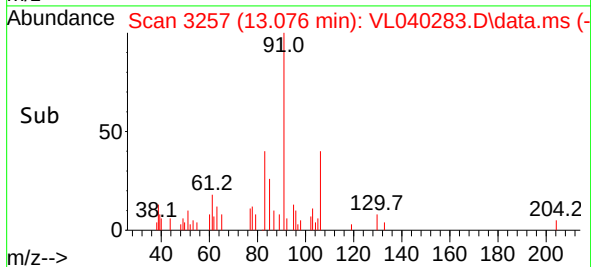
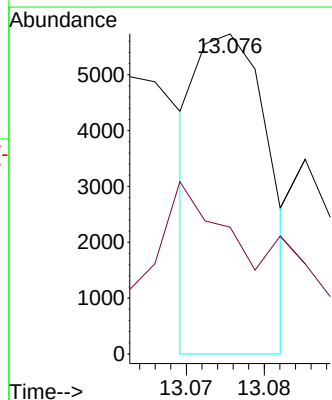
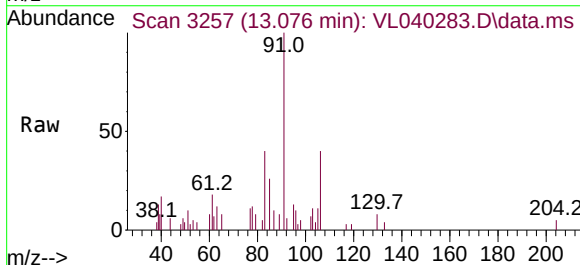
Acq: 15 Mar 2023 14:07

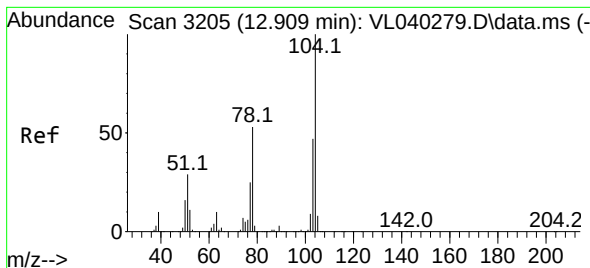
Tgt Ion: 91 Resp: 3666

Ion Ratio Lower Upper

91 100

106 140.9 21.7 65.1#





#61

Styrene

Concen: 0.020 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

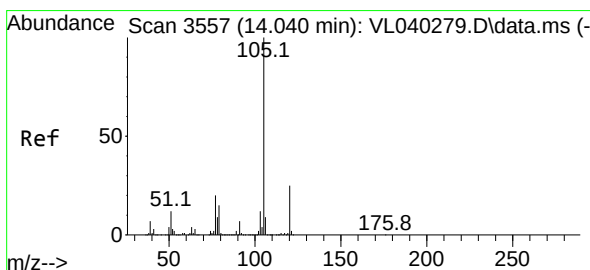
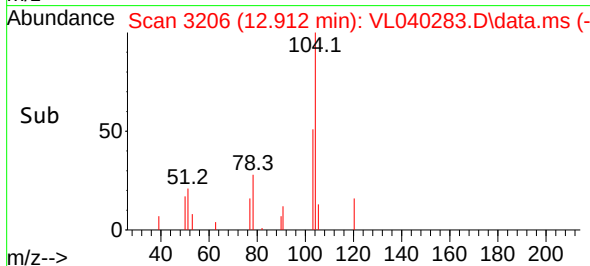
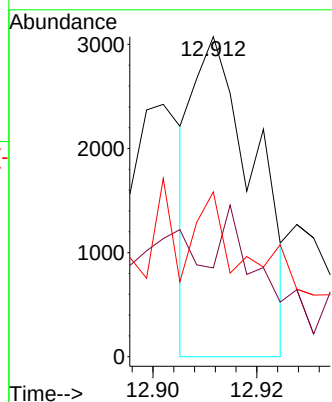
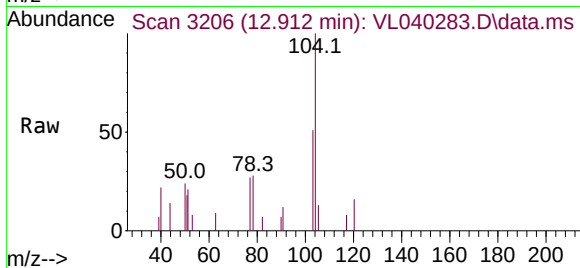
Tgt Ion:104 Resp: 2536

Ion Ratio Lower Upper

104 100

78 128.2 43.7 65.5#

103 0.0 37.4 56.2#



#62

Isopropylbenzene

Concen: 0.044 ppbv

RT: 14.043 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL040283.D

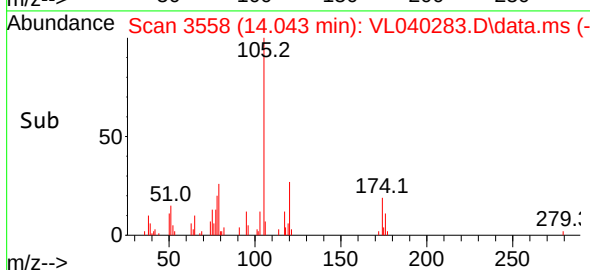
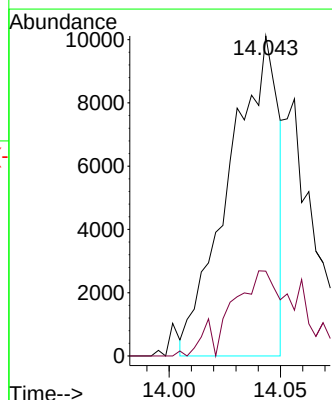
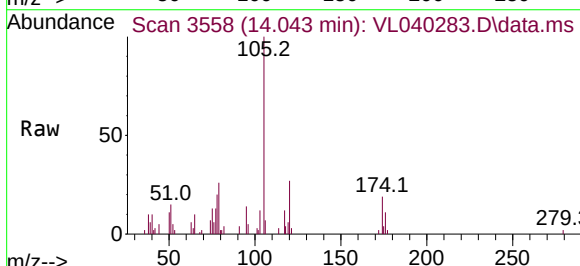
Acq: 15 Mar 2023 14:07

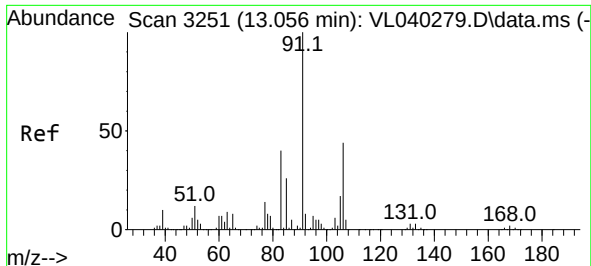
Tgt Ion:105 Resp: 15475

Ion Ratio Lower Upper

105 100

120 39.0 19.9 29.9#

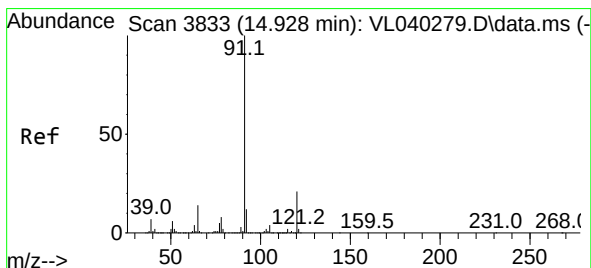
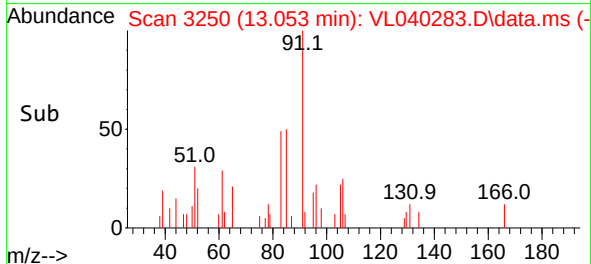
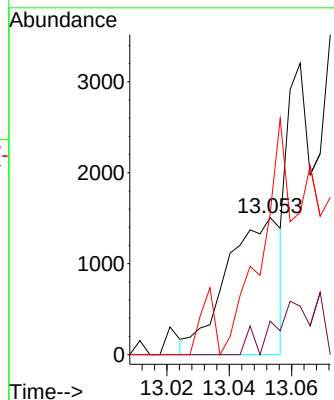
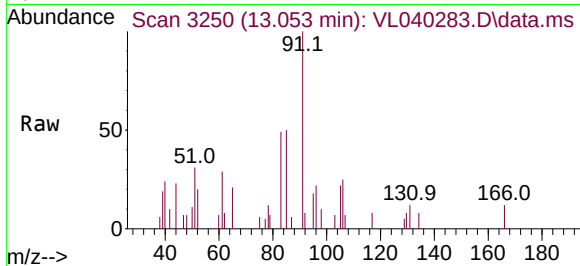




#63
1,1,2,2-Tetrachloroethane
Concen: 0.021 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

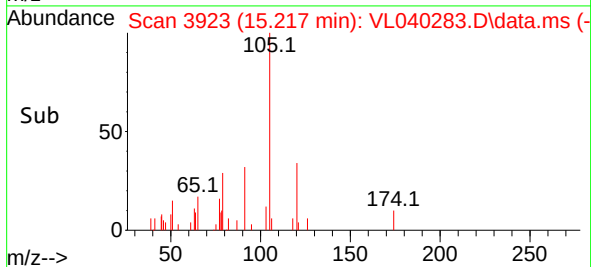
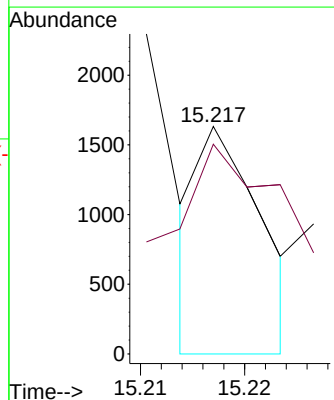
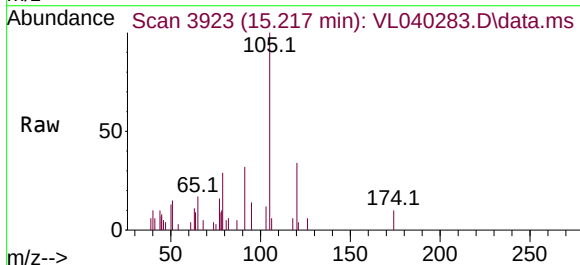
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

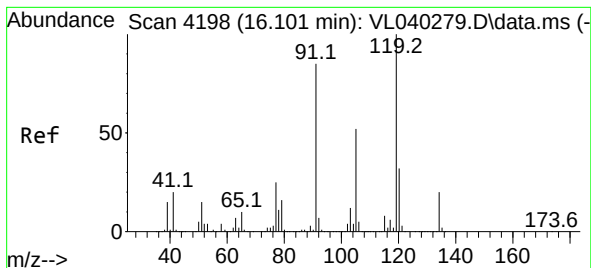
Tgt Ion: 83 Resp: 1821
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.9#
85 271.6 32.7 98.1#



#64
n-propylbenzene
Concen: 0.008 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.289 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 120 Resp: 680
Ion Ratio Lower Upper
120 100
91 404.9 399.0 598.6





#65

tert-Butylbenzene

Concen: 0.019 ppbv

RT: 16.104 min Scan# 4198

Delta R.T. 0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

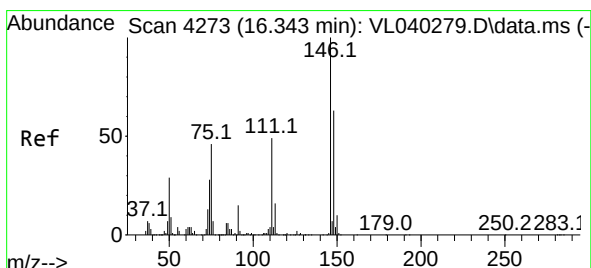
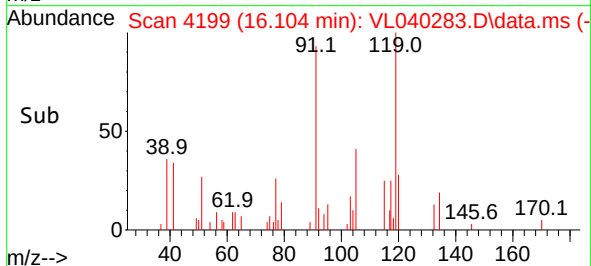
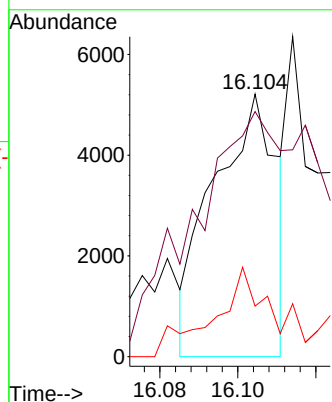
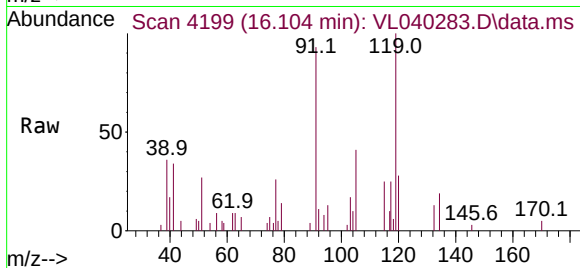
Tgt Ion:119 Resp: 5863

Ion Ratio Lower Upper

119 100

91 240.9 69.4 104.2#

134 48.4 15.8 23.6#



#66

Benzyl Chloride

Concen: 0.014 ppbv

RT: 16.352 min Scan# 4276

Delta R.T. 0.009 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

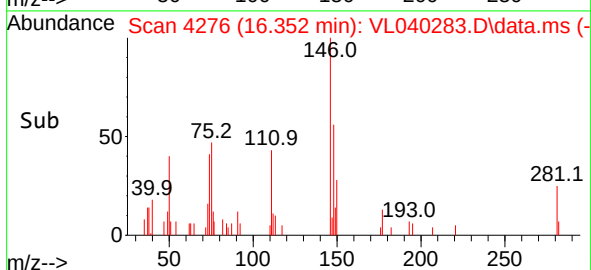
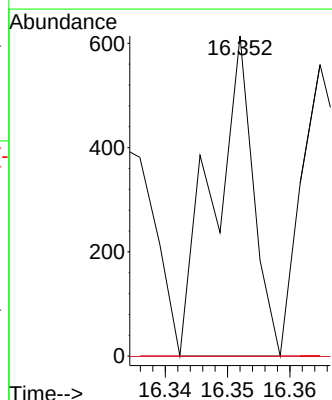
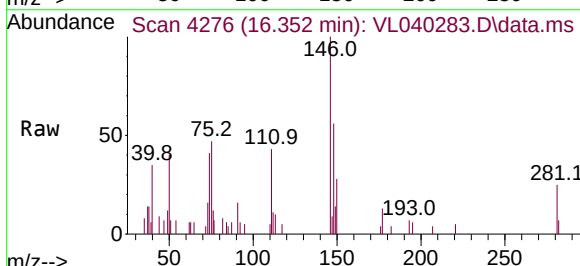
Tgt Ion: 91 Resp: 274

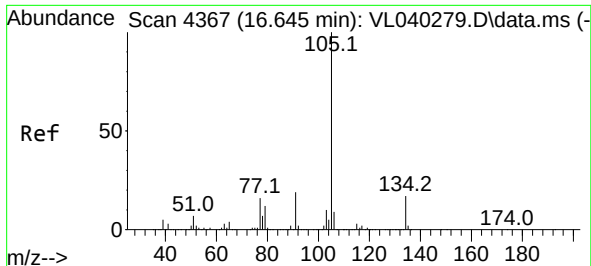
Ion Ratio Lower Upper

91 100

126 0.0 12.1 18.1#

128 0.0 3.8 5.6#





#67

sec-Butylbenzene

Concen: 0.009 ppbv

RT: 16.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

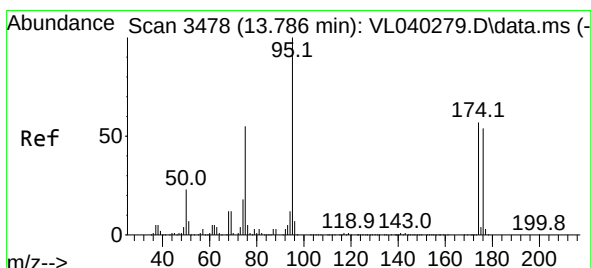
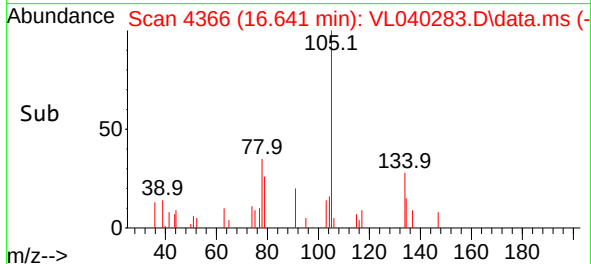
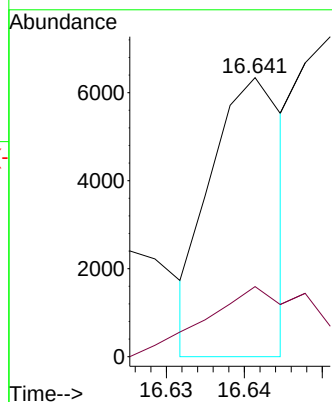
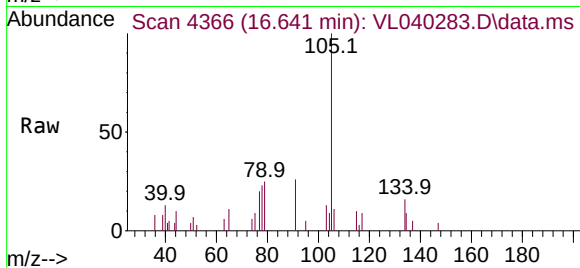
VSTDIC0.1

Tgt Ion:105 Resp: 4091

Ion Ratio Lower Upper

105 100

134 0.0 14.0 21.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.101 ppbv

RT: 13.789 min Scan# 3479

Delta R.T. 0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

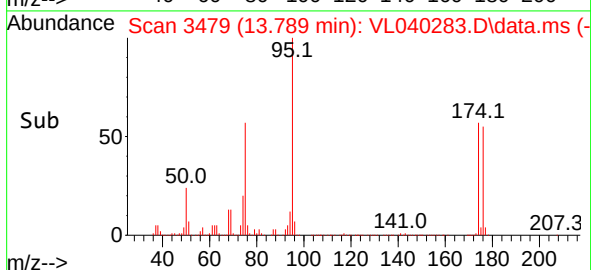
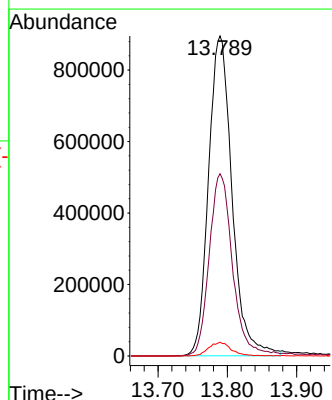
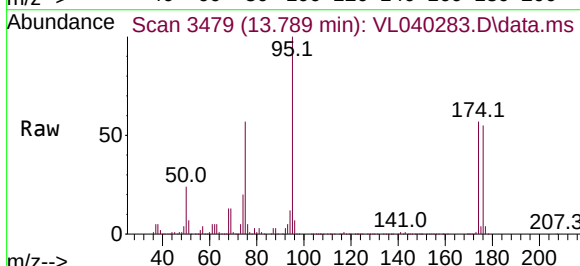
Tgt Ion: 95 Resp: 2112142

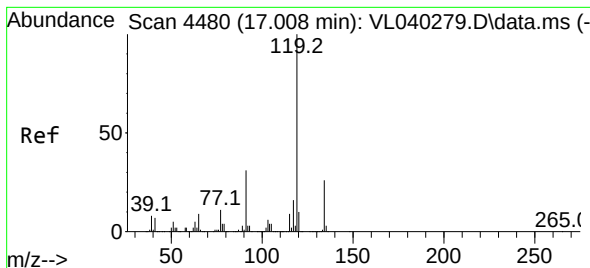
Ion Ratio Lower Upper

95 100

174 57.6 47.0 70.6

175 4.2 3.4 5.2

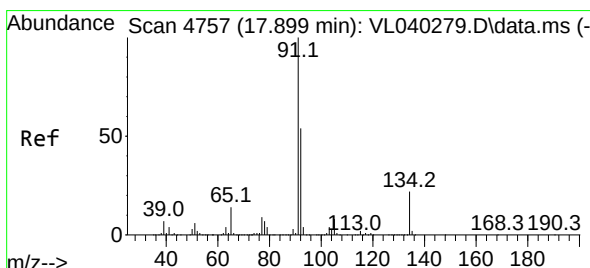
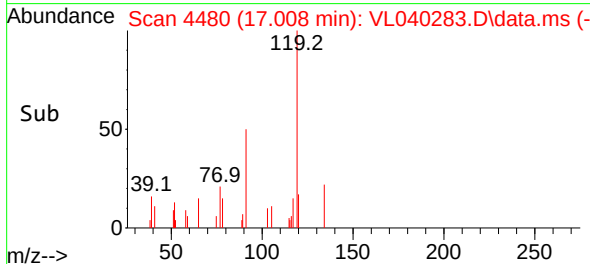
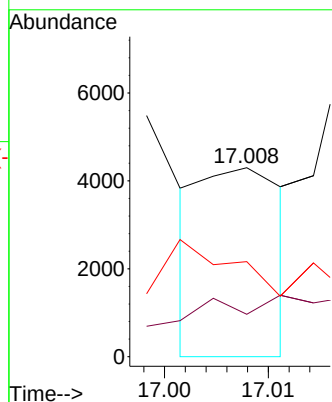
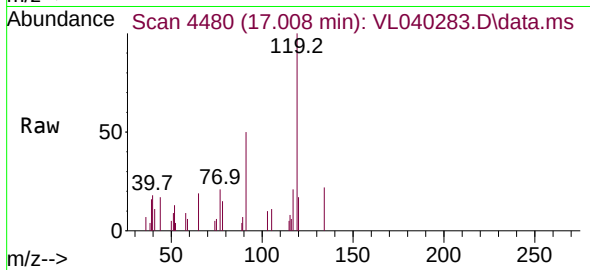




#69
p-Isopropyltoluene
Concen: 0.007 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. -0.000 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

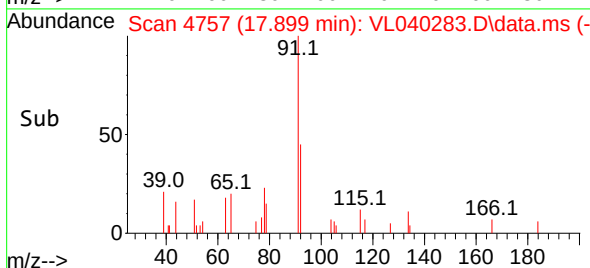
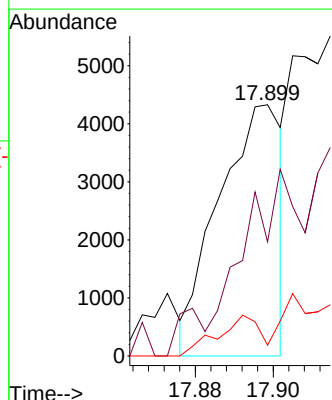
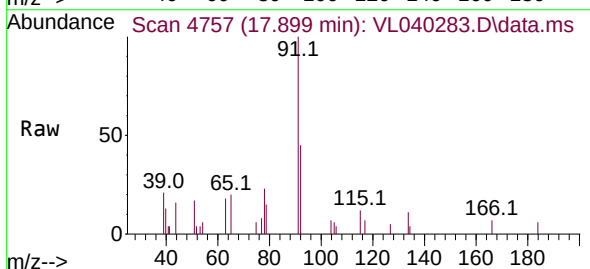
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

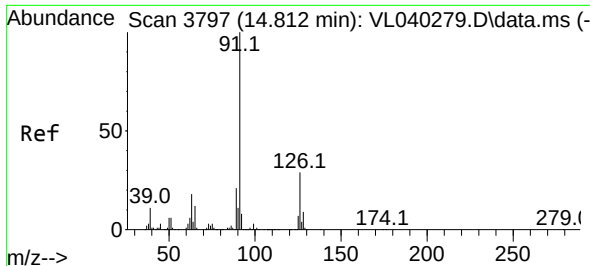
Tgt Ion:119 Resp: 2368
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2#
91 0.0 25.1 37.7#



#70
n-Butylbenzene
Concen: 0.013 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 91 Resp: 4840
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 0.0 16.8 25.2#

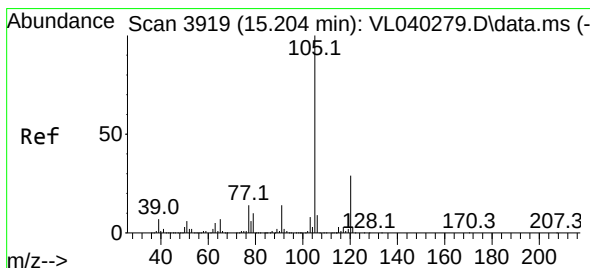
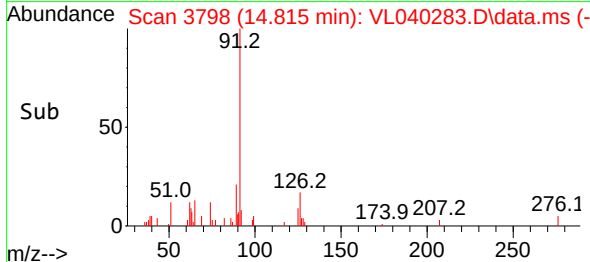
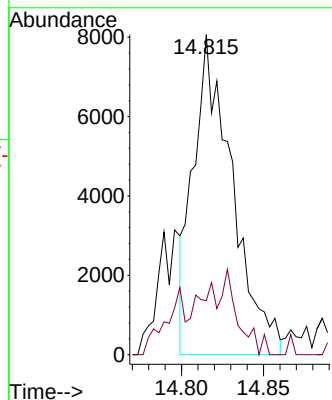
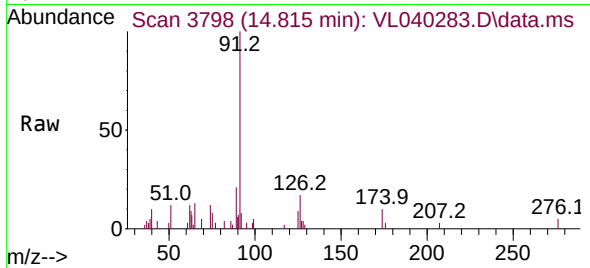




#71
2-Chlorotoluene
Concen: 0.049 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

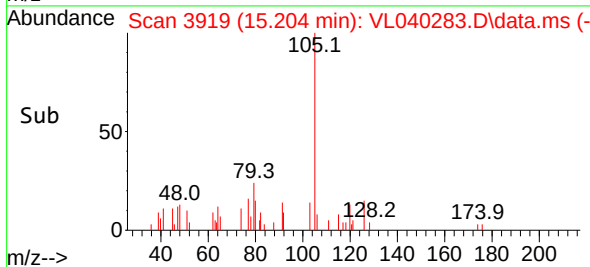
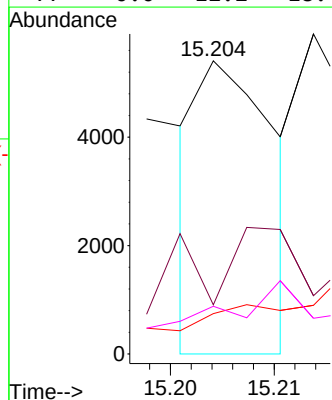
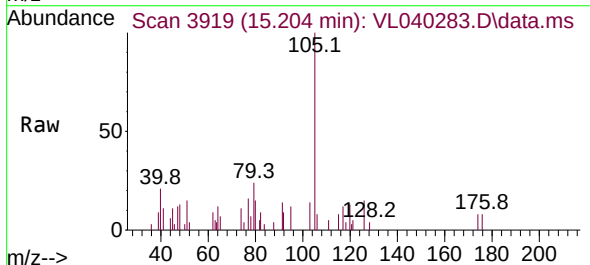
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

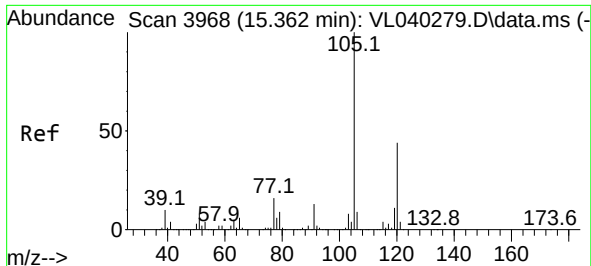
Tgt Ion: 91 Resp: 13217
Ion Ratio Lower Upper
91 100
126 34.3 11.8 47.4



#72
4-Ethyltoluene
Concen: 0.010 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion: 105 Resp: 2741
Ion Ratio Lower Upper
105 100
120 0.0 23.7 35.5#
91 0.0 11.6 17.4#
77 0.0 12.2 18.4#

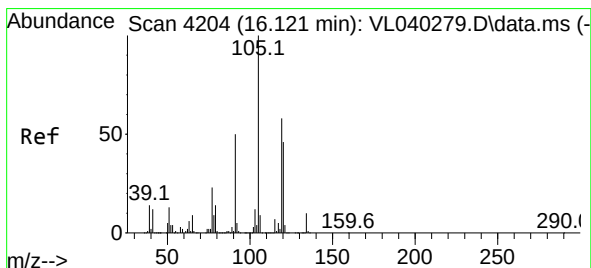
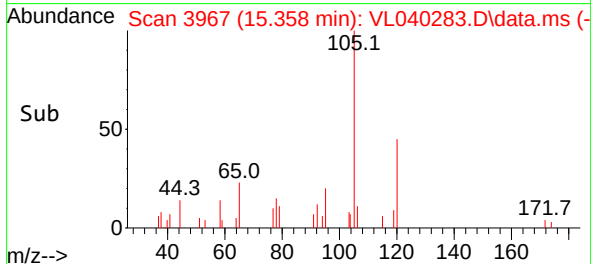
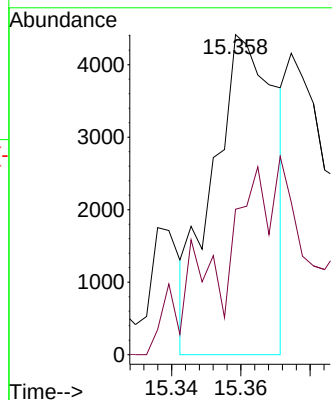
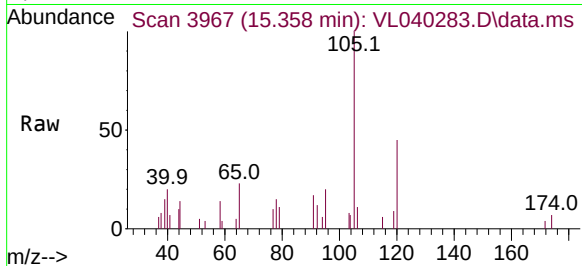




#73
1,3,5-Trimethylbenzene
Concen: 0.022 ppbv
RT: 15.358 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

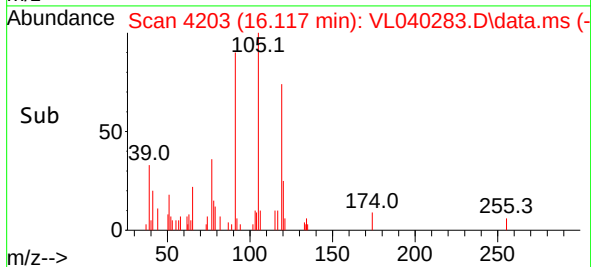
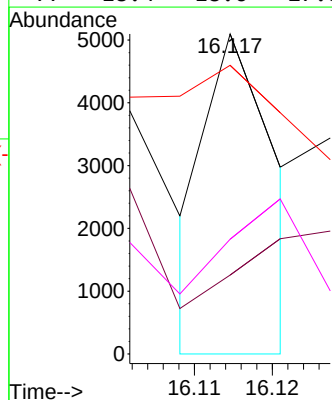
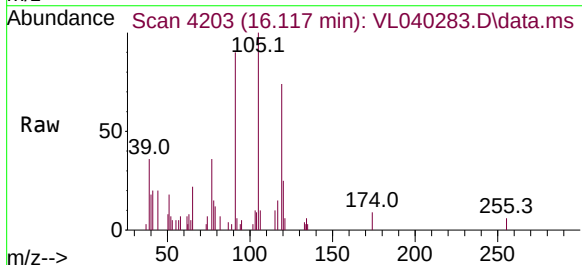
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

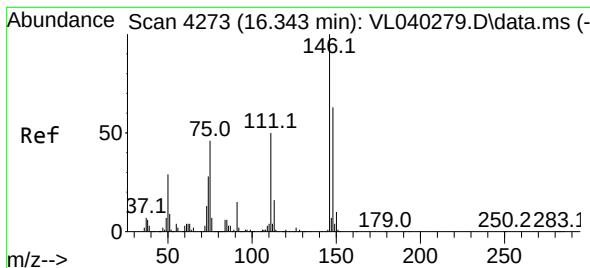
Tgt Ion:105 Resp: 5544
Ion Ratio Lower Upper
105 100
120 55.5 34.9 52.3#



#74
1,2,4-Trimethylbenzene
Concen: 0.006 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion:105 Resp: 1558
Ion Ratio Lower Upper
105 100
120 18.3 36.6 54.8#
91 26.0 39.9 59.9#
77 18.4 18.6 27.8#





#75

1,3-Dichlorobenzene

Concen: 0.008 ppbv

RT: 16.339 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

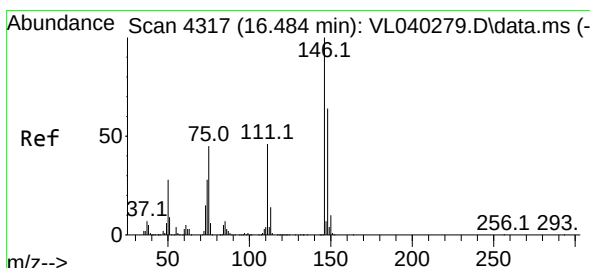
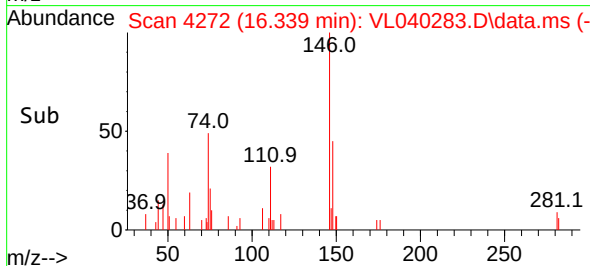
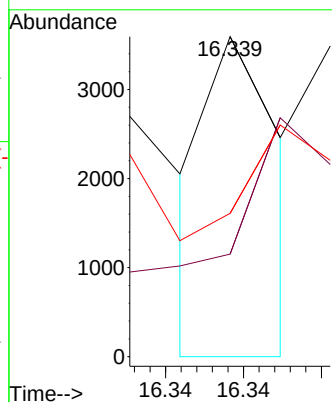
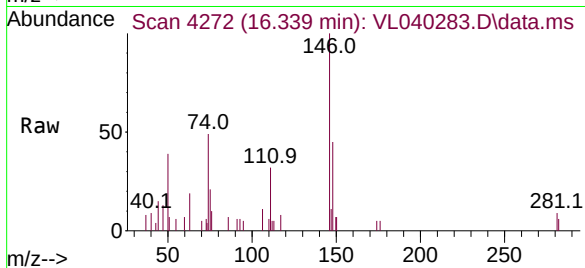
Tgt Ion:146 Resp: 1168

Ion Ratio Lower Upper

146 100

111 532.5 24.3 73.0#

148 0.0 31.9 95.5#



#76

1,4-Dichlorobenzene

Concen: 0.015 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.003 min

Lab File: VL040283.D

Acq: 15 Mar 2023 14:07

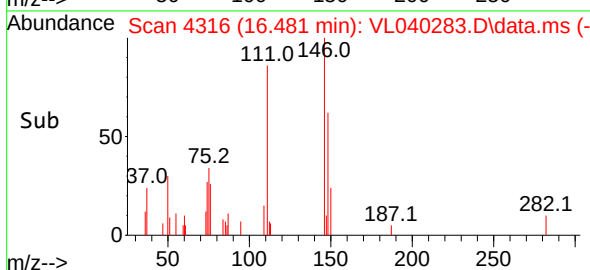
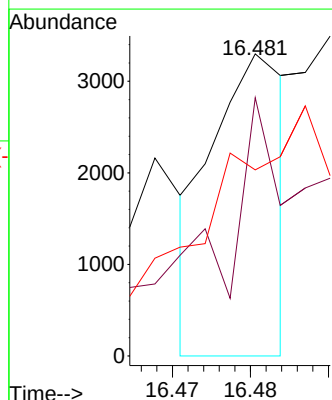
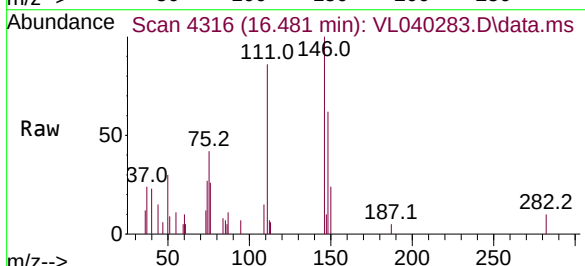
Tgt Ion:146 Resp: 2165

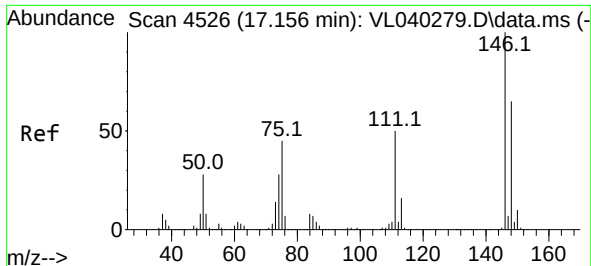
Ion Ratio Lower Upper

146 100

111 246.6 23.8 71.2#

148 302.5 32.5 97.5#

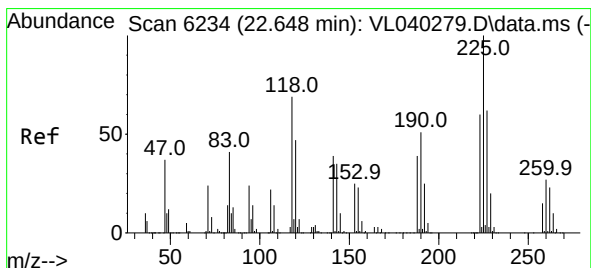
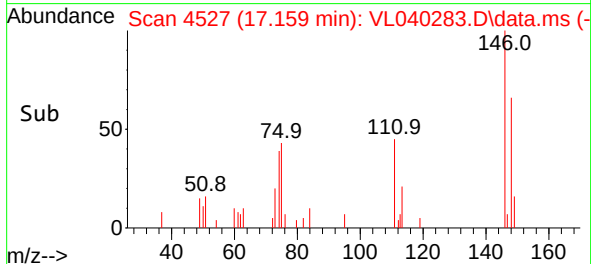
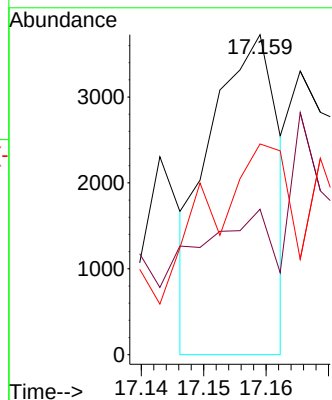
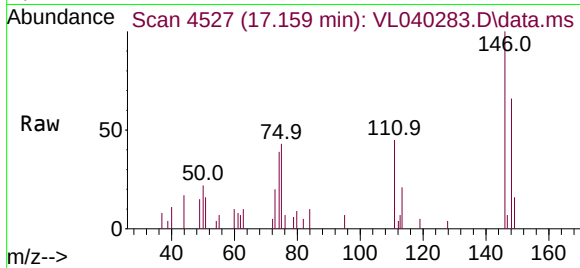




#77
1,2-Dichlorobenzene
Concen: 0.019 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

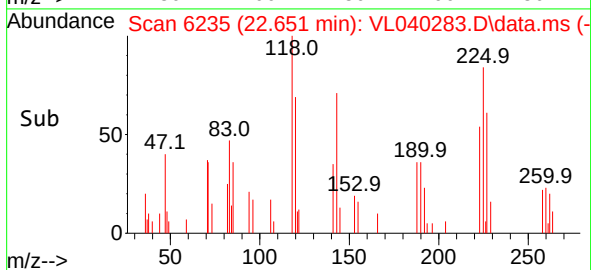
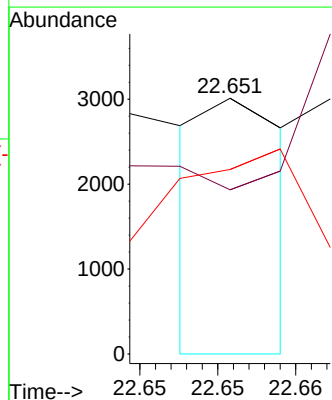
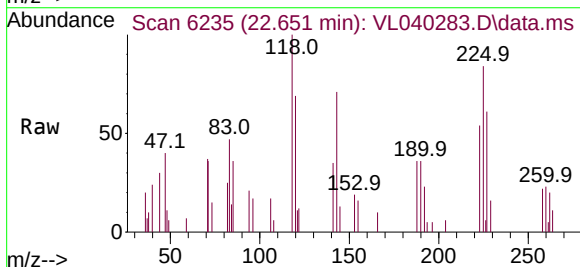
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

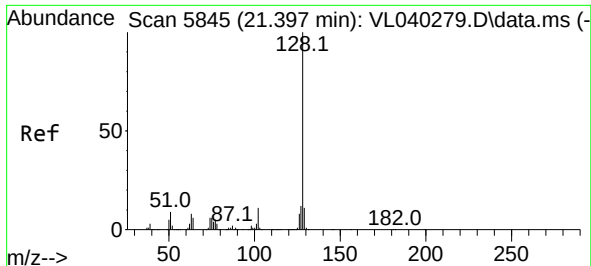
Tgt Ion:146 Resp: 2834
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 110.3 32.1 96.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.010 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

Tgt Ion:225 Resp: 1095
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.4 77.2#

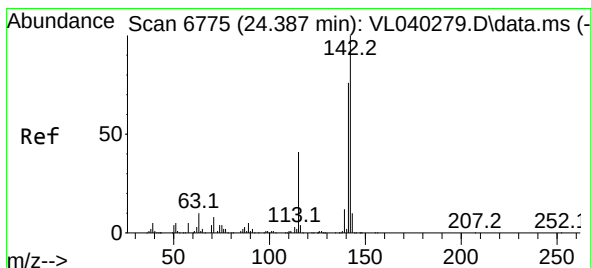
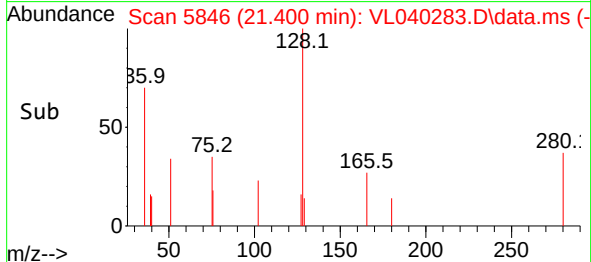
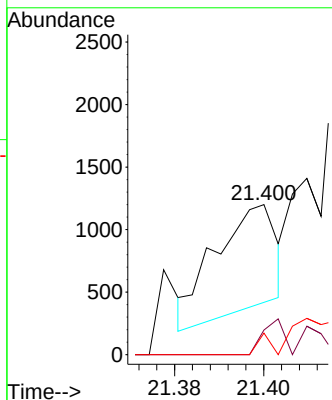
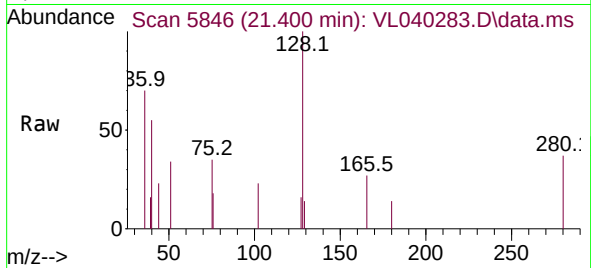




#79
Naphthalene
Concen: 0.005 ppbv
RT: 21.400 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

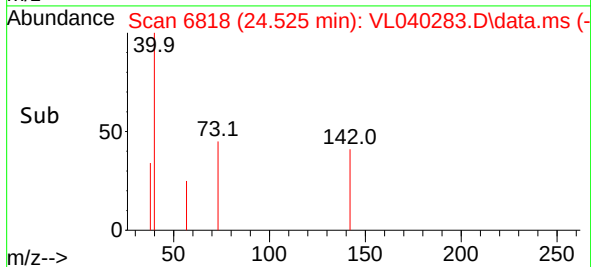
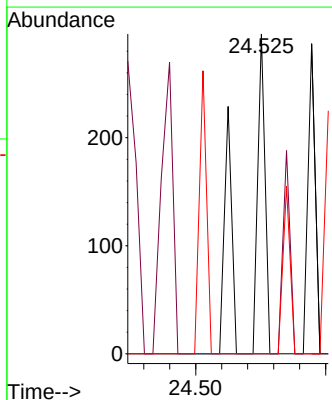
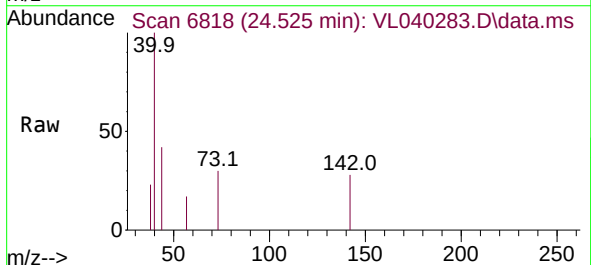
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

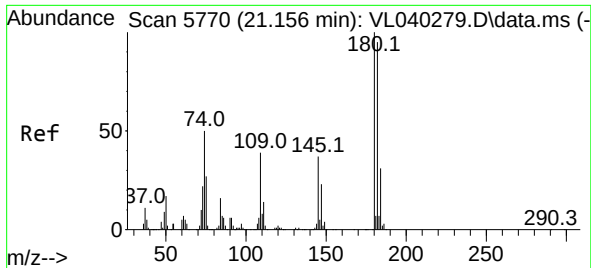
Tgt Ion:128 Resp: 793
Ion Ratio Lower Upper
128 100
127 26.5 9.6 14.4#
129 23.1 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.525 min Scan# 6818
Delta R.T. 0.138 min
Lab File: VL040283.D
Acq: 15 Mar 2023 14:07

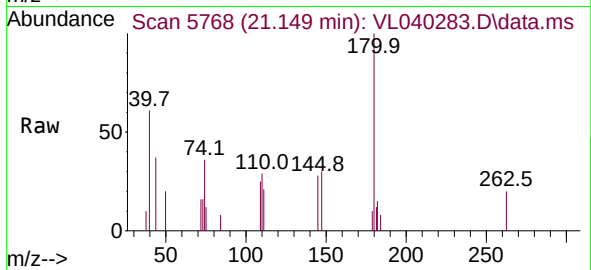
Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
141 227.7 65.5 98.3#
115 50.5 33.5 50.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.011 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: VL040283.D
 Acq: 15 Mar 2023 14:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1



Tgt Ion:180 Resp: 1157
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.1 114.1#
 184 0.0 24.4 36.6#

