

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077606.D
 Acq On : 05 May 2023 21:43
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050523

Quant Time: May 06 05:17:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 05:13:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	120598	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	705869	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	611171	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	295226	30.231	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.767%	
60) 4-Bromofluorobenzene	12.848	95	281602	29.033	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.767%	
63) Toluene-d8	10.572	98	884720	30.710	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.367%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	150638	17.463	ug/l	95
3) Chloromethane	2.372	50	126627	18.883	ug/l	100
4) Vinyl Chloride	2.525	62	152527	17.967	ug/l	95
5) Bromomethane	2.966	94	120695	19.565	ug/l	96
6) Chloroethane	3.131	64	102578	17.617	ug/l	95
7) Trichlorofluoromethane	3.507	101	235192	18.436	ug/l	98
8) Diethyl Ether	3.972	74	81109	17.686	ug/l	93
10) 1,1-Dichloroethene	4.348	96	119049	17.852	ug/l	96
11) Methyl Iodide	4.595	142	135936	16.654	ug/l	91
13) Acrolein	4.190	56	110958	84.228	ug/l	98
14) Acrylonitrile	5.731	53	301644	88.378	ug/l	100
15) Acetone	4.437	58	93174	101.800	ug/l	91
16) Carbon Disulfide	4.731	76	289307	17.713	ug/l	99
17) Allyl chloride	5.031	41	153554	18.619	ug/l	97
18) Methylene Chloride	5.290	84	140208	17.450	ug/l	96
19) trans-1,2-Dichloroethene	5.795	96	129259	17.646	ug/l	96
20) Diisopropyl ether	6.684	45	357314	18.007	ug/l	92
21) 1,1-Dichloroethane	6.578	63	241816	18.079	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	153037	17.305	ug/l	99
23) tert-Butyl Alcohol	5.537	59	121079	88.207	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	427329	17.656	ug/l #	82
25) Chloroform	7.972	83	266562	17.794	ug/l	98
26) Cyclohexane	8.260	56	191115	17.562	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	185905	17.976	ug/l	100
30) 2-Butanone	7.489	43	400204	95.617	ug/l	99
31) 2,2-Dichloropropane	7.495	77	195316	17.139	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	240625	17.726	ug/l	97
33) Carbon Tetrachloride	8.366	117	196129	17.391	ug/l	97
34) Benzene	8.613	78	563084	17.647	ug/l	96
35) Methacrylonitrile	7.789	41	83161	17.915	ug/l	94
36) 1,2-Dichloroethane	8.678	62	202435	17.836	ug/l	100
37) Trichloroethene	9.354	130	134700	17.297	ug/l	94
38) Methylcyclohexane	9.607	83	218153	16.798	ug/l	99
39) 1,2-Dichloropropane	9.625	63	139736	18.365	ug/l	100
40) Dibromomethane	9.713	93	105435	18.113	ug/l	98
41) Bromodichloromethane	9.889	83	205056	17.784	ug/l	94
42) Vinyl Acetate	6.613	43	1093857	89.540	ug/l	99
43) Ethyl Acetate	7.566	43	147902	17.181	ug/l #	92
44) Isopropyl Acetate	8.689	43	268056	18.115	ug/l	98

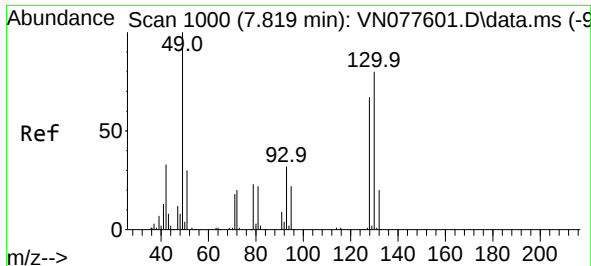
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	9.695	88	55958	355.660	ug/l	95
46) Methyl methacrylate	9.683	41	123999	18.382	ug/l	94
47) n-amyl Acetate	12.495	43	199560	17.206	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	198988	17.247	ug/l	98
49) cis-1,3-Dichloropropene	10.313	75	221234	17.491	ug/l	93
50) 1,1,2-Trichloroethane	11.019	97	145385	17.719	ug/l	96
51) Ethyl methacrylate	10.877	69	209451	17.432	ug/l	98
52) 1,3-Dichloropropane	11.166	76	244704	17.751	ug/l	100
53) Dibromochloromethane	11.360	129	147093	17.614	ug/l	99
54) 1,2-Dibromoethane	11.472	107	148421	17.864	ug/l	96
55) 2-Chloroethyl vinyl ether	10.166	63	384163	96.299	ug/l	99
56) Bromoform	12.583	173	85725	17.045	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	817762	95.902	ug/l	99
59) 2-Hexanone	11.201	43	583374	94.775	ug/l	98
61) Tetrachloroethene	11.107	164	109166	19.324	ug/l	97
62) Toluene	10.636	91	622661	18.119	ug/l	100
64) Chlorobenzene	11.895	112	369495	18.134	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	139401	18.729	ug/l	98
66) Ethyl Benzene	11.966	91	658678	17.723	ug/l	99
67) m/p-Xylenes	12.077	106	505815	35.694	ug/l	100
68) o-Xylene	12.401	106	247562	17.554	ug/l	99
69) Styrene	12.419	104	383907	17.290	ug/l	100
70) Isopropylbenzene	12.701	105	629540	17.339	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	207361	18.365	ug/l	97
72) 1,2,3-Trichloropropane	12.995	75	245936	25.303	ug/l	64
73) Bromobenzene	12.983	156	133020	17.749	ug/l	99
74) n-propylbenzene	13.036	91	664552	16.493	ug/l	99
75) 2-Chlorotoluene	13.130	91	421024	16.786	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	446526	15.884	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	51491	17.477	ug/l	96
78) 4-Chlorotoluene	13.224	91	403922	17.029	ug/l	97
79) tert-butylbenzene	13.442	119	416409	16.091	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	388223	14.834	ug/l	99
81) sec-Butylbenzene	13.618	105	534661	14.884	ug/l	99
82) p-Isopropyltoluene	13.736	119	409749	14.839	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	222105	16.586	ug/l	100
84) 1,4-Dichlorobenzene	13.813	146	217497	16.510	ug/l	99
85) n-Butylbenzene	14.060	91	269625	12.423	ug/l	99
86) Hexachloroethane	14.336	117	84945	15.737	ug/l	99
87) 1,2-Dichlorobenzene	14.107	146	220883	16.325	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	34866	16.285	ug/l	95
89) 1,2,4-Trichlorobenzene	15.401	180	39675	14.180	ug/l	98
90) Hexachlorobutadiene	15.501	225	28350	10.354	ug/l	93
91) Naphthalene	15.642	128	141456	14.235	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	36562	14.144	ug/l	99

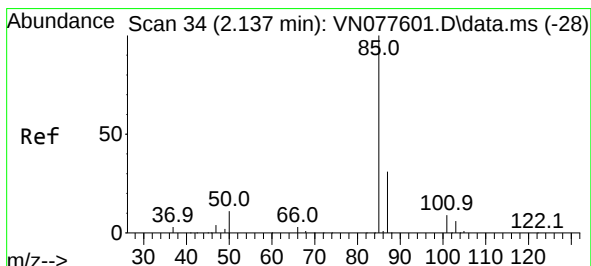
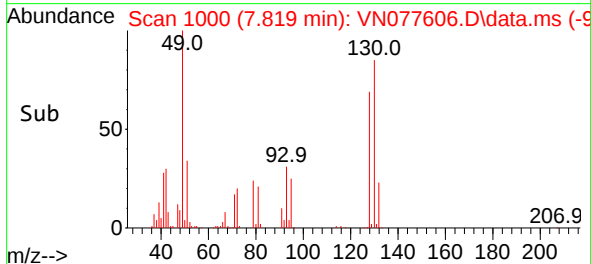
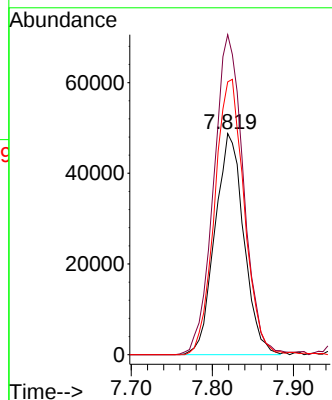
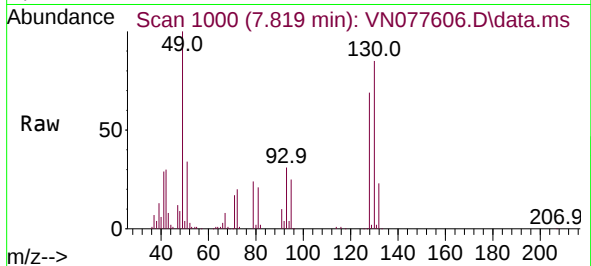
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

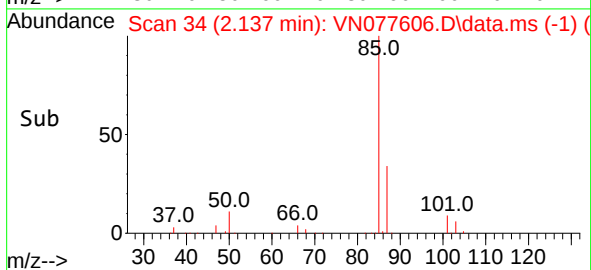
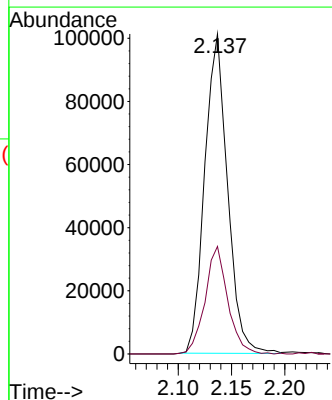
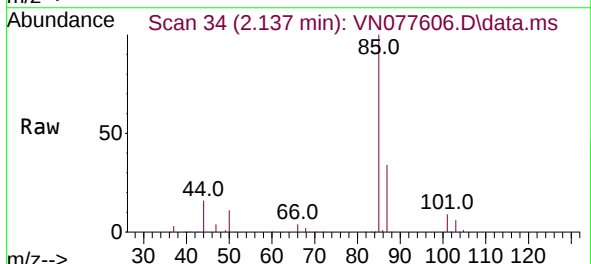
Instrument :
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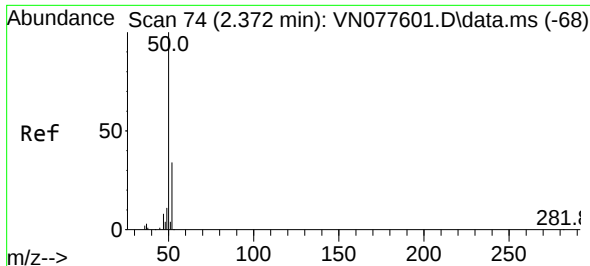
Tgt Ion:128 Resp: 120598
Ion Ratio Lower Upper
128 100
49 149.2 0.0 369.8
130 127.5 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 17.463 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 85 Resp: 150638
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9

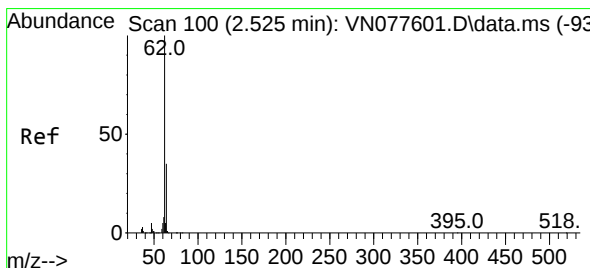
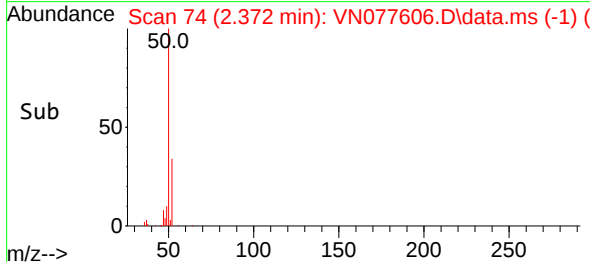
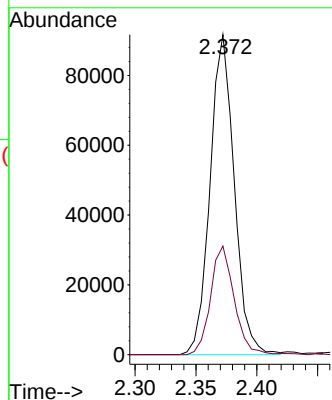
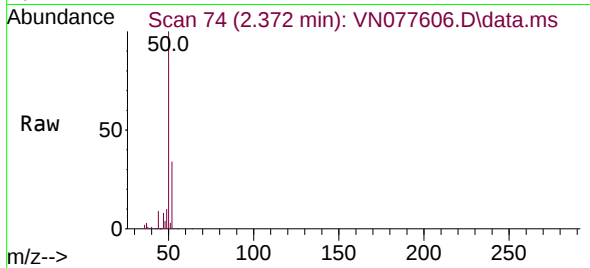




#3
Chloromethane
Concen: 18.883 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

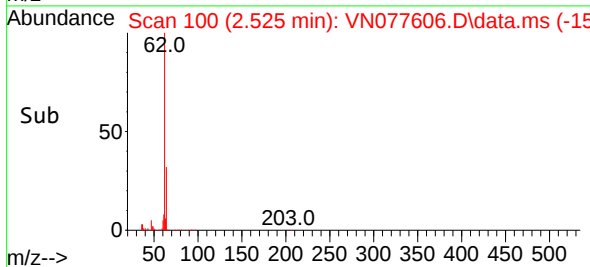
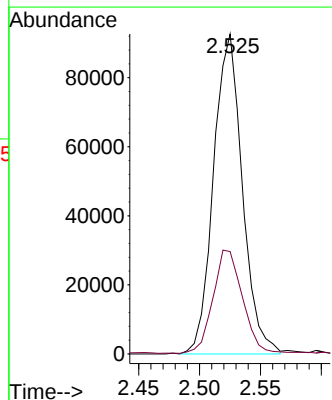
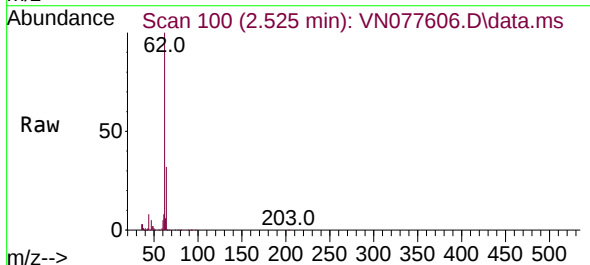
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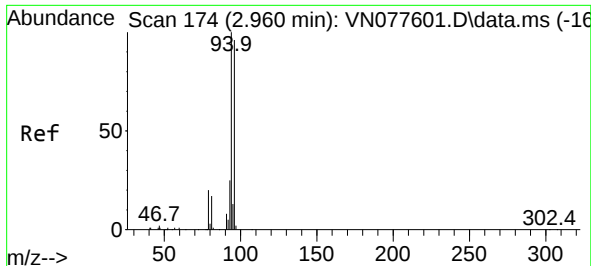
Tgt Ion: 50 Resp: 126627
Ion Ratio Lower Upper
50 100
52 33.9 27.3 40.9



#4
Vinyl Chloride
Concen: 17.967 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 62 Resp: 152527
Ion Ratio Lower Upper
62 100
64 31.8 27.8 41.6

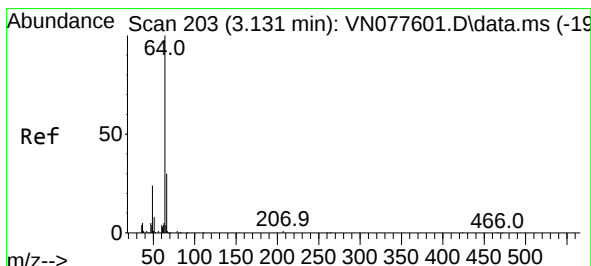
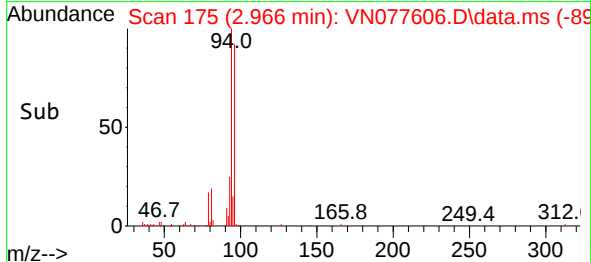
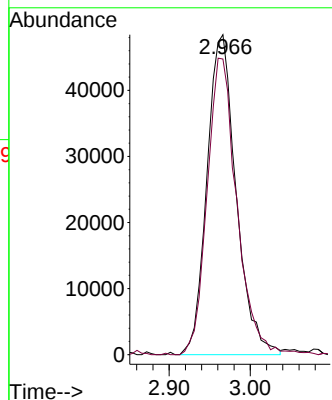
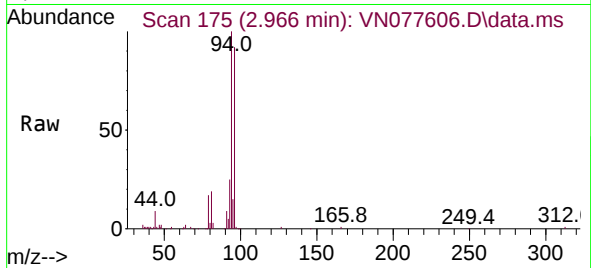




#5
Bromomethane
Concen: 19.565 ug/l
RT: 2.966 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

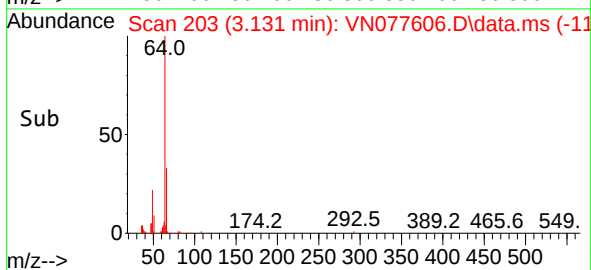
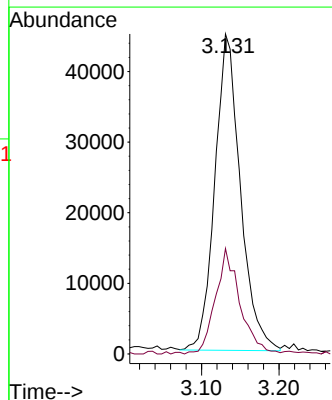
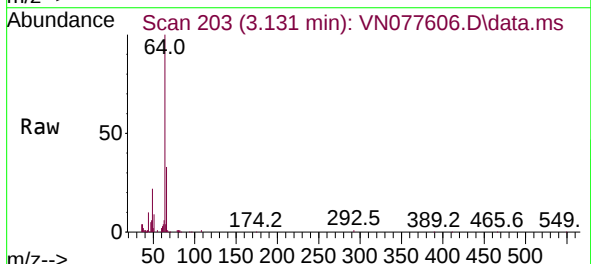
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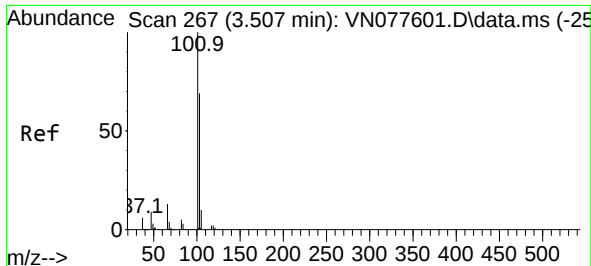
Tgt Ion: 94 Resp: 120695
Ion Ratio Lower Upper
94 100
96 92.4 76.7 115.1



#6
Chloroethane
Concen: 17.617 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 64 Resp: 102578
Ion Ratio Lower Upper
64 100
66 33.0 24.2 36.4

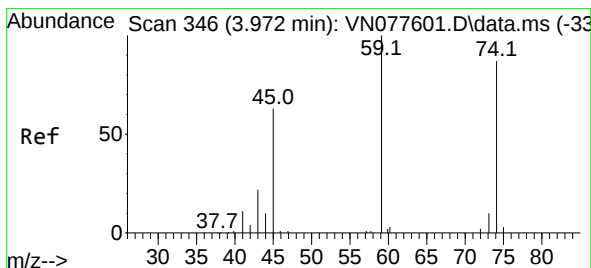
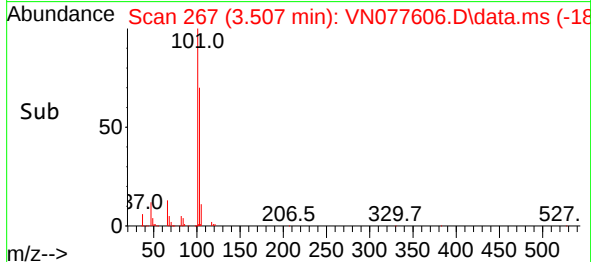
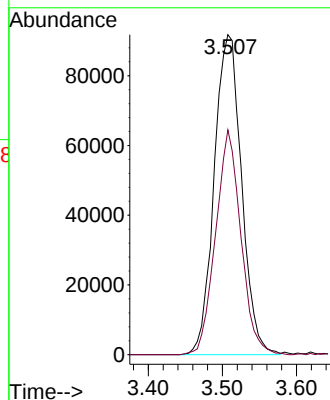
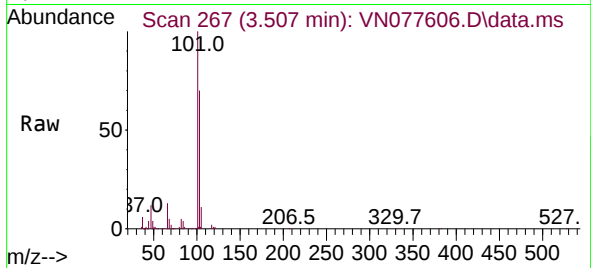




#7
 Trichlorofluoromethane
 Concen: 18.436 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

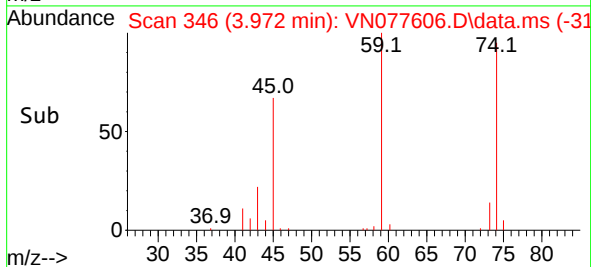
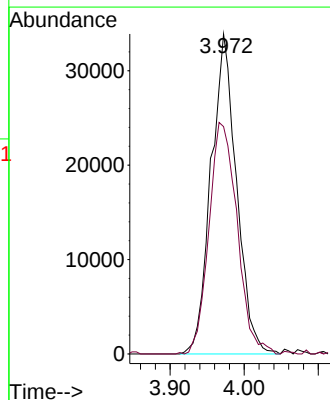
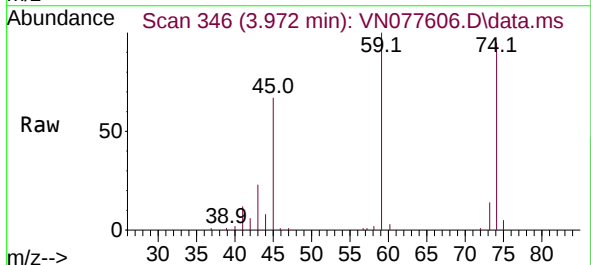
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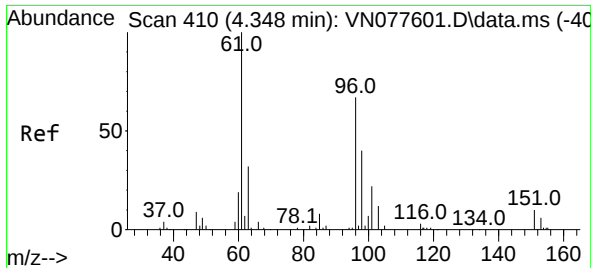
Tgt Ion:101 Resp: 235192
 Ion Ratio Lower Upper
 101 100
 103 70.2 55.0 82.4



#8
 Diethyl Ether
 Concen: 17.686 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

Tgt Ion: 74 Resp: 81109
 Ion Ratio Lower Upper
 74 100
 45 79.8 14.8 133.2

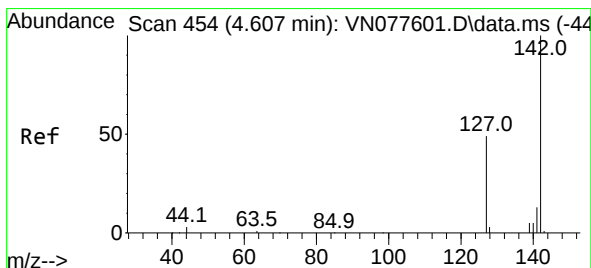
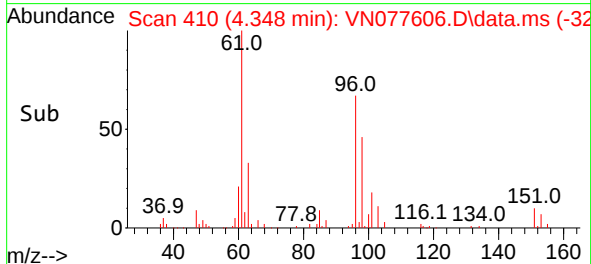
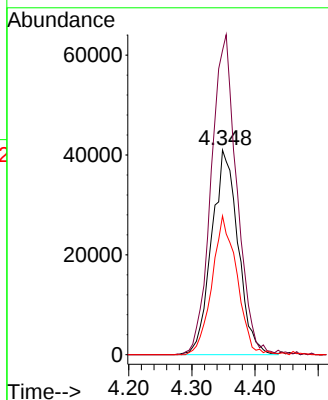
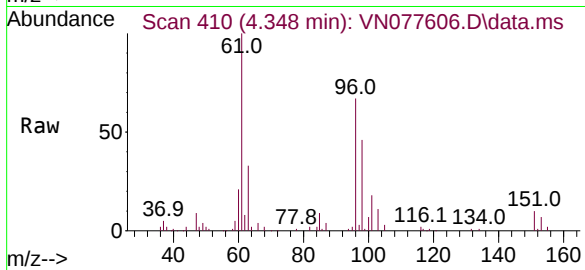




#10
1,1-Dichloroethene
Concen: 17.852 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

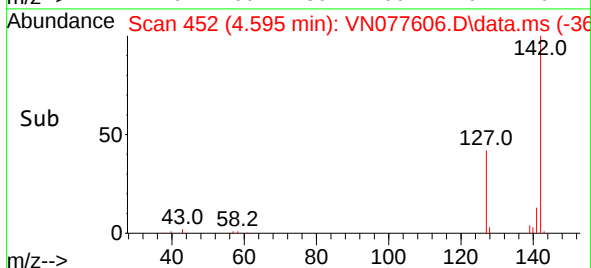
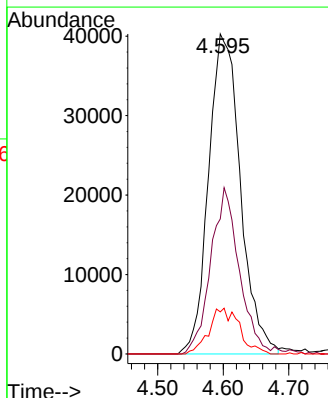
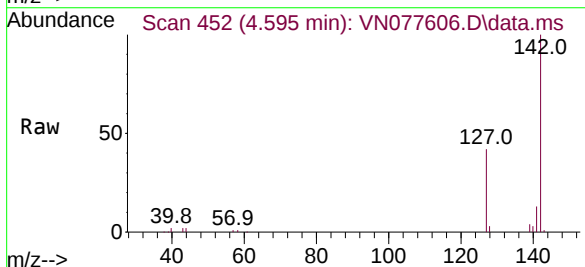
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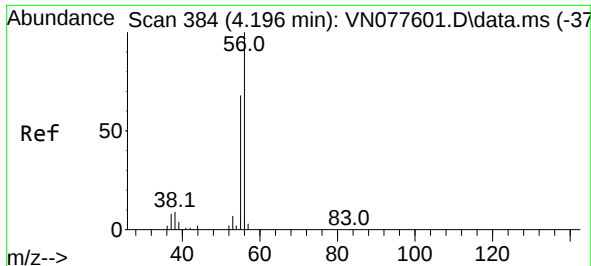
Tgt Ion: 96 Resp: 119049
Ion Ratio Lower Upper
96 100
61 148.2 120.1 180.1
98 67.8 48.3 72.5



#11
Methyl Iodide
Concen: 16.654 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.012 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 142 Resp: 135936
Ion Ratio Lower Upper
142 100
127 41.8 24.6 73.6
141 13.3 6.4 19.2





#13

Acrolein

Concen: 84.228 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

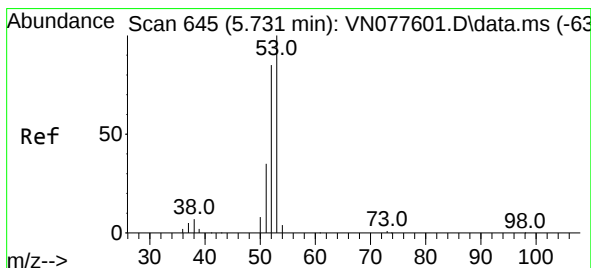
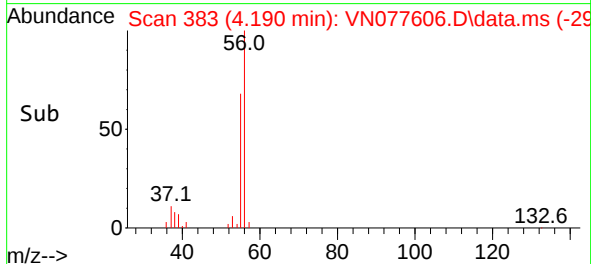
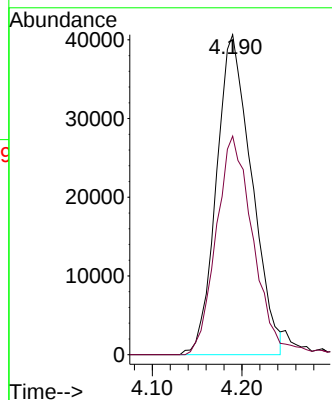
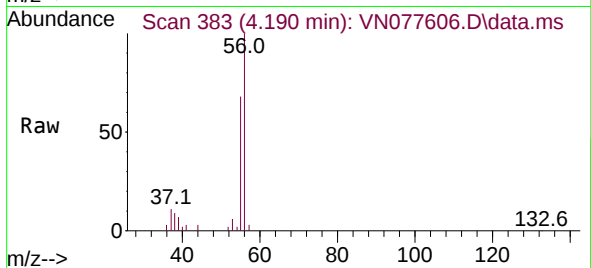
ICVVN050523

Tgt Ion: 56 Resp: 110958

Ion Ratio Lower Upper

56 100

55 70.3 54.8 82.2



#14

Acrylonitrile

Concen: 88.378 ug/l

RT: 5.731 min Scan# 645

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

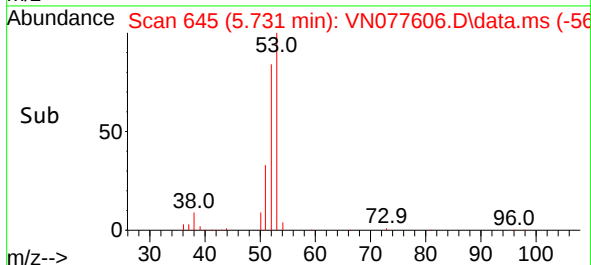
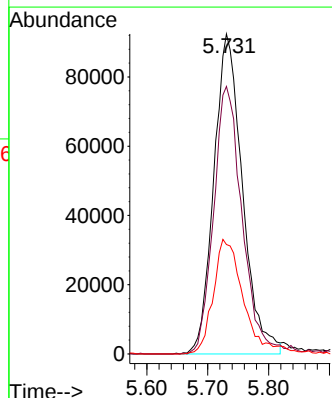
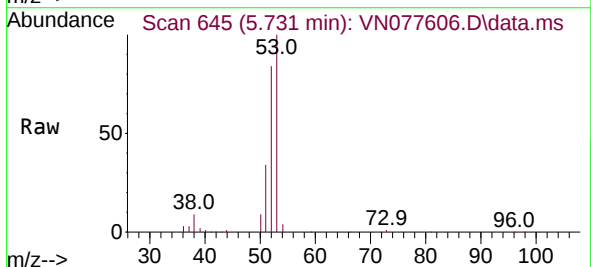
Tgt Ion: 53 Resp: 301644

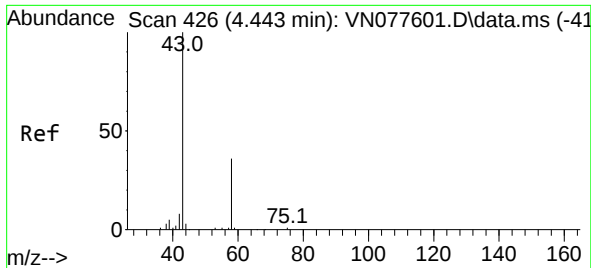
Ion Ratio Lower Upper

53 100

52 83.1 41.6 124.8

51 35.5 17.6 52.9





#15

Acetone

Concen: 101.800 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

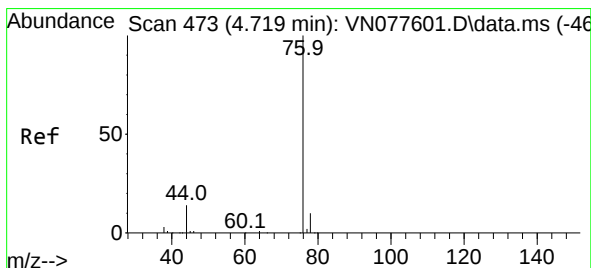
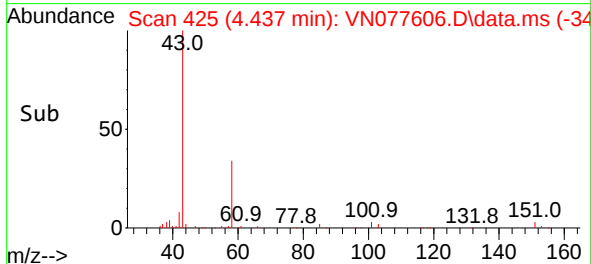
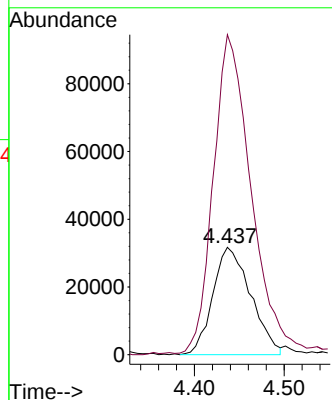
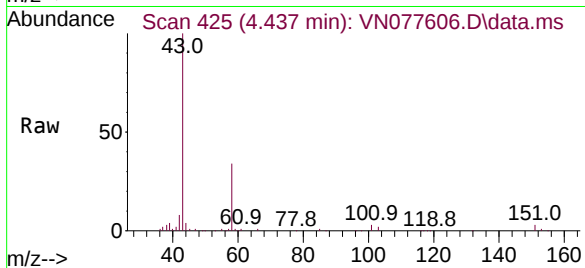
ICVVN050523

Tgt Ion: 58 Resp: 93174

Ion Ratio Lower Upper

58 100

43 296.7 223.2 334.8



#16

Carbon Disulfide

Concen: 17.713 ug/l

RT: 4.731 min Scan# 475

Delta R.T. 0.012 min

Lab File: VN077606.D

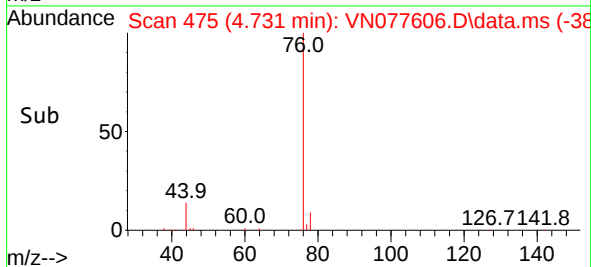
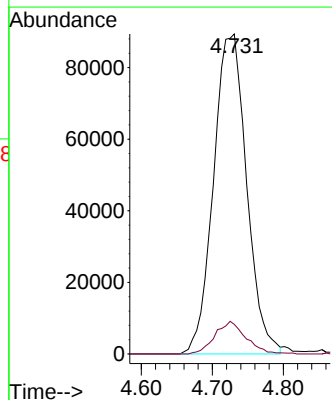
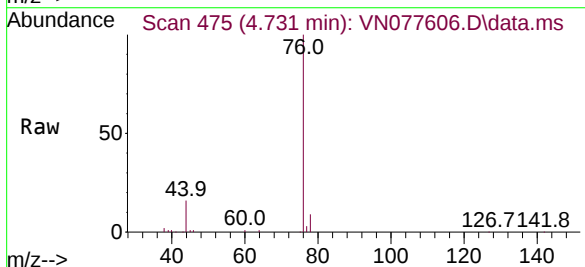
Acq: 05 May 2023 21:43

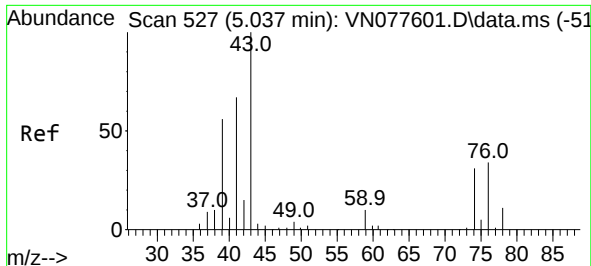
Tgt Ion: 76 Resp: 289307

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

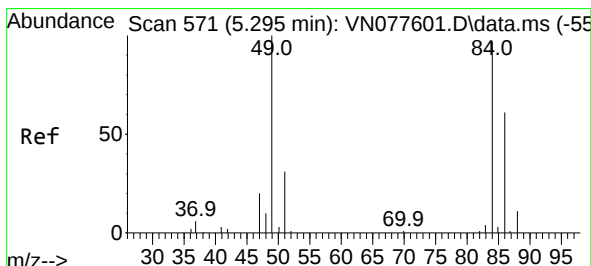
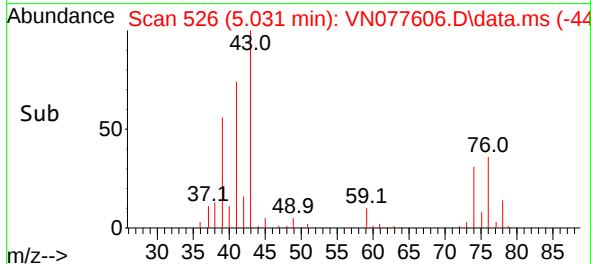
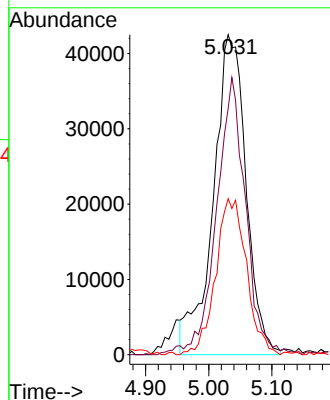
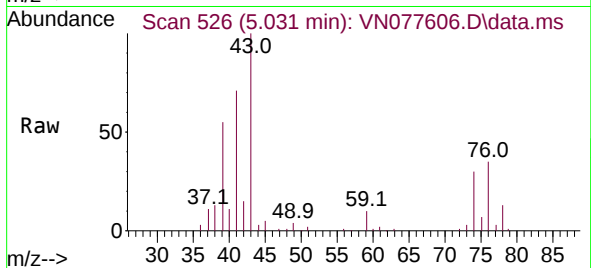




#17
 Allyl chloride
 Concen: 18.619 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

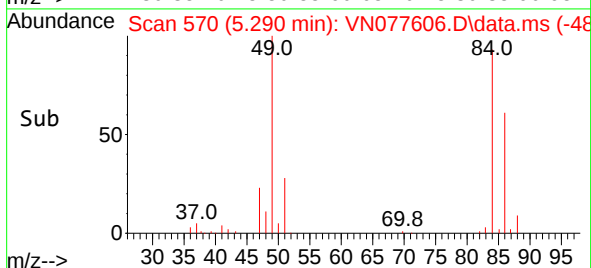
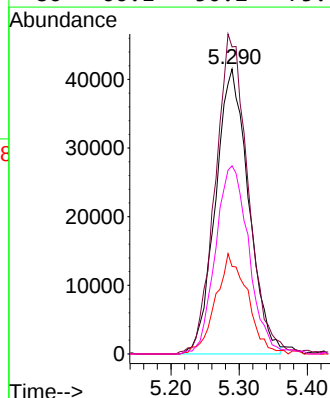
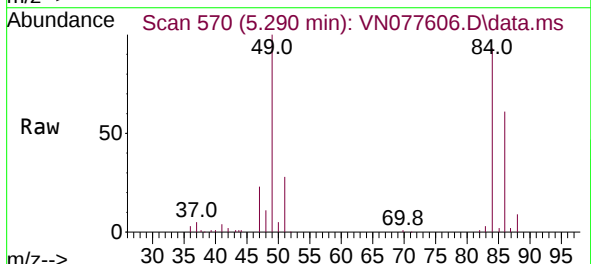
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050523

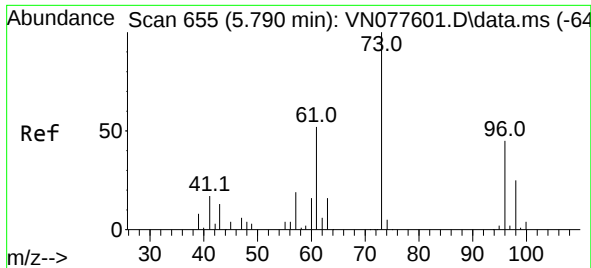
Tgt Ion: 41 Resp: 153554
 Ion Ratio Lower Upper
 41 100
 39 76.8 39.5 118.3
 76 49.4 23.4 70.3



#18
 Methylene Chloride
 Concen: 17.450 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.005 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

Tgt Ion: 84 Resp: 140208
 Ion Ratio Lower Upper
 84 100
 49 107.0 82.4 123.6
 51 30.7 25.1 37.7
 86 66.1 50.2 75.4

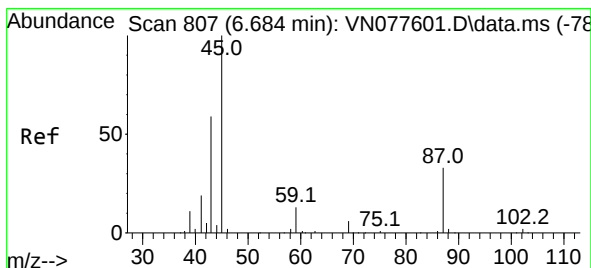
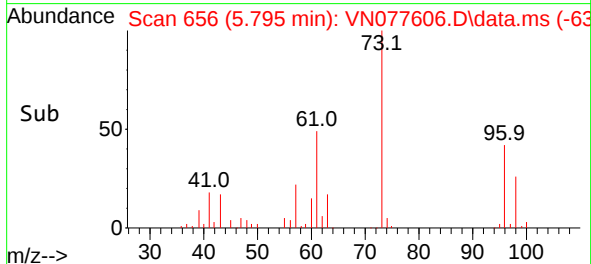
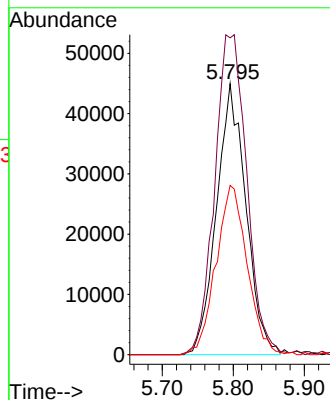
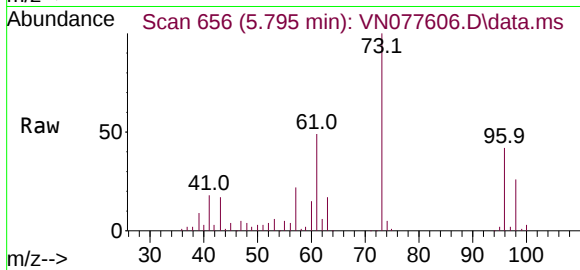




#19
trans-1,2-Dichloroethene
Concen: 17.646 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

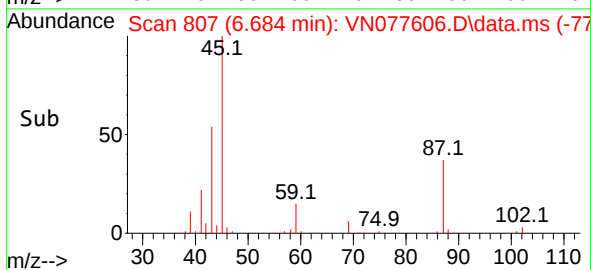
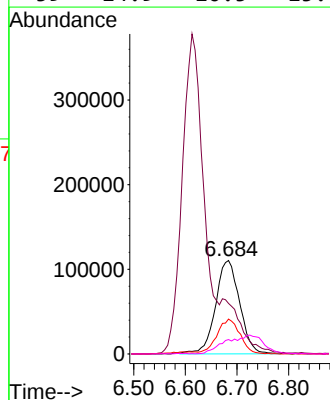
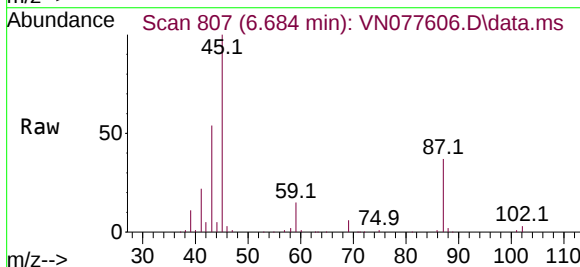
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

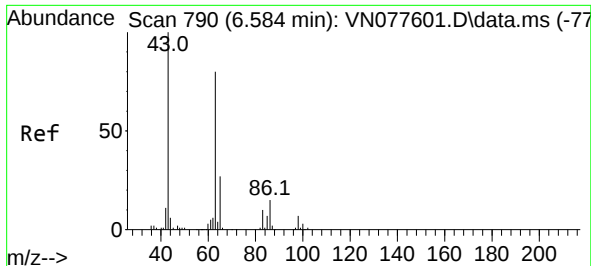
Tgt Ion: 96 Resp: 129259
Ion Ratio Lower Upper
96 100
61 116.9 92.4 138.6
98 62.4 44.8 67.2



#20
Diisopropyl ether
Concen: 18.007 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 45 Resp: 357314
Ion Ratio Lower Upper
45 100
43 52.9 47.1 70.7
87 37.4 26.2 39.2
59 14.9 10.5 15.7





#21

1,1-Dichloroethane

Concen: 18.079 ug/l

RT: 6.578 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050523

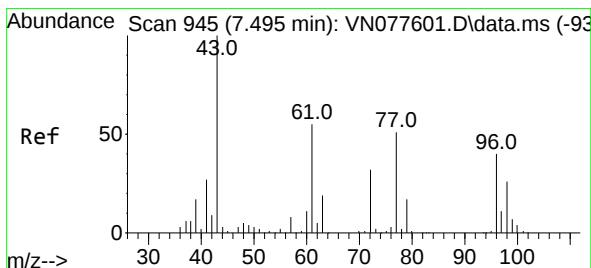
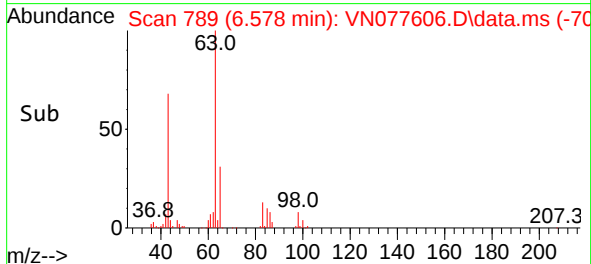
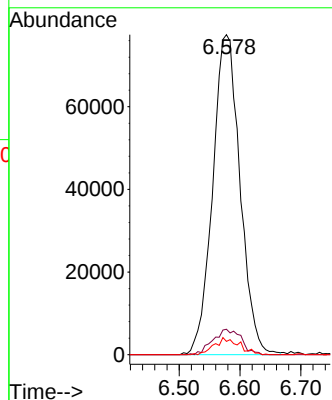
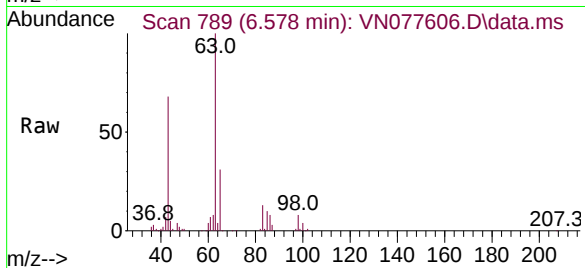
Tgt Ion: 63 Resp: 241816

Ion Ratio Lower Upper

63 100

98 7.9 4.3 13.1

100 4.1 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 17.305 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

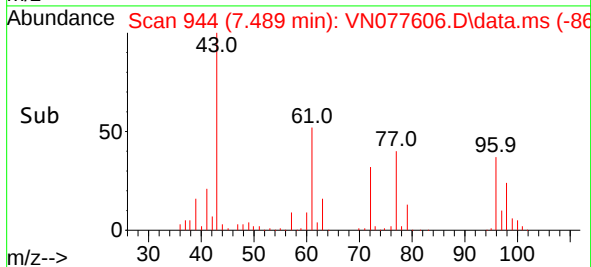
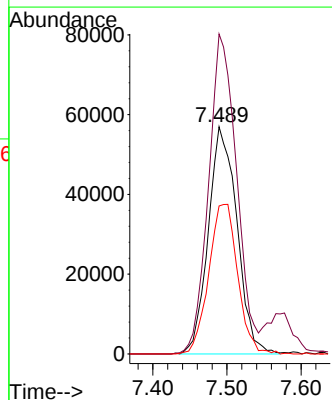
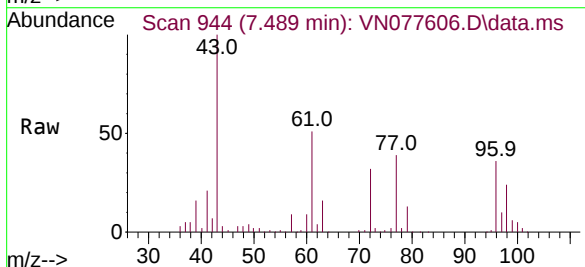
Tgt Ion: 96 Resp: 153037

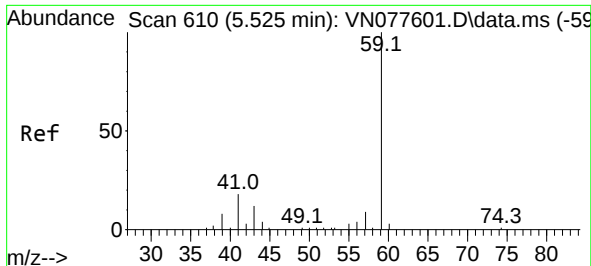
Ion Ratio Lower Upper

96 100

61 137.7 109.4 164.0

98 65.7 51.2 76.8

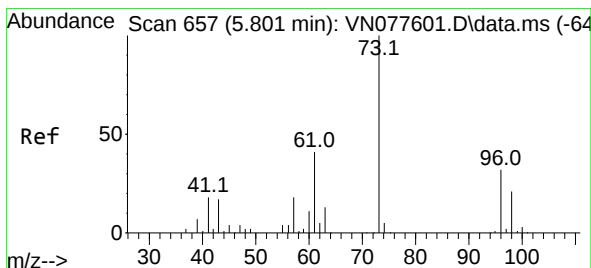
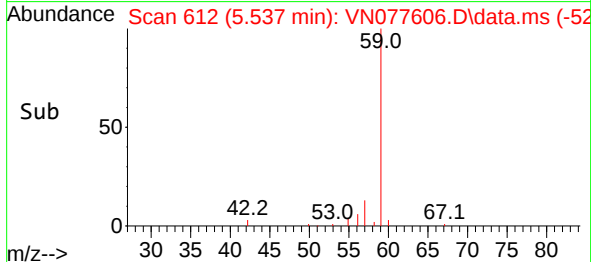
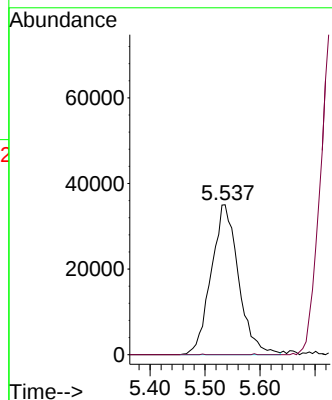
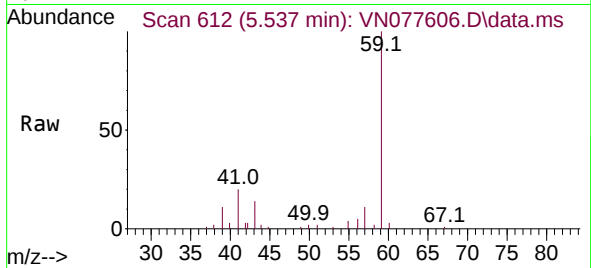




#23
tert-Butyl Alcohol
Concen: 88.207 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

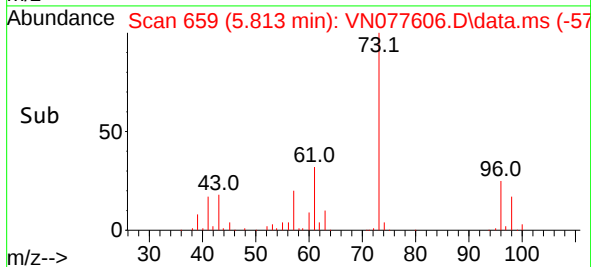
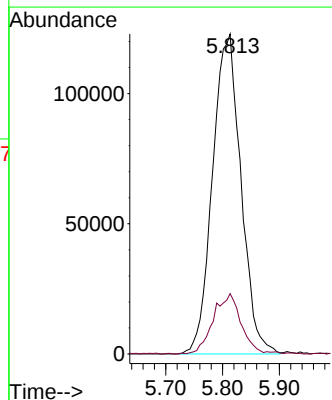
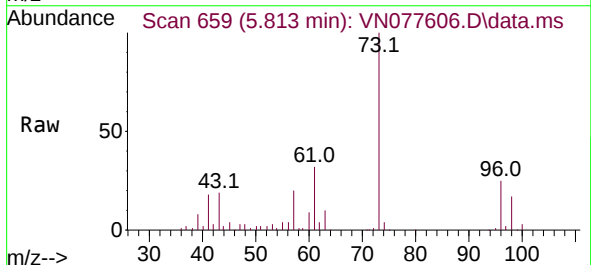
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

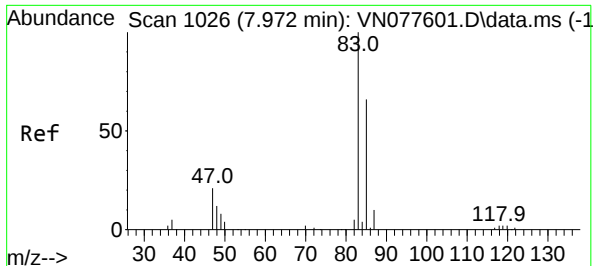
Tgt Ion: 59 Resp: 121079
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.656 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.012 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 73 Resp: 427329
Ion Ratio Lower Upper
73 100
43 10.1 14.3 21.5#





#25

Chloroform

Concen: 17.794 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

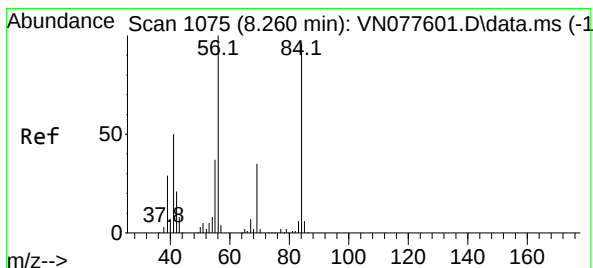
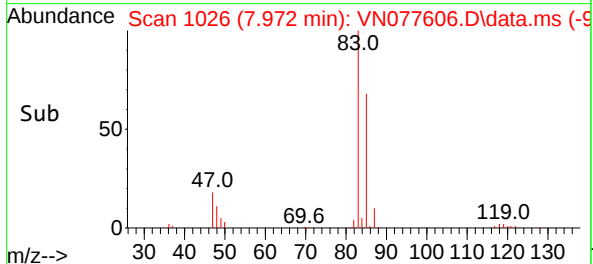
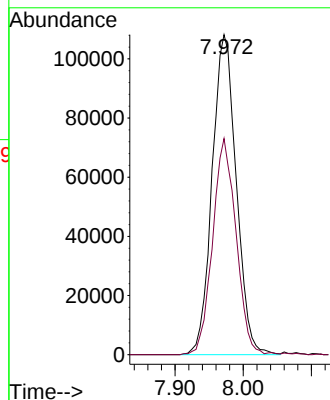
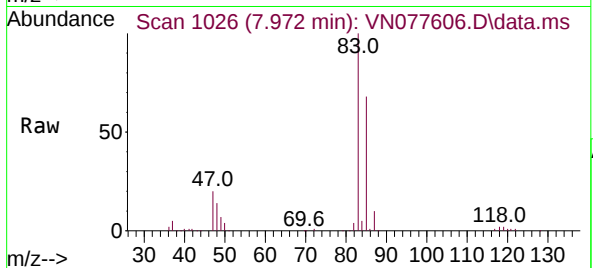
ICVVN050523

Tgt Ion: 83 Resp: 266562

Ion Ratio Lower Upper

83 100

85 67.5 53.0 79.6



#26

Cyclohexane

Concen: 17.562 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

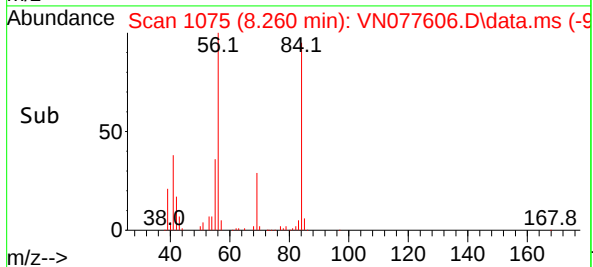
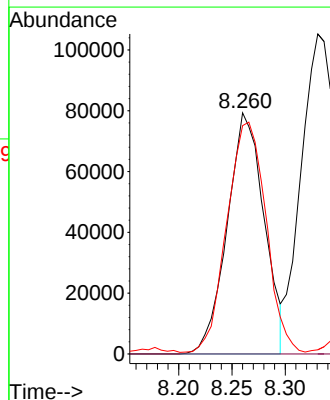
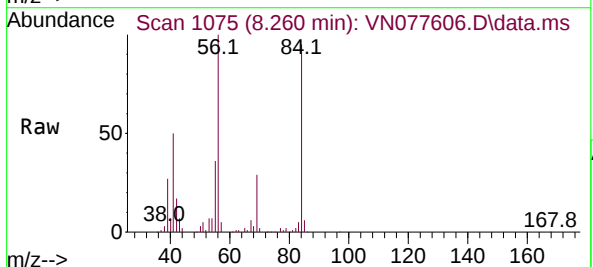
Tgt Ion: 56 Resp: 191115

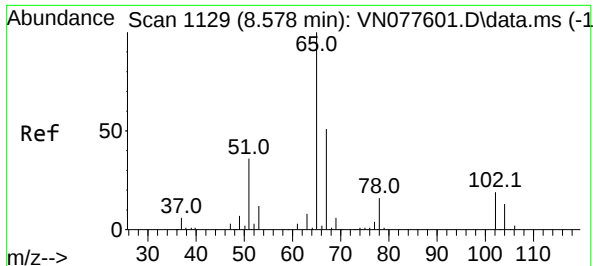
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 102.5 84.6 126.8

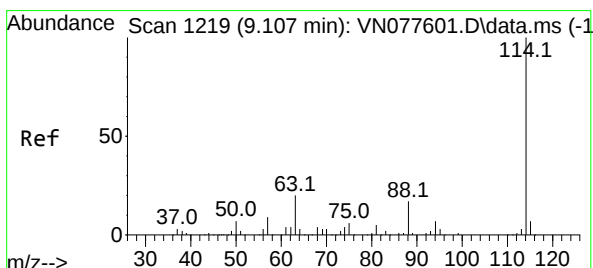
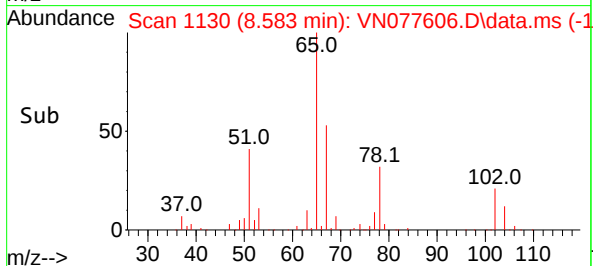
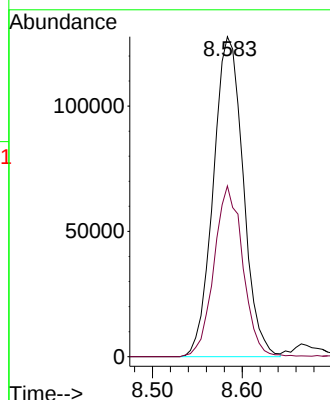
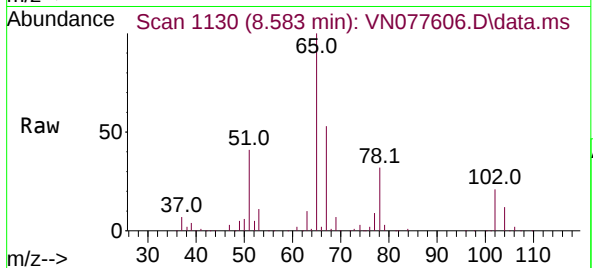




#27
1,2-Dichloroethane-d4
Concen: 30.231 ug/l
RT: 8.583 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

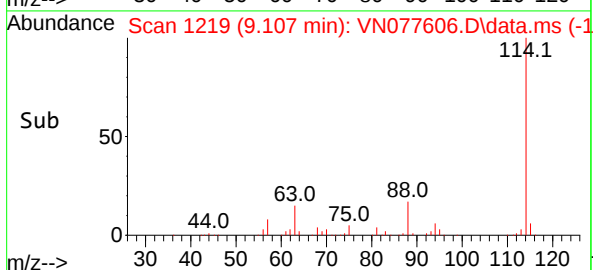
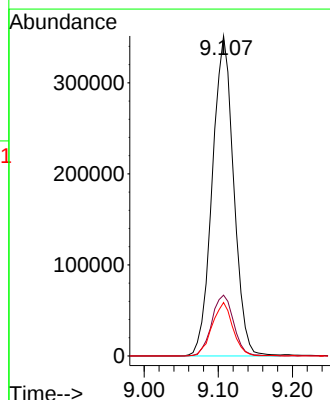
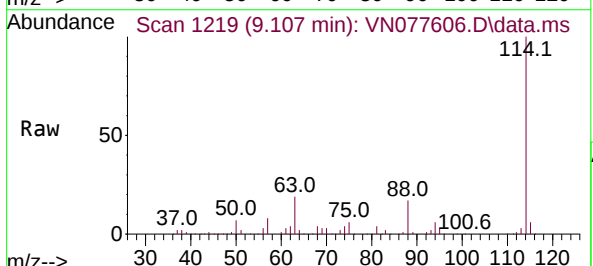
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

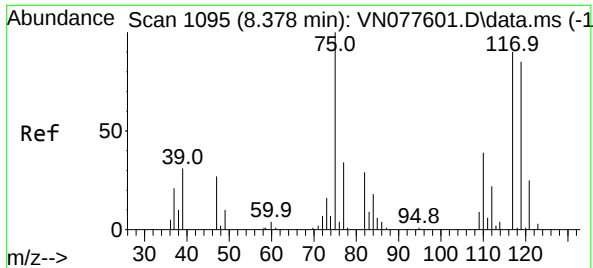
Tgt Ion: 65 Resp: 295226
Ion Ratio Lower Upper
65 100
67 51.4 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 114 Resp: 705869
Ion Ratio Lower Upper
114 100
63 19.5 15.8 23.6
88 16.2 13.0 19.4

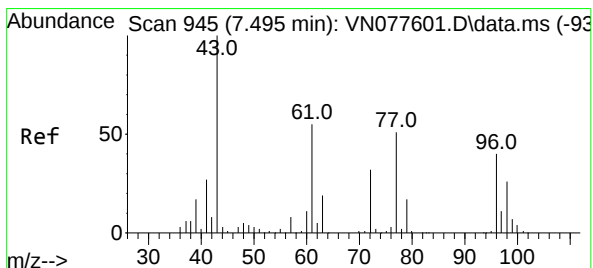
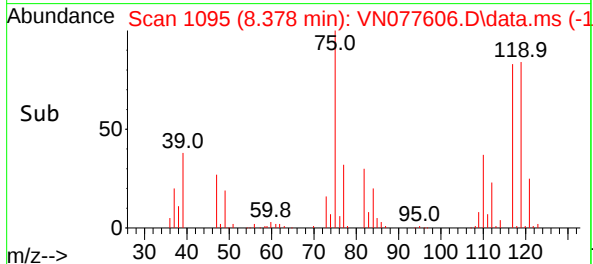
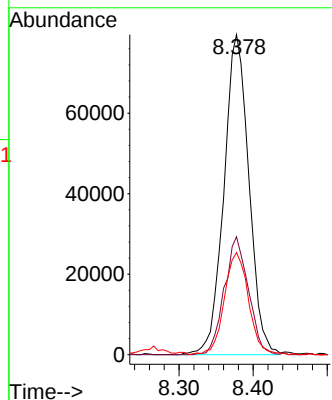
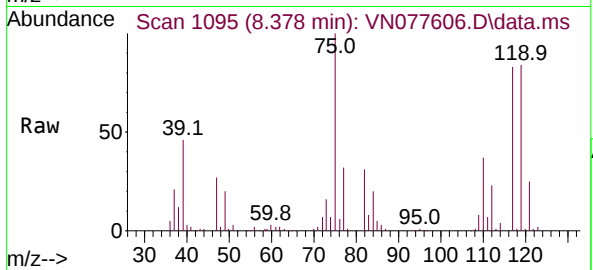




#29
1,1-Dichloropropene
Concen: 17.976 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

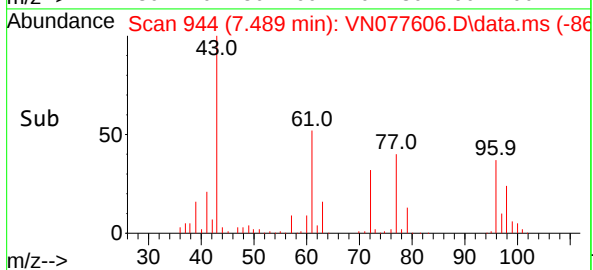
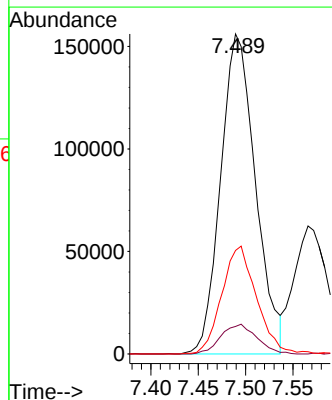
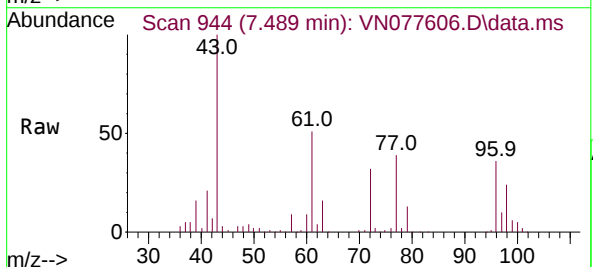
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

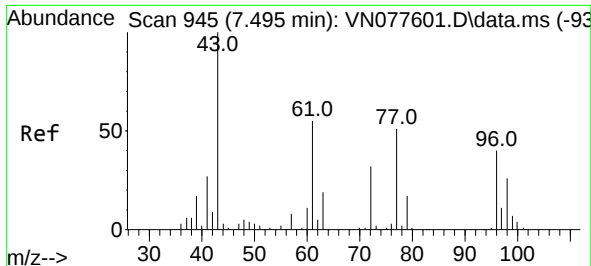
Tgt Ion: 75 Resp: 185905
Ion Ratio Lower Upper
75 100
110 35.0 0.0 69.8
77 30.8 0.0 61.4



#30
2-Butanone
Concen: 95.617 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 43 Resp: 400204
Ion Ratio Lower Upper
43 100
57 9.6 7.2 10.8
72 33.3 26.2 39.2





#31

2,2-Dichloropropane

Concen: 17.139 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

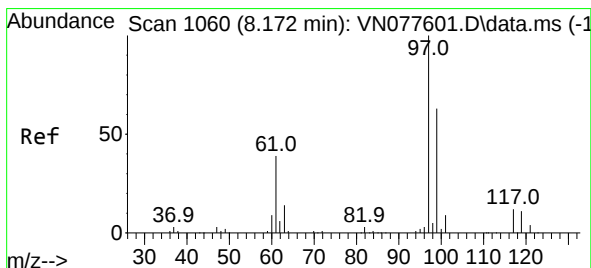
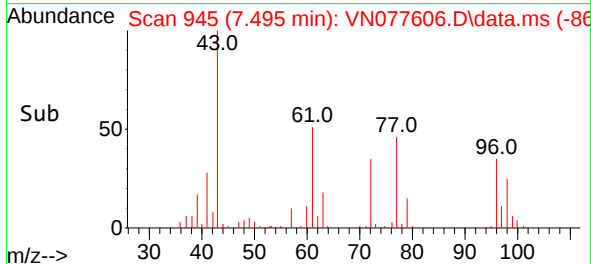
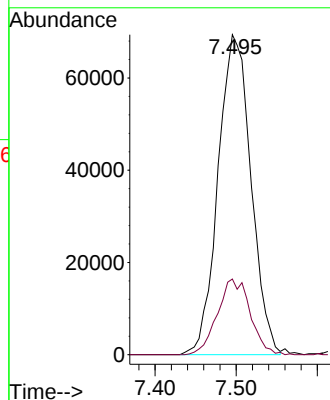
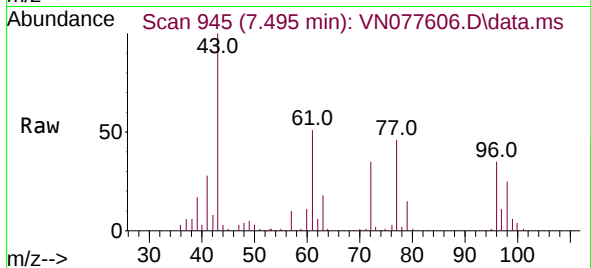
ICVVN050523

Tgt Ion: 77 Resp: 195316

Ion Ratio Lower Upper

77 100

97 23.5 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 17.726 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

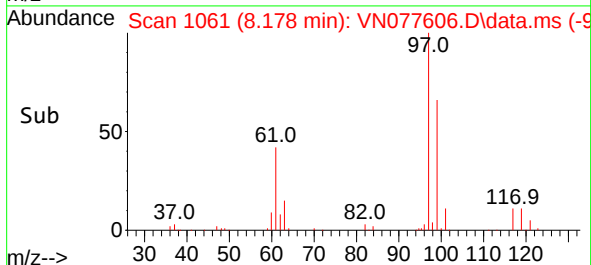
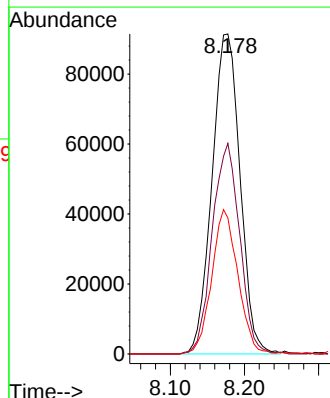
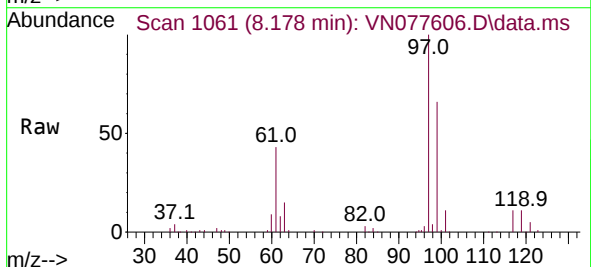
Tgt Ion: 97 Resp: 240625

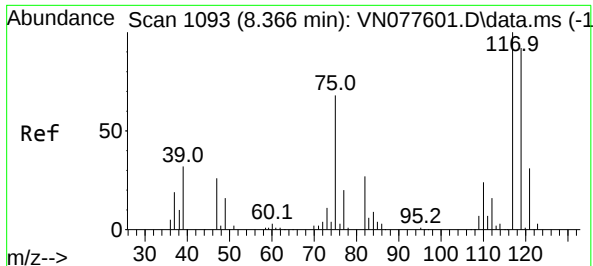
Ion Ratio Lower Upper

97 100

99 64.2 53.1 79.7

61 42.1 35.1 52.7

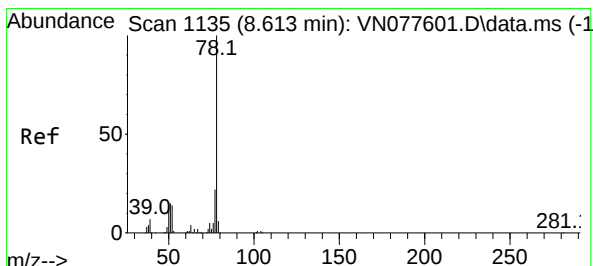
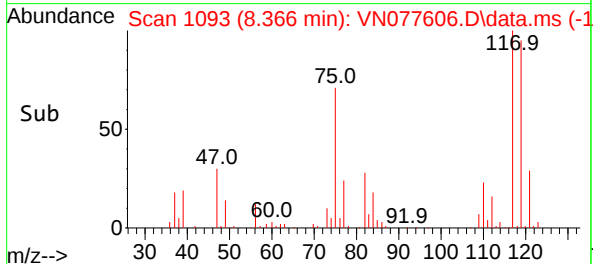
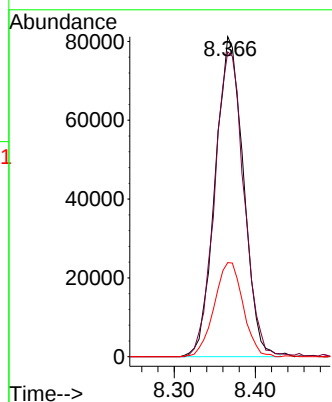
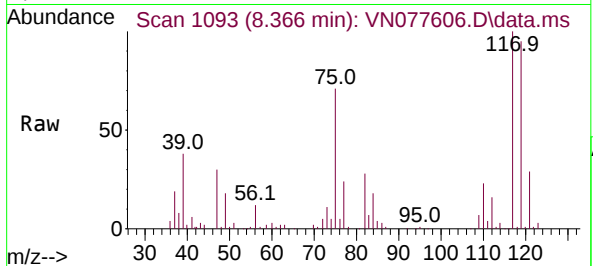




#33
Carbon Tetrachloride
Concen: 17.391 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

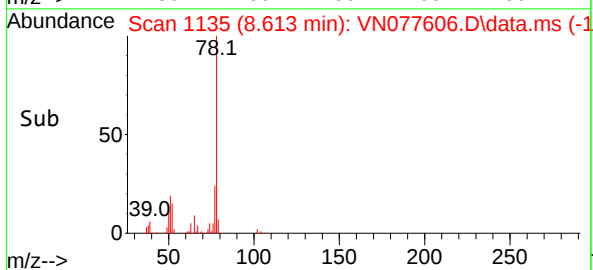
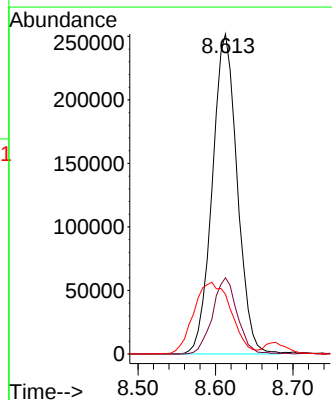
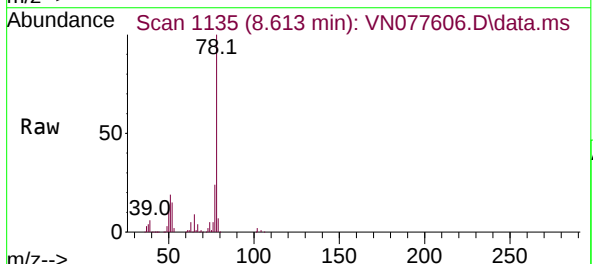
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

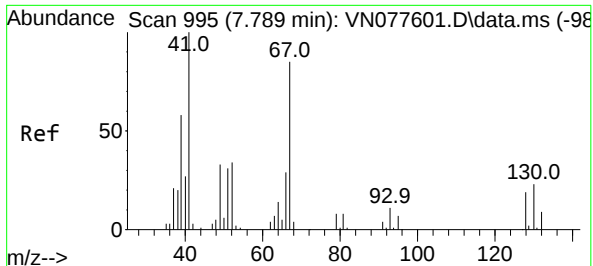
Tgt Ion:117 Resp: 196129
Ion Ratio Lower Upper
117 100
119 95.2 73.9 110.9
121 29.4 25.0 37.4



#34
Benzene
Concen: 17.647 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 78 Resp: 563084
Ion Ratio Lower Upper
78 100
77 23.8 17.2 25.8
51 16.1 12.3 18.5

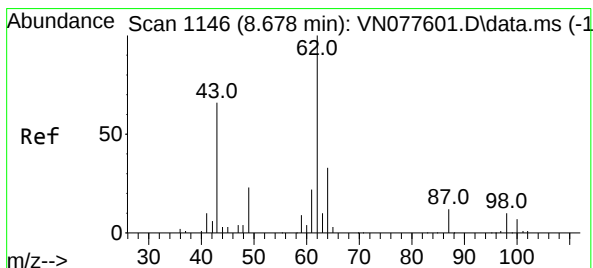
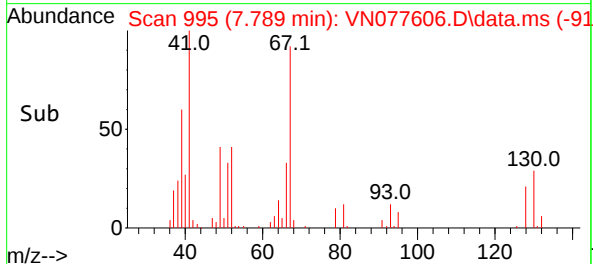
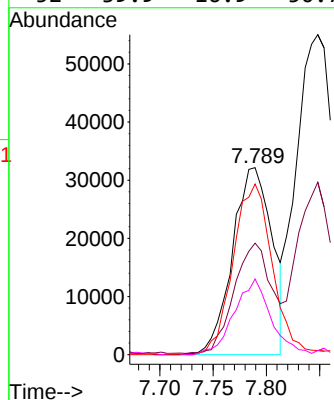
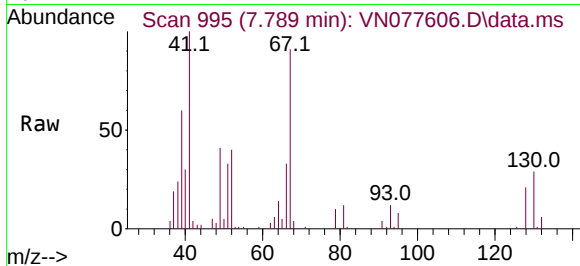




#35
Methacrylonitrile
Concen: 17.915 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

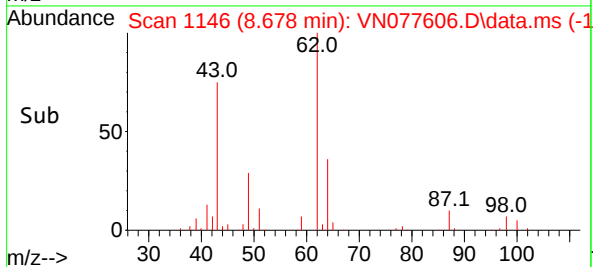
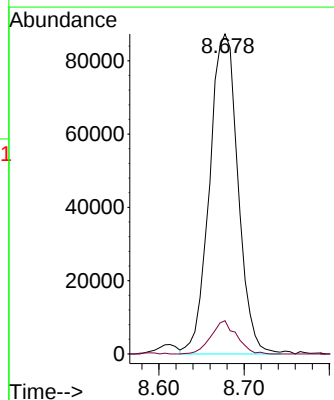
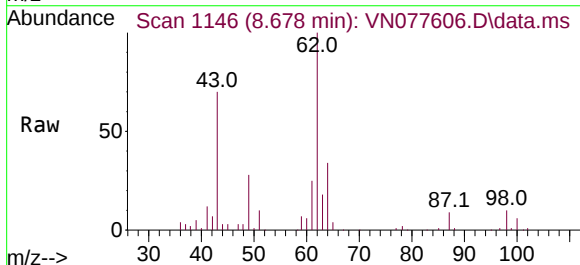
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

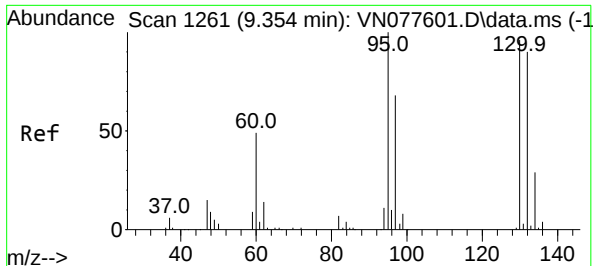
Tgt Ion:	41	Resp:	83161
Ion	Ratio	Lower	Upper
41	100		
39	58.7	28.7	86.3
67	91.3	42.7	128.1
52	39.9	16.9	50.7



#36
1,2-Dichloroethane
Concen: 17.836 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion:	62	Resp:	202435
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.6	11.4





#37

Trichloroethene

Concen: 17.297 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

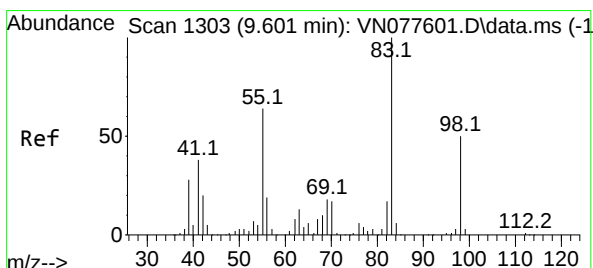
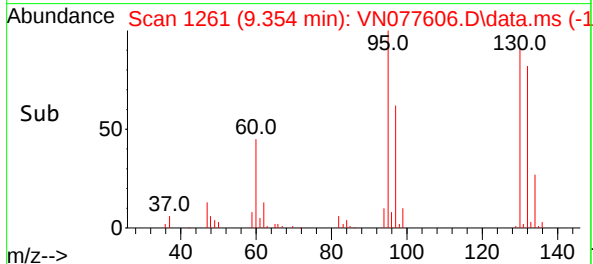
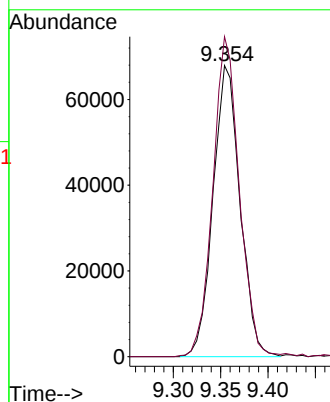
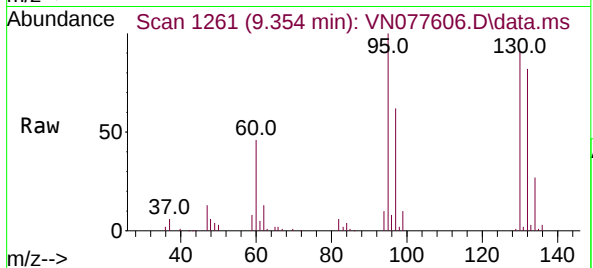
ICVVN050523

Tgt Ion:130 Resp: 134700

Ion Ratio Lower Upper

130 100

95 109.5 83.0 124.6



#38

Methylcyclohexane

Concen: 16.798 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

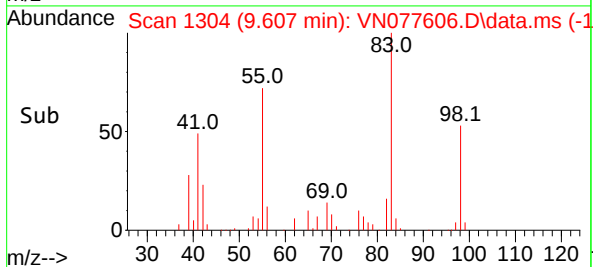
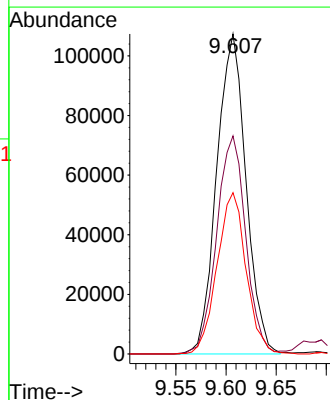
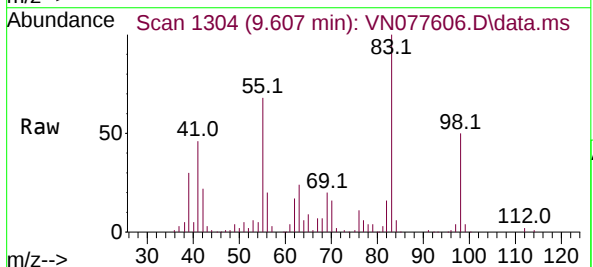
Tgt Ion: 83 Resp: 218153

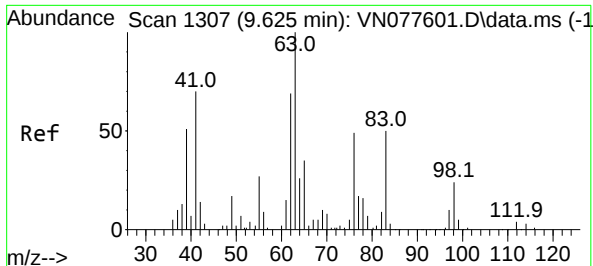
Ion Ratio Lower Upper

83 100

55 67.5 33.6 100.8

98 50.0 25.3 75.8





#39

1,2-Dichloropropane

Concen: 18.365 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

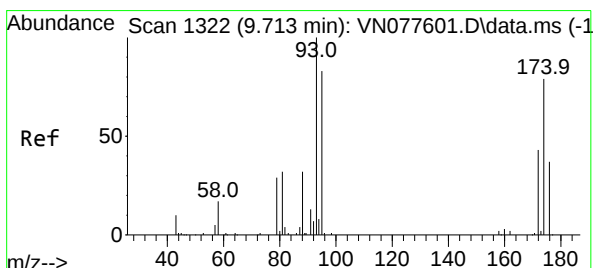
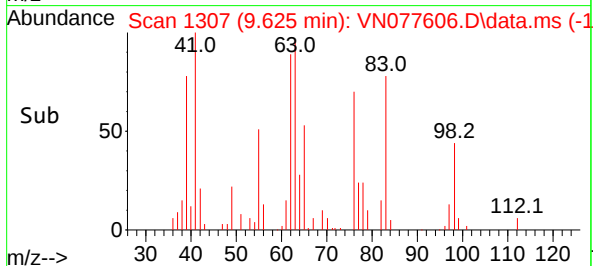
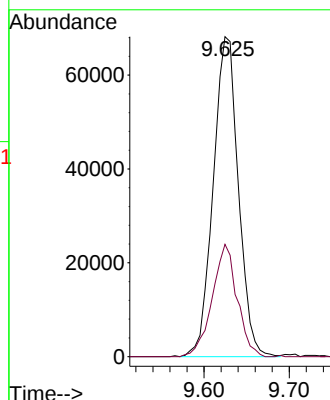
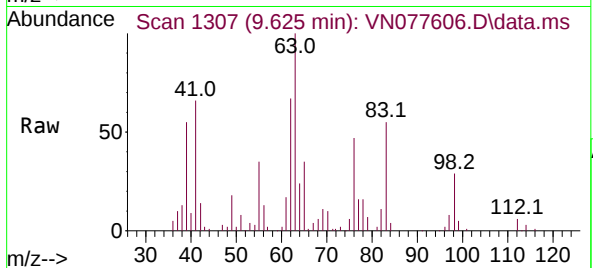
ICVVN050523

Tgt Ion: 63 Resp: 139736

Ion Ratio Lower Upper

63 100

65 35.1 28.2 42.4



#40

Dibromomethane

Concen: 18.113 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

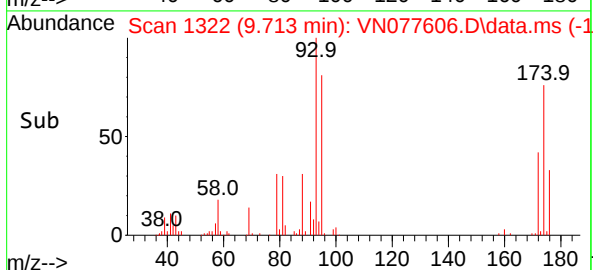
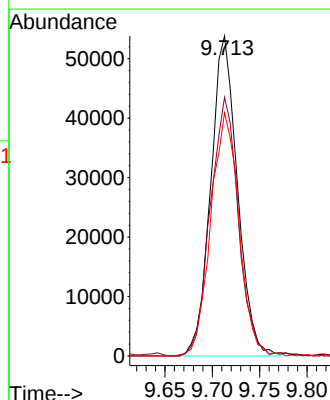
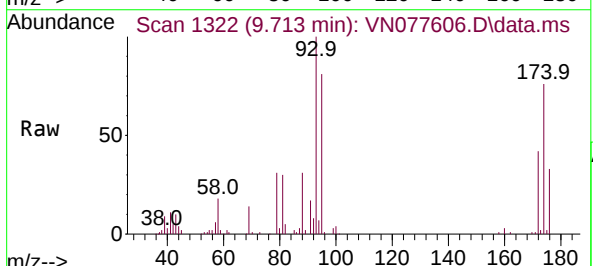
Tgt Ion: 93 Resp: 105435

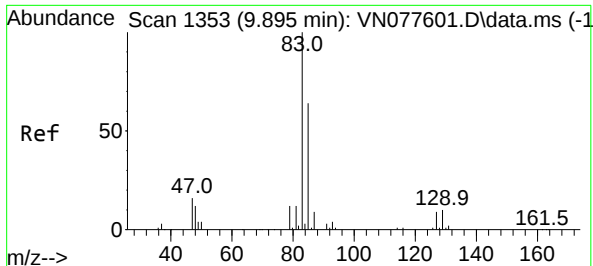
Ion Ratio Lower Upper

93 100

95 84.3 0.0 164.0

174 79.9 0.0 157.0

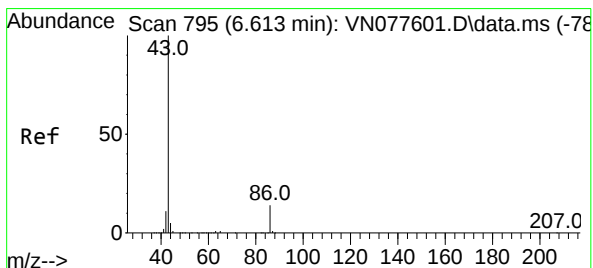
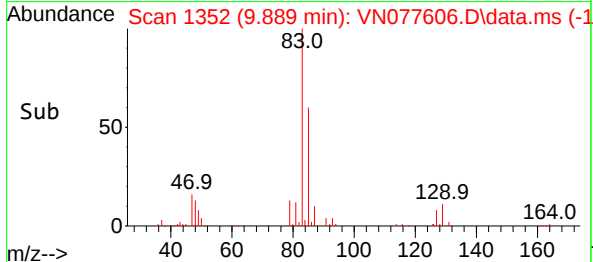
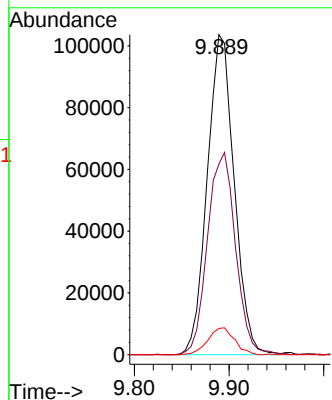
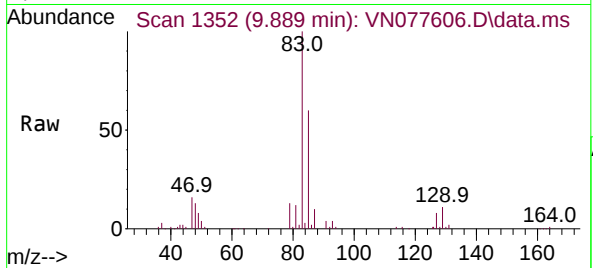




#41
Bromodichloromethane
Concen: 17.784 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

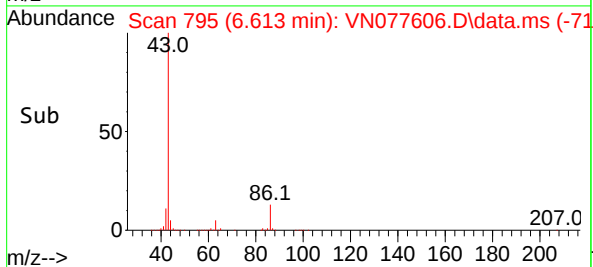
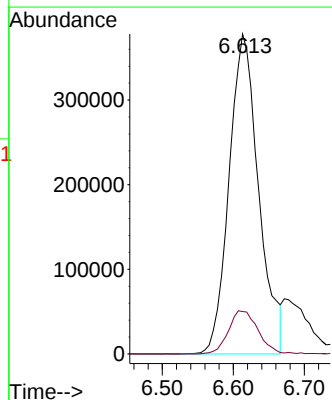
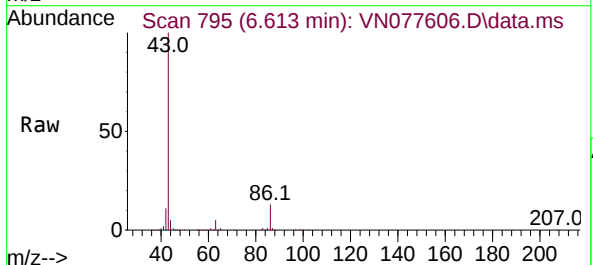
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

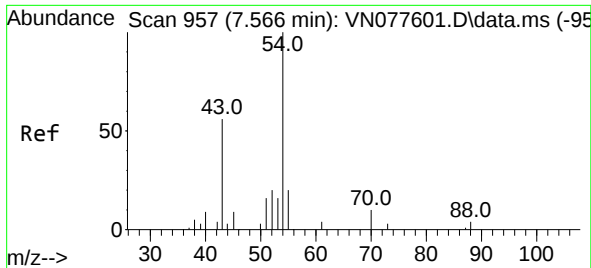
Tgt Ion: 83 Resp: 205056
Ion Ratio Lower Upper
83 100
85 59.3 51.2 76.8
127 8.2 7.3 10.9



#42
Vinyl Acetate
Concen: 89.540 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 43 Resp: 1093857
Ion Ratio Lower Upper
43 100
86 13.5 10.3 15.5

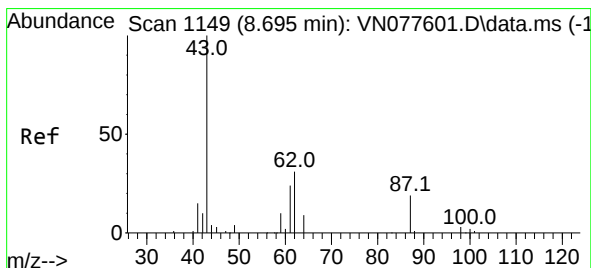
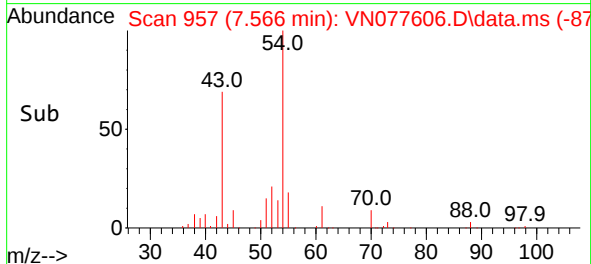
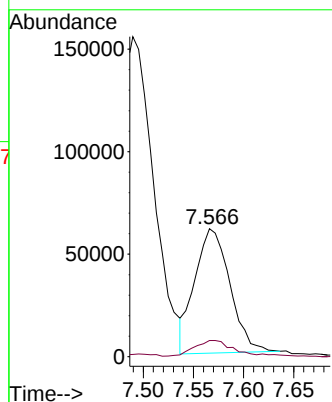
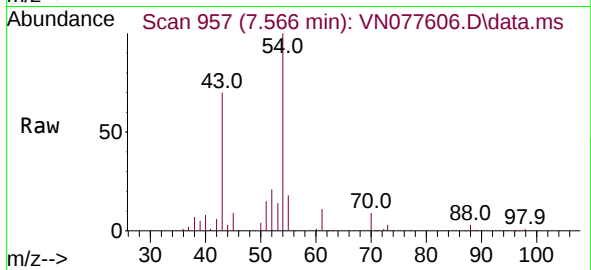




#43
Ethyl Acetate
Concen: 17.181 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

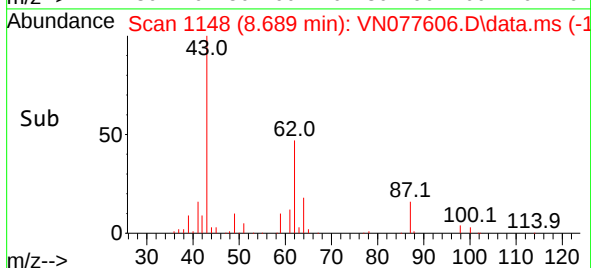
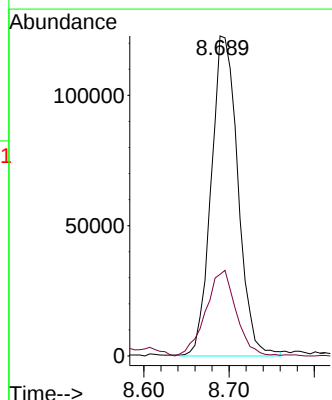
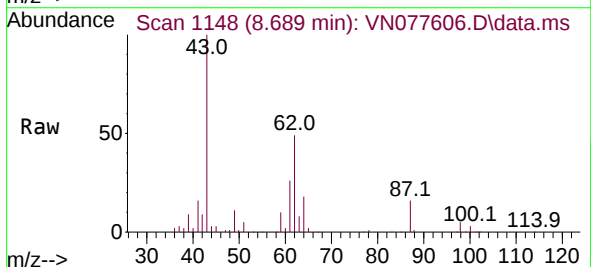
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

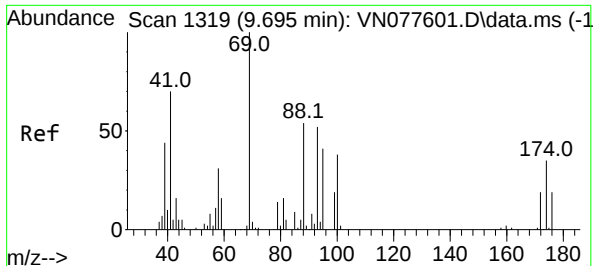
Tgt Ion: 43 Resp: 147902
Ion Ratio Lower Upper
43 100
45 13.3 8.2 12.4#



#44
Isopropyl Acetate
Concen: 18.115 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 43 Resp: 268056
Ion Ratio Lower Upper
43 100
61 30.1 23.2 34.8

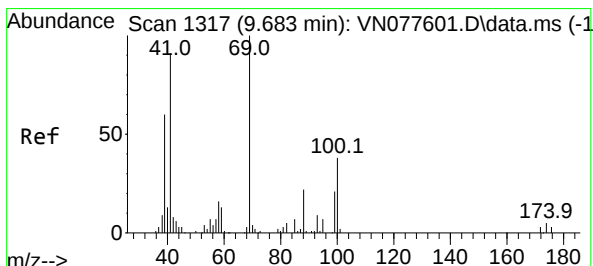
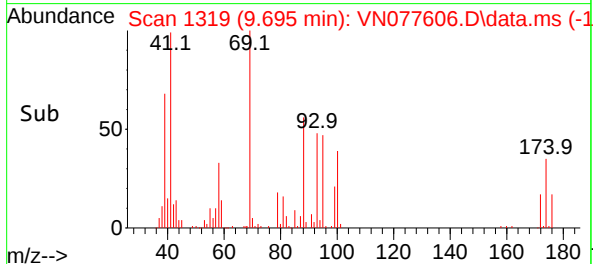
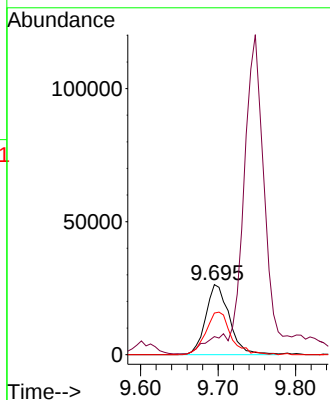
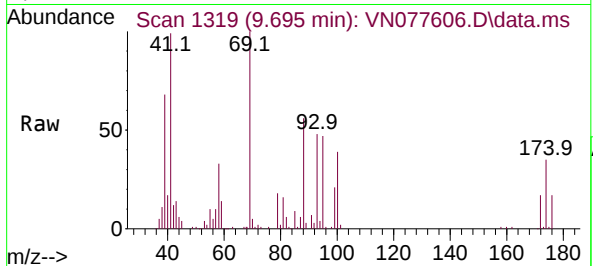




#45
1,4-Dioxane
Concen: 355.660 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

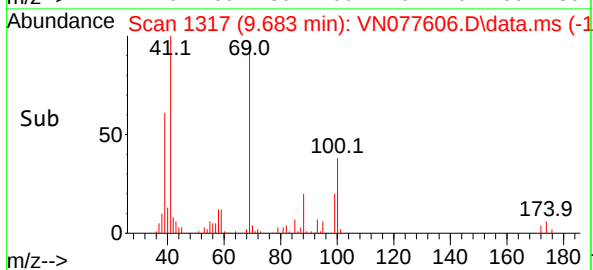
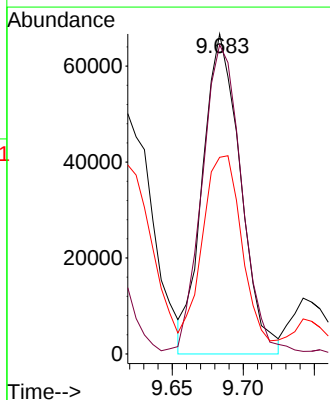
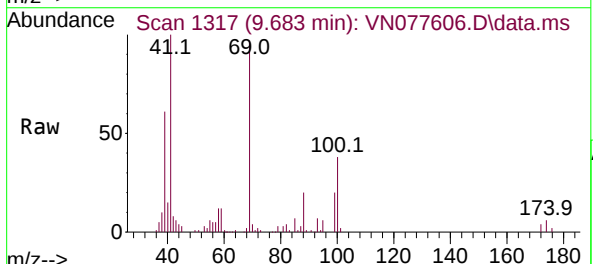
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

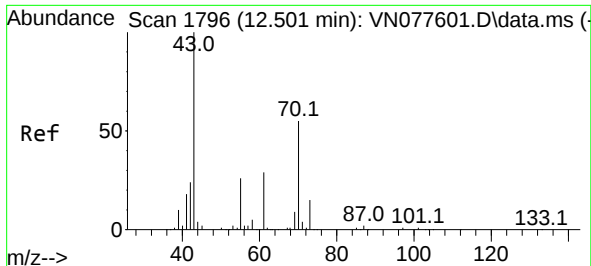
Tgt Ion: 88 Resp: 55958
Ion Ratio Lower Upper
88 100
43 26.1 18.2 27.2
58 62.7 47.5 71.3



#46
Methyl methacrylate
Concen: 18.382 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 41 Resp: 123999
Ion Ratio Lower Upper
41 100
69 99.0 52.0 156.0
39 60.0 33.6 100.6

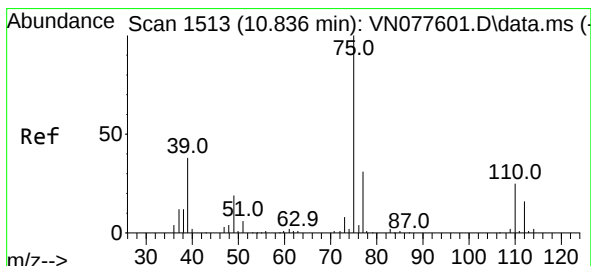
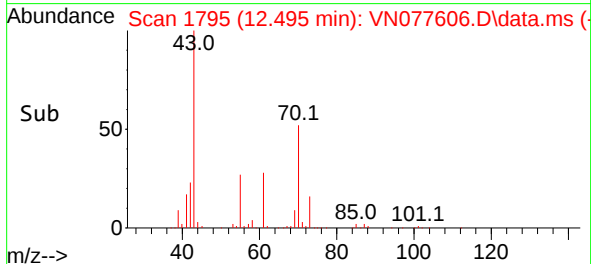
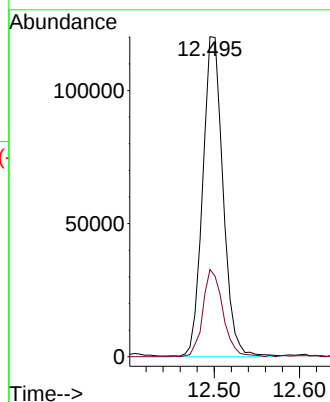
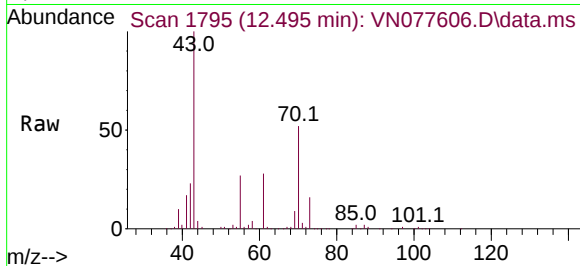




#47
n-amyl acetate
Concen: 17.206 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

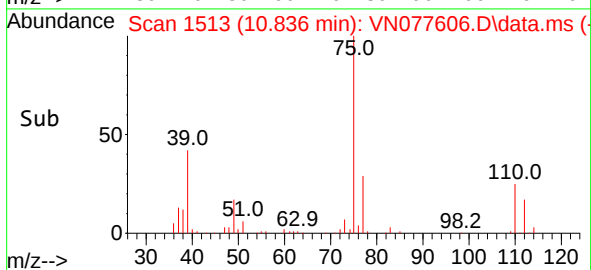
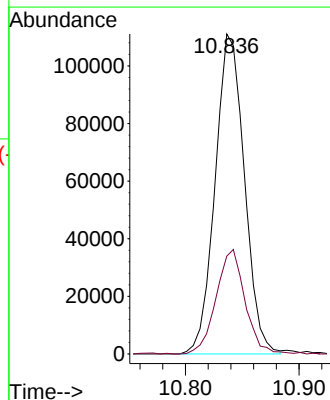
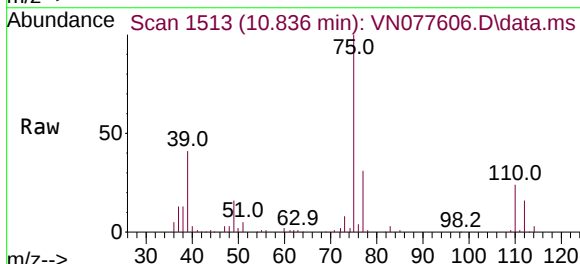
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

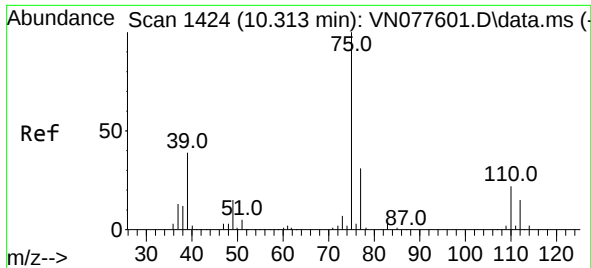
Tgt Ion: 43 Resp: 199560
Ion Ratio Lower Upper
43 100
55 26.8 21.4 32.0



#48
t-1,3-Dichloropropene
Concen: 17.247 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 75 Resp: 198988
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7



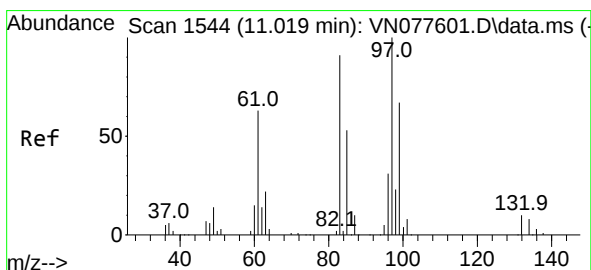
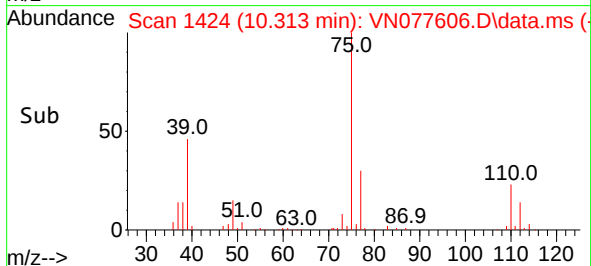
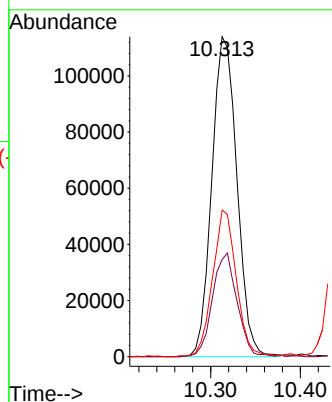
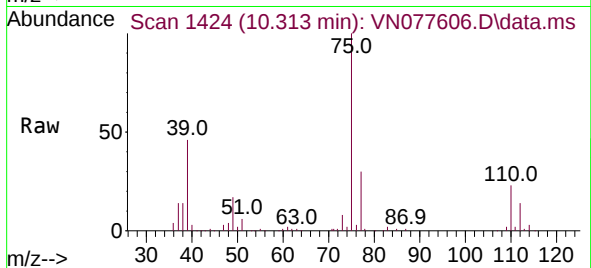


#49
 cis-1,3-Dichloropropene
 Concen: 17.491 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050523

Tgt Ion: 75 Resp: 221234

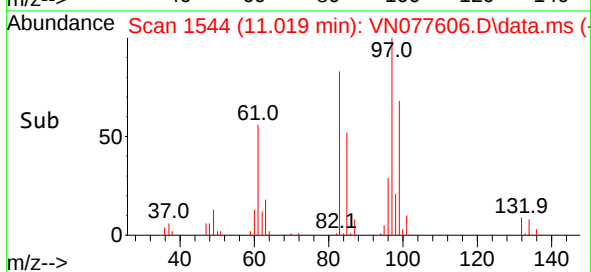
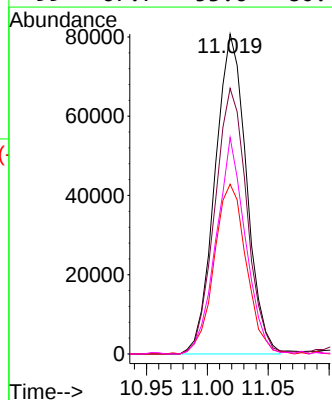
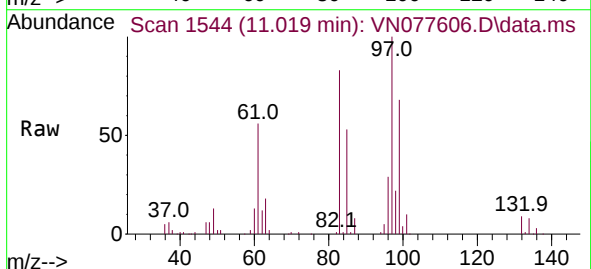
Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.7	37.1
39	45.5	31.0	46.6

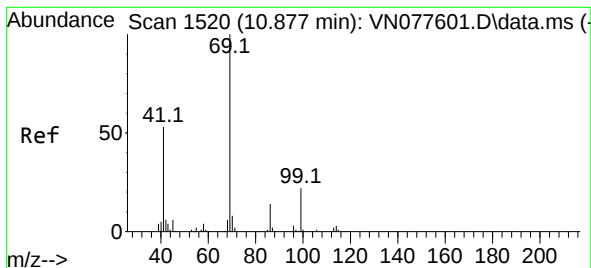


#50
 1,1,2-Trichloroethane
 Concen: 17.719 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

Tgt Ion: 97 Resp: 145385

Ion	Ratio	Lower	Upper
97	100		
83	83.0	72.6	108.8
85	53.1	42.6	63.8
99	67.7	53.6	80.4





#51

Ethyl methacrylate

Concen: 17.432 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050523

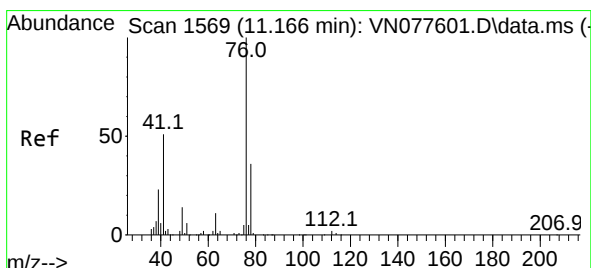
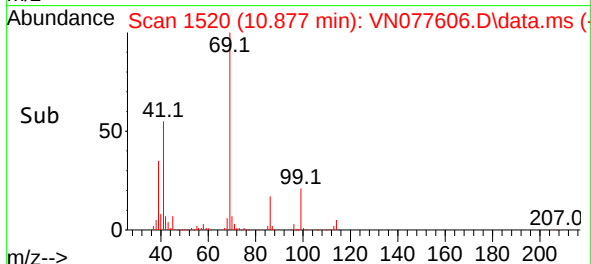
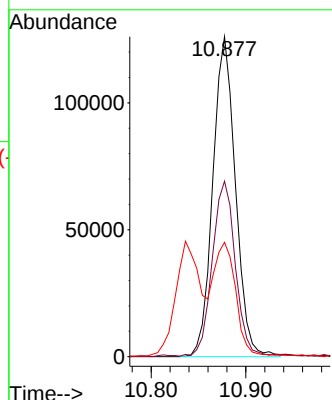
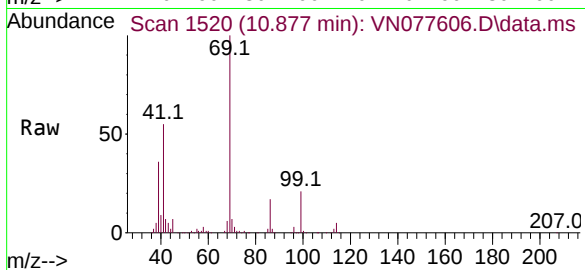
Tgt Ion: 69 Resp: 209451

Ion Ratio Lower Upper

69 100

41 54.7 26.3 78.9

39 35.2 18.1 54.1



#52

1,3-Dichloropropane

Concen: 17.751 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077606.D

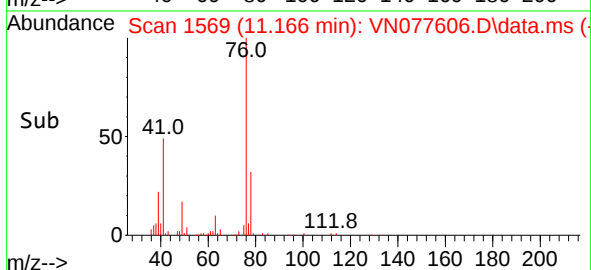
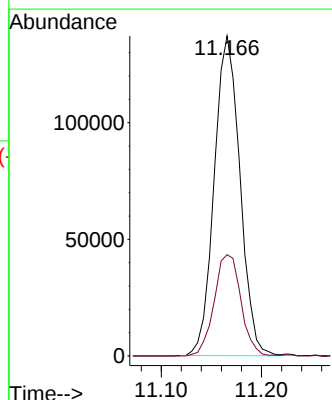
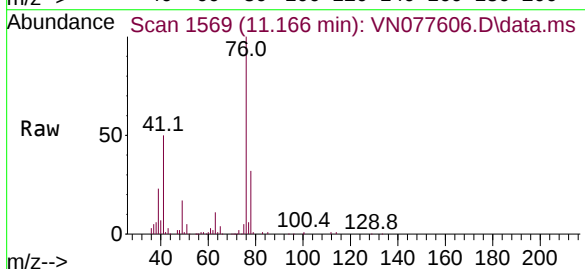
Acq: 05 May 2023 21:43

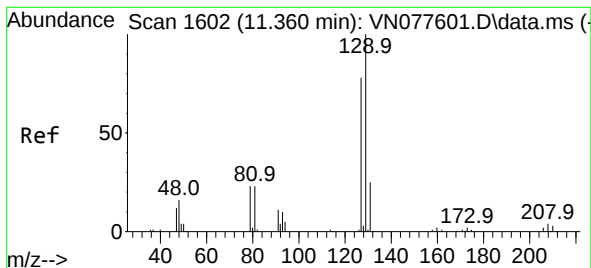
Tgt Ion: 76 Resp: 244704

Ion Ratio Lower Upper

76 100

78 32.9 0.0 66.4





#53

Dibromochloromethane

Concen: 17.614 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

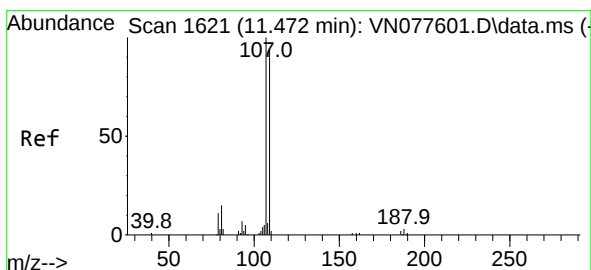
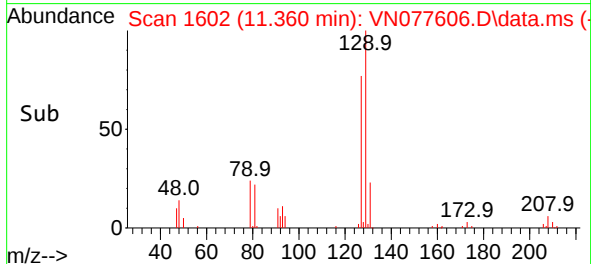
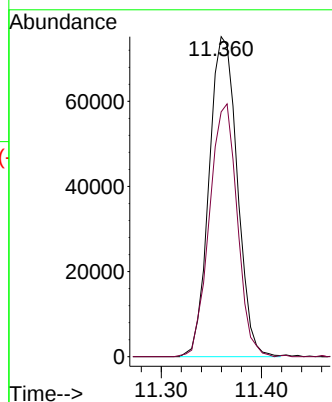
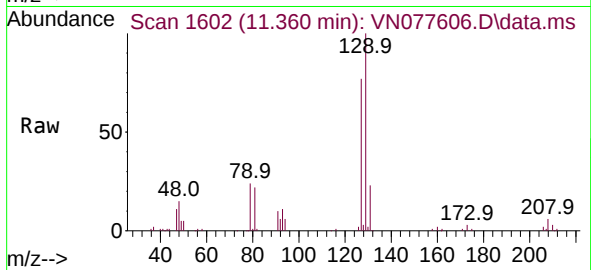
ICVVN050523

Tgt Ion:129 Resp: 147093

Ion Ratio Lower Upper

129 100

127 77.7 39.4 118.1



#54

1,2-Dibromoethane

Concen: 17.864 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077606.D

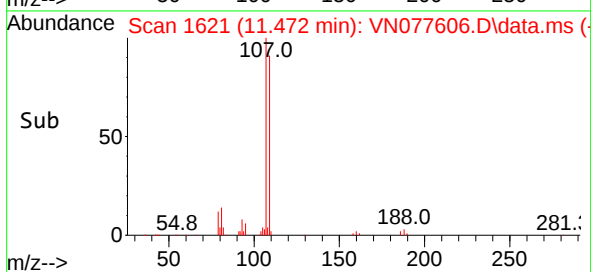
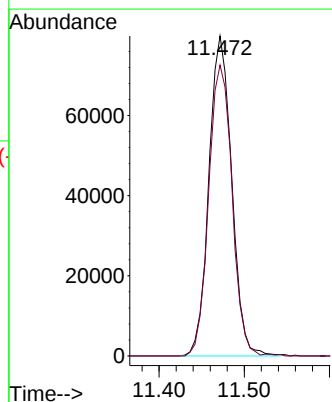
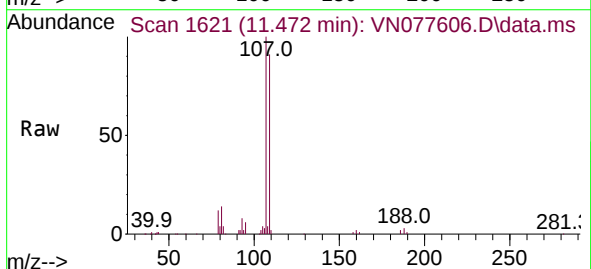
Acq: 05 May 2023 21:43

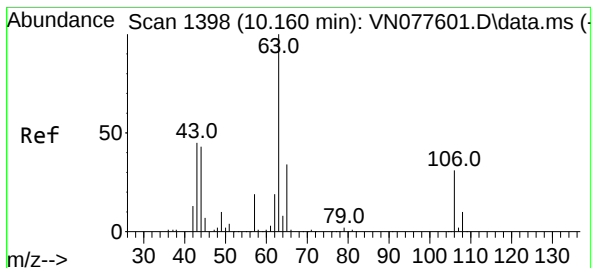
Tgt Ion:107 Resp: 148421

Ion Ratio Lower Upper

107 100

109 92.6 77.4 116.2

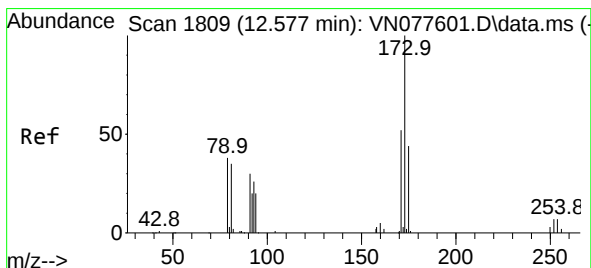
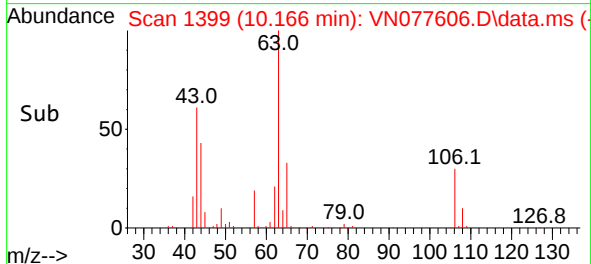
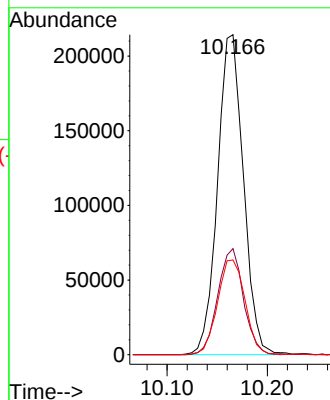
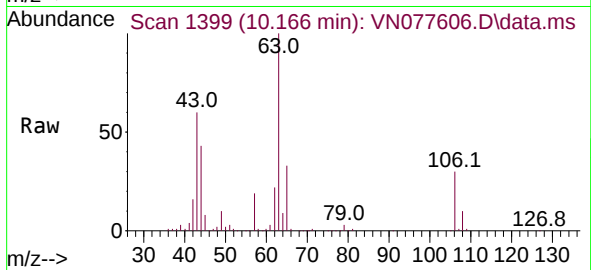




#55
2-Chloroethyl vinyl ether
Concen: 96.299 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

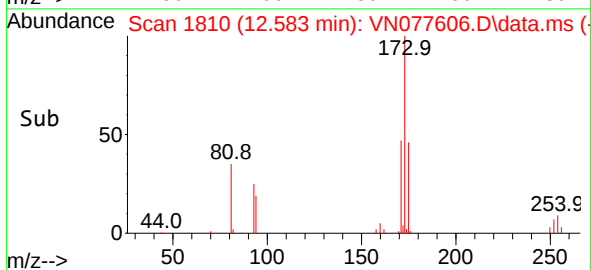
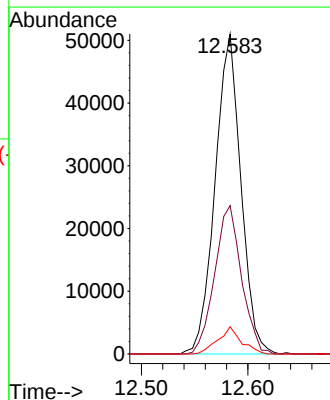
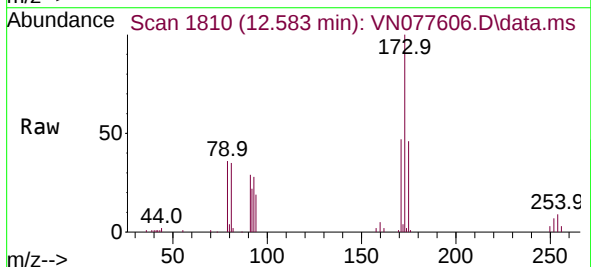
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

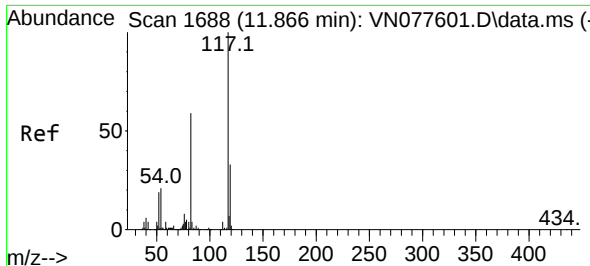
Tgt Ion: 63 Resp: 384163
Ion Ratio Lower Upper
63 100
65 32.8 26.8 40.2
106 31.5 25.6 38.4



#56
Bromoform
Concen: 17.045 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 173 Resp: 85725
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 7.7 5.8 8.6

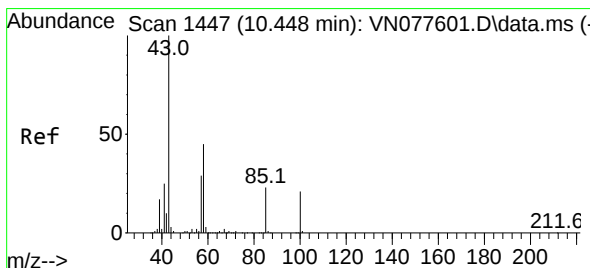
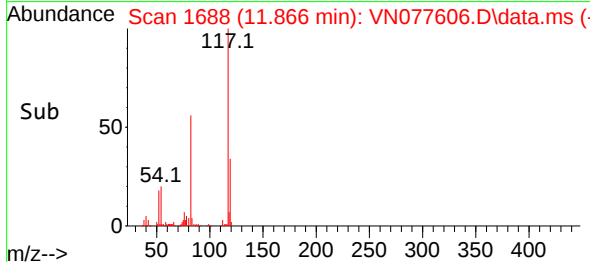
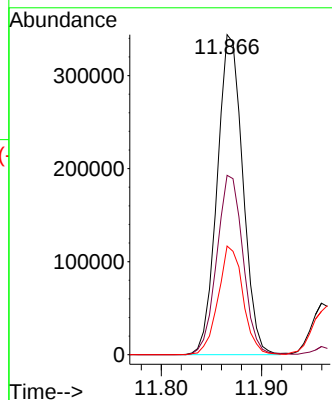
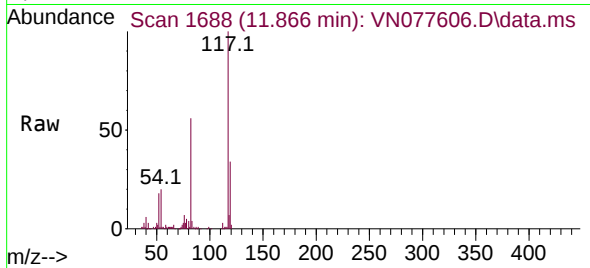




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

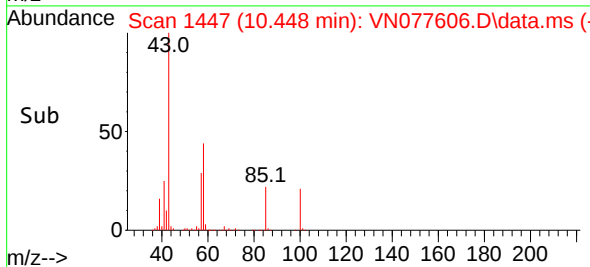
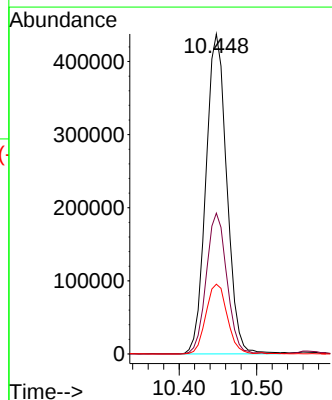
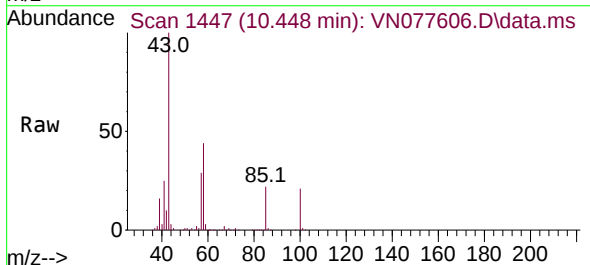
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

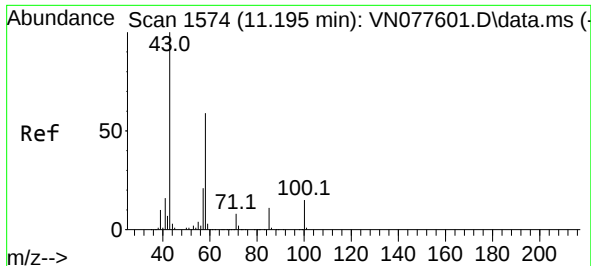
Tgt Ion:117 Resp: 611171
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 33.0 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 95.902 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 43 Resp: 817762
Ion Ratio Lower Upper
43 100
58 43.4 35.4 53.2
85 22.3 18.2 27.2

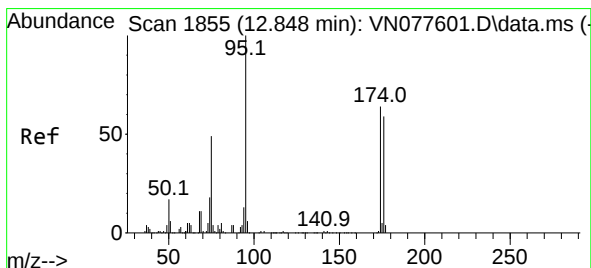
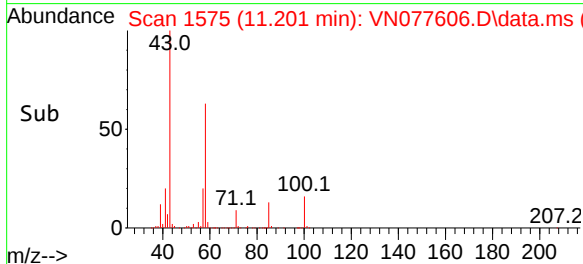
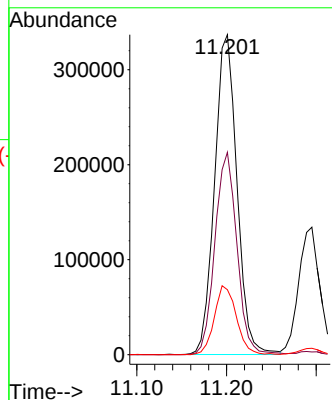
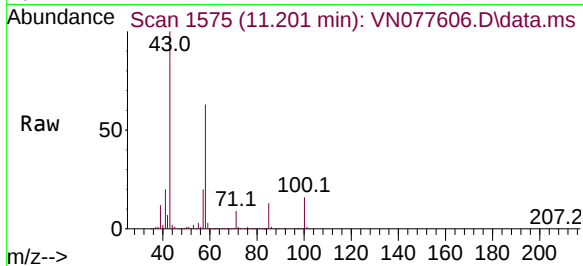




#59
2-Hexanone
Concen: 94.775 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

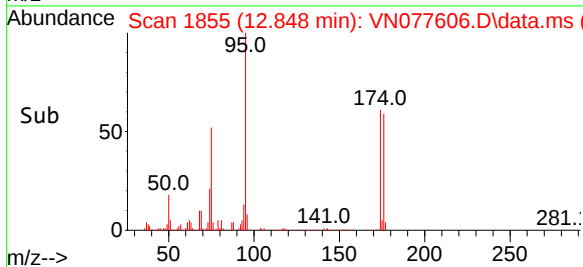
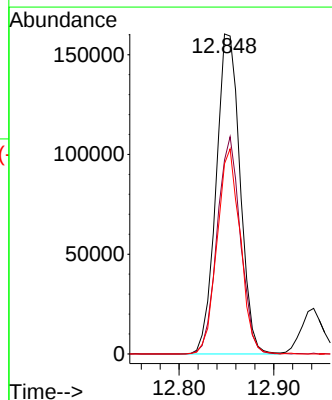
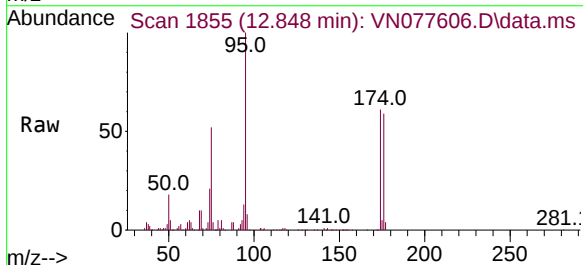
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

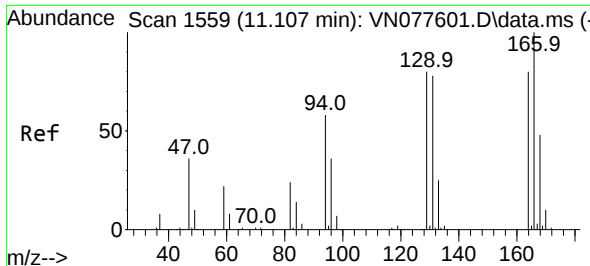
Tgt Ion: 43 Resp: 583374
Ion Ratio Lower Upper
43 100
58 62.2 48.2 72.2
57 21.2 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 29.033 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

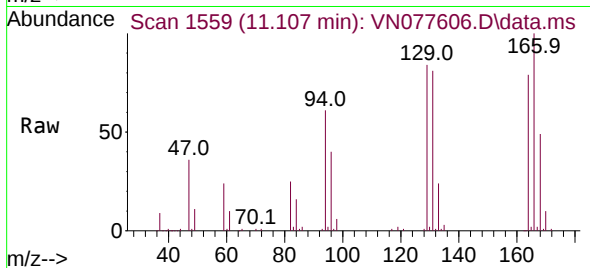
Tgt Ion: 95 Resp: 281602
Ion Ratio Lower Upper
95 100
174 66.0 53.4 80.0
176 62.0 50.0 75.0



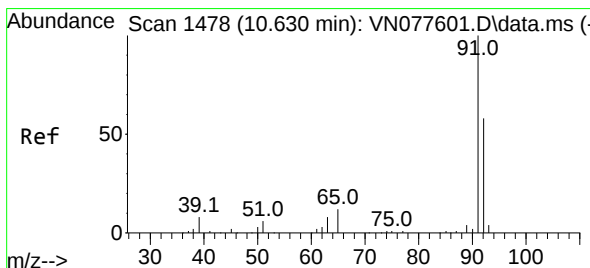
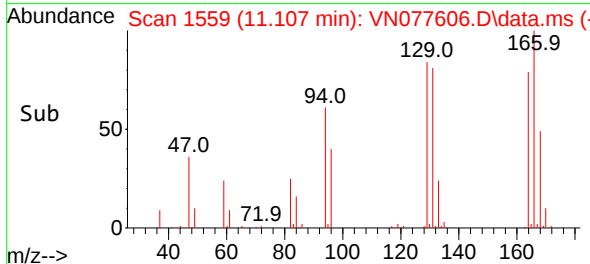
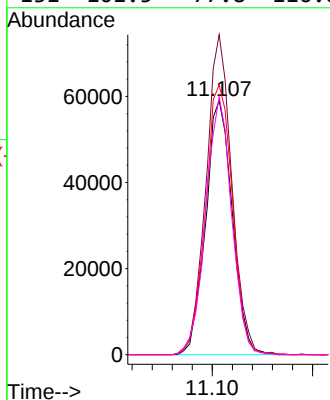


#61
Tetrachloroethene
Concen: 19.324 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

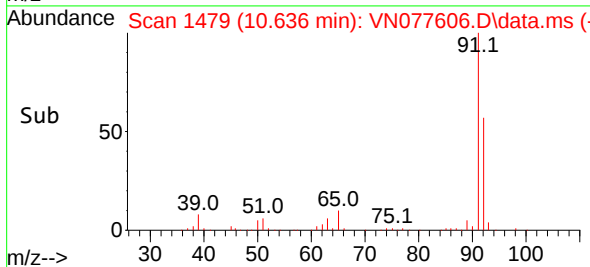
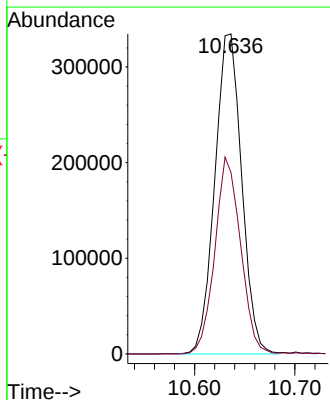
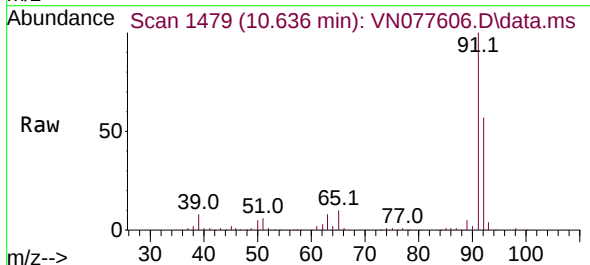


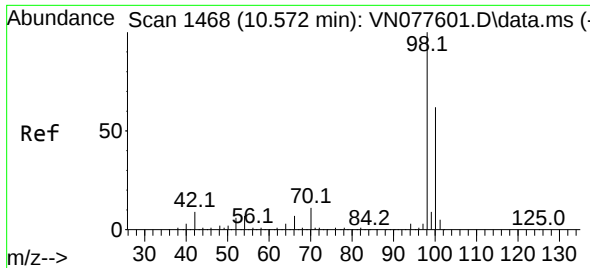
Tgt Ion:164 Resp: 109166
Ion Ratio Lower Upper
164 100
166 126.0 100.5 150.7
129 105.8 80.6 120.8
131 101.5 77.8 116.8



#62
Toluene
Concen: 18.119 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 91 Resp: 622661
Ion Ratio Lower Upper
91 100
92 58.7 47.0 70.6

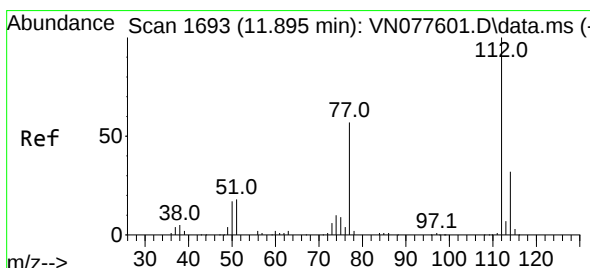
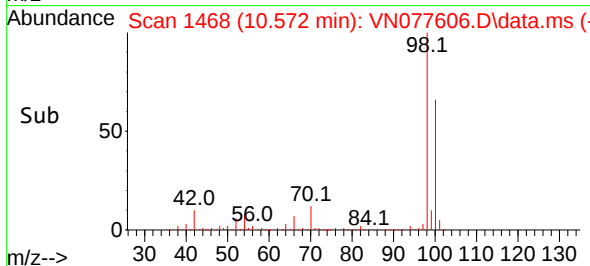
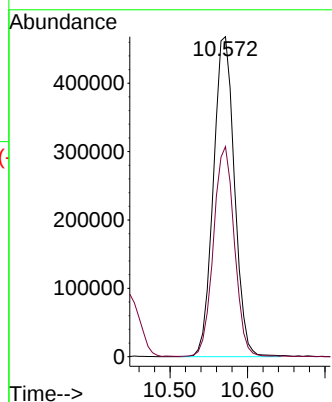
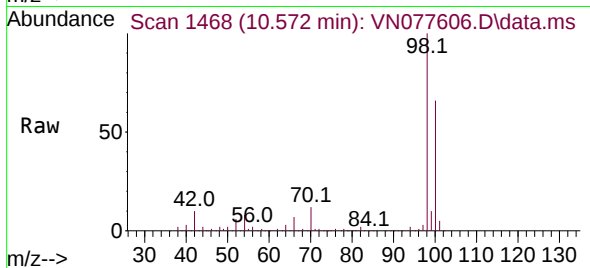




#63
Toluene-d8
Concen: 30.710 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

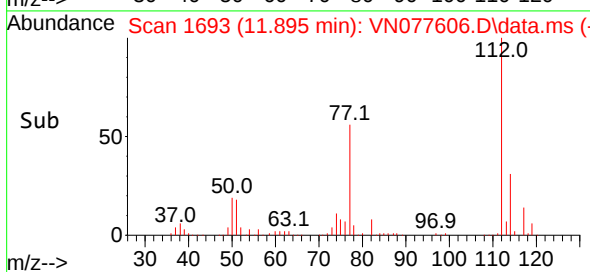
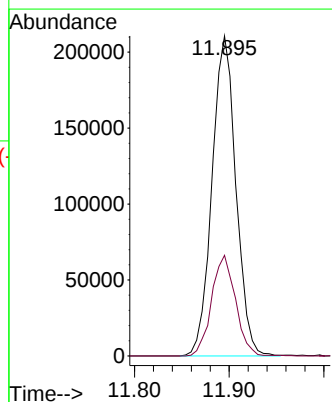
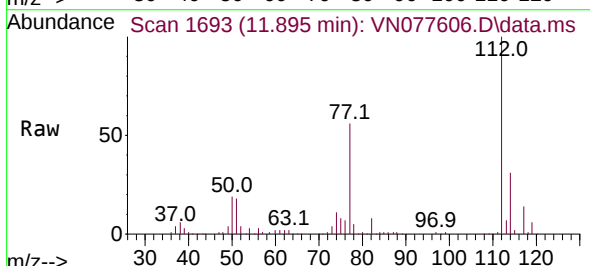
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

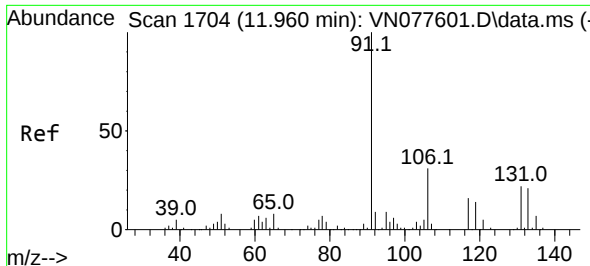
Tgt Ion: 98 Resp: 884720
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#64
Chlorobenzene
Concen: 18.134 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 112 Resp: 369495
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

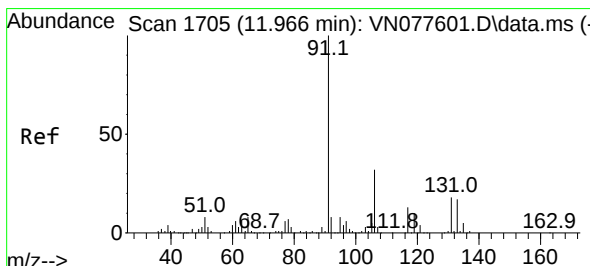
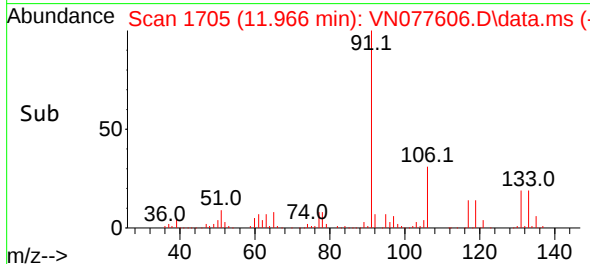
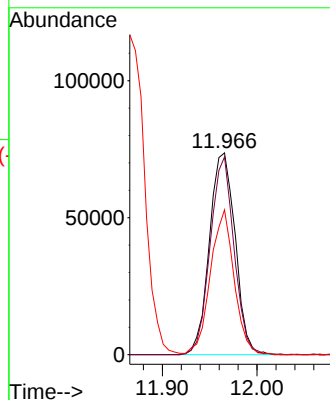
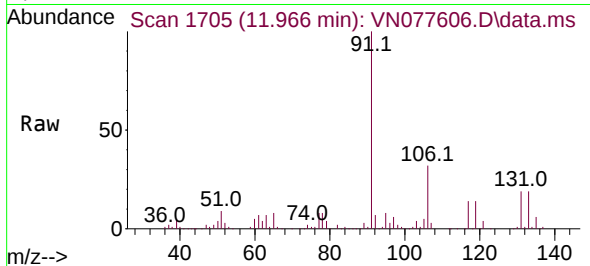




#65
1,1,1,2-Tetrachloroethane
Concen: 18.729 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

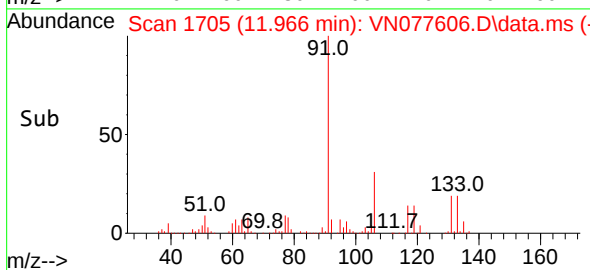
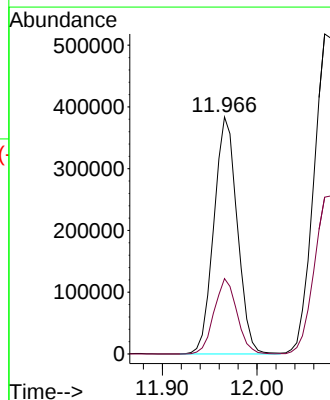
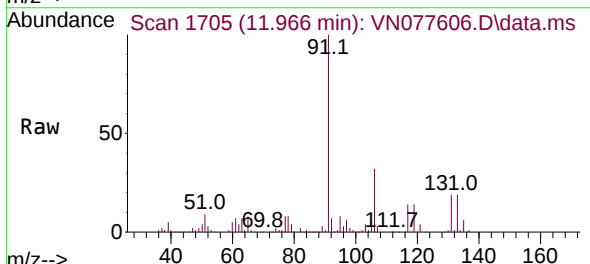
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

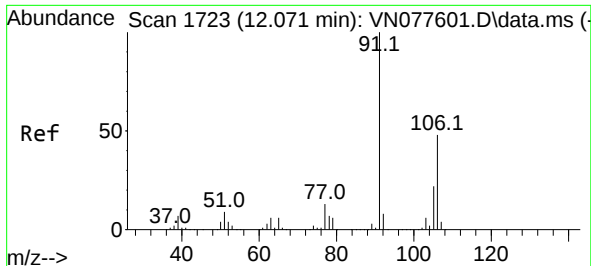
Tgt Ion:131 Resp: 139401
Ion Ratio Lower Upper
131 100
133 90.7 0.0 181.2
119 66.0 0.0 125.0



#66
Ethyl Benzene
Concen: 17.723 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 91 Resp: 658678
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5





#67

m/p-Xylenes

Concen: 35.694 ug/l

RT: 12.077 min Scan# 1723

Delta R.T. 0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

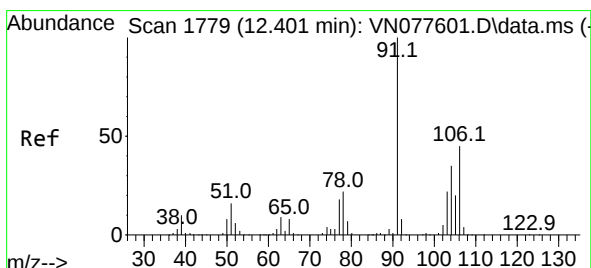
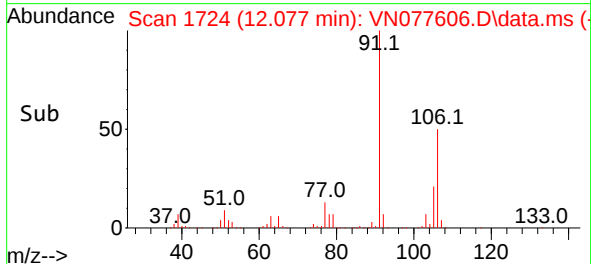
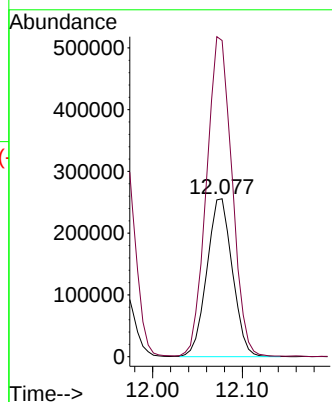
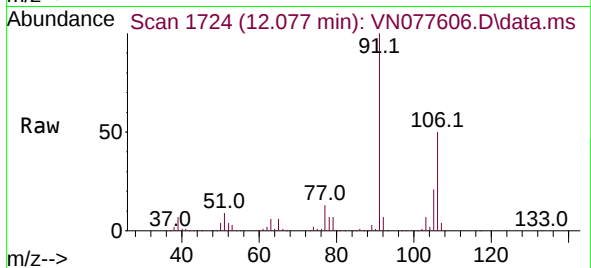
ICV050523

Tgt Ion:106 Resp: 505815

Ion Ratio Lower Upper

106 100

91 202.7 162.6 244.0



#68

o-Xylene

Concen: 17.554 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077606.D

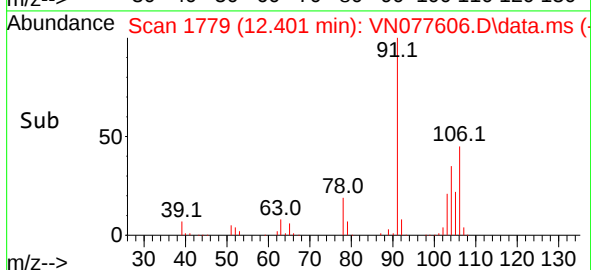
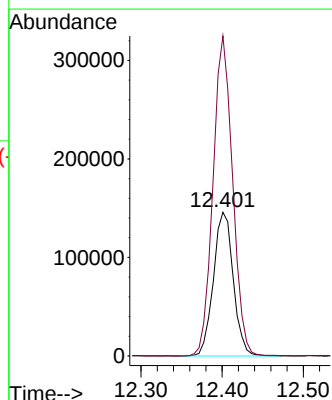
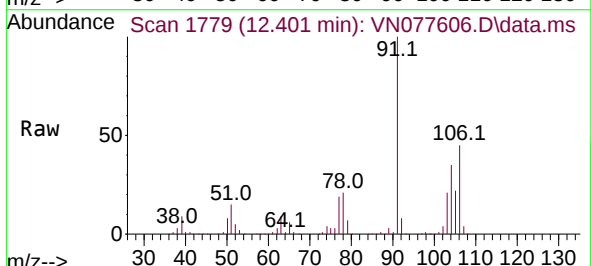
Acq: 05 May 2023 21:43

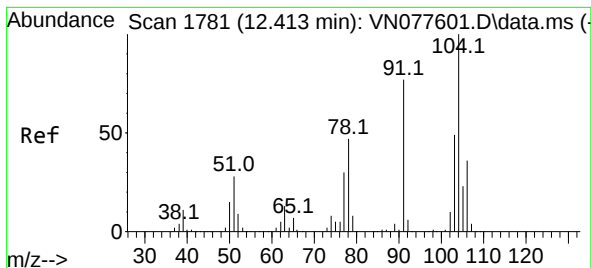
Tgt Ion:106 Resp: 247562

Ion Ratio Lower Upper

106 100

91 220.1 109.5 328.4





#69

Styrene

Concen: 17.290 ug/l

RT: 12.419 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050523

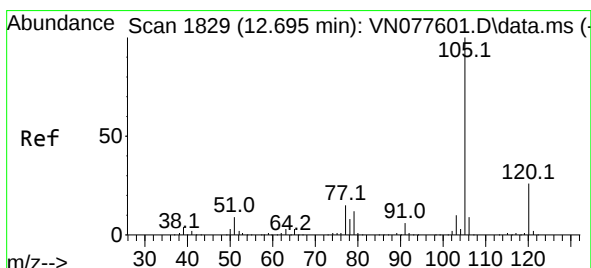
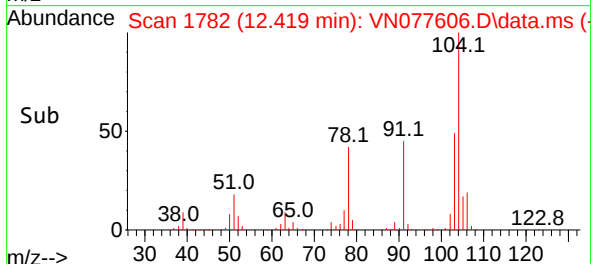
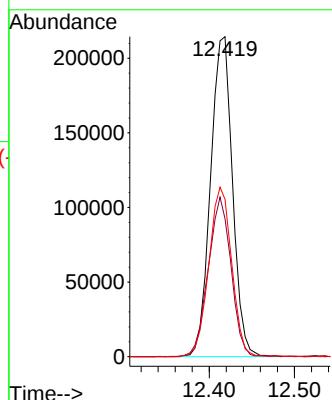
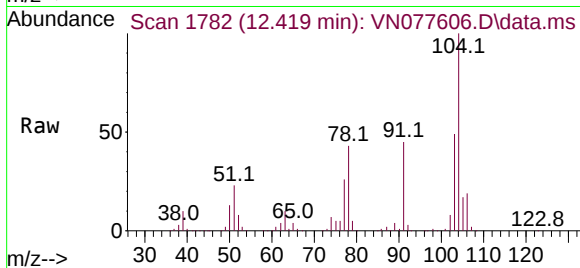
Tgt Ion:104 Resp: 383907

Ion Ratio Lower Upper

104 100

78 51.5 41.3 61.9

103 55.0 44.0 66.0



#70

Isopropylbenzene

Concen: 17.339 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077606.D

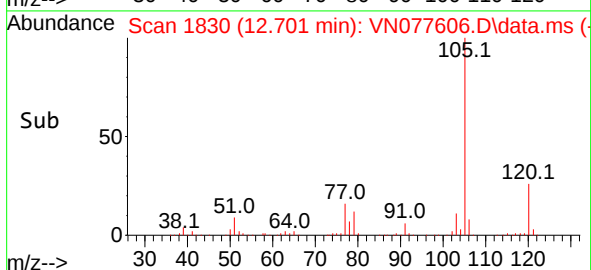
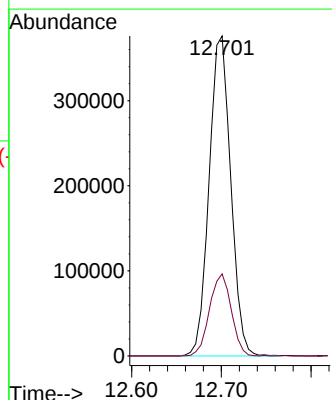
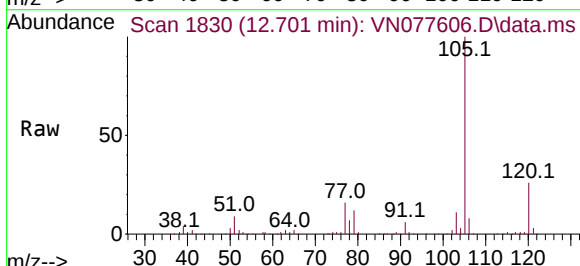
Acq: 05 May 2023 21:43

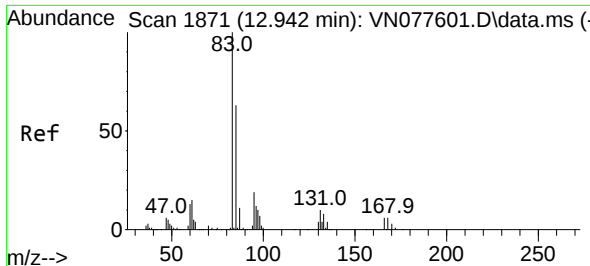
Tgt Ion:105 Resp: 629540

Ion Ratio Lower Upper

105 100

120 25.7 18.5 34.3

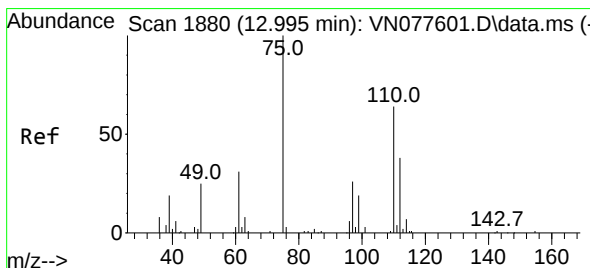
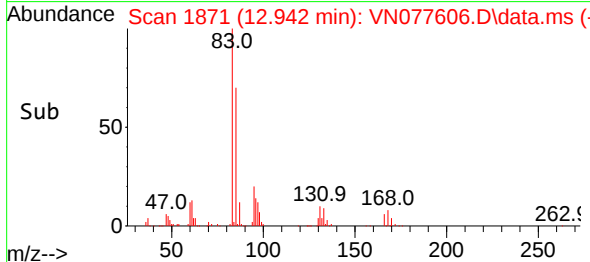
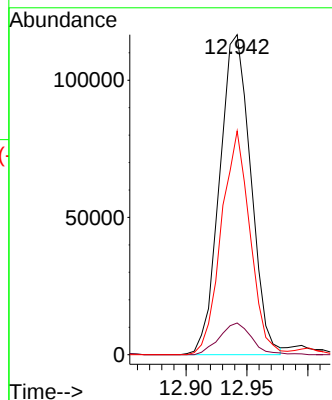
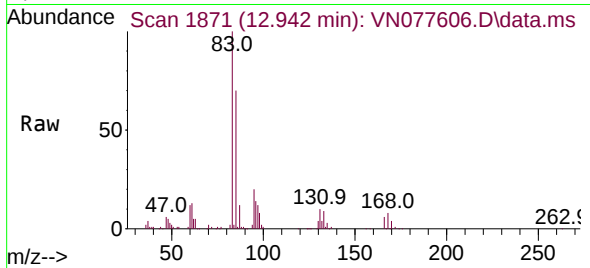




#71
1,1,2-Tetrachloroethane
Concen: 18.365 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

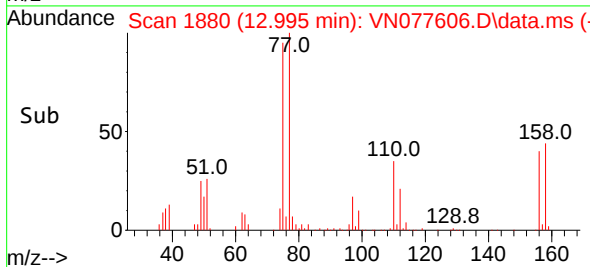
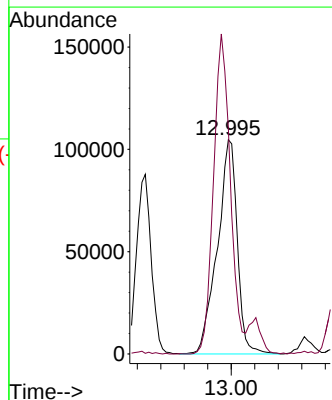
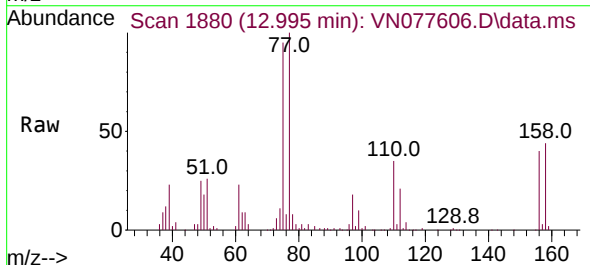
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

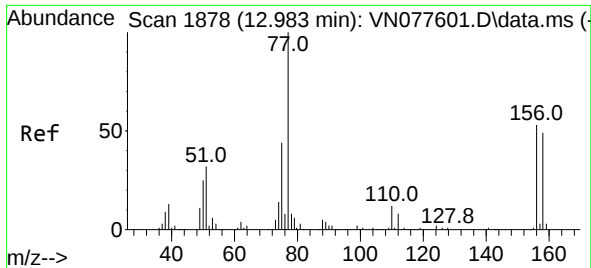
Tgt Ion: 83 Resp: 207361
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 64.5 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 25.303 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 75 Resp: 245936
Ion Ratio Lower Upper
75 100
77 127.0 0.0 354.6

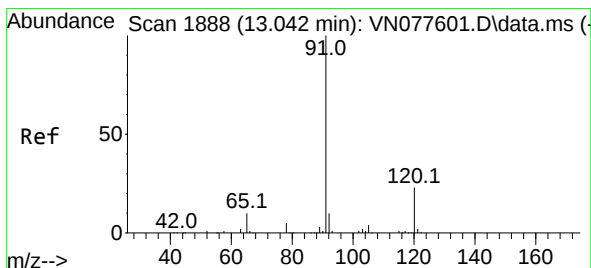
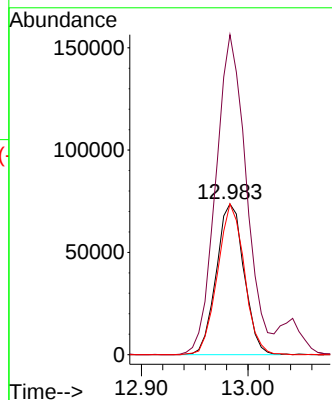
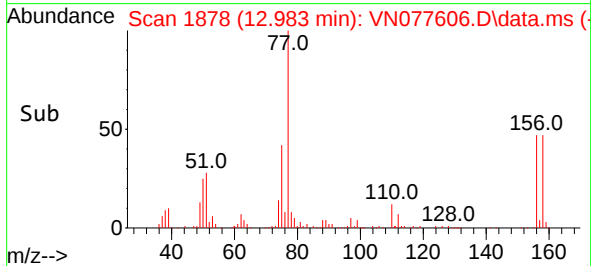
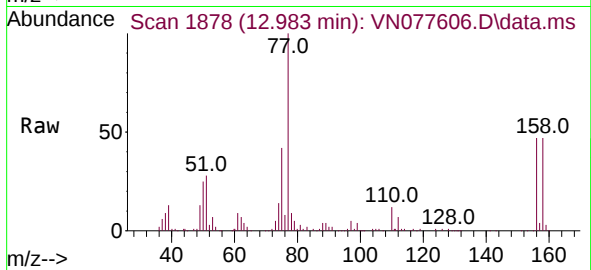




#73
Bromobenzene
Concen: 17.749 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

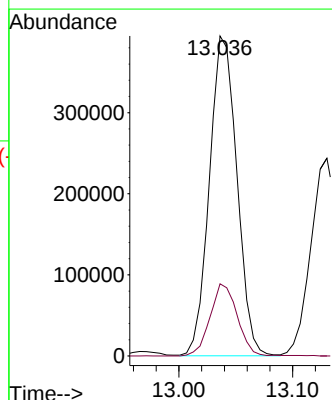
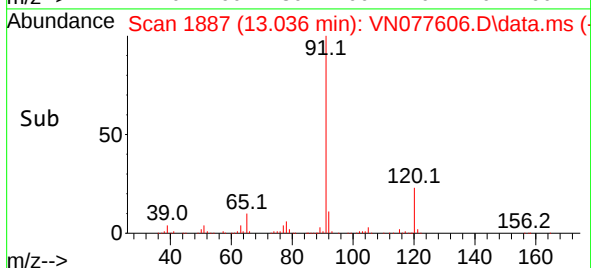
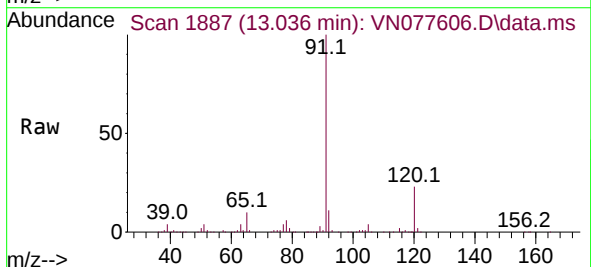
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

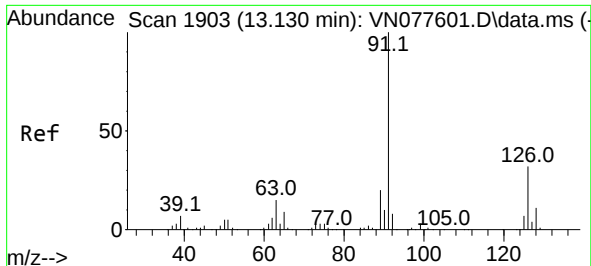
Tgt Ion:156 Resp: 133020
Ion Ratio Lower Upper
156 100
77 234.8 0.0 466.4
158 96.4 0.0 196.2



#74
n-propylbenzene
Concen: 16.493 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 91 Resp: 664552
Ion Ratio Lower Upper
91 100
120 22.1 0.0 45.6

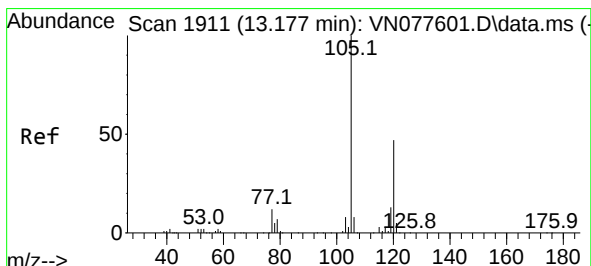
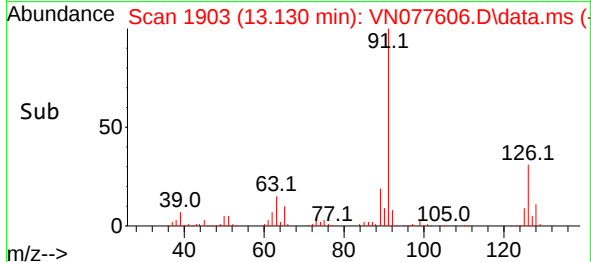
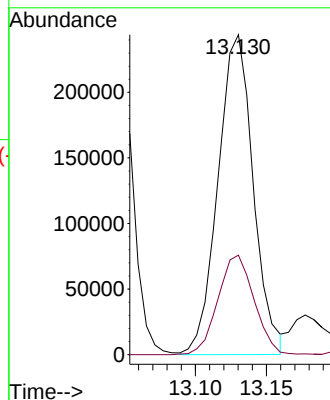
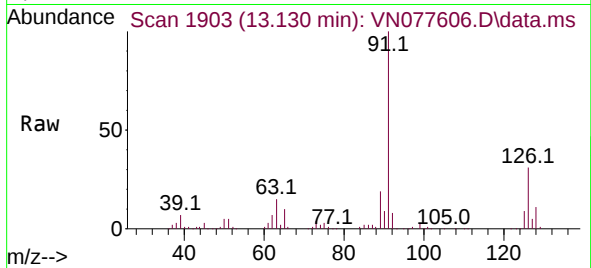




#75
2-Chlorotoluene
Concen: 16.786 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

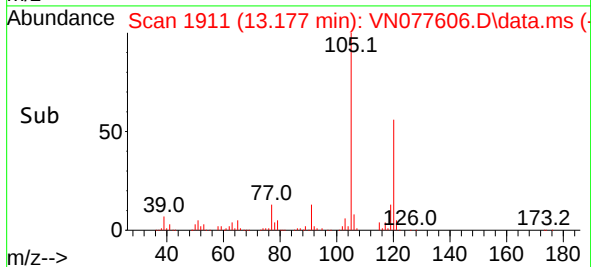
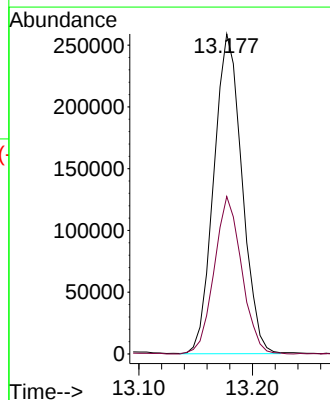
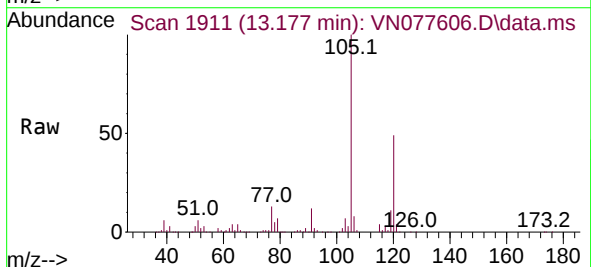
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

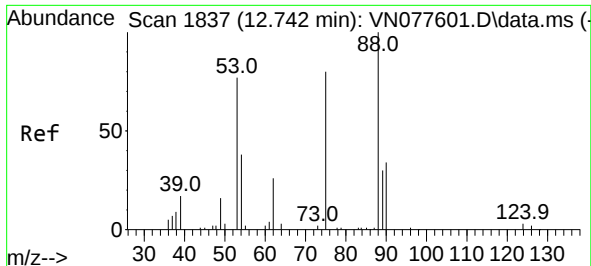
Tgt Ion: 91 Resp: 421024
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 15.884 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 105 Resp: 446526
Ion Ratio Lower Upper
105 100
120 48.0 0.0 95.2

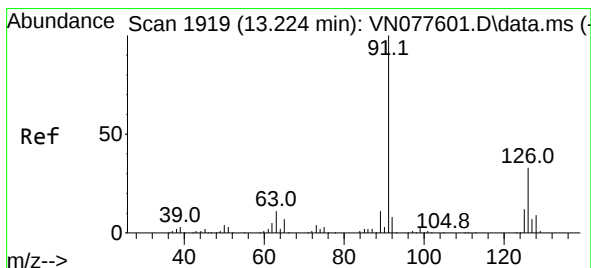
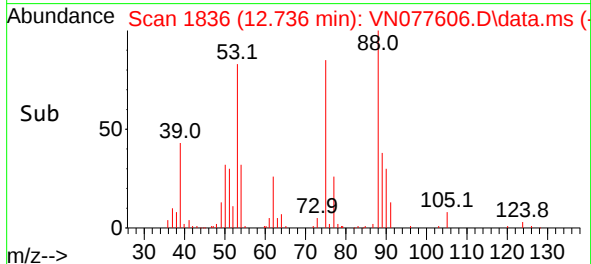
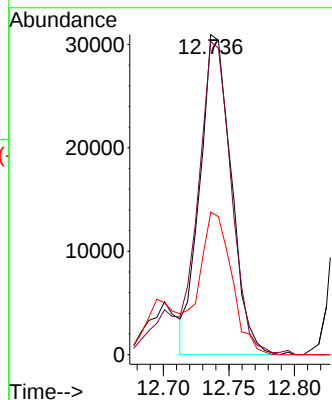
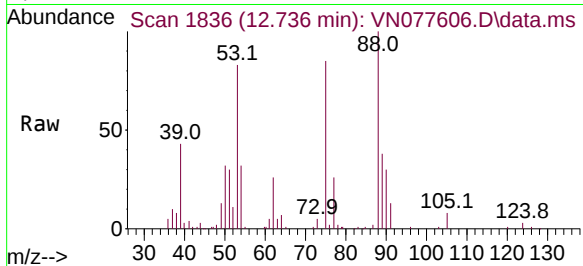




#77
t-1,4-Dichloro-2-butene
Concen: 17.477 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

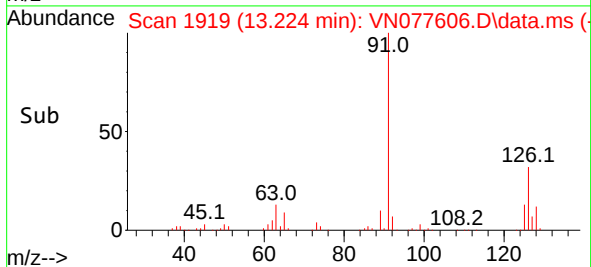
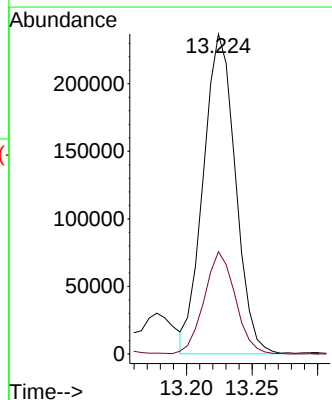
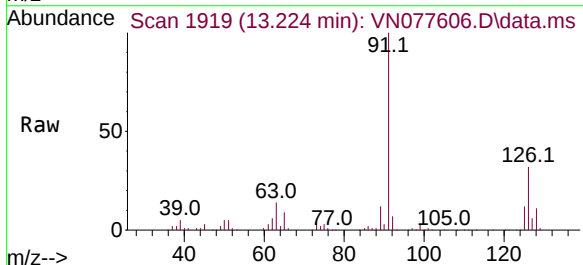
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

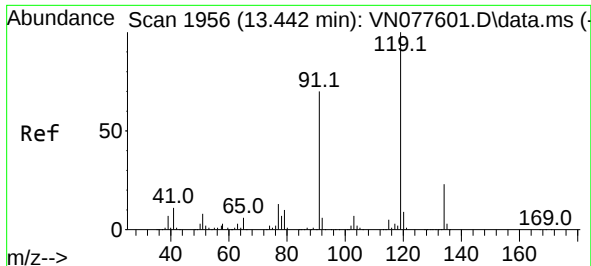
Tgt Ion: 75 Resp: 51491
Ion Ratio Lower Upper
75 100
53 97.1 46.9 140.7
89 44.5 21.0 63.0



#78
4-Chlorotoluene
Concen: 17.029 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 91 Resp: 403922
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.6

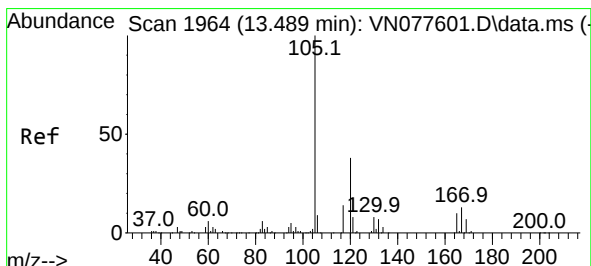
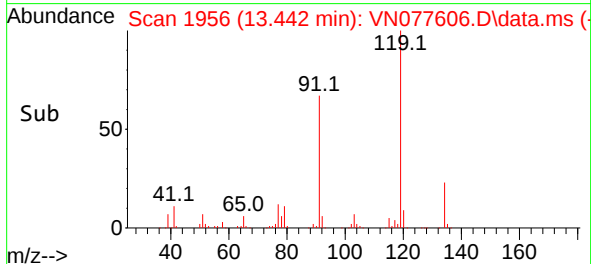
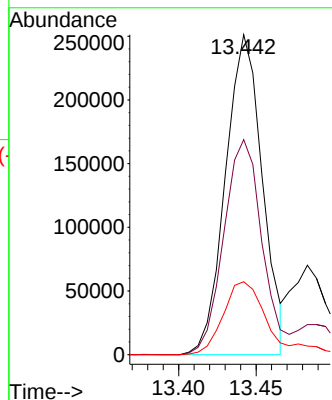
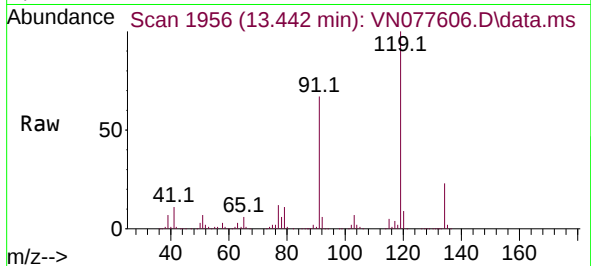




#79
tert-butylbenzene
Concen: 16.091 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

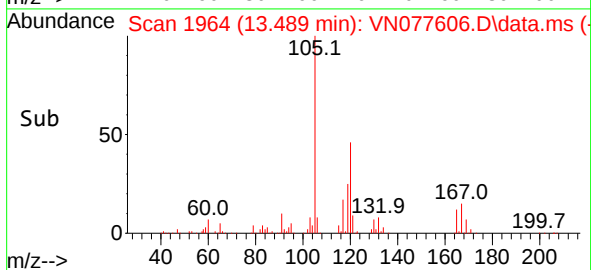
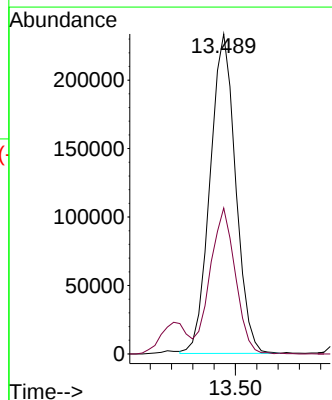
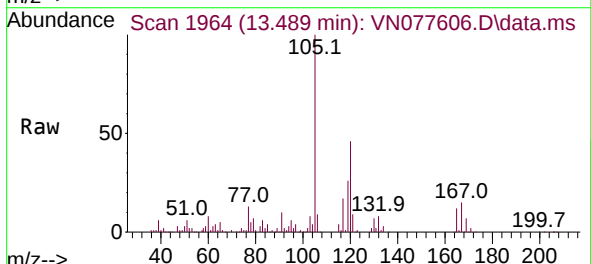
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

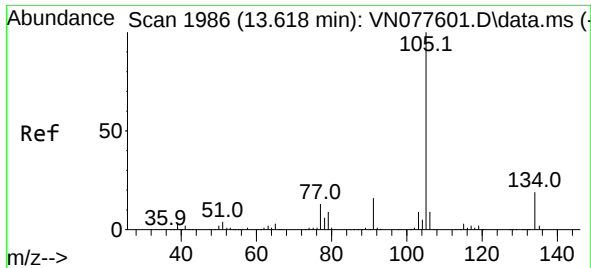
Tgt Ion:119 Resp: 416409
Ion Ratio Lower Upper
119 100
91 69.9 0.0 141.6
134 25.2 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 14.834 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion:105 Resp: 388223
Ion Ratio Lower Upper
105 100
120 44.8 0.0 88.0

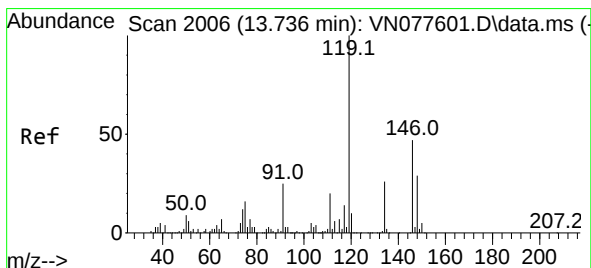
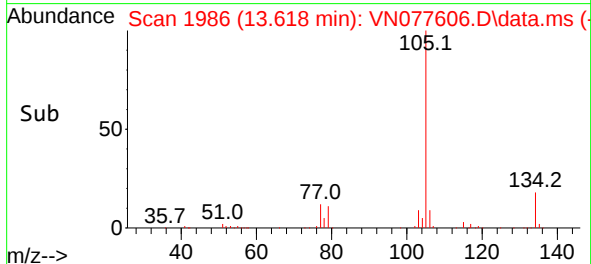
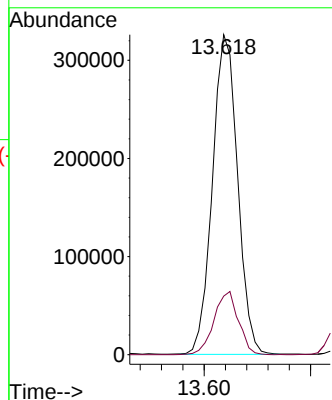
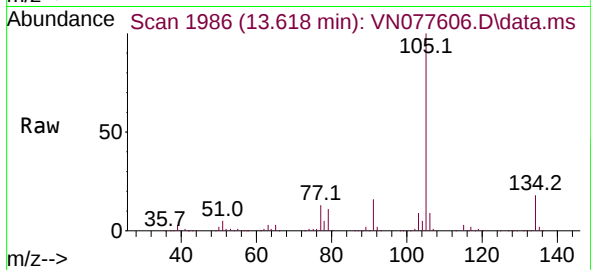




#81
 sec-Butylbenzene
 Concen: 14.884 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

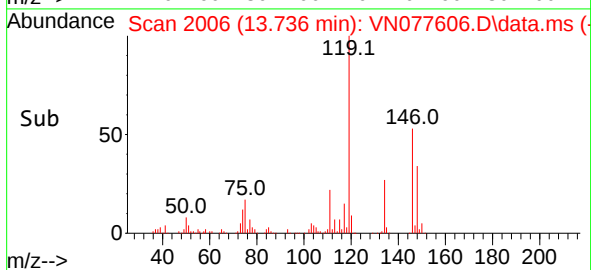
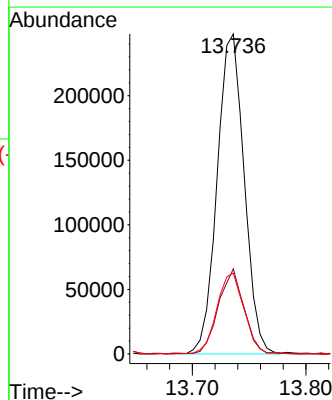
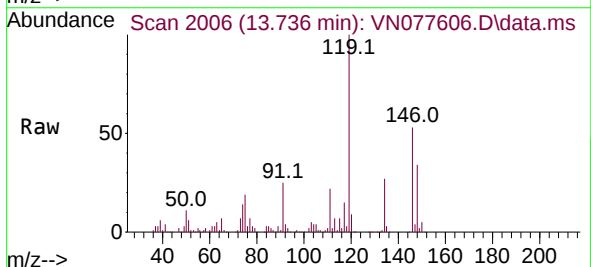
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 ICVVN050523

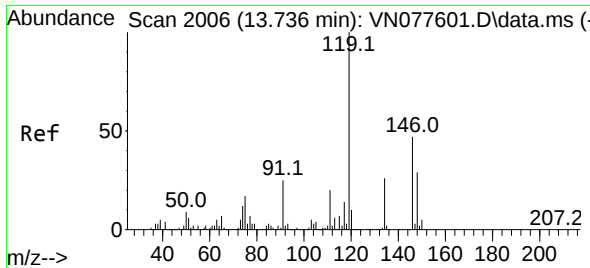
Tgt Ion:105 Resp: 534661
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 14.839 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077606.D
 Acq: 05 May 2023 21:43

Tgt Ion:119 Resp: 409749
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.2
 91 25.1 0.0 51.2

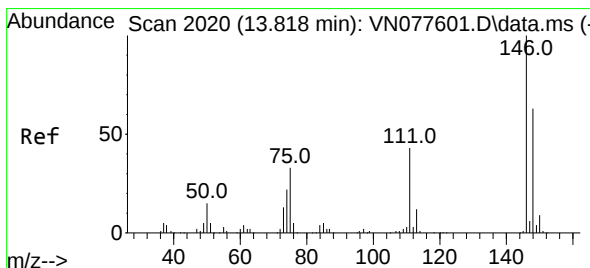
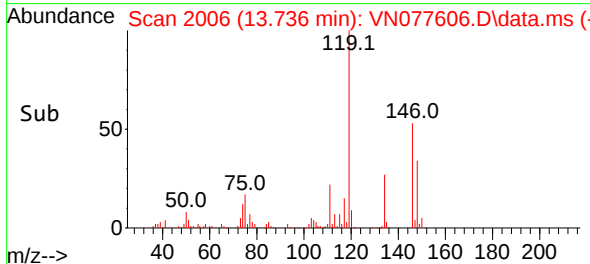
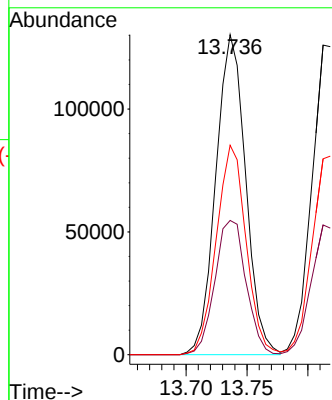
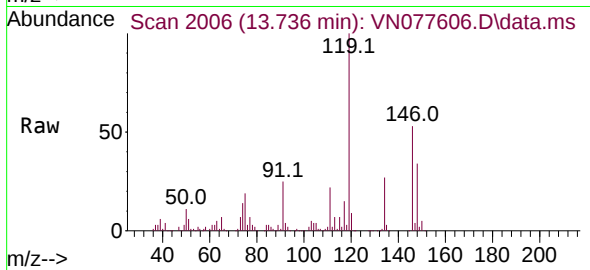




#83
1,3-Dichlorobenzene
Concen: 16.586 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

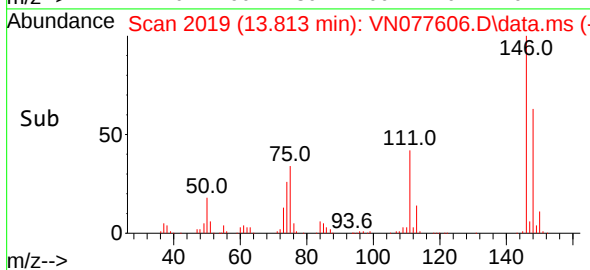
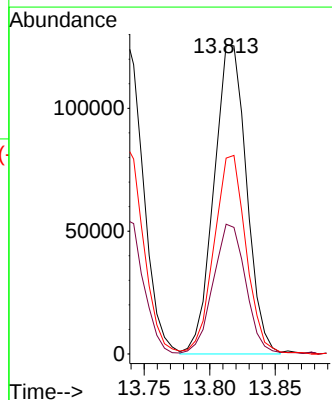
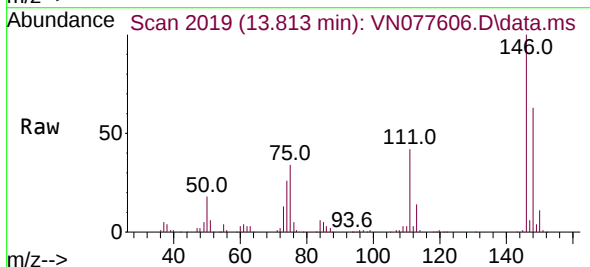
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

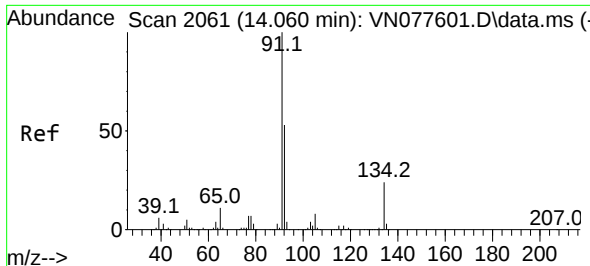
Tgt Ion:146 Resp: 222105
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 65.4 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 16.510 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.005 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion:146 Resp: 217497
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.4
148 63.1 31.1 93.5

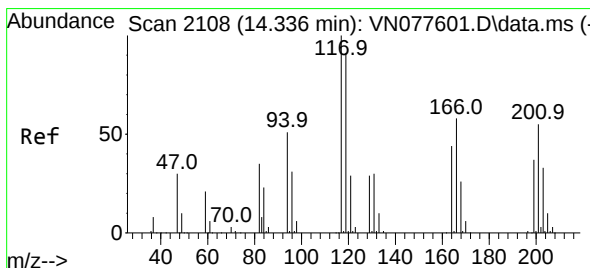
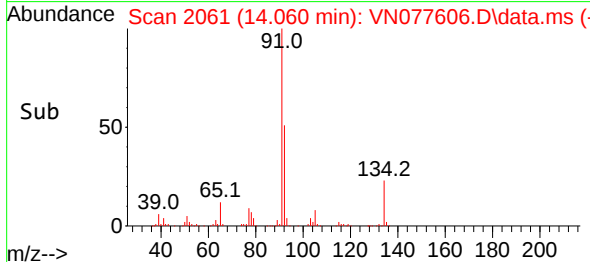
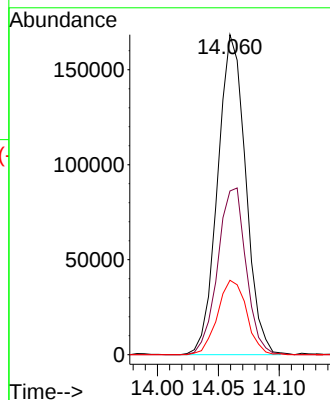
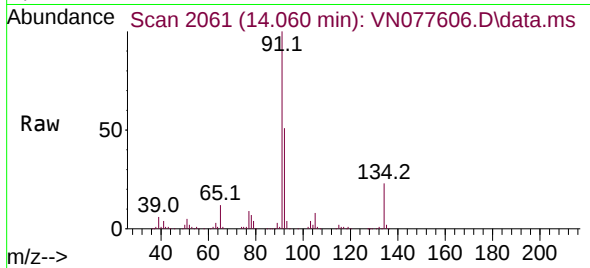




#85
n-Butylbenzene
Concen: 12.423 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

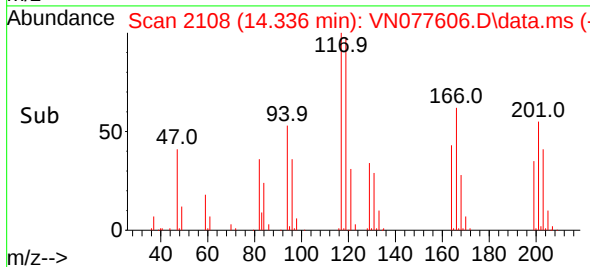
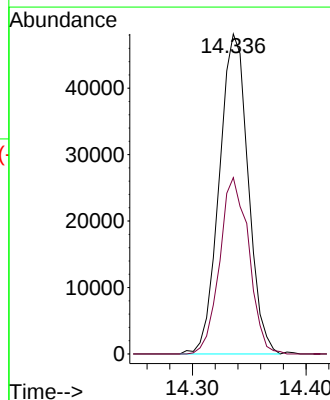
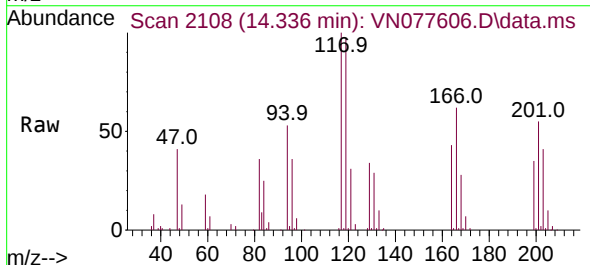
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050523

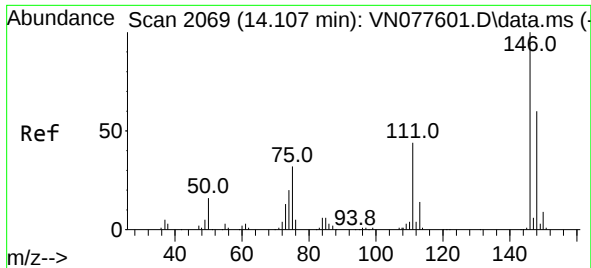
Tgt Ion: 91 Resp: 269625
Ion Ratio Lower Upper
91 100
92 52.8 0.0 107.0
134 24.1 0.0 50.2



#86
Hexachloroethane
Concen: 15.737 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077606.D
Acq: 05 May 2023 21:43

Tgt Ion: 117 Resp: 84945
Ion Ratio Lower Upper
117 100
201 55.5 28.1 84.4





#87

1,2-Dichlorobenzene

Concen: 16.325 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050523

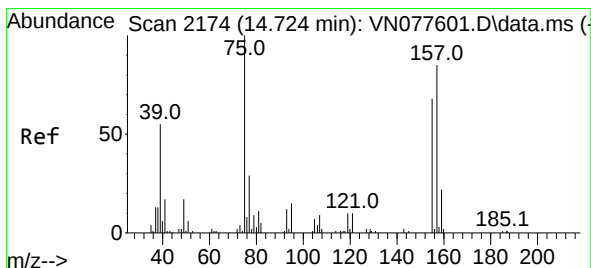
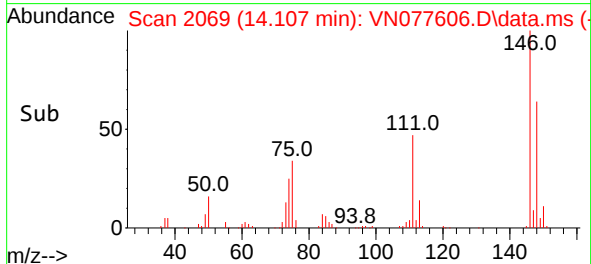
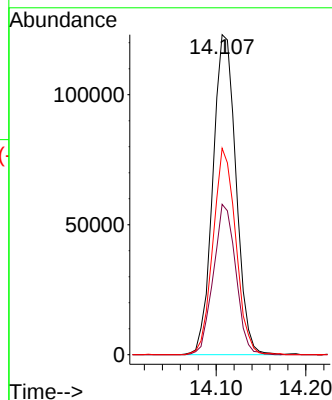
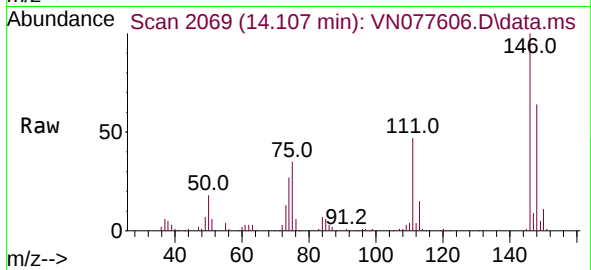
Tgt Ion:146 Resp: 220883

Ion Ratio Lower Upper

146 100

111 45.4 22.7 68.0

148 63.1 31.0 93.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.285 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

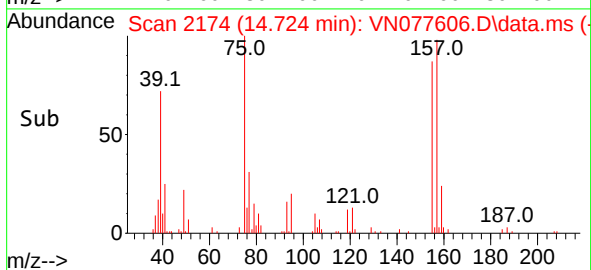
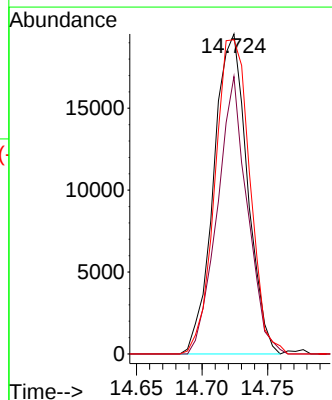
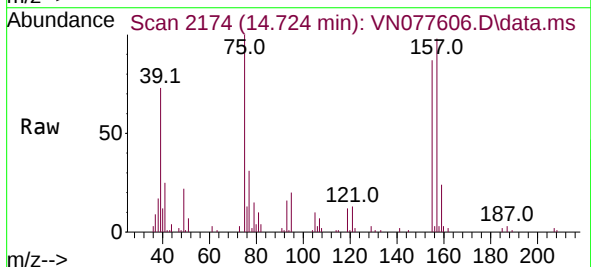
Tgt Ion: 75 Resp: 34866

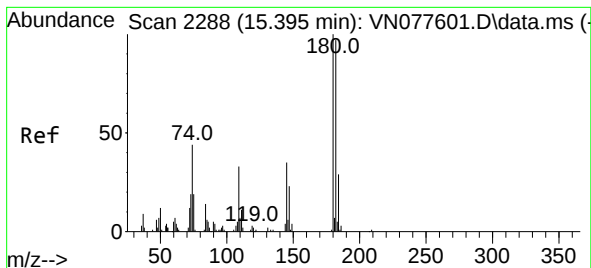
Ion Ratio Lower Upper

75 100

155 77.4 63.1 94.7

157 101.6 75.5 113.3





#89

1,2,4-Trichlorobenzene

Concen: 14.180 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050523

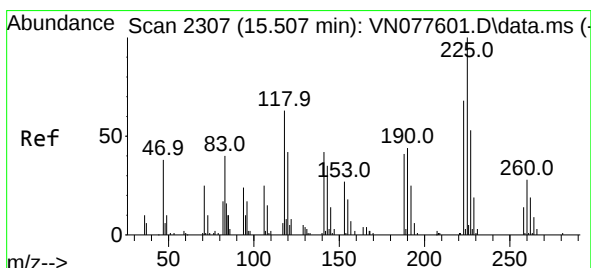
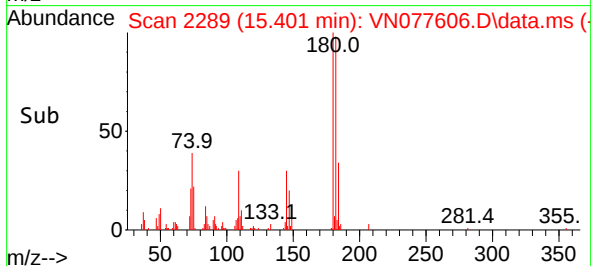
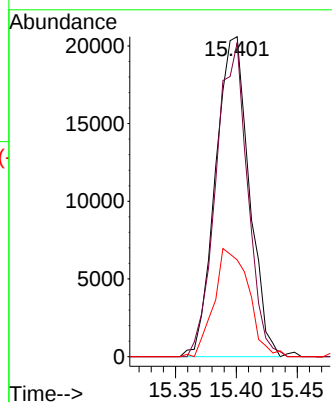
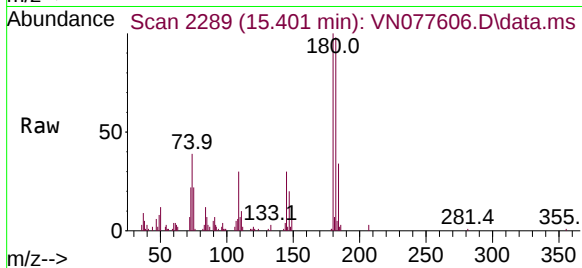
Tgt Ion:180 Resp: 39675

Ion Ratio Lower Upper

180 100

182 92.2 75.1 112.7

145 34.5 28.6 43.0



#90

Hexachlorobutadiene

Concen: 10.354 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

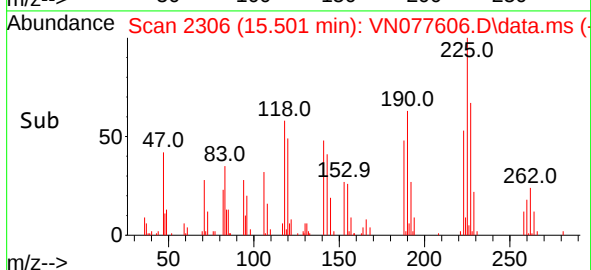
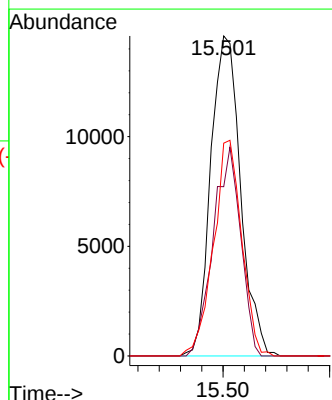
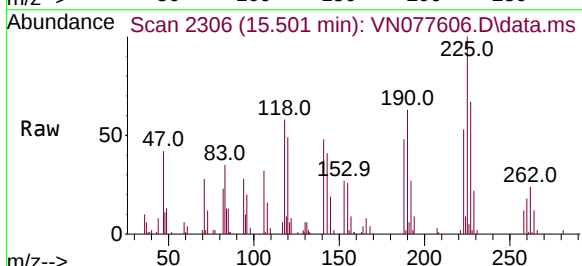
Tgt Ion:225 Resp: 28350

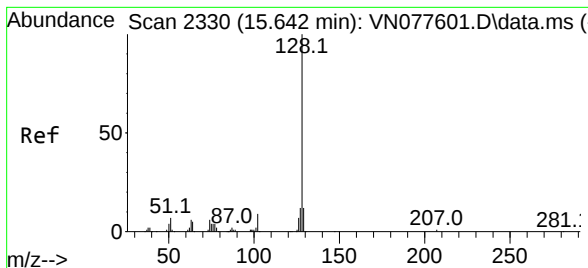
Ion Ratio Lower Upper

225 100

223 60.2 0.0 132.2

227 63.6 0.0 116.2





#91

Naphthalene

Concen: 14.235 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050523

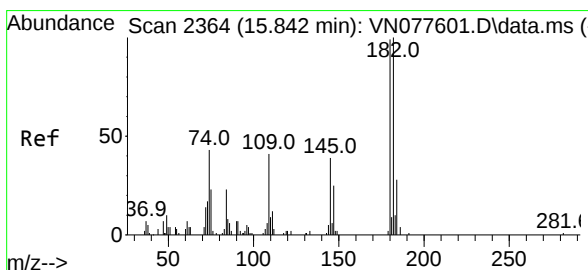
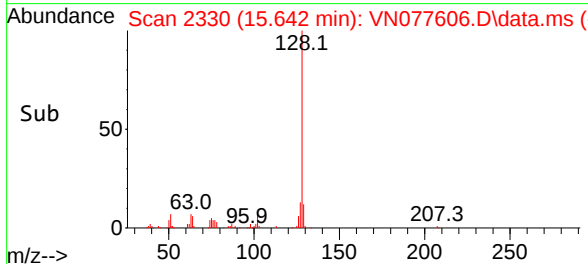
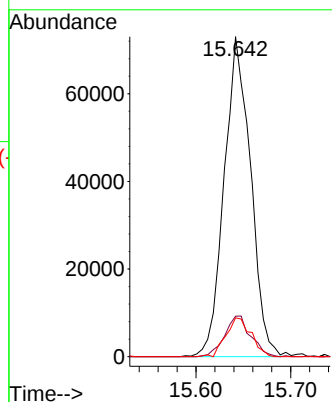
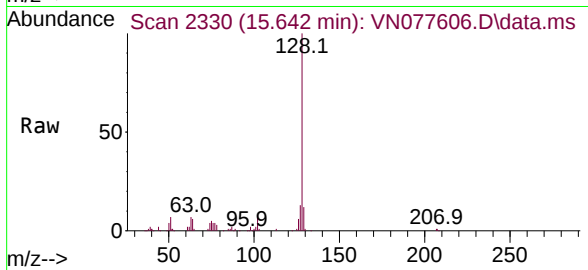
Tgt Ion:128 Resp: 141456

Ion Ratio Lower Upper

128 100

127 12.6 9.6 14.4

129 11.4 9.1 13.7



#92

1,2,3-Trichlorobenzene

Concen: 14.144 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077606.D

Acq: 05 May 2023 21:43

Tgt Ion:180 Resp: 36562

Ion Ratio Lower Upper

180 100

182 96.3 0.0 193.4

145 37.2 0.0 78.6

