

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040285.D
 Acq On : 15 Mar 2023 15:25
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Mar 16 07:22:42 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	5.198	49	1128627	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2842571	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2742707	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	2410031	10.493	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	2835017	12.803	ppbv	93
3) Chlorodifluoromethane	2.677	51	1803186	12.705	ppbv	100
4) Chloromethane	2.816	50	1145527	13.072	ppbv	97
5) Vinyl Chloride	2.922	62	990735	13.962	ppbv	100
6) Bromomethane	3.124	94	336145	13.661	ppbv	99
7) Chloroethane	3.202	64	377845	13.870	ppbv	98
8) Dichlorotetrafluoroethane	2.861	85	2467917	13.020	ppbv	100
9) Propene	2.697	41	739865	13.608	ppbv	94
10) Heptane	7.590	43	1927392	14.738	ppbv	99
11) Trichlorofluoromethane	3.568	101	2629478	13.106	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1979814	13.139	ppbv	99
13) Ethanol	3.250	45	36490	9.151	ppbv	93
14) Bromoethene	3.369	108	797458	14.188	ppbv	99
15) Acetone	3.472	43	1719121	12.512	ppbv	99
16) 1,3-Butadiene	2.989	39	891779	14.279	ppbv	98
17) tert-Butyl alcohol	3.883	59	1580321	12.102	ppbv	99
18) 1,1-Dichloroethene	3.883	96	865133	13.384	ppbv	99
19) Isopropyl Alcohol	3.581	45	770614	11.708	ppbv #	97
20) Methylene Chloride	3.938	84	732422	12.671	ppbv	97
21) Allyl Chloride	4.002	41	1239171	13.923	ppbv	99
22) trans-1,2-Dichloroethene	4.452	96	937013	14.242	ppbv	98
23) Vinyl Acetate	4.632	43	581811	15.220	ppbv #	96
24) 1,1-Dichloroethane	4.568	63	1801958	13.216	ppbv	98
25) Ethyl Acetate	5.211	43	3508434	13.639	ppbv	100
26) Hexane	5.221	57	1477434	13.992	ppbv	98
27) Carbon Disulfide	4.128	76	2249153	15.250	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	1626611	13.416	ppbv	100
29) Chloroform	5.282	83	2574162	13.806	ppbv	99
30) Cyclohexane	6.610	84	1242638	14.934	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	1536128	14.938	ppbv	99
32) 1,1,1-Trichloroethane	6.012	97	2580049	14.443	ppbv	100
34) 2-Butanone	4.793	43	1950589	13.904	ppbv	100
35) Carbon Tetrachloride	6.504	117	2732206	15.316	ppbv	98
36) Benzene	6.381	78	3129077	14.444	ppbv	99
37) 1,2-Dichloroethane	5.816	62	2018287	14.314	ppbv	100
38) Trichloroethene	7.304	130	1940611	16.393	ppbv	99
39) 1,2-Dichloropropane	7.086	63	1216727	14.316	ppbv	99
40) 1,4-Dioxane	7.298	88	468420	13.931	ppbv	84
41) Tetrahydrofuran	5.562	42	1197765	14.793	ppbv	99
42) Bromodichloromethane	7.259	83	2879245	14.944	ppbv	100
43) Methyl Methacrylate	7.484	69	1301773	16.170	ppbv	99
44) 2,2,4-Trimethylpentane	7.336	57	5197726	14.391	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	1319635	18.804	ppbv	99

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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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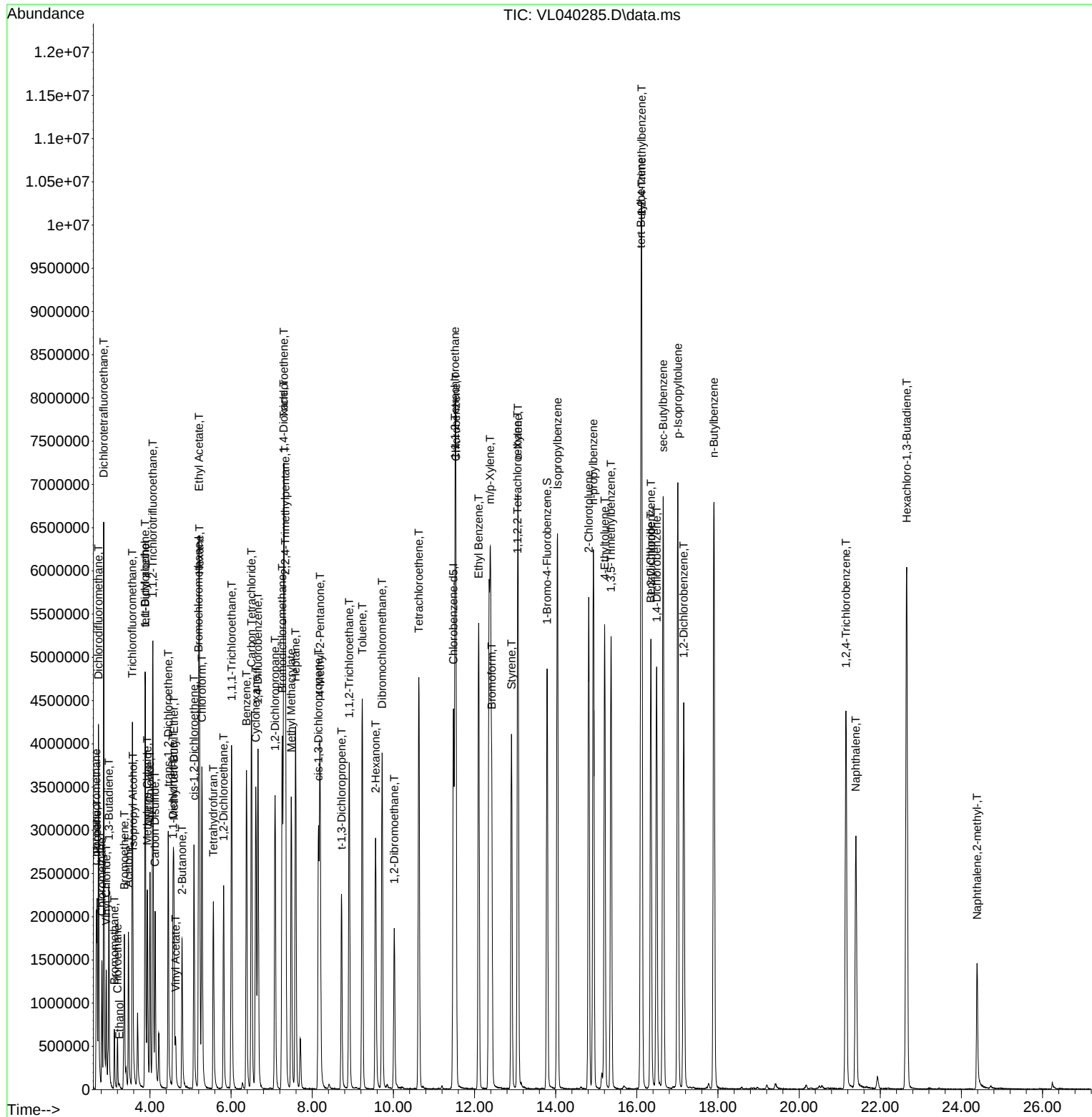
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1735243	17.412	ppbv	99
47) 1,1,2-Trichloroethane	8.912	97	1344515	14.827	ppbv	95
48) Dibromochloromethane	9.722	129	2377610	15.932	ppbv	100
49) Bromoform	12.423	173	1869178	16.677	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	3291460	15.161	ppbv	100
51) 2-Hexanone	9.561	43	2620092	15.579	ppbv #	99
52) Tetrachloroethene	10.629	164	1090516	16.639	ppbv	99
53) Toluene	9.233	91	3661124	16.127	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1519761	16.282	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.520	131	1667946	14.456	ppbv	97
57) Chlorobenzene	11.542	112	2841220	14.563	ppbv	98
58) Ethyl Benzene	12.101	91	4982104	15.953	ppbv	97
59) m/p-Xylene	12.384	91	4751308	16.608	ppbv #	42
60) o-Xylene	13.073	91	4183939	15.298	ppbv	99
61) Styrene	12.912	104	2451903	17.667	ppbv	99
62) Isopropylbenzene	14.044	105	5739718	14.737	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	1334434	13.867	ppbv	99
64) n-propylbenzene	14.931	120	1492957	15.665	ppbv	93
65) tert-Butylbenzene	16.105	119	4955393	14.765	ppbv	99
66) Benzyl Chloride	16.342	91	374144	17.153	ppbv	99
67) sec-Butylbenzene	16.651	105	6927833	14.433	ppbv	99
69) p-Isopropyltoluene	17.011	119	5594155	14.966	ppbv	100
70) n-Butylbenzene	17.902	91	6031417	14.646	ppbv	99
71) 2-Chlorotoluene	14.815	91	4472795	15.089	ppbv	99
72) 4-Ethyltoluene	15.207	105	4678832	15.647	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	4119677	15.210	ppbv	97
74) 1,2,4-Trimethylbenzene	16.121	105	4474955	14.488	ppbv #	92
75) 1,3-Dichlorobenzene	16.349	146	2434847	14.554	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	2413678	15.127	ppbv	100
77) 1,2-Dichlorobenzene	17.156	146	2289760	14.240	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1664518	14.115	ppbv	100
79) Naphthalene	21.400	128	3600935	19.707	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	1006302	21.745	ppbv	97
81) 1,2,4-Trichlorobenzene	21.153	180	1875044	16.660	ppbv	99

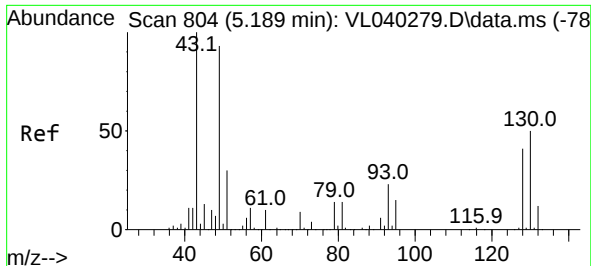
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.198 min Scan# 80

Delta R.T. 0.009 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

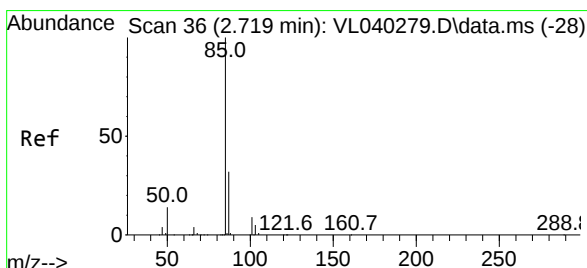
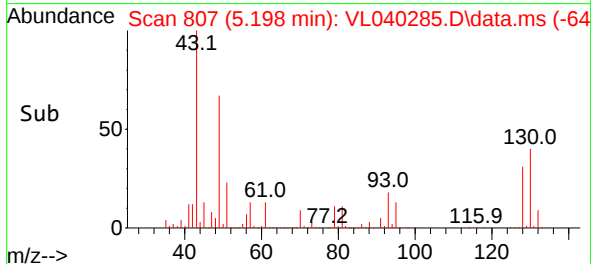
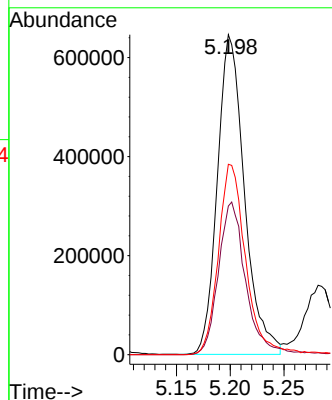
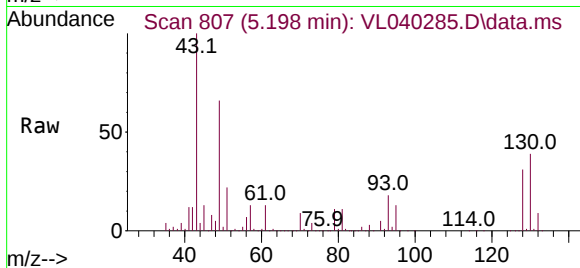
Tgt Ion: 49 Resp: 1128627

Ion Ratio Lower Upper

49 100

128 48.8 22.4 67.3

130 61.2 28.7 86.1



#2

Dichlorodifluoromethane

Concen: 12.803 ppbv

RT: 2.732 min Scan# 40

Delta R.T. 0.013 min

Lab File: VL040285.D

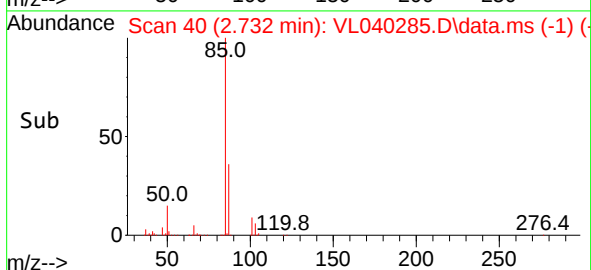
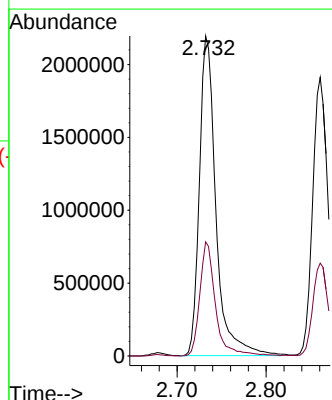
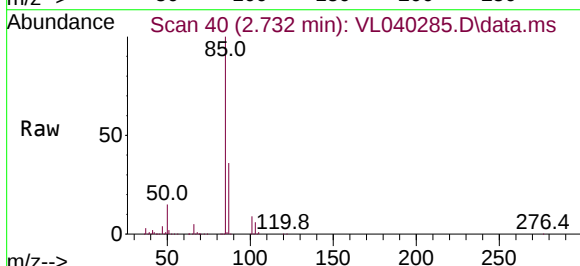
Acq: 15 Mar 2023 15:25

Tgt Ion: 85 Resp: 2835017

Ion Ratio Lower Upper

85 100

87 35.7 25.5 38.3

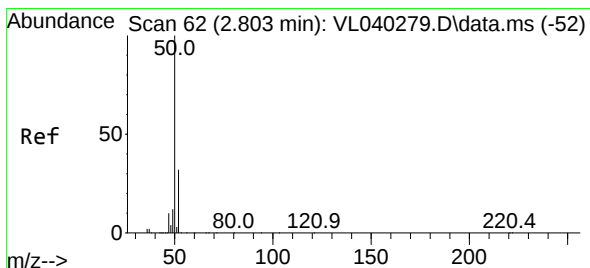
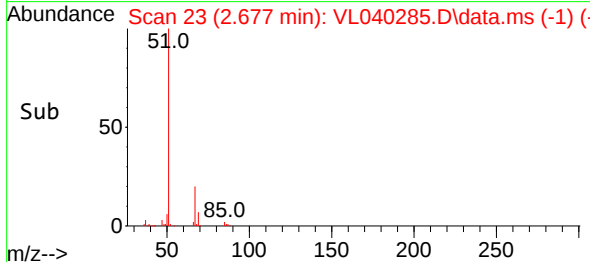
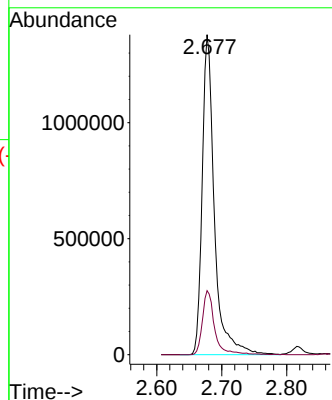
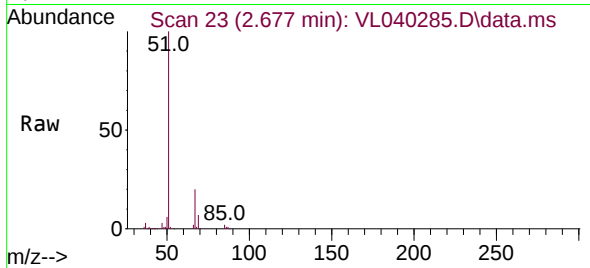




#3
Chlorodifluoromethane
Concen: 12.705 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

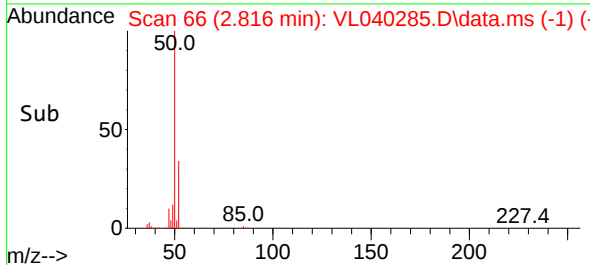
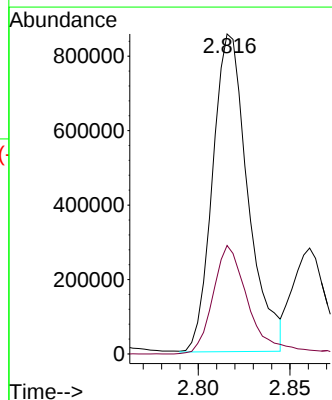
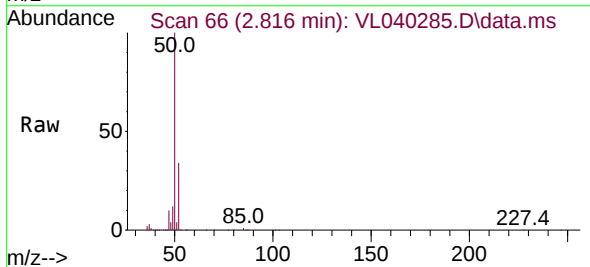
Instrument :
MSVOA_L
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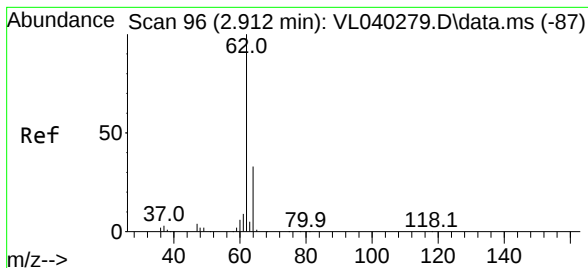
Tgt Ion: 51 Resp: 1803186
Ion Ratio Lower Upper
51 100
67 20.1 16.0 24.0



#4
Chloromethane
Concen: 13.072 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.013 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 50 Resp: 1145527
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9

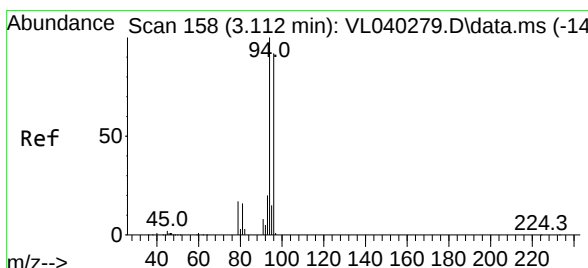
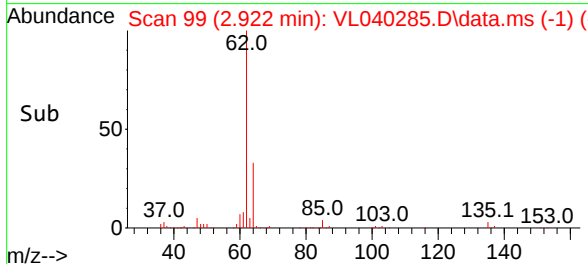
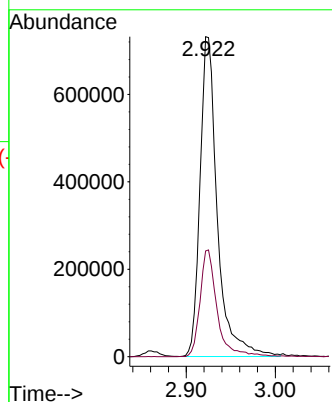
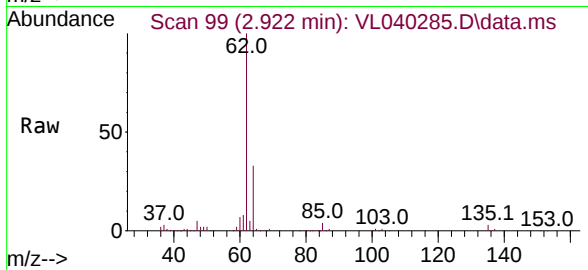




#5
 Vinyl Chloride
 Concen: 13.962 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.010 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

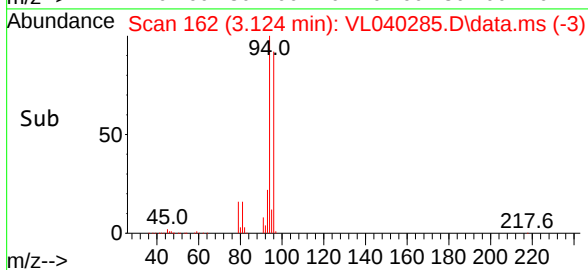
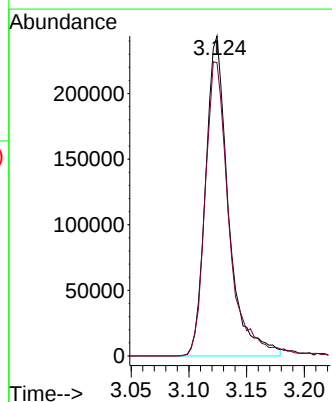
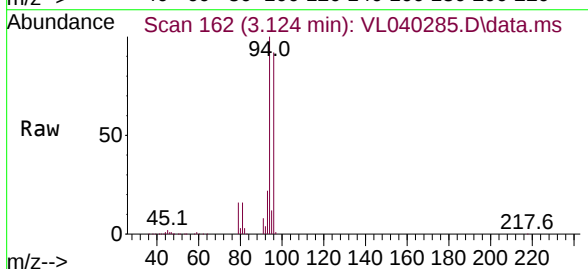
Instrument :
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 ClientSampleId :
 VSTDIC015

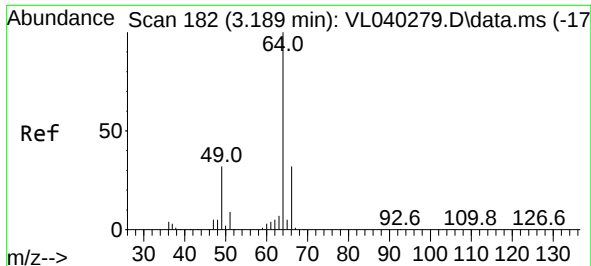
Tgt Ion: 62 Resp: 990735
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.4 39.6



#6
 Bromomethane
 Concen: 13.661 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.013 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Tgt Ion: 94 Resp: 336145
 Ion Ratio Lower Upper
 94 100
 96 91.6 73.7 110.5

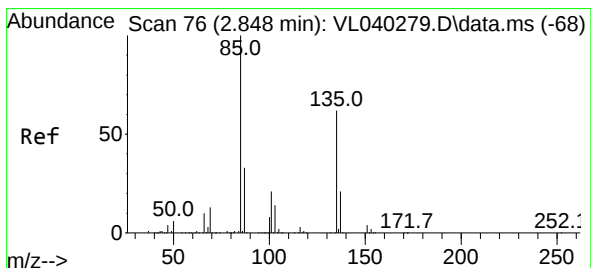
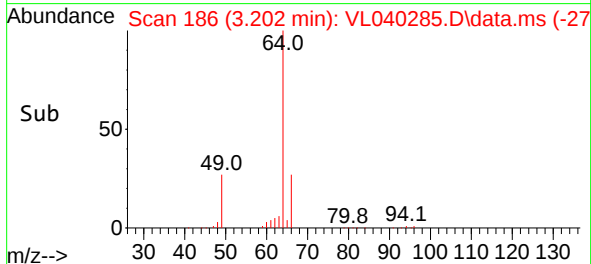
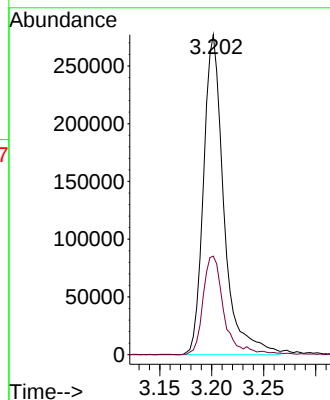
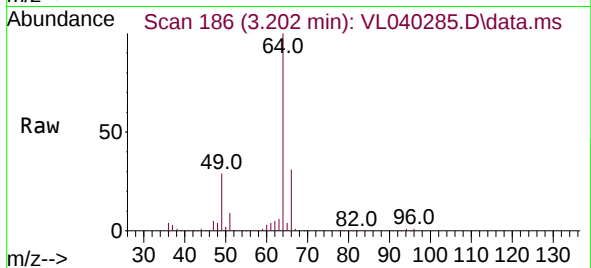




#7
Chloroethane
Concen: 13.870 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

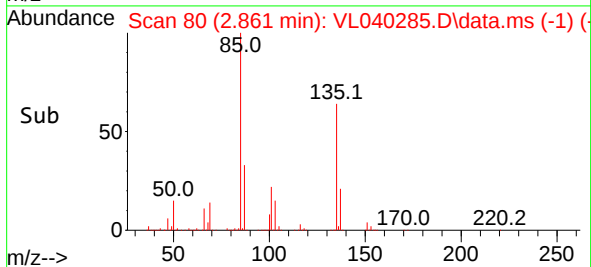
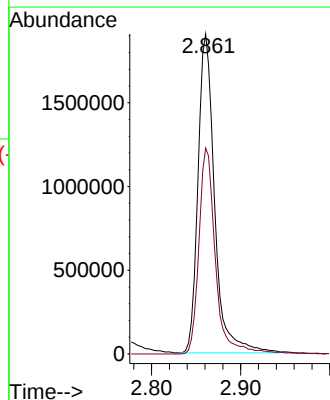
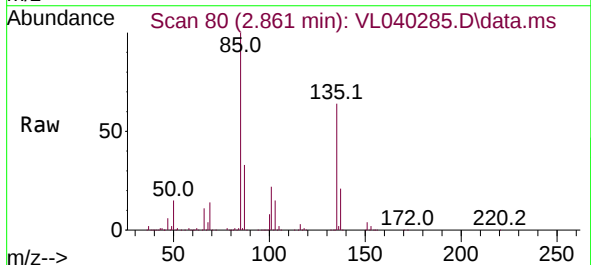
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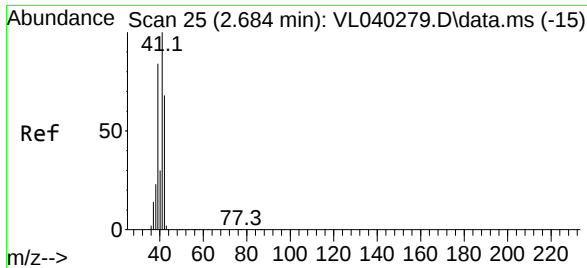
Tgt Ion: 64 Resp: 377845
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 13.020 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 85 Resp: 2467917
Ion Ratio Lower Upper
85 100
135 64.8 52.0 78.0

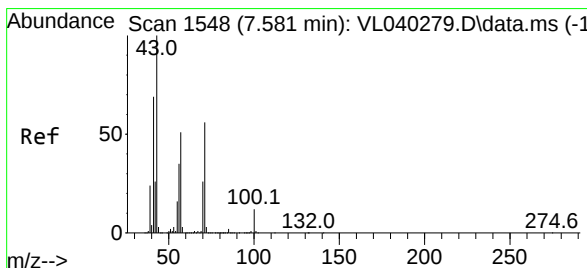
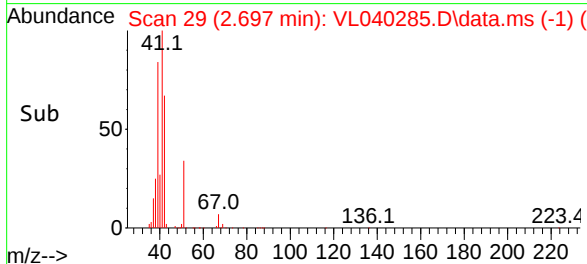
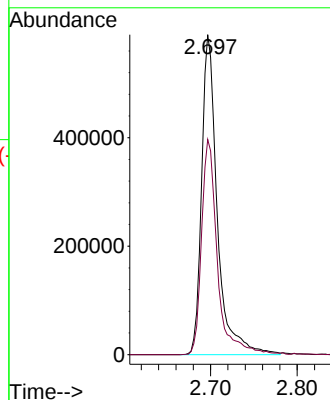
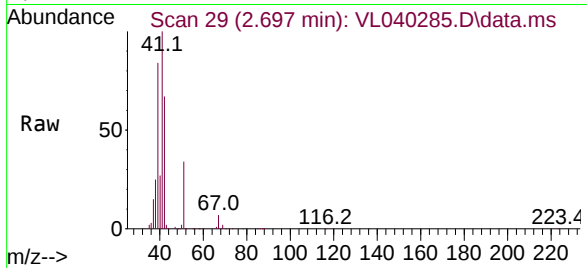




#9
 Propene
 Concen: 13.608 ppbv
 RT: 2.697 min Scan# 24
 Delta R.T. 0.013 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

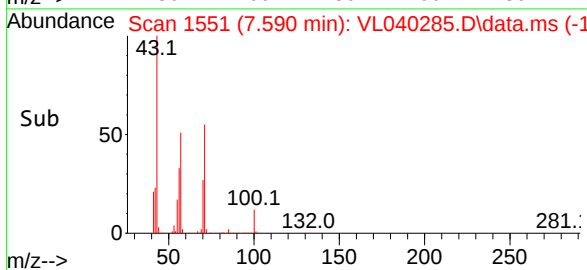
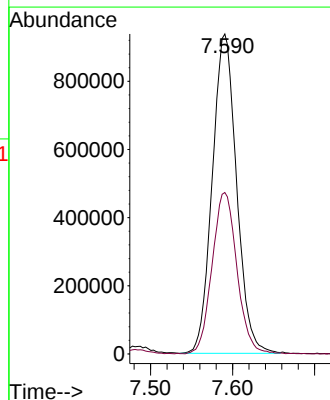
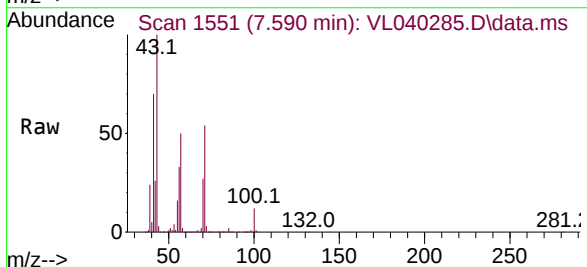
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Tgt Ion: 41 Resp: 739865
 Ion Ratio Lower Upper
 41 100
 42 68.3 59.0 88.4



#10
 Heptane
 Concen: 14.738 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.010 min
 Lab File: VL040285.D
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Tgt Ion: 43 Resp: 1927392
 Ion Ratio Lower Upper
 43 100
 57 51.7 41.7 62.5

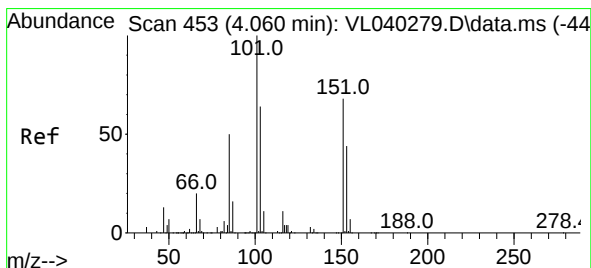
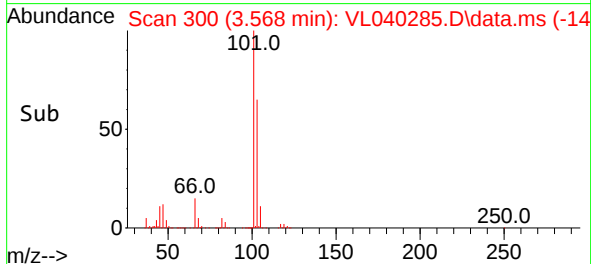
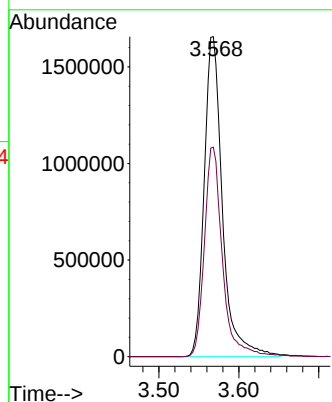
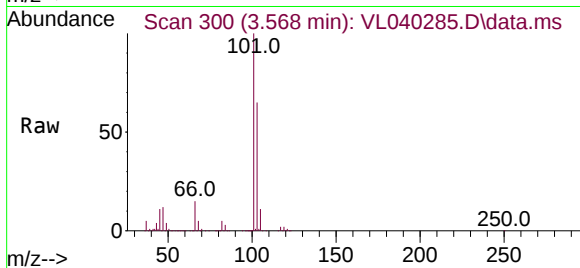




#11
 Trichlorofluoromethane
 Concen: 13.106 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

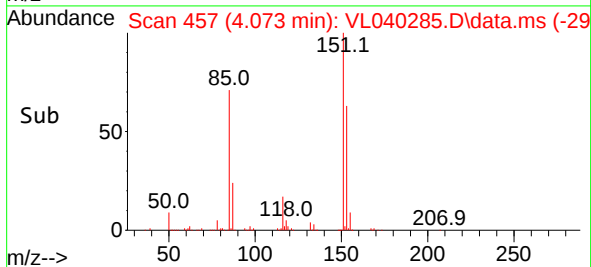
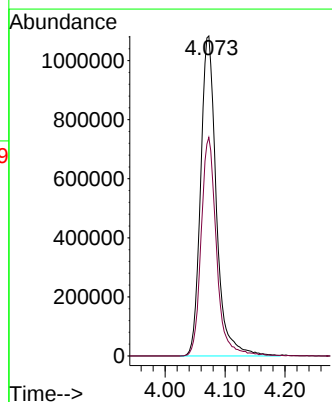
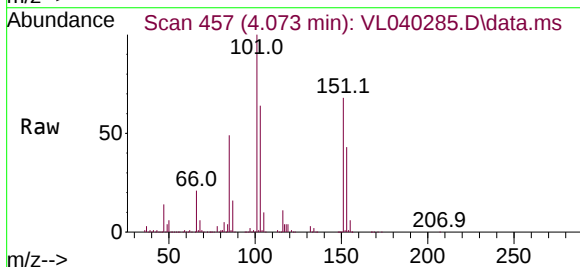
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

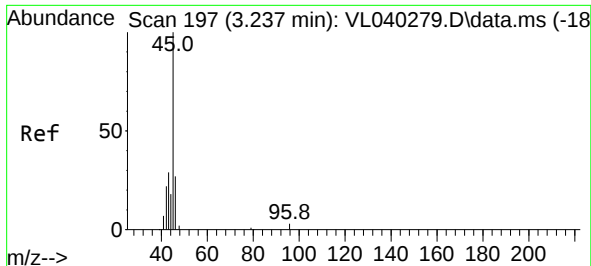
Tgt Ion:101 Resp: 2629478
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.139 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.013 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Tgt Ion:101 Resp: 1979814
 Ion Ratio Lower Upper
 101 100
 151 67.0 53.2 79.8

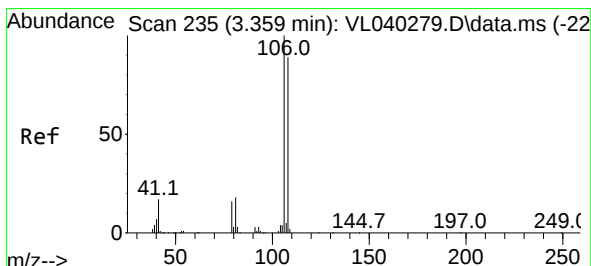
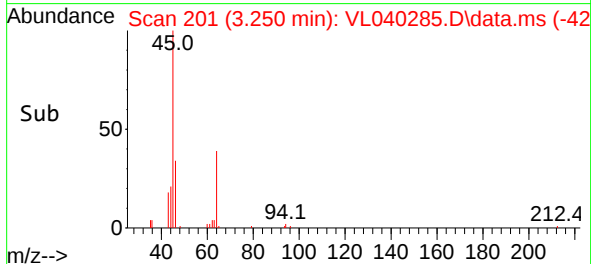
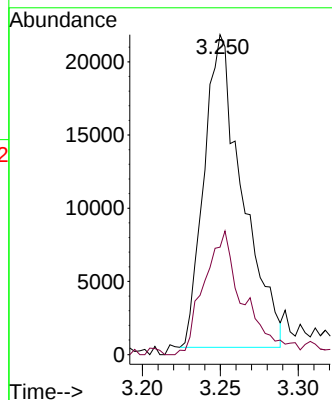
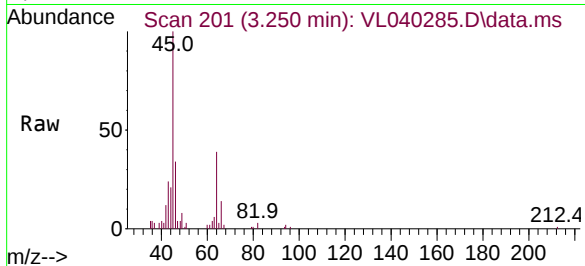




#13
 Ethanol
 Concen: 9.151 ppbv
 RT: 3.250 min Scan# 201
 Delta R.T. 0.013 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

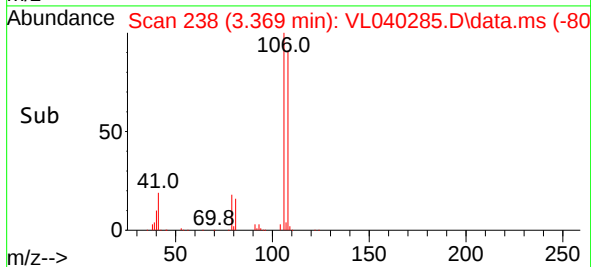
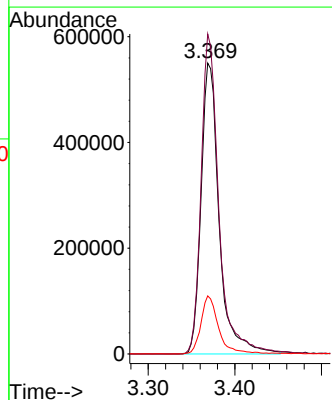
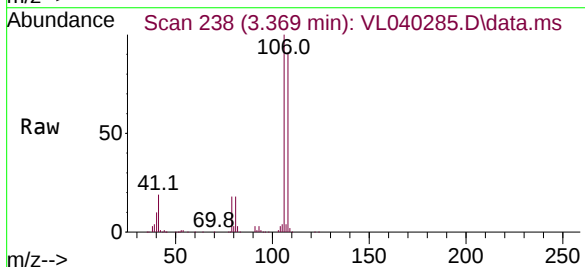
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

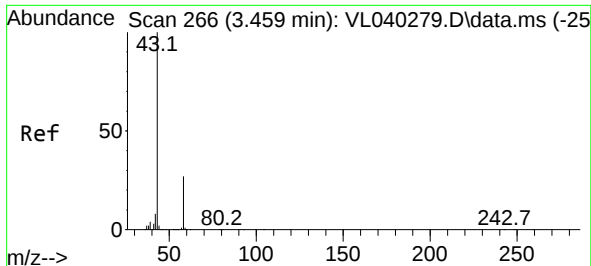
Tgt Ion: 45 Resp: 36490
 Ion Ratio Lower Upper
 45 100
 46 41.8 15.0 60.2



#14
 Bromoethene
 Concen: 14.188 ppbv
 RT: 3.369 min Scan# 238
 Delta R.T. 0.010 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Tgt Ion: 108 Resp: 797458
 Ion Ratio Lower Upper
 108 100
 106 108.6 85.8 128.8
 79 19.9 15.8 23.6

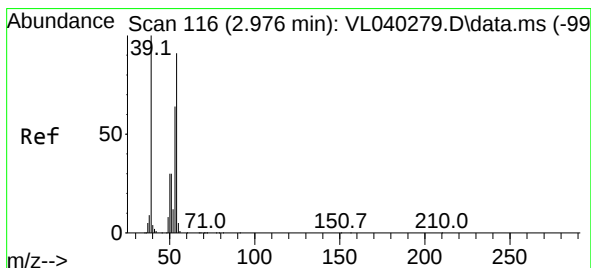
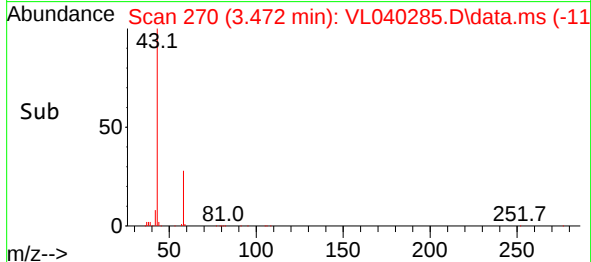
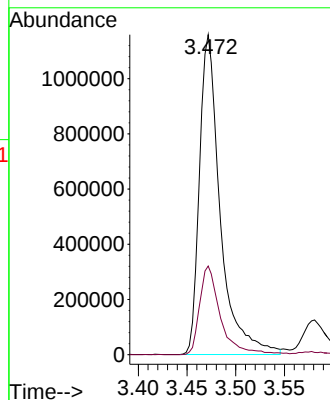
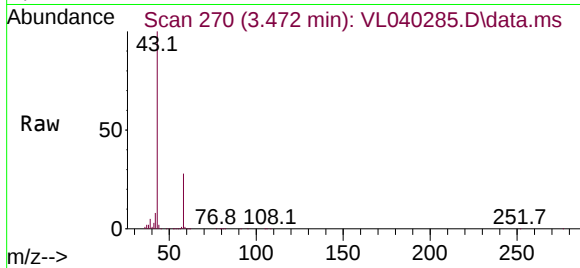




#15
Acetone
Concen: 12.512 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

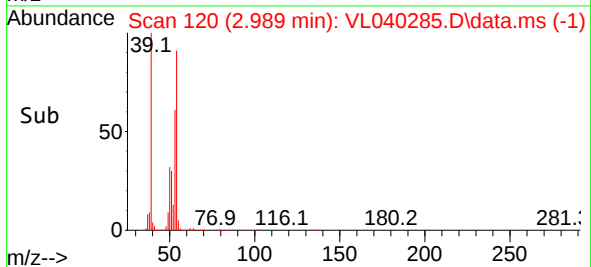
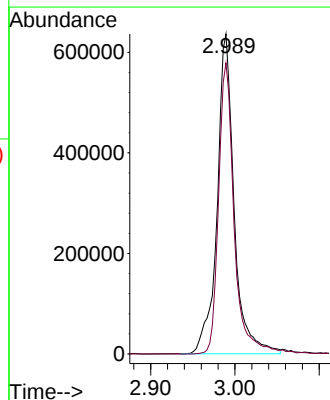
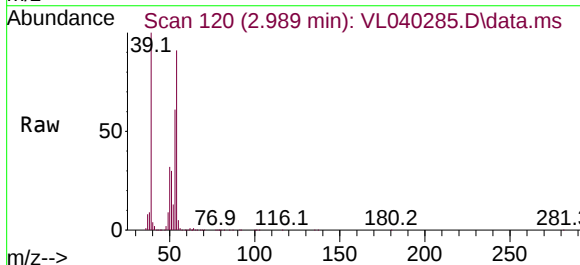
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

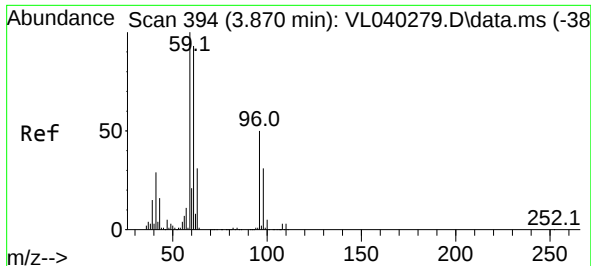
Tgt Ion: 43 Resp: 1719121
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.8



#16
1,3-Butadiene
Concen: 14.279 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.013 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 39 Resp: 891779
Ion Ratio Lower Upper
39 100
54 84.0 68.4 102.6





#17

tert-Butyl alcohol

Concen: 12.102 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.013 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

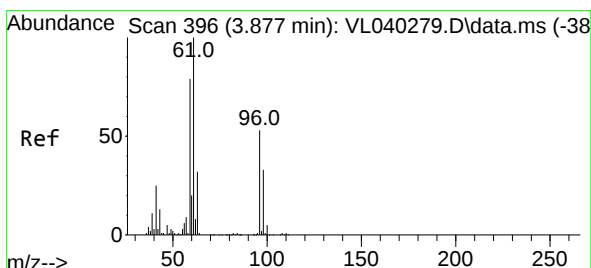
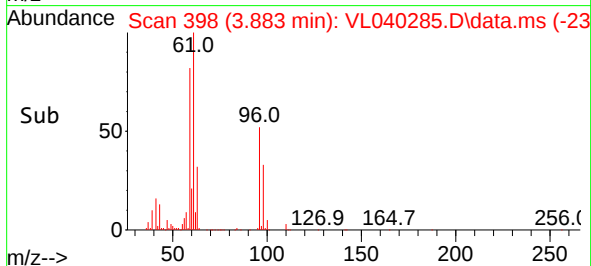
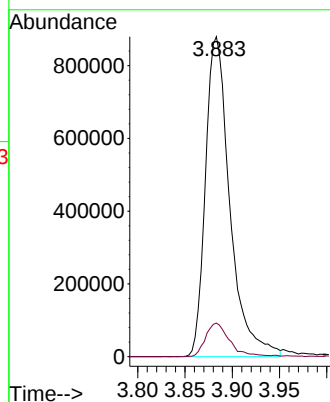
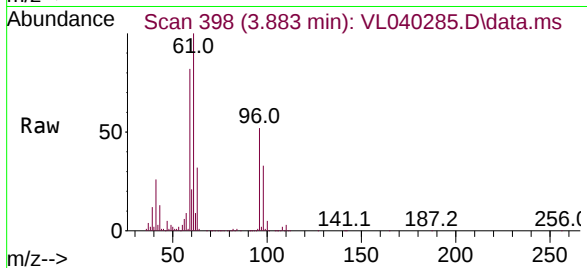
VSTDIC015

Tgt Ion: 59 Resp: 1580321

Ion Ratio Lower Upper

59 100

57 10.9 8.5 12.7



#18

1,1-Dichloroethene

Concen: 13.384 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

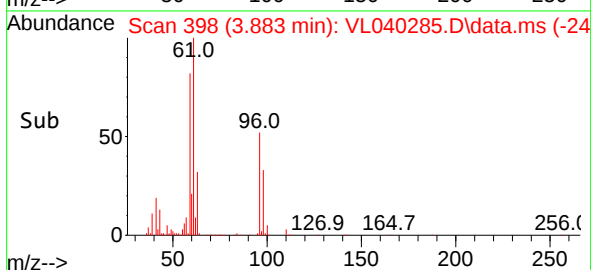
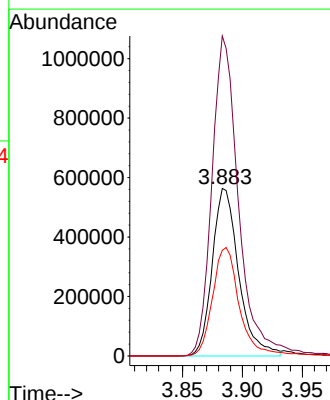
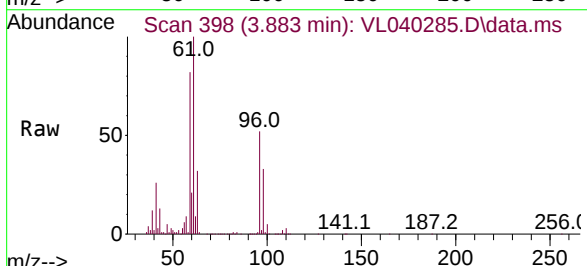
Tgt Ion: 96 Resp: 865133

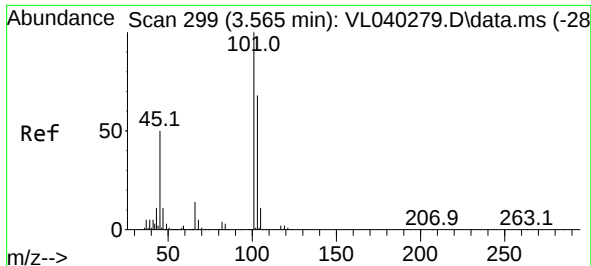
Ion Ratio Lower Upper

96 100

61 191.0 150.6 226.0

98 63.0 50.3 75.5

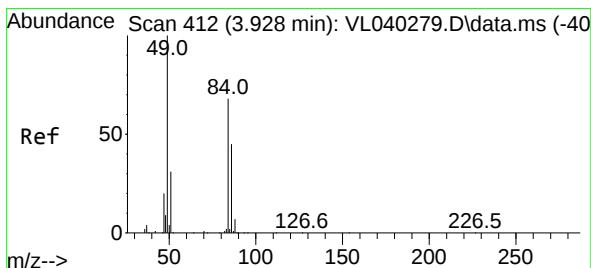
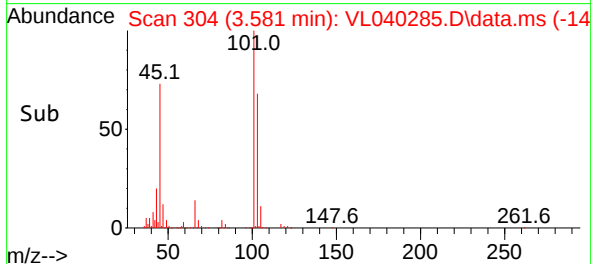
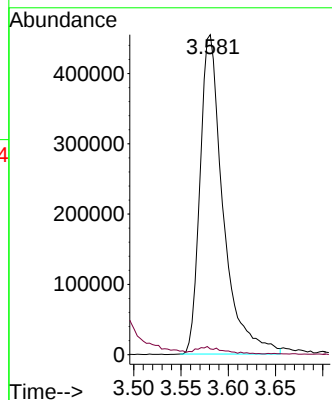
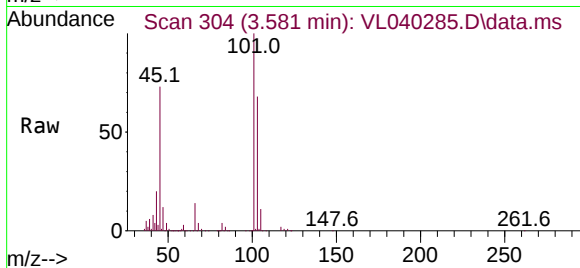




#19
Isopropyl Alcohol
Concen: 11.708 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.016 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

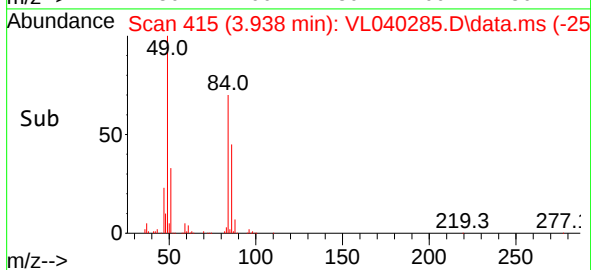
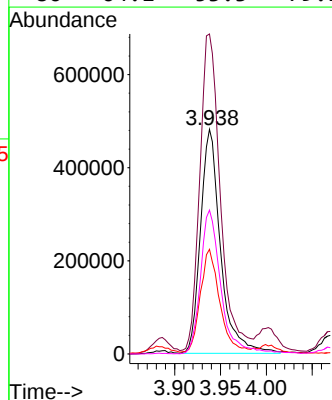
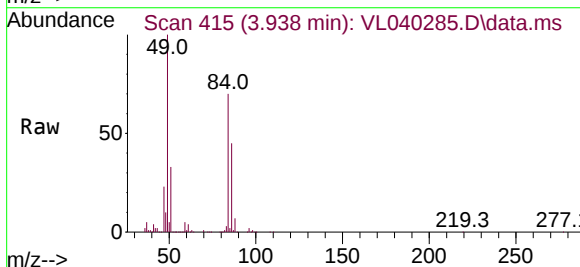
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

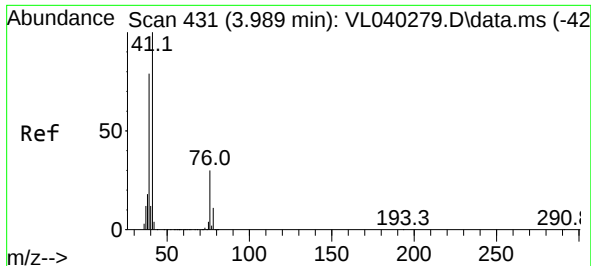
Tgt Ion: 45 Resp: 770614
Ion Ratio Lower Upper
45 100
58 2.5 2.7 4.1#



#20
Methylene Chloride
Concen: 12.671 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.010 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 84 Resp: 732422
Ion Ratio Lower Upper
84 100
49 141.3 117.5 176.3
51 45.9 36.9 55.3
86 64.1 53.3 79.9



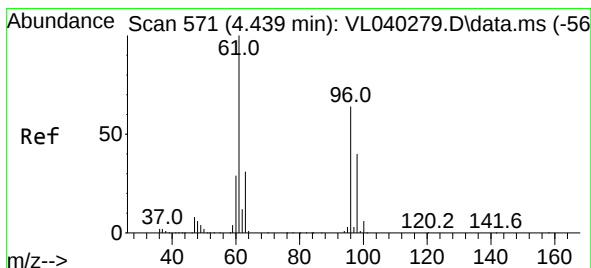
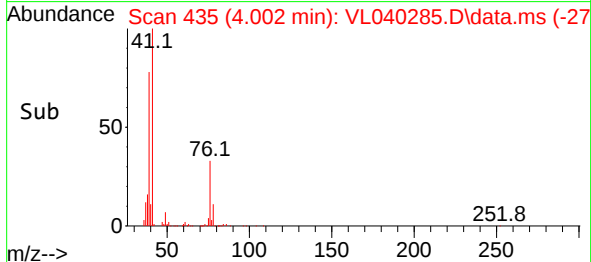
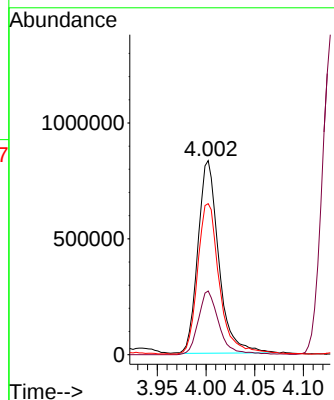
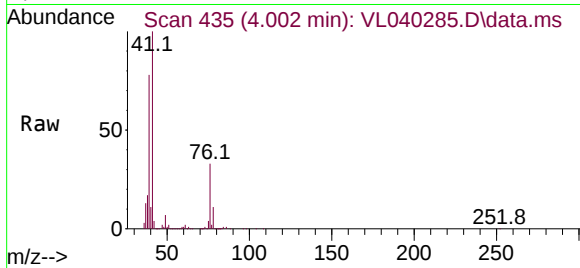


#21
 Allyl Chloride
 Concen: 13.923 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1239171

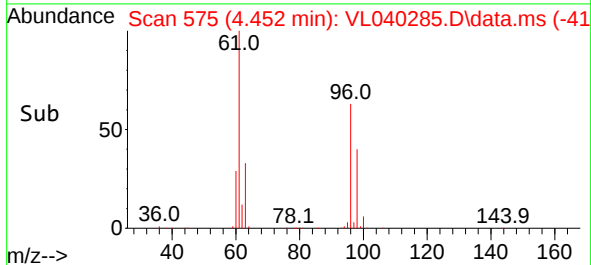
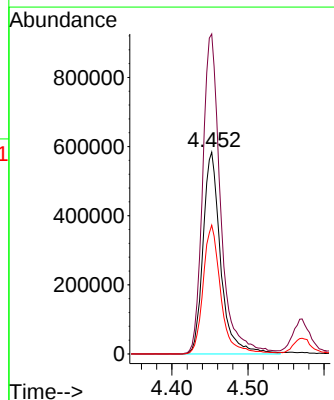
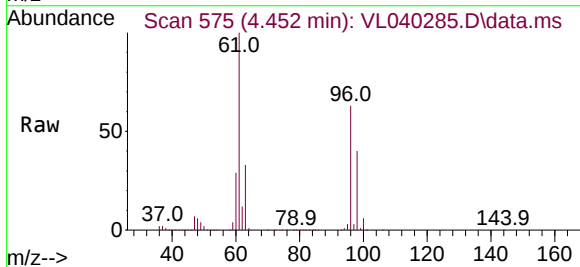
Ion	Ratio	Lower	Upper
41	100		
76	32.8	25.4	38.0
39	82.4	65.4	98.2

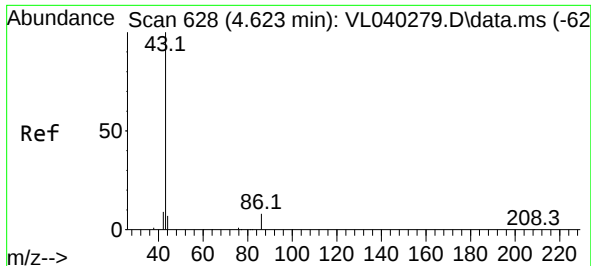


#22
 trans-1,2-Dichloroethene
 Concen: 14.242 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.013 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Tgt Ion: 96 Resp: 937013

Ion	Ratio	Lower	Upper
96	100		
61	158.5	125.4	188.2
98	63.8	49.8	74.6

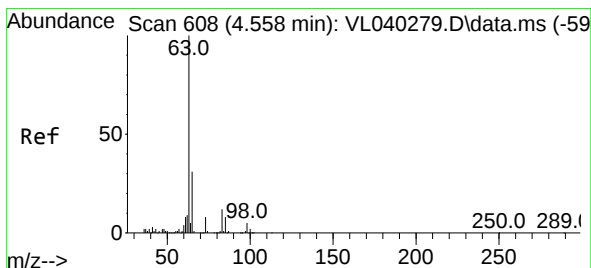
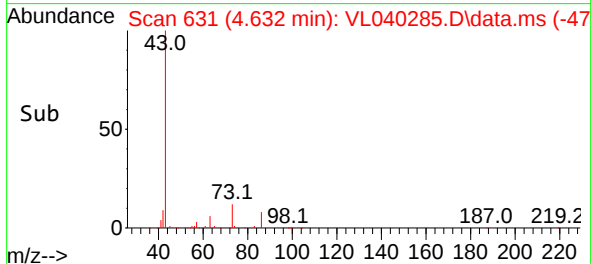
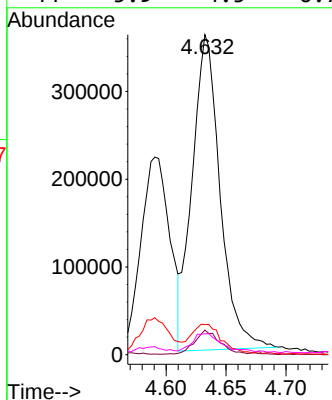
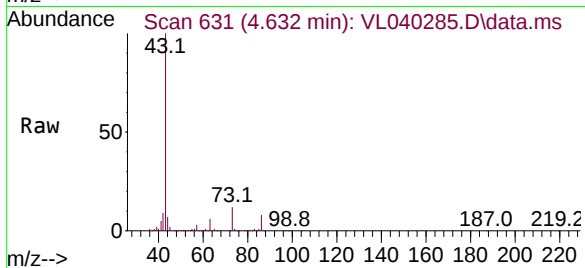




#23
 Vinyl Acetate
 Concen: 15.220 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

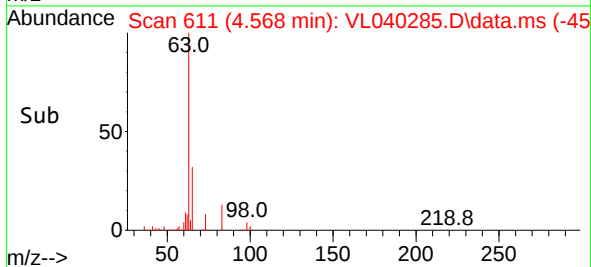
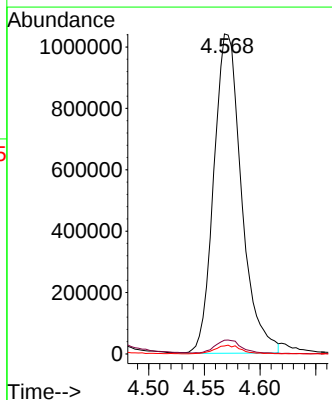
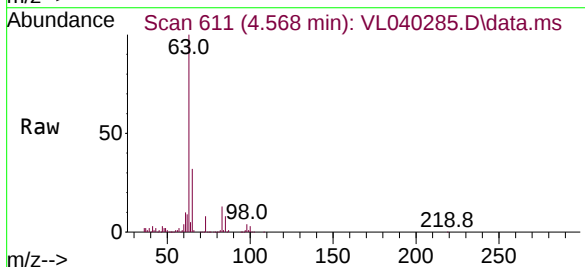
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

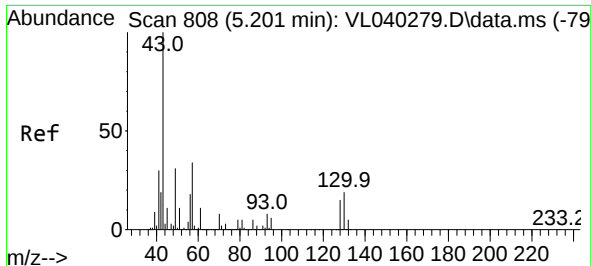
Tgt Ion: 43 Resp: 581811
 Ion Ratio Lower Upper
 43 100
 86 7.8 5.0 7.4#
 42 9.2 9.1 13.7
 44 5.9 4.5 6.7



#24
 1,1-Dichloroethane
 Concen: 13.216 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Tgt Ion: 63 Resp: 1801958
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.4 7.2
 100 2.4 1.2 3.6



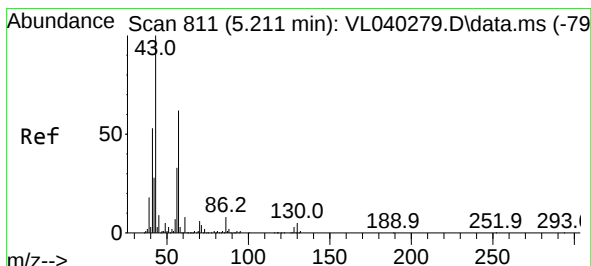
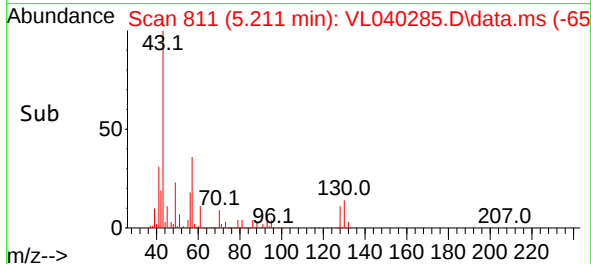
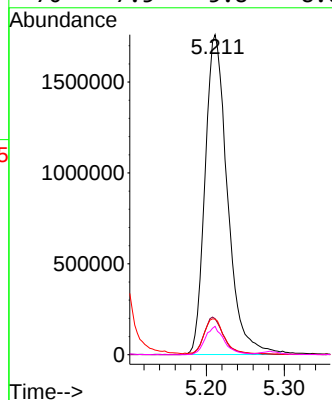
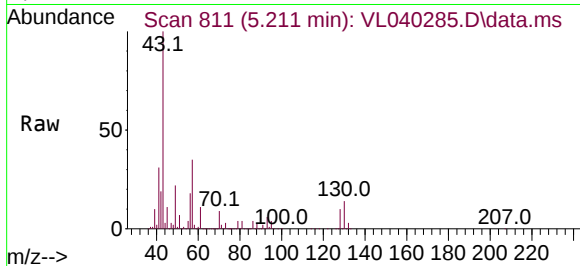


#25
Ethyl Acetate
Concen: 13.639 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 3508434

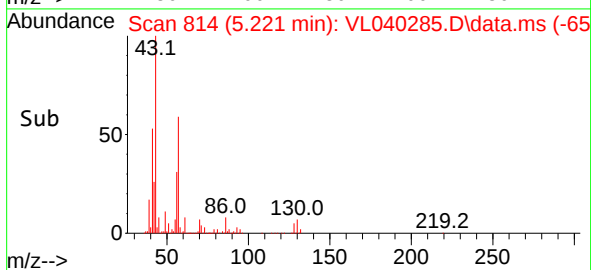
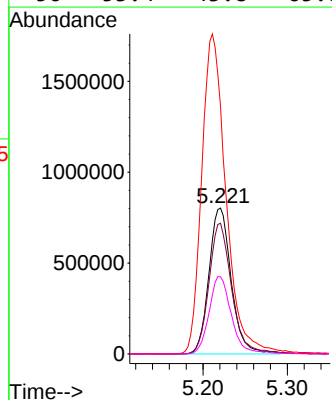
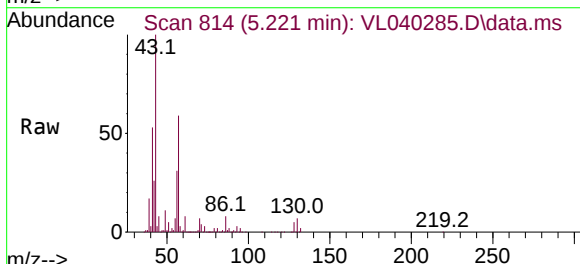
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.6	12.8
61	10.5	8.4	12.6
70	7.5	5.8	8.6

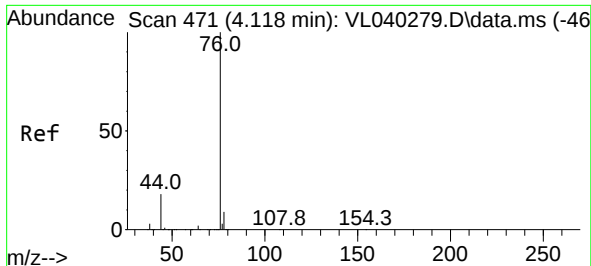


#26
Hexane
Concen: 13.992 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.010 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 57 Resp: 1477434

Ion	Ratio	Lower	Upper
57	100		
41	91.8	73.5	110.3
43	239.7	196.3	294.5
56	53.4	43.8	65.8





#27

Carbon Disulfide

Concen: 15.250 ppbv

RT: 4.128 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

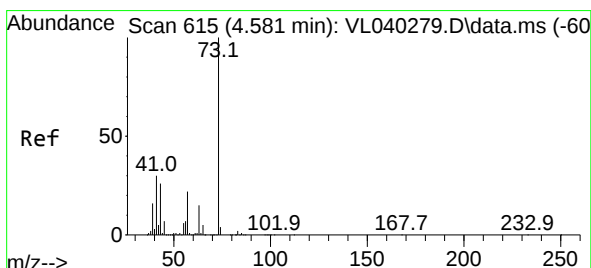
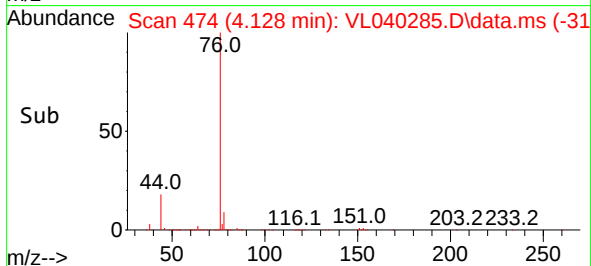
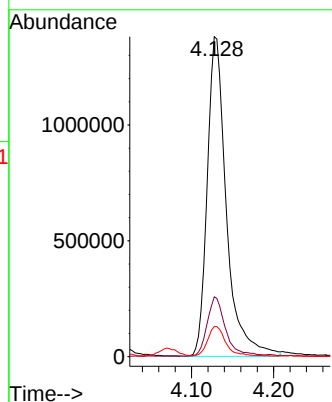
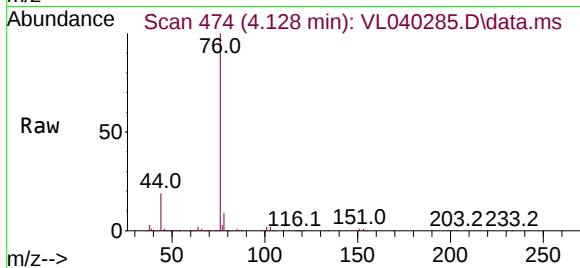
Tgt Ion: 76 Resp: 2249153

Ion Ratio Lower Upper

76 100

44 18.6 15.2 22.8

78 9.4 7.6 11.4



#28

Methyl tert-Butyl Ether

Concen: 13.416 ppbv

RT: 4.591 min Scan# 618

Delta R.T. 0.010 min

Lab File: VL040285.D

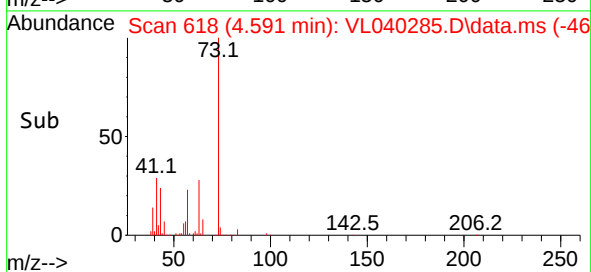
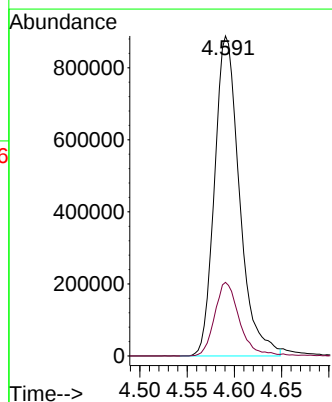
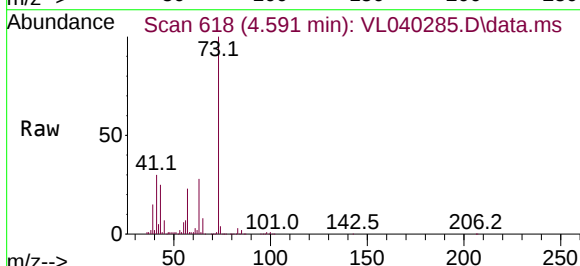
Acq: 15 Mar 2023 15:25

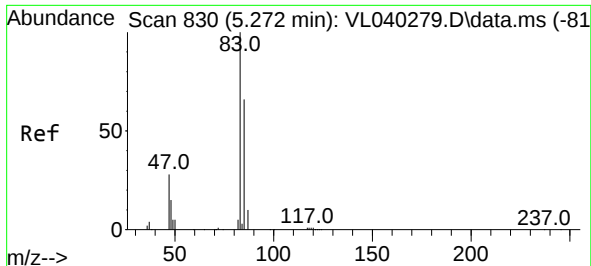
Tgt Ion: 73 Resp: 1626611

Ion Ratio Lower Upper

73 100

57 23.1 18.4 27.6





#29

Chloroform

Concen: 13.806 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

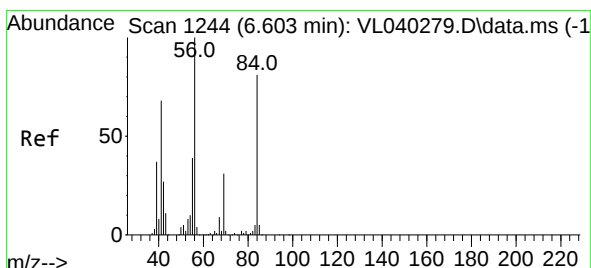
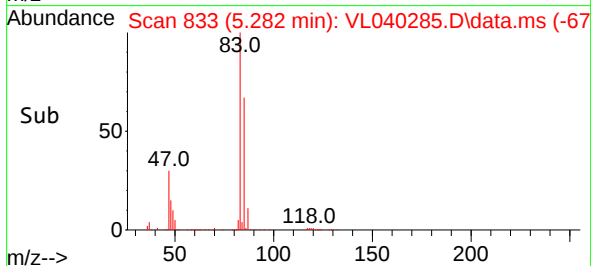
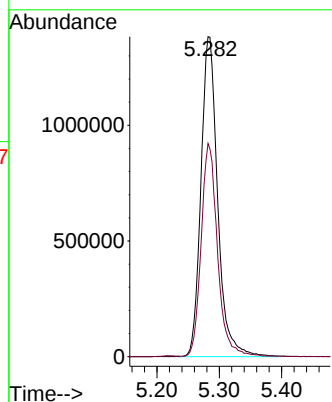
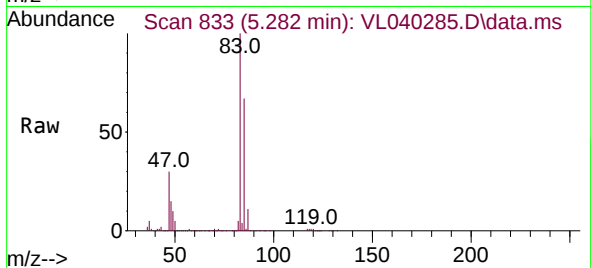
VSTDIC015

Tgt Ion: 83 Resp: 2574162

Ion Ratio Lower Upper

83 100

85 66.5 52.8 79.2



#30

Cyclohexane

Concen: 14.934 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

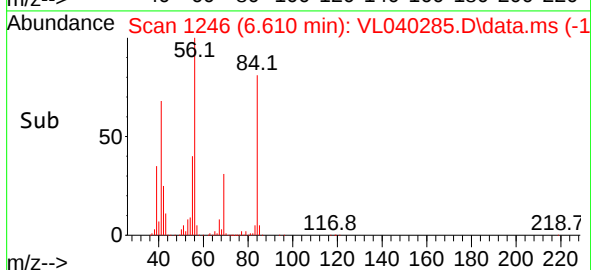
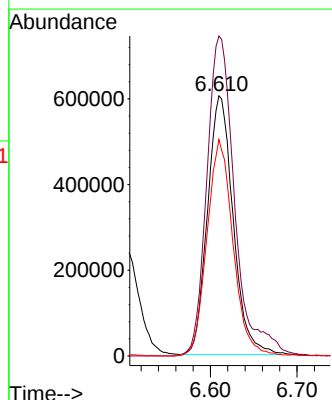
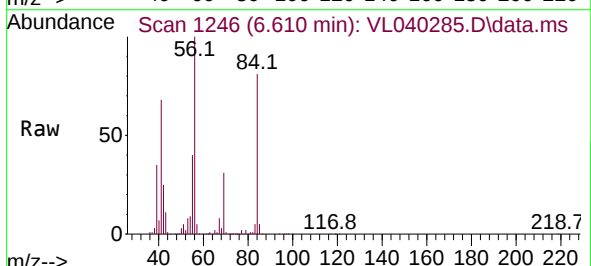
Tgt Ion: 84 Resp: 1242638

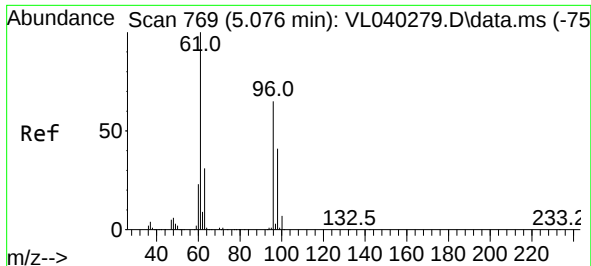
Ion Ratio Lower Upper

84 100

56 135.3 109.0 163.4

41 85.0 67.9 101.9

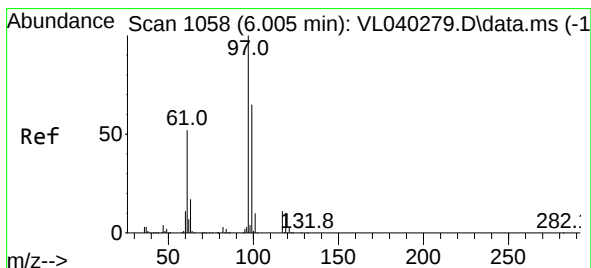
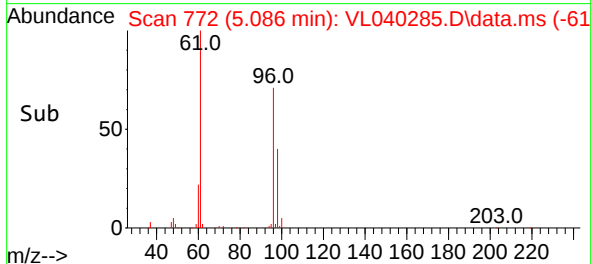
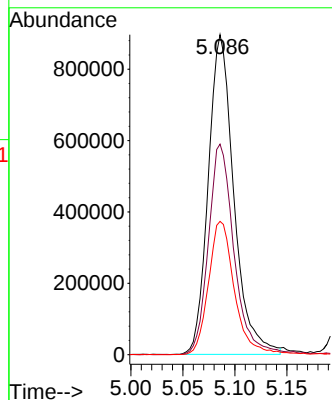
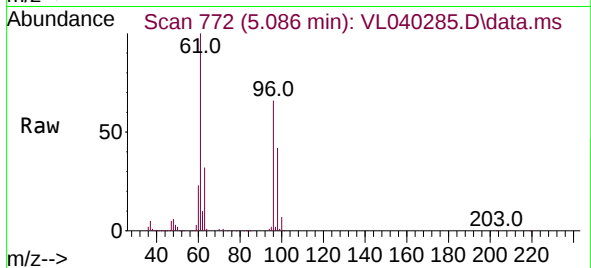




#31
 cis-1,2-Dichloroethene
 Concen: 14.938 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

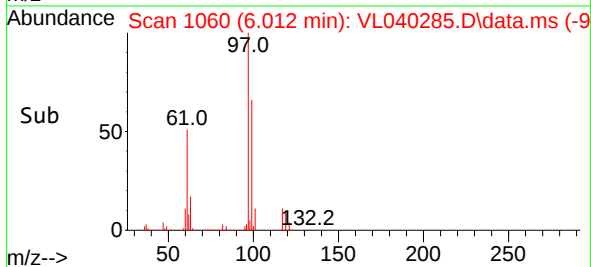
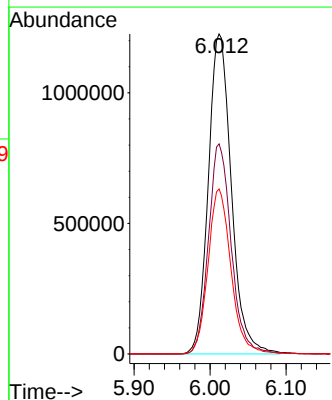
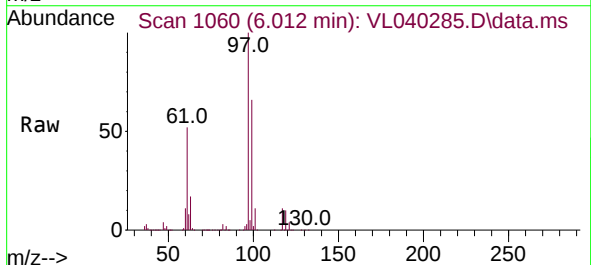
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

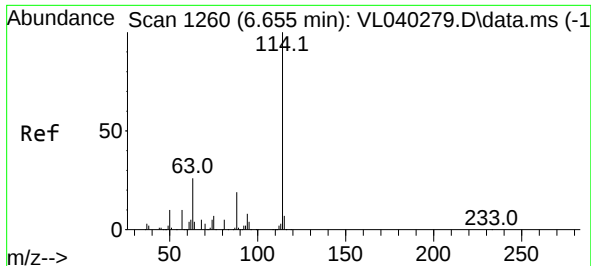
Tgt Ion: 61 Resp: 1536128
 Ion Ratio Lower Upper
 61 100
 96 65.7 51.8 77.8
 98 41.6 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 14.443 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.006 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Tgt Ion: 97 Resp: 2580049
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.2 78.2
 61 51.5 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

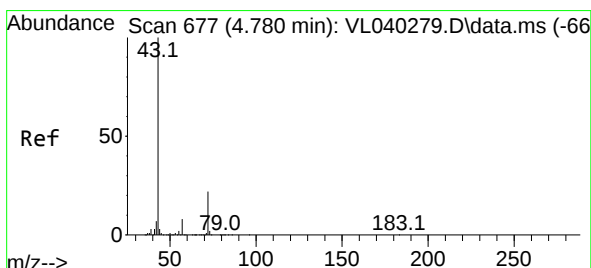
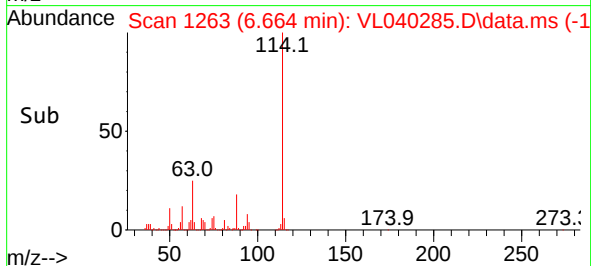
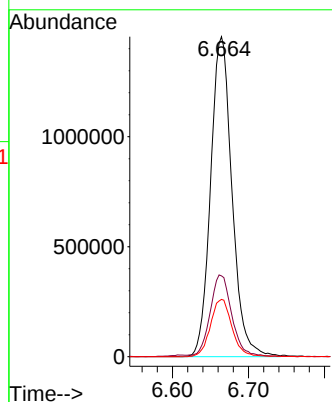
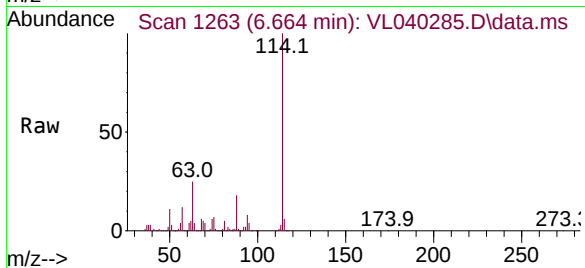
Tgt Ion:114 Resp: 2842571

Ion Ratio Lower Upper

114 100

63 26.4 21.2 31.8

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 13.904 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.013 min

Lab File: VL040285.D

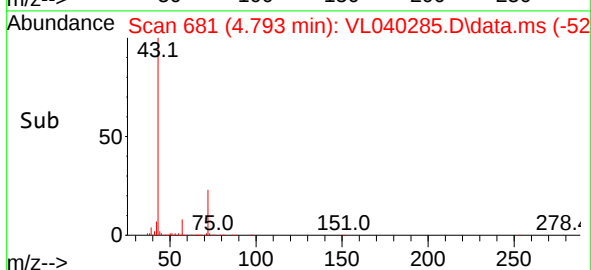
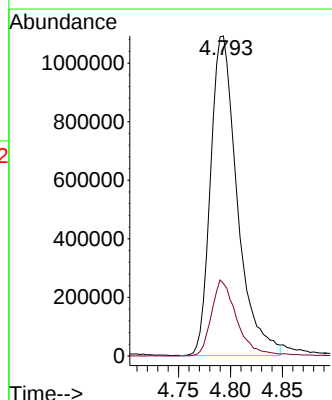
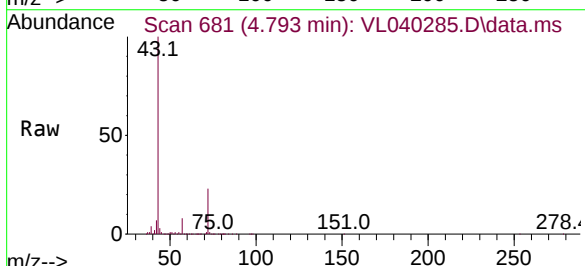
Acq: 15 Mar 2023 15:25

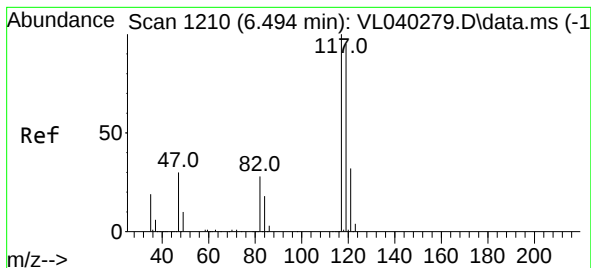
Tgt Ion: 43 Resp: 1950589

Ion Ratio Lower Upper

43 100

72 23.1 18.3 27.5





#35

Carbon Tetrachloride

Concen: 15.316 ppbv

RT: 6.504 min Scan# 1175

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

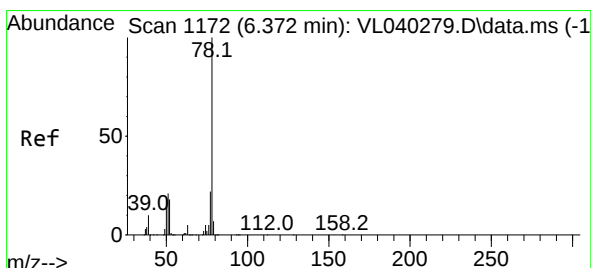
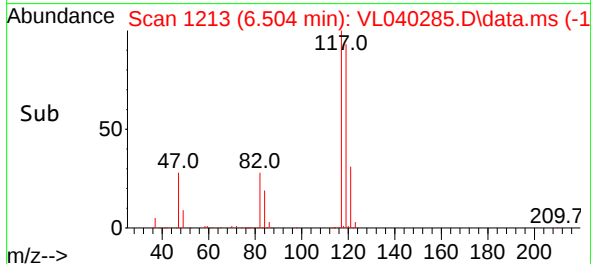
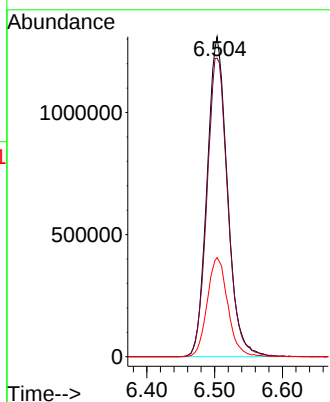
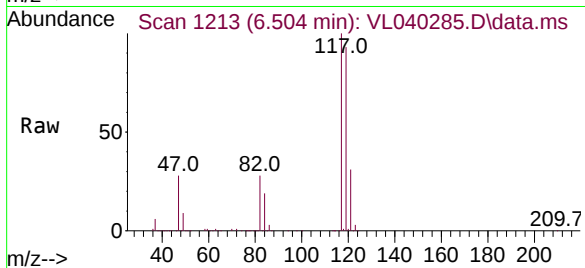
Tgt Ion:117 Resp: 2732206

Ion Ratio Lower Upper

117 100

119 93.2 76.4 114.6

121 30.9 25.6 38.4



#36

Benzene

Concen: 14.444 ppbv

RT: 6.381 min Scan# 1175

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

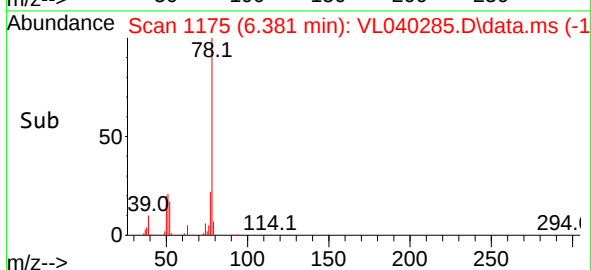
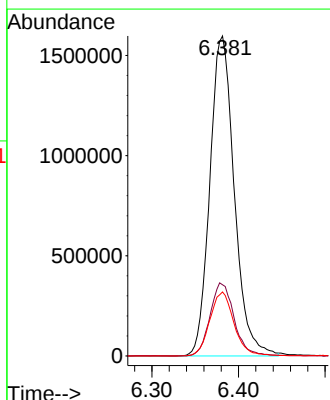
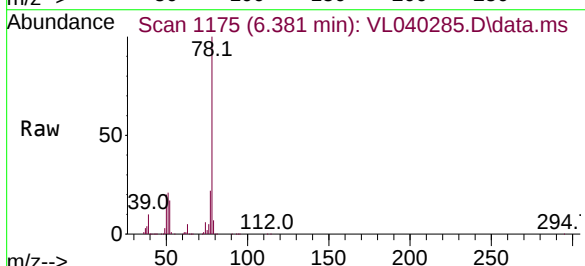
Tgt Ion: 78 Resp: 3129077

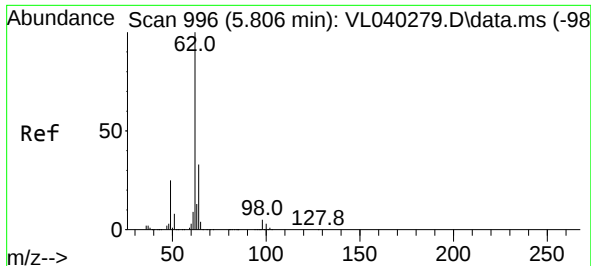
Ion Ratio Lower Upper

78 100

77 22.2 17.8 26.8

50 20.0 15.4 23.2





#37

1,2-Dichloroethane

Concen: 14.314 ppbv

RT: 5.816 min Scan# 996

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

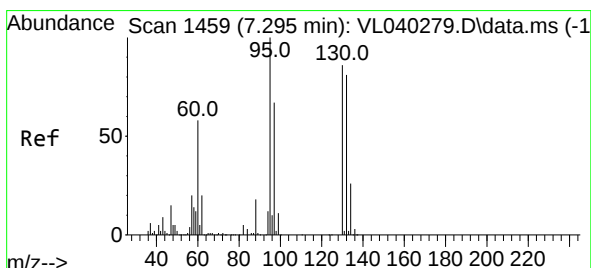
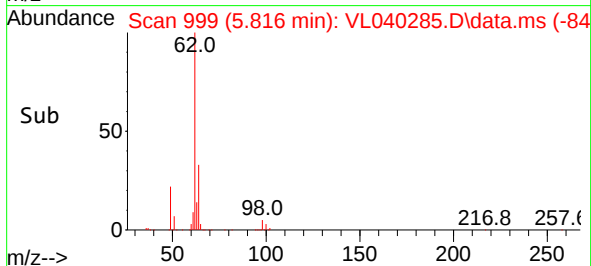
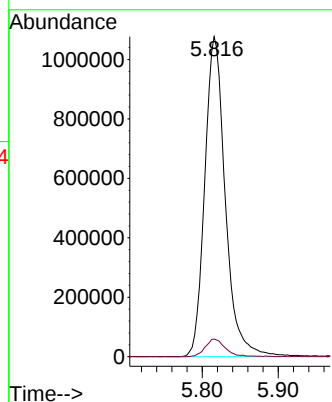
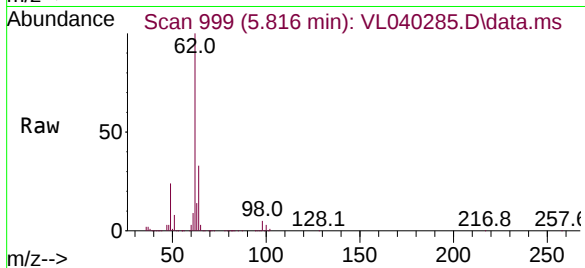
VSTDIC015

Tgt Ion: 62 Resp: 2018287

Ion Ratio Lower Upper

62 100

98 5.5 4.3 6.5



#38

Trichloroethene

Concen: 16.393 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Tgt Ion:130 Resp: 1940611

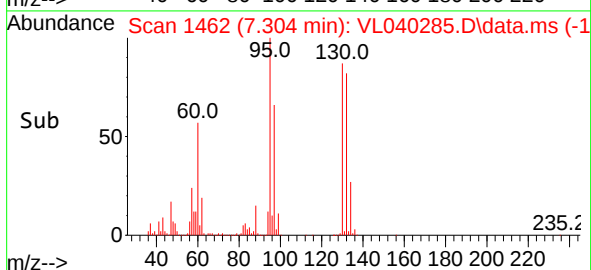
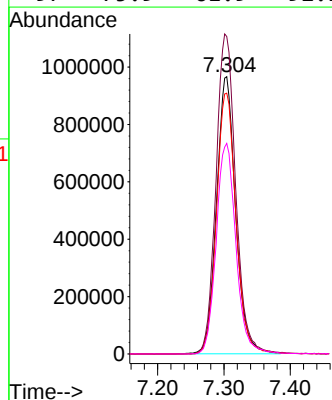
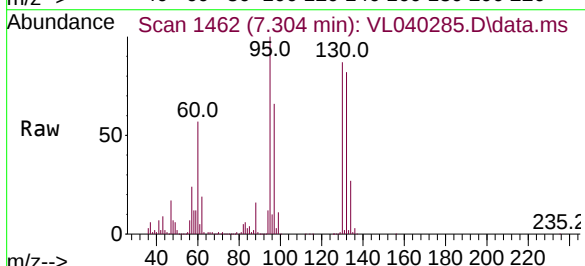
Ion Ratio Lower Upper

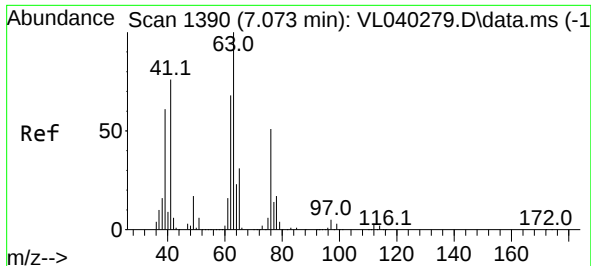
130 100

95 114.5 93.0 139.4

132 94.1 75.3 112.9

97 75.9 61.9 92.9





#39

1,2-Dichloropropane

Concen: 14.316 ppbv

RT: 7.086 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

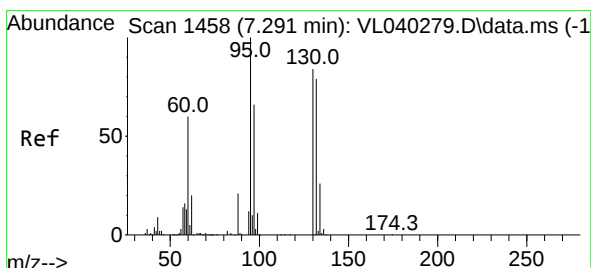
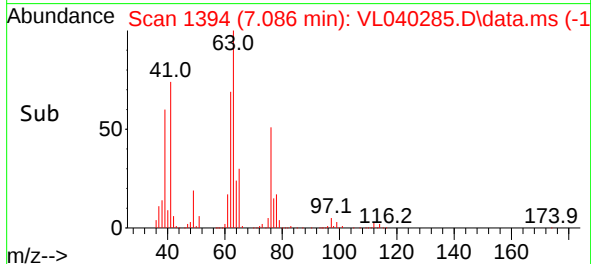
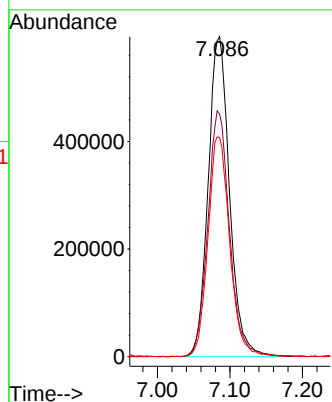
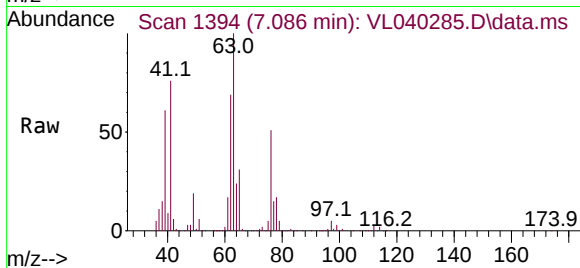
Tgt Ion: 63 Resp: 1216727

Ion Ratio Lower Upper

63 100

41 75.7 60.8 91.2

62 68.5 54.1 81.1



#40

1,4-Dioxane

Concen: 13.931 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Tgt Ion: 88 Resp: 468420

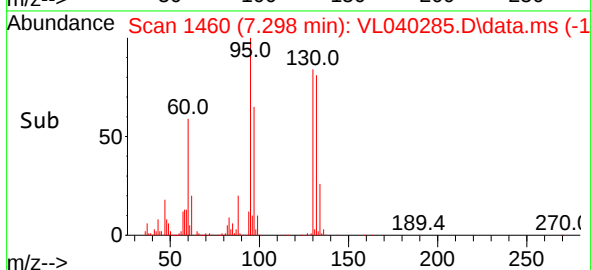
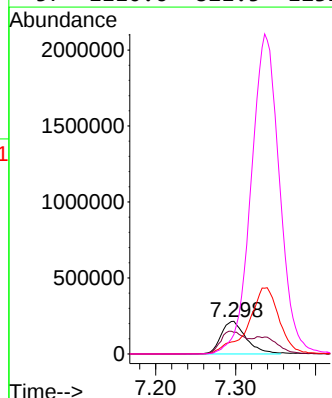
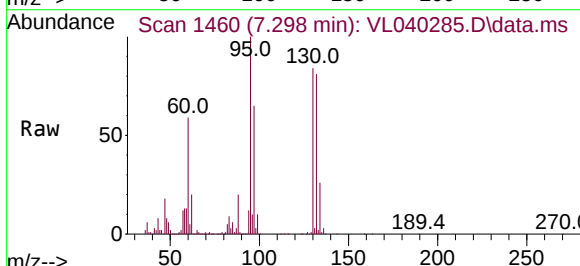
Ion Ratio Lower Upper

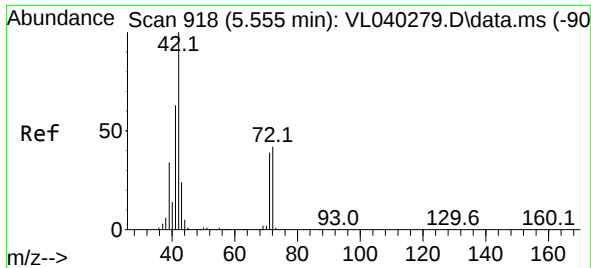
88 100

58 121.9 96.0 144.0

43 251.8 187.6 281.4

57 1110.6 821.5 1232.3

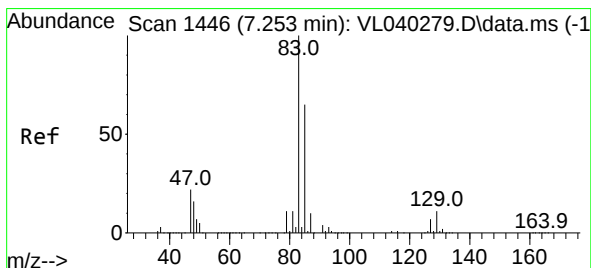
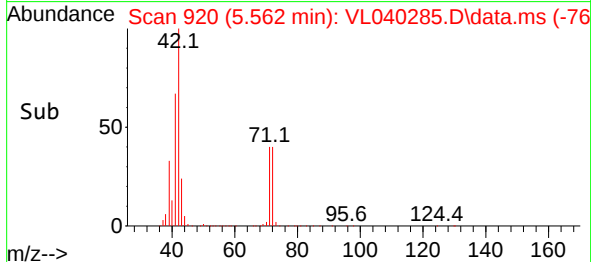
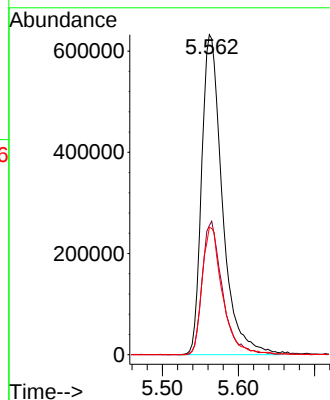
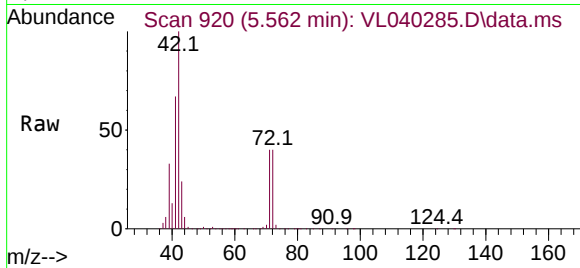




#41
Tetrahydrofuran
Concen: 14.793 ppbv
RT: 5.562 min Scan# 918
Delta R.T. 0.006 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

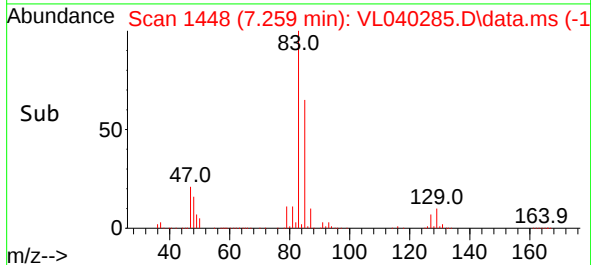
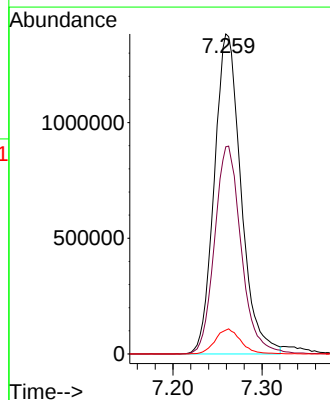
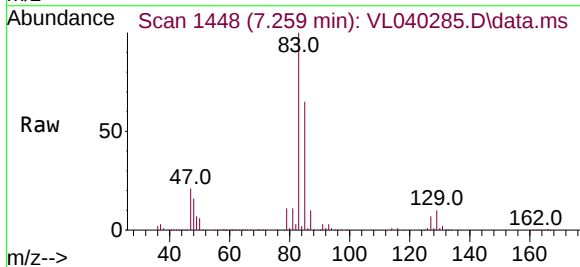
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

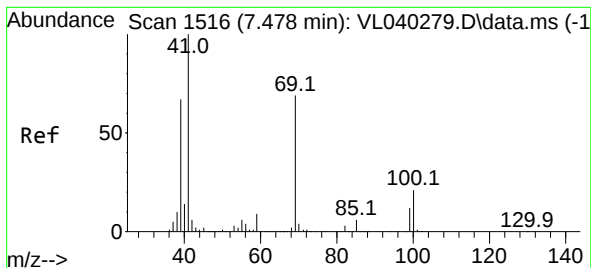
Tgt Ion: 42 Resp: 1197765
Ion Ratio Lower Upper
42 100
72 40.8 32.6 49.0
71 39.7 31.0 46.4



#42
Bromodichloromethane
Concen: 14.944 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 83 Resp: 2879245
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1
127 7.4 5.8 8.6





#43

Methyl Methacrylate

Concen: 16.170 ppbv

RT: 7.484 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

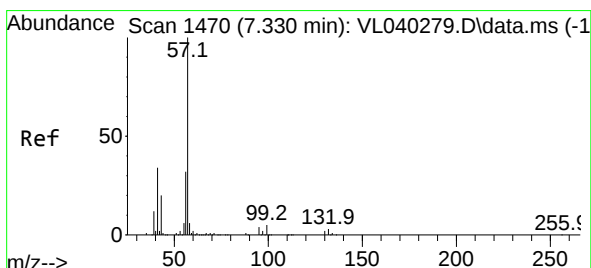
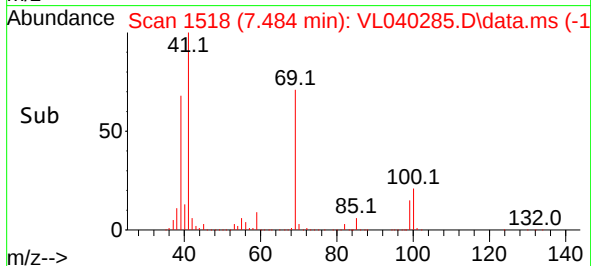
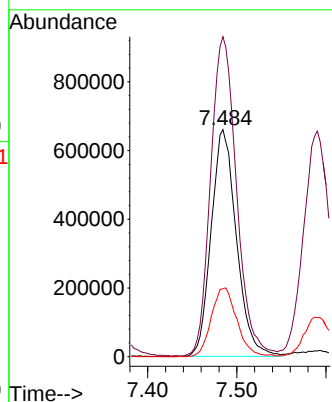
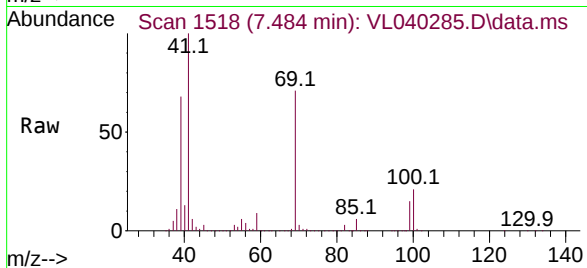
Tgt Ion: 69 Resp: 1301773

Ion Ratio Lower Upper

69 100

41 145.1 116.9 175.3

100 30.9 24.2 36.4



#44

2,2,4-Trimethylpentane

Concen: 14.391 ppbv

RT: 7.336 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

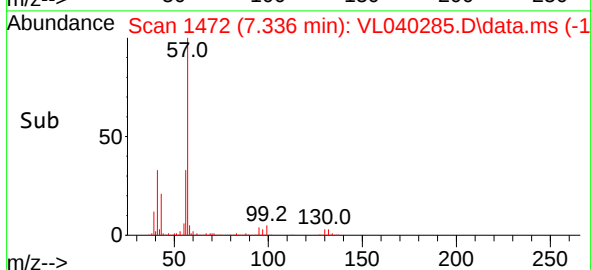
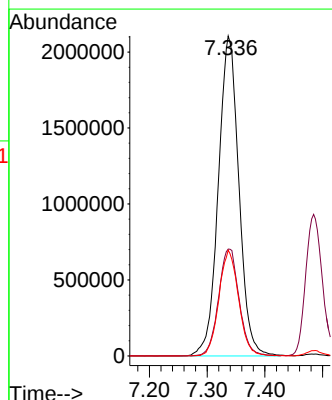
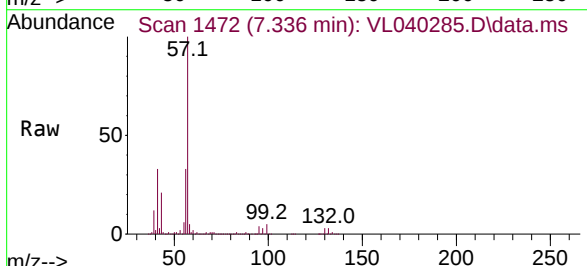
Tgt Ion: 57 Resp: 5197726

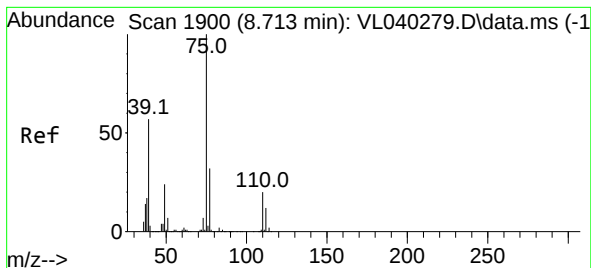
Ion Ratio Lower Upper

57 100

41 33.4 26.8 40.2

56 31.7 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 18.804 ppbv

RT: 8.722 min Scan# 1900

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

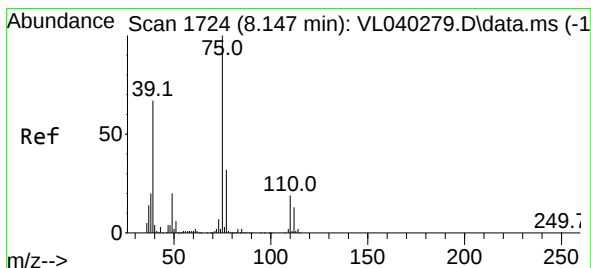
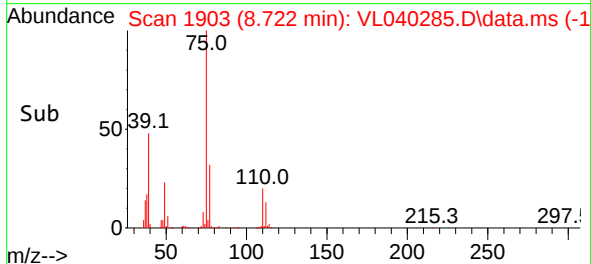
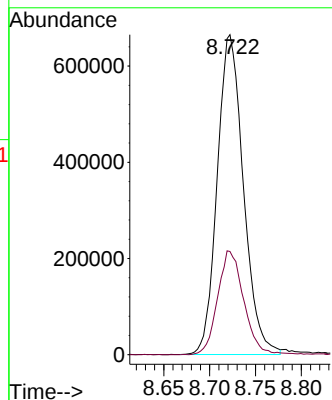
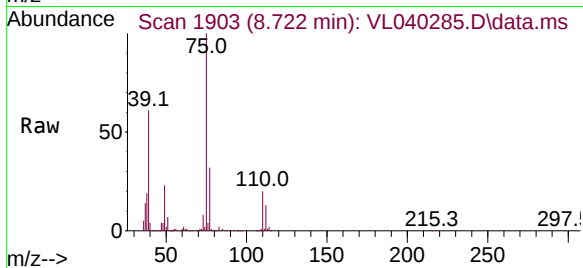
VSTDIC015

Tgt Ion: 75 Resp: 1319635

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 17.412 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.010 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

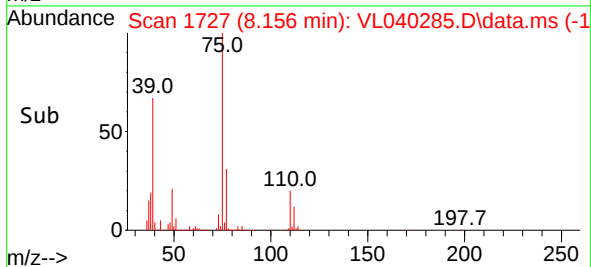
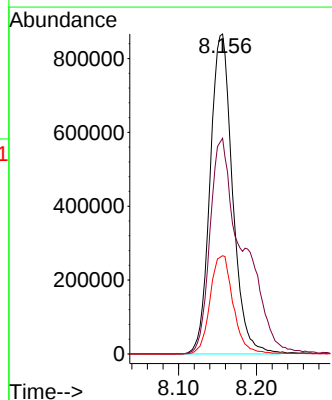
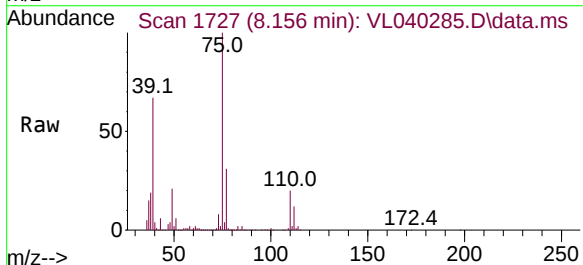
Tgt Ion: 75 Resp: 1735243

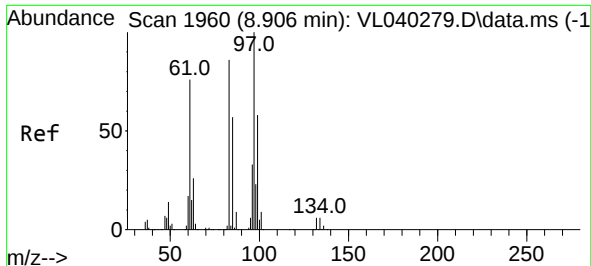
Ion Ratio Lower Upper

75 100

39 67.4 53.9 80.9

77 30.7 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 14.827 ppbv

RT: 8.912 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 1344515

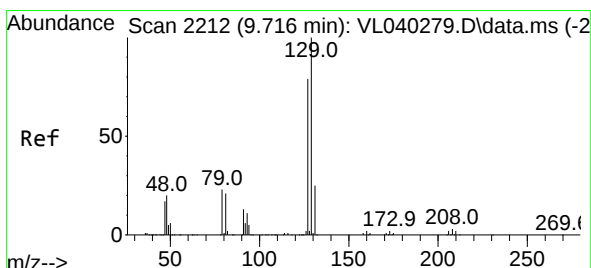
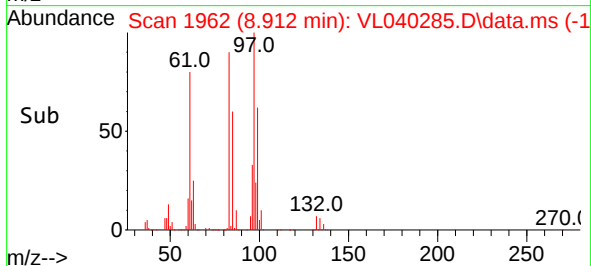
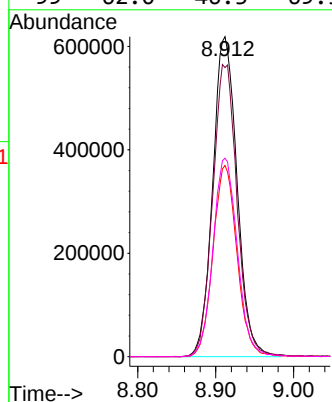
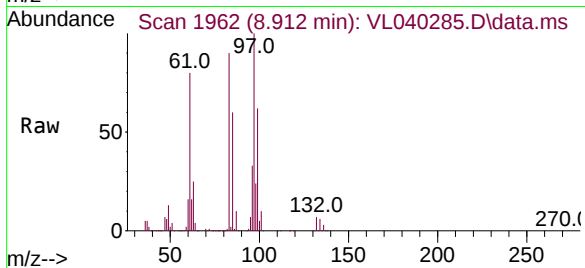
Ion Ratio Lower Upper

97 100

83 90.4 68.6 103.0

85 59.7 46.0 69.0

99 62.0 46.3 69.5



#48

Dibromochloromethane

Concen: 15.932 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.006 min

Lab File: VL040285.D

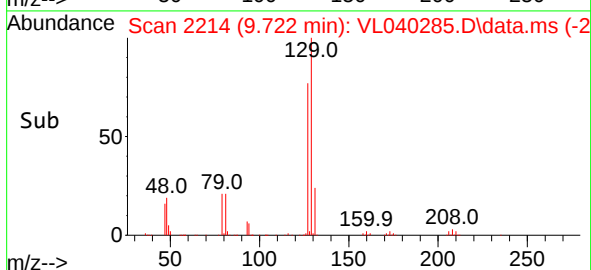
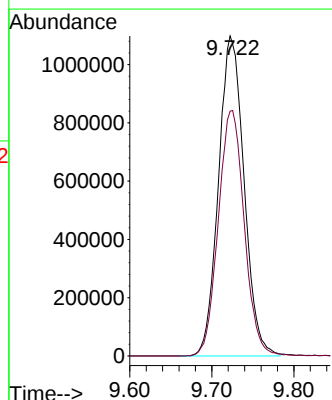
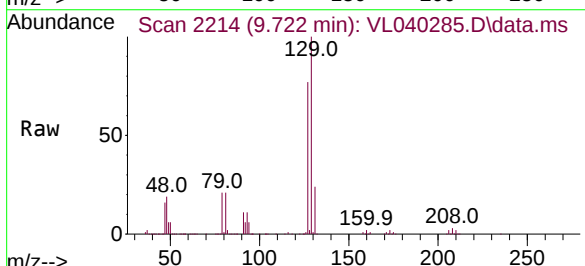
Acq: 15 Mar 2023 15:25

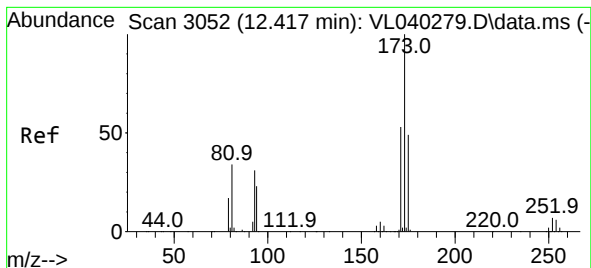
Tgt Ion: 129 Resp: 2377610

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.5





#49

Bromoform

Concen: 16.677 ppbv

RT: 12.423 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015

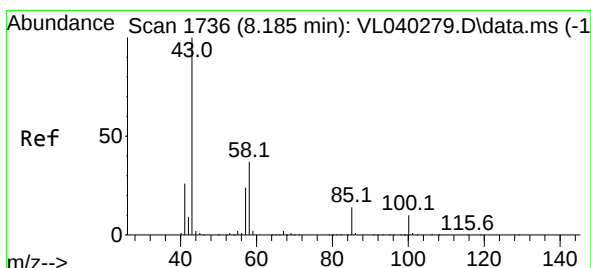
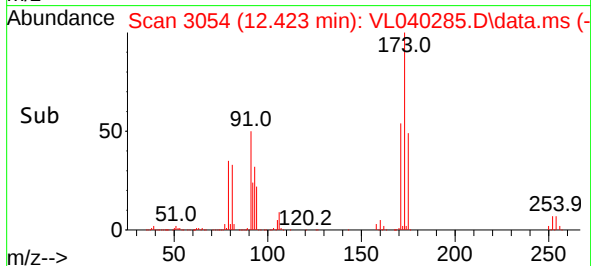
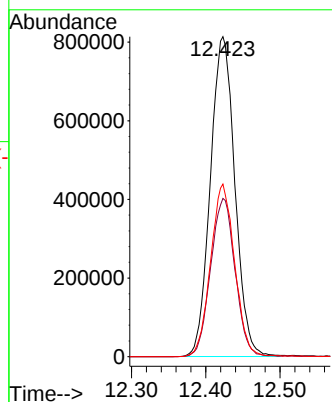
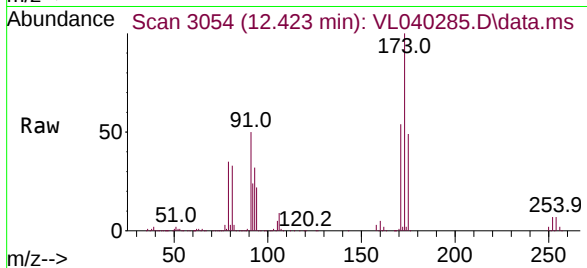
Tgt Ion:173 Resp: 1869178

Ion Ratio Lower Upper

173 100

175 49.6 39.8 59.8

171 53.0 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 15.161 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.006 min

Lab File: VL040285.D

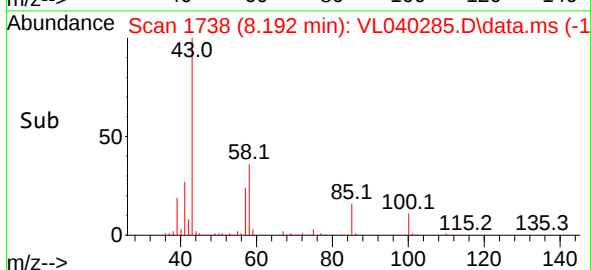
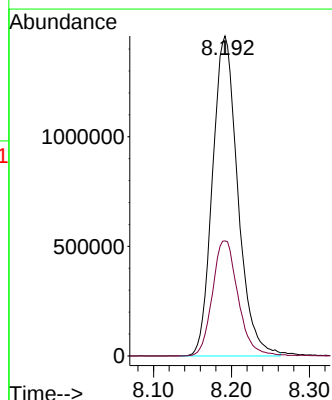
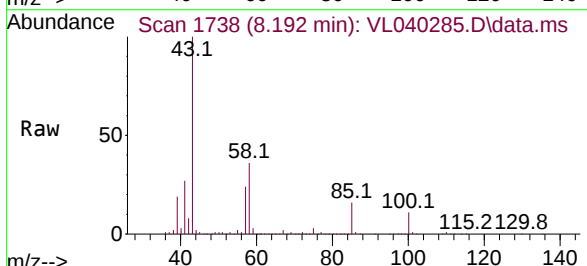
Acq: 15 Mar 2023 15:25

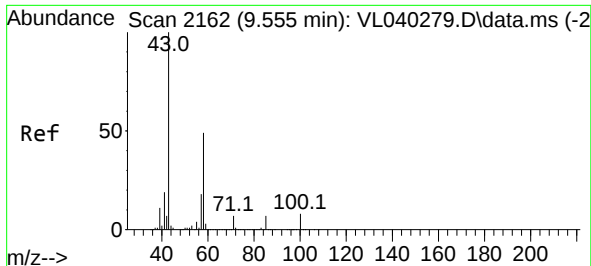
Tgt Ion: 43 Resp: 3291460

Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8

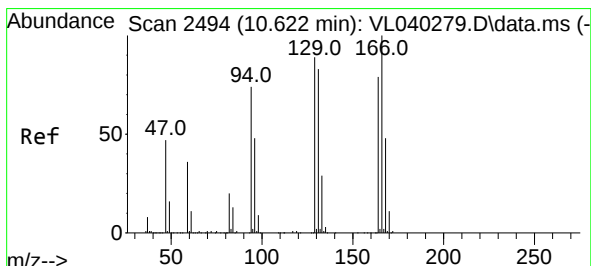
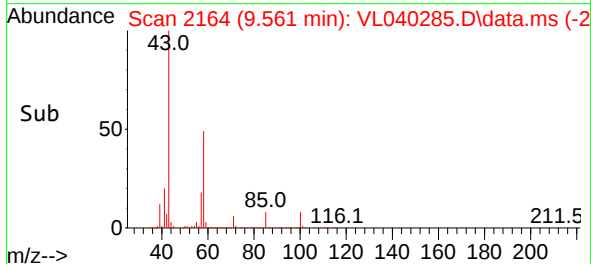
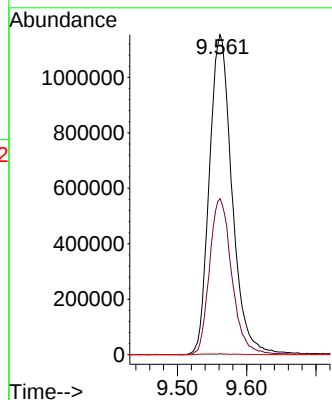
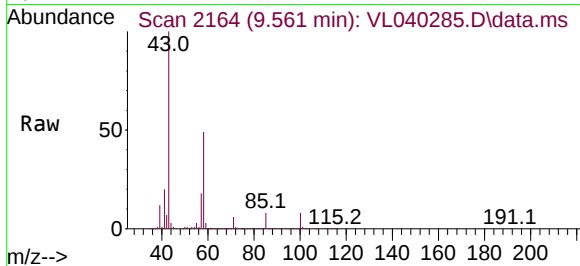




#51
2-Hexanone
Concen: 15.579 ppbv
RT: 9.561 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

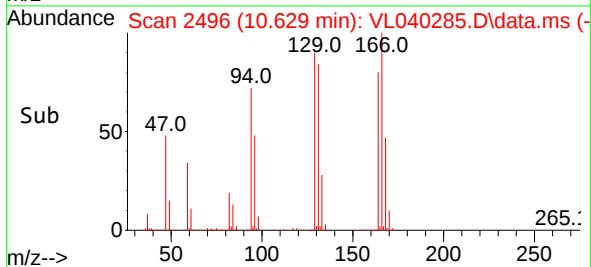
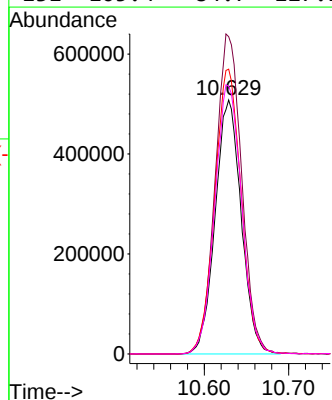
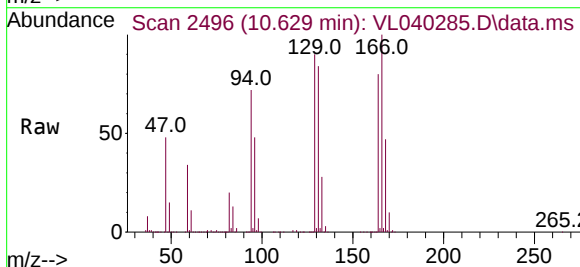
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

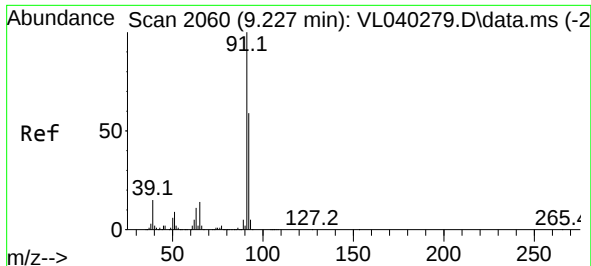
Tgt Ion: 43 Resp: 2620092
Ion Ratio Lower Upper
43 100
58 48.4 38.0 57.0
98 0.4 0.5 0.7#



#52
Tetrachloroethene
Concen: 16.639 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.006 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion:164 Resp: 1090516
Ion Ratio Lower Upper
164 100
166 125.0 101.8 152.6
129 112.2 90.2 135.2
131 105.4 84.7 127.1

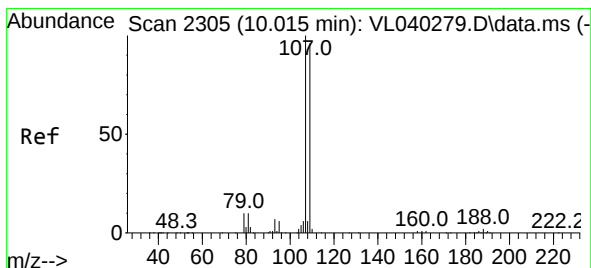
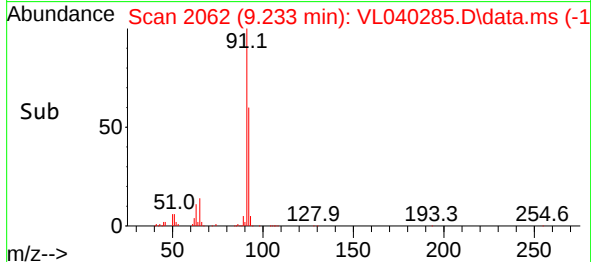
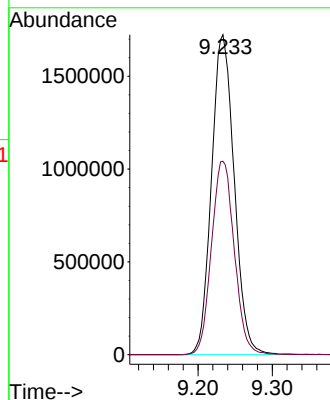
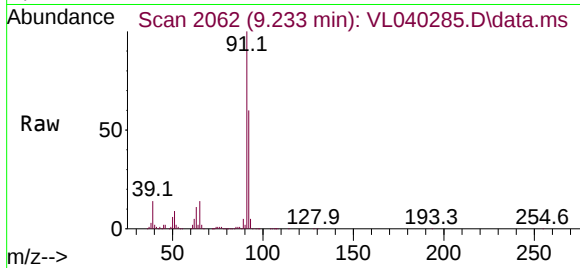




#53
Toluene
Concen: 16.127 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

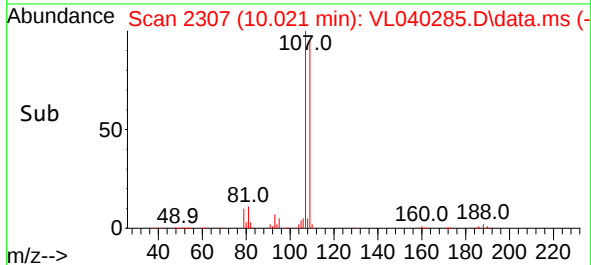
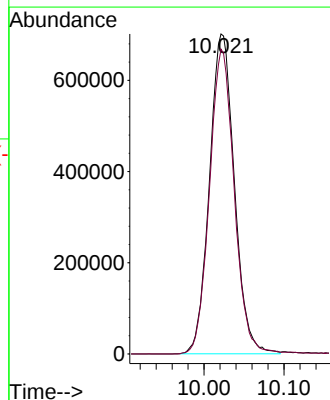
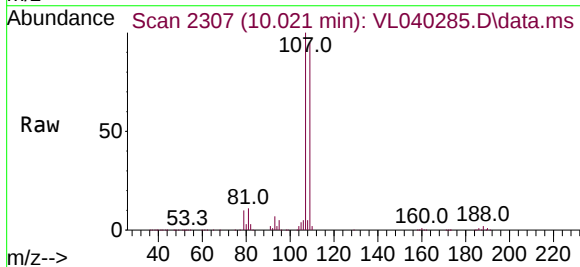
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

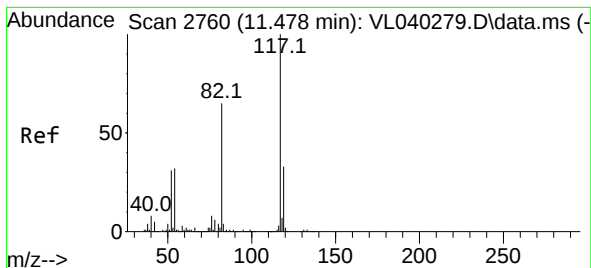
Tgt Ion: 91 Resp: 3661124
Ion Ratio Lower Upper
91 100
92 60.9 48.0 72.0



#54
1,2-Dibromoethane
Concen: 16.282 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 107 Resp: 1519761
Ion Ratio Lower Upper
107 100
109 95.2 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2760

Delta R.T. 0.003 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

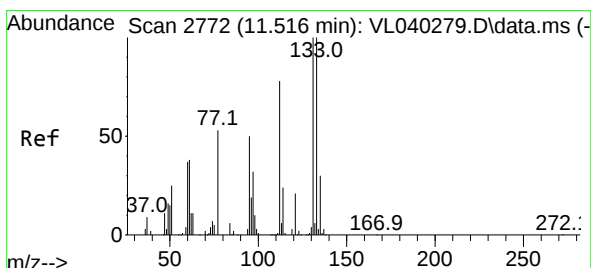
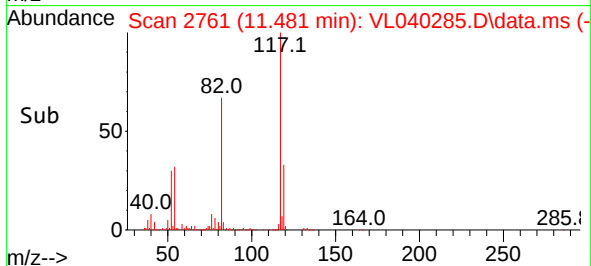
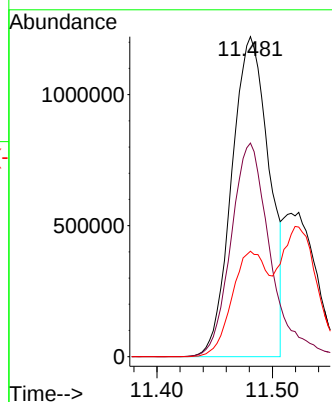
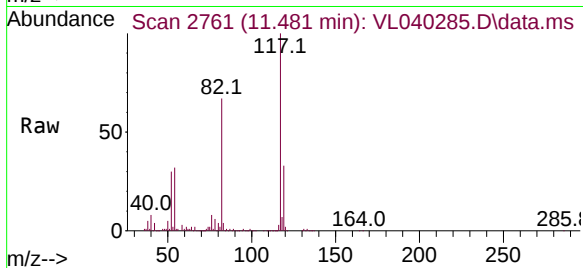
Tgt Ion:117 Resp: 2742707

Ion Ratio Lower Upper

117 100

82 70.7 51.4 77.2

119 28.0 24.0 36.0



#56

1,1,1,2-Tetrachloroethane

Concen: 14.456 ppbv

RT: 11.520 min Scan# 2773

Delta R.T. 0.003 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

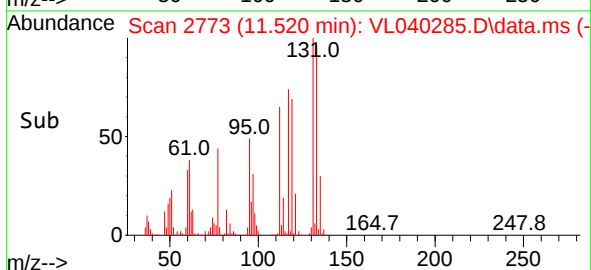
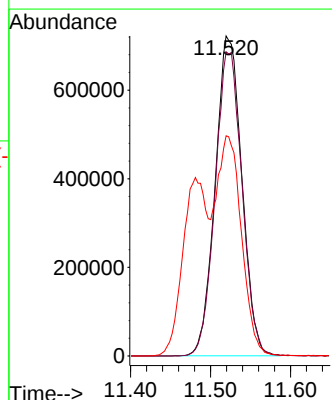
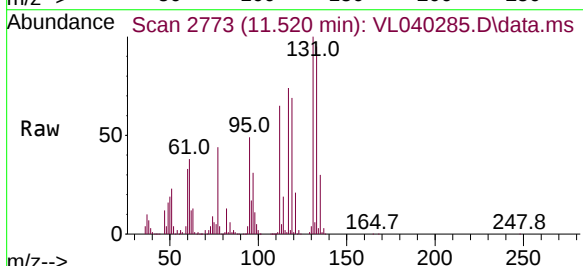
Tgt Ion:131 Resp: 1667946

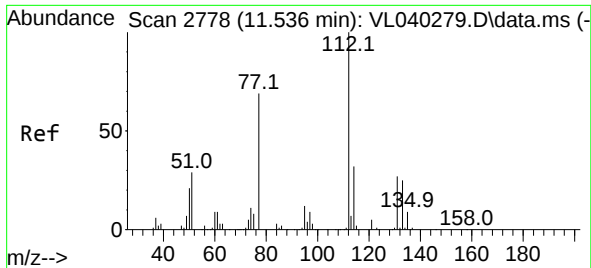
Ion Ratio Lower Upper

131 100

133 96.0 76.5 114.7

119 65.3 47.9 71.9

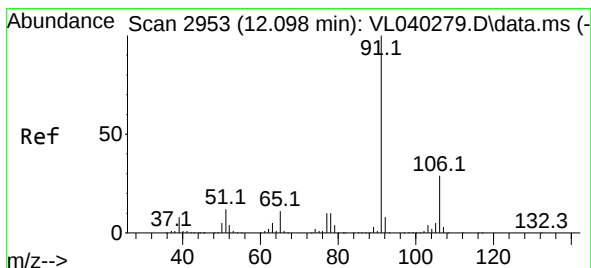
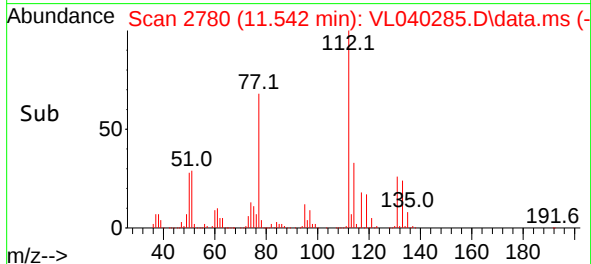
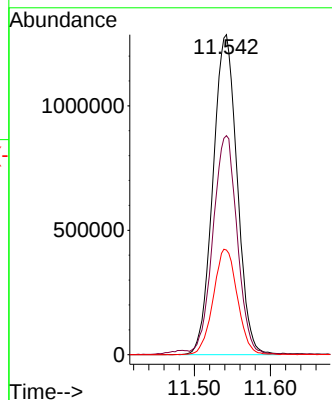
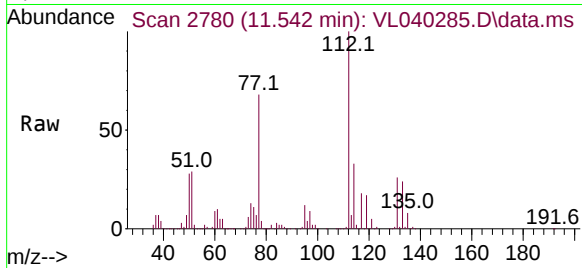




#57
Chlorobenzene
Concen: 14.563 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

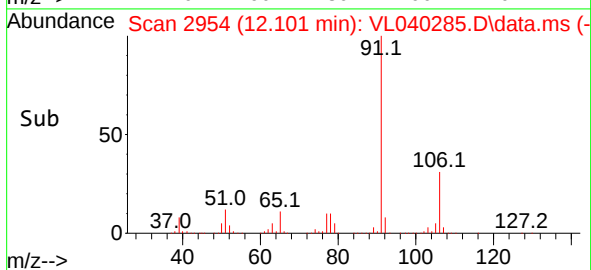
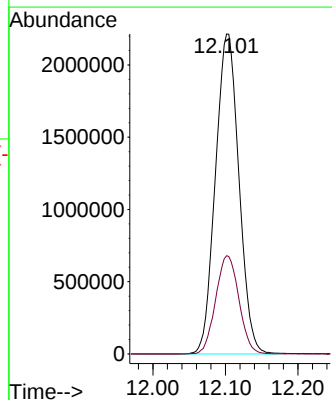
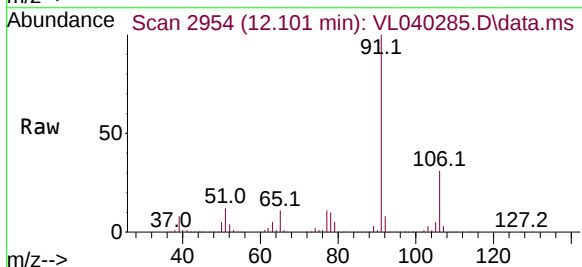
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

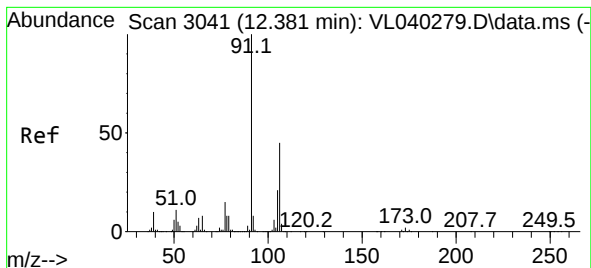
Tgt Ion:112 Resp: 2841220
Ion Ratio Lower Upper
112 100
77 68.3 56.2 84.2
114 32.7 29.0 35.4



#58
Ethyl Benzene
Concen: 15.953 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 91 Resp: 4982104
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.2

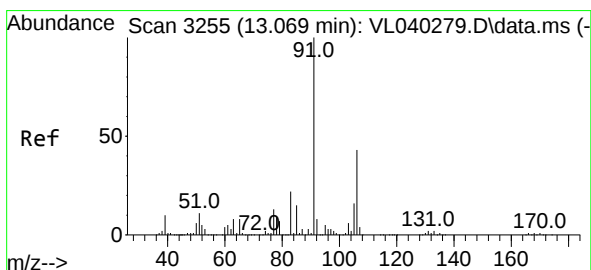
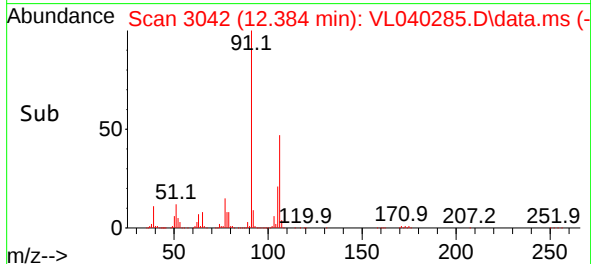
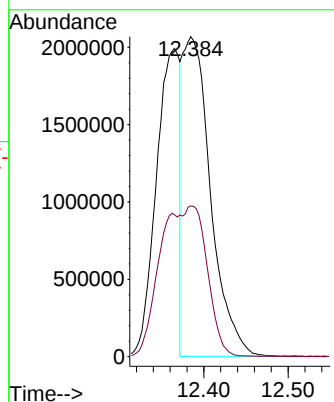
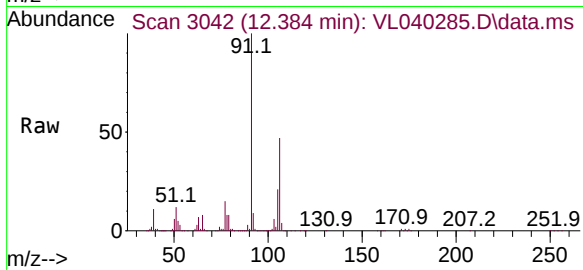




#59
m/p-Xylene
Concen: 16.608 ppbv
RT: 12.384 min Scan# 3041
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

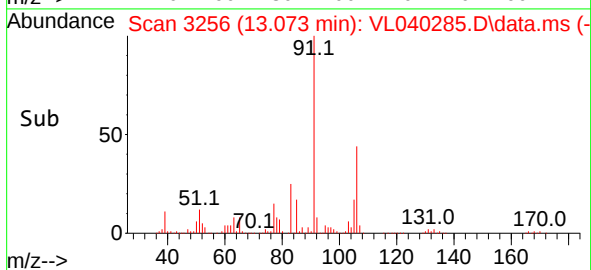
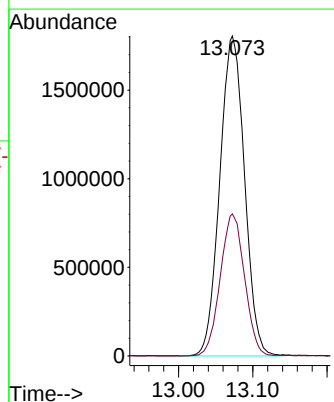
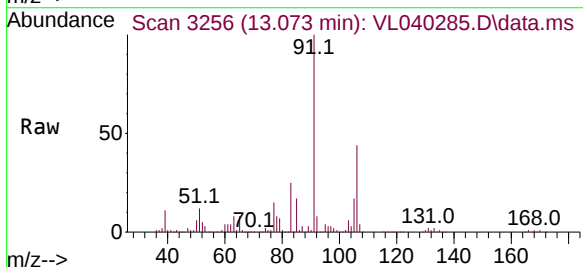
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

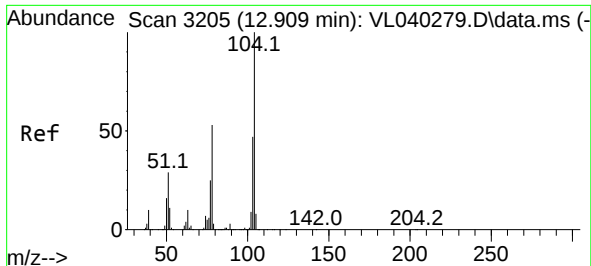
Tgt Ion: 91 Resp: 4751308
Ion Ratio Lower Upper
91 100
106 79.6 34.0 51.0#



#60
o-Xylene
Concen: 15.298 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 91 Resp: 4183939
Ion Ratio Lower Upper
91 100
106 43.8 21.7 65.1





#61

Styrene

Concen: 17.667 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

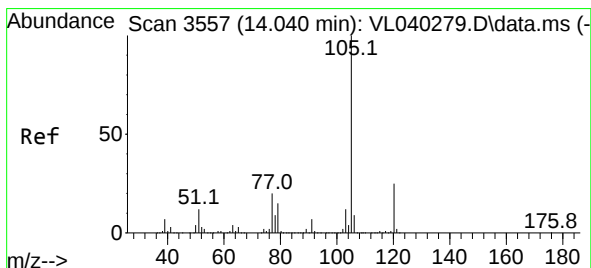
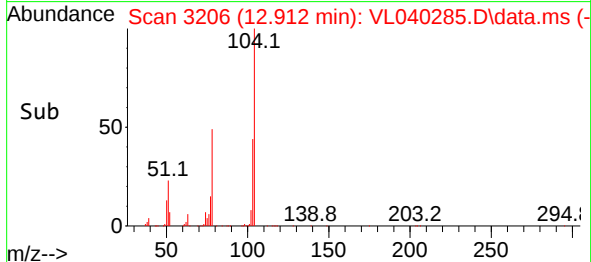
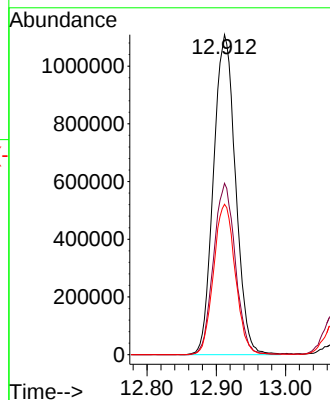
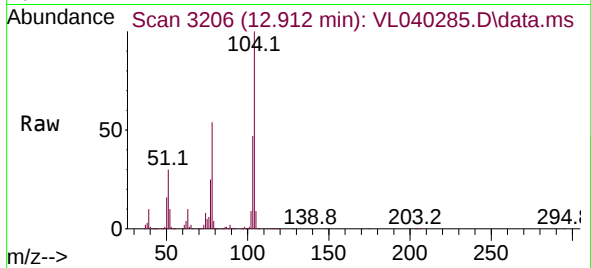
Tgt Ion:104 Resp: 2451903

Ion Ratio Lower Upper

104 100

78 53.0 43.7 65.5

103 46.5 37.4 56.2



#62

Isopropylbenzene

Concen: 14.737 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL040285.D

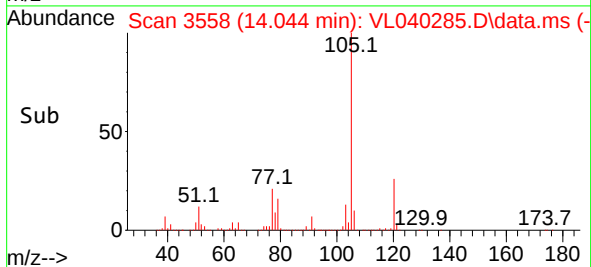
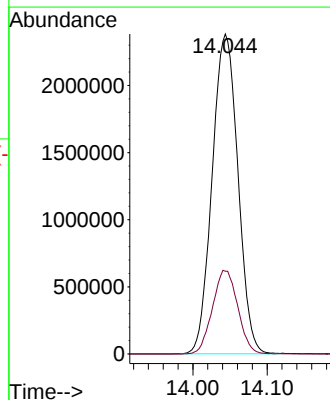
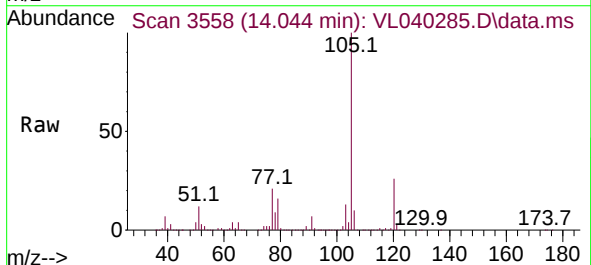
Acq: 15 Mar 2023 15:25

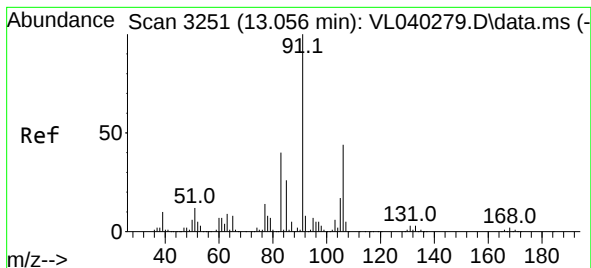
Tgt Ion:105 Resp: 5739718

Ion Ratio Lower Upper

105 100

120 25.8 19.9 29.9

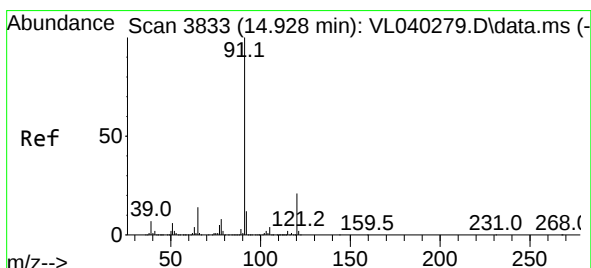
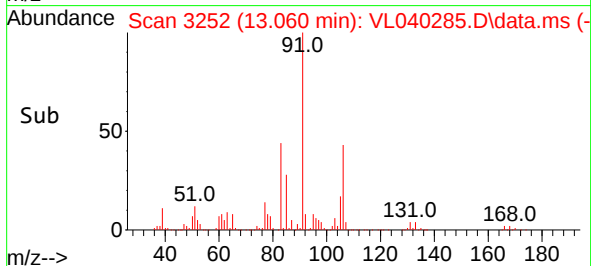
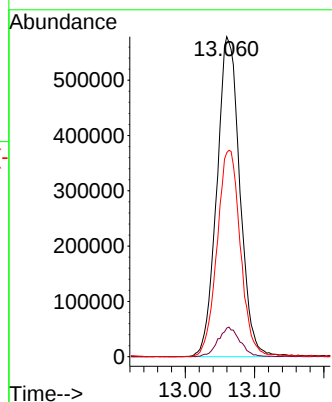
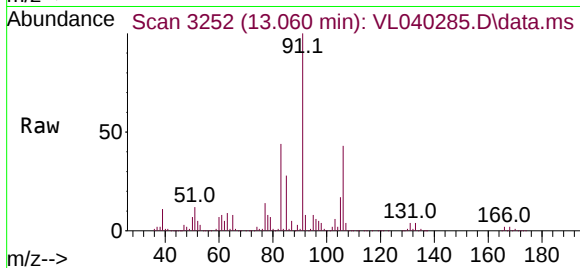




#63
1,1,2,2-Tetrachloroethane
Concen: 13.867 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

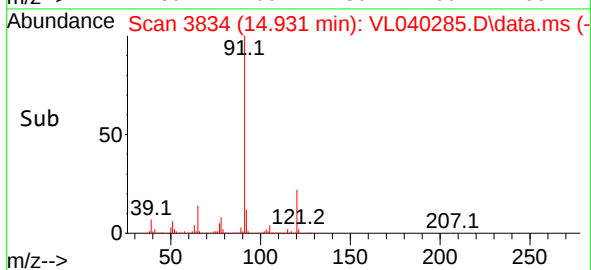
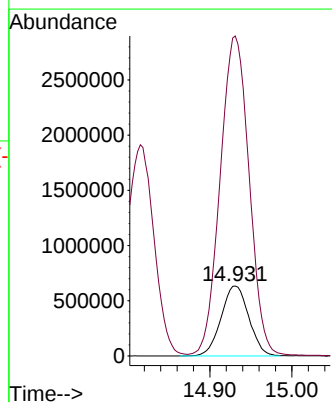
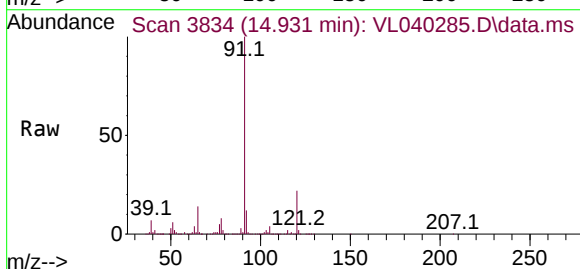
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

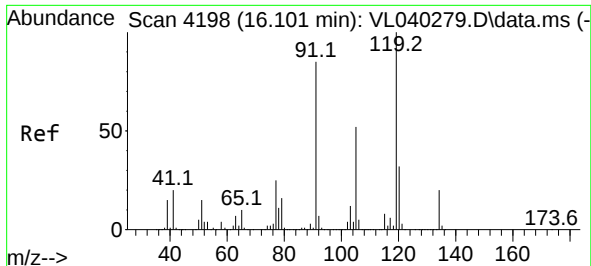
Tgt Ion: 83 Resp: 1334434
Ion Ratio Lower Upper
83 100
131 8.9 4.3 12.9
85 66.0 32.7 98.1



#64
n-propylbenzene
Concen: 15.665 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion:120 Resp: 1492957
Ion Ratio Lower Upper
120 100
91 478.6 399.0 598.6

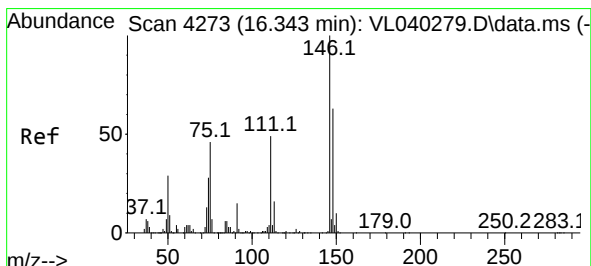
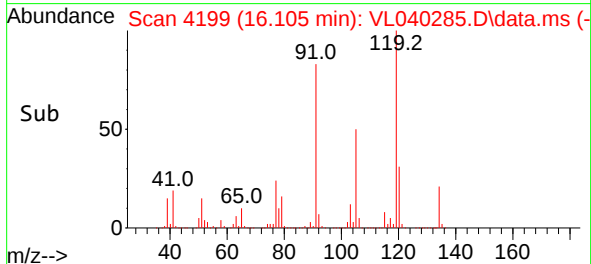
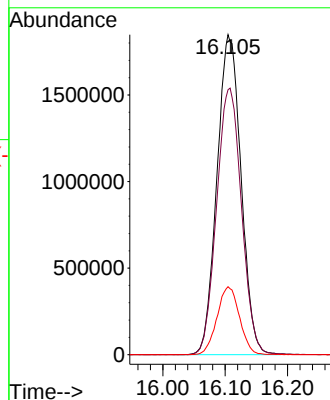
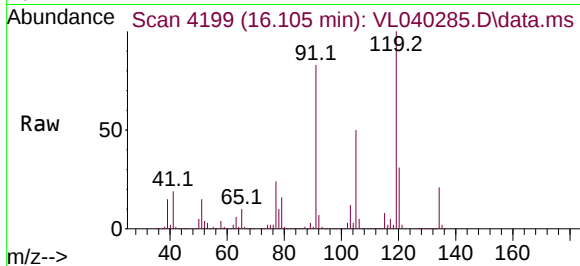




#65
tert-Butylbenzene
Concen: 14.765 ppbv
RT: 16.105 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

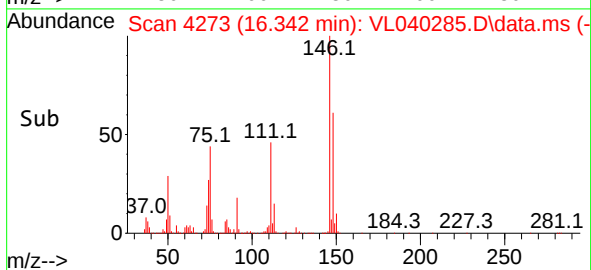
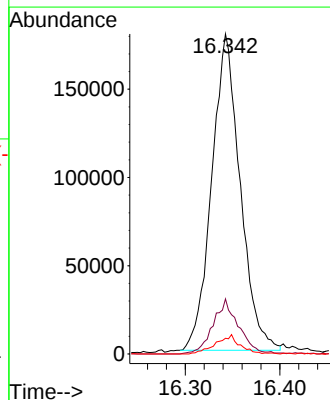
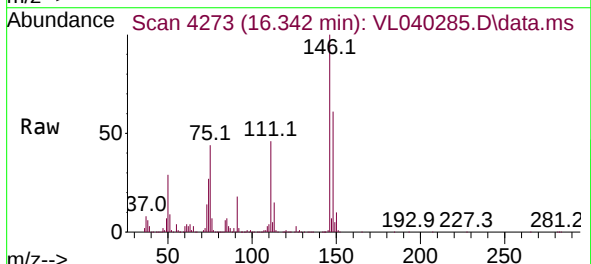
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

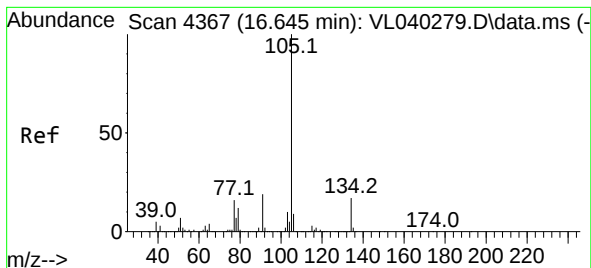
Tgt Ion:119 Resp: 4955393
Ion Ratio Lower Upper
119 100
91 86.1 69.4 104.2
134 19.9 15.8 23.6



#66
Benzyl Chloride
Concen: 17.153 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.000 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 91 Resp: 374144
Ion Ratio Lower Upper
91 100
126 15.6 12.1 18.1
128 5.3 3.8 5.6





#67

sec-Butylbenzene

Concen: 14.433 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

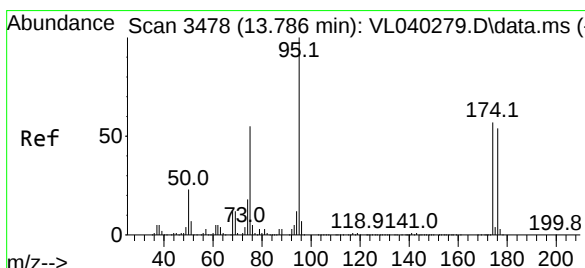
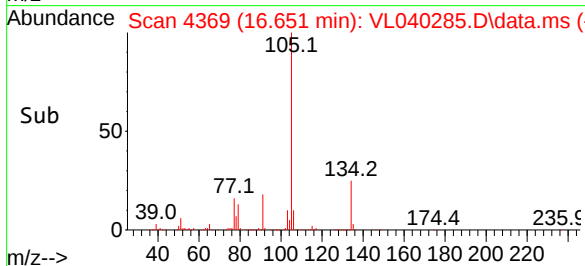
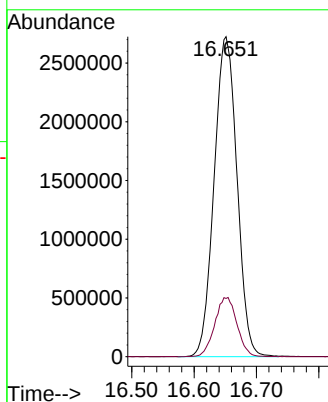
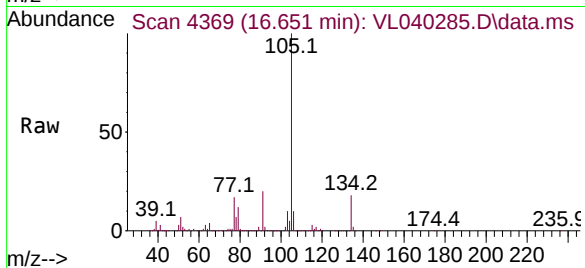
VSTDIC015

Tgt Ion:105 Resp: 6927833

Ion Ratio Lower Upper

105 100

134 18.0 14.0 21.0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.493 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. 0.003 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

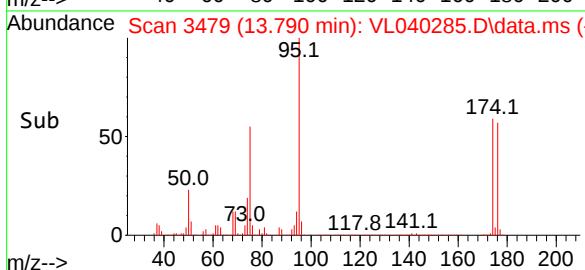
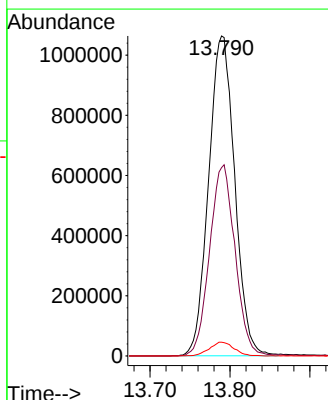
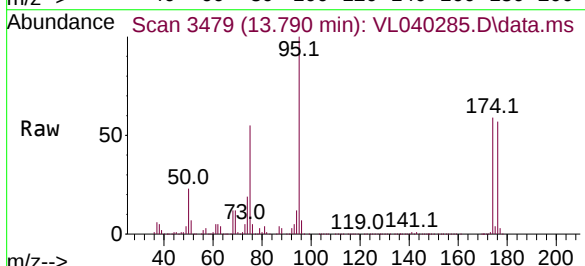
Tgt Ion: 95 Resp: 2410031

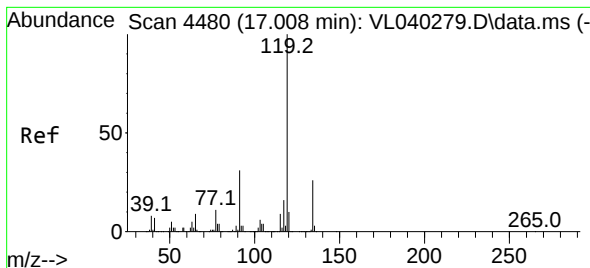
Ion Ratio Lower Upper

95 100

174 58.5 47.0 70.6

175 4.1 3.4 5.2

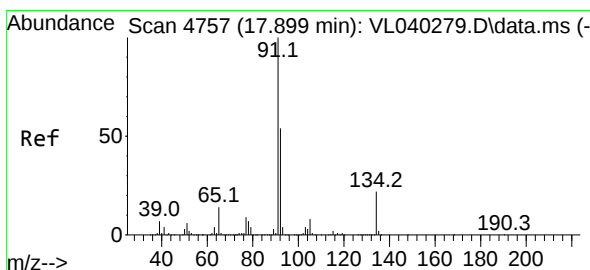
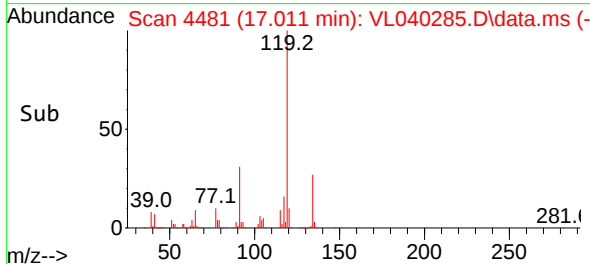
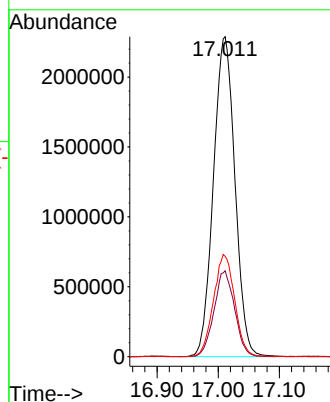
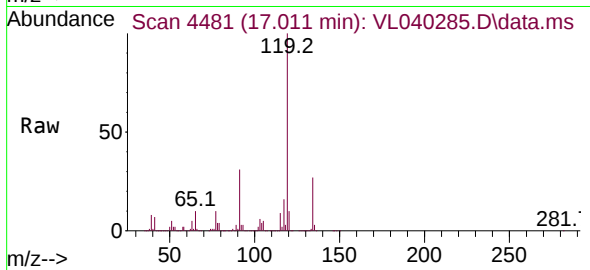




#69
p-Isopropyltoluene
Concen: 14.966 ppbv
RT: 17.011 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

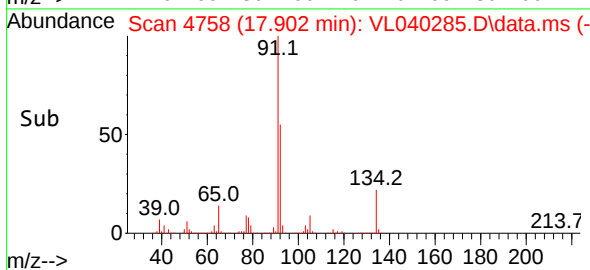
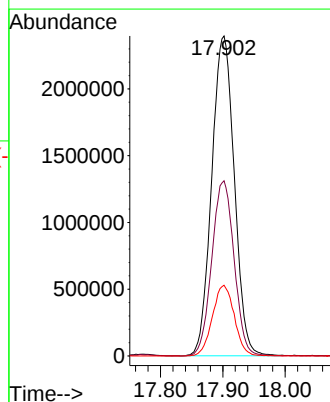
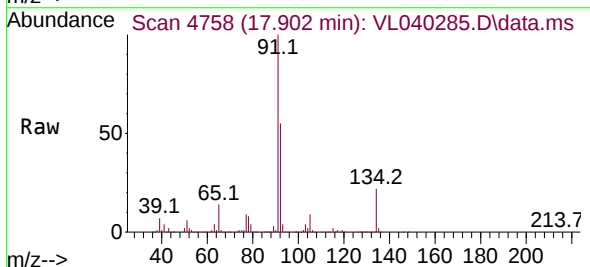
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

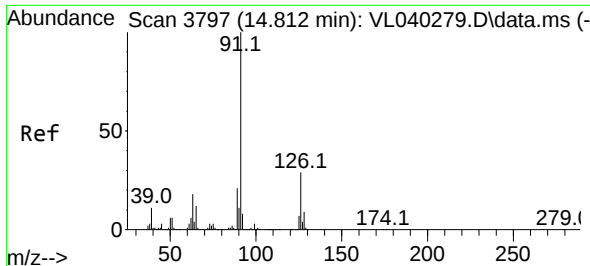
Tgt Ion:119 Resp: 5594155
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 31.4 25.1 37.7



#70
n-Butylbenzene
Concen: 14.646 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion: 91 Resp: 6031417
Ion Ratio Lower Upper
91 100
92 54.1 42.9 64.3
134 21.4 16.8 25.2

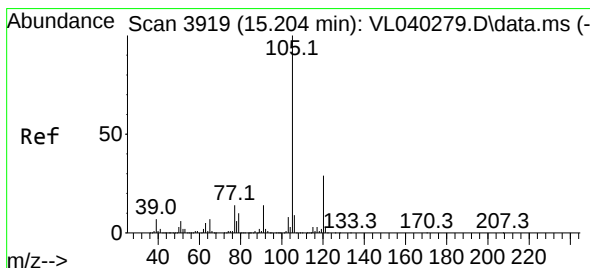
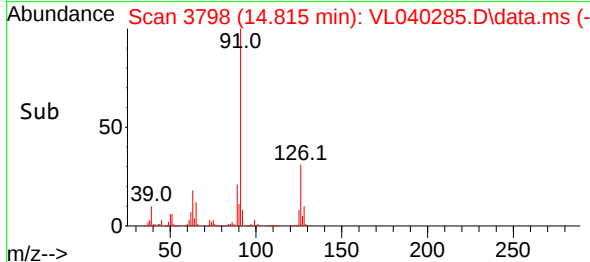
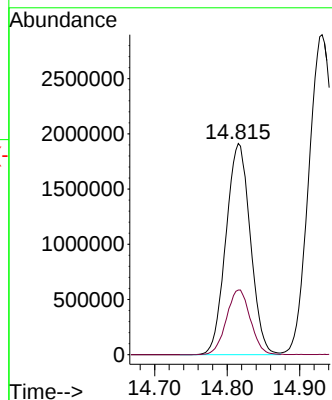
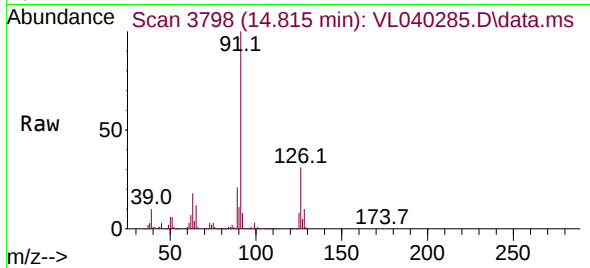




#71
2-Chlorotoluene
Concen: 15.089 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

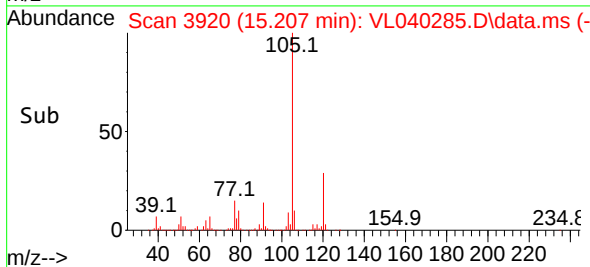
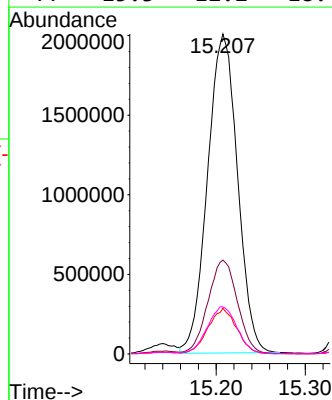
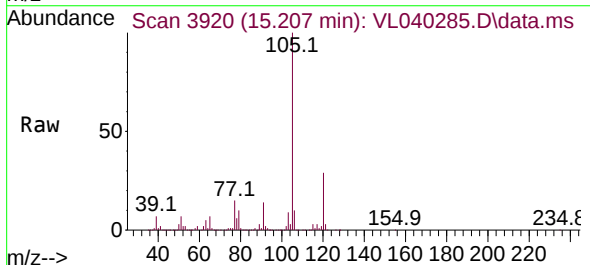
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

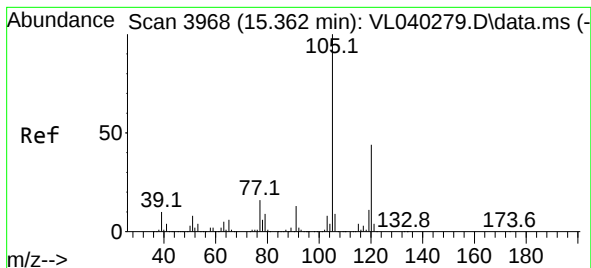
Tgt Ion: 91 Resp: 4472795
Ion Ratio Lower Upper
91 100
126 30.2 11.8 47.4



#72
4-Ethyltoluene
Concen: 15.647 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion:105 Resp: 4678832
Ion Ratio Lower Upper
105 100
120 30.1 23.7 35.5
91 13.6 11.6 17.4
77 15.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 15.210 ppbv

RT: 15.365 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_1

ClientSampleId :

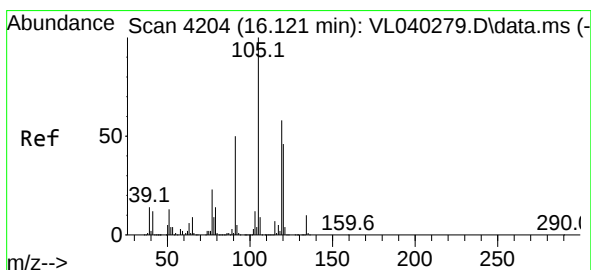
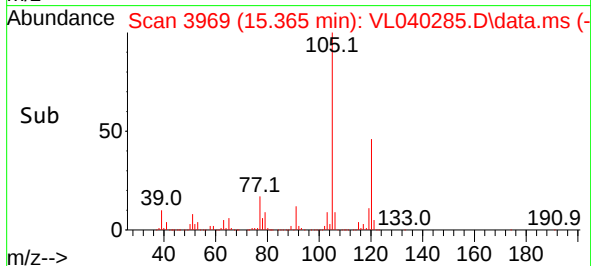
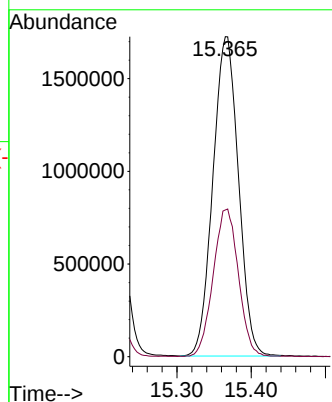
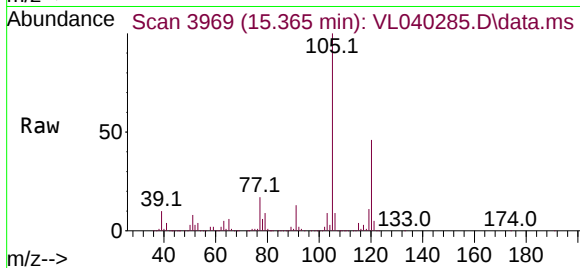
VSTDIC015

Tgt Ion:105 Resp: 4119677

Ion Ratio Lower Upper

105 100

120 45.8 34.9 52.3



#74

1,2,4-Trimethylbenzene

Concen: 14.488 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. -0.000 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Tgt Ion:105 Resp: 4474955

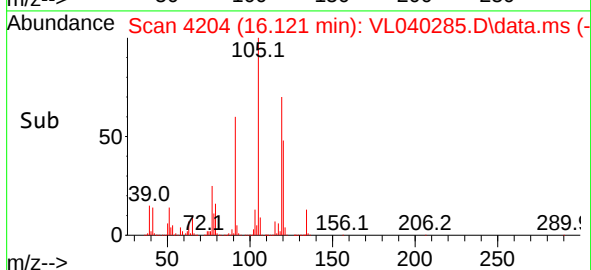
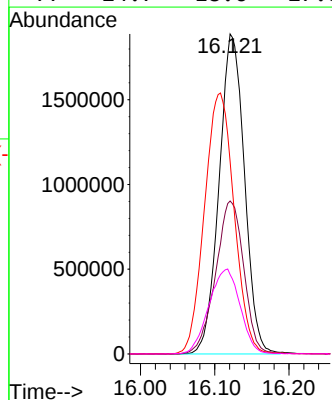
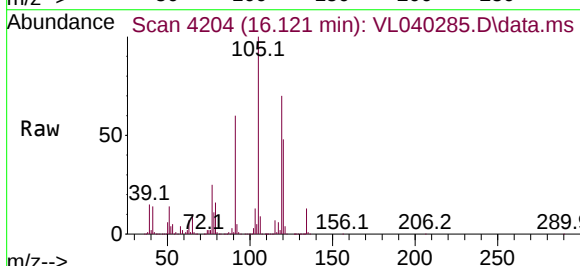
Ion Ratio Lower Upper

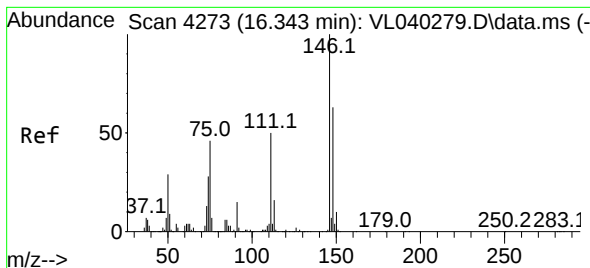
105 100

120 47.7 36.6 54.8

91 59.9 39.9 59.9#

77 24.7 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 14.554 ppbv

RT: 16.349 min Scan# 4319

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

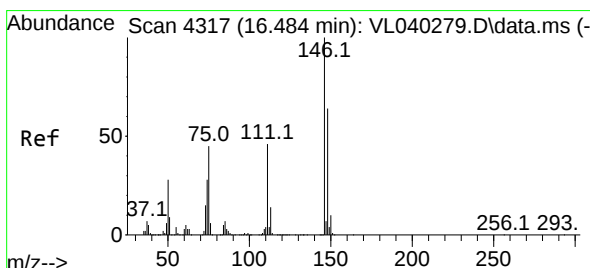
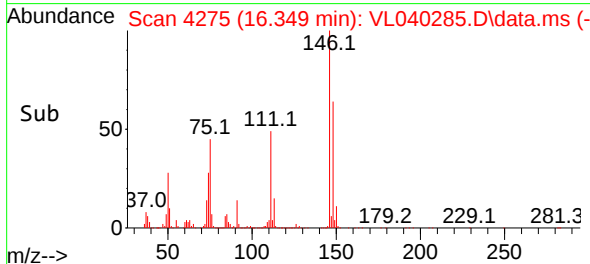
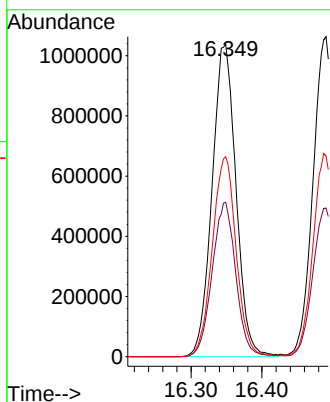
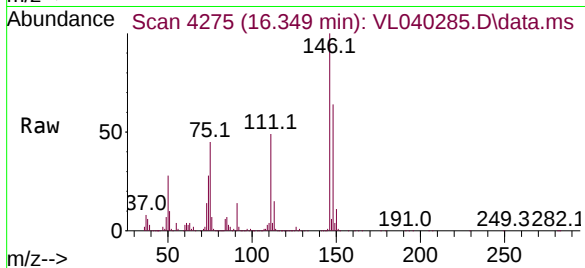
Tgt Ion:146 Resp: 2434847

Ion Ratio Lower Upper

146 100

111 48.8 24.3 73.0

148 64.1 31.9 95.5



#76

1,4-Dichlorobenzene

Concen: 15.127 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.006 min

Lab File: VL040285.D

Acq: 15 Mar 2023 15:25

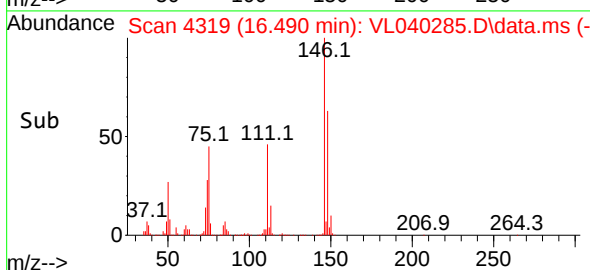
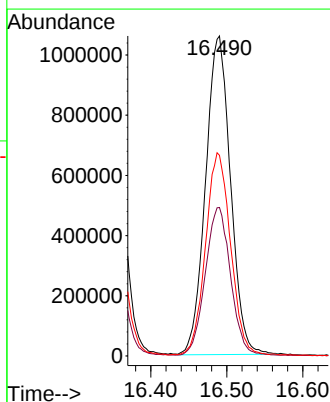
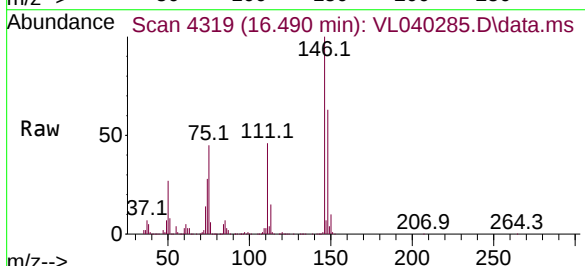
Tgt Ion:146 Resp: 2413678

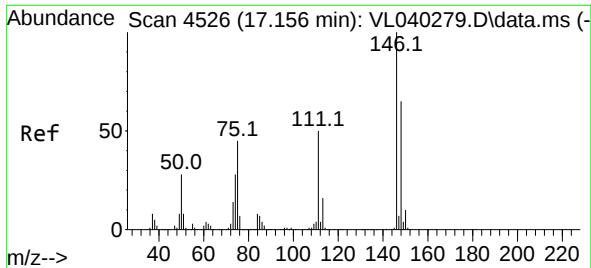
Ion Ratio Lower Upper

146 100

111 47.7 23.8 71.2

148 65.2 32.5 97.5

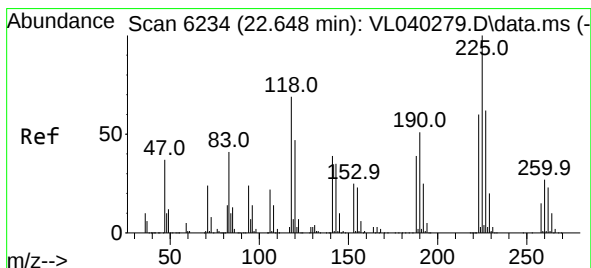
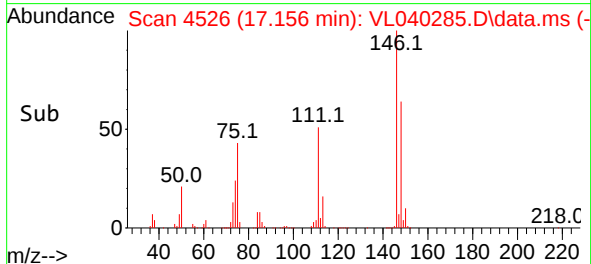
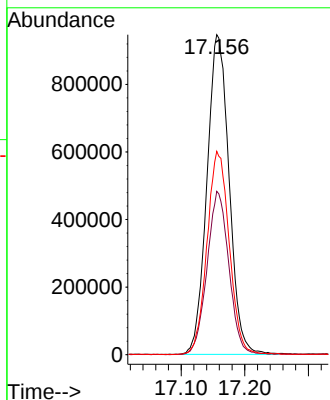
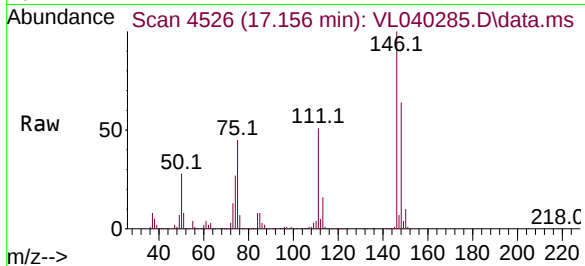




#77
1,2-Dichlorobenzene
Concen: 14.240 ppbv
RT: 17.156 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

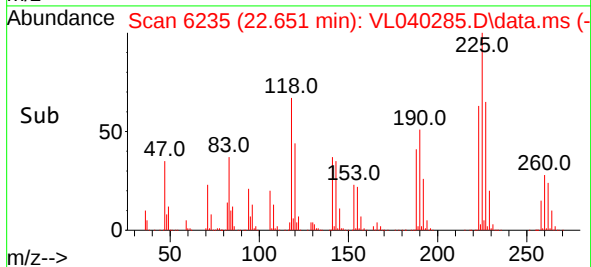
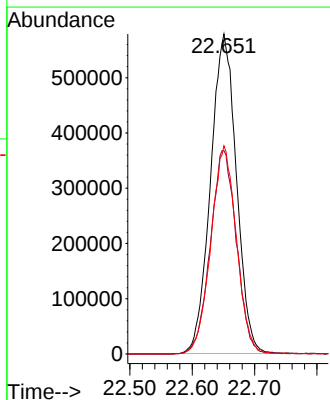
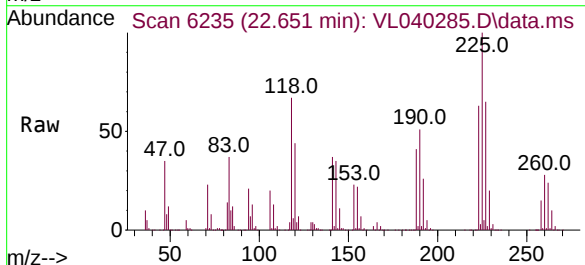
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

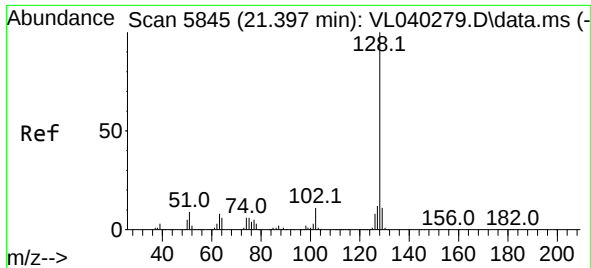
Tgt Ion:146 Resp: 2289760
Ion Ratio Lower Upper
146 100
111 50.6 25.2 75.6
148 63.8 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 14.115 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

Tgt Ion:225 Resp: 1664518
Ion Ratio Lower Upper
225 100
223 64.3 51.0 76.6
227 64.4 51.4 77.2

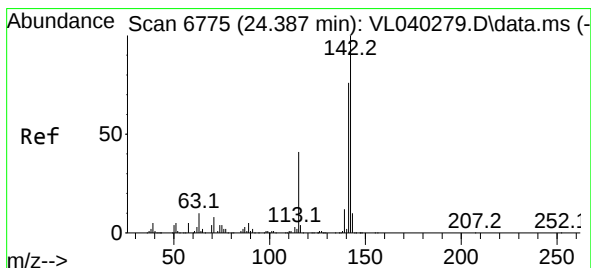
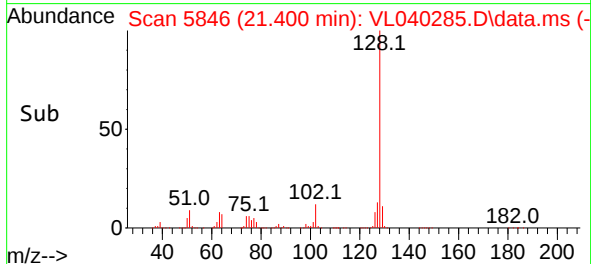
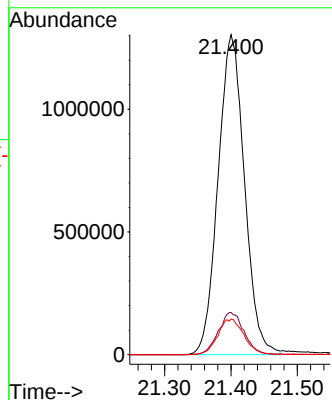
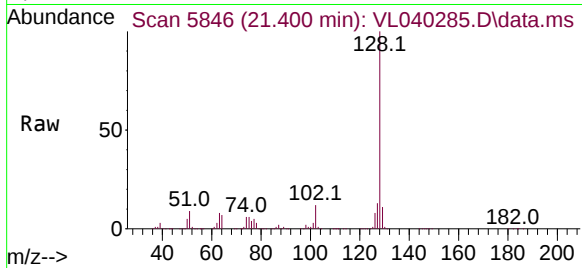




#79
Naphthalene
Concen: 19.707 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

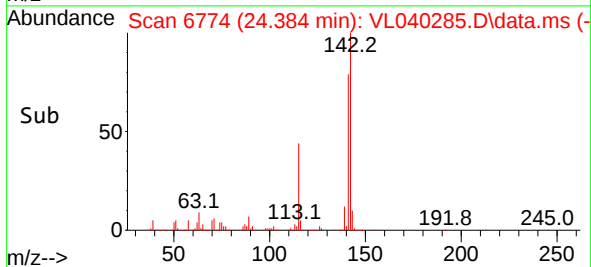
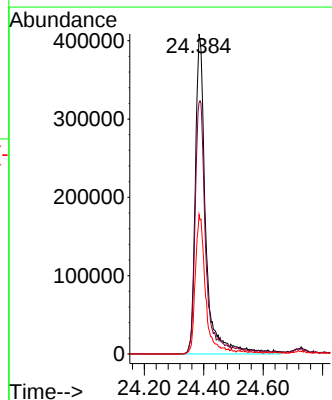
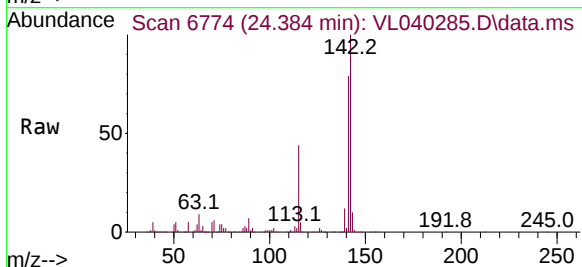
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

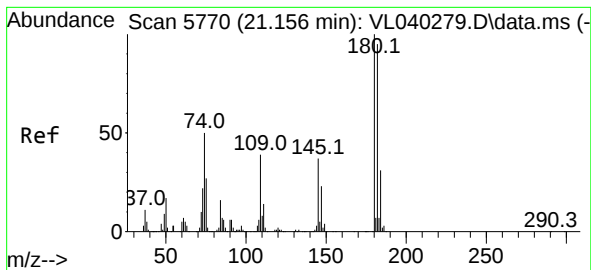
Tgt Ion:128 Resp: 3600935
Ion Ratio Lower Upper
128 100
127 13.2 9.6 14.4
129 11.1 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 21.745 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.003 min
Lab File: VL040285.D
Acq: 15 Mar 2023 15:25

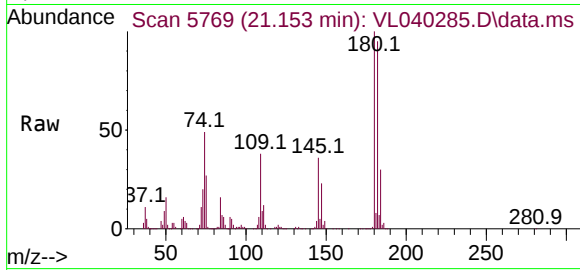
Tgt Ion:142 Resp: 1006302
Ion Ratio Lower Upper
142 100
141 79.4 65.5 98.3
115 44.2 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 16.660 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040285.D
 Acq: 15 Mar 2023 15:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 1875044

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.1	114.1
184	30.5	24.4	36.6

