

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078188.D
 Acq On : 13 Jun 2023 16:05
 Operator : JC\MD
 Sample : VN0613WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS02

Quant Time: Jun 14 02:20:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	471206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	836531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	722287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	271159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	315508	50.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.440%	
35) Dibromofluoromethane	8.177	113	261820	49.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.000%	
50) Toluene-d8	10.571	98	1003116	49.195	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.853	95	308603	48.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	86585	16.256	ug/l	96
3) Chloromethane	2.371	50	93298	17.430	ug/l	97
4) Vinyl Chloride	2.518	62	126003	18.065	ug/l	97
5) Bromomethane	2.959	94	92740	17.594	ug/l	97
6) Chloroethane	3.130	64	83551	17.572	ug/l	95
7) Trichlorofluoromethane	3.500	101	165973	17.548	ug/l	99
8) Diethyl Ether	3.965	74	58798	17.692	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	90791	18.189	ug/l	97
10) Methyl Iodide	4.595	142	119690	16.955	ug/l	91
11) Tert butyl alcohol	5.536	59	82780	95.424	ug/l	99
12) 1,1-Dichloroethene	4.347	96	86066	16.726	ug/l	96
13) Acrolein	4.195	56	78317	81.913	ug/l	94
14) Allyl chloride	5.036	41	117225	18.663	ug/l	95
15) Acrylonitrile	5.724	53	215918	96.541	ug/l	100
16) Acetone	4.436	43	213499	118.062	ug/l	91
17) Carbon Disulfide	4.718	76	223516	16.876	ug/l	98
18) Methyl Acetate	5.036	43	151898	18.245	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	300651	18.313	ug/l	97
20) Methylene Chloride	5.283	84	103841	17.377	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	95187	17.151	ug/l	92
22) Diisopropyl ether	6.683	45	279490	18.917	ug/l	95
23) Vinyl Acetate	6.612	43	829280	94.421	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	181886	18.661	ug/l	97
25) 2-Butanone	7.494	43	289153	103.979	ug/l #	84
26) 2,2-Dichloropropane	7.500	77	155780	21.646	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	114981	17.369	ug/l	92
28) Bromochloromethane	7.824	49	89229	19.939	ug/l	89
29) Tetrahydrofuran	7.847	42	174294	93.755	ug/l	87
30) Chloroform	7.971	83	194588	18.540	ug/l	95
31) Cyclohexane	8.265	56	148866	18.472	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	172450	18.716	ug/l	98
36) 1,1-Dichloropropene	8.377	75	140810	18.560	ug/l	98
37) Ethyl Acetate	7.571	43	122059	20.594	ug/l	93
38) Carbon Tetrachloride	8.371	117	149574	18.671	ug/l	98
39) Methylcyclohexane	9.606	83	127924	16.270	ug/l	91
40) Benzene	8.612	78	430922	19.025	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	65125	20.272	ug/l	92
42) 1,2-Dichloroethane	8.677	62	147927	19.048	ug/l	99
43) Isopropyl Acetate	8.694	43	201905	17.813	ug/l #	95
44) Trichloroethene	9.359	130	108944	18.213	ug/l	99
45) 1,2-Dichloropropane	9.630	63	108034	19.171	ug/l	96
46) Dibromomethane	9.718	93	77361	18.638	ug/l	98
47) Bromodichloromethane	9.894	83	155523	20.171	ug/l	94
48) Methyl methacrylate	9.688	41	94737	19.916	ug/l	90
49) 1,4-Dioxane	9.700	88	38413	384.223	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	598714	100.307	ug/l	93
52) Toluene	10.635	92	268401	18.769	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	157379	19.599	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	172848	19.473	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	105545	19.510	ug/l	93
56) Ethyl methacrylate	10.882	69	154338	19.593	ug/l	91
57) 1,3-Dichloropropane	11.171	76	179388	19.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	307302	96.573	ug/l	91
59) 2-Hexanone	11.200	43	437366	105.237	ug/l	91
60) Dibromochloromethane	11.365	129	114111	19.277	ug/l	99
61) 1,2-Dibromoethane	11.476	107	104548	18.416	ug/l	99
64) Tetrachloroethene	11.106	164	92164	19.127	ug/l	97
65) Chlorobenzene	11.900	112	276458	17.873	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.971	131	107829	18.953	ug/l	97
67) Ethyl Benzene	11.971	91	503471	18.864	ug/l	100
68) m/p-Xylenes	12.076	106	379123	37.273	ug/l	99
69) o-Xylene	12.406	106	189585	18.980	ug/l	100
70) Styrene	12.418	104	296696	18.867	ug/l	98
71) Bromoform	12.582	173	72545	19.759	ug/l #	98
73) Isopropylbenzene	12.700	105	461489	17.998	ug/l	98
74) N-amyl acetate	12.500	43	154026	18.241	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	149573	19.727	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	171445	26.745	ug/l	74
77) Bromobenzene	12.988	156	103843	17.446	ug/l	98
78) n-propylbenzene	13.041	91	508999	18.271	ug/l	100
79) 2-Chlorotoluene	13.129	91	318827	17.729	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	365166	17.590	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41512	19.896	ug/l #	81
82) 4-Chlorotoluene	13.229	91	305294	18.190	ug/l	98
83) tert-Butylbenzene	13.447	119	304959	16.899	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	355494	17.662	ug/l	97
85) sec-Butylbenzene	13.623	105	388633	16.454	ug/l	100
86) p-Isopropyltoluene	13.735	119	324385	16.924	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	170949	16.979	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	169430	17.439	ug/l	98
89) n-Butylbenzene	14.065	91	238948	15.805	ug/l	98
90) Hexachloroethane	14.341	117	55853	16.420	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	173241	17.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23767	18.713	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	52622	15.009	ug/l	97
94) Hexachlorobutadiene	15.511	225	28344	14.596	ug/l	97
95) Naphthalene	15.647	128	172246	14.605	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	58902	15.021	ug/l	99

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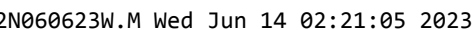
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

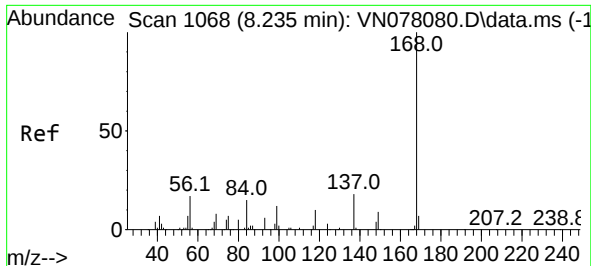
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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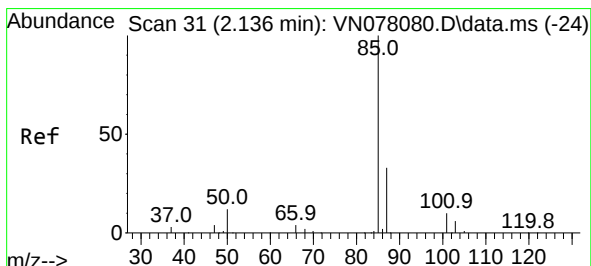
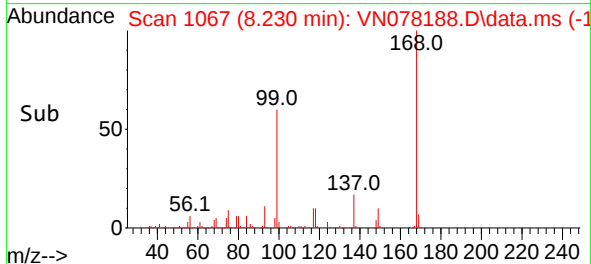
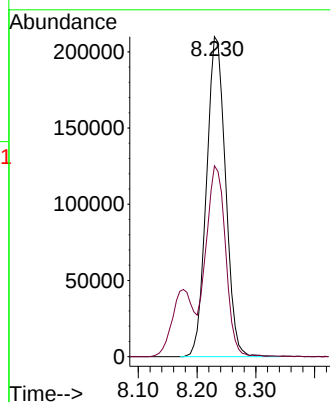
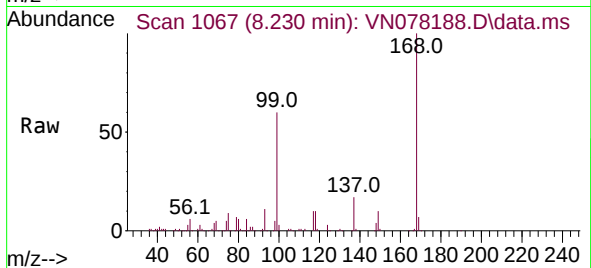




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078188.D
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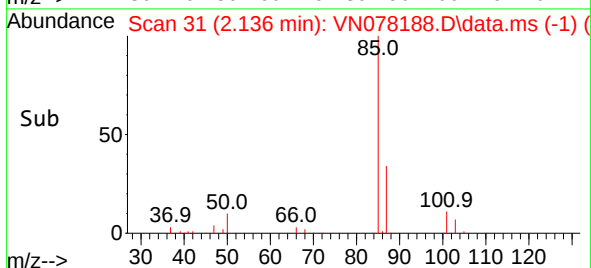
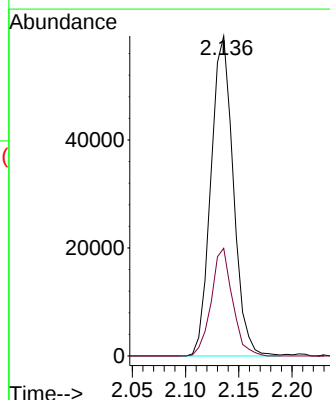
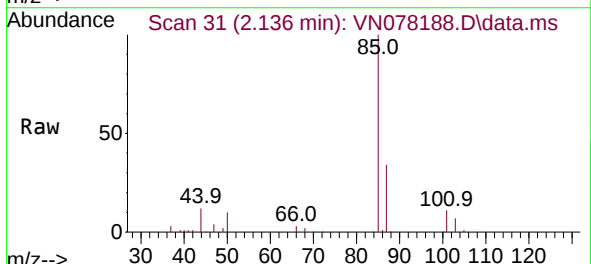
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

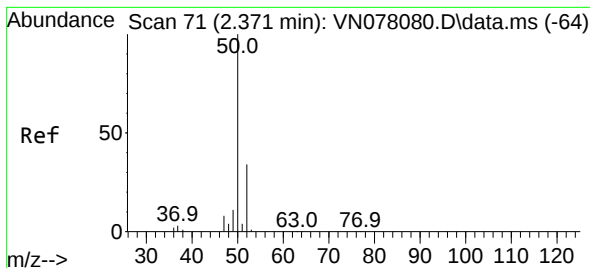
Tgt Ion:168 Resp: 471206
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.256 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 85 Resp: 86585
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





#3

Chloromethane

Concen: 17.430 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

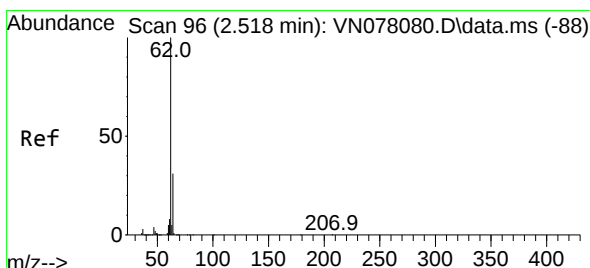
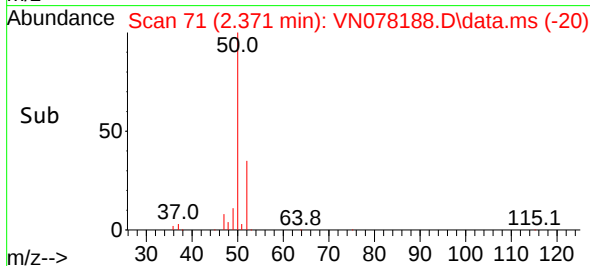
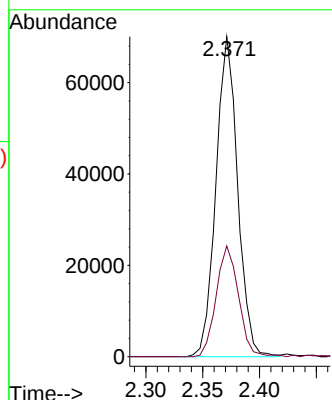
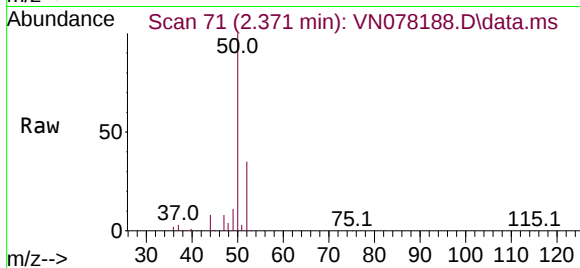
VN0613MBS02

Tgt Ion: 50 Resp: 93298

Ion Ratio Lower Upper

50 100

52 34.6 26.5 39.7



#4

Vinyl Chloride

Concen: 18.065 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078188.D

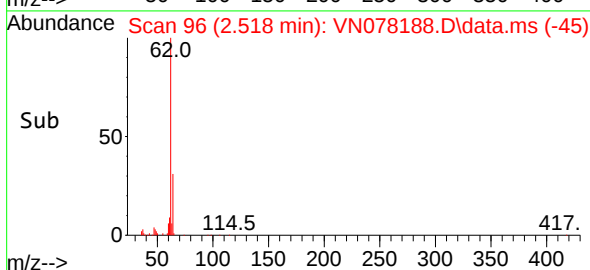
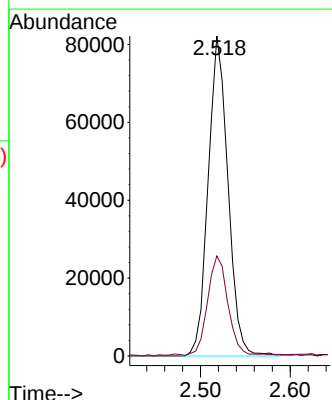
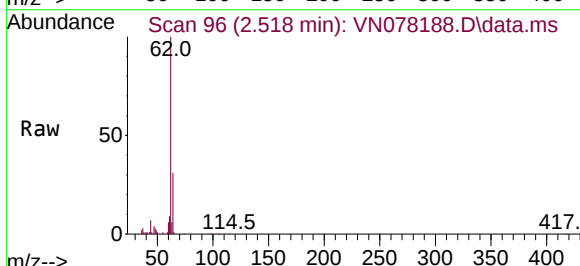
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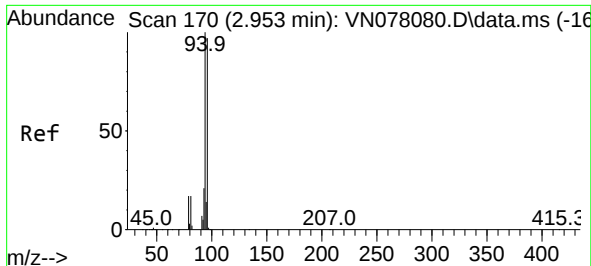
Tgt Ion: 62 Resp: 126003

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.2

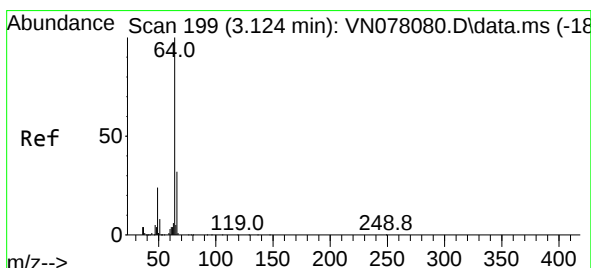
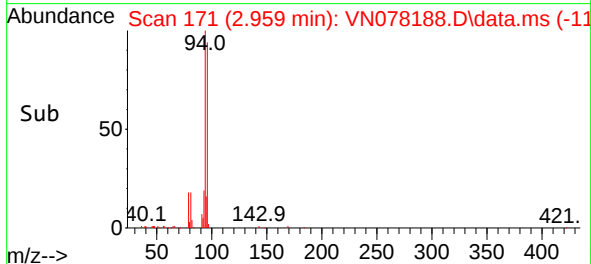
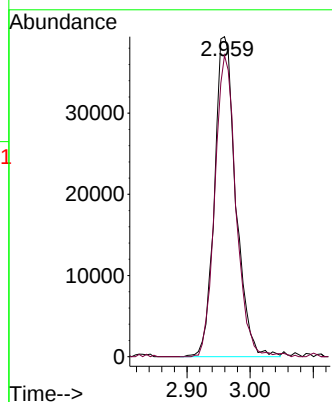
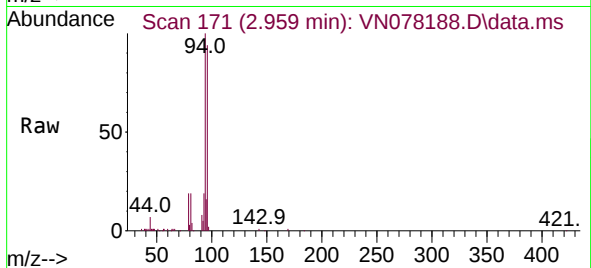




#5
Bromomethane
Concen: 17.594 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078188.D
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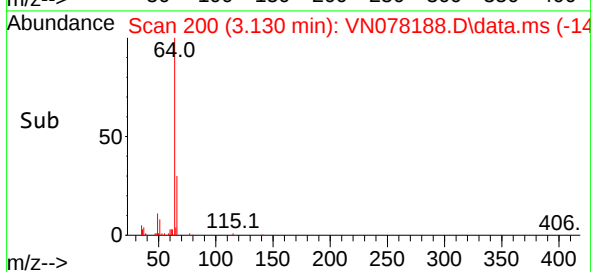
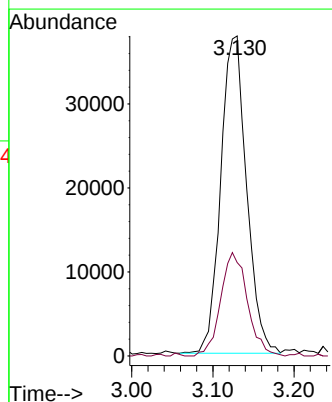
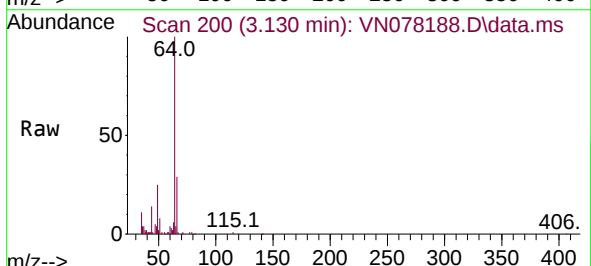
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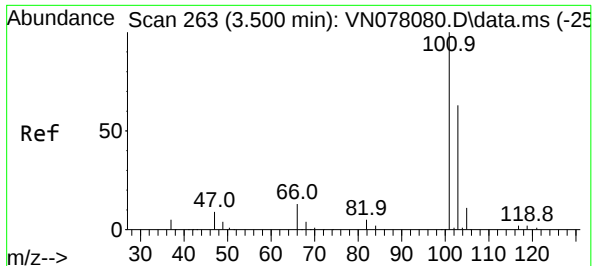
Tgt Ion: 94 Resp: 92740
Ion Ratio Lower Upper
94 100
96 94.2 73.1 109.7



#6
Chloroethane
Concen: 17.572 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 64 Resp: 83551
Ion Ratio Lower Upper
64 100
66 29.0 25.4 38.2

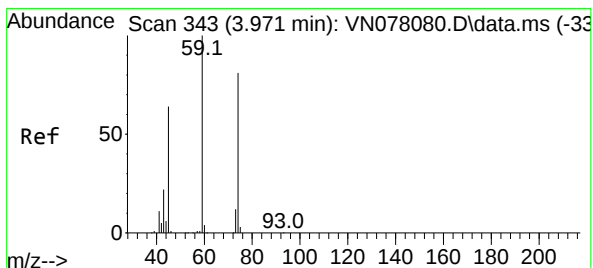
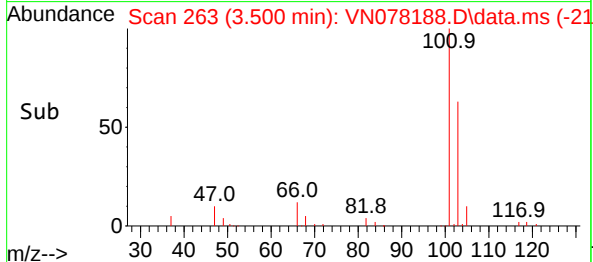
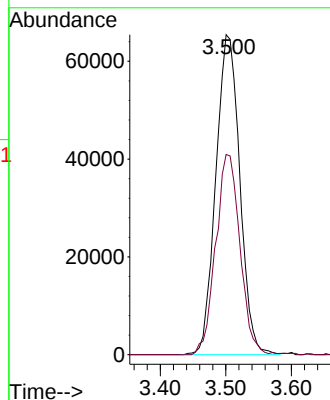
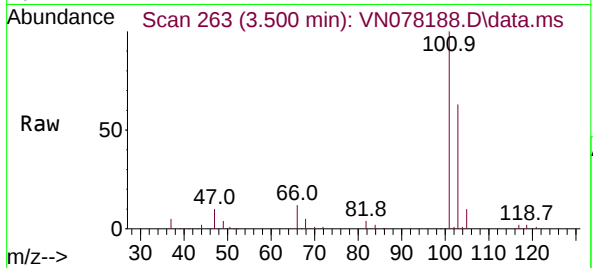




#7
 Trichlorofluoromethane
 Concen: 17.548 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

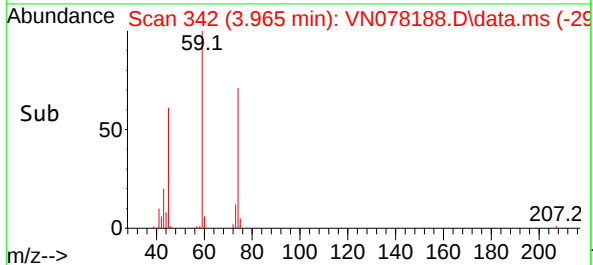
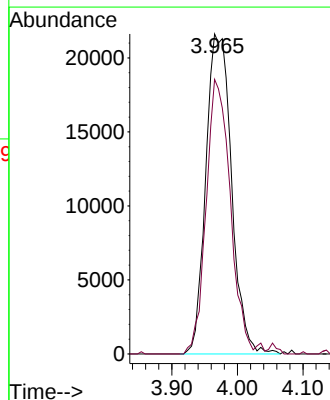
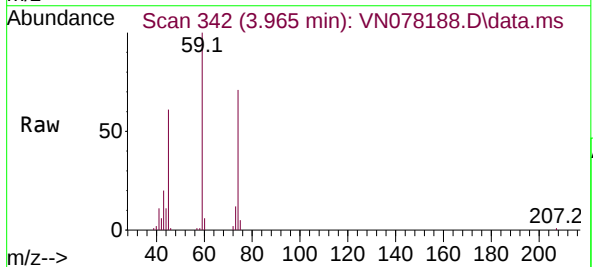
Instrument :
 MSVOA_N
 ClientSampleId :
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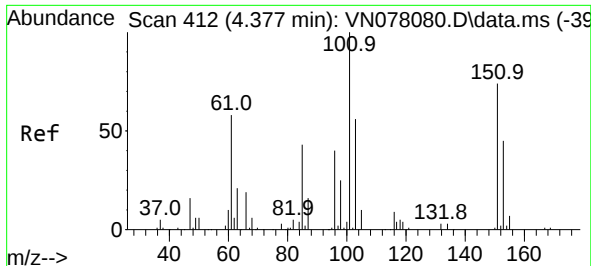
Tgt Ion:101 Resp: 165973
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 17.692 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

Tgt Ion: 74 Resp: 58798
 Ion Ratio Lower Upper
 74 100
 45 80.5 34.4 103.3

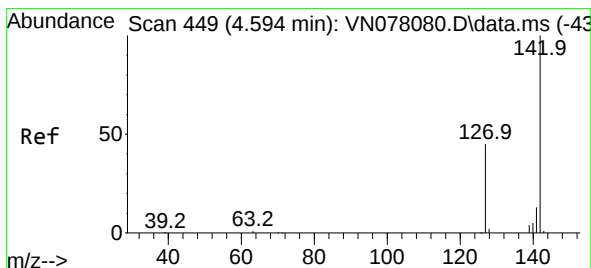
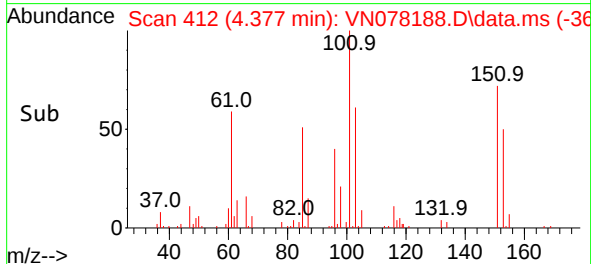
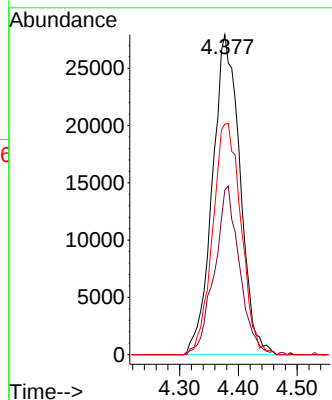
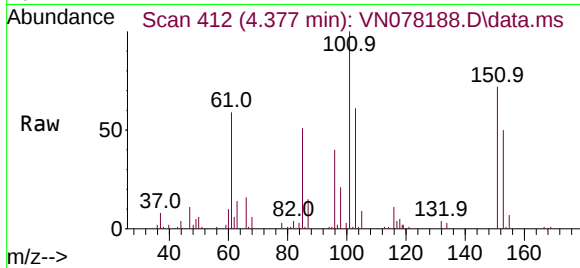




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.189 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

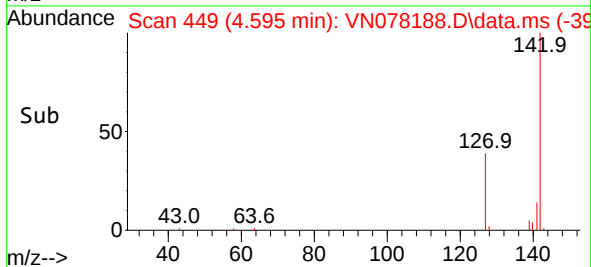
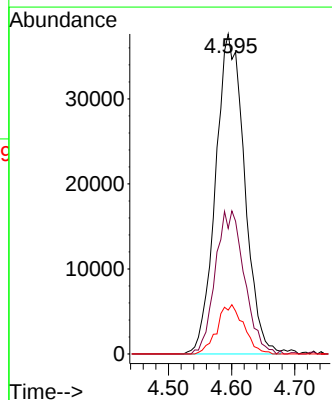
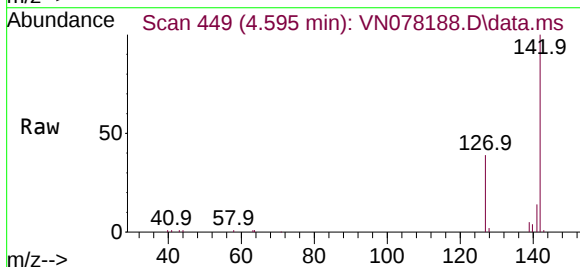
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

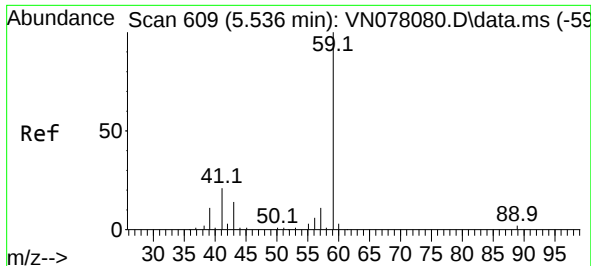
Tgt Ion:101 Resp: 90791
Ion Ratio Lower Upper
101 100
85 48.0 36.6 55.0
151 74.5 57.6 86.4



#10
Methyl Iodide
Concen: 16.955 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion:142 Resp: 119690
Ion Ratio Lower Upper
142 100
127 39.3 37.6 56.4
141 13.7 11.4 17.0

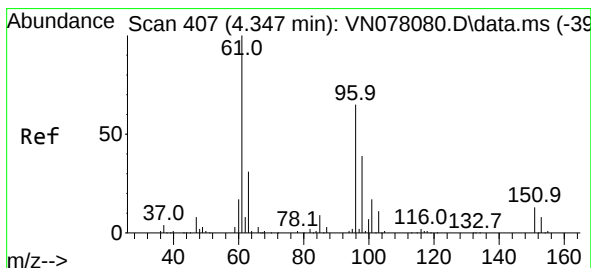
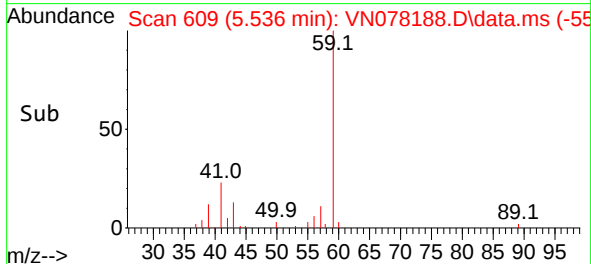
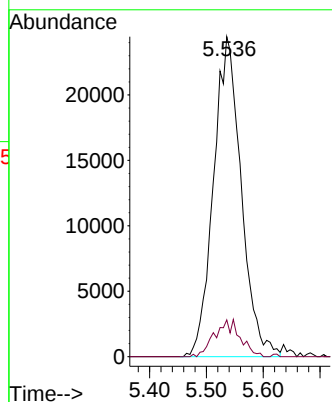
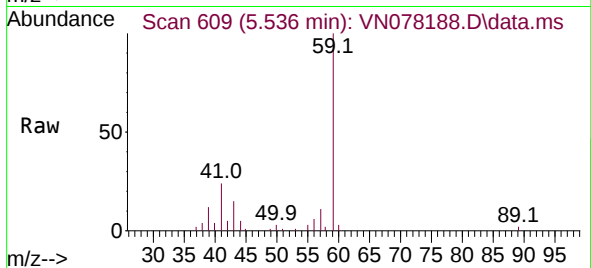




#11
Tert butyl alcohol
Concen: 95.424 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

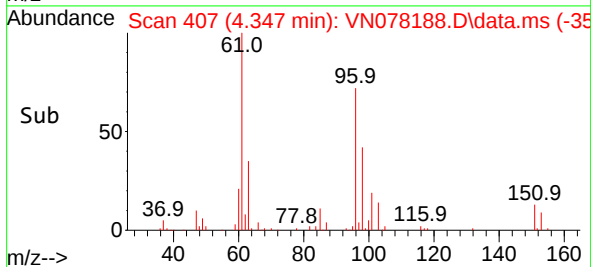
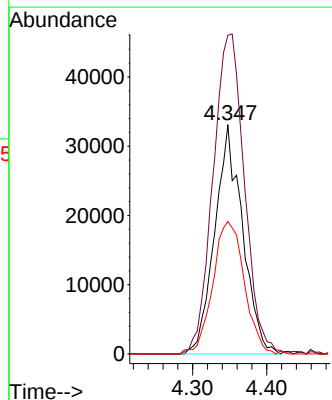
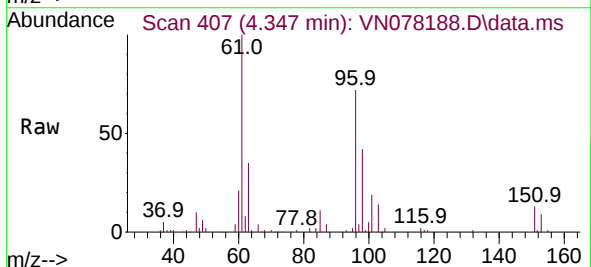
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

Tgt Ion: 59 Resp: 82780
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.726 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 96 Resp: 86066
Ion Ratio Lower Upper
96 100
61 139.0 112.7 169.1
98 57.8 51.2 76.8





#13

Acrolein

Concen: 81.913 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

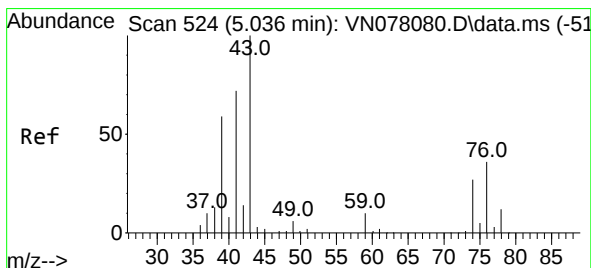
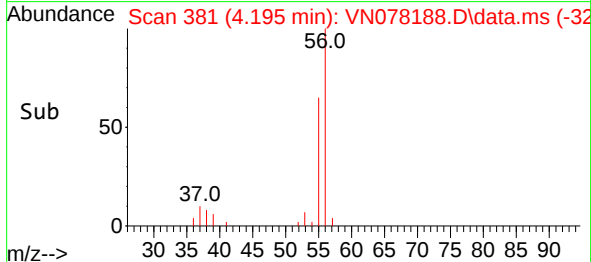
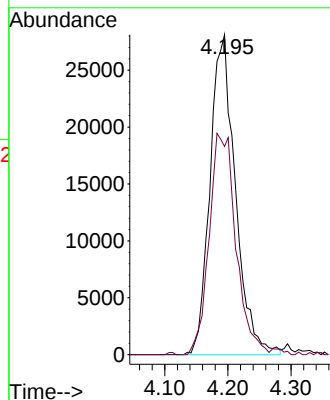
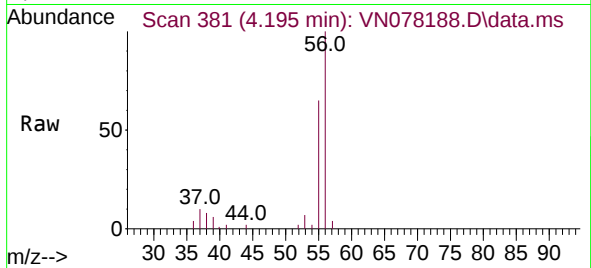
VN0613MBS02

Tgt Ion: 56 Resp: 78317

Ion Ratio Lower Upper

56 100

55 72.9 54.5 81.7



#14

Allyl chloride

Concen: 18.663 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

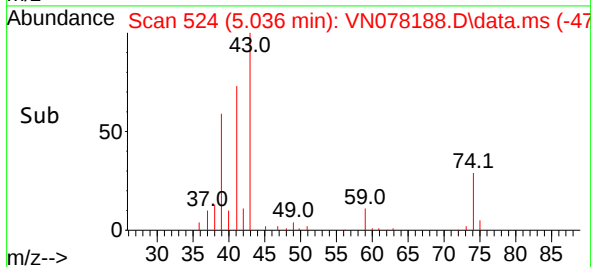
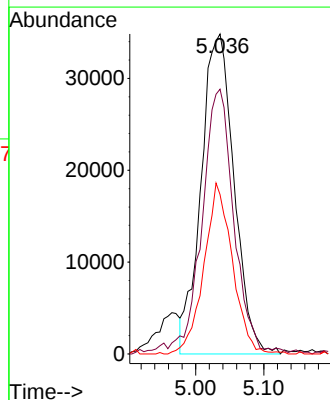
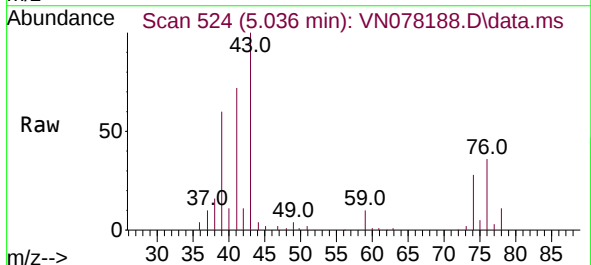
Tgt Ion: 41 Resp: 117225

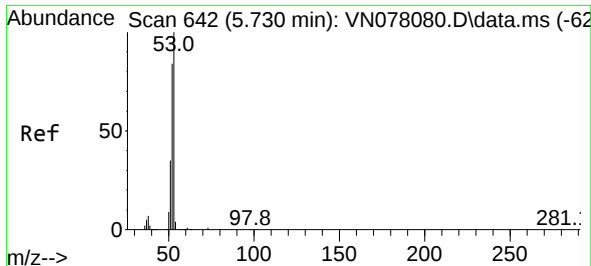
Ion Ratio Lower Upper

41 100

39 78.3 58.8 88.2

76 46.0 39.1 58.7

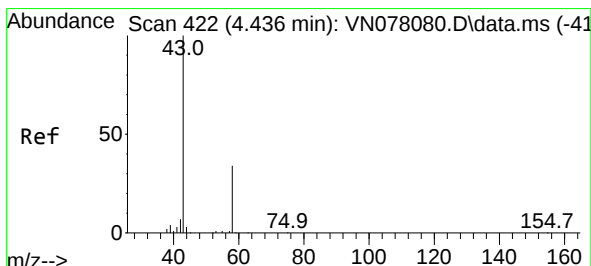
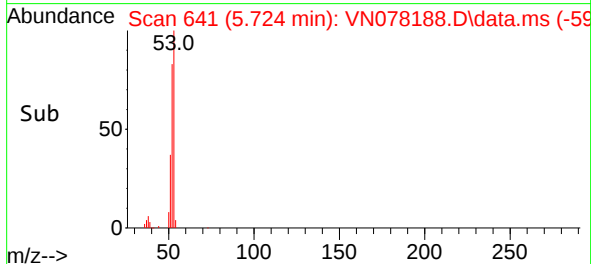
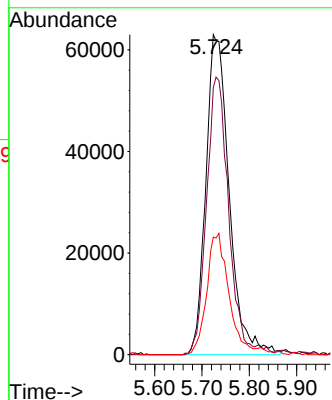
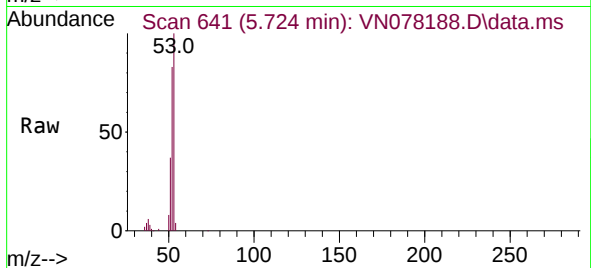




#15
Acrylonitrile
Concen: 96.541 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

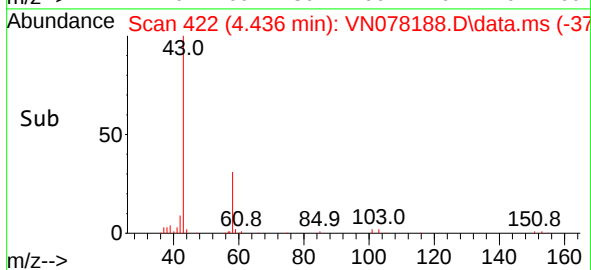
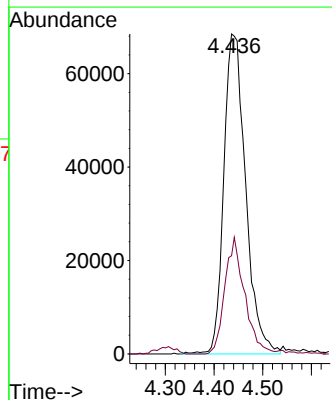
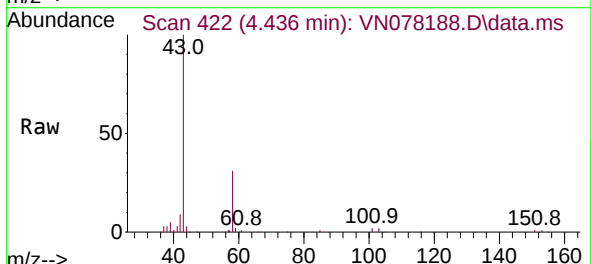
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

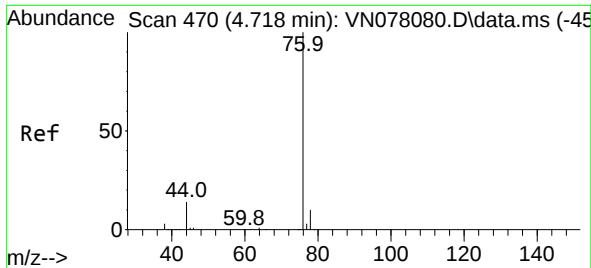
Tgt Ion: 53 Resp: 215918
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 35.8 28.9 43.3



#16
Acetone
Concen: 118.062 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 43 Resp: 213499
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

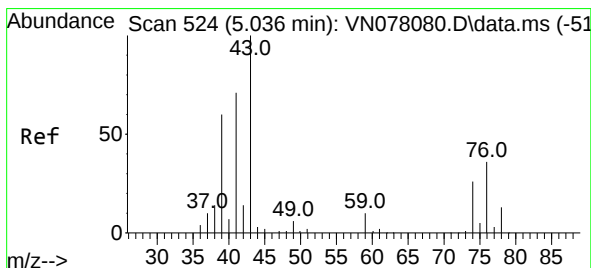
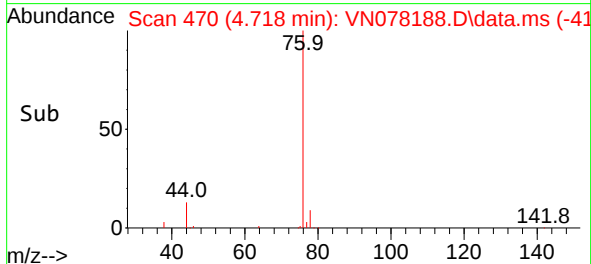
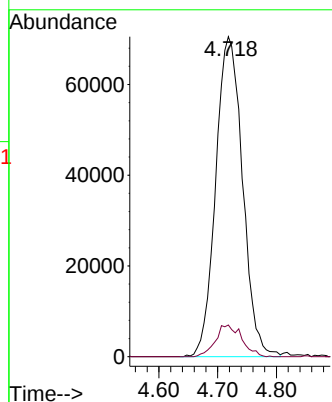
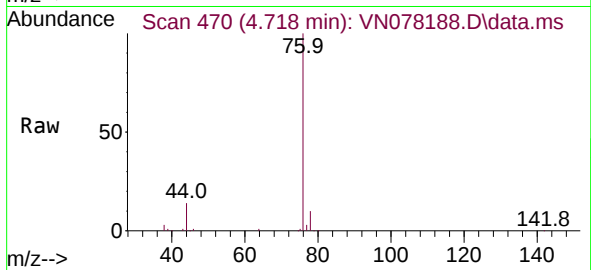




#17
Carbon Disulfide
Concen: 16.876 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

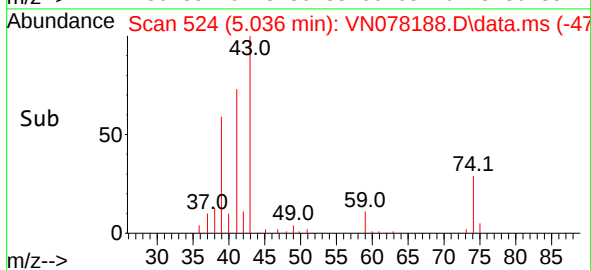
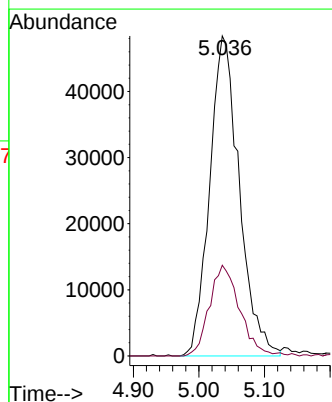
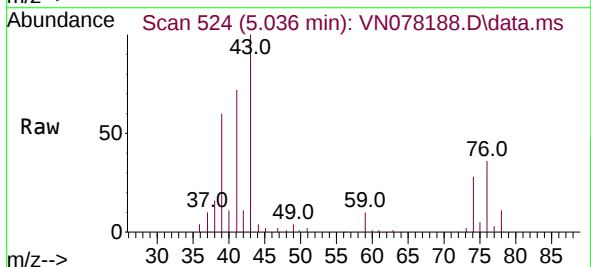
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

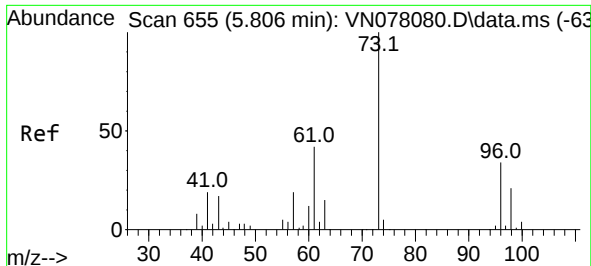
Tgt Ion: 76 Resp: 223516
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.245 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 43 Resp: 151898
Ion Ratio Lower Upper
43 100
74 29.0 26.2 39.4

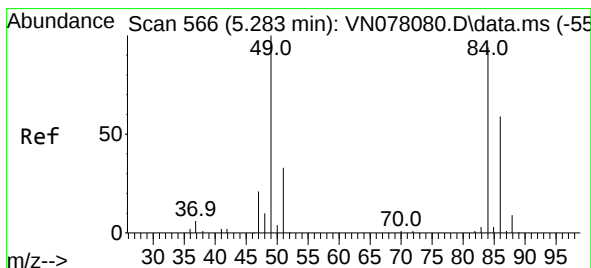
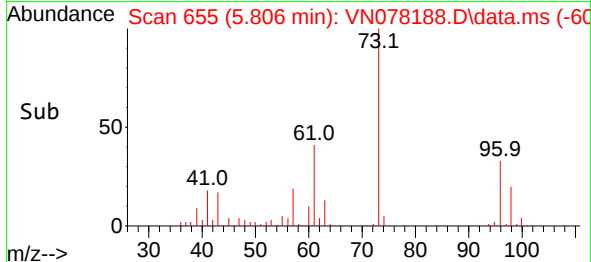
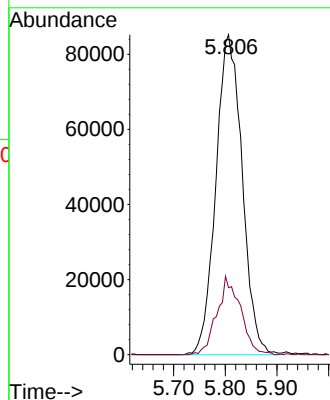
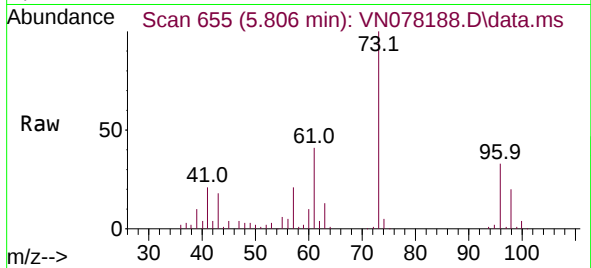




#19
Methyl tert-butyl Ether
Concen: 18.313 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

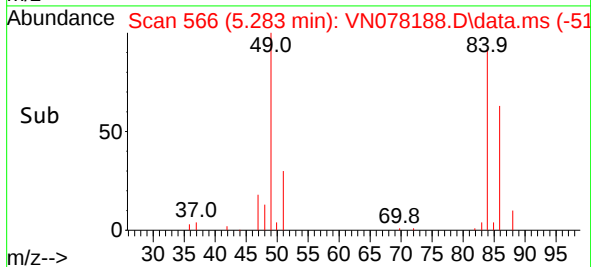
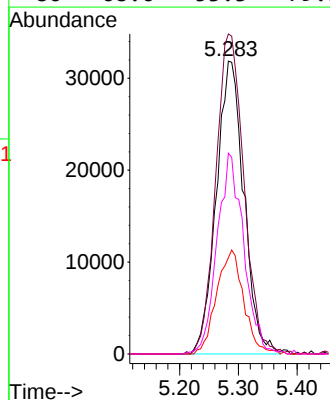
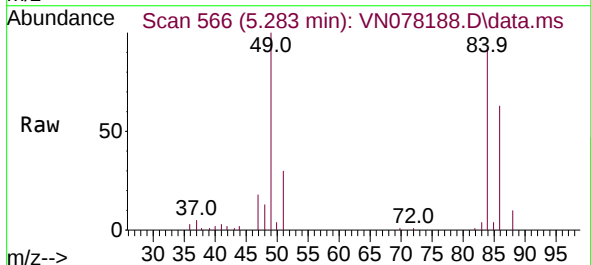
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

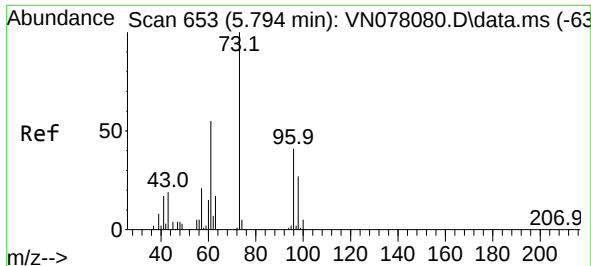
Tgt Ion: 73 Resp: 300651
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4



#20
Methylene Chloride
Concen: 17.377 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 84 Resp: 103841
Ion Ratio Lower Upper
84 100
49 109.3 79.7 119.5
51 32.8 25.2 37.8
86 68.6 53.3 79.9

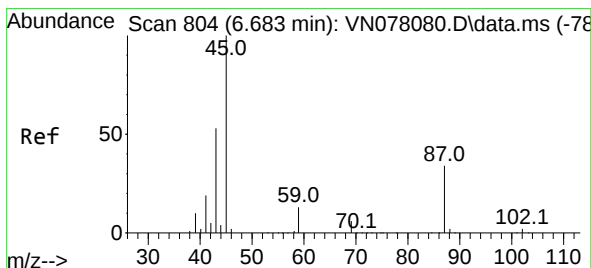
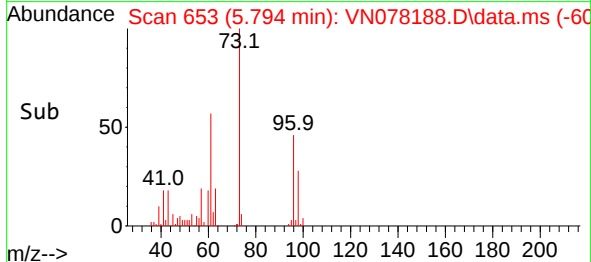
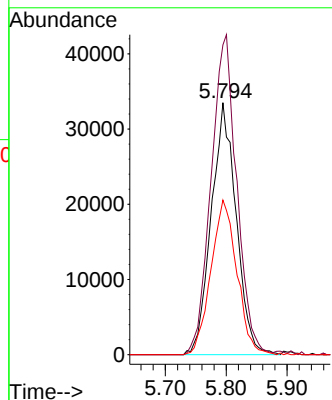
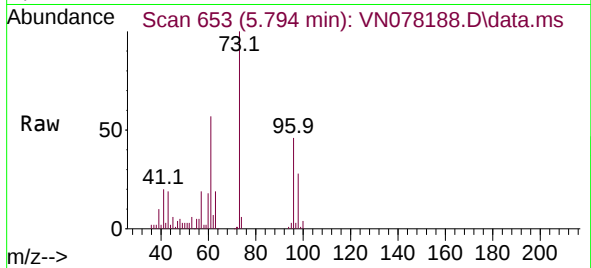




#21
trans-1,2-Dichloroethene
Concen: 17.151 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

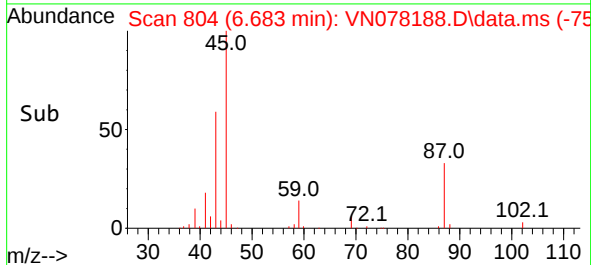
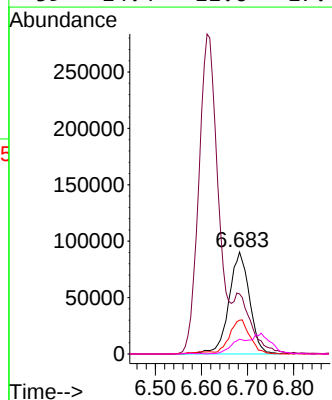
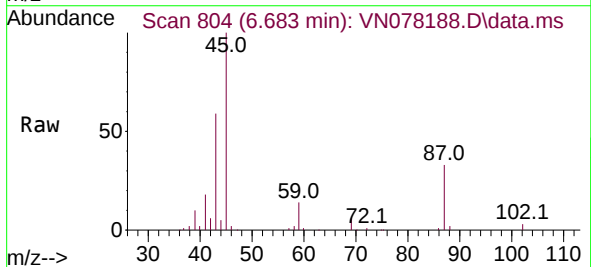
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

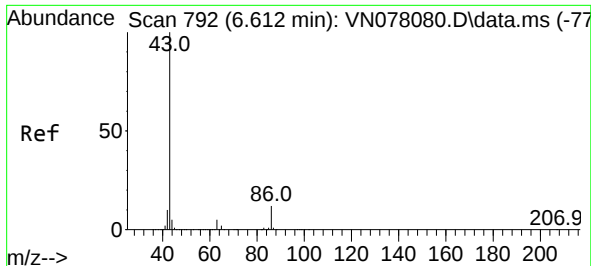
Tgt Ion: 96 Resp: 95187
Ion Ratio Lower Upper
96 100
61 123.0 90.1 135.1
98 61.3 46.4 69.6



#22
Diisopropyl ether
Concen: 18.917 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 45 Resp: 279490
Ion Ratio Lower Upper
45 100
43 57.8 45.5 68.3
87 33.1 31.8 47.8
59 14.4 11.6 17.4

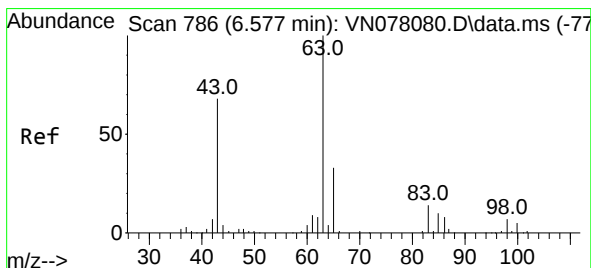
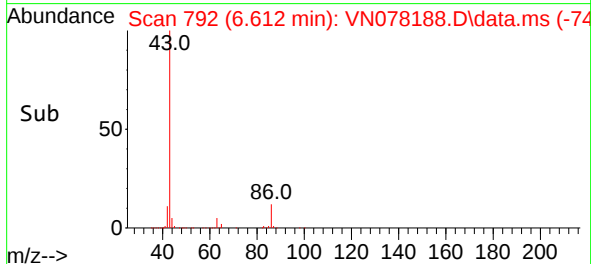
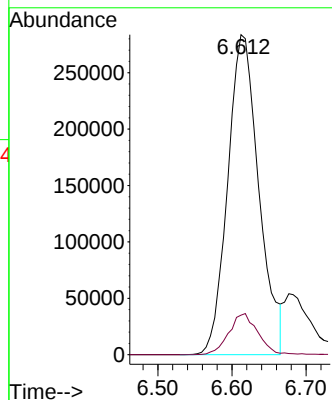
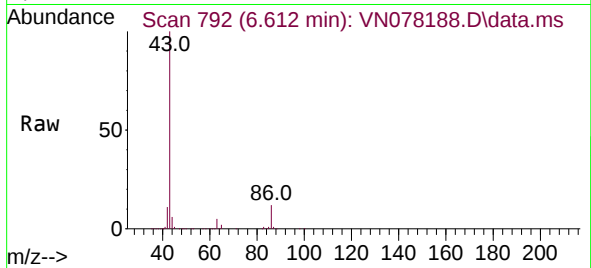




#23
 Vinyl Acetate
 Concen: 94.421 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

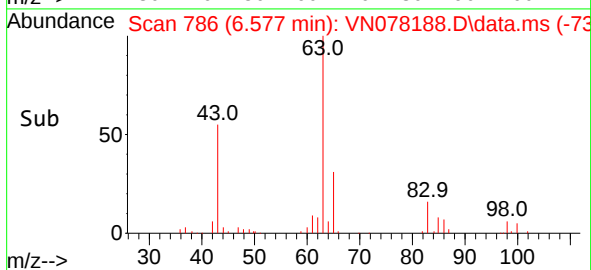
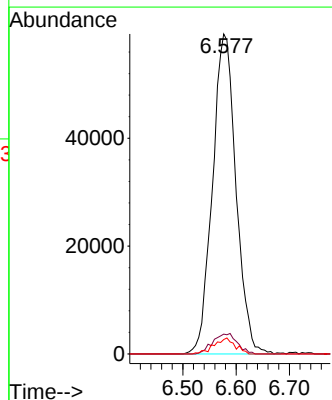
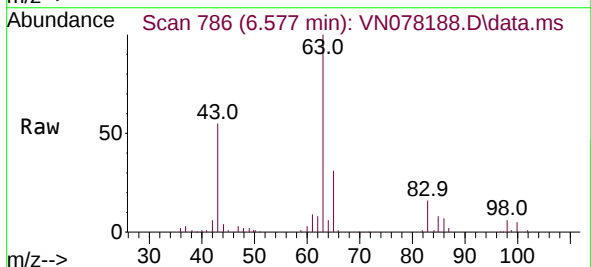
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS02

Tgt Ion: 43 Resp: 829280
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.661 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

Tgt Ion: 63 Resp: 181886
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.5 2.5 7.4

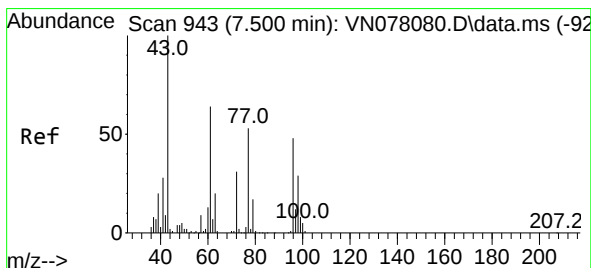
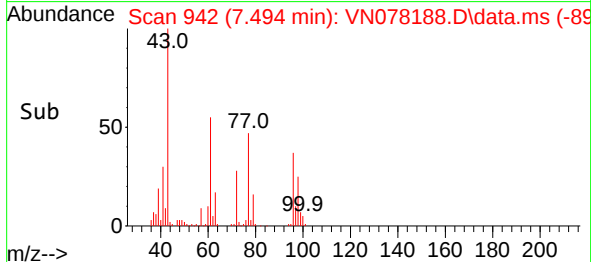
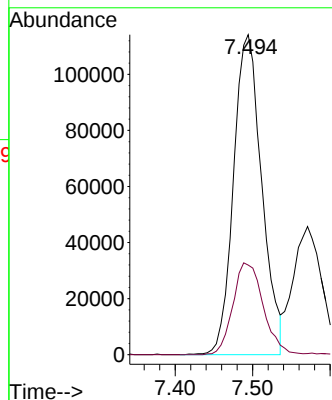
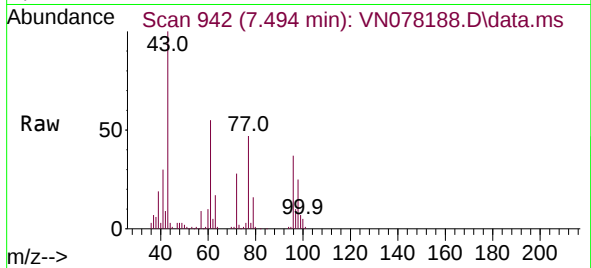




#25
2-Butanone
Concen: 103.979 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

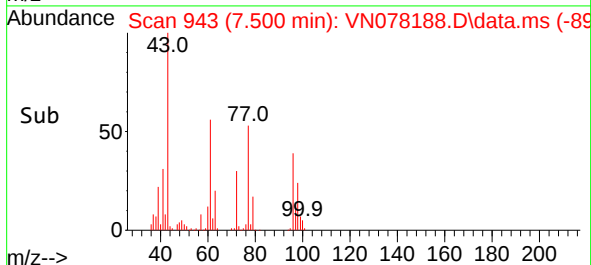
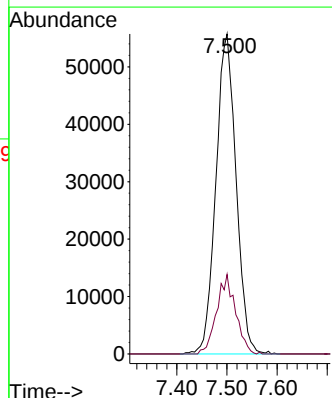
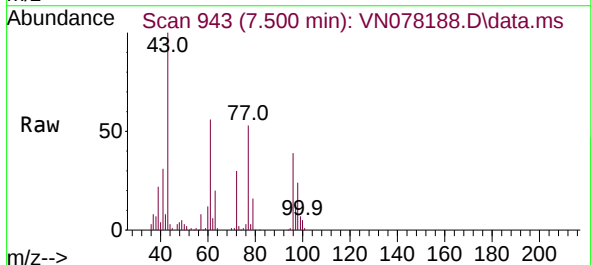
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

Tgt Ion: 43 Resp: 289153
Ion Ratio Lower Upper
43 100
72 28.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.646 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 77 Resp: 155780
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6

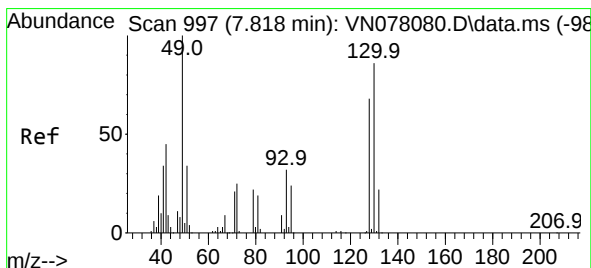
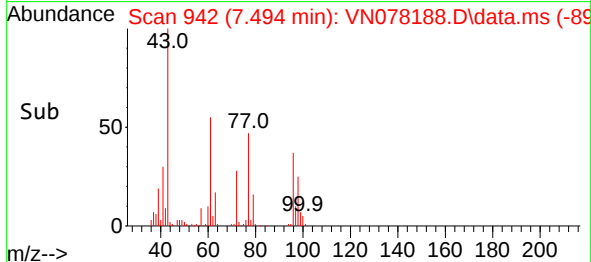
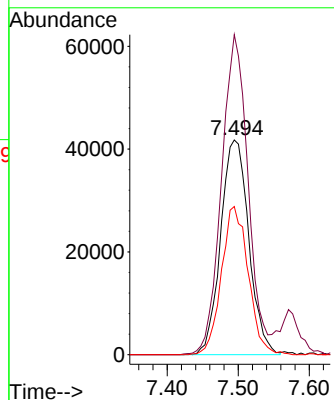
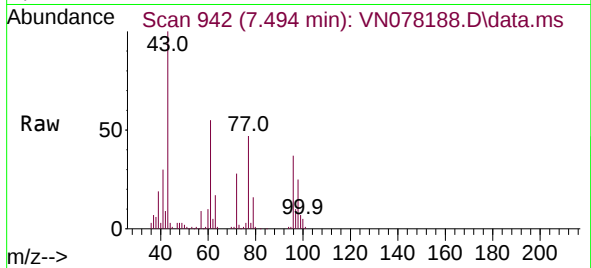




#27
 cis-1,2-Dichloroethene
 Concen: 17.369 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

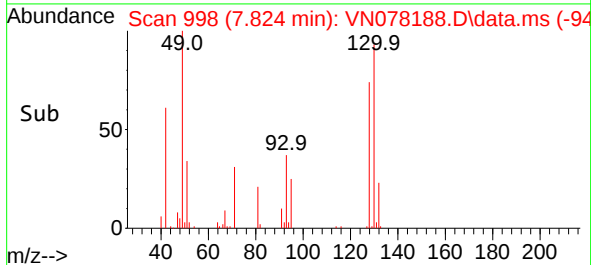
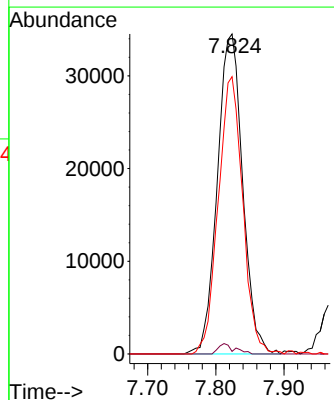
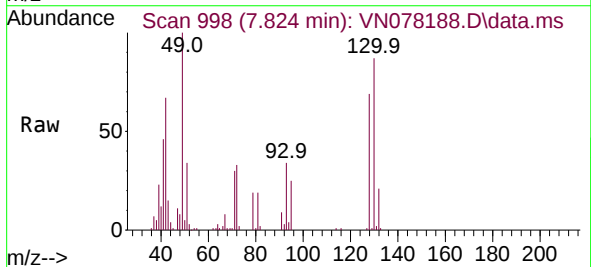
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS02

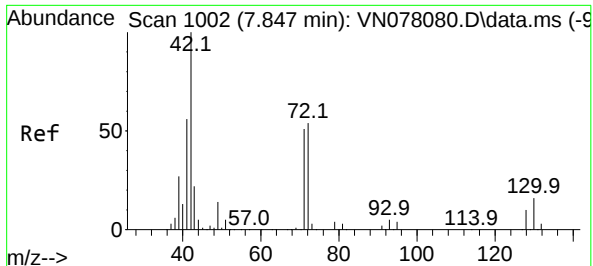
Tgt Ion: 96 Resp: 114981
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 255.2
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.939 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

Tgt Ion: 49 Resp: 89229
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 83.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.755 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

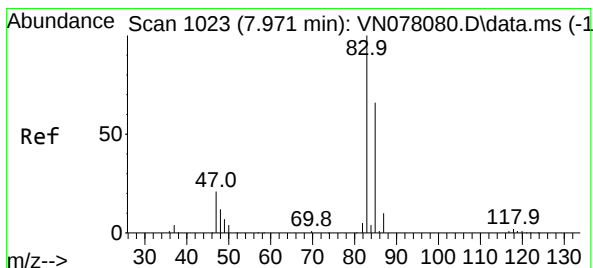
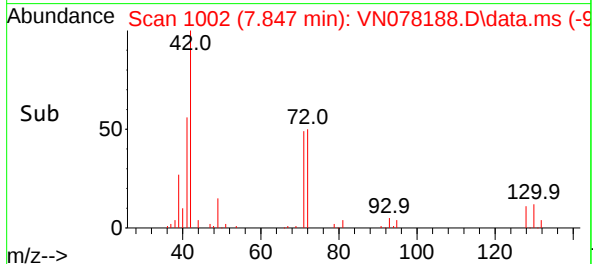
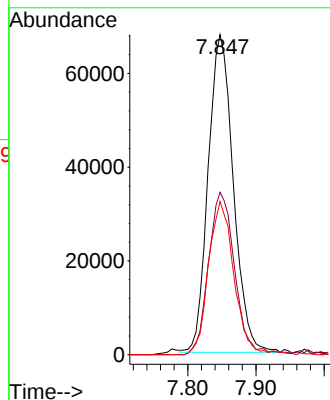
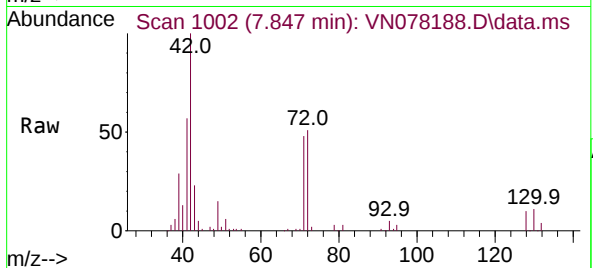
Tgt Ion: 42 Resp: 174294

Ion Ratio Lower Upper

42 100

72 53.0 49.8 74.6

71 48.4 47.4 71.2



#30

Chloroform

Concen: 18.540 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078188.D

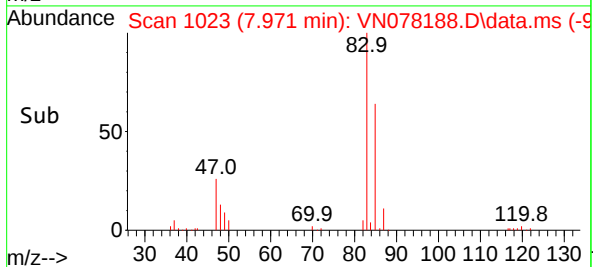
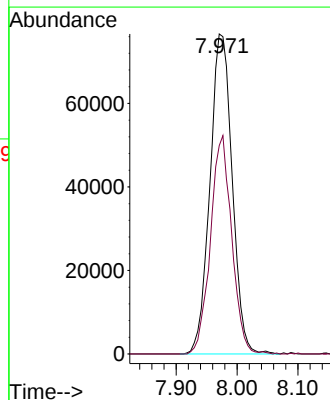
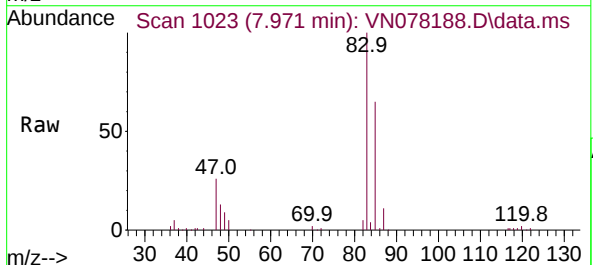
Acq: 13 Jun 2023 16:05

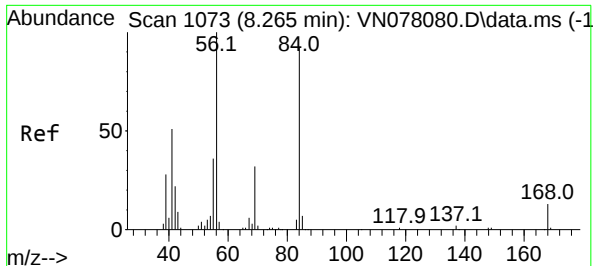
Tgt Ion: 83 Resp: 194588

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0

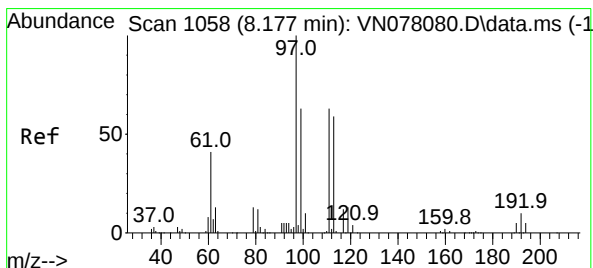
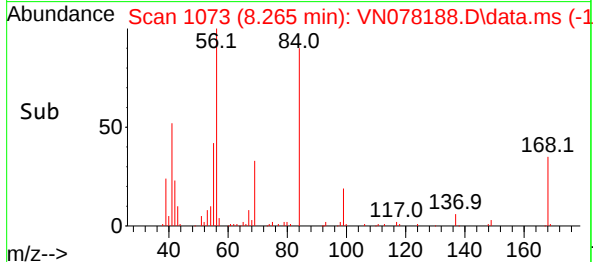
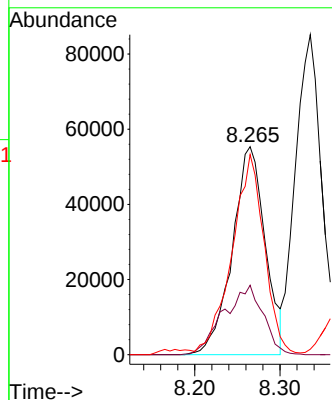
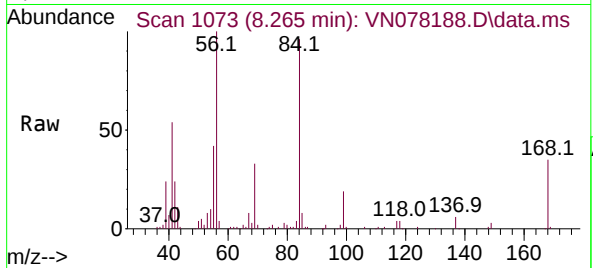




#31
Cyclohexane
Concen: 18.472 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

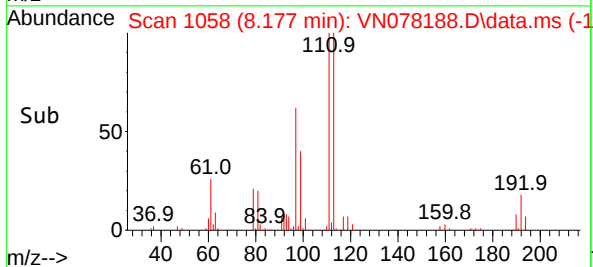
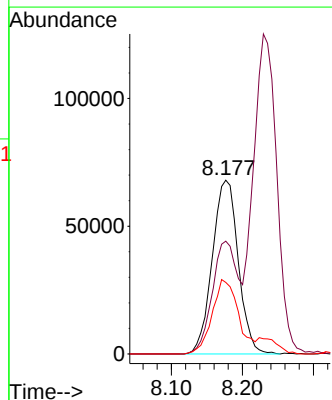
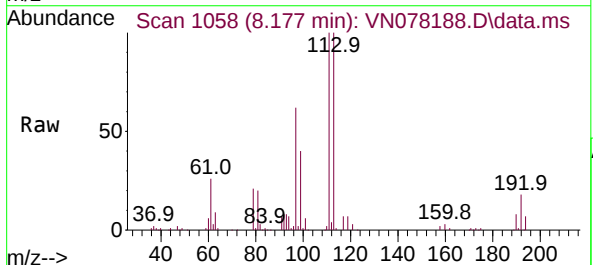
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

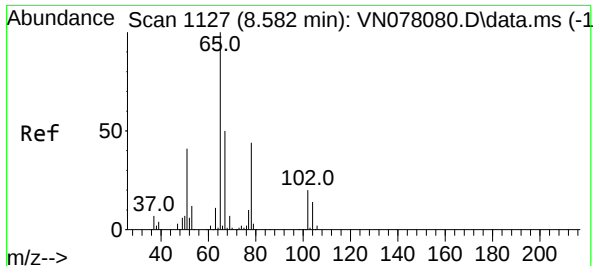
Tgt Ion: 56 Resp: 148866
Ion Ratio Lower Upper
56 100
69 33.4 26.8 40.2
84 94.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.716 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 97 Resp: 172450
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.219 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

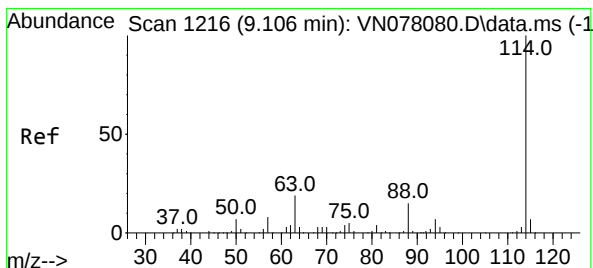
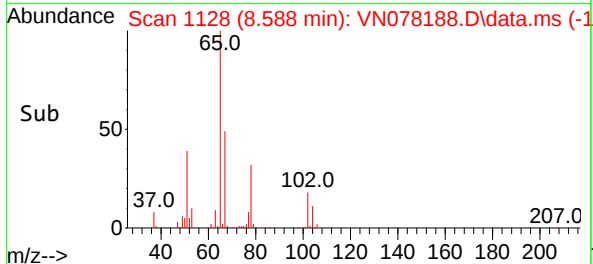
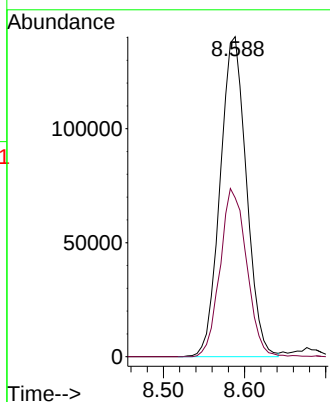
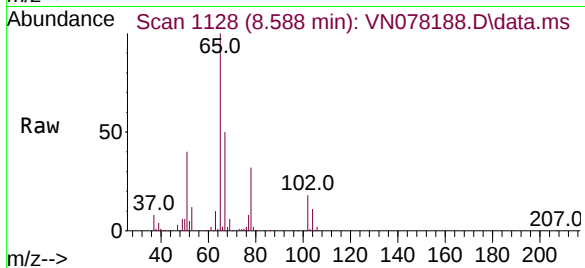
VN0613MBS02

Tgt Ion: 65 Resp: 315508

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

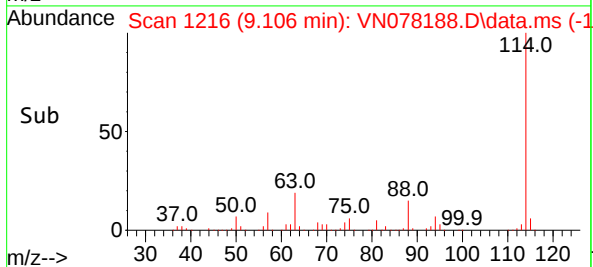
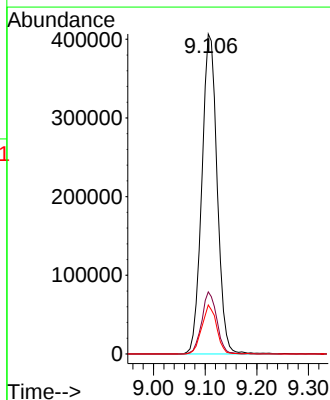
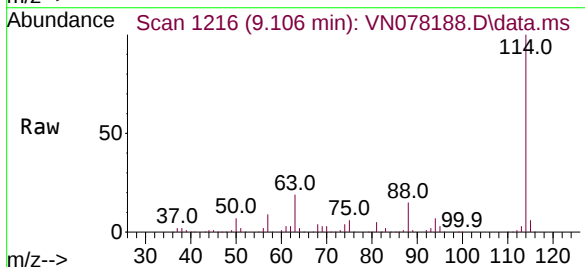
Tgt Ion: 114 Resp: 836531

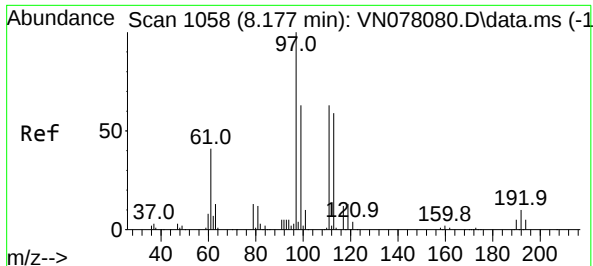
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.3 0.0 30.6

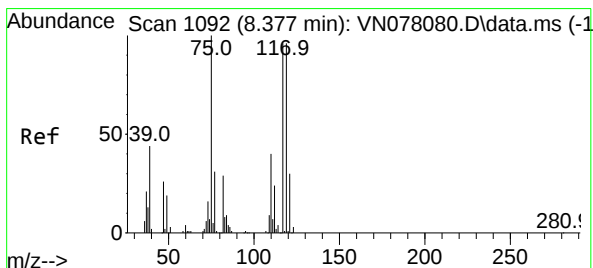
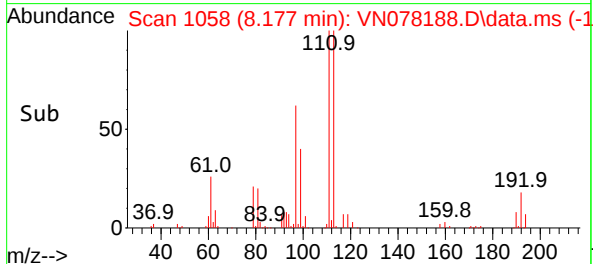
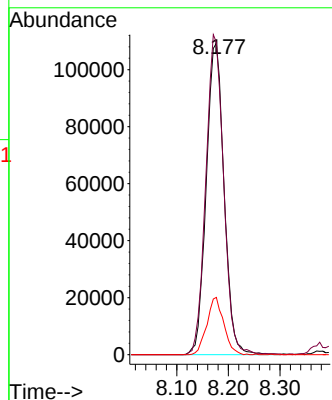
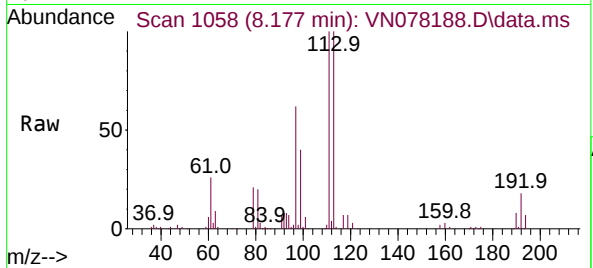




#35
Dibromofluoromethane
Concen: 49.500 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

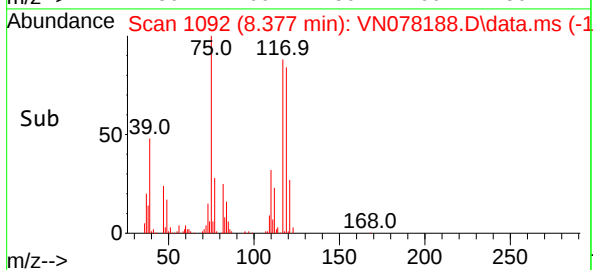
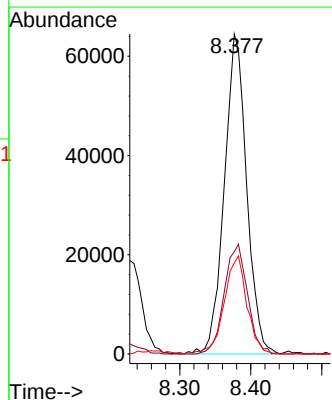
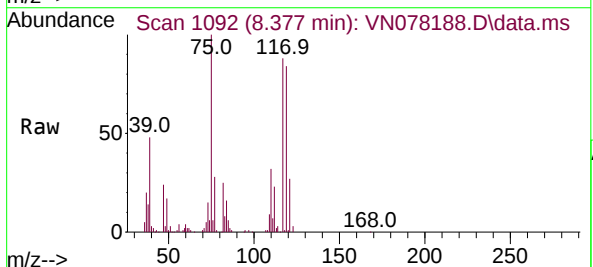
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

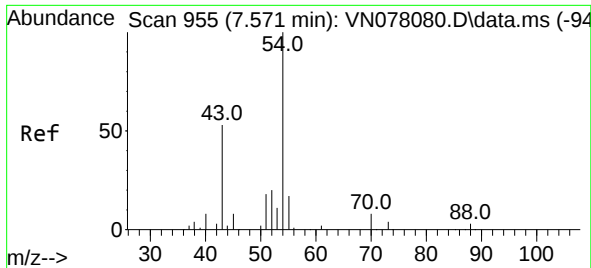
Tgt Ion:113 Resp: 261820
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.560 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 75 Resp: 140810
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 31.2 25.0 37.4

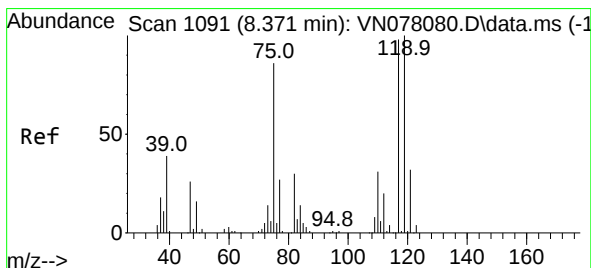
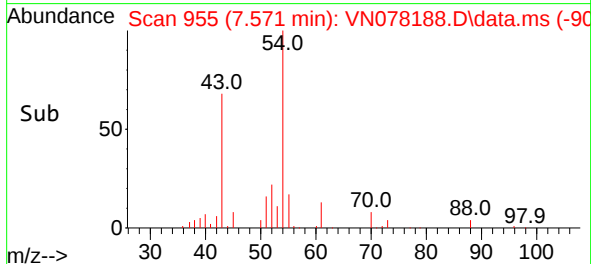
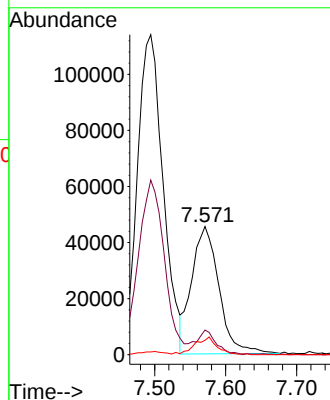
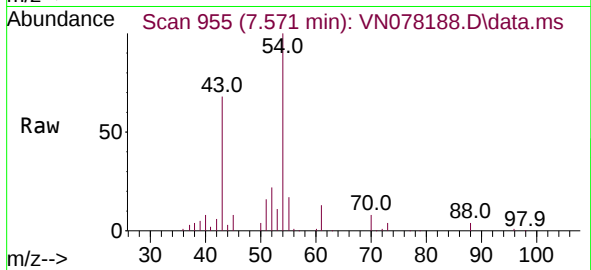




#37
Ethyl Acetate
Concen: 20.594 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

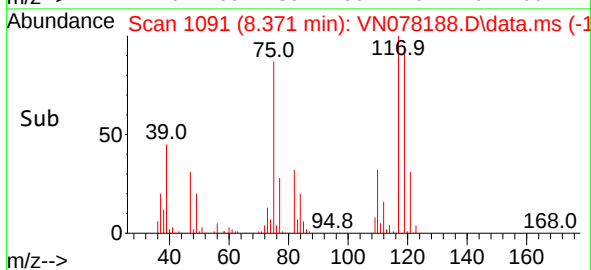
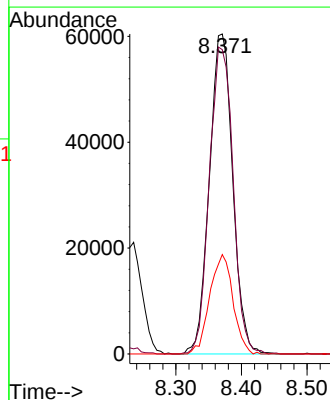
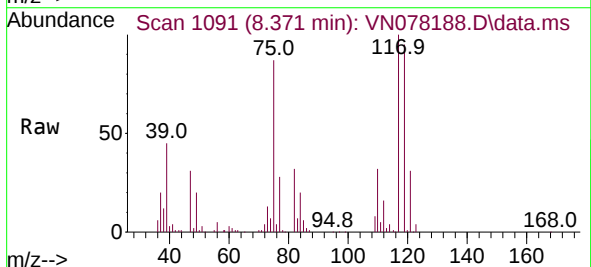
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

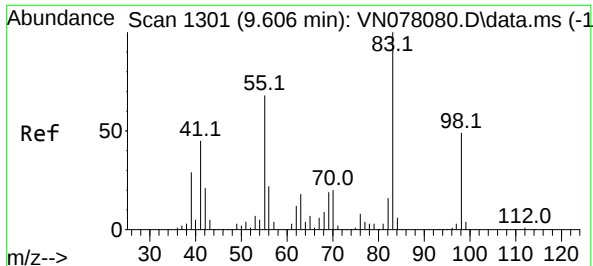
Tgt Ion: 43	Resp: 122059
Ion Ratio	Lower Upper
43 100	
61 13.7	13.2 19.8
70 11.3	11.3 16.9



#38
Carbon Tetrachloride
Concen: 18.671 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion:117	Resp:	149574	
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.3	115.9
121	31.1	23.3	34.9





#39

Methylcyclohexane

Concen: 16.270 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

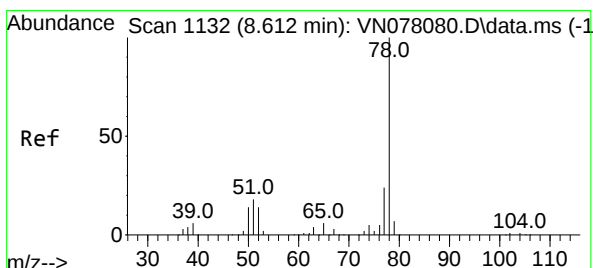
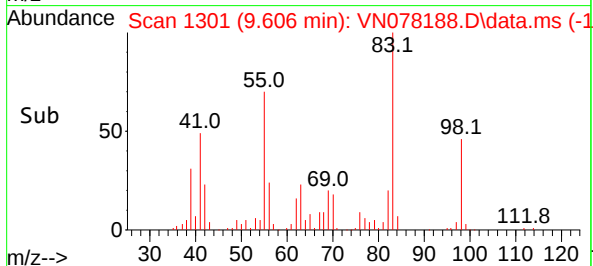
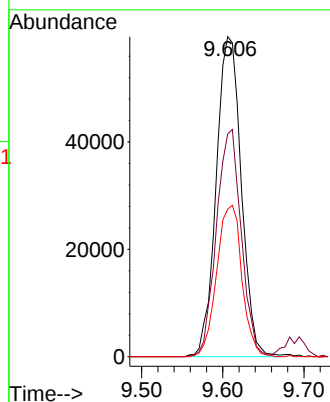
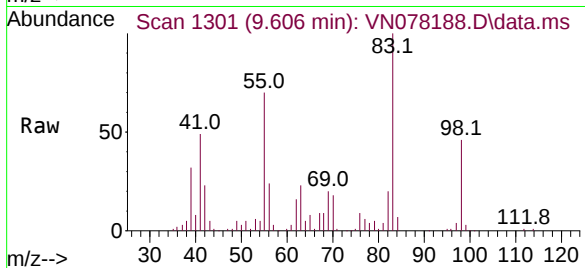
Tgt Ion: 83 Resp: 127924

Ion Ratio Lower Upper

83 100

55 69.6 49.1 73.7

98 46.1 40.6 61.0



#40

Benzene

Concen: 19.025 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078188.D

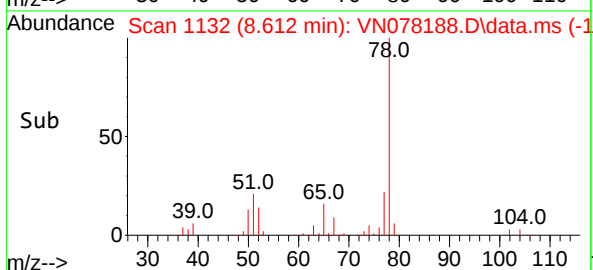
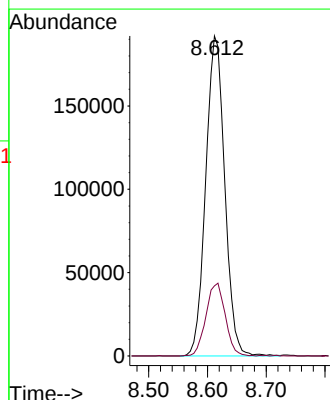
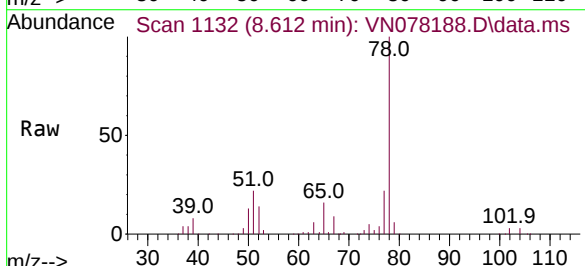
Acq: 13 Jun 2023 16:05

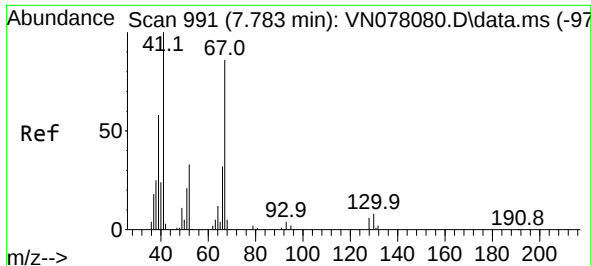
Tgt Ion: 78 Resp: 430922

Ion Ratio Lower Upper

78 100

77 21.9 19.0 28.6

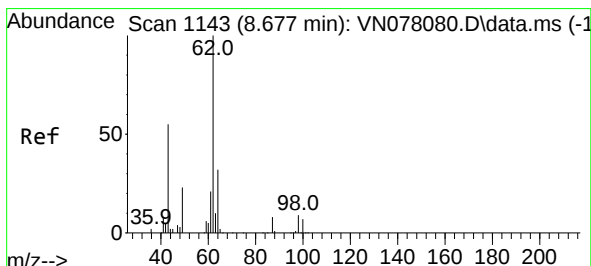
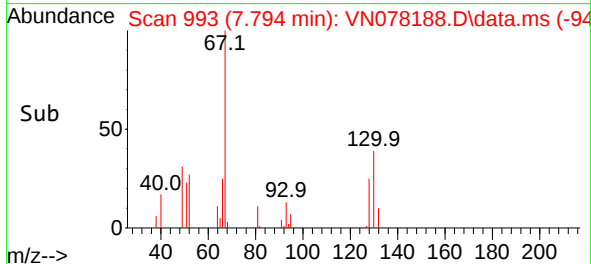
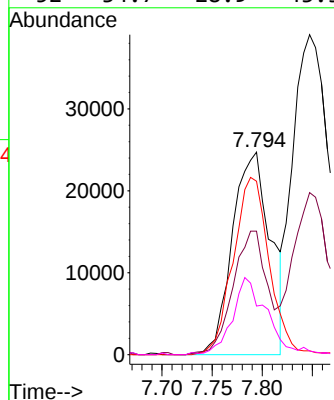
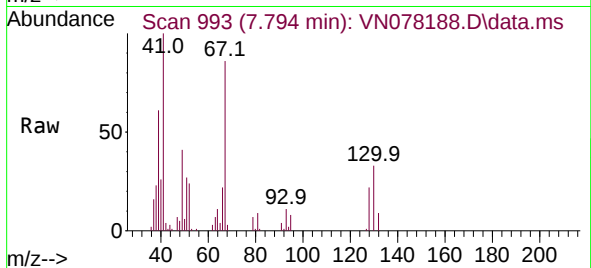




#41
Methacrylonitrile
Concen: 20.272 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

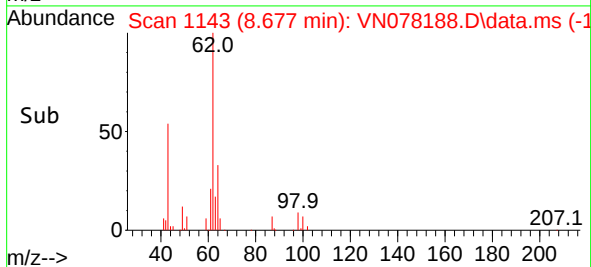
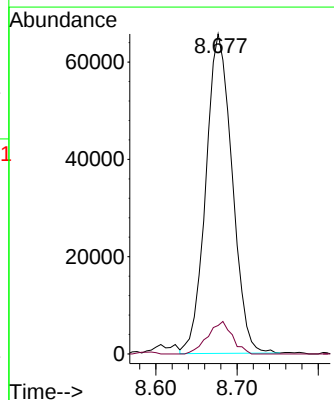
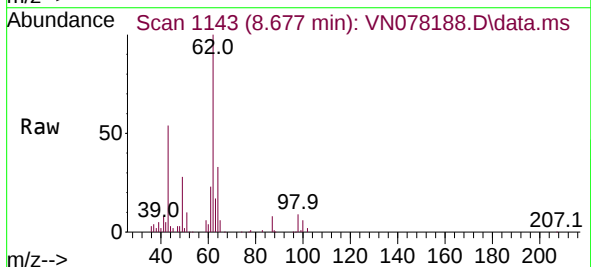
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

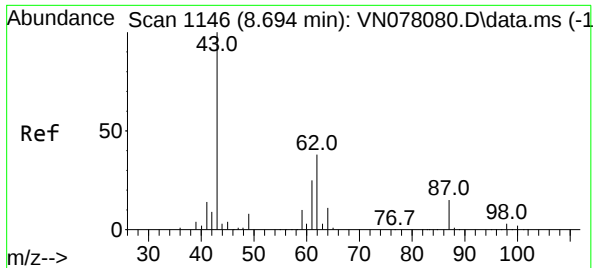
Tgt Ion:	41	Resp:	65125
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.6	64.0
67	83.1	77.5	116.3
52	34.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.048 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion:	62	Resp:	147927
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

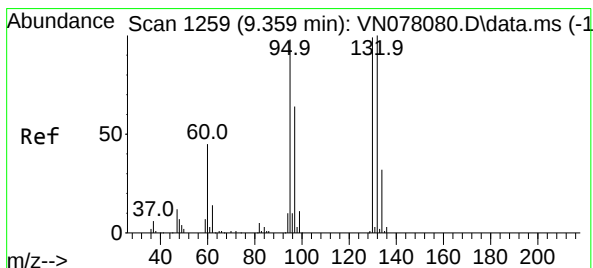
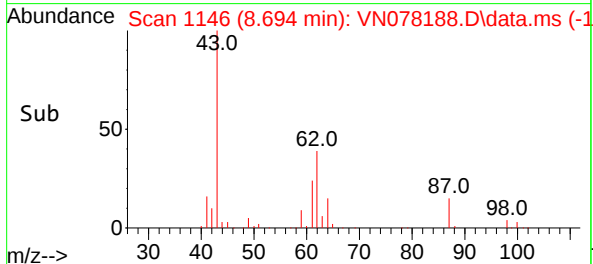
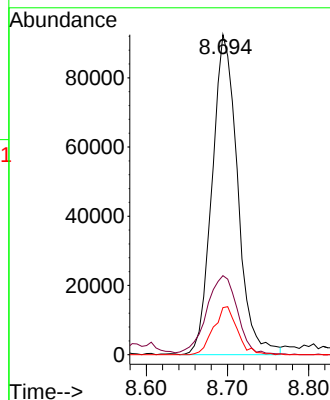
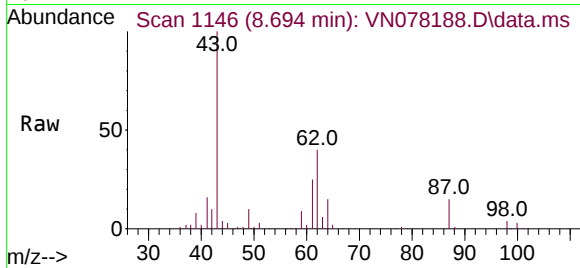




#43
Isopropyl Acetate
Concen: 17.813 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

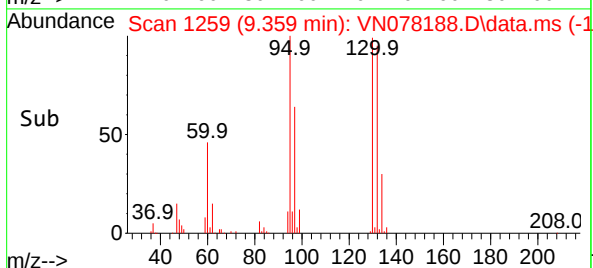
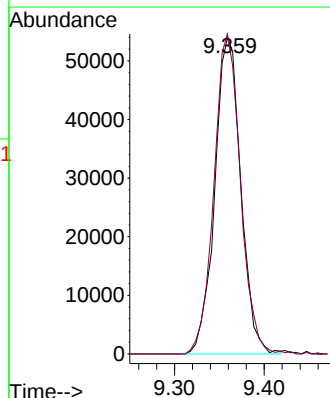
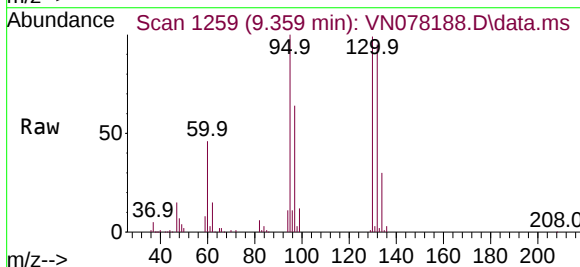
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

Tgt Ion: 43 Resp: 201905
Ion Ratio Lower Upper
43 100
61 30.0 24.7 37.1
87 14.0 14.6 21.8#



#44
Trichloroethene
Concen: 18.213 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion:130 Resp: 108944
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.171 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

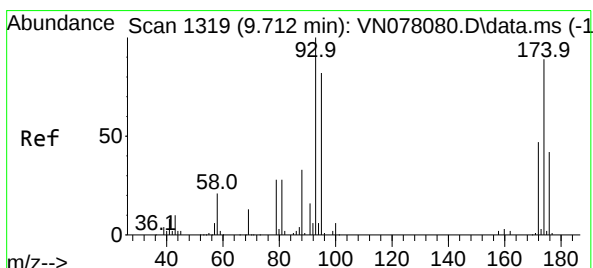
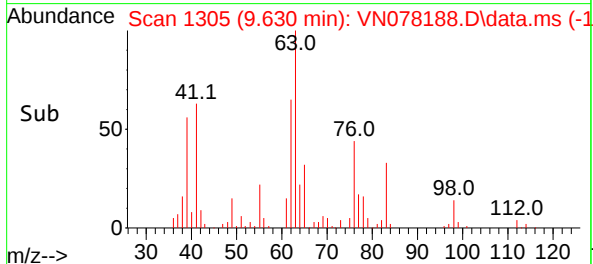
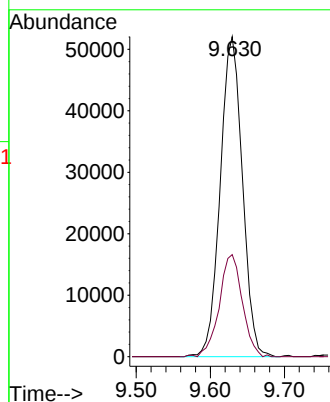
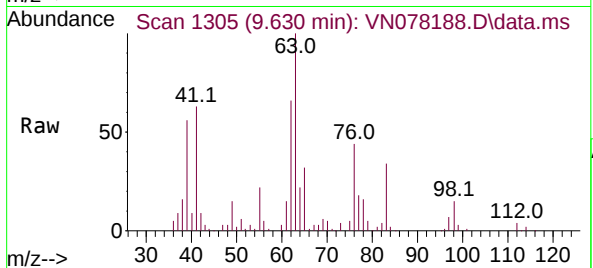
VN0613MBS02

Tgt Ion: 63 Resp: 108034

Ion Ratio Lower Upper

63 100

65 31.9 23.9 35.9



#46

Dibromomethane

Concen: 18.638 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

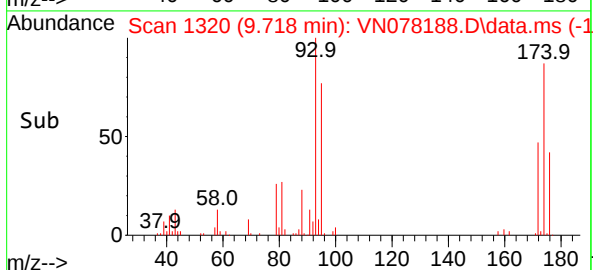
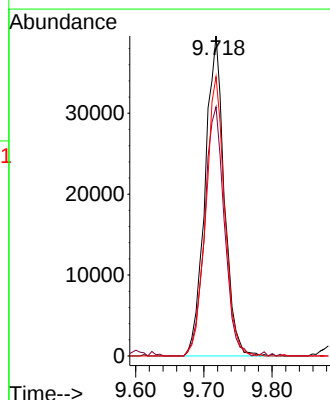
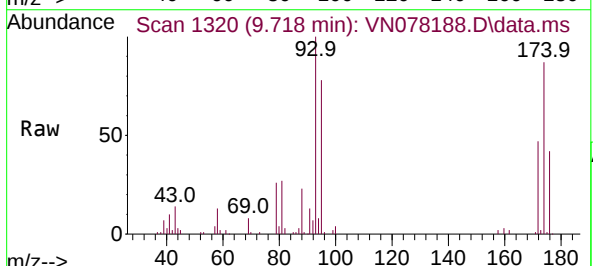
Tgt Ion: 93 Resp: 77361

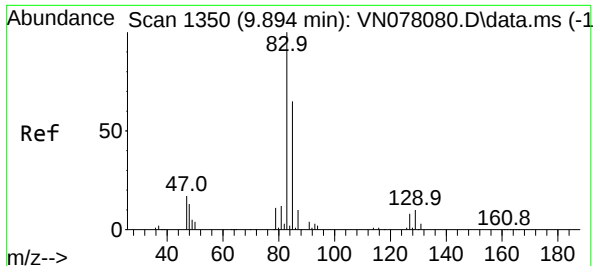
Ion Ratio Lower Upper

93 100

95 80.0 63.8 95.8

174 85.7 65.6 98.4

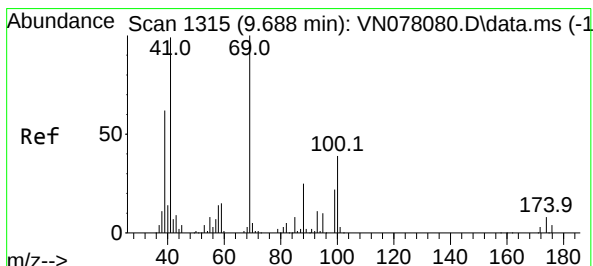
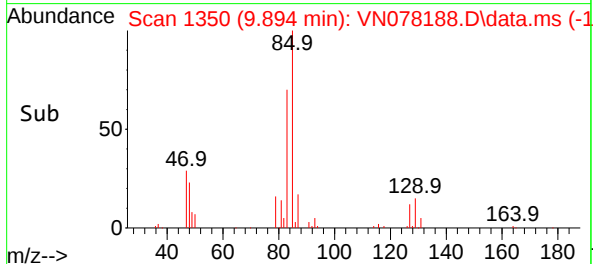
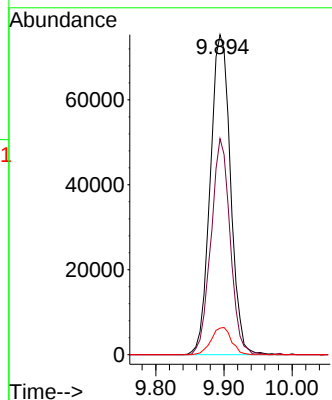
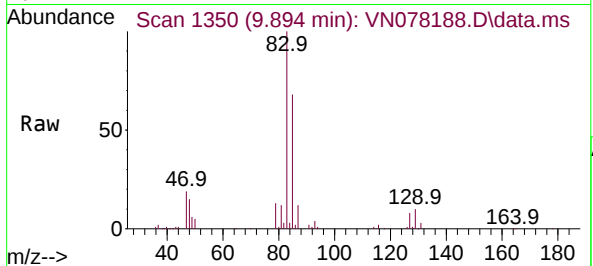




#47
Bromodichloromethane
Concen: 20.171 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

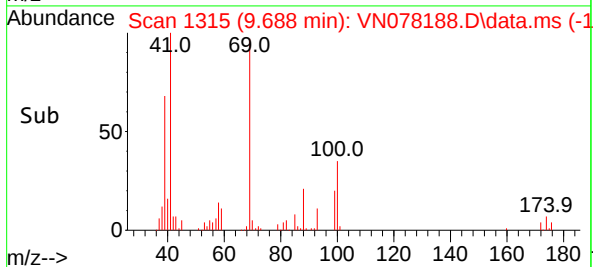
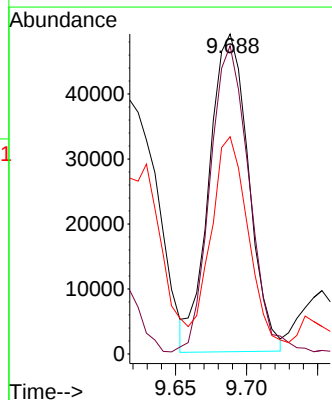
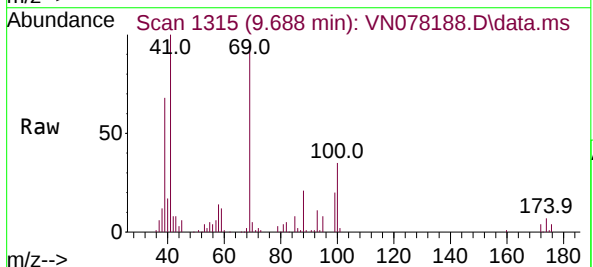
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

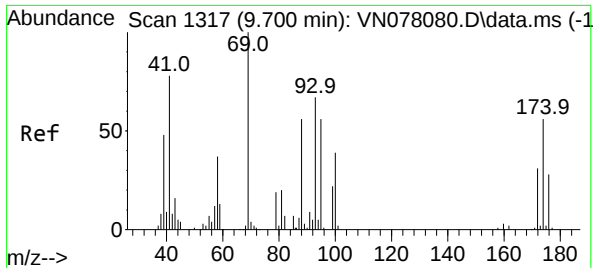
Tgt Ion: 83 Resp: 155523
Ion Ratio Lower Upper
83 100
85 67.5 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 19.916 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 41 Resp: 94737
Ion Ratio Lower Upper
41 100
69 97.4 90.4 135.6
39 66.1 54.6 81.8





#49

1,4-Dioxane

Concen: 384.223 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

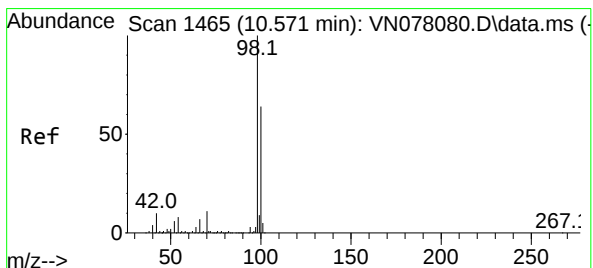
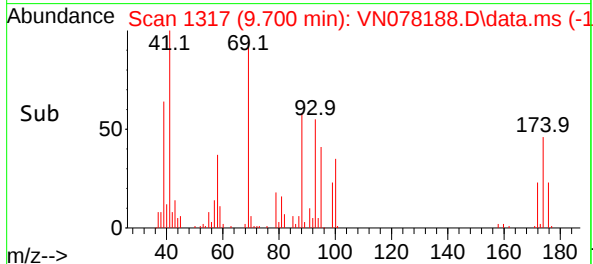
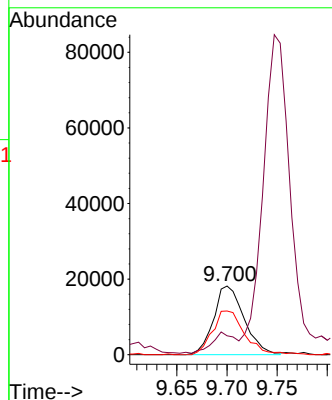
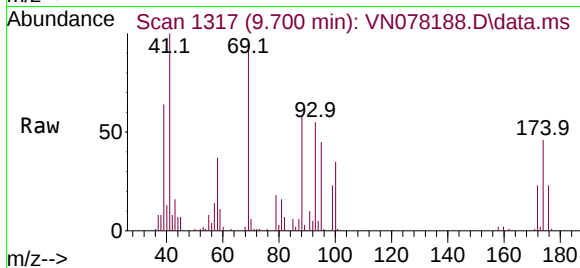
Tgt Ion: 88 Resp: 38413

Ion Ratio Lower Upper

88 100

43 23.3 17.0 25.6

58 67.4 47.0 70.4



#50

Toluene-d8

Concen: 49.195 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078188.D

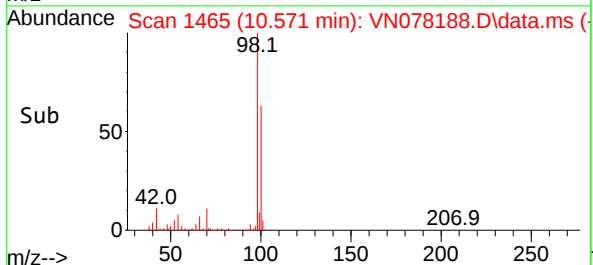
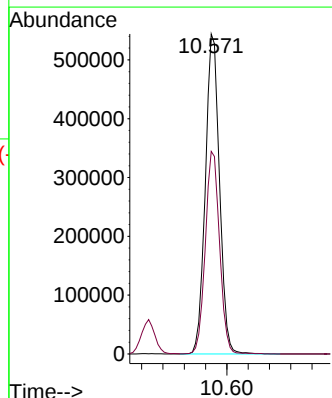
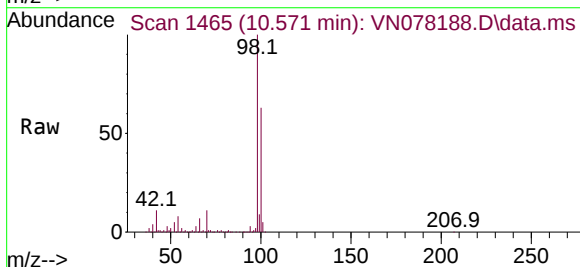
Acq: 13 Jun 2023 16:05

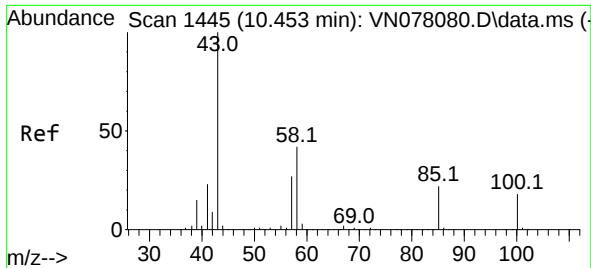
Tgt Ion: 98 Resp: 1003116

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

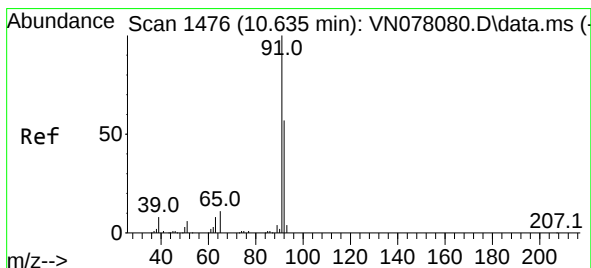
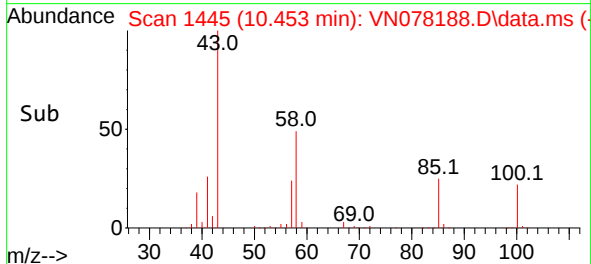
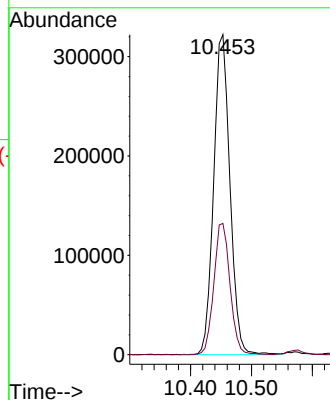
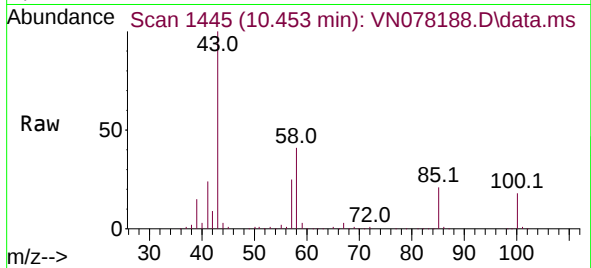




#51
4-Methyl-2-Pentanone
Concen: 100.307 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

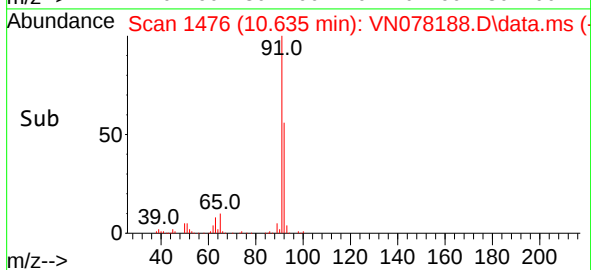
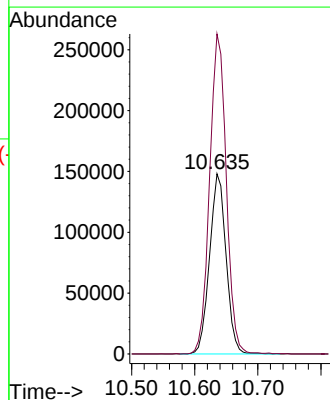
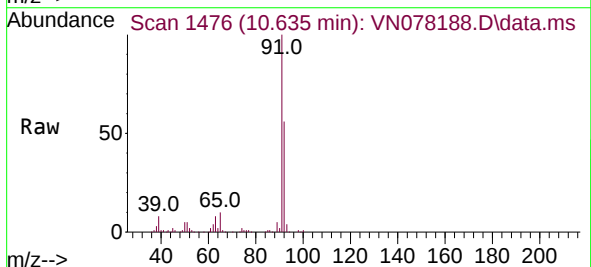
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

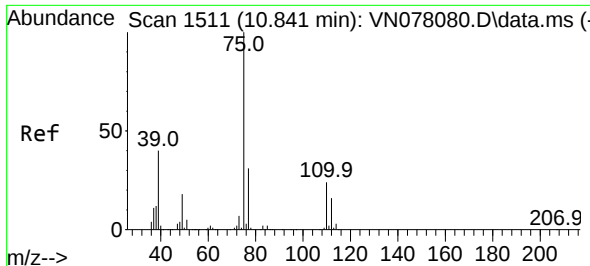
Tgt Ion: 43 Resp: 598714
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8



#52
Toluene
Concen: 18.769 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 92 Resp: 268401
Ion Ratio Lower Upper
92 100
91 179.5 137.4 206.0

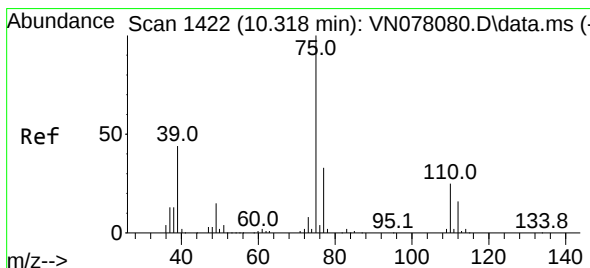
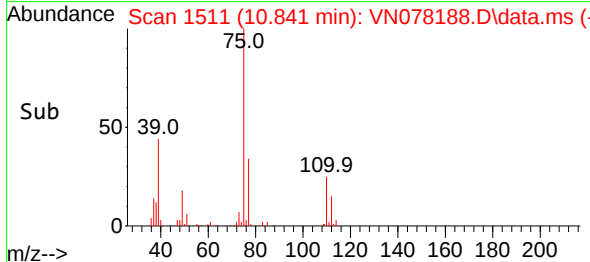
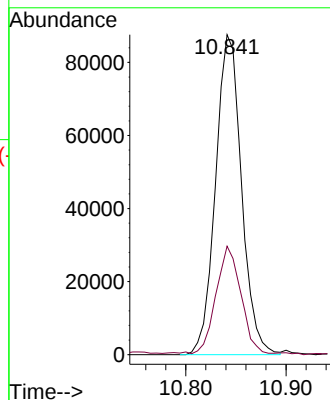
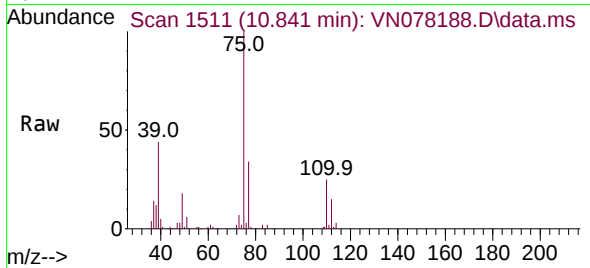




#53
t-1,3-Dichloropropene
Concen: 19.599 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

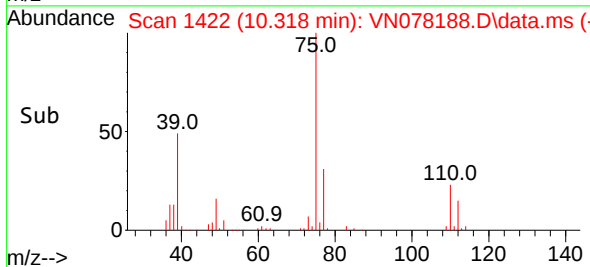
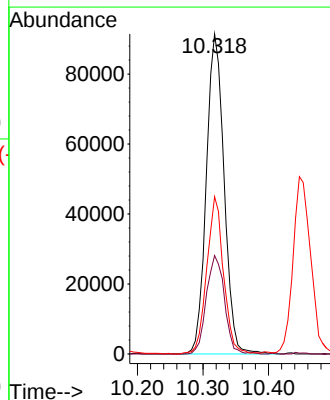
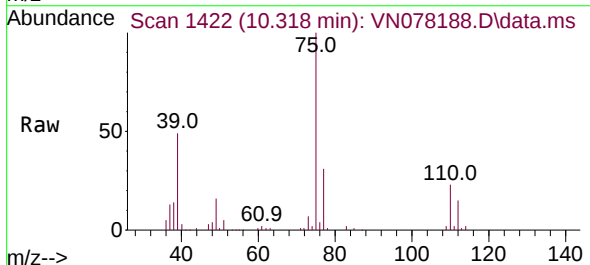
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

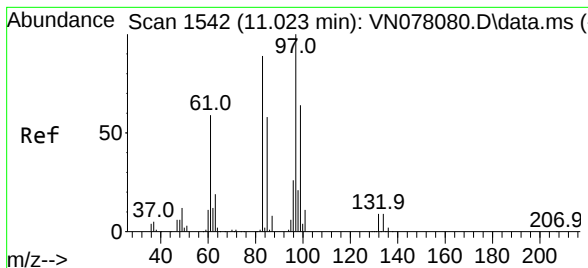
Tgt Ion: 75 Resp: 157379
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.473 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 75 Resp: 172848
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 49.1 31.6 47.4#

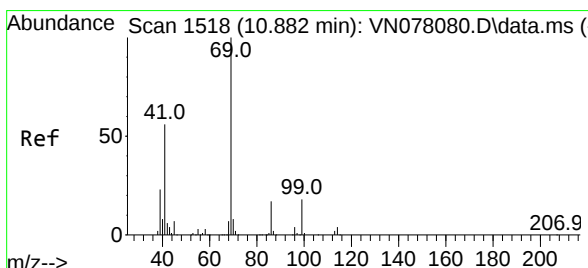
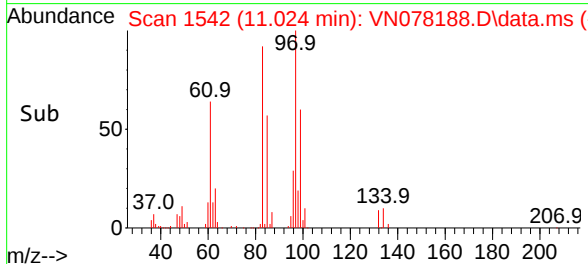
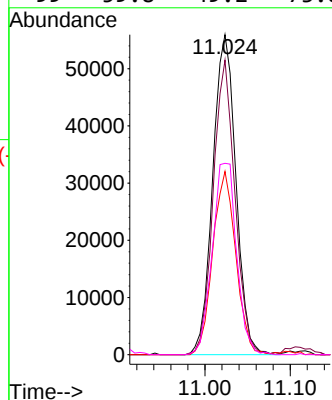
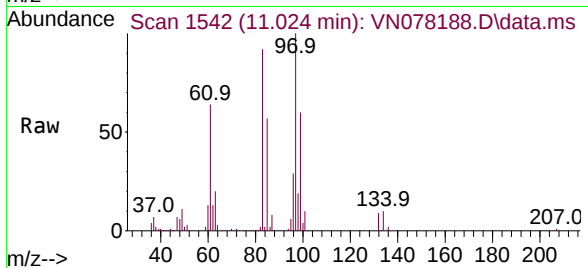




#55
1,1,2-Trichloroethane
Concen: 19.510 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

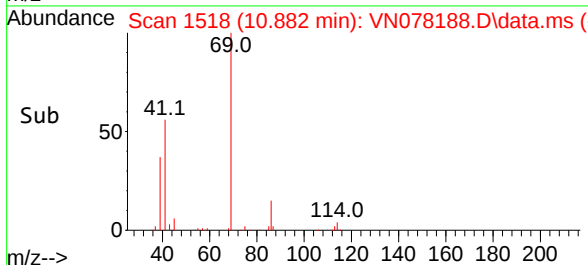
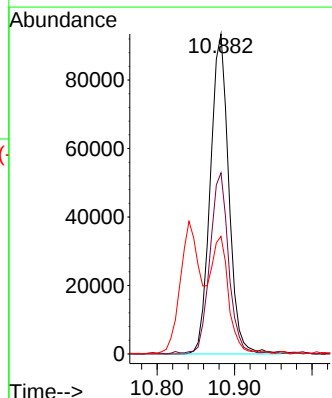
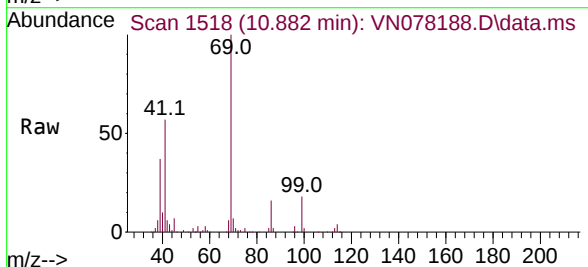
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

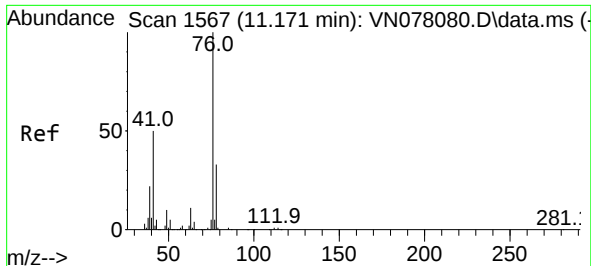
Tgt Ion:	97	Resp:	105545
Ion	Ratio	Lower	Upper
97	100		
83	92.1	65.1	97.7
85	57.3	43.4	65.2
99	59.8	49.2	73.8



#56
Ethyl methacrylate
Concen: 19.593 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion:	69	Resp:	154338
Ion	Ratio	Lower	Upper
69	100		
41	56.2	39.6	59.4
39	31.8	28.6	43.0

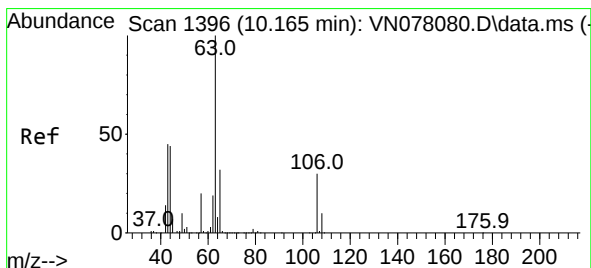
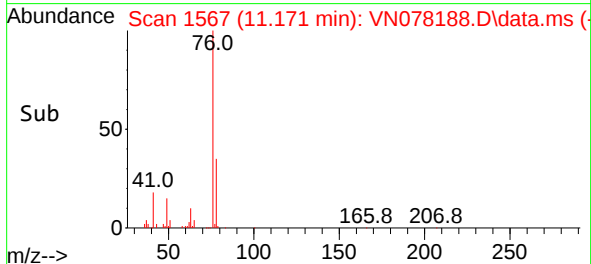
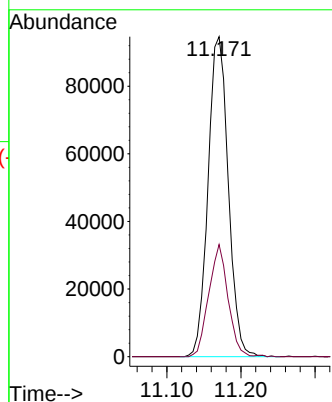
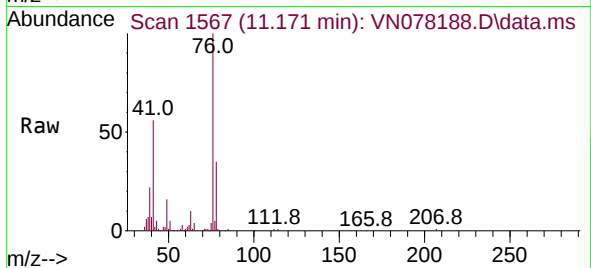




#57
1,3-Dichloropropane
Concen: 19.645 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

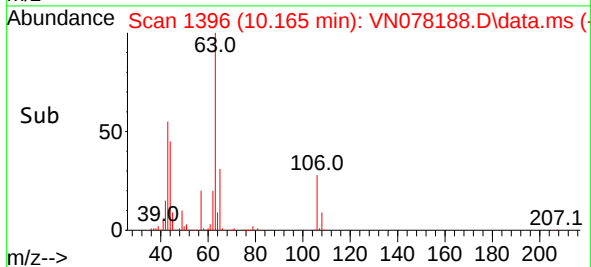
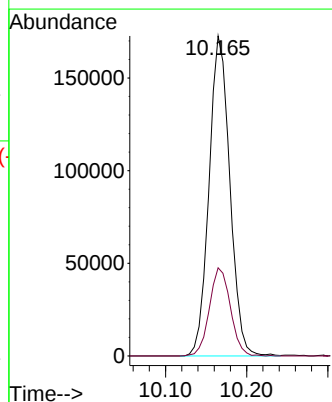
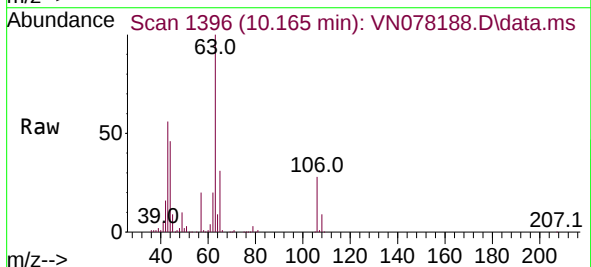
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

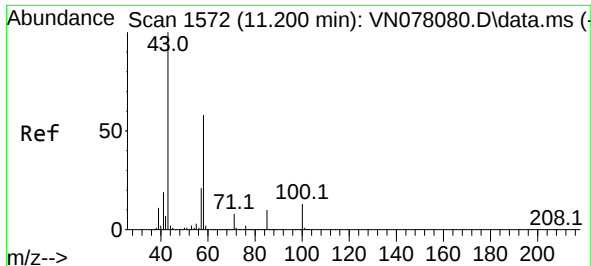
Tgt Ion: 76 Resp: 179388
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 96.573 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 63 Resp: 307302
Ion Ratio Lower Upper
63 100
106 27.8 26.2 39.4

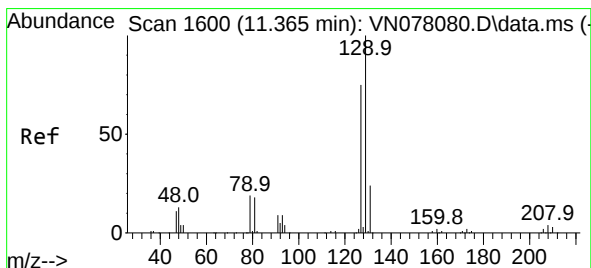
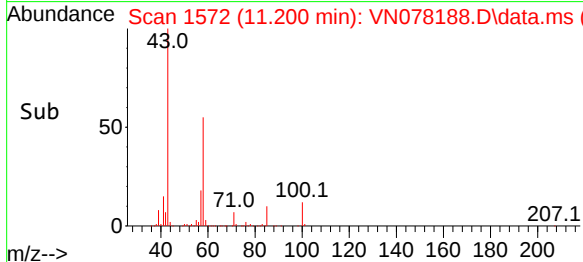
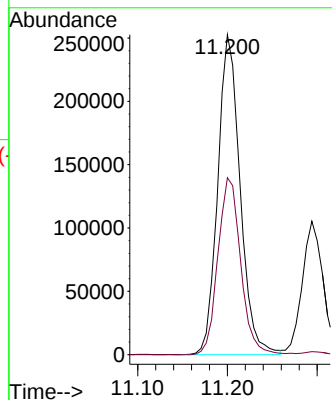
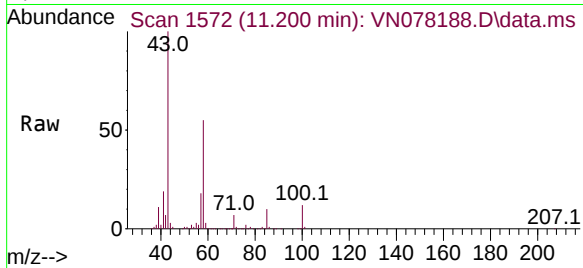




#59
2-Hexanone
Concen: 105.237 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

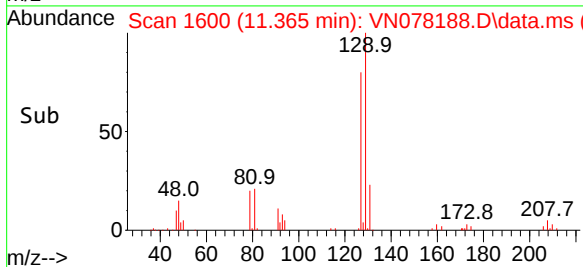
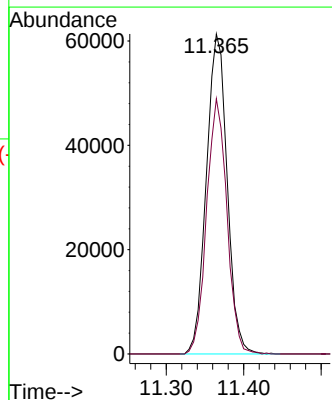
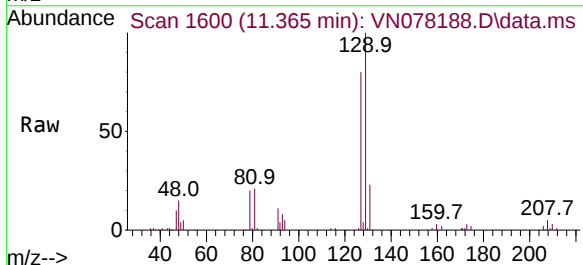
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

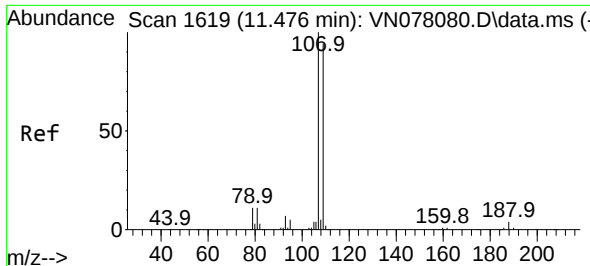
Tgt Ion: 43 Resp: 437366
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1



#60
Dibromochloromethane
Concen: 19.277 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 129 Resp: 114111
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

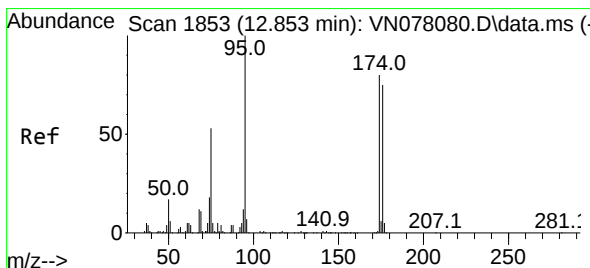
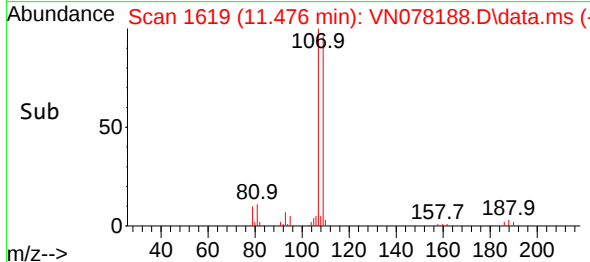
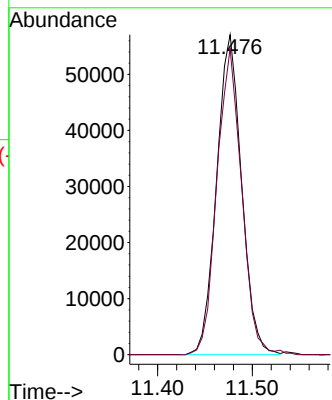
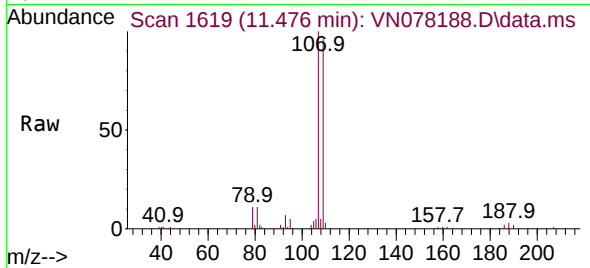




#61
1,2-Dibromoethane
Concen: 18.416 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

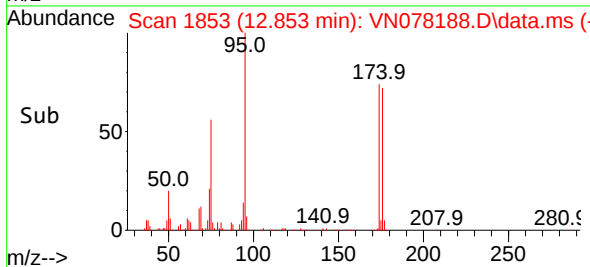
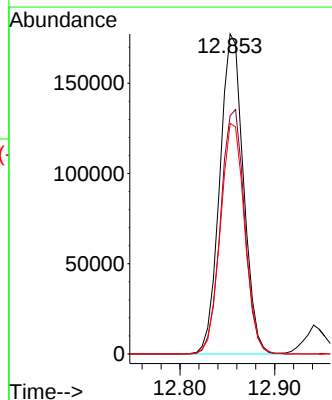
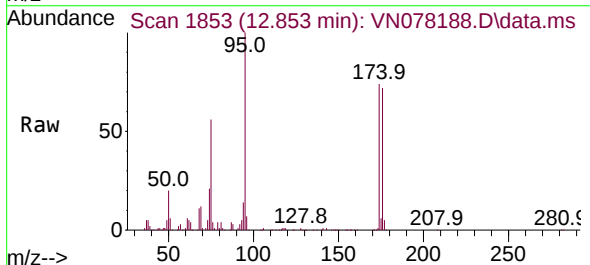
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

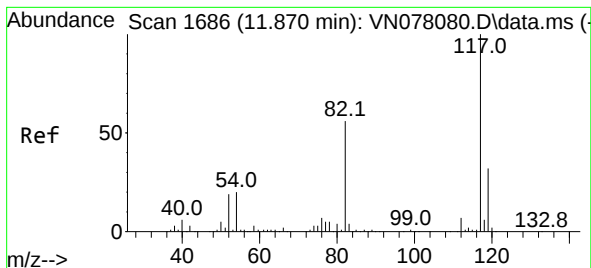
Tgt Ion:107 Resp: 104548
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.683 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 95 Resp: 308603
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

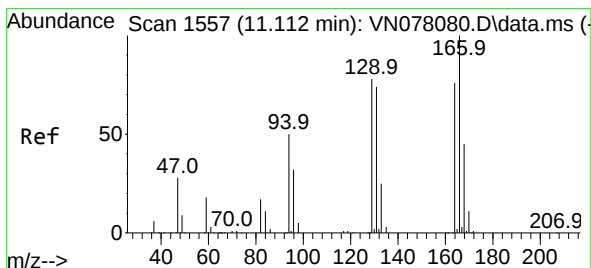
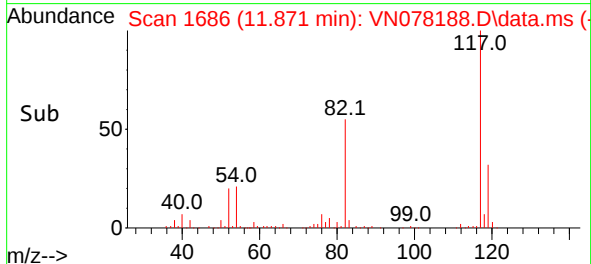
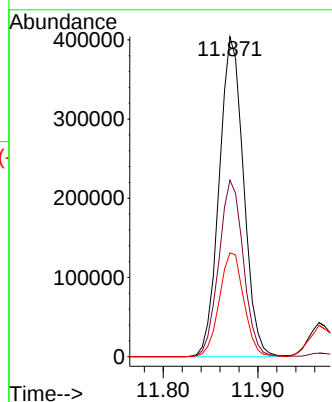
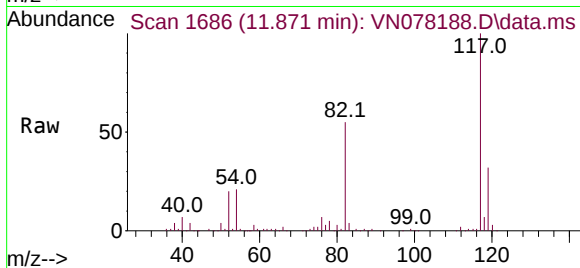
Tgt Ion:117 Resp: 722287

Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 19.127 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Tgt Ion:164 Resp: 92164

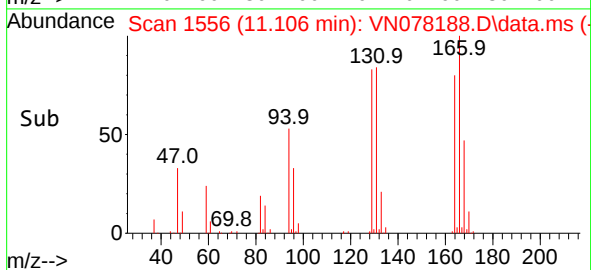
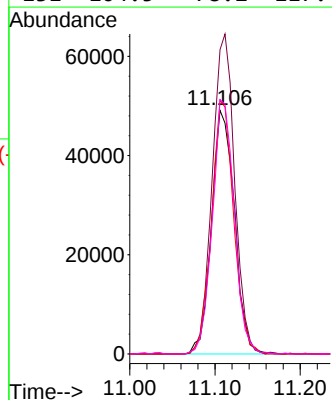
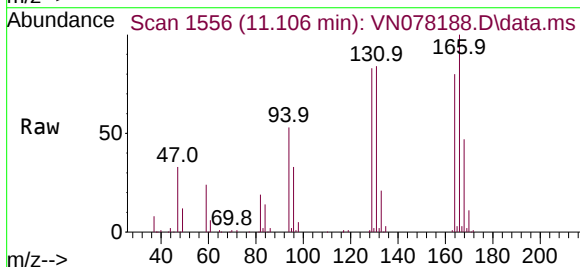
Ion Ratio Lower Upper

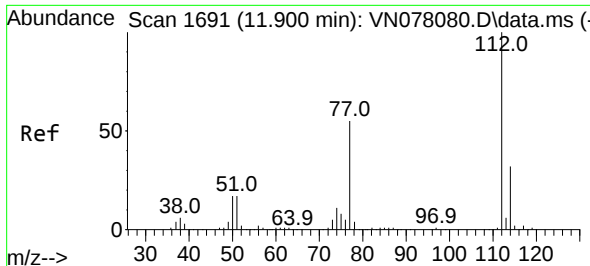
164 100

166 124.9 101.4 152.0

129 104.2 82.4 123.6

131 104.5 78.2 117.4

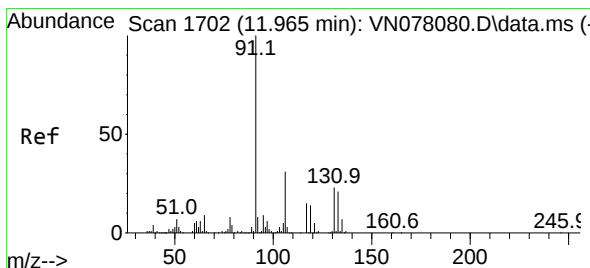
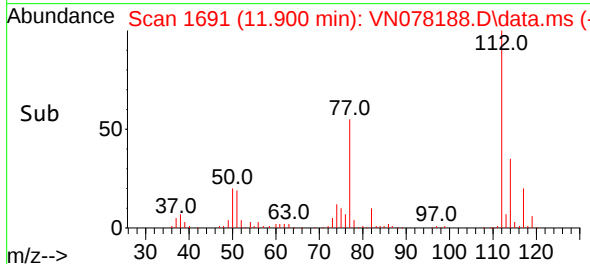
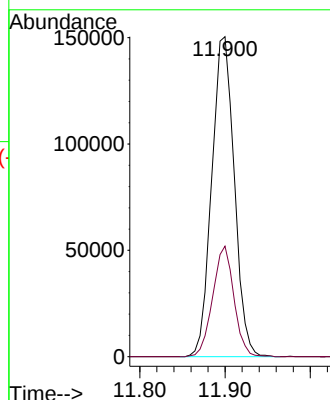
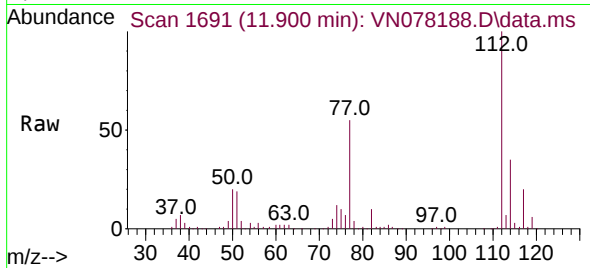




#65
Chlorobenzene
Concen: 17.873 ug/l
RT: 11.900 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

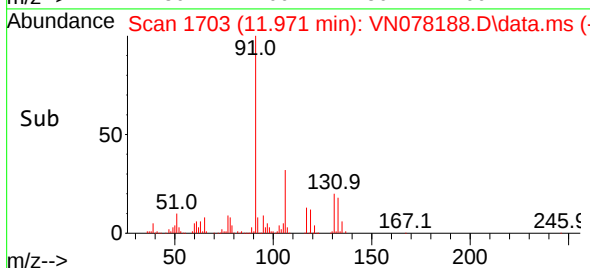
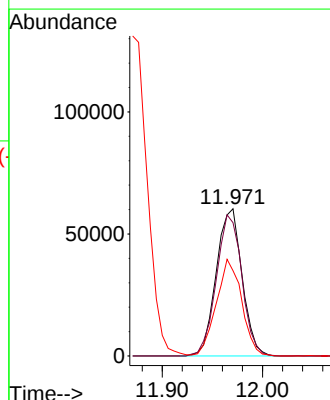
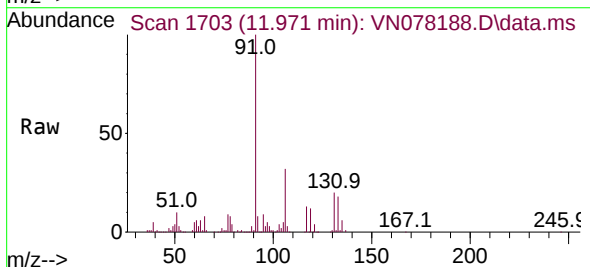
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

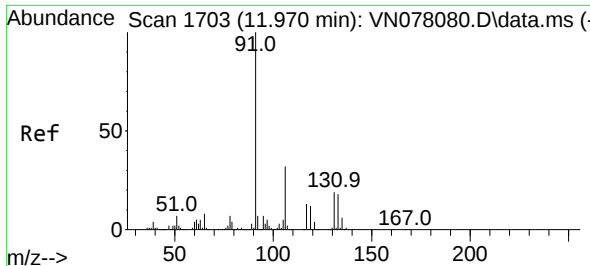
Tgt Ion:112 Resp: 276458
Ion Ratio Lower Upper
112 100
114 34.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.953 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion:131 Resp: 107829
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 64.5 34.1 102.2

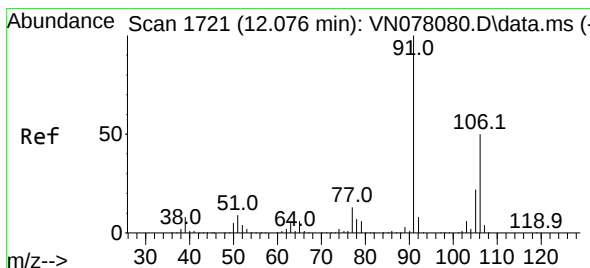
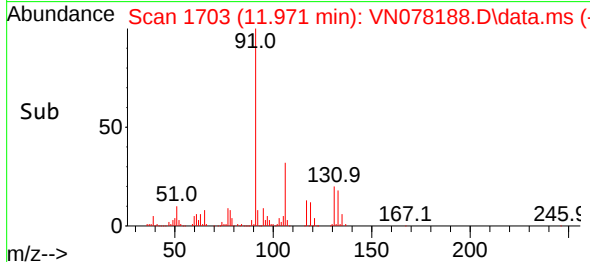
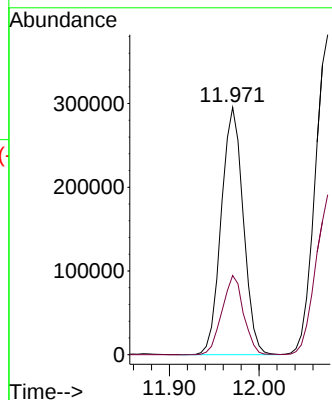
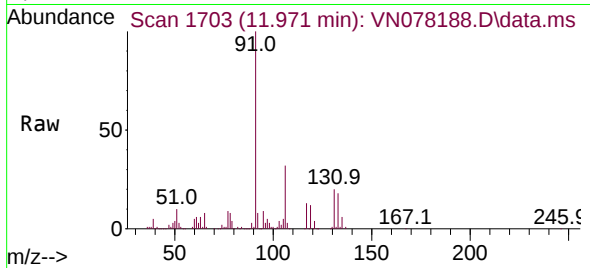




#67
Ethyl Benzene
Concen: 18.864 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

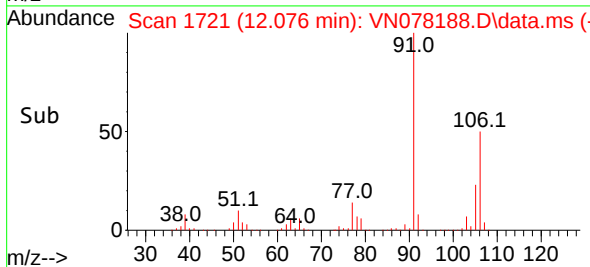
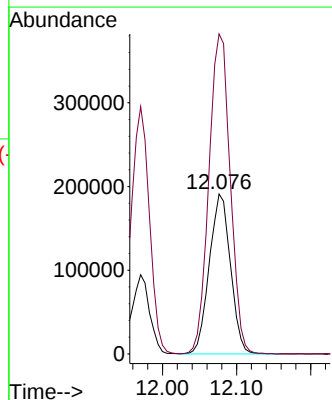
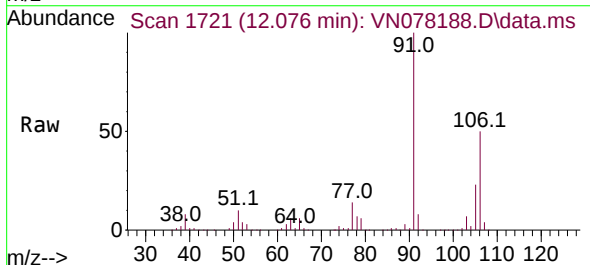
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

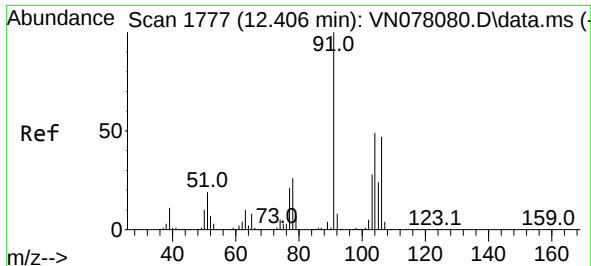
Tgt Ion: 91 Resp: 503471
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 37.273 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 106 Resp: 379123
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4





#69

o-Xylene

Concen: 18.980 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

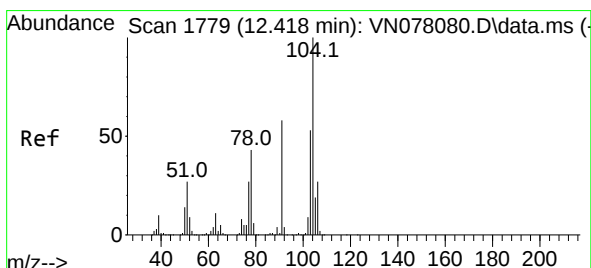
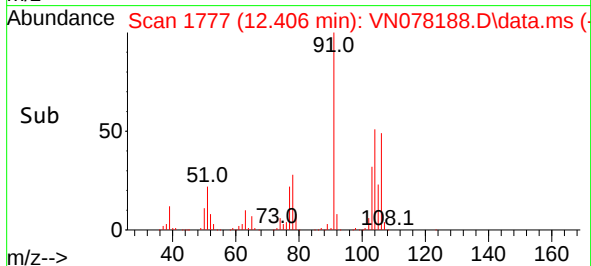
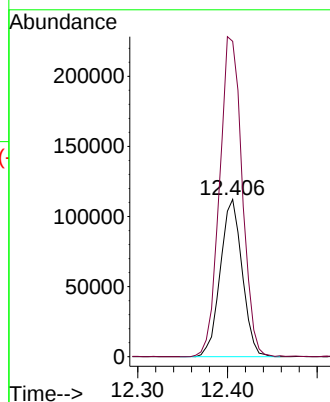
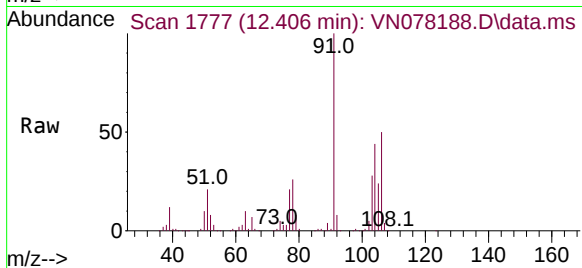
VN0613MBS02

Tgt Ion:106 Resp: 189585

Ion Ratio Lower Upper

106 100

91 210.7 105.2 315.5



#70

Styrene

Concen: 18.867 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

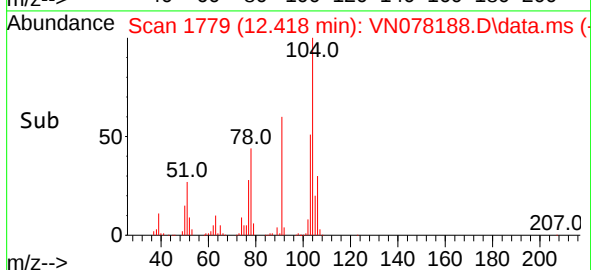
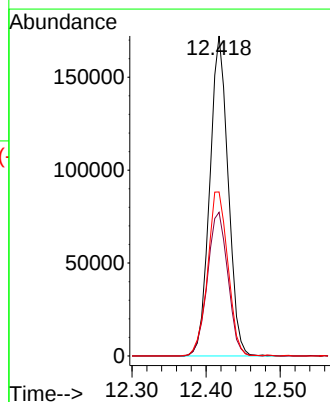
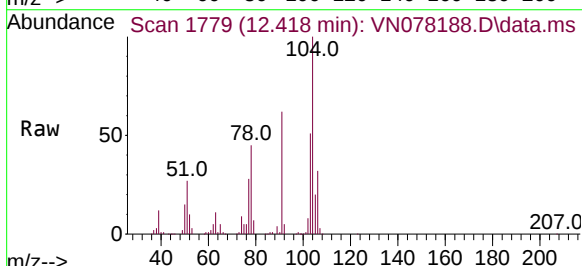
Tgt Ion:104 Resp: 296696

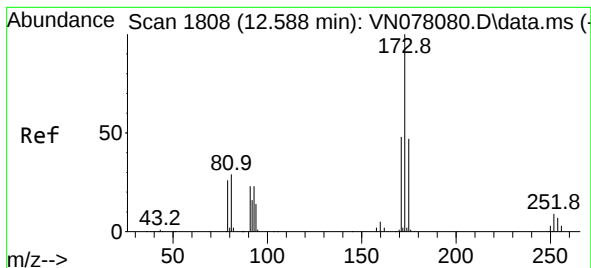
Ion Ratio Lower Upper

104 100

78 49.9 39.5 59.3

103 56.7 43.2 64.8





#71

Bromoform

Concen: 19.759 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

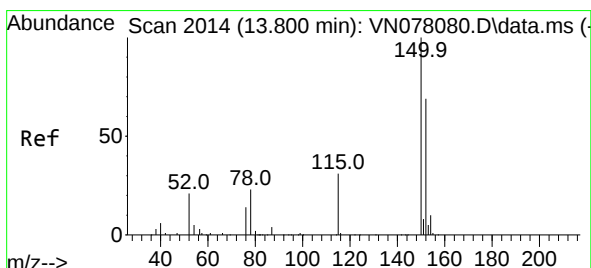
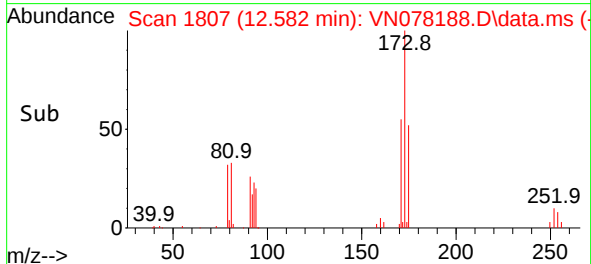
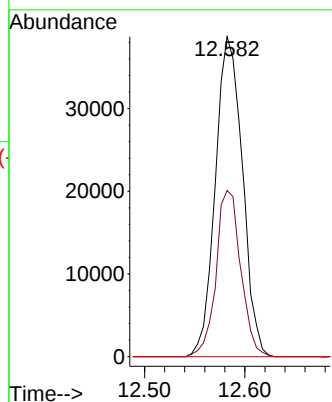
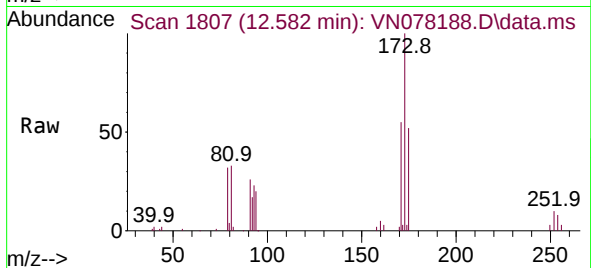
Tgt Ion:173 Resp: 72545

Ion Ratio Lower Upper

173 100

175 47.3 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

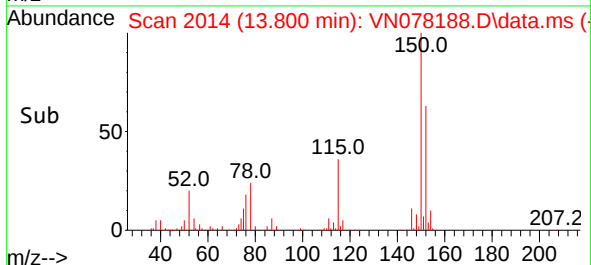
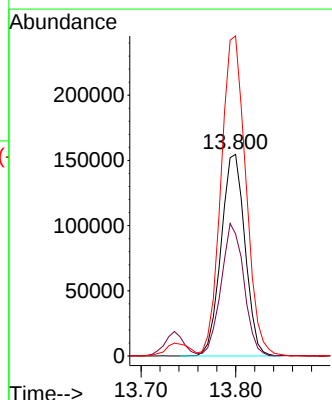
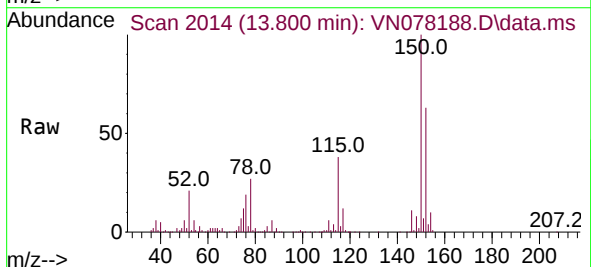
Tgt Ion:152 Resp: 271159

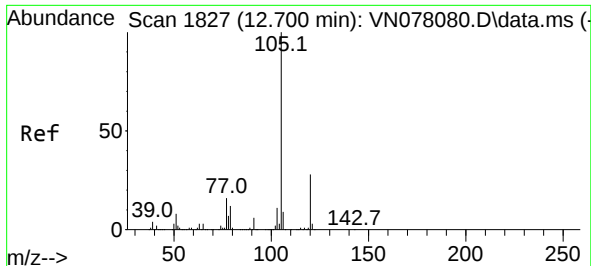
Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 164.9 0.0 355.8

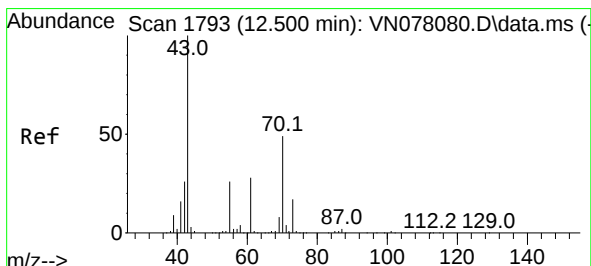
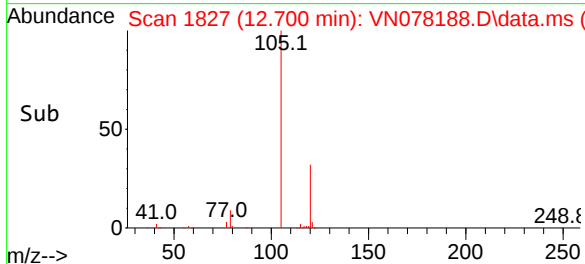
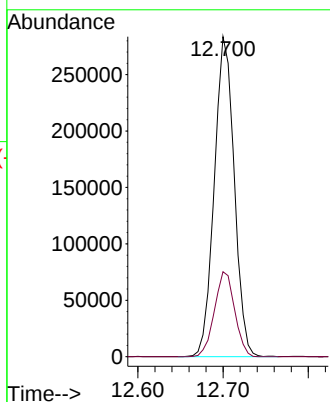
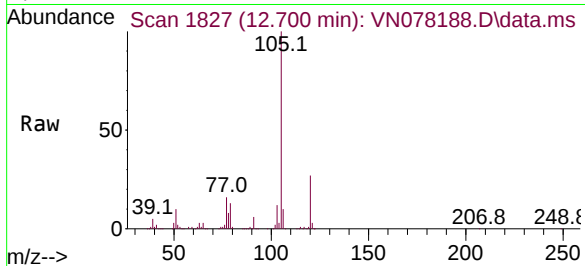




#73
Isopropylbenzene
Concen: 17.998 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

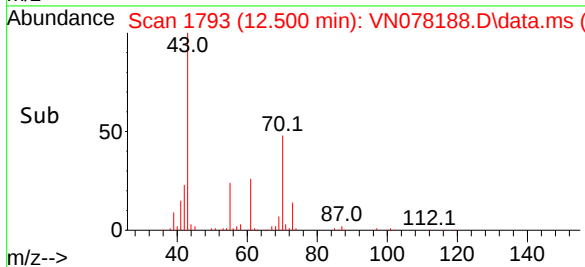
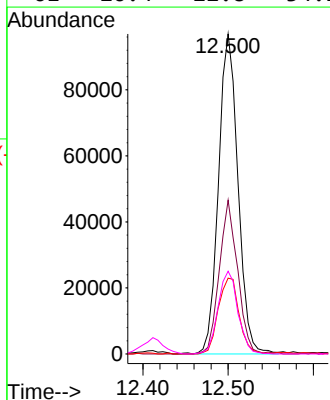
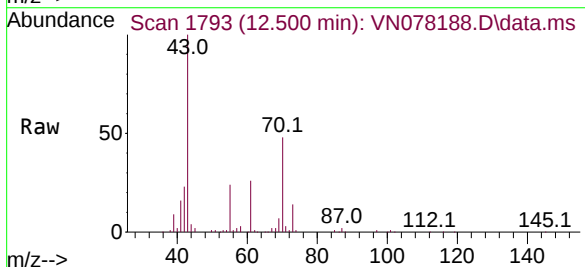
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

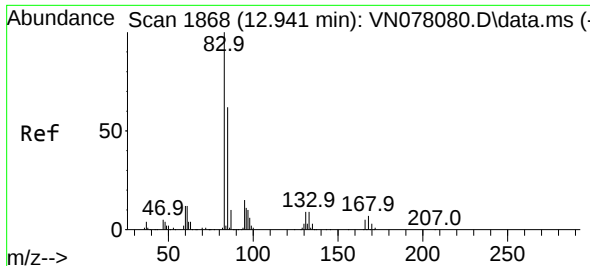
Tgt Ion:105 Resp: 461489
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1



#74
N-ethyl acetate
Concen: 18.241 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 43 Resp: 154026
Ion Ratio Lower Upper
43 100
70 45.4 43.4 65.2
55 25.4 21.4 32.0
61 26.4 22.8 34.2

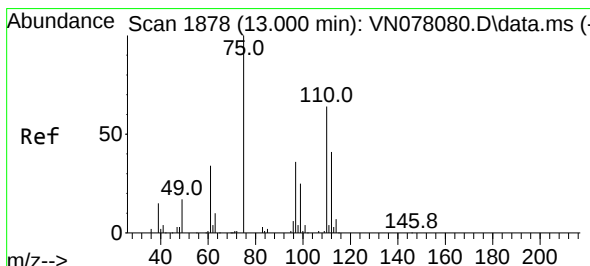
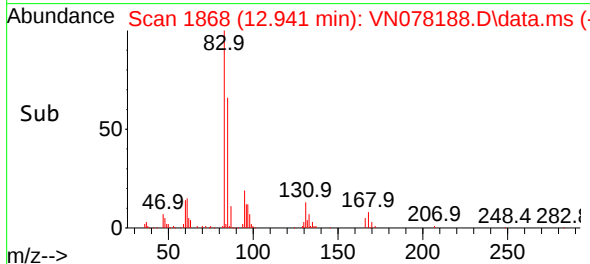
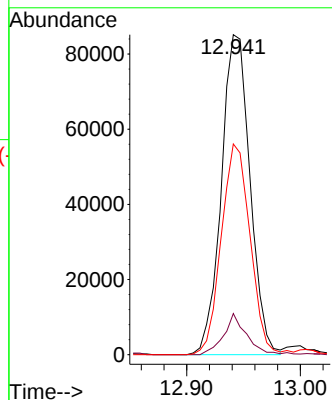
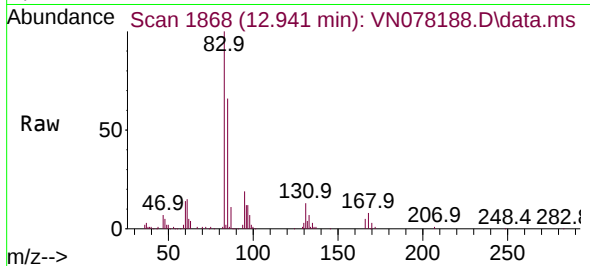




#75
1,1,2,2-Tetrachloroethane
Concen: 19.727 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

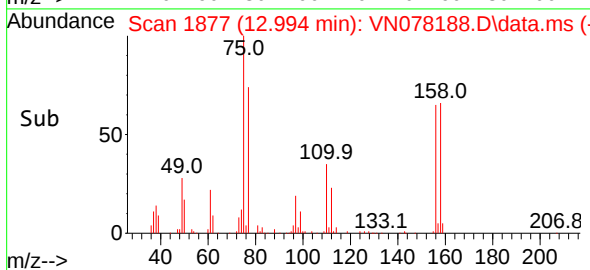
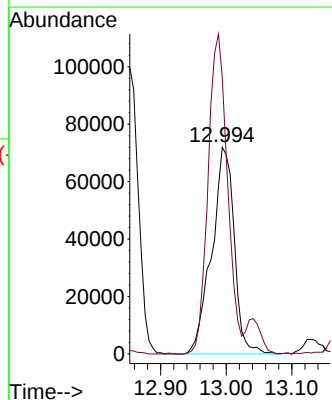
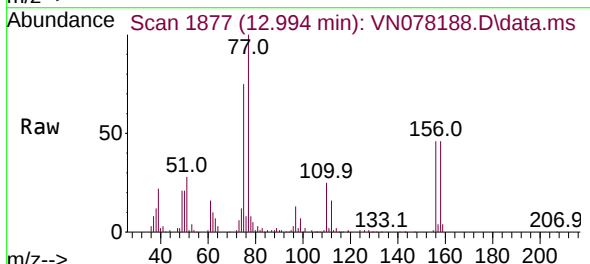
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

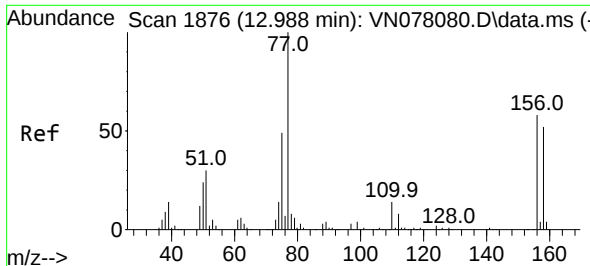
Tgt Ion: 83 Resp: 149573
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 66.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 26.745 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 75 Resp: 171445
Ion Ratio Lower Upper
75 100
77 132.9 84.5 253.5

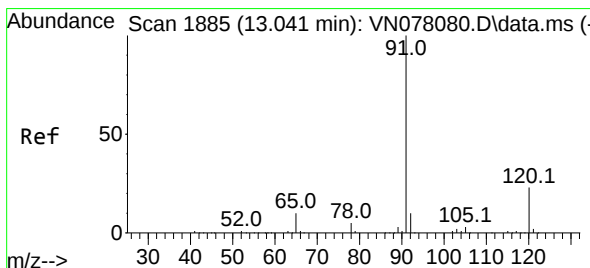
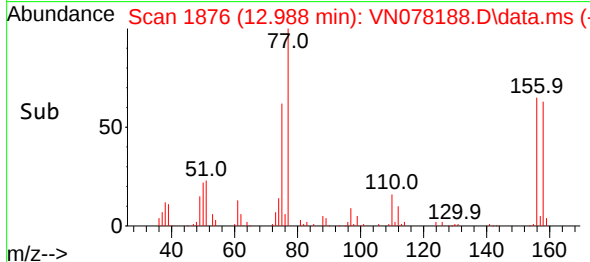
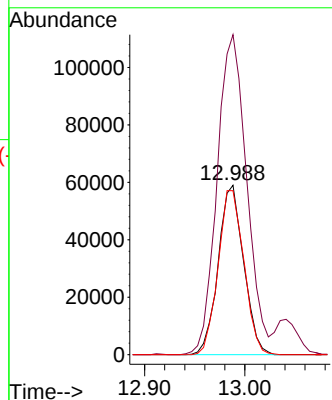
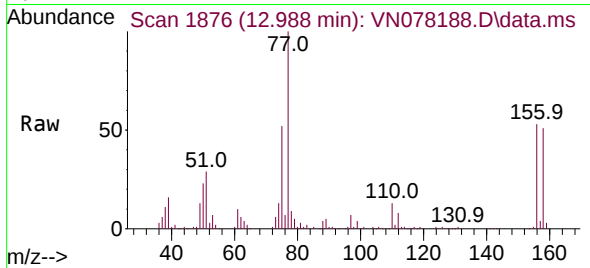




#77
Bromobenzene
Concen: 17.446 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

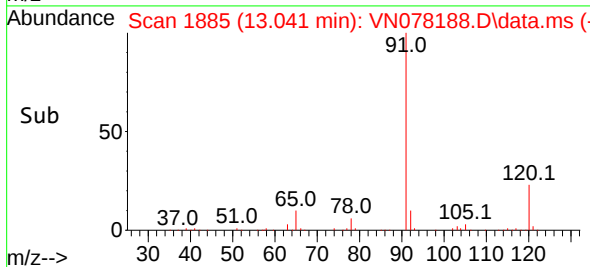
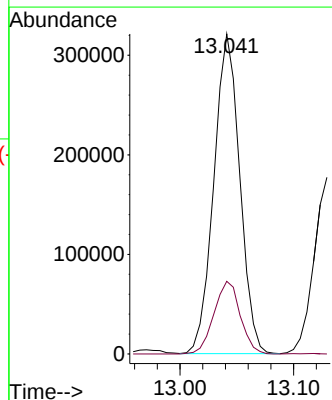
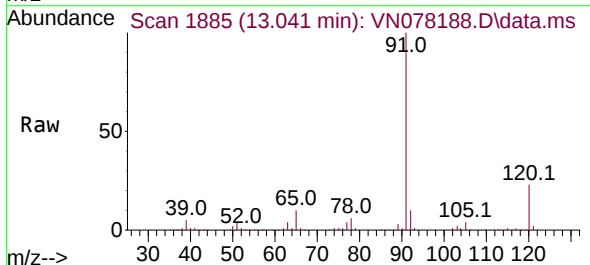
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

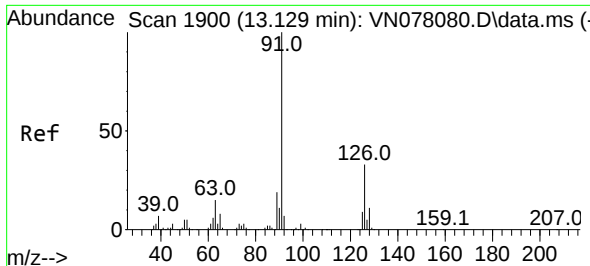
Tgt Ion:156 Resp: 103843
Ion Ratio Lower Upper
156 100
77 219.4 107.7 323.3
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 18.271 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 91 Resp: 508999
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

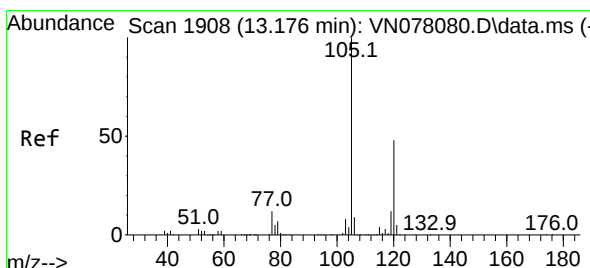
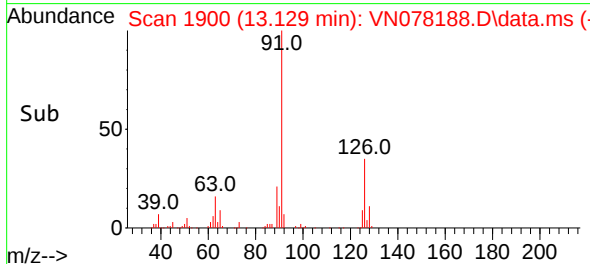
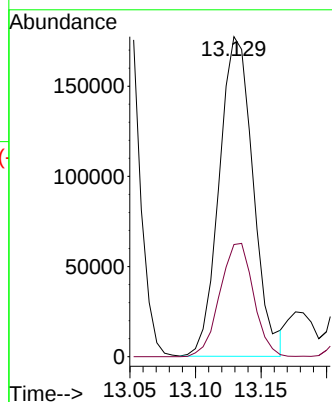
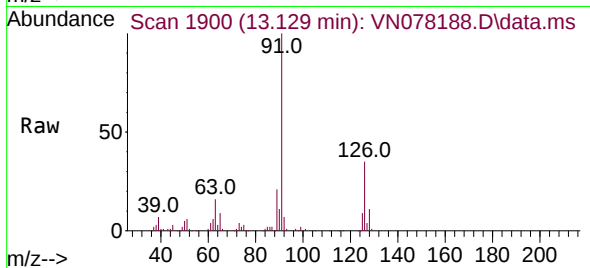




#79
2-Chlorotoluene
Concen: 17.729 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

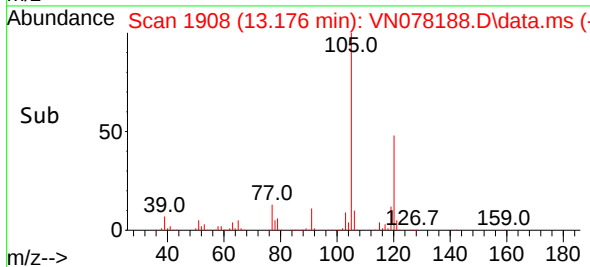
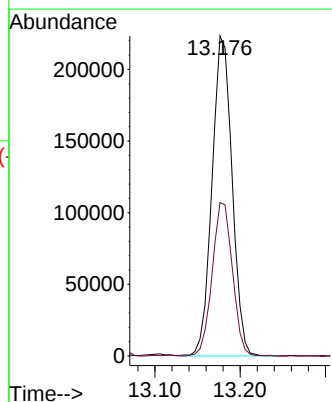
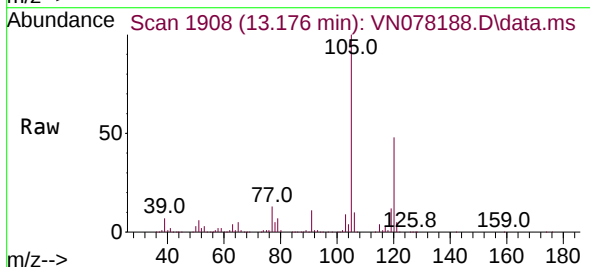
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

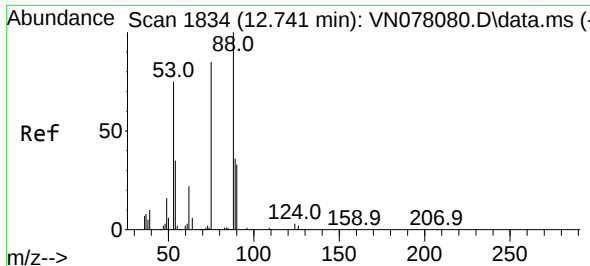
Tgt Ion: 91 Resp: 318827
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 17.590 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 105 Resp: 365166
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

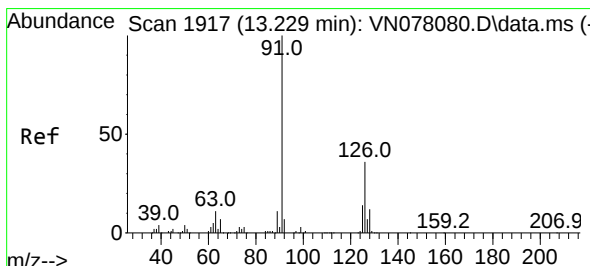
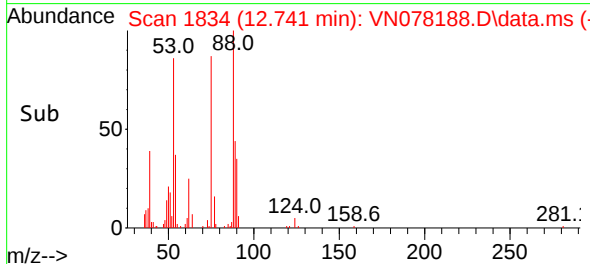
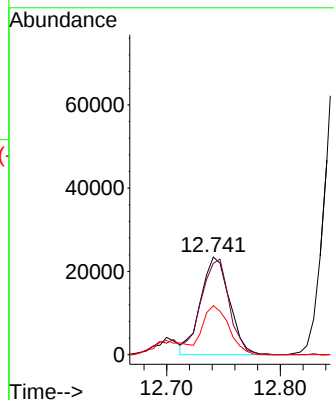
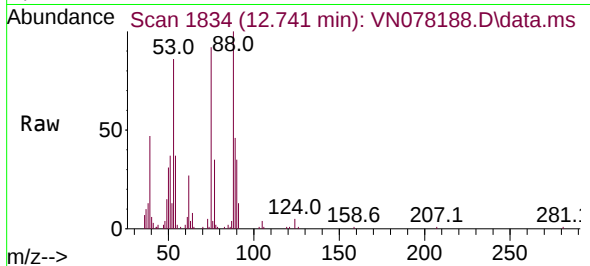




#81
trans-1,4-Dichloro-2-butene
Concen: 19.896 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

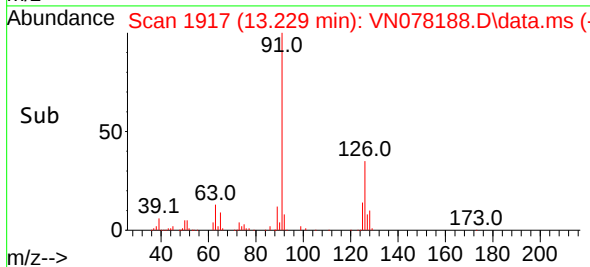
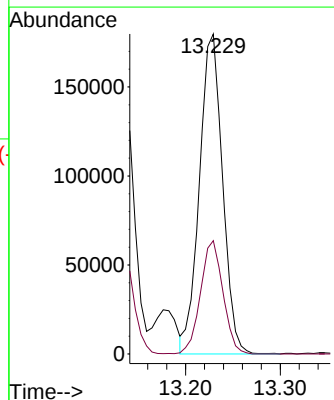
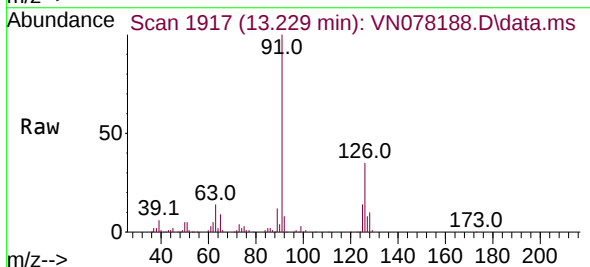
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

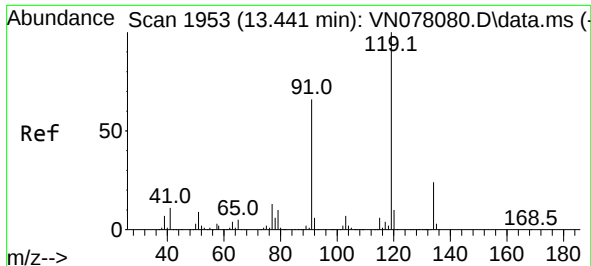
Tgt Ion: 75 Resp: 41512
Ion Ratio Lower Upper
75 100
53 108.3 67.4 101.2#
89 44.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.190 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 91 Resp: 305294
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0

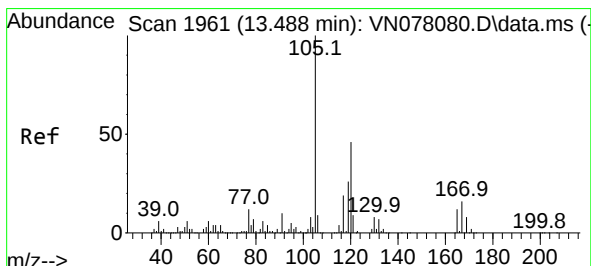
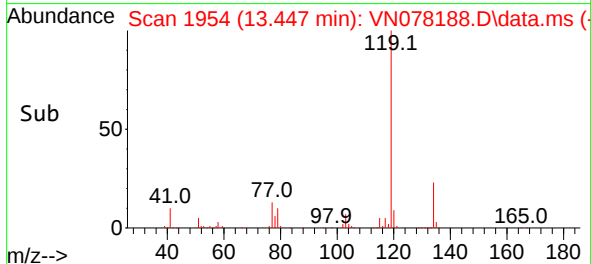
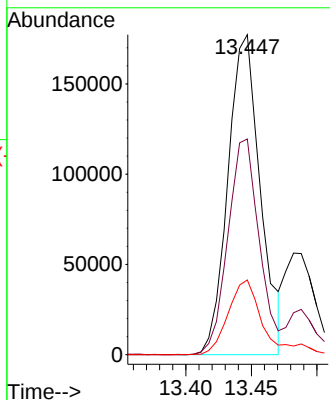
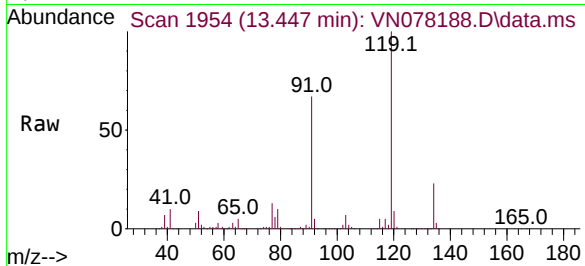




#83
tert-Butylbenzene
Concen: 16.899 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

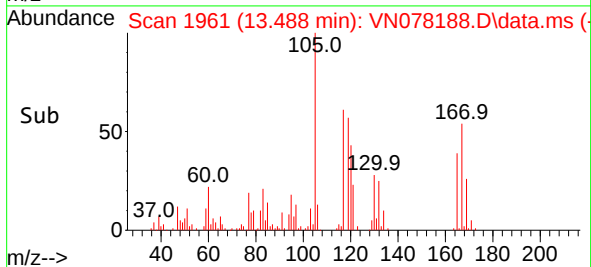
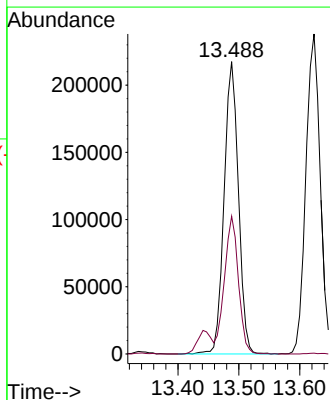
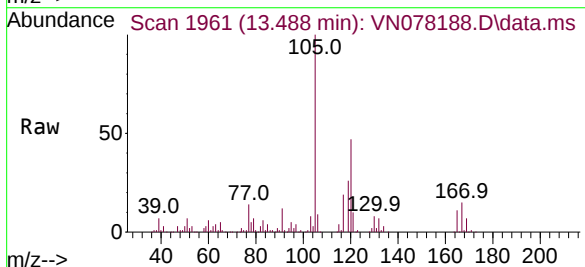
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

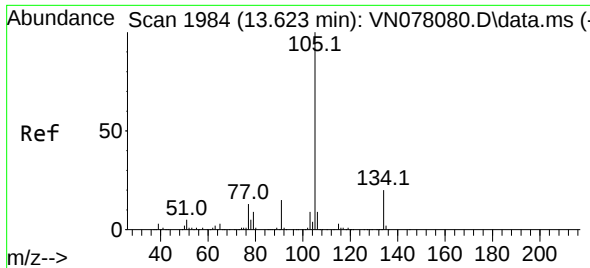
Tgt Ion:119 Resp: 304959
Ion Ratio Lower Upper
119 100
91 65.4 33.9 101.7
134 25.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 17.662 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion:105 Resp: 355494
Ion Ratio Lower Upper
105 100
120 46.2 22.0 66.0

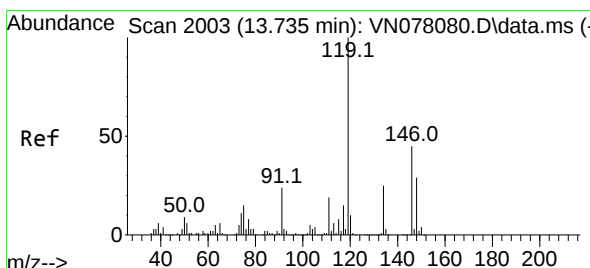
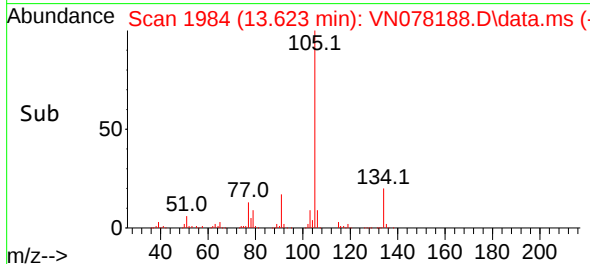
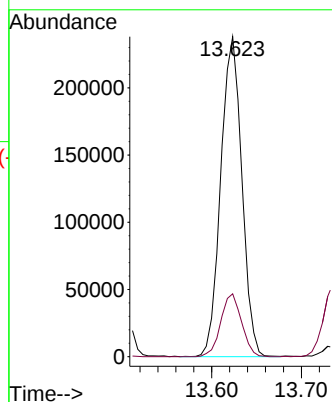
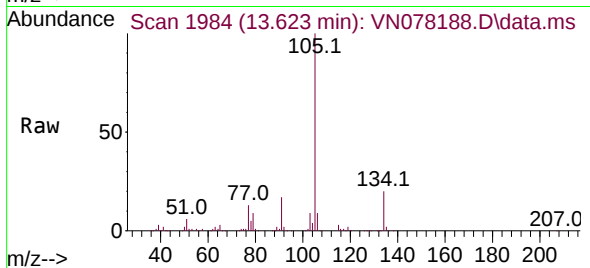




#85
 sec-Butylbenzene
 Concen: 16.454 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

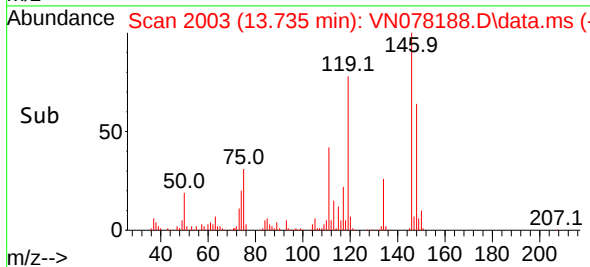
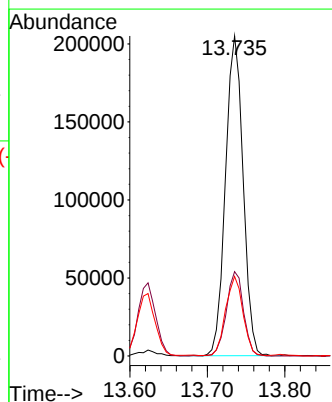
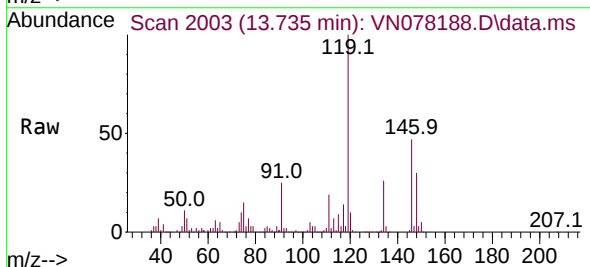
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613MBS02

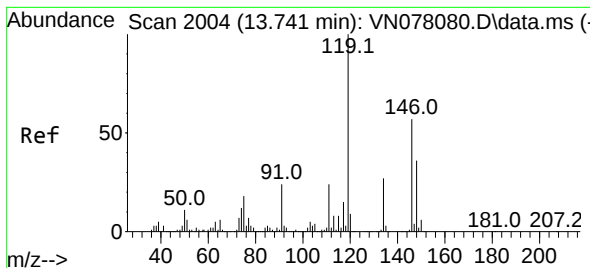
Tgt Ion:105 Resp: 388633
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 16.924 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078188.D
 Acq: 13 Jun 2023 16:05

Tgt Ion:119 Resp: 324385
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.979 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

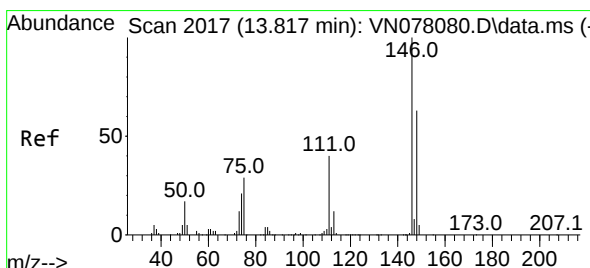
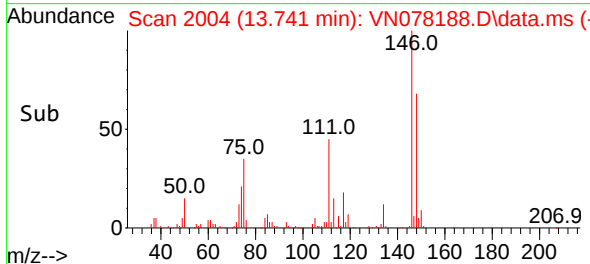
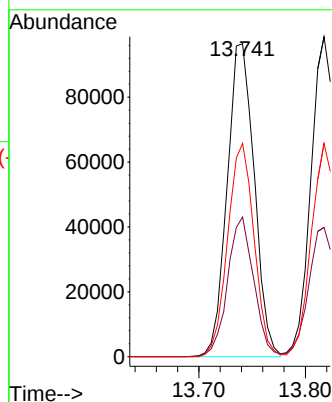
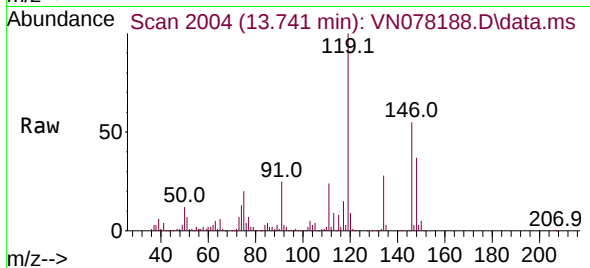
Tgt Ion:146 Resp: 170949

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

148 66.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.439 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

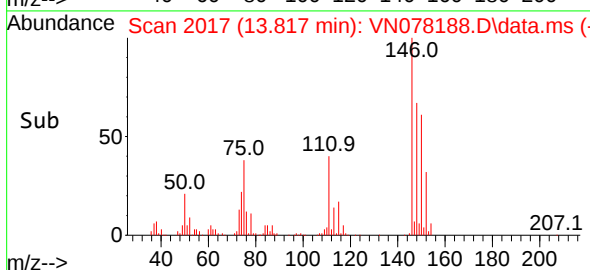
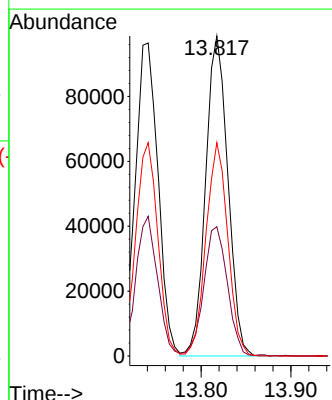
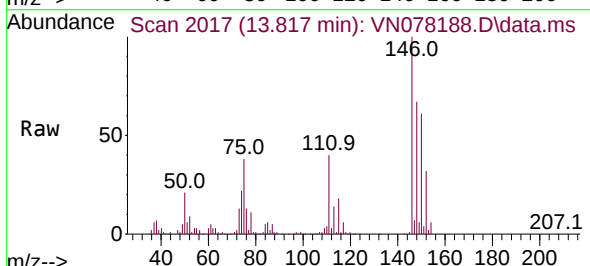
Tgt Ion:146 Resp: 169430

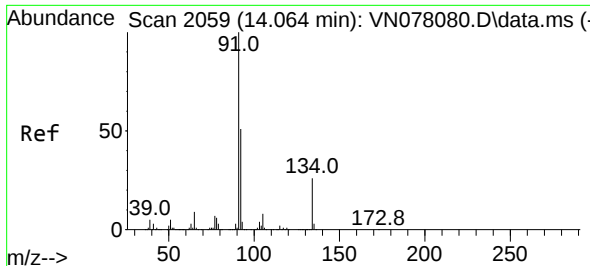
Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.8

148 65.2 31.6 94.8

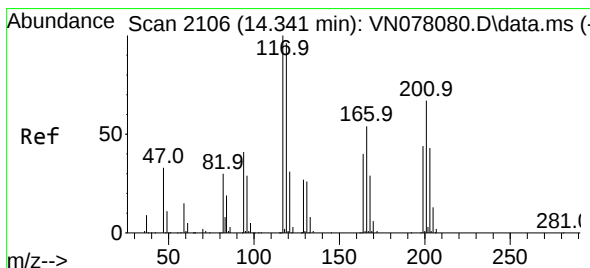
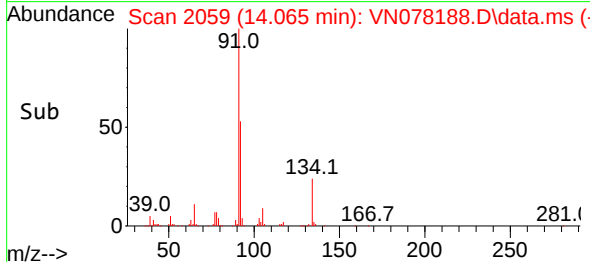
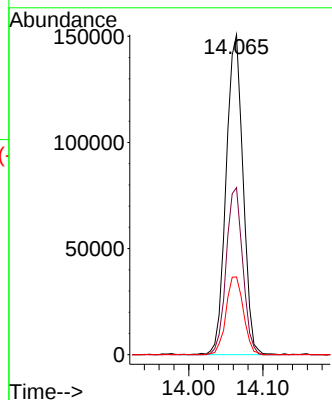
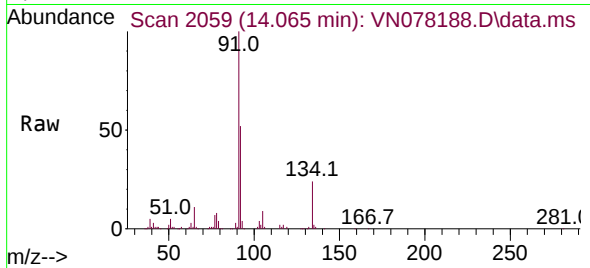




#89
n-Butylbenzene
Concen: 15.805 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

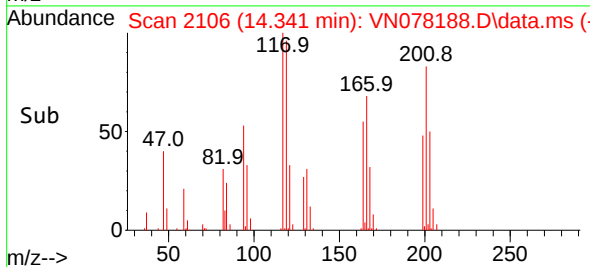
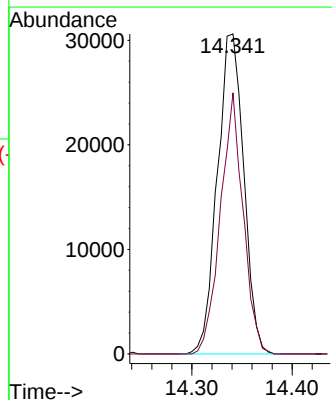
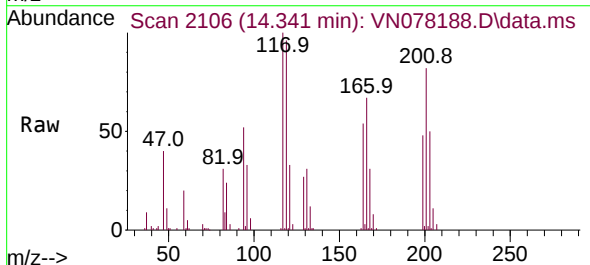
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

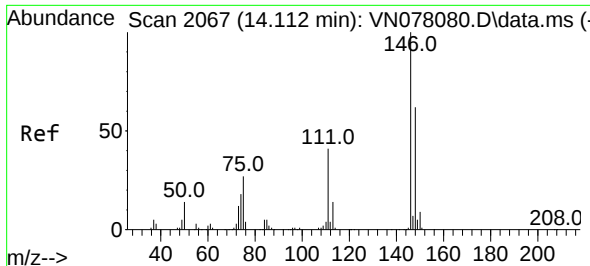
Tgt Ion: 91 Resp: 238948
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 16.420 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 117 Resp: 55853
Ion Ratio Lower Upper
117 100
201 70.3 29.3 88.0

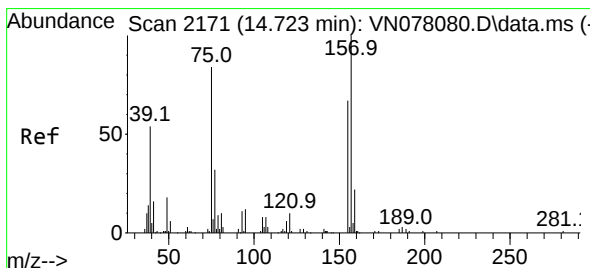
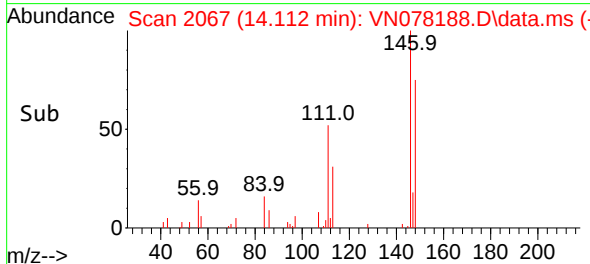
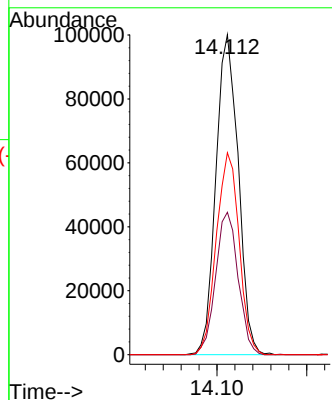
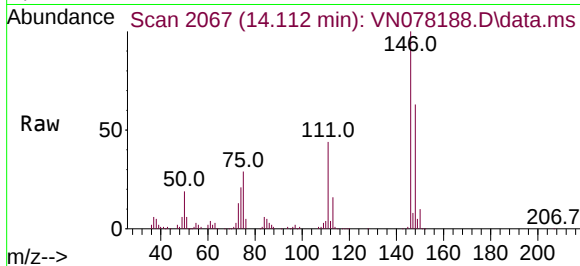




#91
1,2-Dichlorobenzene
Concen: 17.605 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

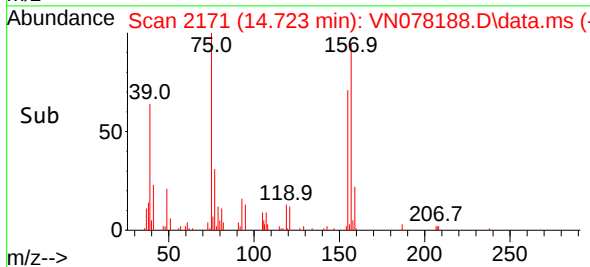
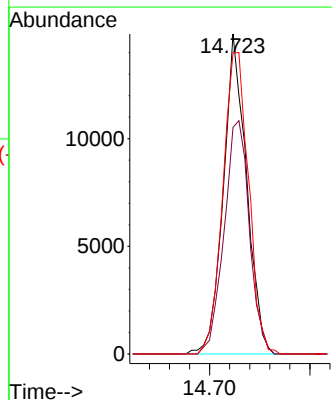
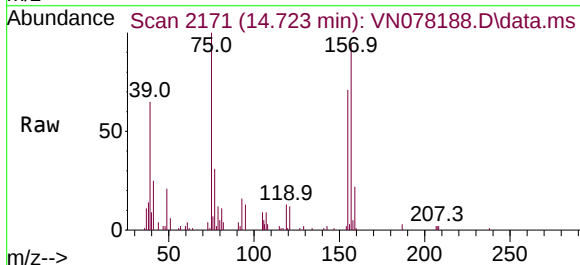
Instrument :
MSVOA_N
ClientSampleId :
VN0613MBS02

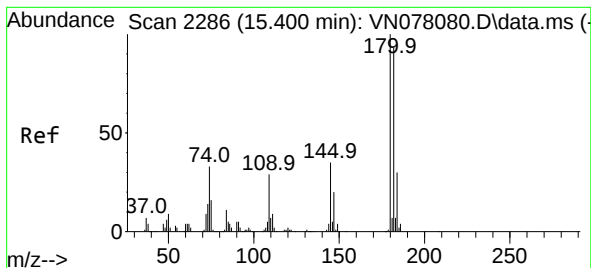
Tgt Ion:146 Resp: 173241
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 64.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.713 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078188.D
Acq: 13 Jun 2023 16:05

Tgt Ion: 75 Resp: 23767
Ion Ratio Lower Upper
75 100
155 79.6 39.1 117.2
157 104.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.009 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

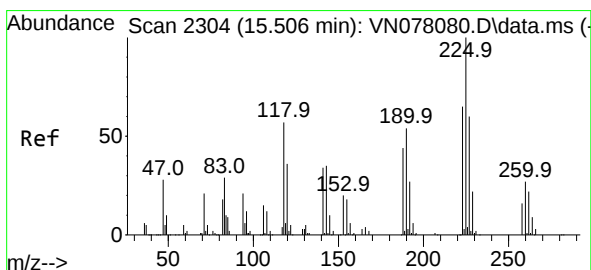
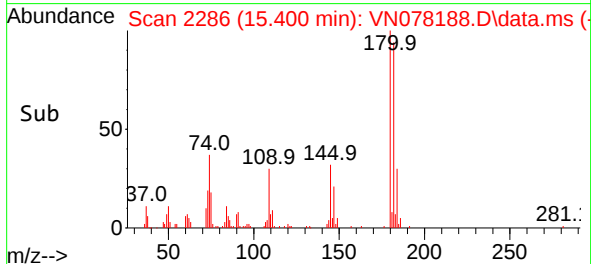
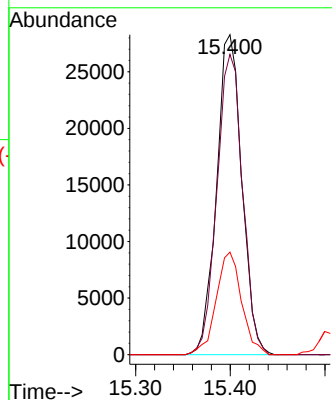
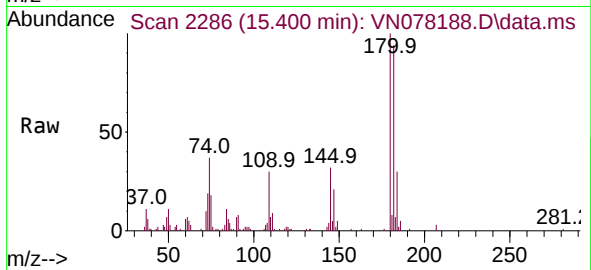
Tgt Ion:180 Resp: 52622

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.2

145 32.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 14.596 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

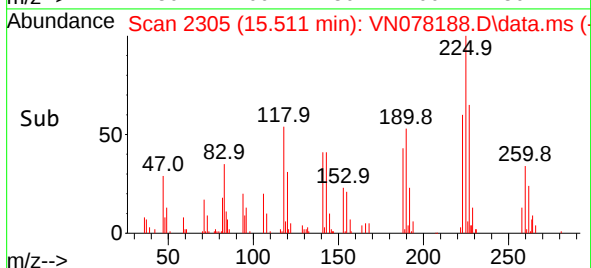
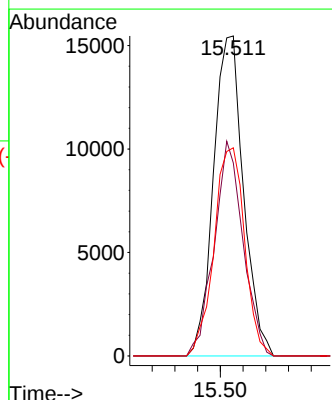
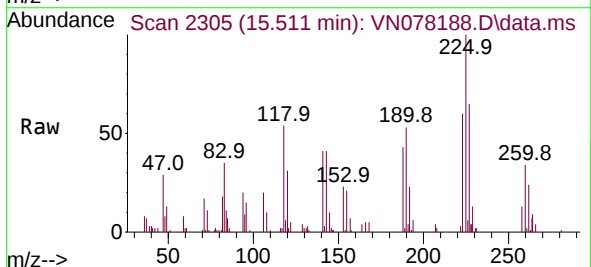
Tgt Ion:225 Resp: 28344

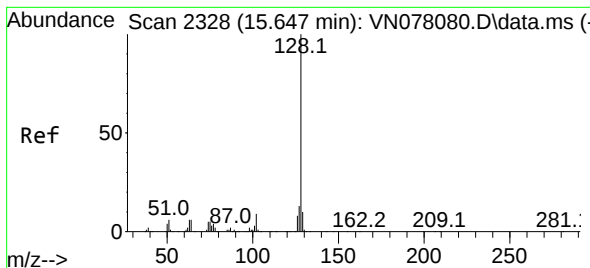
Ion Ratio Lower Upper

225 100

223 64.6 31.3 93.8

227 66.4 31.9 95.9





#95

Naphthalene

Concen: 14.605 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN0613MBS02

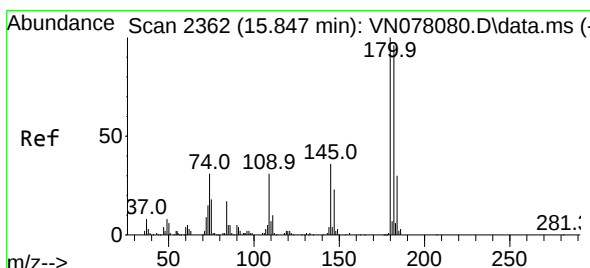
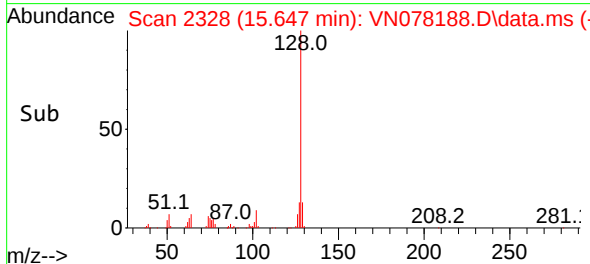
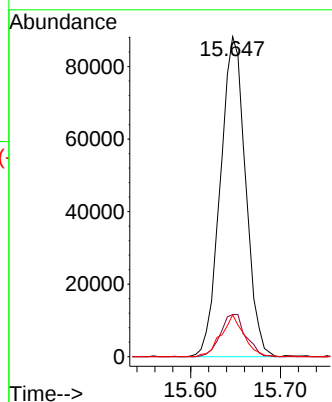
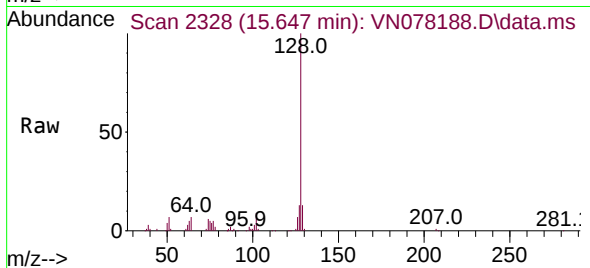
Tgt Ion:128 Resp: 172246

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.021 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078188.D

Acq: 13 Jun 2023 16:05

Tgt Ion:180 Resp: 58902

Ion Ratio Lower Upper

180 100

182 93.0 46.2 138.6

145 35.9 17.5 52.6

