

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077192.D
 Acq On : 24 Mar 2023 22:54
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 25 06:02:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 25 05:52:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	462272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	805956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	738919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	347614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	733983	101.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 202.640%#	
35) Dibromofluoromethane	8.172	113	552549	100.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 201.280%#	
50) Toluene-d8	10.572	98	2087199	101.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 203.180%#	
62) 4-Bromofluorobenzene	12.848	95	733739	107.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 215.660%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	510647	99.502	ug/l	92
3) Chloromethane	2.372	50	692995	101.278	ug/l	98
4) Vinyl Chloride	2.525	62	780152	103.077	ug/l	99
5) Bromomethane	2.925	94	516494	86.213	ug/l	94
6) Chloroethane	3.113	64	542472	93.747	ug/l	98
7) Trichlorofluoromethane	3.501	101	1025236	96.810	ug/l	94
8) Diethyl Ether	3.972	74	372807	104.673	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	475472	92.462	ug/l	98
10) Methyl Iodide	4.601	142	645061	112.683	ug/l	99
11) Tert butyl alcohol	5.537	59	540265	539.496	ug/l	98
12) 1,1-Dichloroethene	4.348	96	482446	100.776	ug/l	98
13) Acrolein	4.190	56	714990	517.512	ug/l	98
14) Allyl chloride	5.037	41	885266	94.911	ug/l	93
15) Acrylonitrile	5.731	53	1605056	516.604	ug/l	98
16) Acetone	4.437	43	1352094	489.171	ug/l	100
17) Carbon Disulfide	4.725	76	1358099	99.122	ug/l	99
18) Methyl Acetate	5.031	43	1099012	100.176	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	1851220	107.745	ug/l	97
20) Methylene Chloride	5.290	84	588953	93.153	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	526188	98.878	ug/l	99
22) Diisopropyl ether	6.684	45	2042342	106.991	ug/l	98
23) Vinyl Acetate	6.613	43	6989102	499.623	ug/l	99
24) 1,1-Dichloroethane	6.578	63	1098650	99.336	ug/l	99
25) 2-Butanone	7.489	43	2219037	530.080	ug/l	98
26) 2,2-Dichloropropane	7.495	77	771658	102.813	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	631796	102.198	ug/l	99
28) Bromochloromethane	7.819	49	523830	94.029	ug/l	98
29) Tetrahydrofuran	7.842	42	1481831	542.795	ug/l	100
30) Chloroform	7.972	83	1080119	98.950	ug/l	99
31) Cyclohexane	8.266	56	936969	92.568	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	934198	99.810	ug/l	97
36) 1,1-Dichloropropene	8.378	75	782483	101.527	ug/l	98
37) Ethyl Acetate	7.566	43	895499	104.816	ug/l	99
38) Carbon Tetrachloride	8.366	117	792374	100.056	ug/l	99
39) Methylcyclohexane	9.607	83	953927	108.924	ug/l	98
40) Benzene	8.613	78	2357084	99.626	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	481374	102.612	ug/l	96
42) 1,2-Dichloroethane	8.672	62	891996	99.572	ug/l	99
43) Isopropyl Acetate	8.695	43	1510632	110.571	ug/l	99
44) Trichloroethene	9.354	130	555508	100.521	ug/l	95
45) 1,2-Dichloropropane	9.625	63	632894	100.862	ug/l	99
46) Dibromomethane	9.713	93	418054	104.314	ug/l	100
47) Bromodichloromethane	9.889	83	857809	103.772	ug/l	97
48) Methyl methacrylate	9.683	41	733111	110.989	ug/l	99
49) 1,4-Dioxane	9.701	88	229371	2118.231	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	4680762	559.561	ug/l	100
52) Toluene	10.630	92	1493642	105.360	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	928965	113.621	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	987943	110.215	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	579569	105.744	ug/l	98
56) Ethyl methacrylate	10.877	69	990462	103.689	ug/l	97
57) 1,3-Dichloropropane	11.166	76	1040730	104.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	1853655	500.271	ug/l	100
59) 2-Hexanone	11.201	43	3397697	573.138	ug/l	99
60) Dibromochloromethane	11.360	129	639207	111.577	ug/l	99
61) 1,2-Dibromoethane	11.471	107	597077	107.421	ug/l	98
64) Tetrachloroethene	11.107	164	455317	98.162	ug/l	99
65) Chlorobenzene	11.895	112	1539961	100.458	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	567085	102.793	ug/l	98
67) Ethyl Benzene	11.966	91	2845350	106.405	ug/l	99
68) m/p-Xylenes	12.071	106	2194353	222.672	ug/l	97
69) o-Xylene	12.401	106	1085398	111.721	ug/l	98
70) Styrene	12.413	104	1790125	97.457	ug/l	100
71) Bromoform	12.583	173	457183	113.966	ug/l #	98
73) Isopropylbenzene	12.701	105	2816915	104.484	ug/l	98
74) N-amyl acetate	12.495	43	1339736	113.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	874376	102.767	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	1119426	132.750	ug/l	58
77) Bromobenzene	12.983	156	642194	99.418	ug/l	97
78) n-propylbenzene	13.036	91	3298344	107.923	ug/l	100
79) 2-Chlorotoluene	13.130	91	1961368	101.598	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2356336	108.196	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	282864	113.123	ug/l	92
82) 4-Chlorotoluene	13.224	91	1877395	100.684	ug/l	99
83) tert-Butylbenzene	13.442	119	1988102	103.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	2337533	109.527	ug/l	99
85) sec-Butylbenzene	13.618	105	2888238	109.237	ug/l	100
86) p-Isopropyltoluene	13.730	119	2385155	95.637	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	1176258	99.154	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	1166910	96.362	ug/l	99
89) n-Butylbenzene	14.060	91	2081148	96.852	ug/l	100
90) Hexachloroethane	14.336	117	430426	101.870	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	1143907	96.818	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	174438	104.699	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	592074	98.108	ug/l	99
94) Hexachlorobutadiene	15.507	225	283479	96.728	ug/l	98
95) Naphthalene	15.642	128	2060234	100.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	586579	99.623	ug/l	98

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ClientSampleId :
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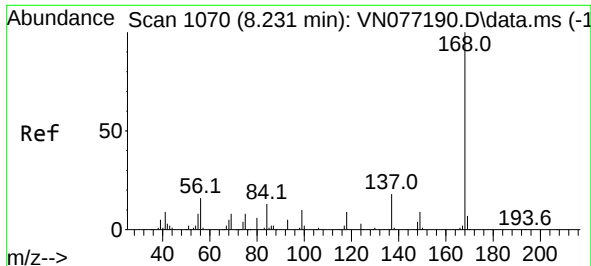
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Quant Title : SW846 8260
QLast Update : Sat Mar 25 05:52:26 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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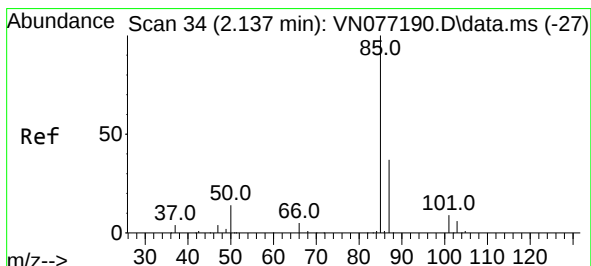
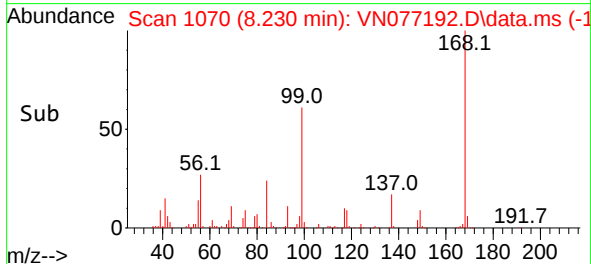
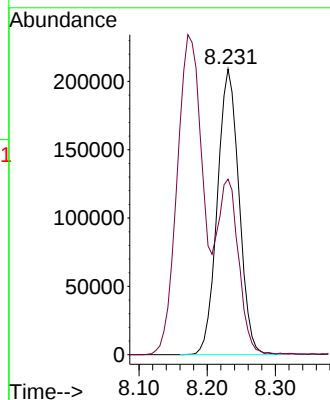
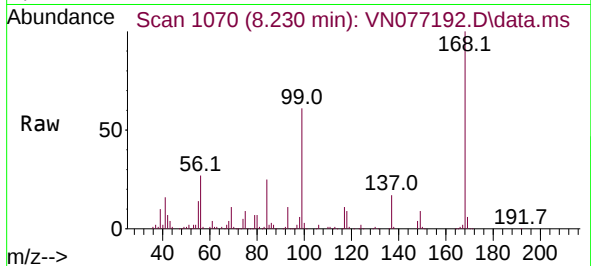




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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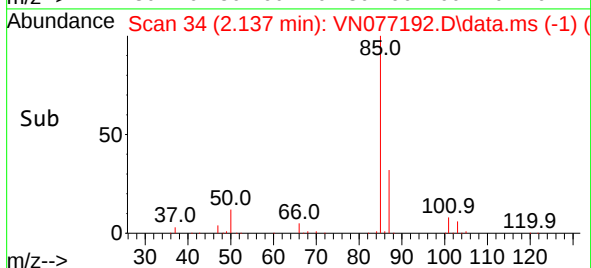
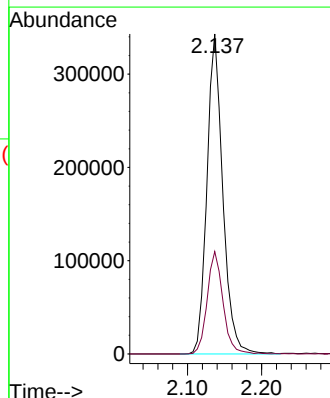
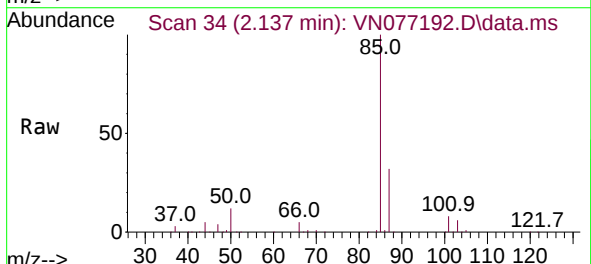
Instrument :
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VSTDIC100

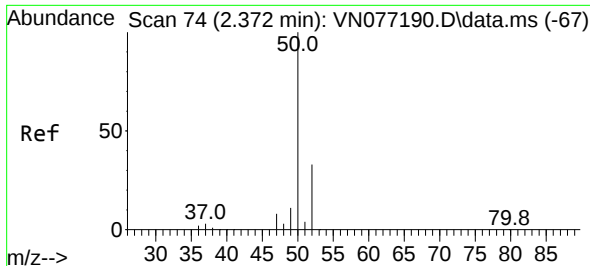
Tgt Ion:168 Resp: 462272
Ion Ratio Lower Upper
168 100
99 60.9 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 99.502 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 85 Resp: 510647
Ion Ratio Lower Upper
85 100
87 32.0 18.5 55.5

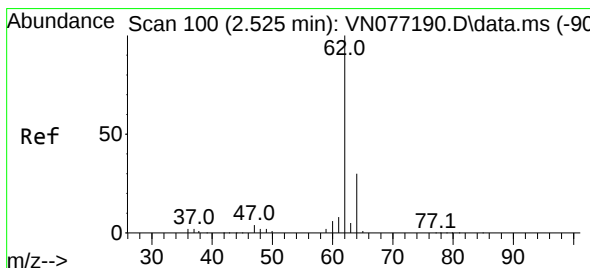
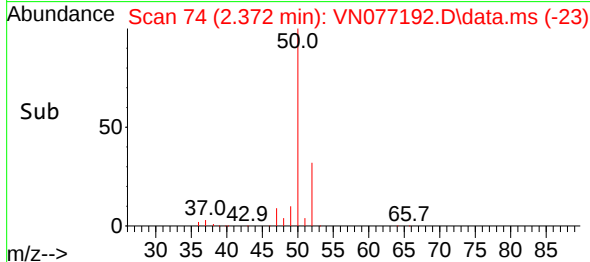
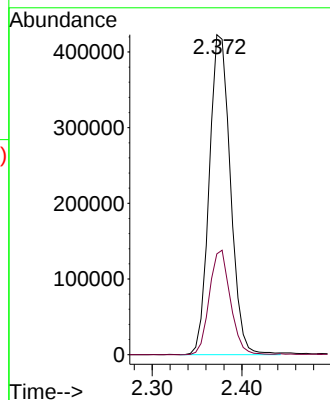
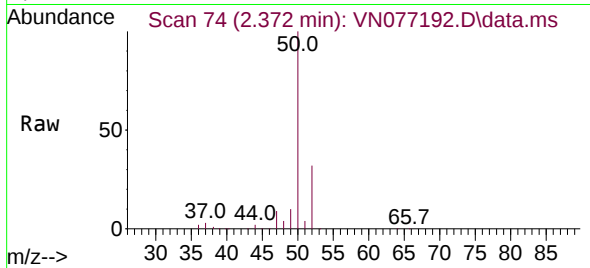




#3
Chloromethane
Concen: 101.278 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

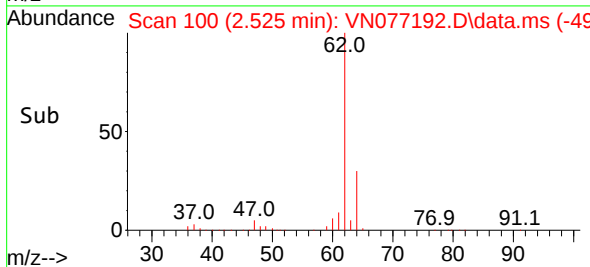
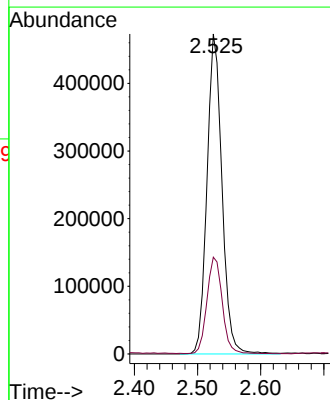
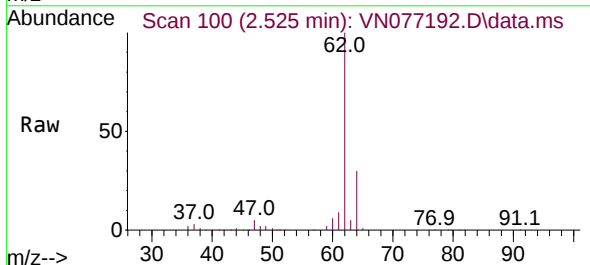
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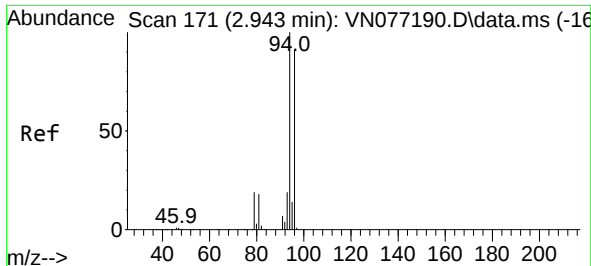
Tgt Ion: 50 Resp: 692995
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4



#4
Vinyl Chloride
Concen: 103.077 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077192.D
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Tgt Ion: 62 Resp: 780152
Ion Ratio Lower Upper
62 100
64 30.2 24.4 36.6

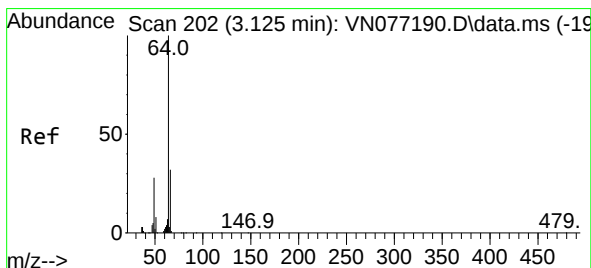
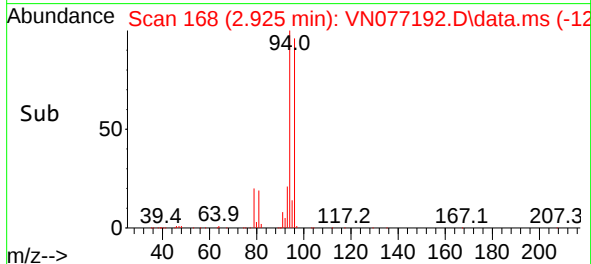
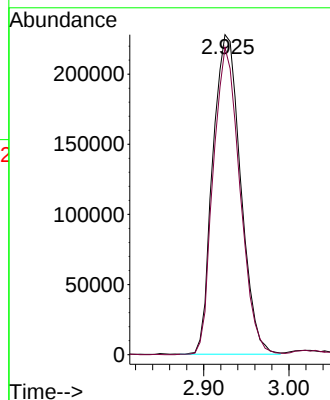
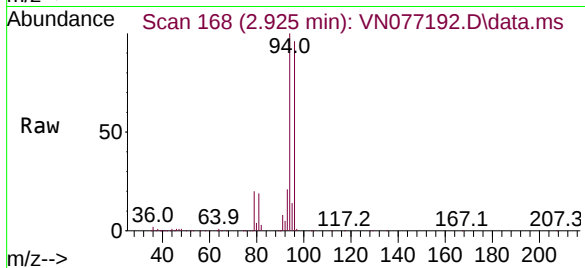




#5
Bromomethane
Concen: 86.213 ug/l
RT: 2.925 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

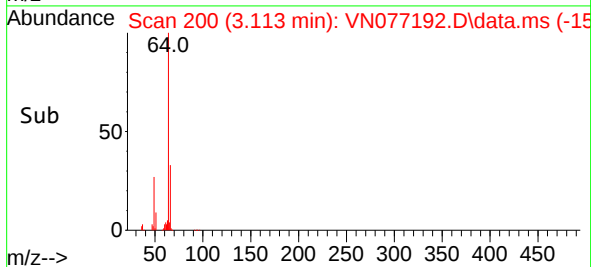
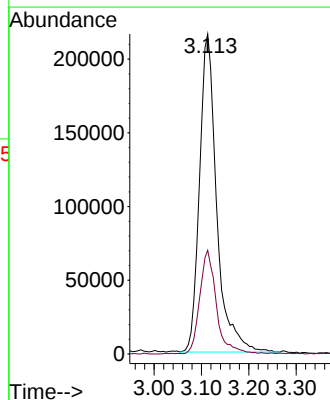
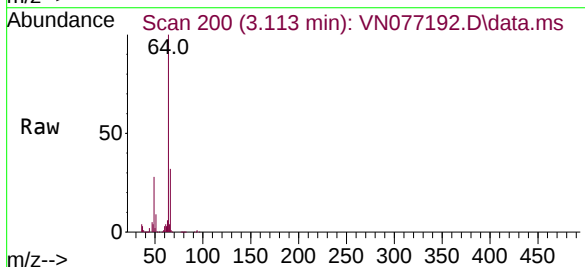
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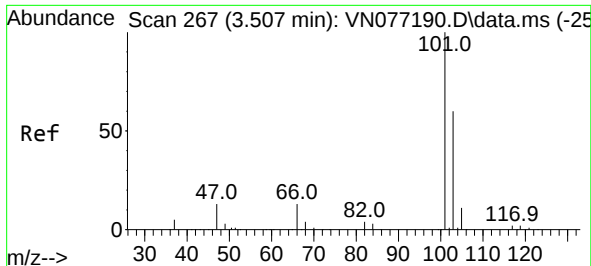
Tgt Ion: 94 Resp: 516494
Ion Ratio Lower Upper
94 100
96 96.0 72.5 108.7



#6
Chloroethane
Concen: 93.747 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN077192.D
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Tgt Ion: 64 Resp: 542472
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7

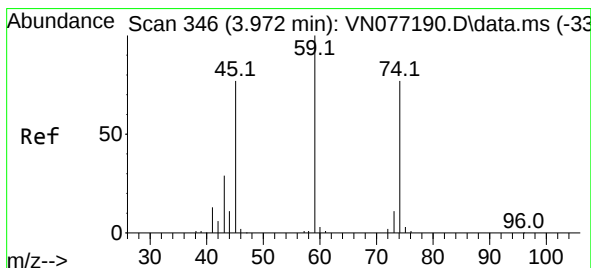
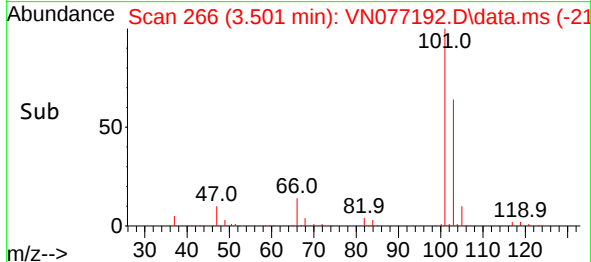
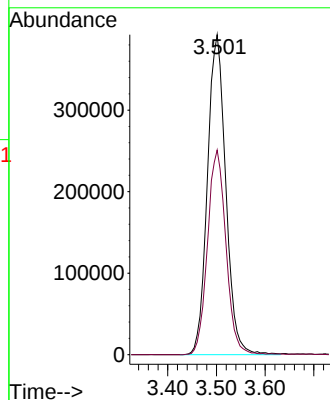
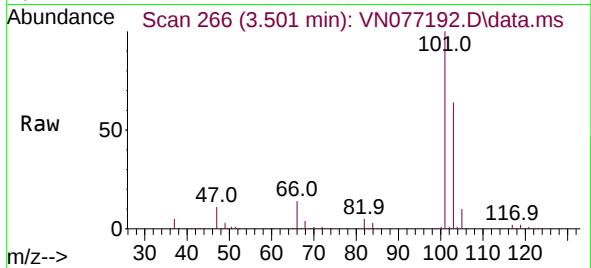




#7
 Trichlorofluoromethane
 Concen: 96.810 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

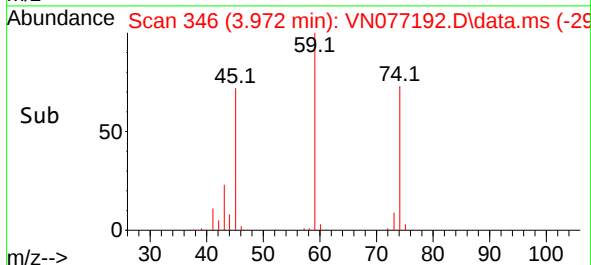
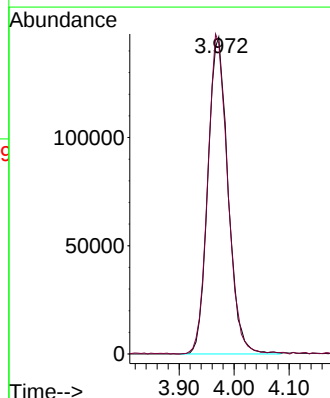
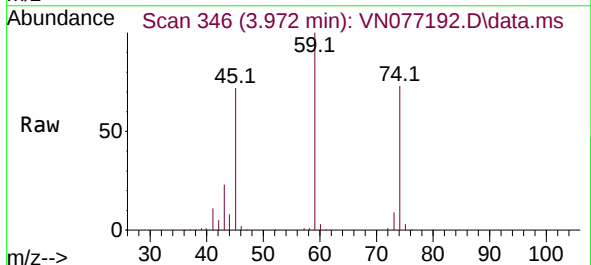
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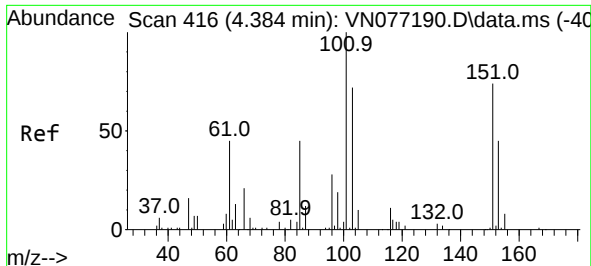
Tgt Ion:101 Resp: 1025236
 Ion Ratio Lower Upper
 101 100
 103 63.9 47.6 71.4



#8
 Diethyl Ether
 Concen: 104.673 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

Tgt Ion: 74 Resp: 372807
 Ion Ratio Lower Upper
 74 100
 45 100.1 51.1 153.4

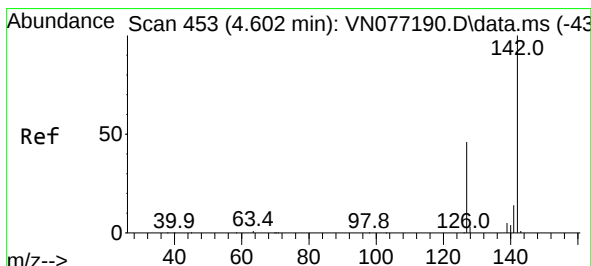
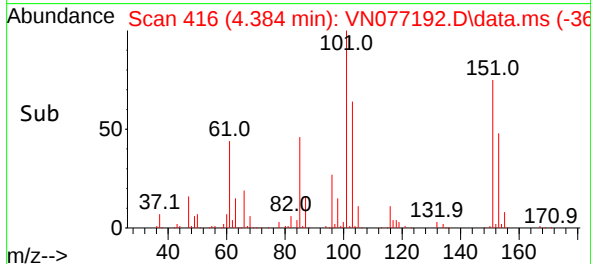
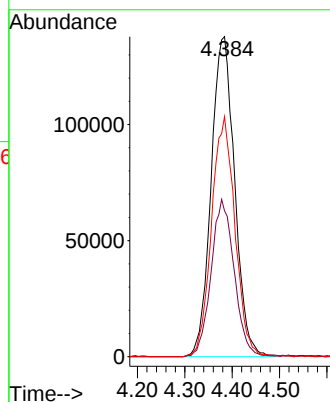
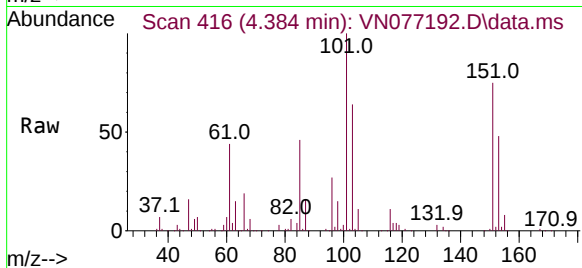




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.462 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

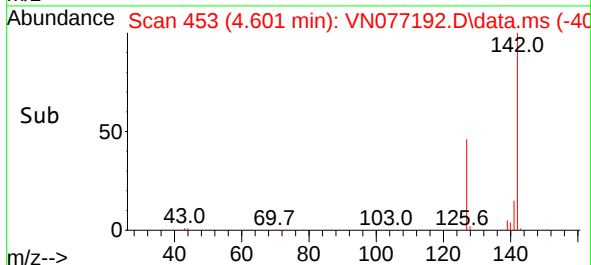
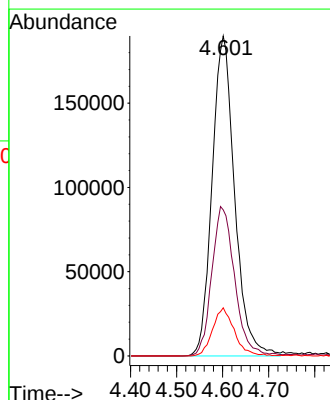
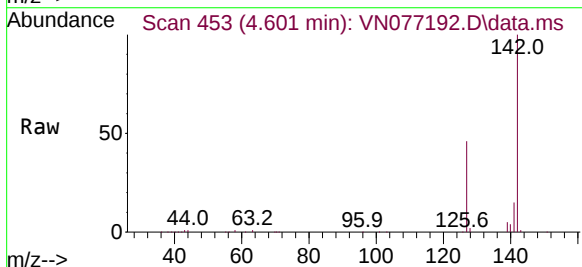
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

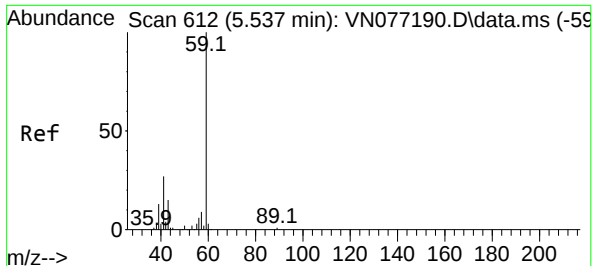
Tgt Ion:101 Resp: 475472
Ion Ratio Lower Upper
101 100
85 48.1 37.9 56.9
151 74.5 58.1 87.1



#10
Methyl Iodide
Concen: 112.683 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:142 Resp: 645061
Ion Ratio Lower Upper
142 100
127 45.7 37.0 55.4
141 15.1 11.0 16.4

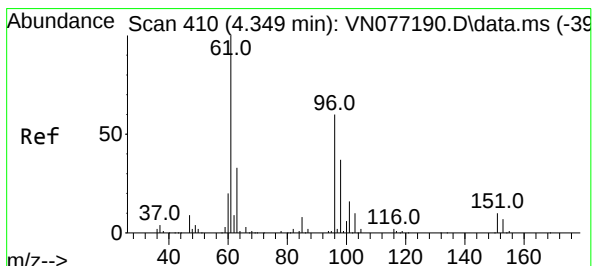
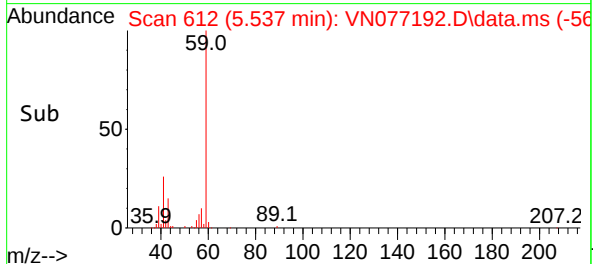
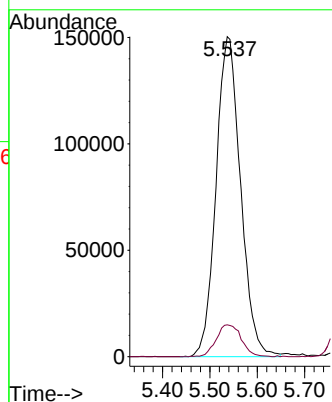
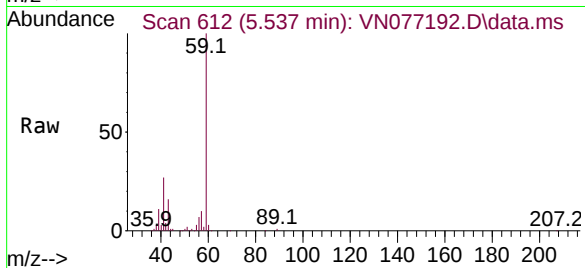




#11
Tert butyl alcohol
Concen: 539.496 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

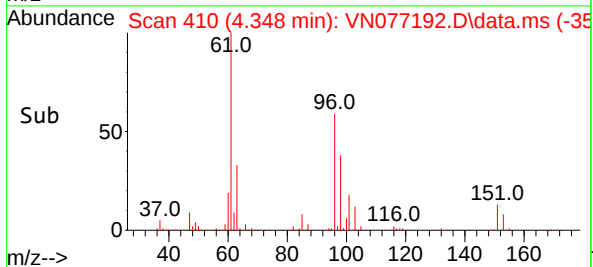
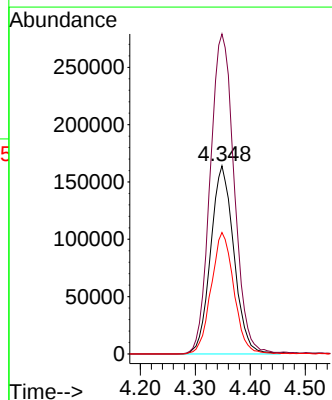
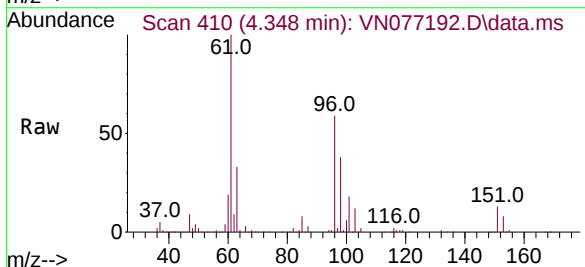
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

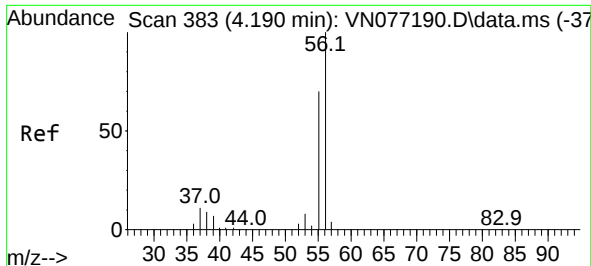
Tgt Ion: 59 Resp: 540265
Ion Ratio Lower Upper
59 100
57 10.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 100.776 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 96 Resp: 482446
Ion Ratio Lower Upper
96 100
61 170.0 134.4 201.6
98 64.5 50.1 75.1





#13

Acrolein

Concen: 517.512 ug/l

RT: 4.190 min Scan# 383

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

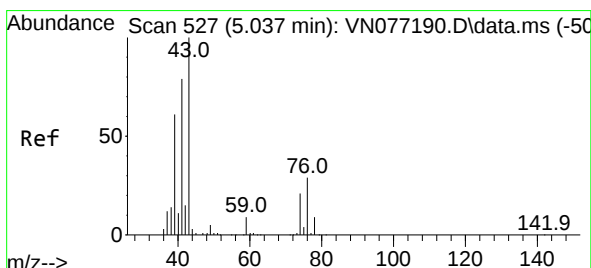
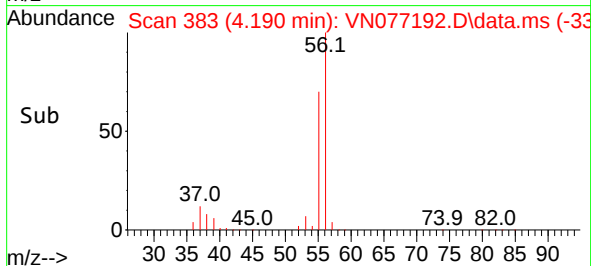
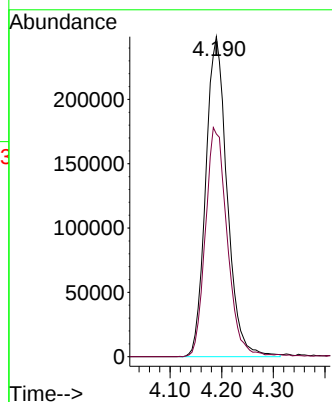
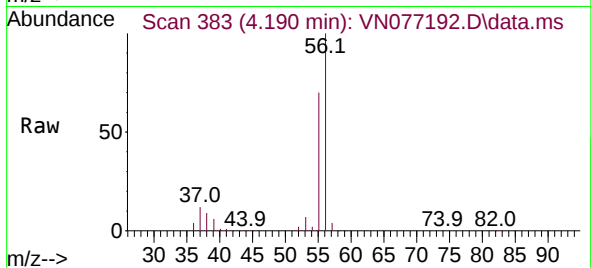
VSTDICC100

Tgt Ion: 56 Resp: 714990

Ion Ratio Lower Upper

56 100

55 72.8 56.8 85.2



#14

Allyl chloride

Concen: 94.911 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

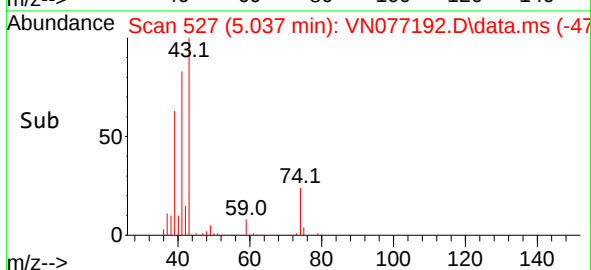
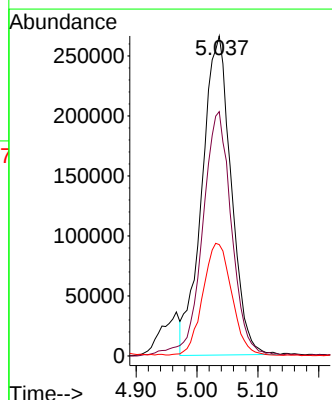
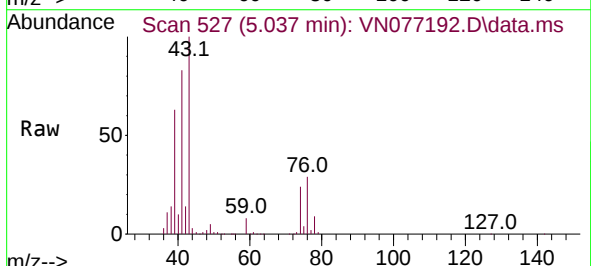
Tgt Ion: 41 Resp: 885266

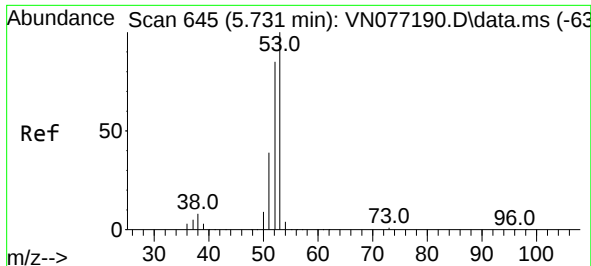
Ion Ratio Lower Upper

41 100

39 76.6 56.8 85.2

76 34.8 25.0 37.6

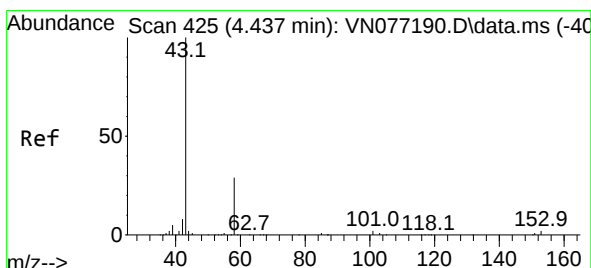
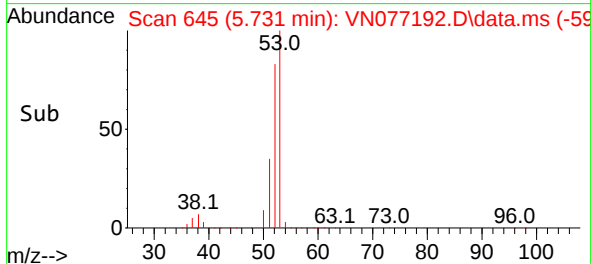
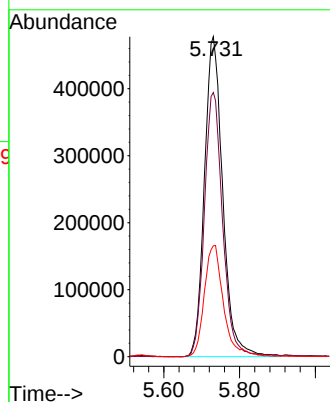
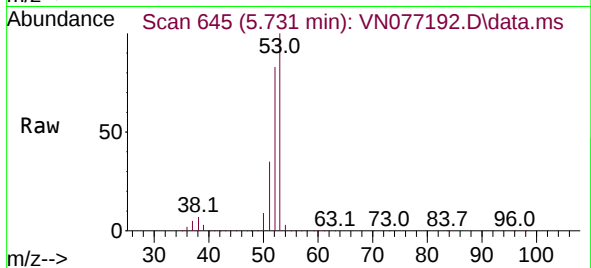




#15
Acrylonitrile
Concen: 516.604 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

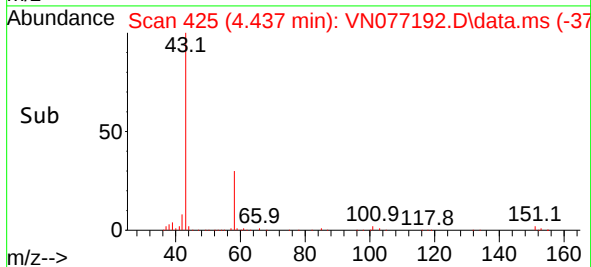
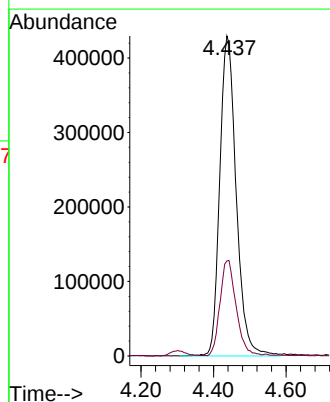
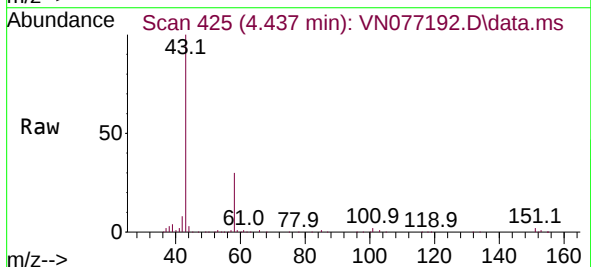
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

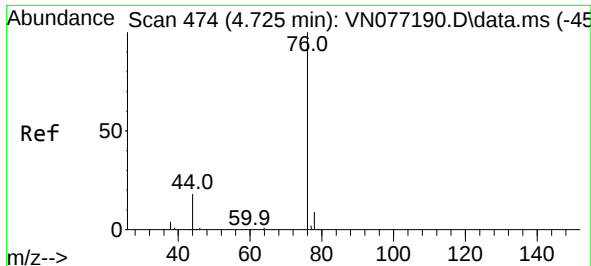
Tgt Ion: 53 Resp: 1605056
Ion Ratio Lower Upper
53 100
52 82.4 67.6 101.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 489.171 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 43 Resp: 1352094
Ion Ratio Lower Upper
43 100
58 29.5 23.7 35.5

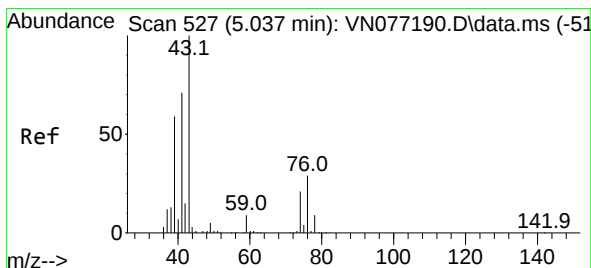
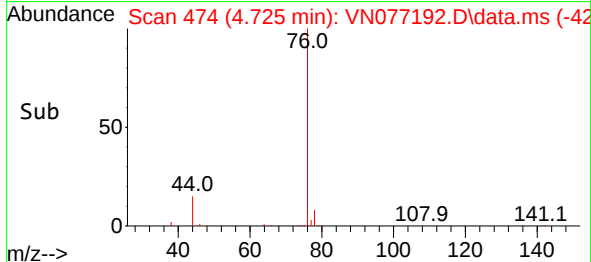
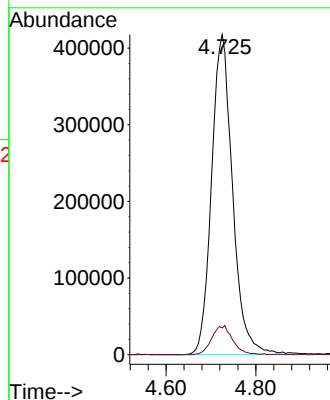
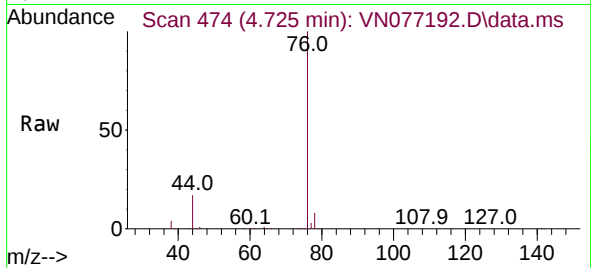




#17
Carbon Disulfide
Concen: 99.122 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

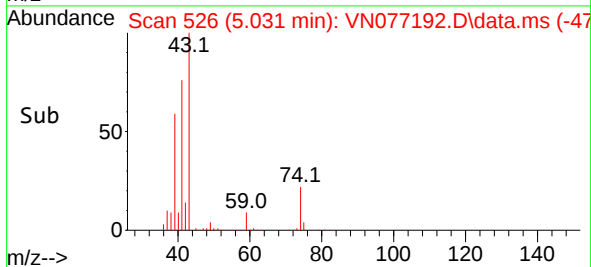
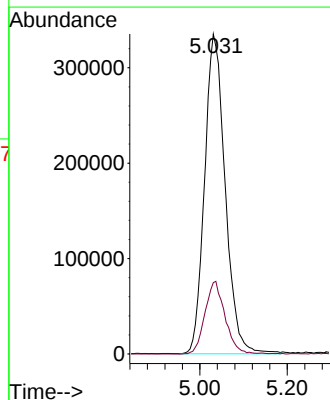
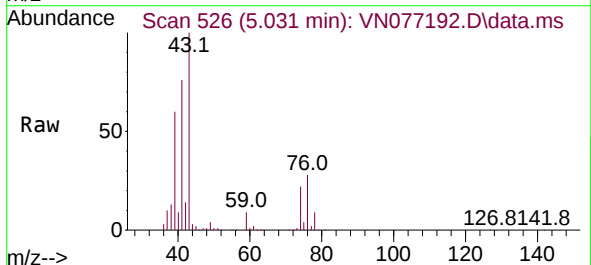
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

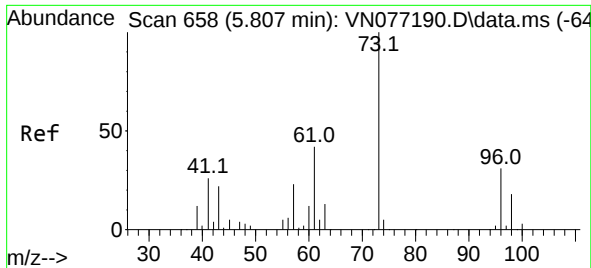
Tgt Ion: 76 Resp: 1358099
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3



#18
Methyl Acetate
Concen: 100.176 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 43 Resp: 1099012
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3

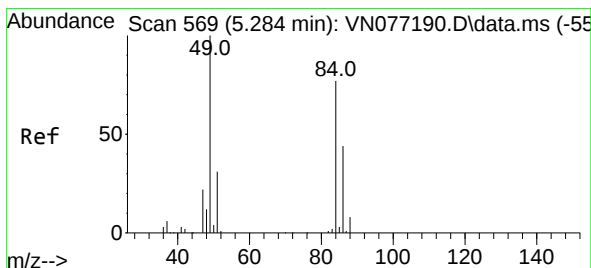
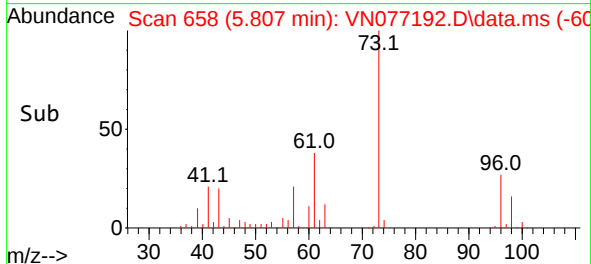
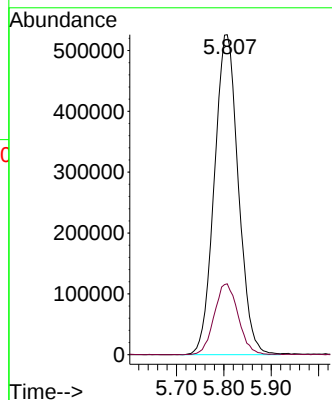
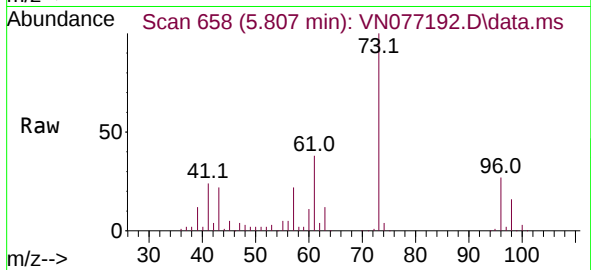




#19
Methyl tert-butyl Ether
Concen: 107.745 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

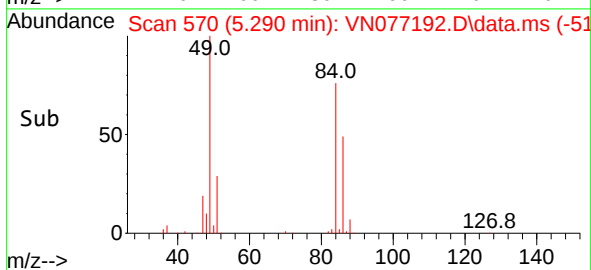
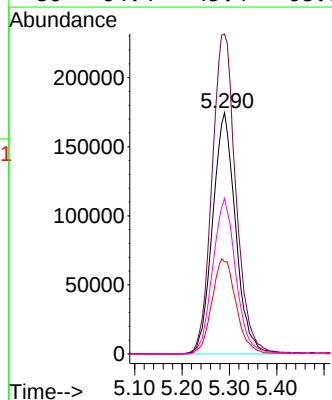
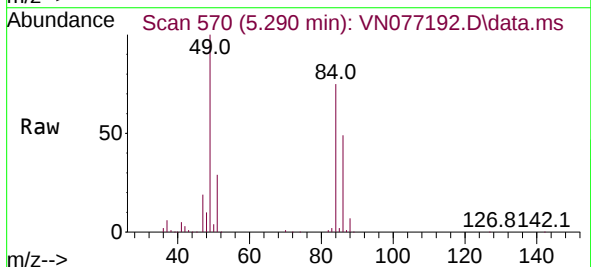
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

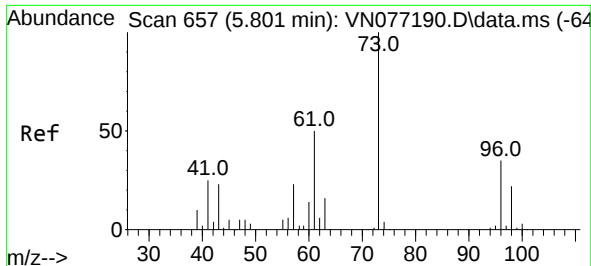
Tgt Ion: 73 Resp: 1851220
Ion Ratio Lower Upper
73 100
57 22.1 18.7 28.1



#20
Methylene Chloride
Concen: 93.153 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 84 Resp: 588953
Ion Ratio Lower Upper
84 100
49 132.7 103.4 155.0
51 38.2 31.6 47.4
86 64.4 45.4 68.0





#21

trans-1,2-Dichloroethene

Concen: 98.878 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

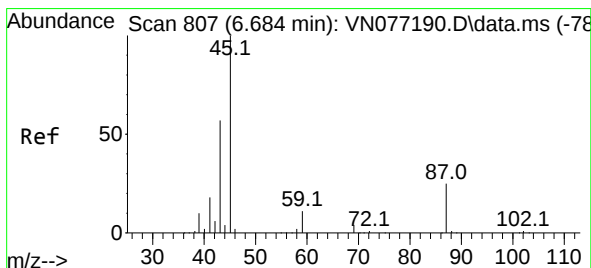
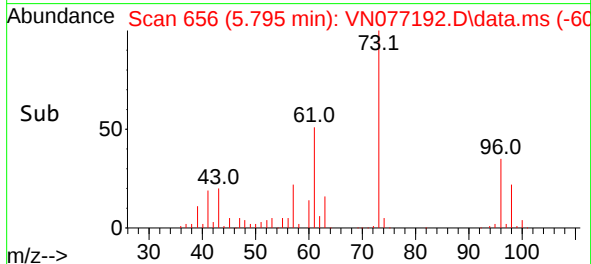
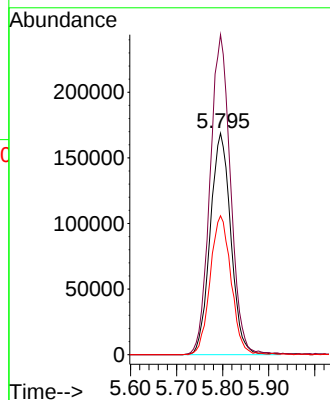
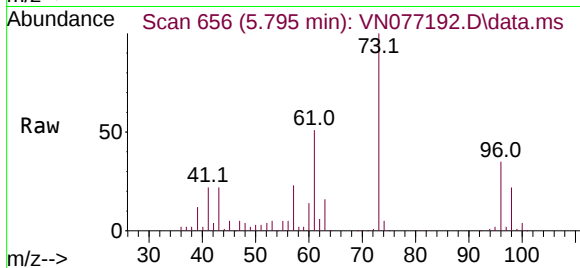
Tgt Ion: 96 Resp: 526188

Ion Ratio Lower Upper

96 100

61 144.5 116.0 174.0

98 62.7 51.7 77.5



#22

Diisopropyl ether

Concen: 106.991 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Tgt Ion: 45 Resp: 2042342

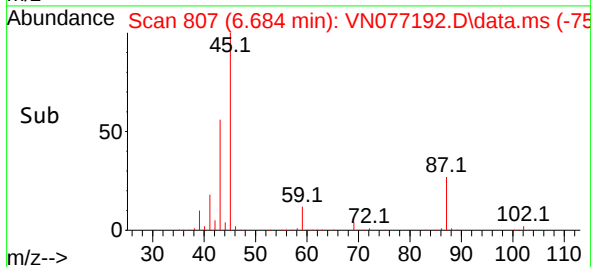
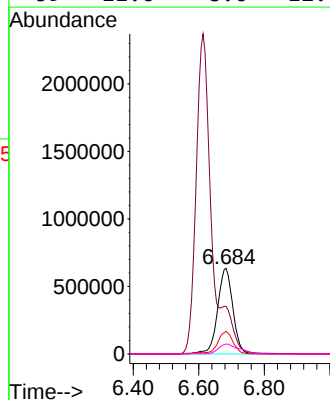
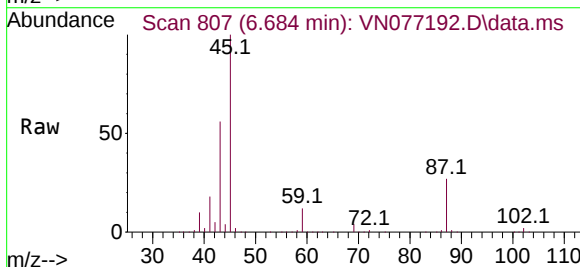
Ion Ratio Lower Upper

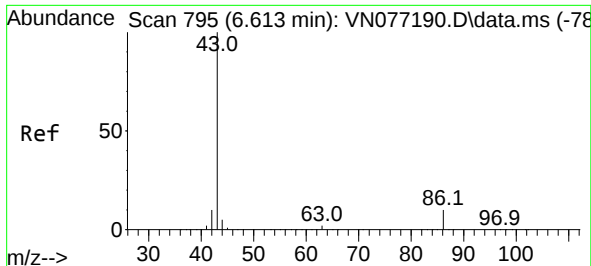
45 100

43 55.3 45.5 68.3

87 26.6 20.2 30.4

59 11.6 8.6 12.8

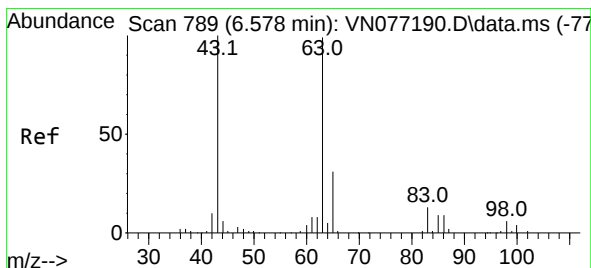
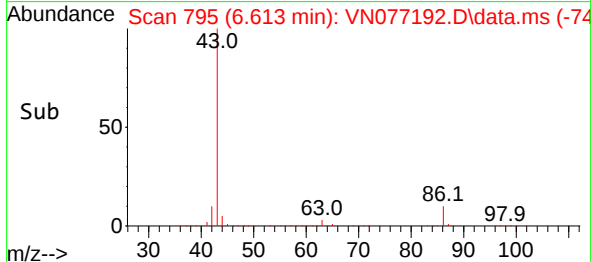
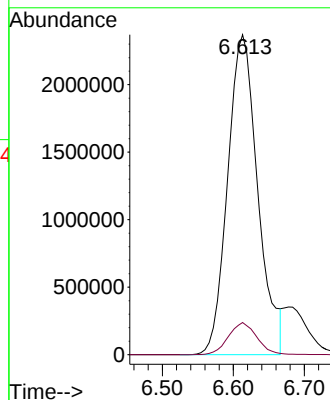
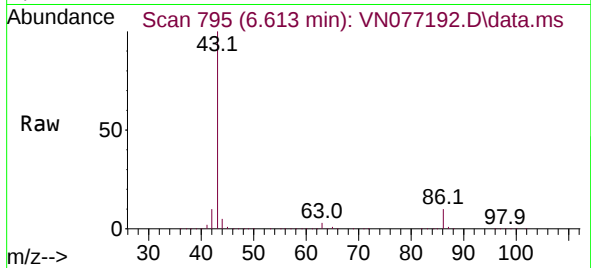




#23
 Vinyl Acetate
 Concen: 499.623 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

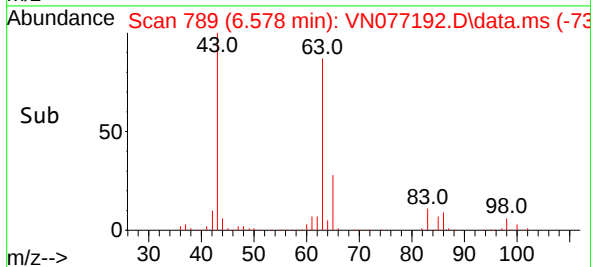
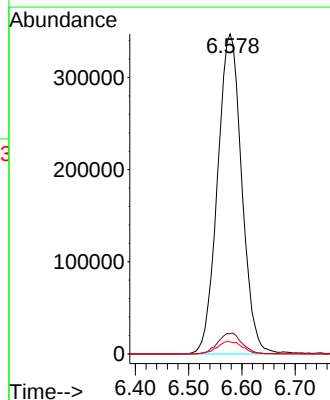
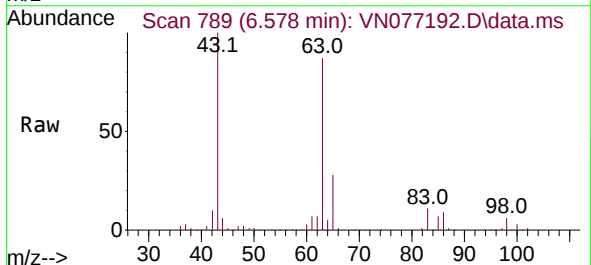
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

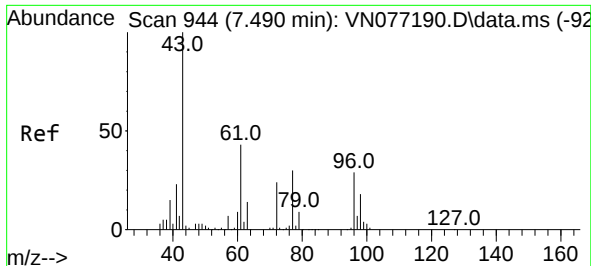
Tgt Ion: 43 Resp: 6989102
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 99.336 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

Tgt Ion: 63 Resp: 1098650
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 3.7 2.1 6.5

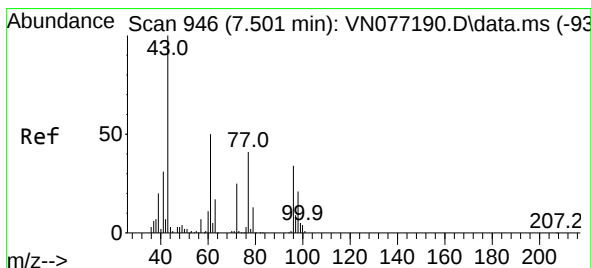
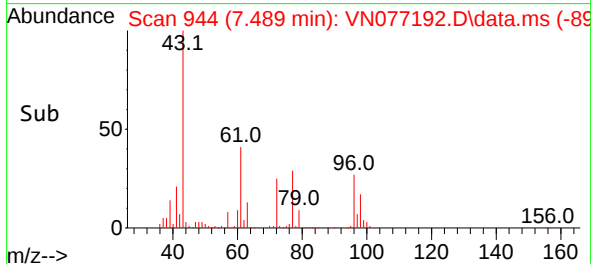
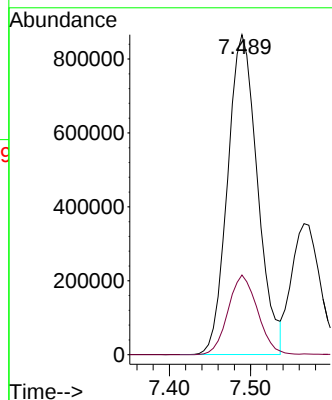
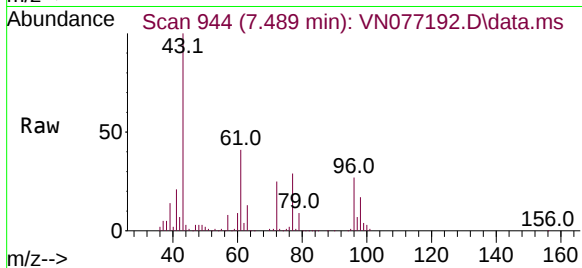




#25
2-Butanone
Concen: 530.080 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

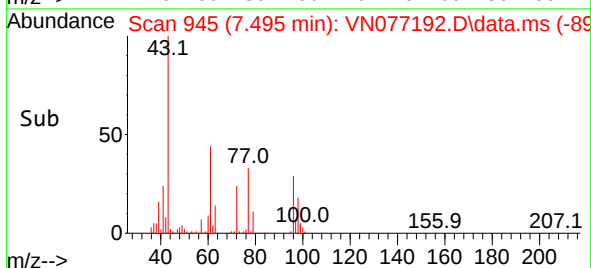
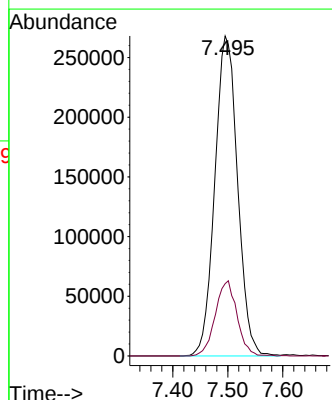
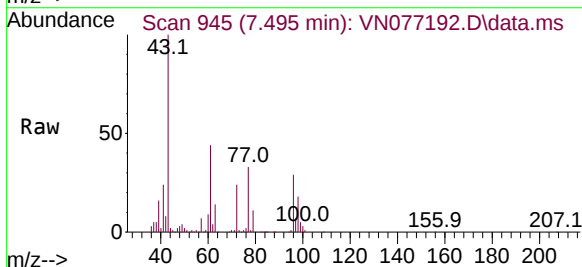
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

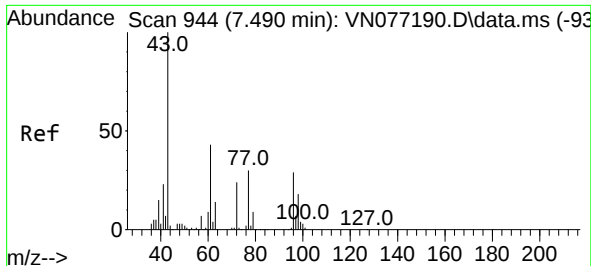
Tgt Ion: 43 Resp: 2219037
Ion Ratio Lower Upper
43 100
72 24.9 19.0 28.4



#26
2,2-Dichloropropane
Concen: 102.813 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 77 Resp: 771658
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1

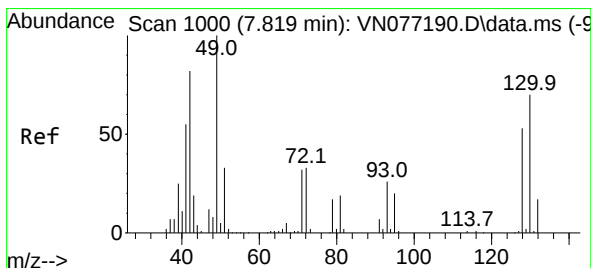
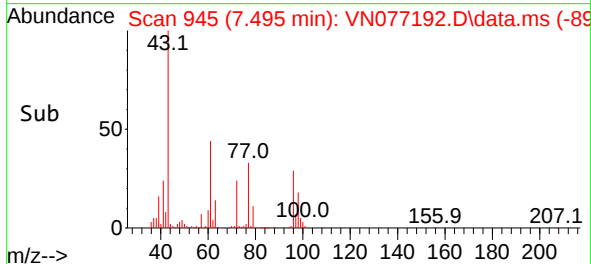
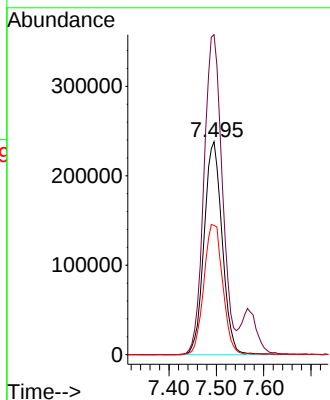
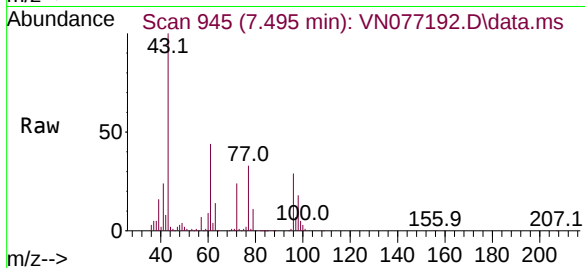




#27
 cis-1,2-Dichloroethene
 Concen: 102.198 ug/l
 RT: 7.495 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

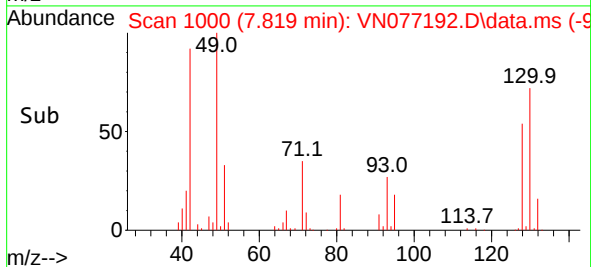
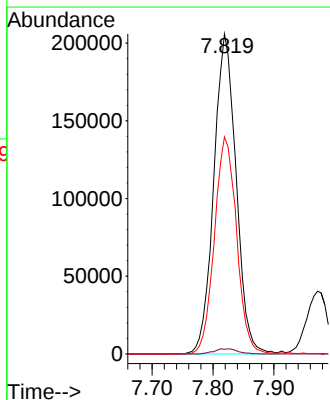
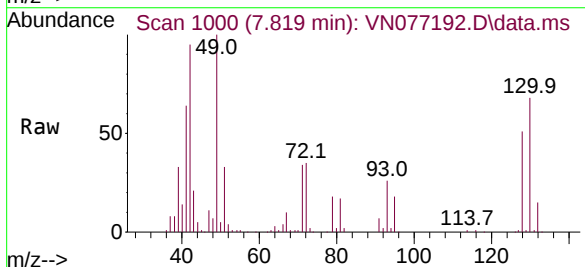
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

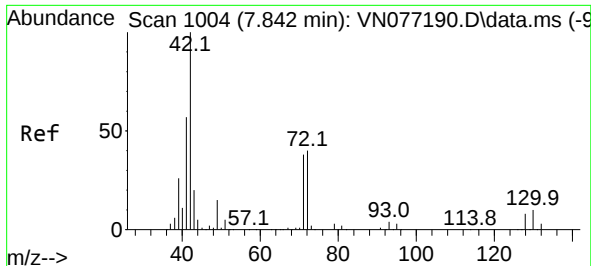
Tgt Ion: 96 Resp: 631796
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 303.6
 98 63.8 0.0 126.0



#28
 Bromochloromethane
 Concen: 94.029 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

Tgt Ion: 49 Resp: 523830
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 67.4 52.5 78.7





#29

Tetrahydrofuran

Concen: 542.795 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

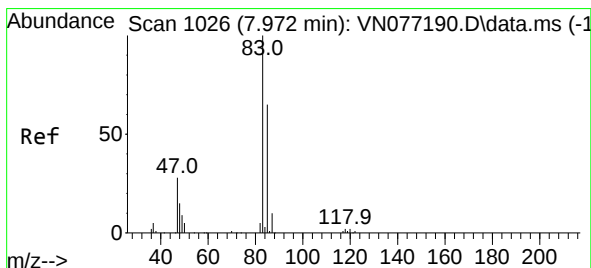
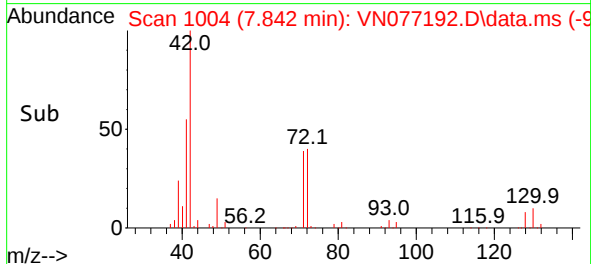
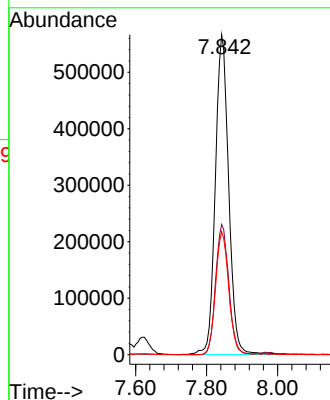
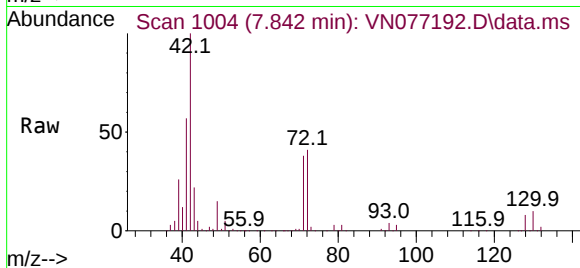
Tgt Ion: 42 Resp: 1481831

Ion Ratio Lower Upper

42 100

72 40.2 32.1 48.1

71 37.7 30.2 45.4



#30

Chloroform

Concen: 98.950 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077192.D

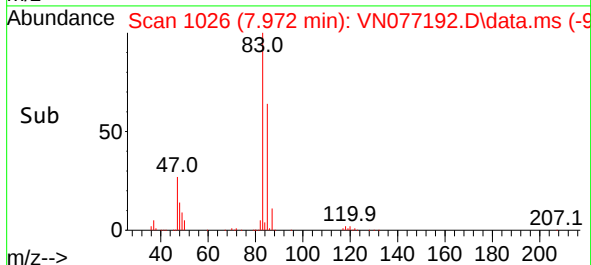
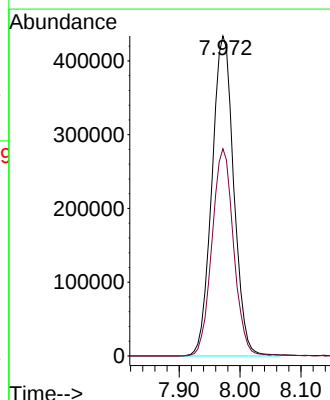
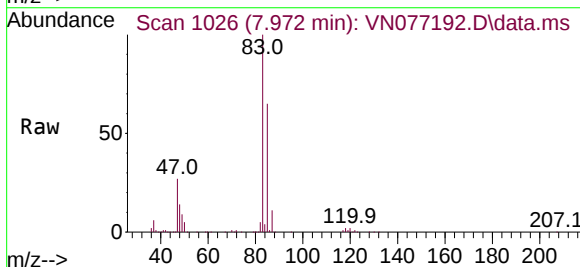
Acq: 24 Mar 2023 22:54

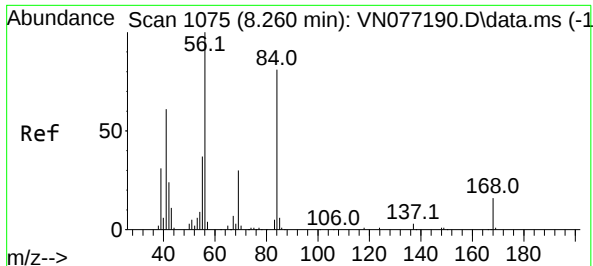
Tgt Ion: 83 Resp: 1080119

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.4

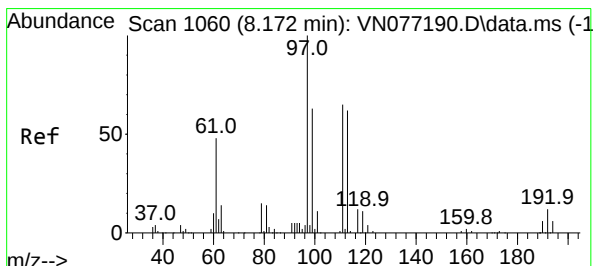
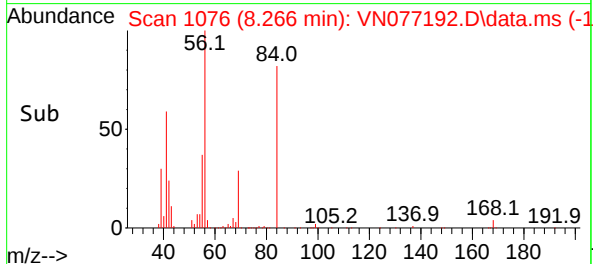
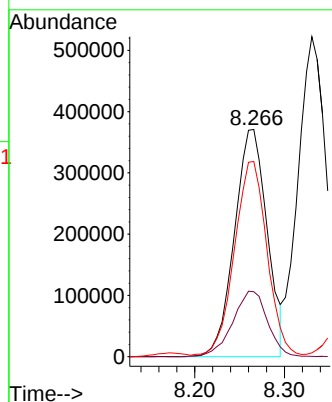
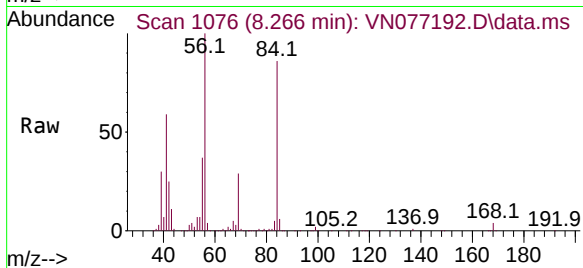




#31
Cyclohexane
Concen: 92.568 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

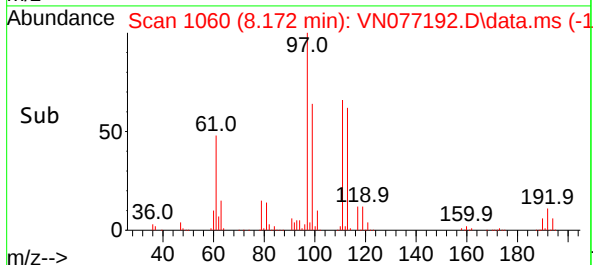
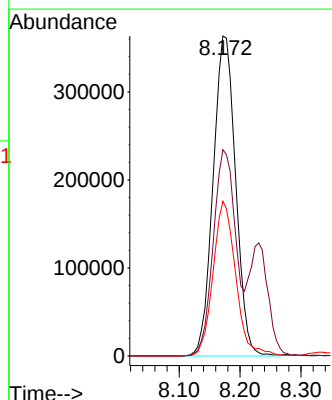
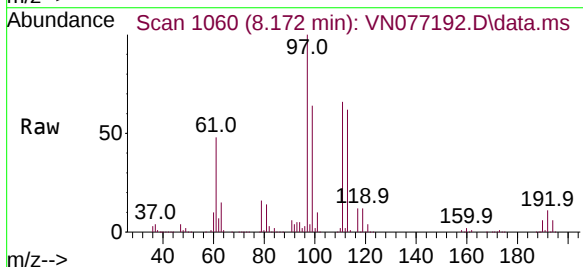
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

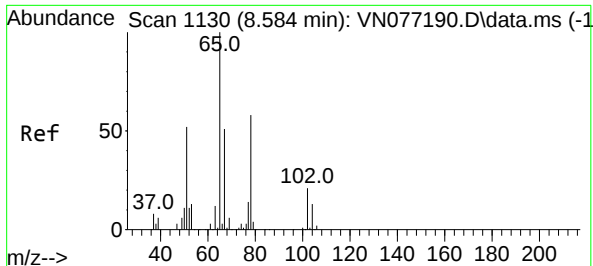
Tgt Ion: 56 Resp: 936969
Ion Ratio Lower Upper
56 100
69 28.6 23.7 35.5
84 84.6 64.8 97.2



#32
1,1,1-Trichloroethane
Concen: 99.810 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 97 Resp: 934198
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 48.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 101.319 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

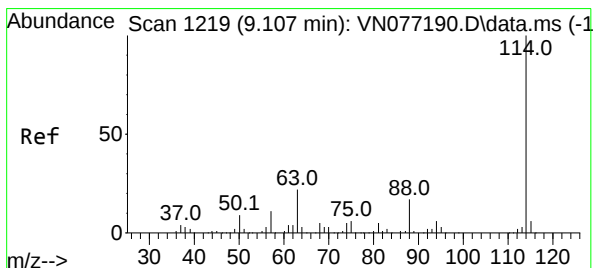
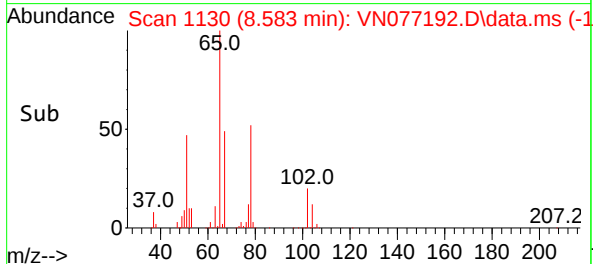
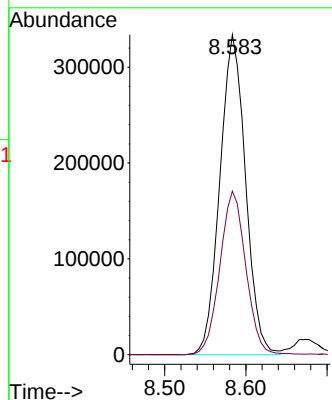
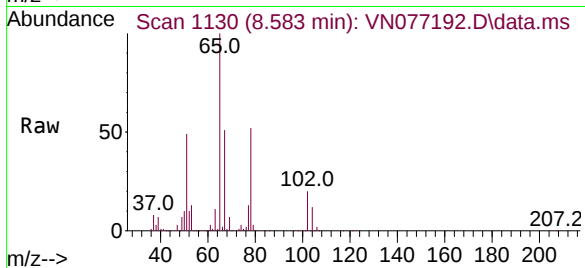
VSTDIC100

Tgt Ion: 65 Resp: 733983

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

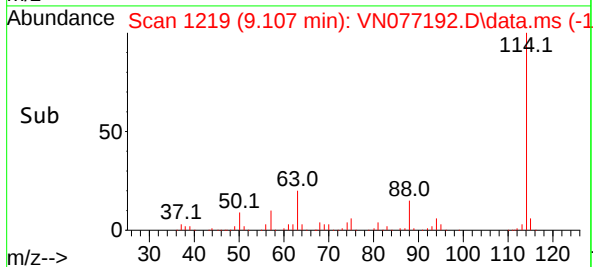
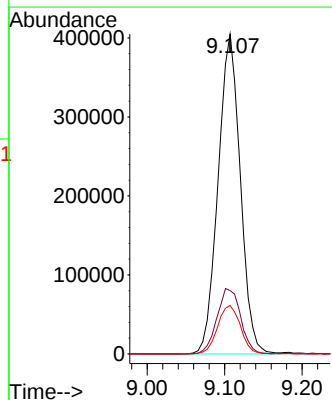
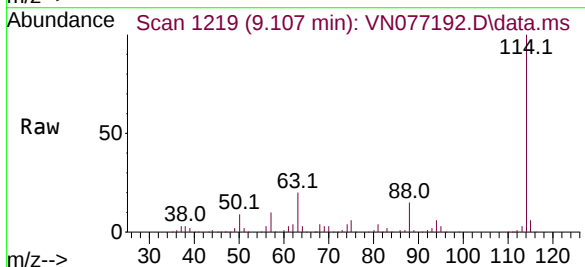
Tgt Ion: 114 Resp: 805956

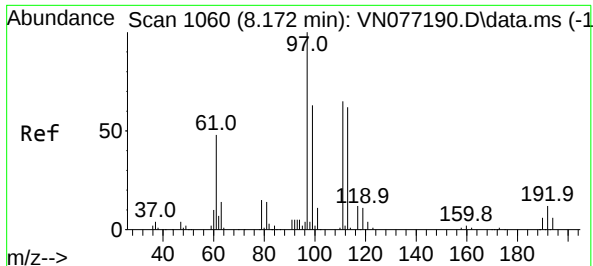
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.0

88 15.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 100.639 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

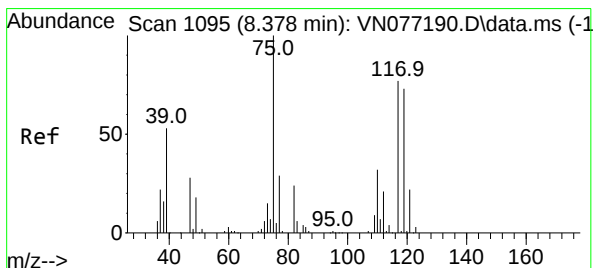
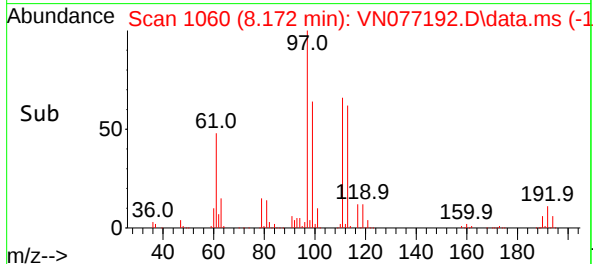
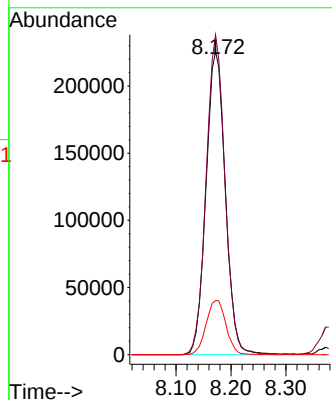
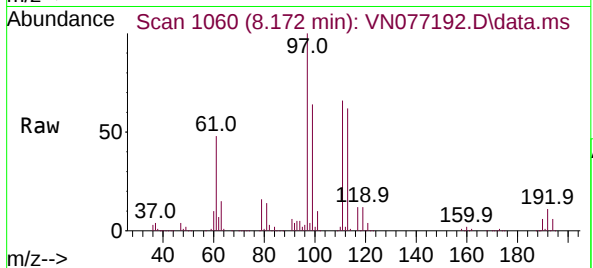
Tgt Ion:113 Resp: 552549

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 101.527 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

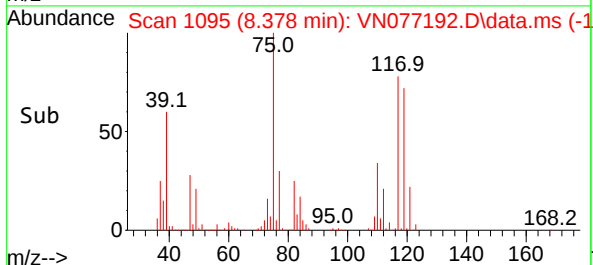
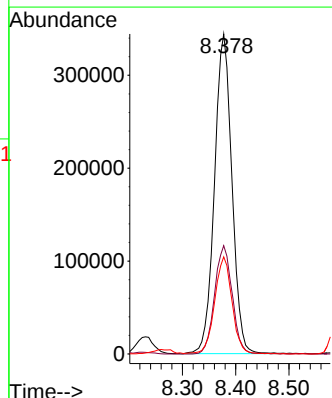
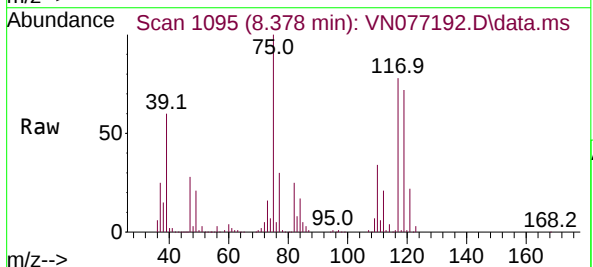
Tgt Ion: 75 Resp: 782483

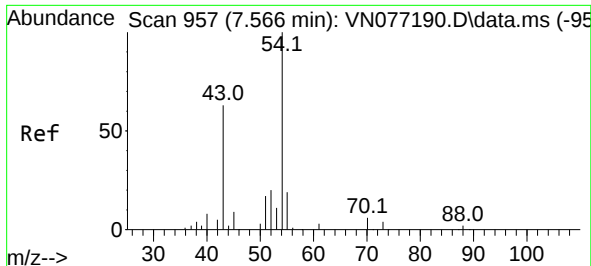
Ion Ratio Lower Upper

75 100

110 34.2 16.3 48.9

77 30.5 24.7 37.1

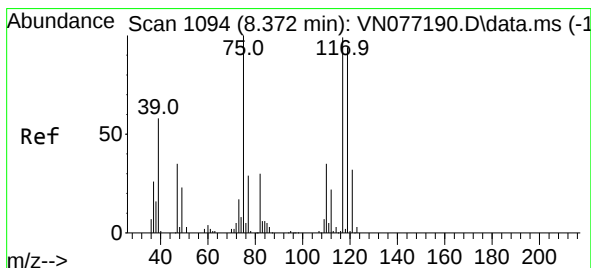
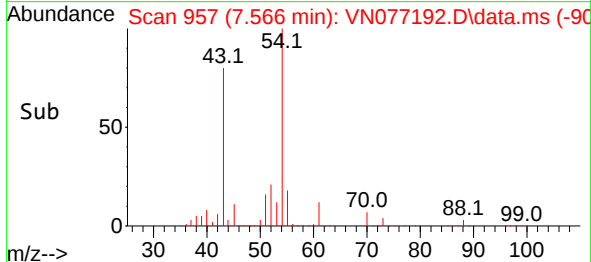
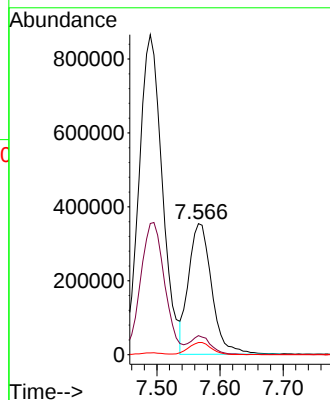
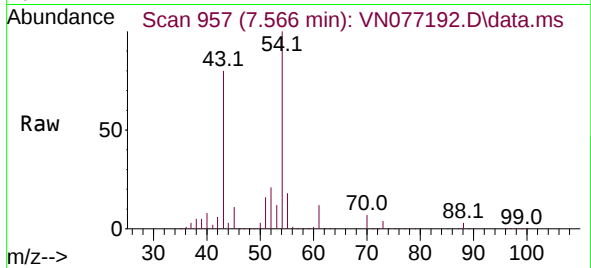




#37
Ethyl Acetate
Concen: 104.816 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

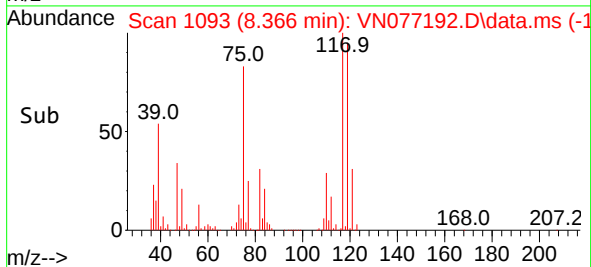
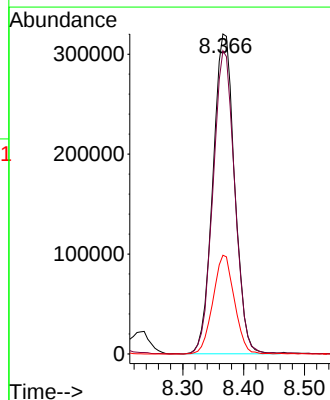
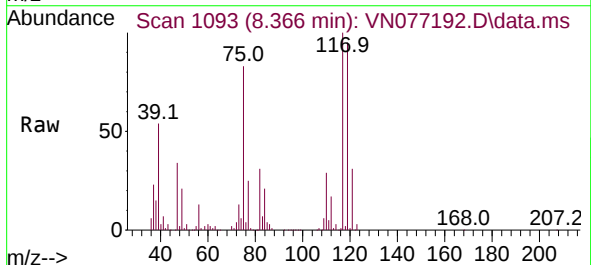
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

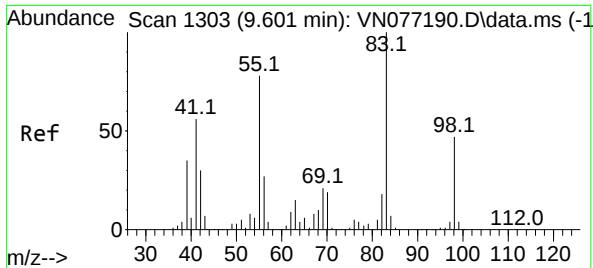
Tgt Ion: 43 Resp: 895499
Ion Ratio Lower Upper
43 100
61 13.1 9.9 14.9
70 9.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 100.056 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 117 Resp: 792374
Ion Ratio Lower Upper
117 100
119 94.7 76.6 114.8
121 30.9 25.7 38.5

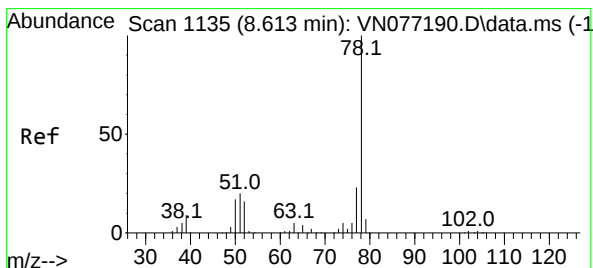
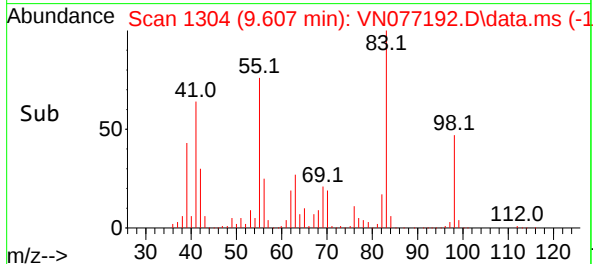
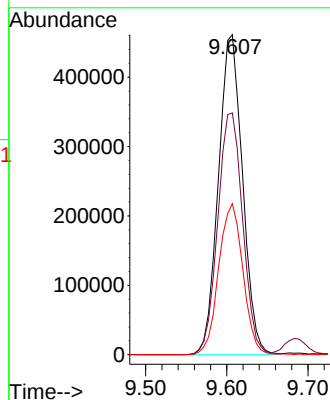
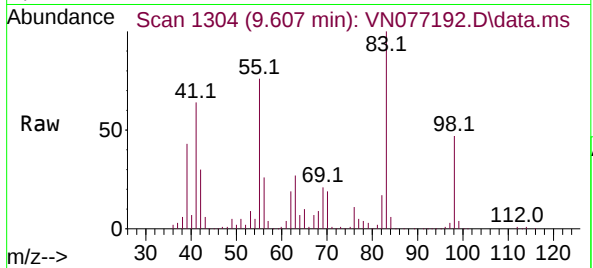




#39
Methylcyclohexane
Concen: 108.924 ug/l
RT: 9.607 min Scan# 11304
Delta R.T. 0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

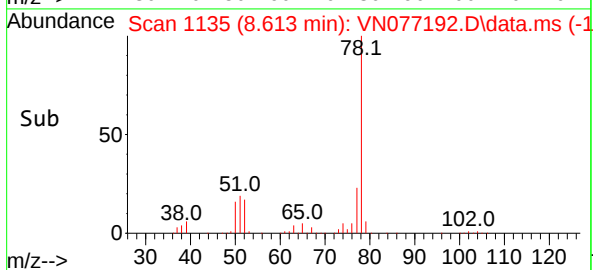
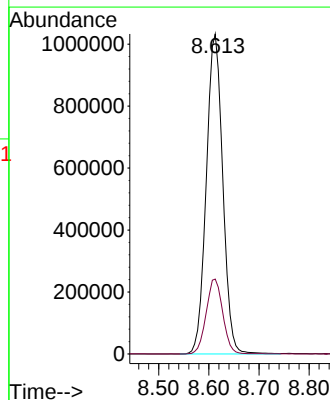
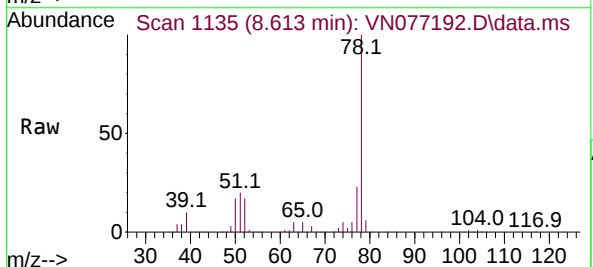
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

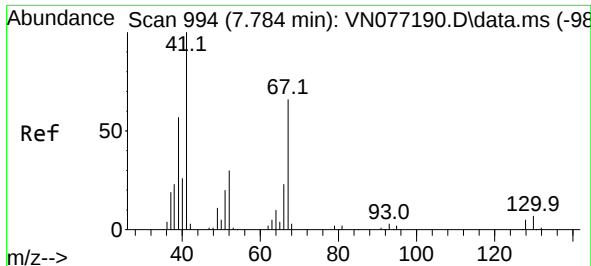
Tgt Ion: 83 Resp: 953927
Ion Ratio Lower Upper
83 100
55 75.5 62.5 93.7
98 47.2 37.3 55.9



#40
Benzene
Concen: 99.626 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 78 Resp: 2357084
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



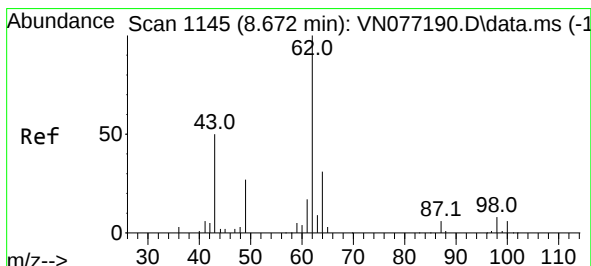
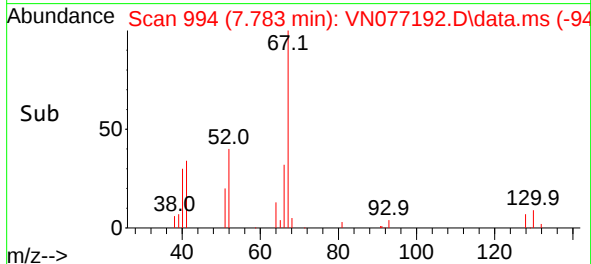
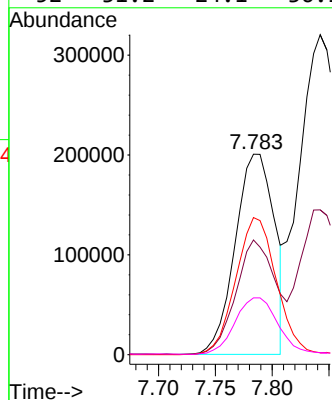
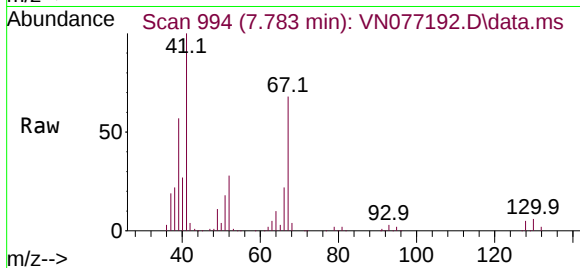


#41
Methacrylonitrile
Concen: 102.612 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 481374

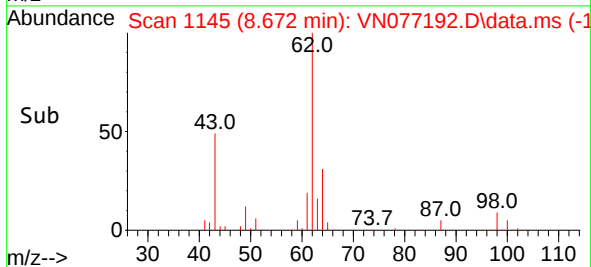
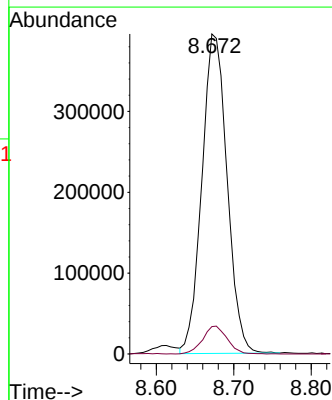
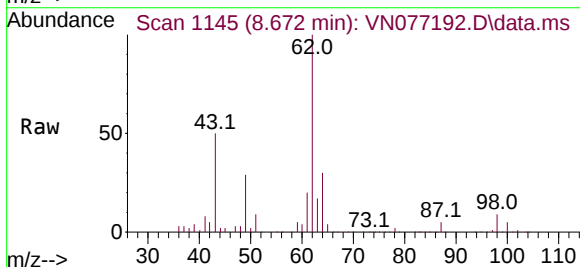
Ion	Ratio	Lower	Upper
41	100		
39	59.2	45.4	68.2
67	71.6	54.0	81.0
52	31.2	24.1	36.1

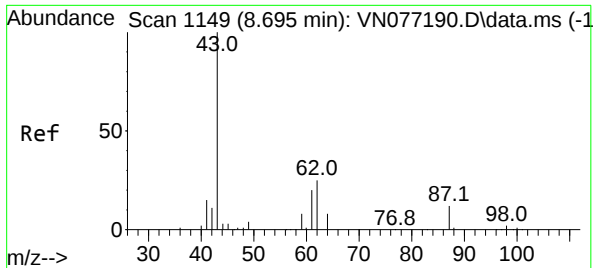


#42
1,2-Dichloroethane
Concen: 99.572 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 62 Resp: 891996

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.4

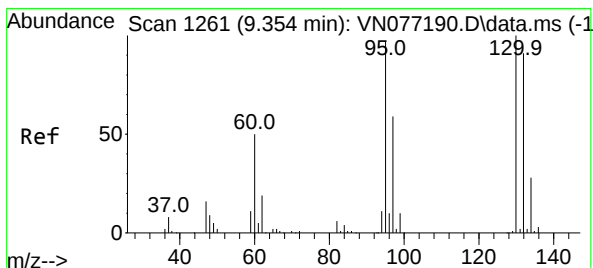
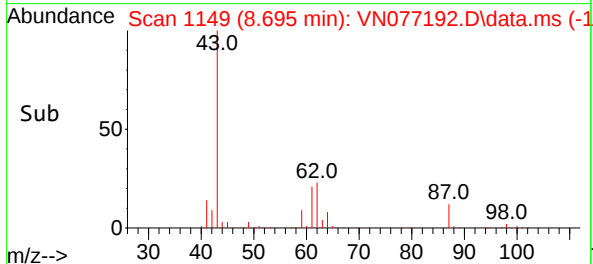
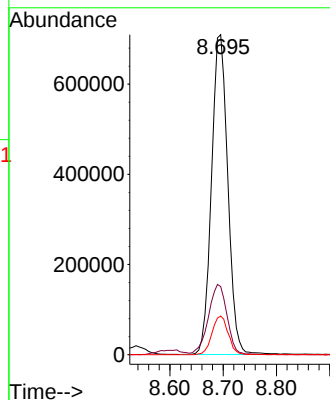
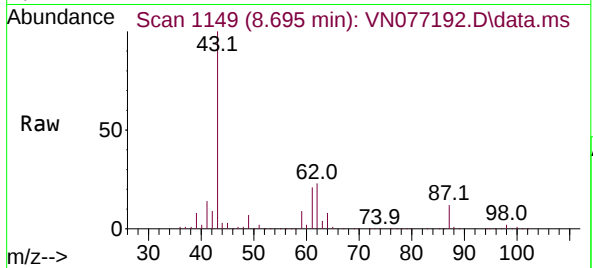




#43
Isopropyl Acetate
Concen: 110.571 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

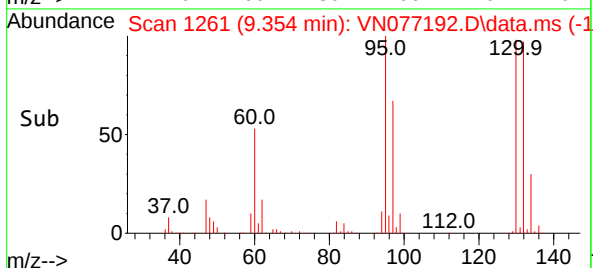
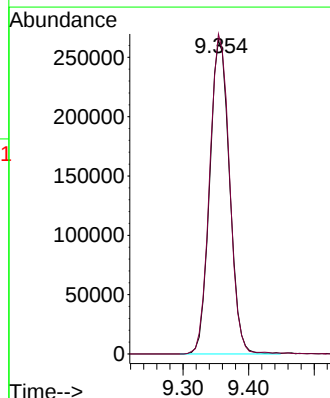
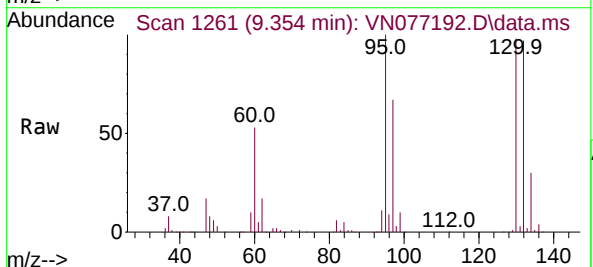
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

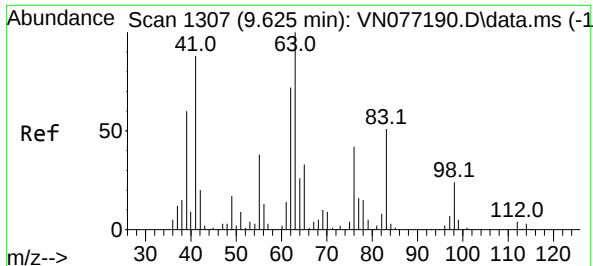
Tgt Ion: 43 Resp: 1510632
Ion Ratio Lower Upper
43 100
61 25.0 19.4 29.2
87 12.0 9.8 14.8



#44
Trichloroethene
Concen: 100.521 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:130 Resp: 555508
Ion Ratio Lower Upper
130 100
95 102.1 0.0 193.4





#45

1,2-Dichloropropane

Concen: 100.862 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

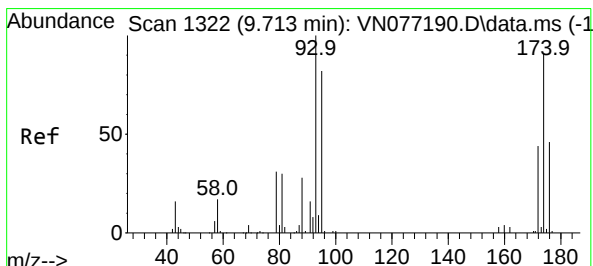
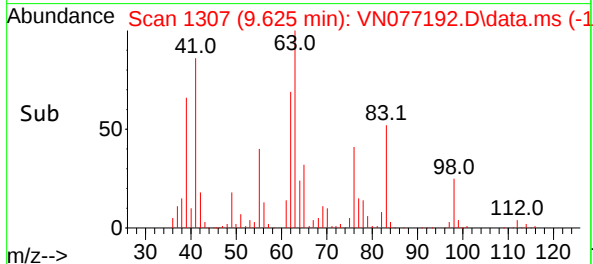
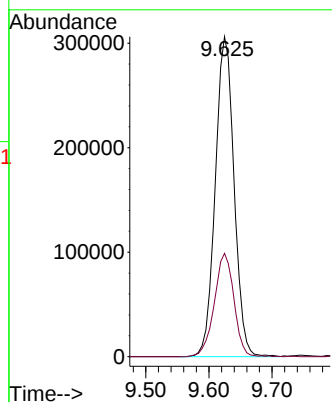
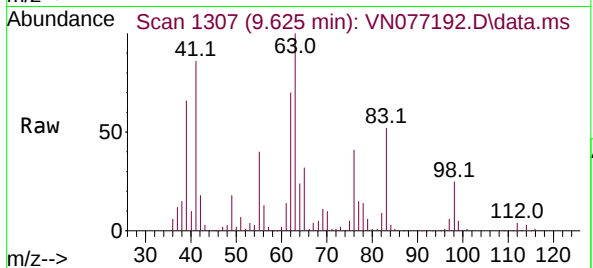
VSTDICC100

Tgt Ion: 63 Resp: 632894

Ion Ratio Lower Upper

63 100

65 32.3 26.2 39.4



#46

Dibromomethane

Concen: 104.314 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

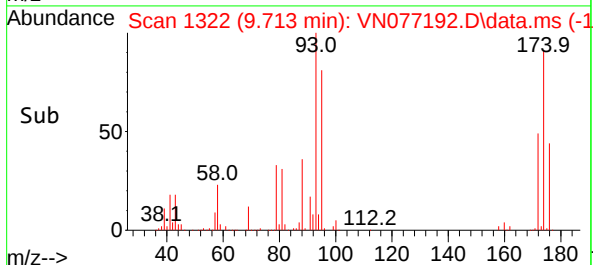
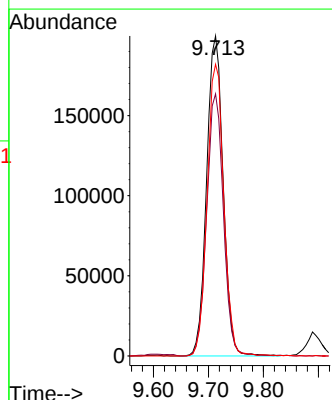
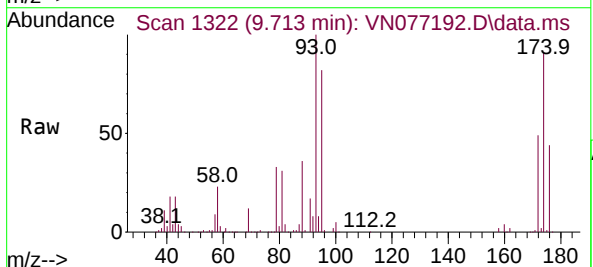
Tgt Ion: 93 Resp: 418054

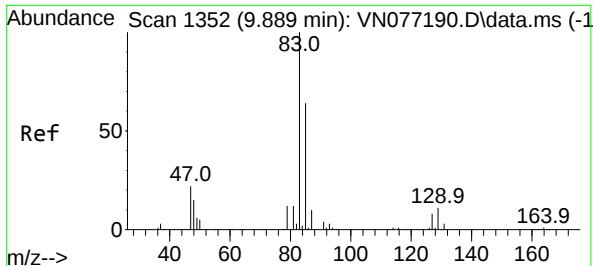
Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

174 91.4 73.2 109.8

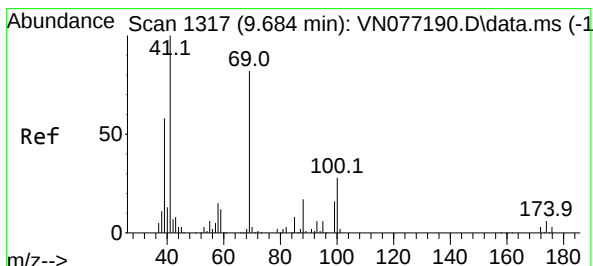
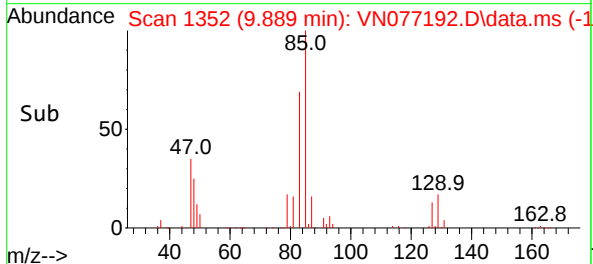
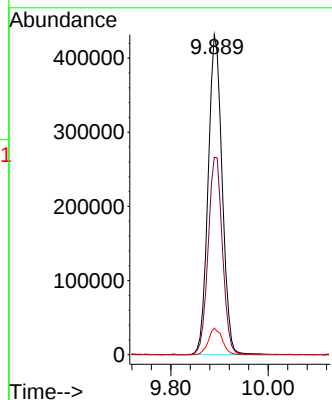
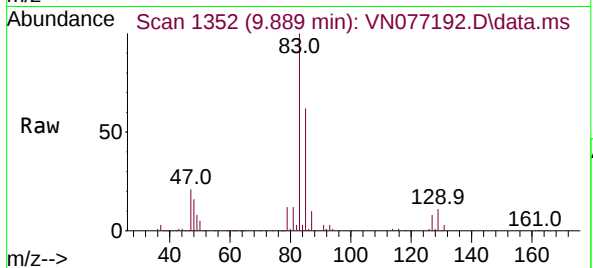




#47
Bromodichloromethane
Concen: 103.772 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

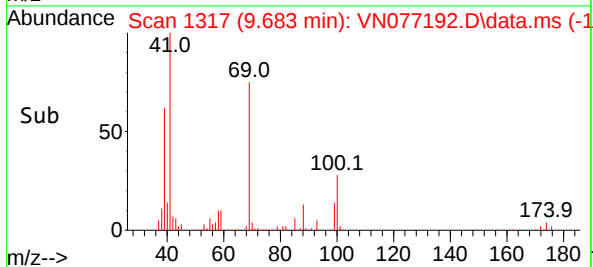
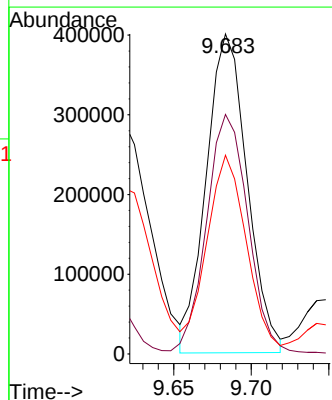
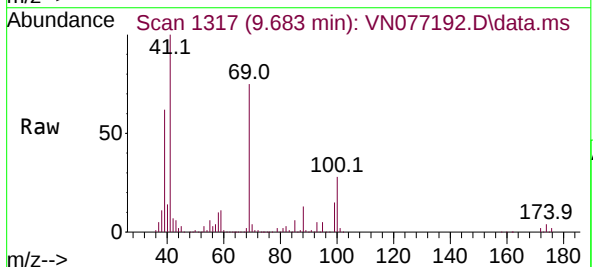
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

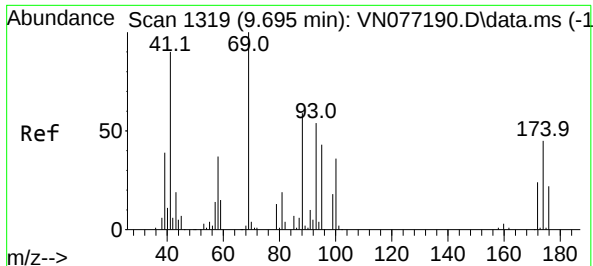
Tgt Ion: 83 Resp: 857809
Ion Ratio Lower Upper
83 100
85 61.7 51.4 77.0
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 110.989 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 41 Resp: 733111
Ion Ratio Lower Upper
41 100
69 76.6 60.9 91.3
39 61.2 49.3 73.9





#49

1,4-Dioxane

Concen: 2118.231 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

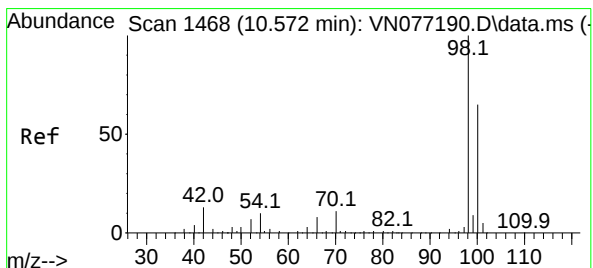
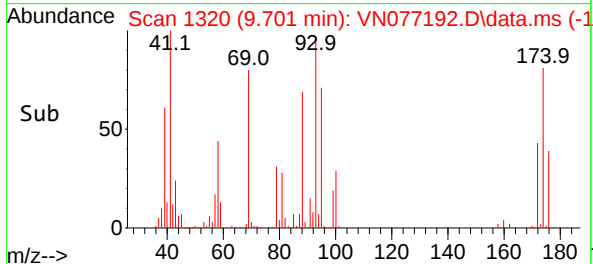
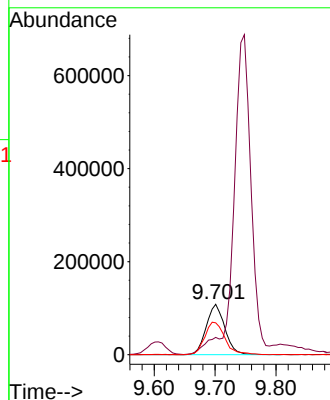
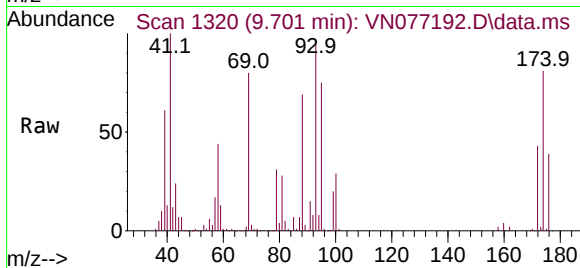
Tgt Ion: 88 Resp: 229371

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 70.1 56.2 84.2



#50

Toluene-d8

Concen: 101.586 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077192.D

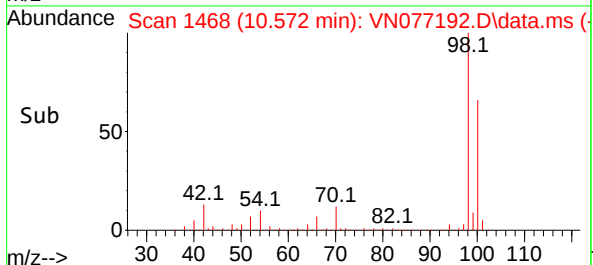
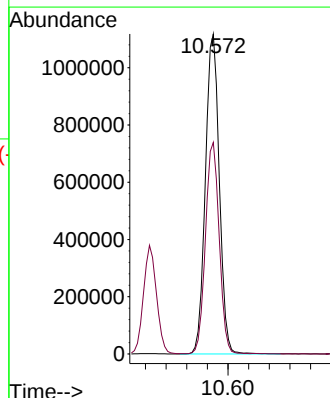
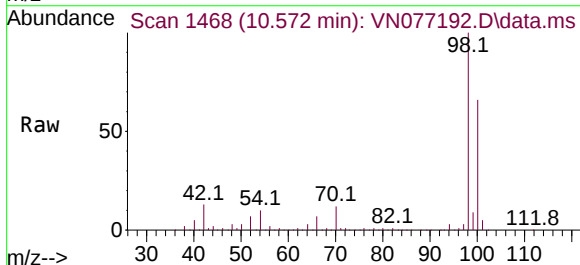
Acq: 24 Mar 2023 22:54

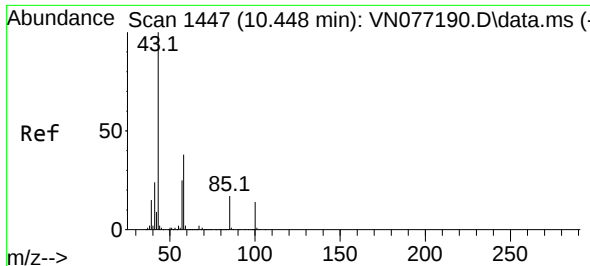
Tgt Ion: 98 Resp: 2087199

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5

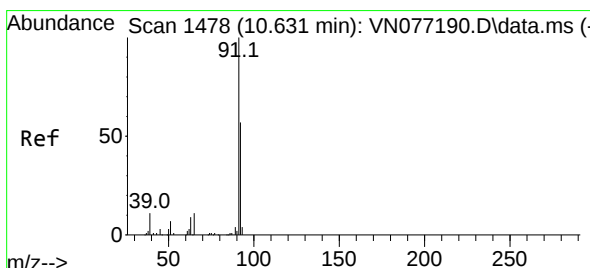
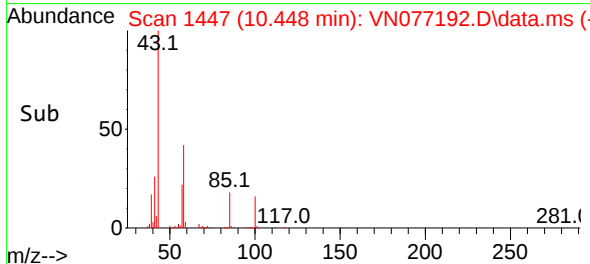
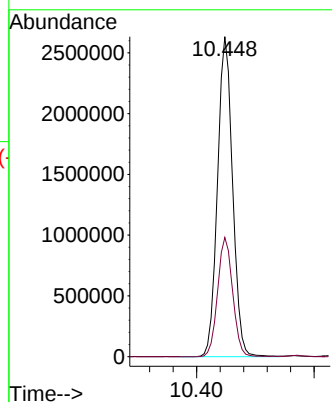
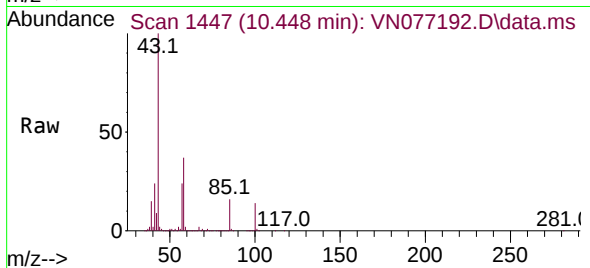




#51
4-Methyl-2-Pentanone
Concen: 559.561 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

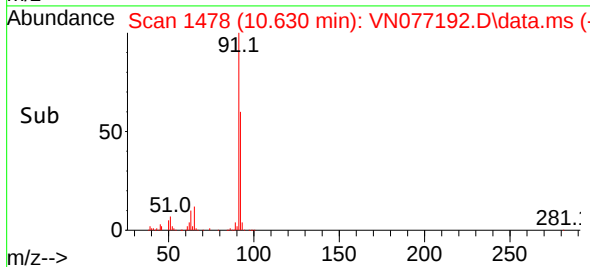
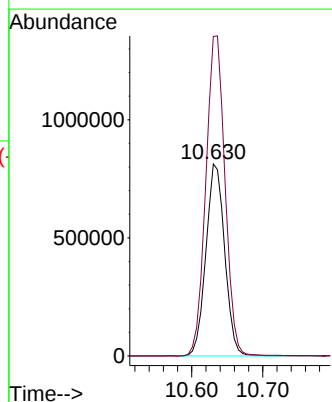
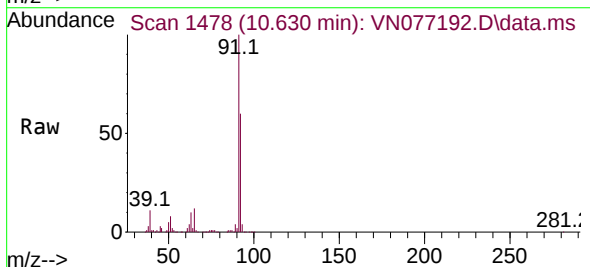
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

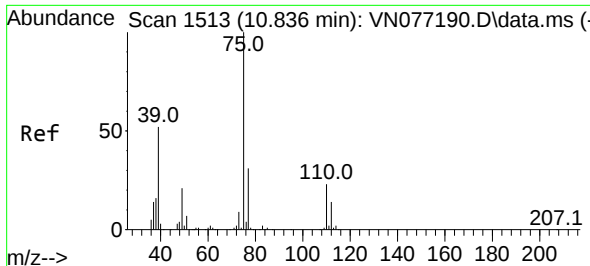
Tgt Ion: 43 Resp: 4680762
Ion Ratio Lower Upper
43 100
58 37.1 29.5 44.3



#52
Toluene
Concen: 105.360 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 92 Resp: 1493642
Ion Ratio Lower Upper
92 100
91 170.7 137.6 206.4

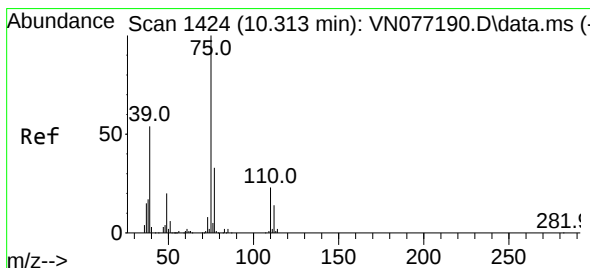
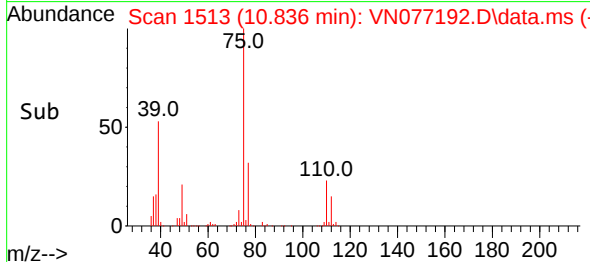
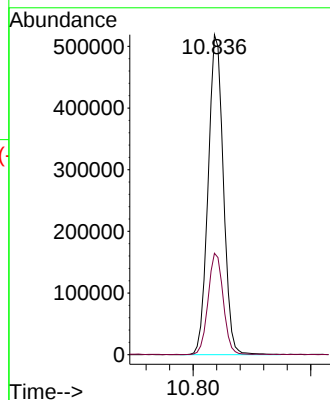
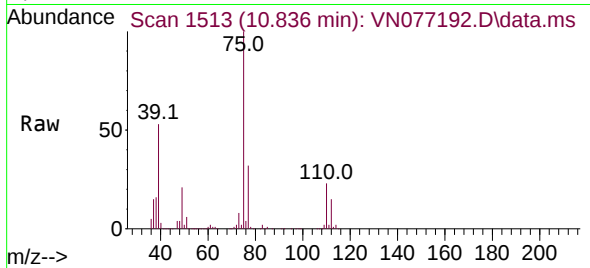




#53
t-1,3-Dichloropropene
Concen: 113.621 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

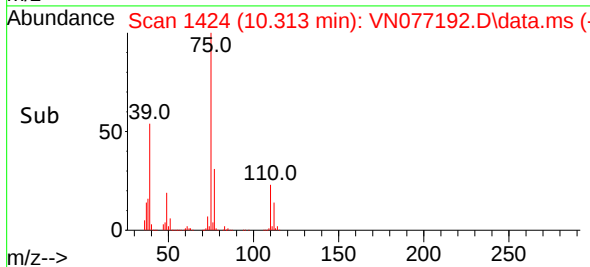
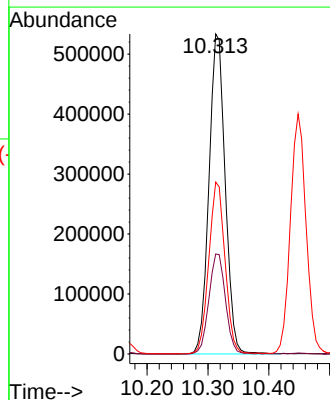
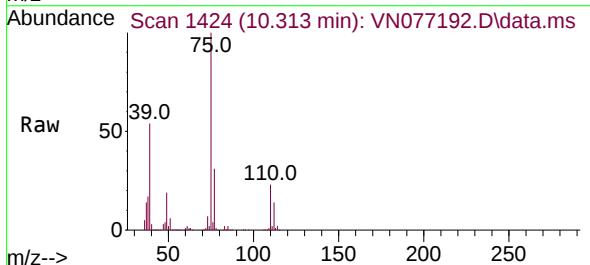
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

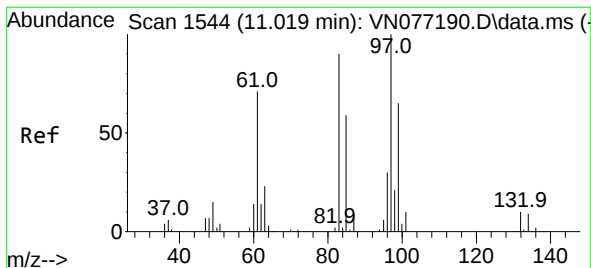
Tgt Ion: 75 Resp: 928965
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 110.215 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 75 Resp: 987943
Ion Ratio Lower Upper
75 100
77 31.2 26.6 40.0
39 53.7 43.5 65.3





#55

1,1,2-Trichloroethane

Concen: 105.744 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 579569

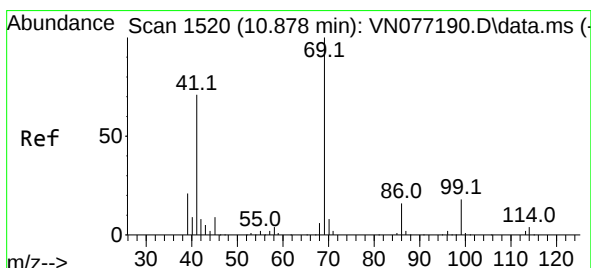
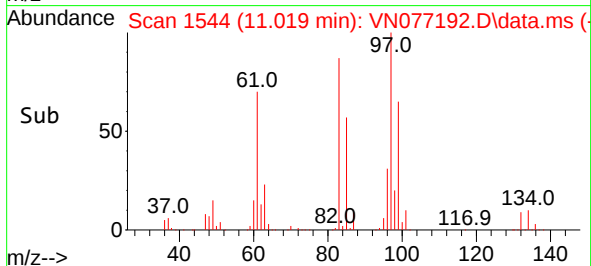
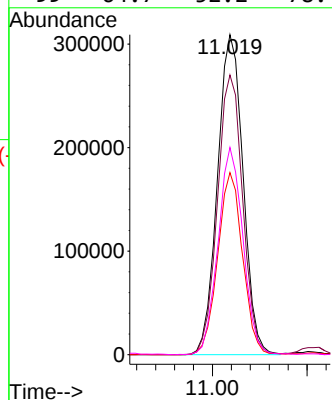
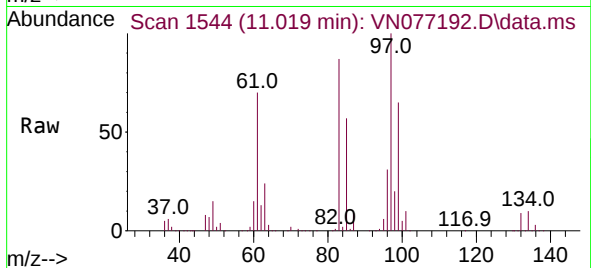
Ion Ratio Lower Upper

97 100

83 87.4 72.4 108.6

85 56.9 46.9 70.3

99 64.7 52.2 78.4



#56

Ethyl methacrylate

Concen: 103.689 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

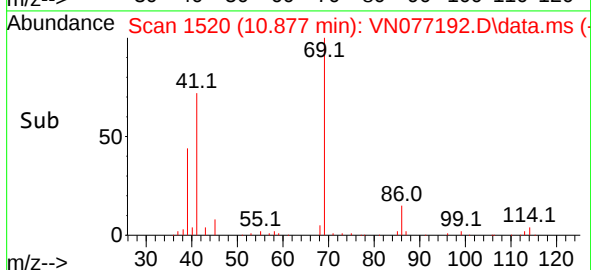
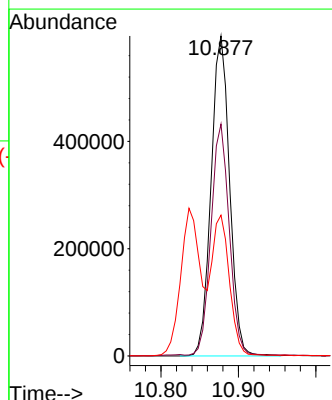
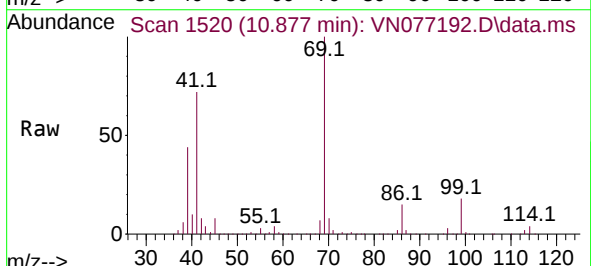
Tgt Ion: 69 Resp: 990462

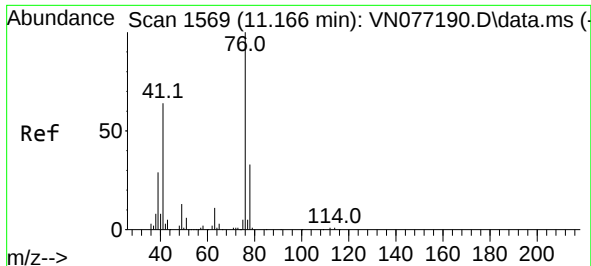
Ion Ratio Lower Upper

69 100

41 71.1 59.8 89.8

39 40.4 32.5 48.7





#57

1,3-Dichloropropane

Concen: 104.904 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

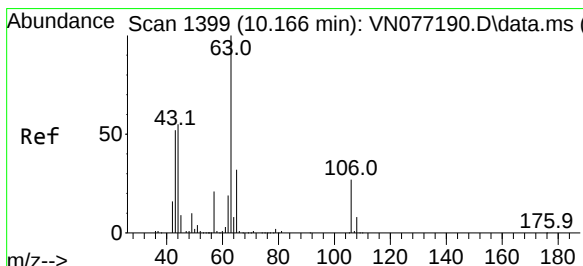
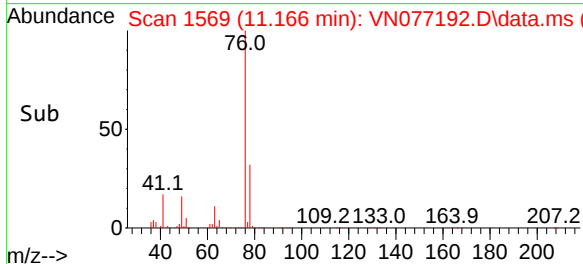
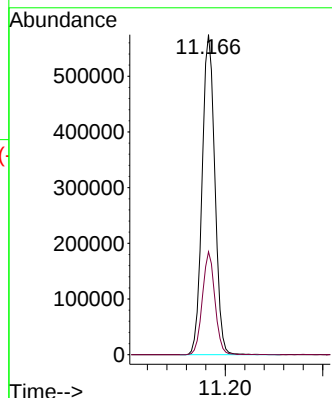
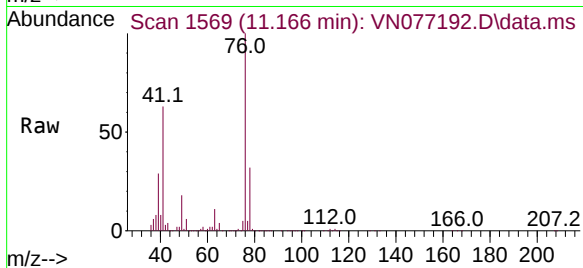
VSTDIC100

Tgt Ion: 76 Resp: 1040730

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 500.271 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077192.D

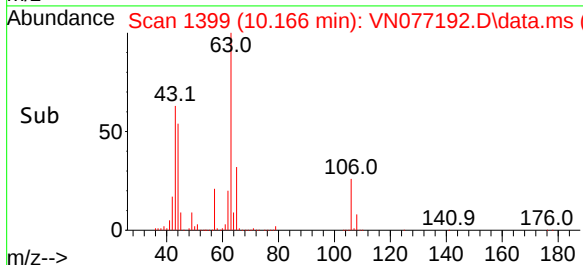
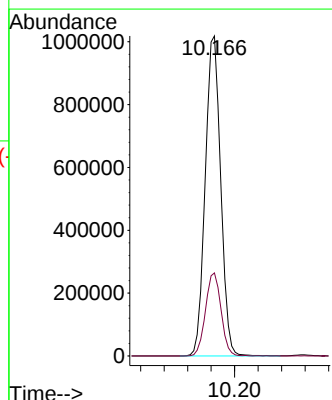
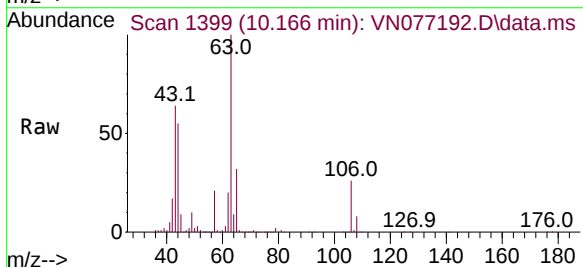
Acq: 24 Mar 2023 22:54

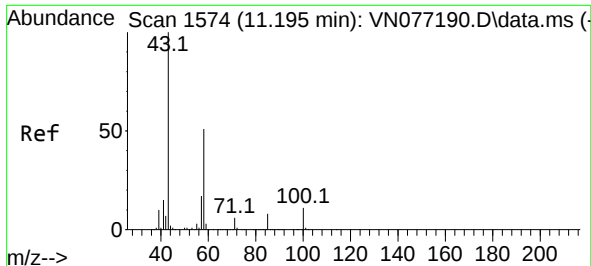
Tgt Ion: 63 Resp: 1853655

Ion Ratio Lower Upper

63 100

106 26.1 20.9 31.3

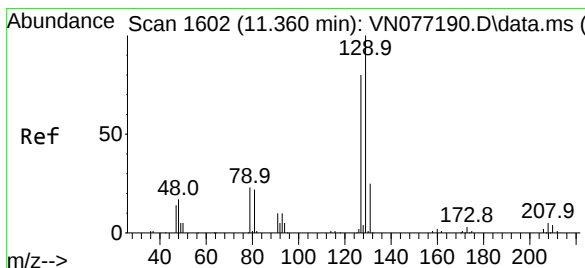
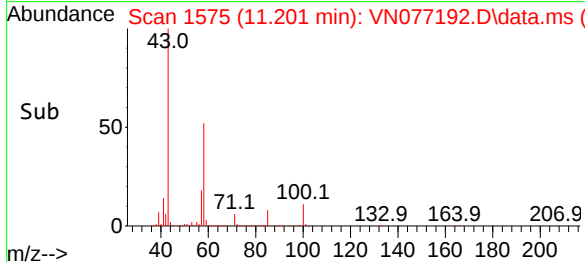
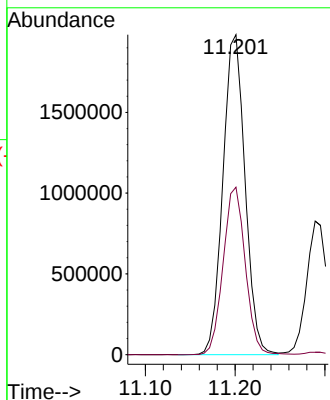
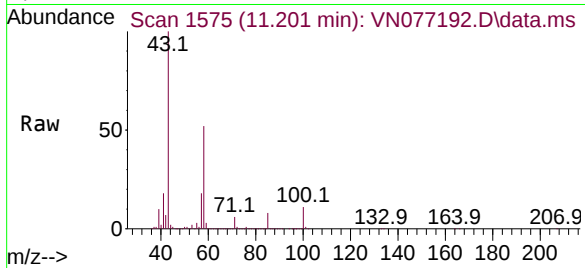




#59
2-Hexanone
Concen: 573.138 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

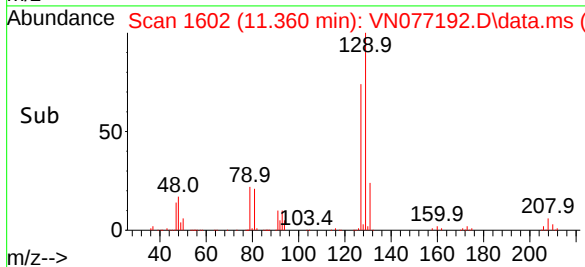
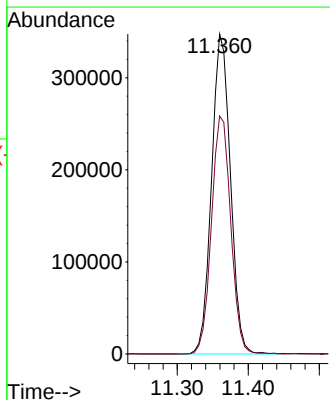
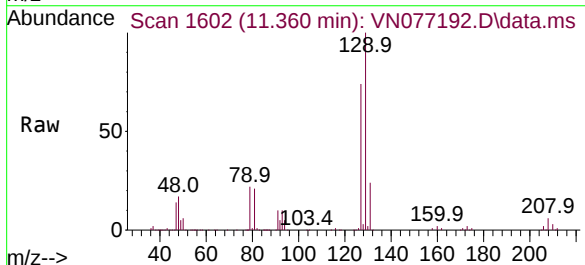
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

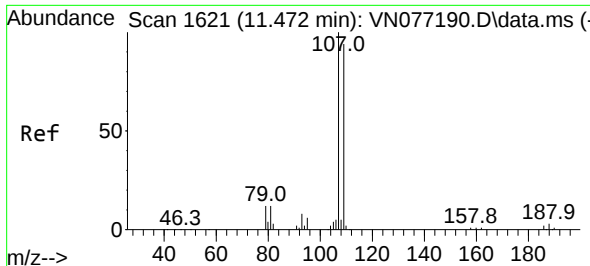
Tgt Ion: 43 Resp: 3397697
Ion Ratio Lower Upper
43 100
58 52.3 25.8 77.4



#60
Dibromochloromethane
Concen: 111.577 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 129 Resp: 639207
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.7

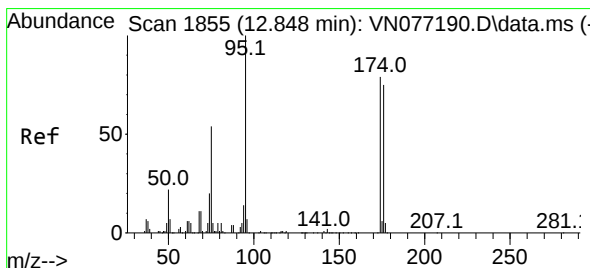
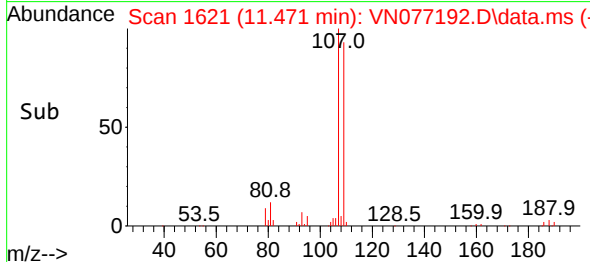
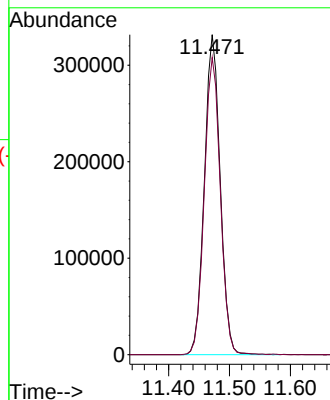
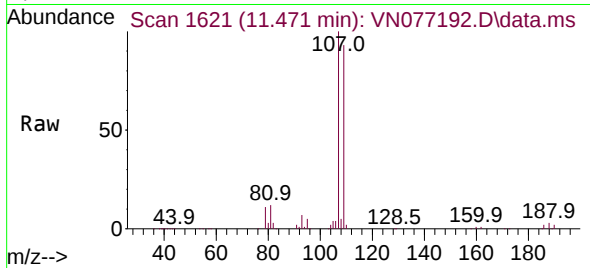




#61
1,2-Dibromoethane
Concen: 107.421 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

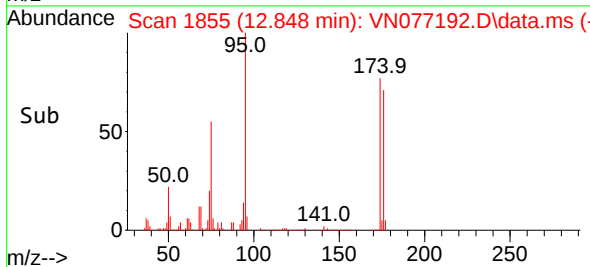
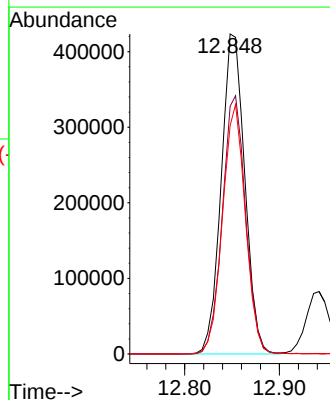
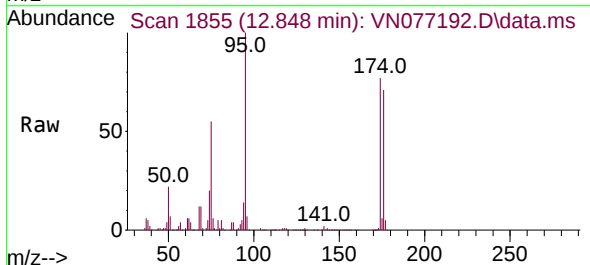
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

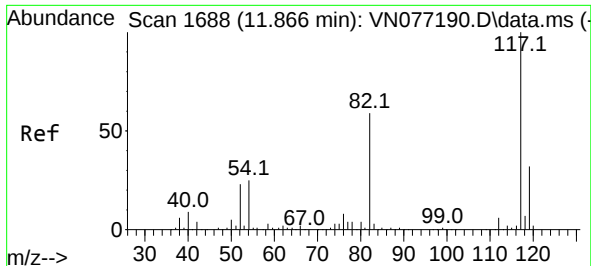
Tgt Ion:107 Resp: 597077
Ion Ratio Lower Upper
107 100
109 94.4 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 107.831 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 95 Resp: 733739
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.0
176 75.6 0.0 150.8

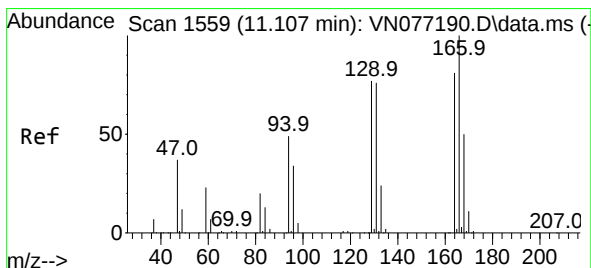
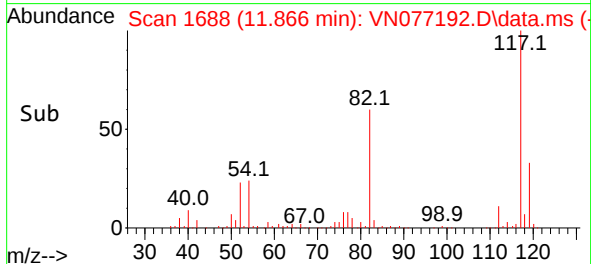
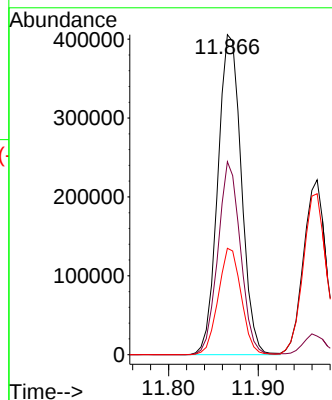
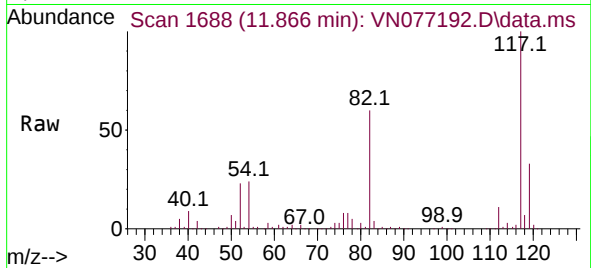




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

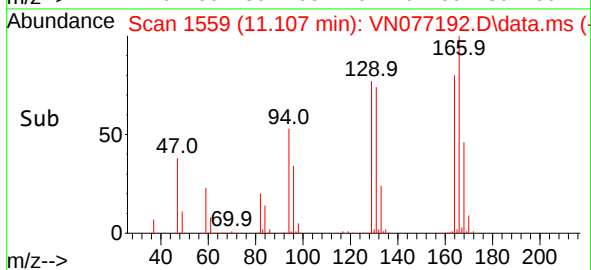
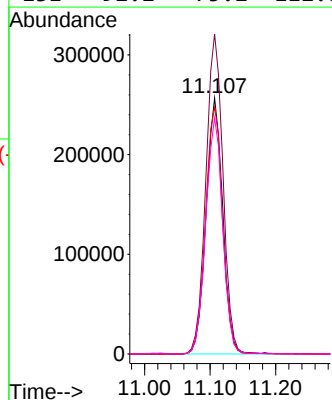
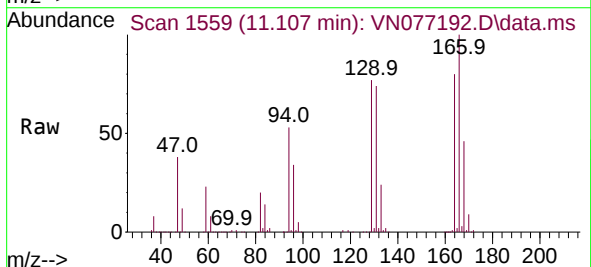
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

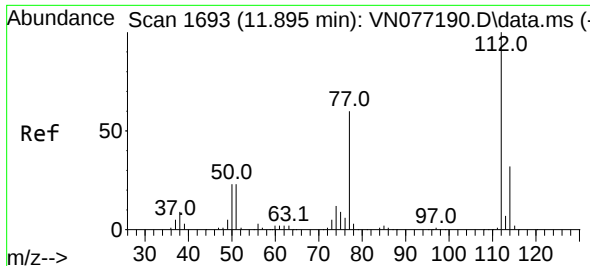
Tgt Ion:117 Resp: 738919
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.6
119 33.3 25.7 38.5



#64
Tetrachloroethene
Concen: 98.162 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:164 Resp: 455317
Ion Ratio Lower Upper
164 100
166 125.0 99.4 149.0
129 96.4 76.6 114.8
131 92.2 75.2 112.8

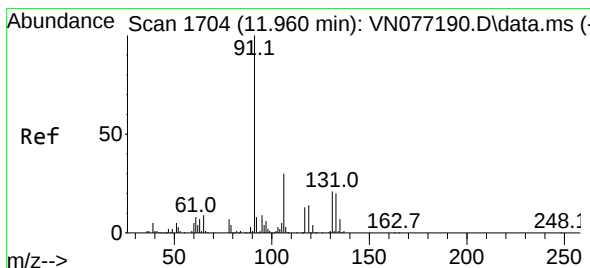
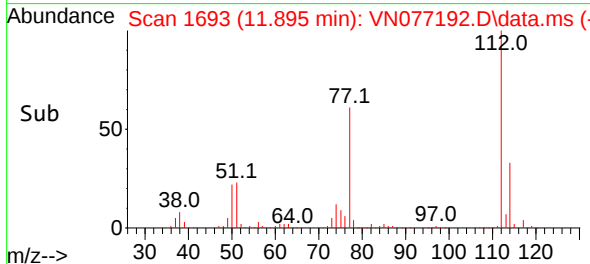
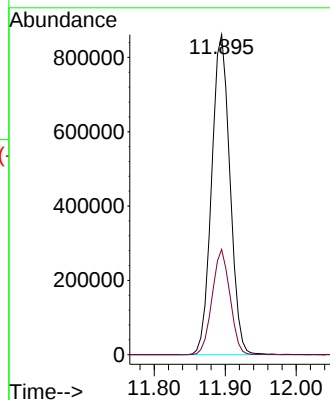
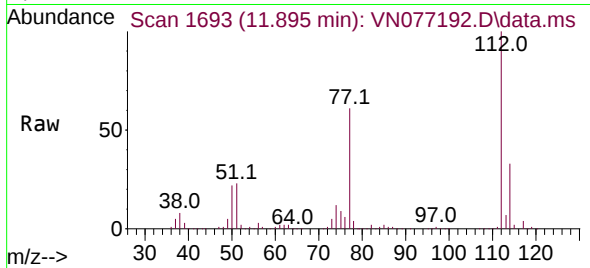




#65
Chlorobenzene
Concen: 100.458 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

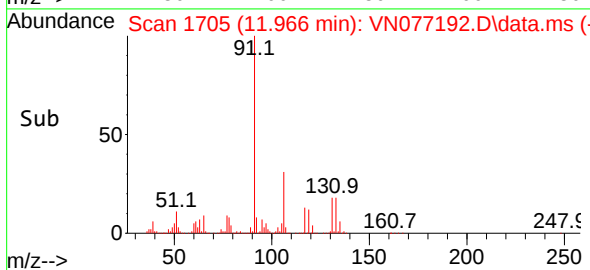
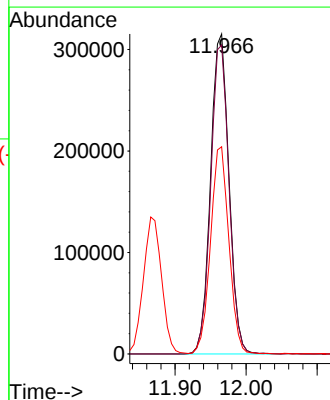
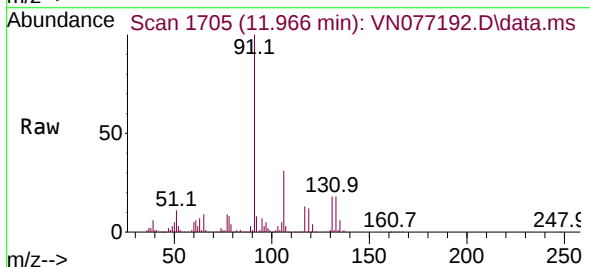
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

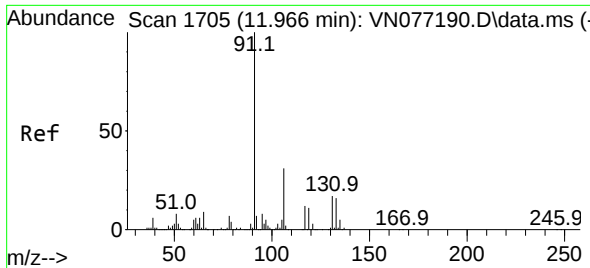
Tgt Ion:112 Resp: 1539961
Ion Ratio Lower Upper
112 100
114 32.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 102.793 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:131 Resp: 567085
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.8
119 64.8 33.5 100.5

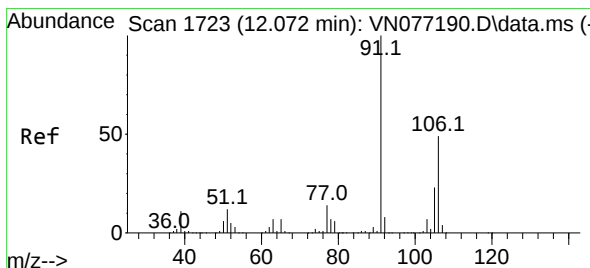
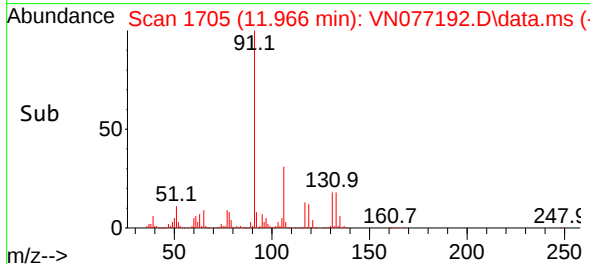
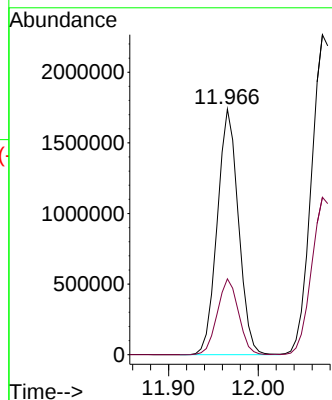
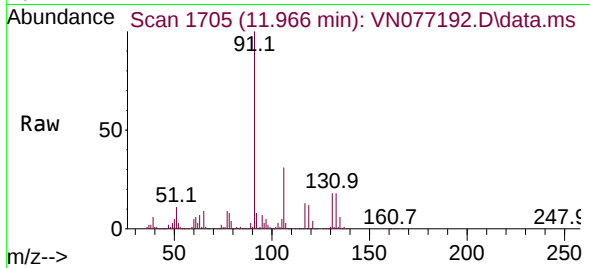




#67
Ethyl Benzene
Concen: 106.405 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

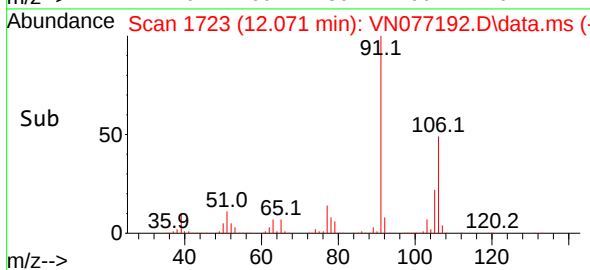
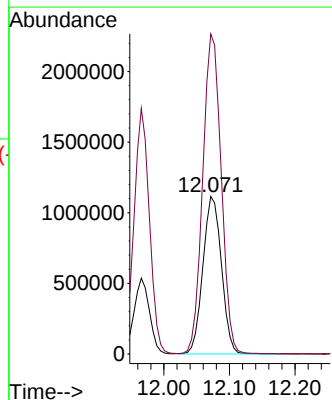
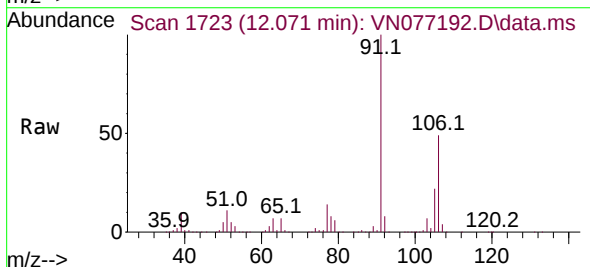
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

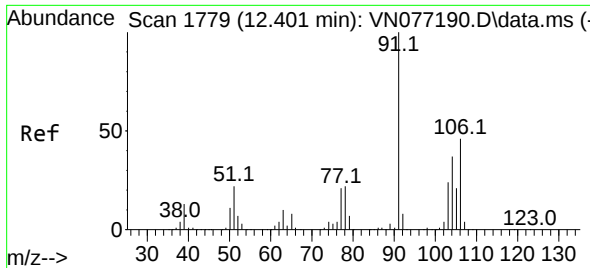
Tgt Ion: 91 Resp: 2845350
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#68
m/p-Xylenes
Concen: 222.672 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:106 Resp: 2194353
Ion Ratio Lower Upper
106 100
91 202.9 165.8 248.8

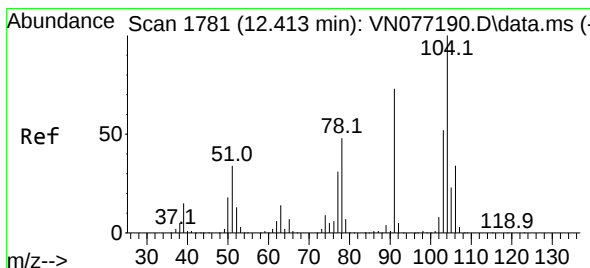
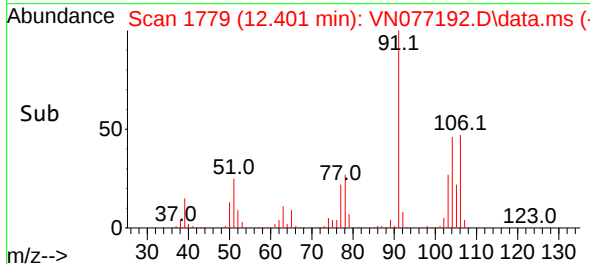
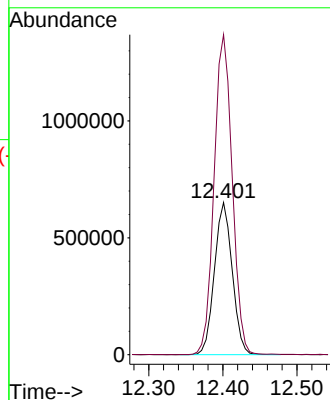
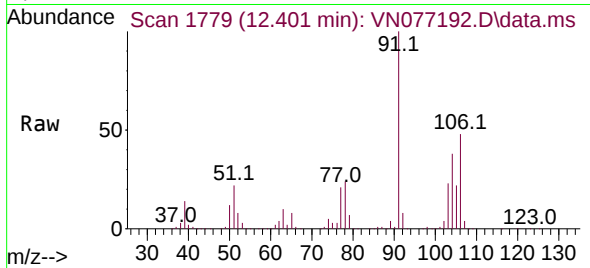




#69
o-Xylene
Concen: 111.721 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

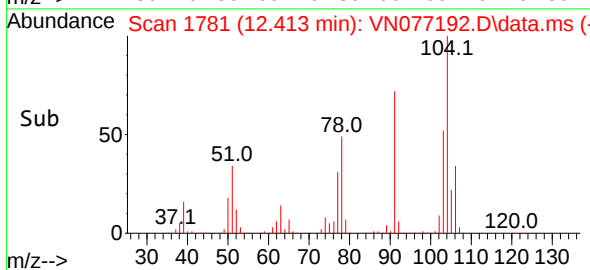
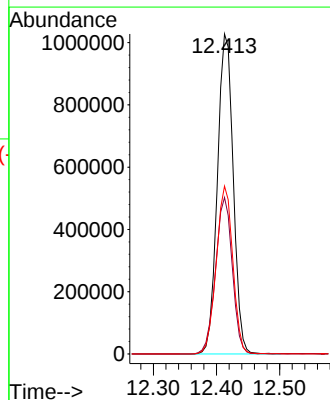
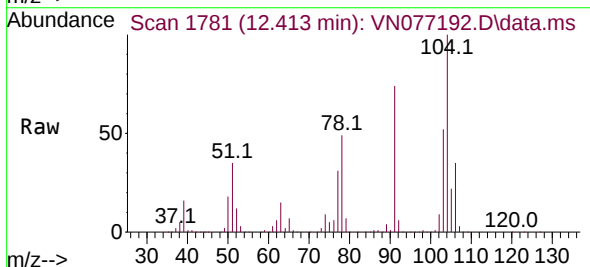
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

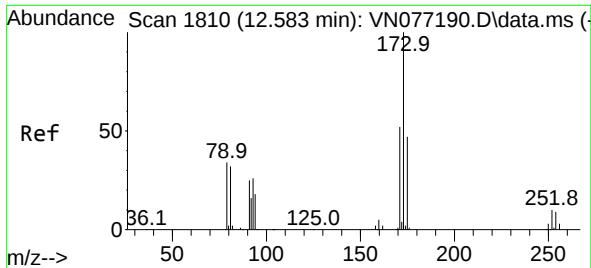
Tgt Ion:106 Resp: 1085398
Ion Ratio Lower Upper
106 100
91 214.4 108.7 326.1



#70
Styrene
Concen: 97.457 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:104 Resp: 1790125
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 54.8 44.1 66.1

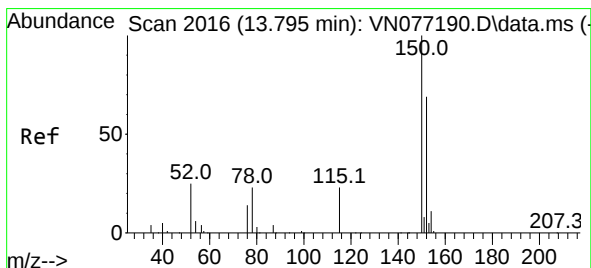
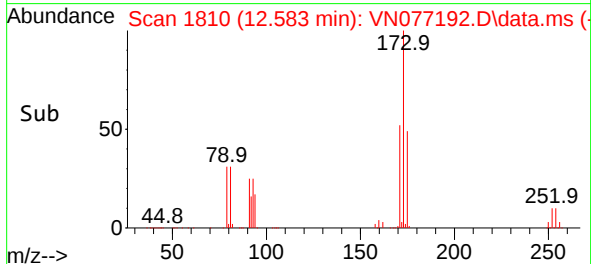
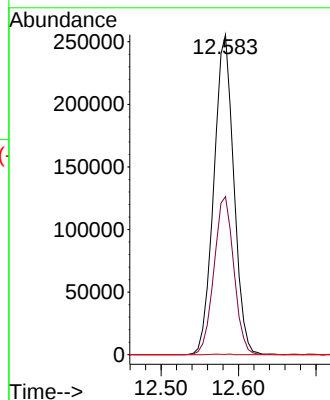
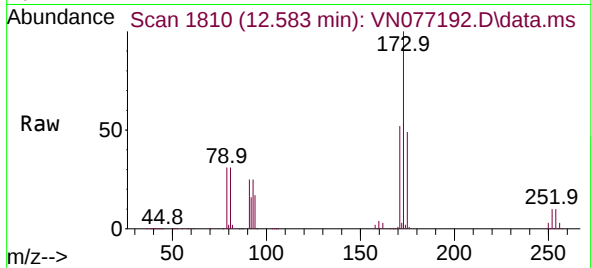




#71
Bromoform
Concen: 113.966 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

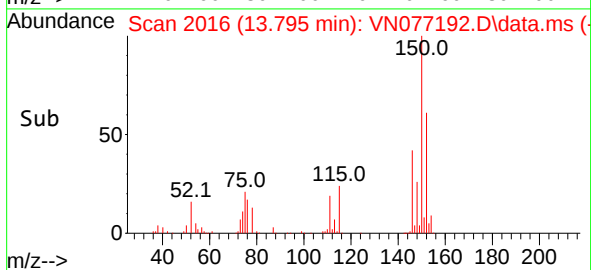
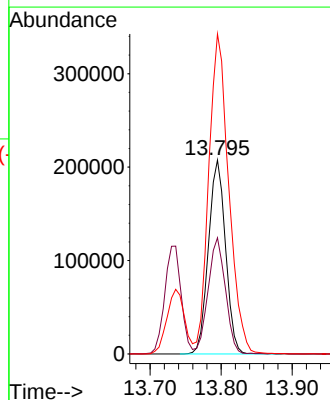
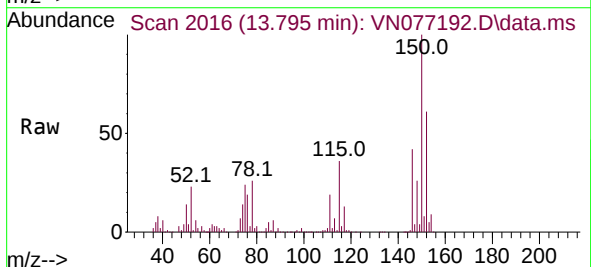
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

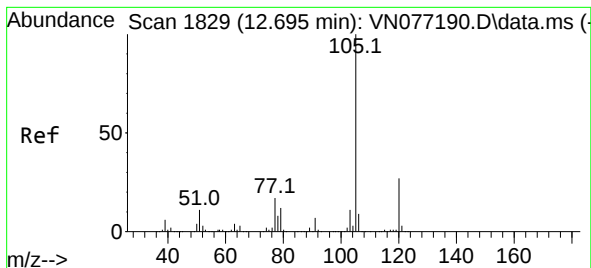
Tgt Ion:173 Resp: 457183
Ion Ratio Lower Upper
173 100
175 49.3 23.8 71.4
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:152 Resp: 347614
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.2
150 192.6 0.0 345.6





#73

Isopropylbenzene

Concen: 104.484 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

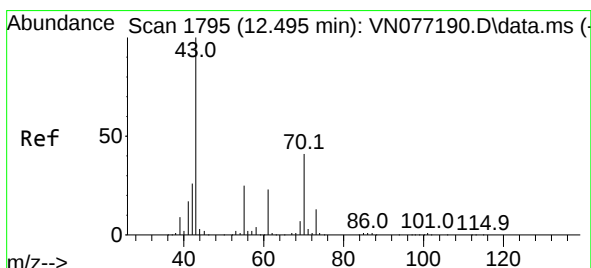
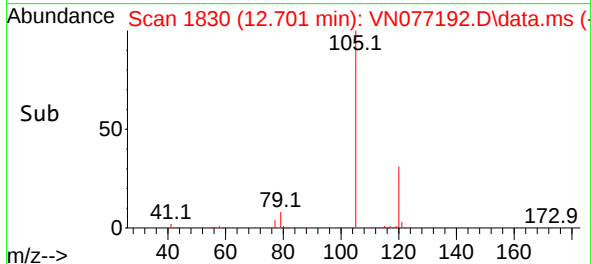
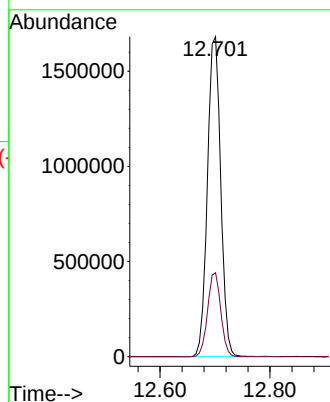
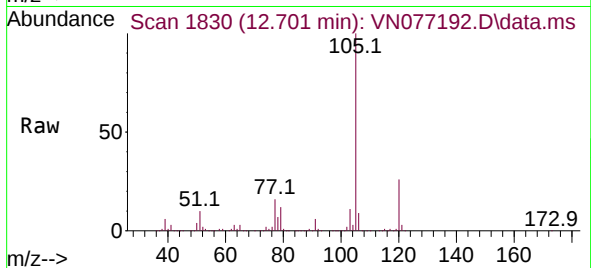
VSTDIC100

Tgt Ion:105 Resp: 2816915

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4



#74

N-ethyl acetate

Concen: 113.726 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Tgt Ion: 43 Resp: 1339736

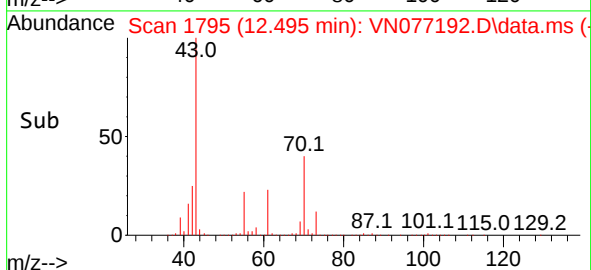
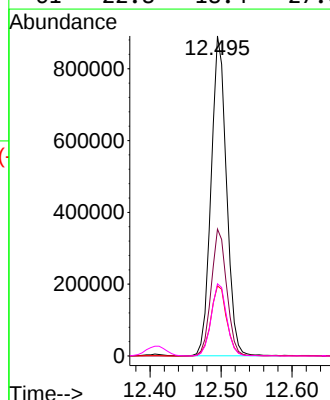
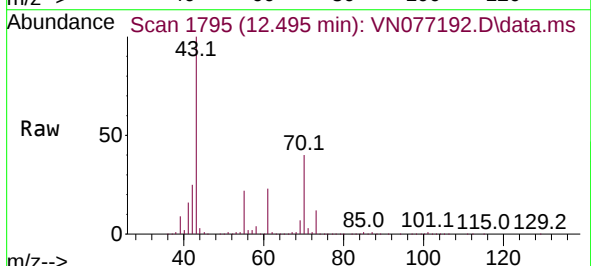
Ion Ratio Lower Upper

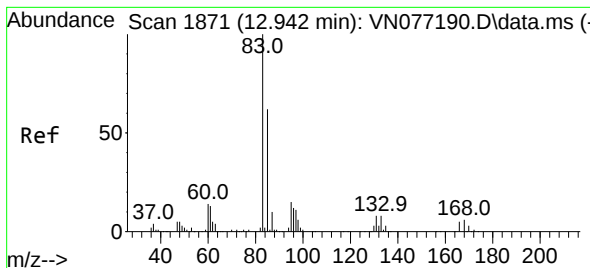
43 100

70 40.0 32.8 49.2

55 22.6 20.2 30.2

61 22.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 102.767 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

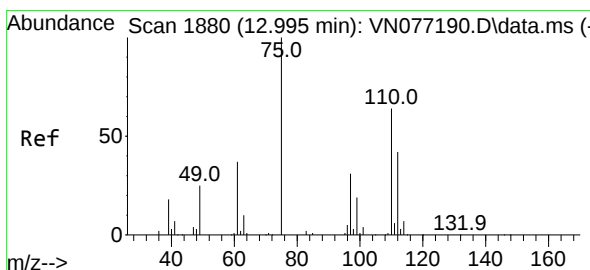
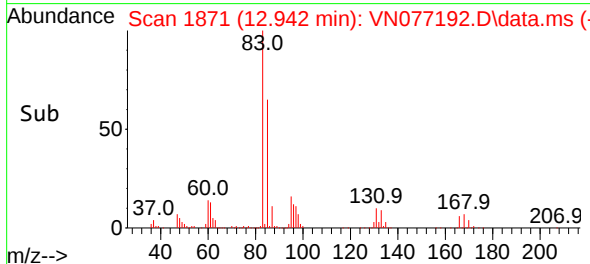
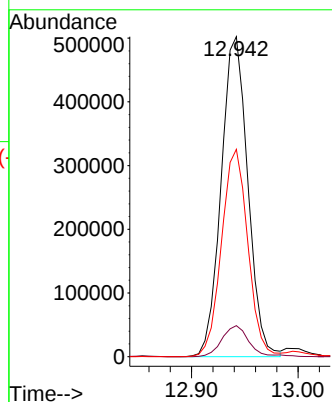
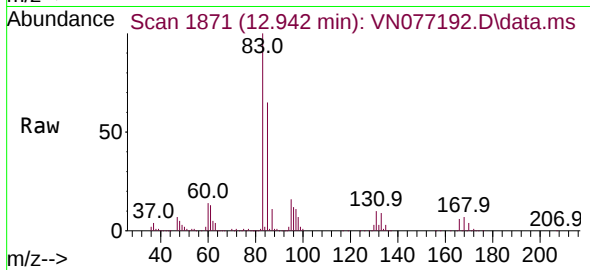
Tgt Ion: 83 Resp: 874376

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 63.9 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 132.750 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077192.D

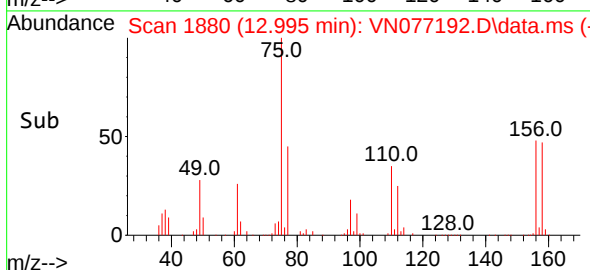
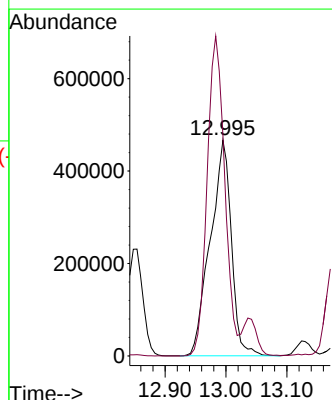
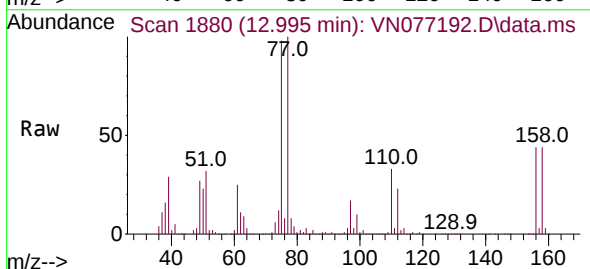
Acq: 24 Mar 2023 22:54

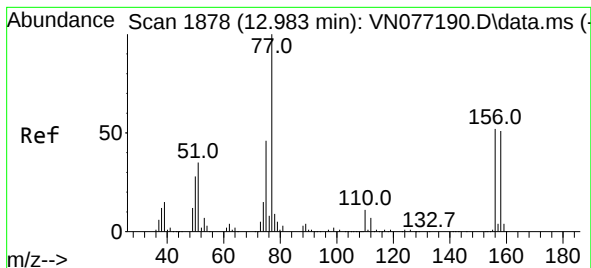
Tgt Ion: 75 Resp: 1119426

Ion Ratio Lower Upper

75 100

77 123.7 92.5 277.3





#77

Bromobenzene

Concen: 99.418 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

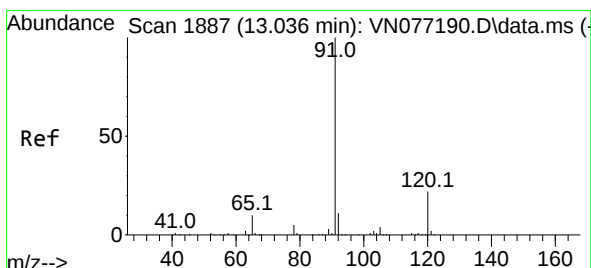
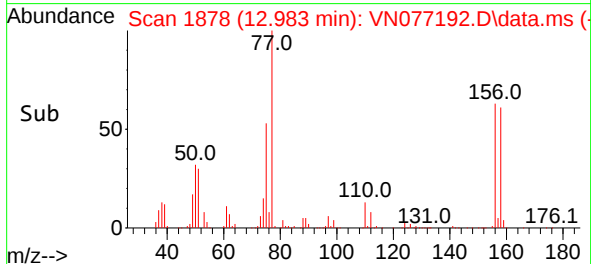
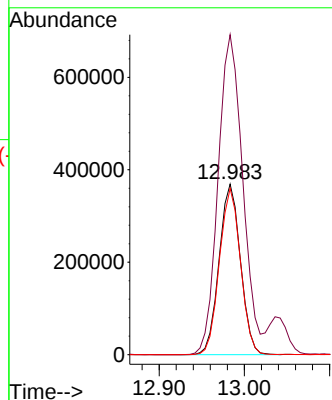
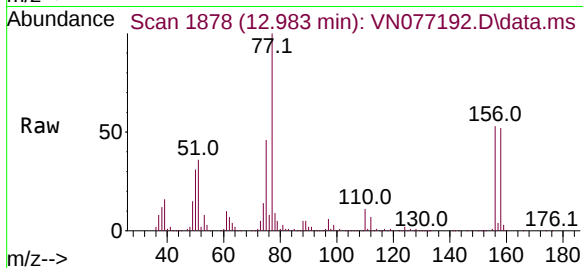
Tgt Ion:156 Resp: 642194

Ion Ratio Lower Upper

156 100

77 215.7 110.3 330.9

158 96.0 48.8 146.4



#78

n-propylbenzene

Concen: 107.923 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077192.D

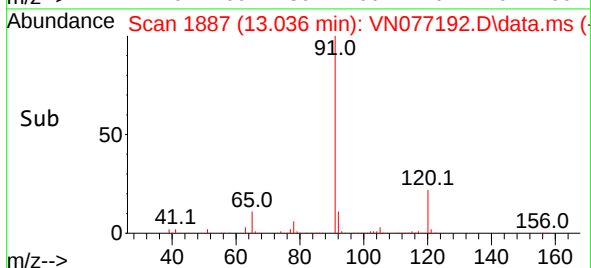
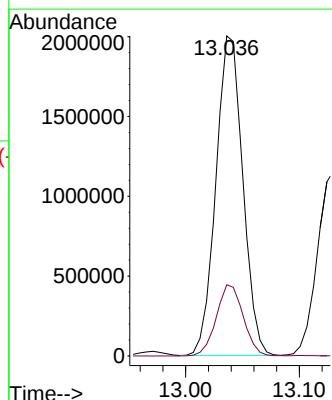
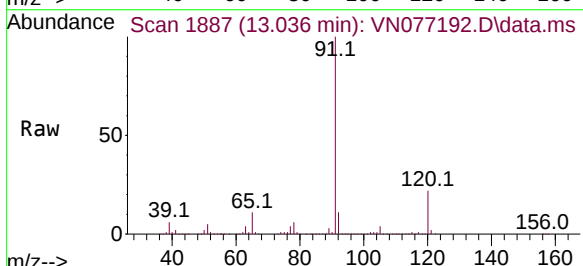
Acq: 24 Mar 2023 22:54

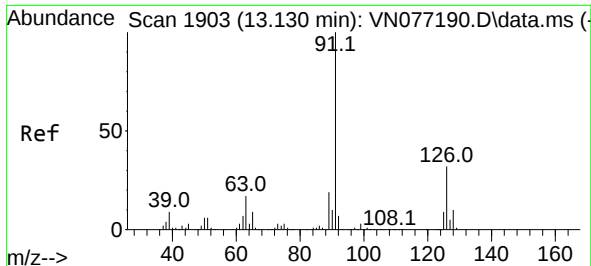
Tgt Ion: 91 Resp: 3298344

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.3

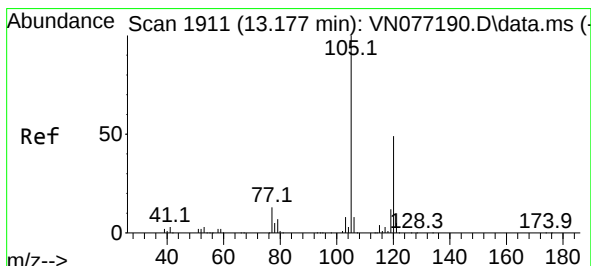
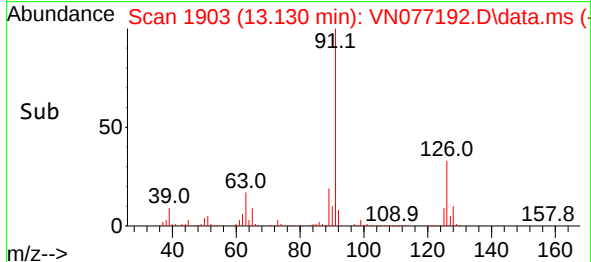
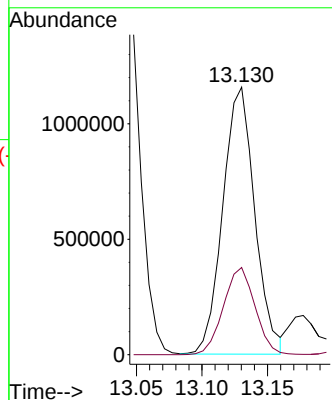
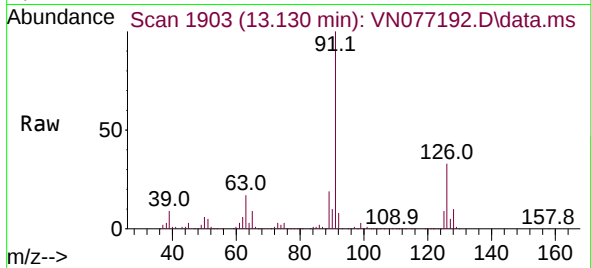




#79
2-Chlorotoluene
Concen: 101.598 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

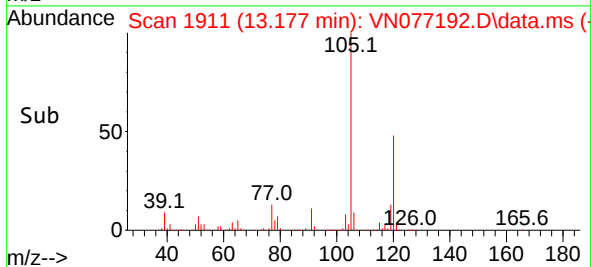
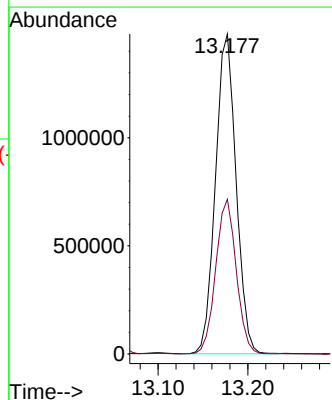
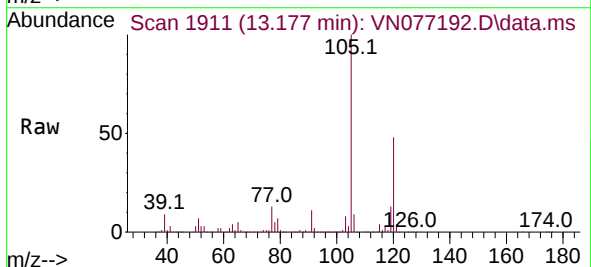
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

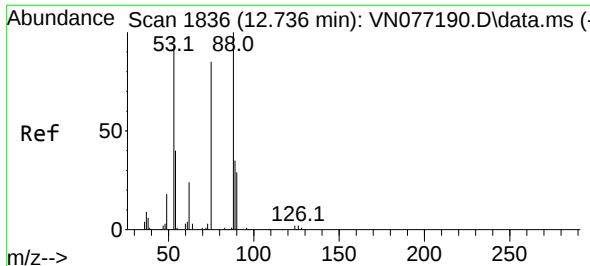
Tgt Ion: 91 Resp: 1961368
Ion Ratio Lower Upper
91 100
126 32.4 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 108.196 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 105 Resp: 2356336
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.2

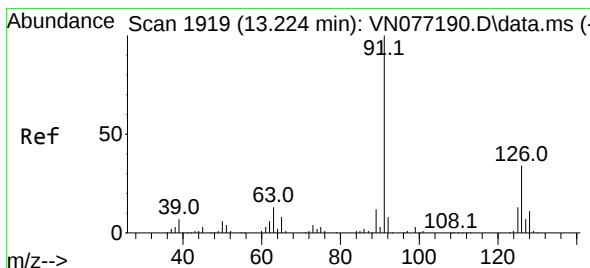
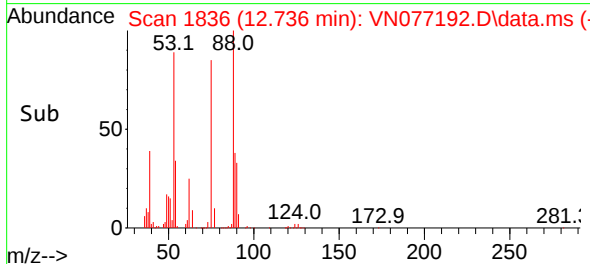
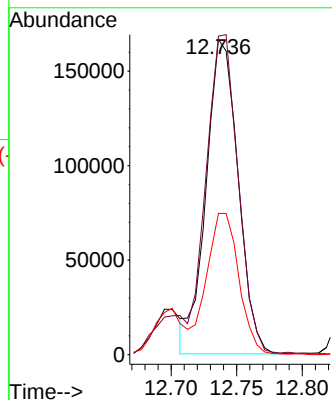
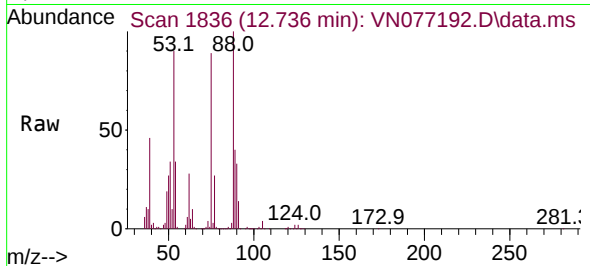




#81
trans-1,4-Dichloro-2-butene
Concen: 113.123 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

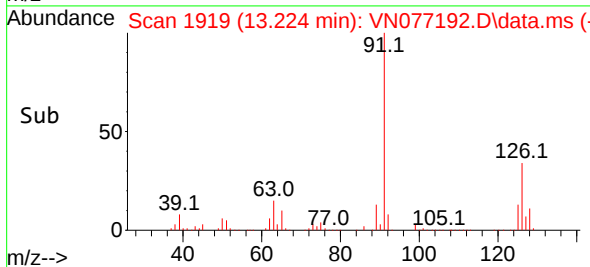
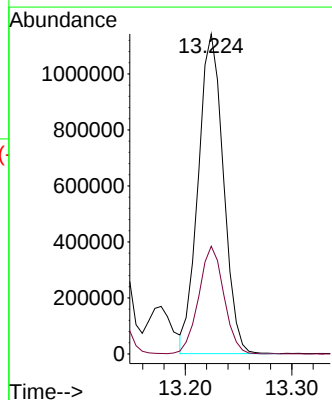
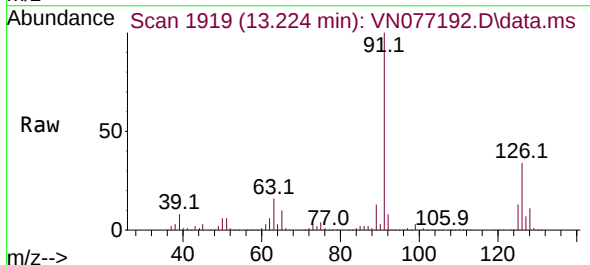
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

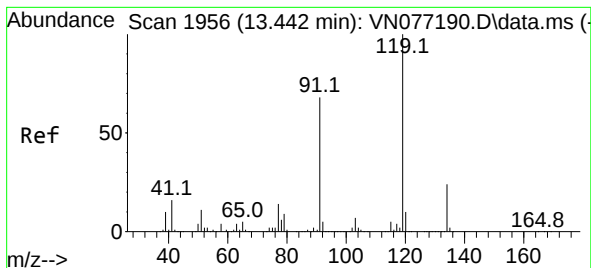
Tgt Ion: 75 Resp: 282864
Ion Ratio Lower Upper
75 100
53 115.3 84.8 127.2
89 45.5 33.8 50.6



#82
4-Chlorotoluene
Concen: 100.684 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 91 Resp: 1877395
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7





#83

tert-Butylbenzene

Concen: 103.401 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

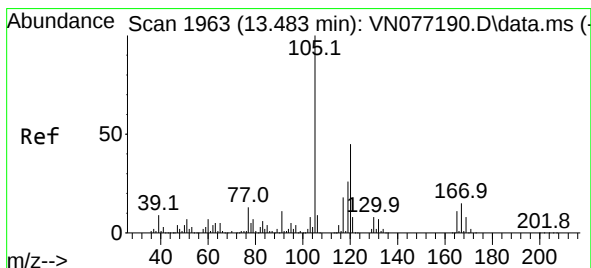
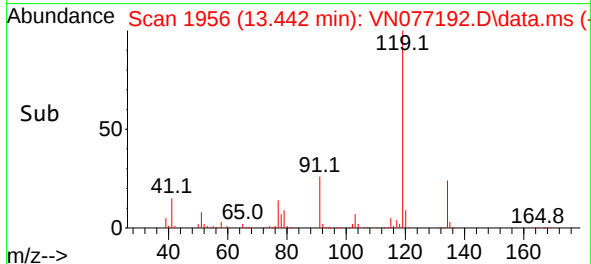
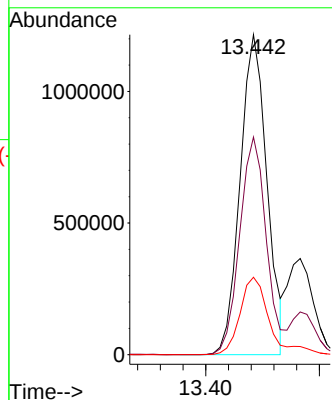
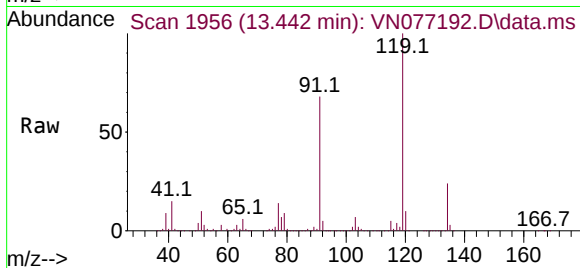
Tgt Ion:119 Resp: 1988102

Ion Ratio Lower Upper

119 100

91 68.3 33.0 99.0

134 26.5 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 109.527 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077192.D

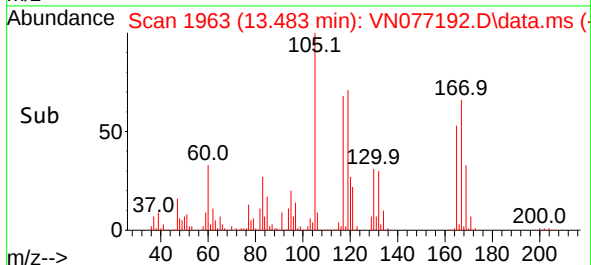
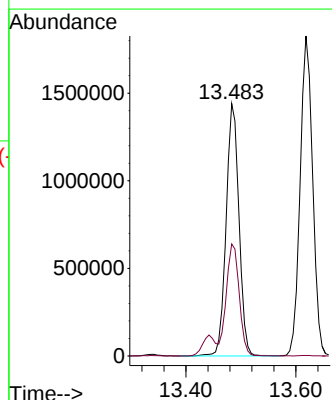
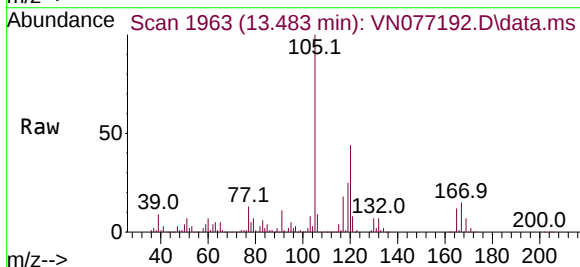
Acq: 24 Mar 2023 22:54

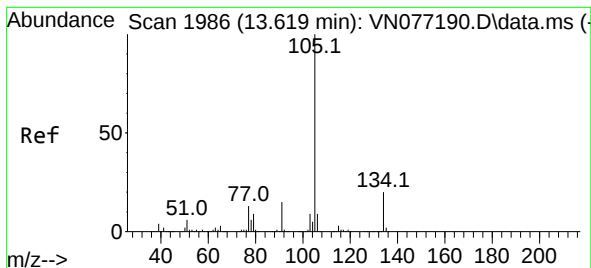
Tgt Ion:105 Resp: 2337533

Ion Ratio Lower Upper

105 100

120 44.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 109.237 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

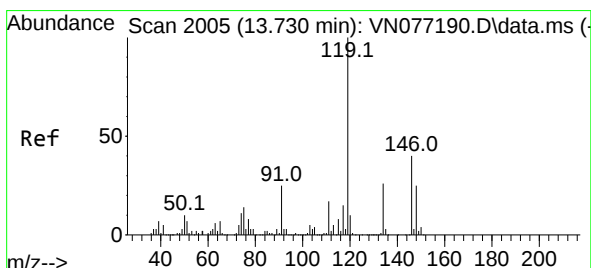
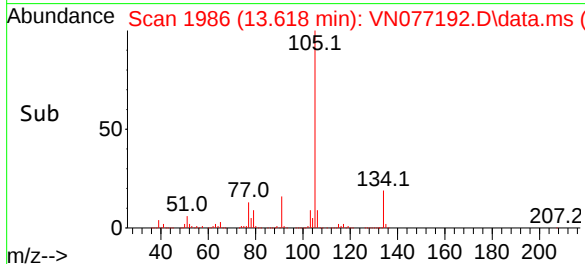
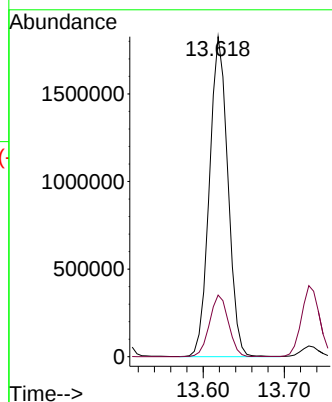
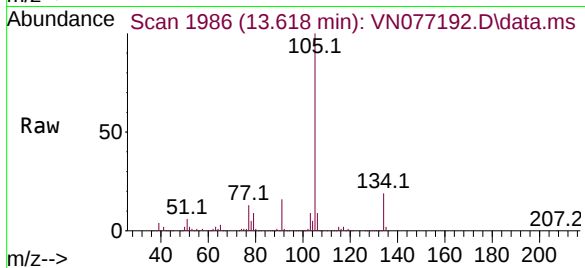
VSTDIC100

Tgt Ion:105 Resp: 2888238

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 95.637 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

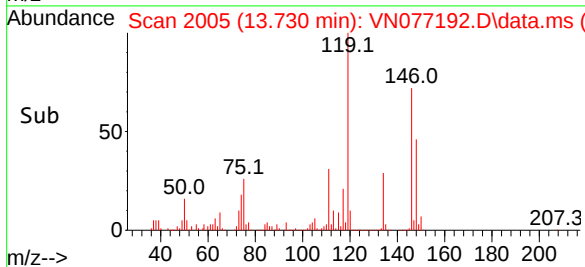
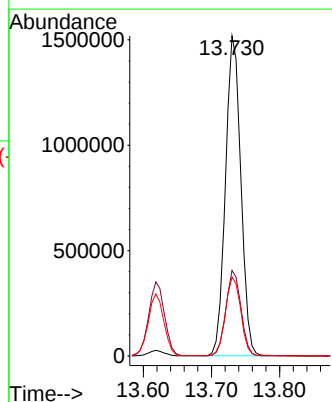
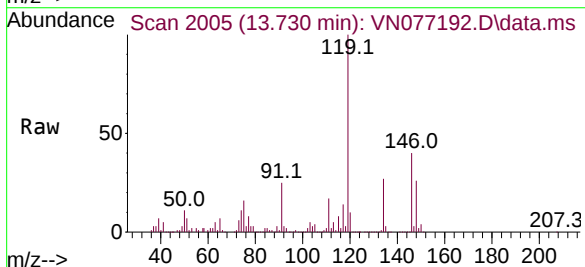
Tgt Ion:119 Resp: 2385155

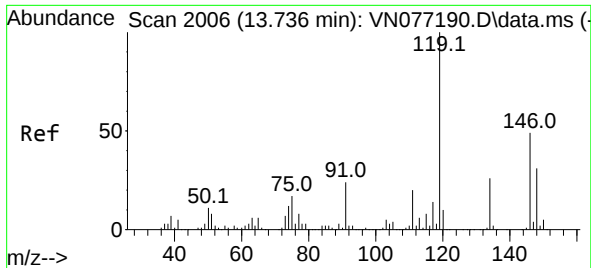
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.6 12.3 36.9

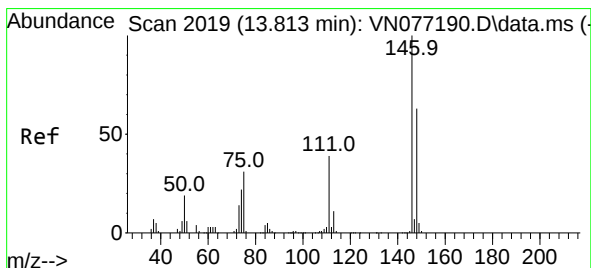
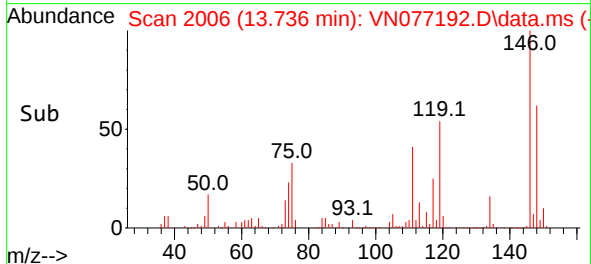
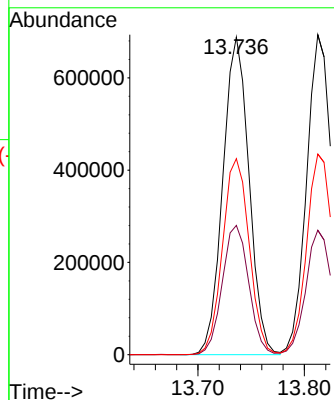
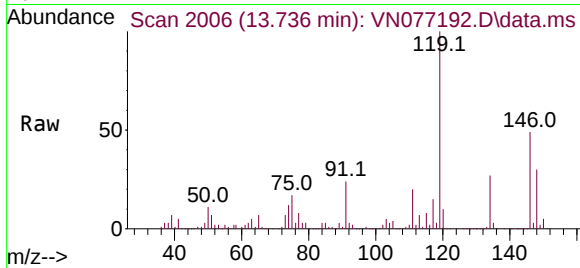




#87
 1,3-Dichlorobenzene
 Concen: 99.154 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

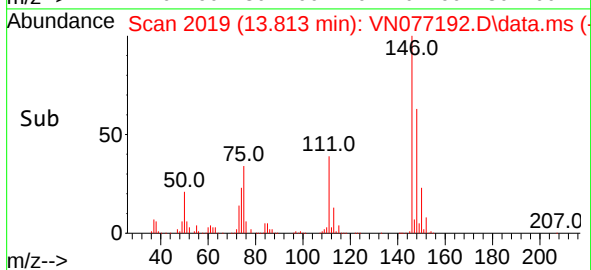
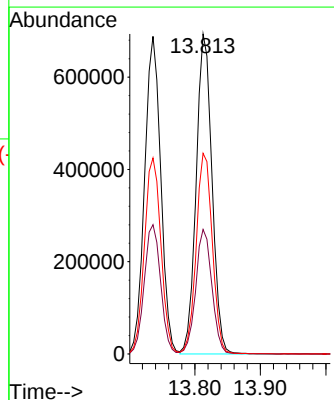
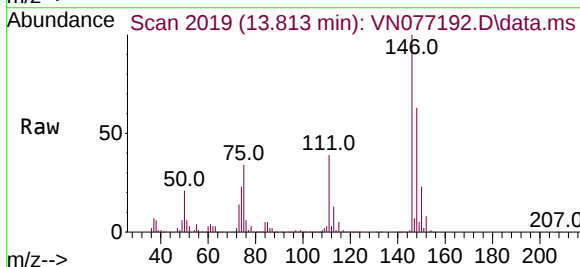
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

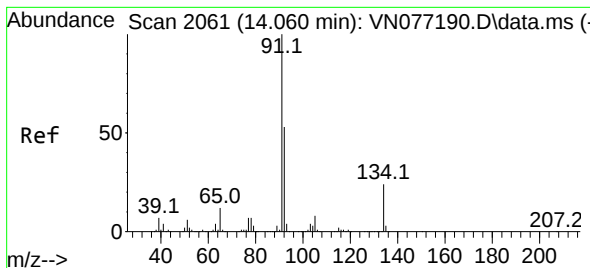
Tgt Ion:146 Resp: 1176258
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.7
 148 63.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 96.362 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077192.D
 Acq: 24 Mar 2023 22:54

Tgt Ion:146 Resp: 1166910
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.2 60.6
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 96.852 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

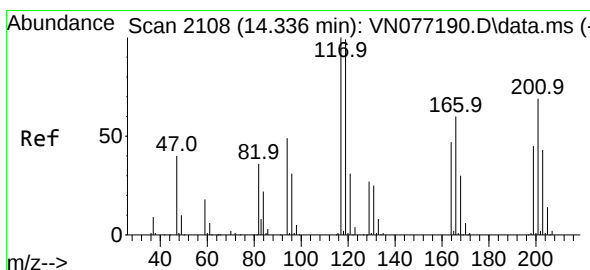
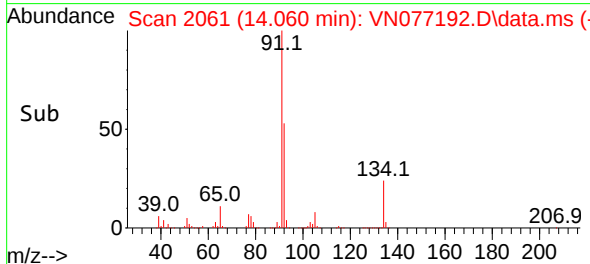
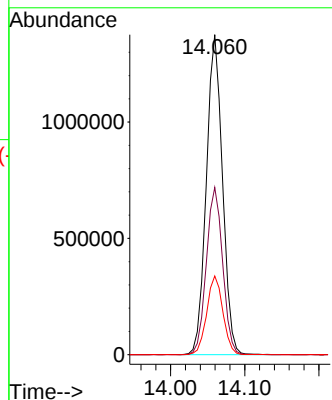
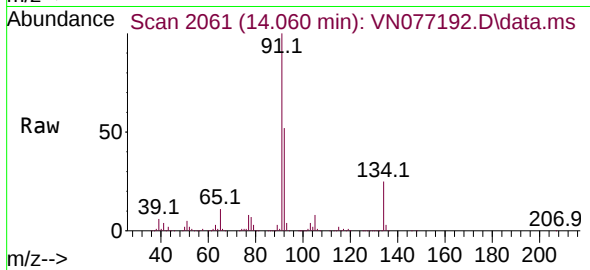
MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 2081148

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.0
134	24.7	12.1	36.3



#90

Hexachloroethane

Concen: 101.870 ug/l

RT: 14.336 min Scan# 2108

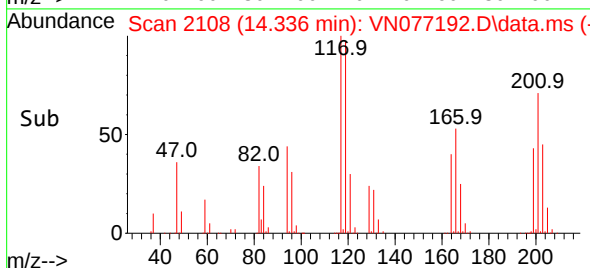
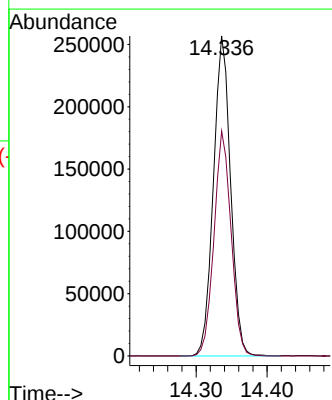
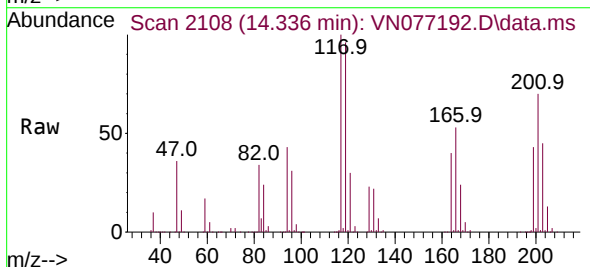
Delta R.T. -0.000 min

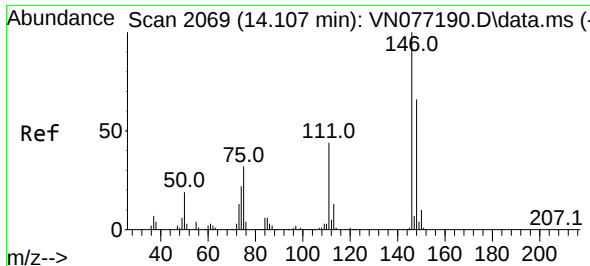
Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Tgt Ion: 117 Resp: 430426

Ion	Ratio	Lower	Upper
117	100		
201	69.9	35.1	105.5

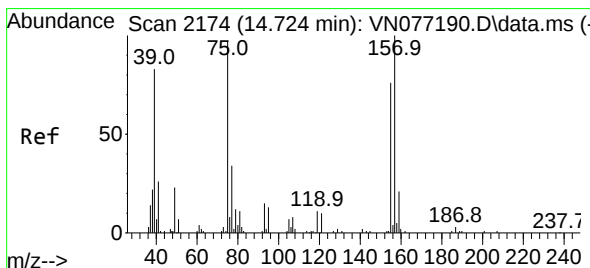
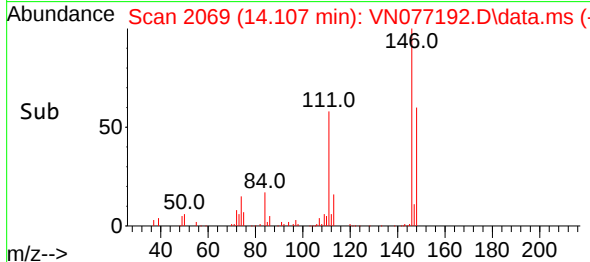
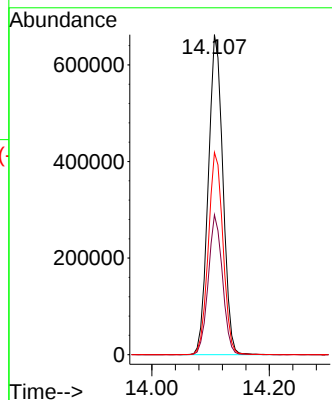
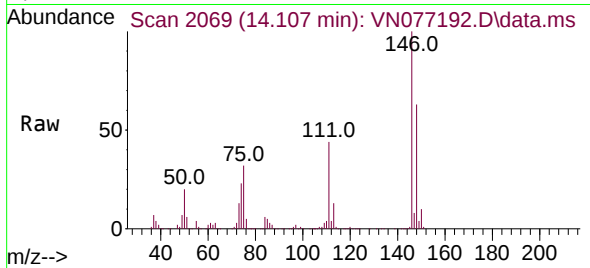




#91
1,2-Dichlorobenzene
Concen: 96.818 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

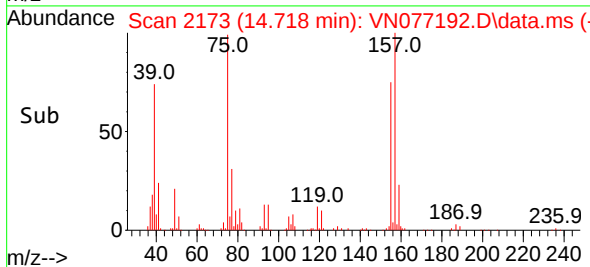
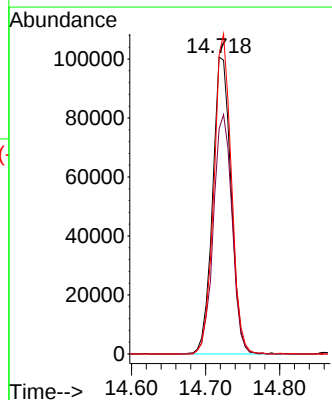
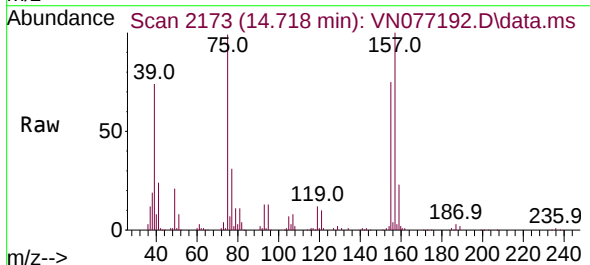
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

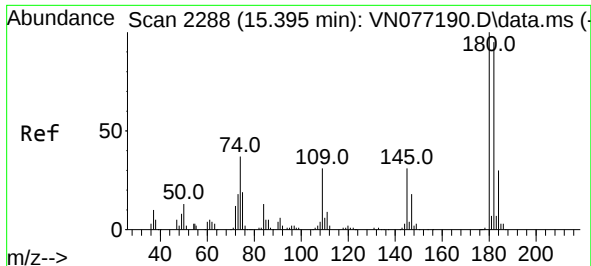
Tgt Ion:146 Resp: 1143907
Ion Ratio Lower Upper
146 100
111 42.4 21.6 65.0
148 63.4 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 104.699 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion: 75 Resp: 174438
Ion Ratio Lower Upper
75 100
155 81.1 38.9 116.6
157 101.5 51.8 155.5

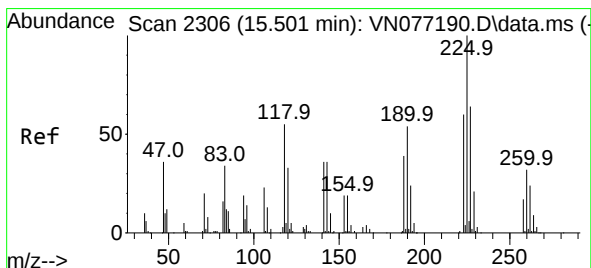
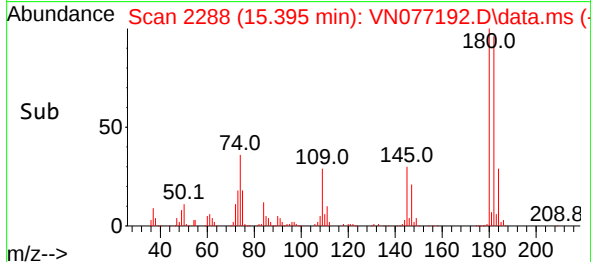
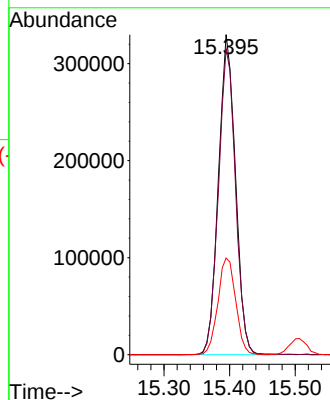
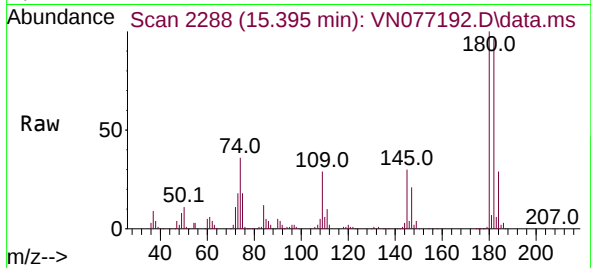




#93
1,2,4-Trichlorobenzene
Concen: 98.108 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

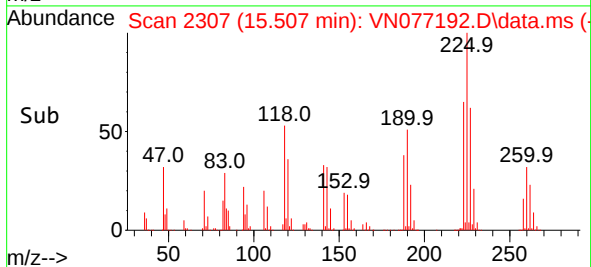
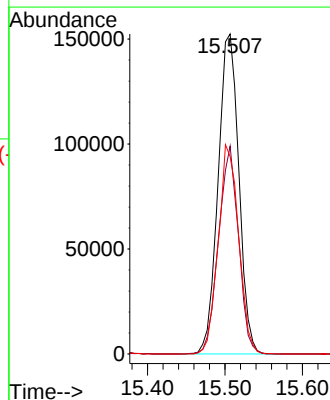
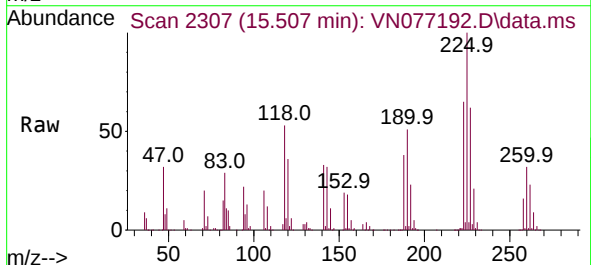
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

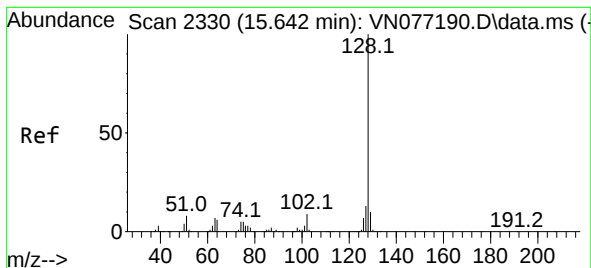
Tgt Ion:180 Resp: 592074
Ion Ratio Lower Upper
180 100
182 96.3 47.8 143.3
145 31.7 15.5 46.5



#94
Hexachlorobutadiene
Concen: 96.728 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN077192.D
Acq: 24 Mar 2023 22:54

Tgt Ion:225 Resp: 283479
Ion Ratio Lower Upper
225 100
223 62.4 31.4 94.3
227 64.2 31.1 93.2





#95

Naphthalene

Concen: 100.488 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

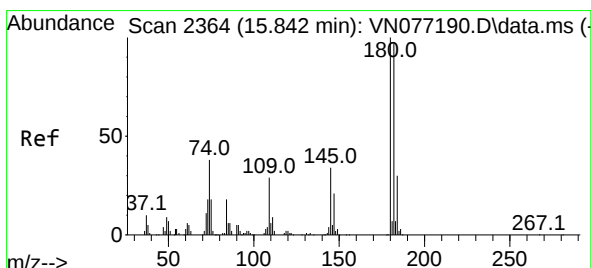
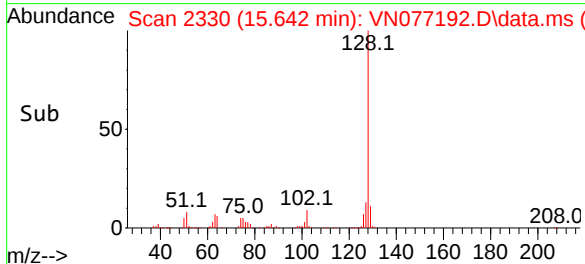
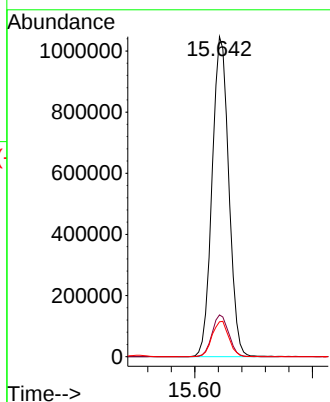
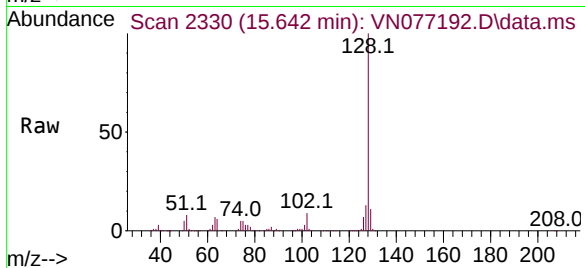
Tgt Ion:128 Resp: 2060234

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.2 8.2 12.2



#96

1,2,3-Trichlorobenzene

Concen: 99.623 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077192.D

Acq: 24 Mar 2023 22:54

Tgt Ion:180 Resp: 586579

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.8

145 34.0 16.9 50.6

