

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077186.D
 Acq On : 24 Mar 2023 20:06
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 25 05:58:59 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	8.231	168	379522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	675834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	571878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	200496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	6201	1.043	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.080%#
35) Dibromofluoromethane	8.172	113	5187	1.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.260%#
50) Toluene-d8	10.566	98	16299	0.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.900%#
62) 4-Bromofluorobenzene	12.854	95	5512	0.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.940%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	4981	1.182	ug/l	70
3) Chloromethane	2.378	50	6609	1.176	ug/l #	79
4) Vinyl Chloride	2.525	62	6799	1.094	ug/l #	88
5) Bromomethane	2.972	94	8184	1.664	ug/l	82
6) Chloroethane	3.137	64	7556	Below Cal	#	76
7) Trichlorofluoromethane	3.519	101	7492	0.862	ug/l	91
8) Diethyl Ether	3.966	74	3248	1.111	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.396	101	4648	1.101	ug/l #	20
10) Methyl Iodide	4.607	142	4717	1.004	ug/l #	70
11) Tert butyl alcohol	5.531	59	4096	4.982	ug/l #	75
12) 1,1-Dichloroethene	4.349	96	3691	0.939	ug/l	88
13) Acrolein	4.190	56	4750	4.188	ug/l	84
14) Allyl chloride	5.043	41	7390	0.965	ug/l #	79
15) Acrylonitrile	5.725	53	6417	2.516	ug/l #	23
16) Acetone	4.449	43	13064	5.757	ug/l	98
17) Carbon Disulfide	4.731	76	12100	1.076	ug/l	100
18) Methyl Acetate	5.043	43	9575	1.063	ug/l #	90
19) Methyl tert-butyl Ether	5.813	73	13907	0.986	ug/l #	90
20) Methylene Chloride	5.284	84	6491	1.251	ug/l #	87
21) trans-1,2-Dichloroethene	5.801	96	4386	1.004	ug/l	86
22) Diisopropyl ether	6.684	45	14178	0.905	ug/l #	94
23) Vinyl Acetate	6.613	43	43176	3.759	ug/l #	90
24) 1,1-Dichloroethane	6.584	63	9890	1.089	ug/l #	84
25) 2-Butanone	7.495	43	17010	4.949	ug/l	99
26) 2,2-Dichloropropane	7.495	77	5889	0.956	ug/l	92
27) cis-1,2-Dichloroethene	7.495	96	5396	1.063	ug/l	96
28) Bromochloromethane	7.825	49	5110	1.117	ug/l #	94
29) Tetrahydrofuran	7.848	42	10094	4.504	ug/l #	90
30) Chloroform	7.972	83	10028	1.119	ug/l	94
31) Cyclohexane	8.231	56	11893	1.431	ug/l #	27
32) 1,1,1-Trichloroethane	8.172	97	8269	1.076	ug/l #	51
36) 1,1-Dichloropropene	8.378	75	6516	1.008	ug/l	95
37) Ethyl Acetate	7.578	43	6833	0.954	ug/l #	86
38) Carbon Tetrachloride	8.378	117	7177	1.081	ug/l #	84
39) Methylcyclohexane	9.613	83	6399	0.871	ug/l #	78
40) Benzene	8.607	78	20876	1.052	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	4123	1.048	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	8008	1.066	ug/l	95
43) Isopropyl Acetate	8.695	43	10595	0.925	ug/l	97
44) Trichloroethene	9.360	130	4994	1.078	ug/l	77
45) 1,2-Dichloropropane	9.625	63	5352	1.017	ug/l	90
46) Dibromomethane	9.707	93	3135	0.933	ug/l #	82
47) Bromodichloromethane	9.895	83	7279	1.050	ug/l #	95
48) Methyl methacrylate	9.695	41	5344	0.965	ug/l	92
49) 1,4-Dioxane	9.707	88	1598	17.599	ug/l #	79
51) 4-Methyl-2-Pentanone	10.454	43	28810	4.107	ug/l	96
52) Toluene	10.636	92	11154	0.938	ug/l	93
53) t-1,3-Dichloropropene	10.842	75	6105	0.890	ug/l #	72
54) cis-1,3-Dichloropropene	10.313	75	6858	0.912	ug/l #	86
55) 1,1,2-Trichloroethane	11.019	97	4093	0.891	ug/l #	79
56) Ethyl methacrylate	10.872	69	5273	2.747	ug/l	92
57) 1,3-Dichloropropane	11.166	76	8074	0.971	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	10257	14.293	ug/l	96
59) 2-Hexanone	11.201	43	18881	3.798	ug/l	93
60) Dibromochloromethane	11.360	129	4439	0.924	ug/l	92
61) 1,2-Dibromoethane	11.478	107	4502	0.966	ug/l	93
64) Tetrachloroethene	11.101	164	3803	1.059	ug/l	88
65) Chlorobenzene	11.895	112	13336	1.124	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.954	131	4604	1.078	ug/l #	65
67) Ethyl Benzene	11.972	91	18725	0.905	ug/l	97
68) m/p-Xylenes	12.072	106	11611	1.522	ug/l	87
69) o-Xylene	12.407	106	6208	0.826	ug/l	100
70) Styrene	12.419	104	8682	2.785	ug/l	94
71) Bromoform	12.577	173	2726	0.878	ug/l #	89
73) Isopropylbenzene	12.701	105	14067	0.905	ug/l	100
74) N-amyl acetate	12.501	43	5890	0.867	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	6826	0.537	ug/l	96
76) 1,2,3-Trichloropropane	13.007	75	6808	1.400	ug/l #	1
77) Bromobenzene	12.983	156	4205	1.129	ug/l	96
78) n-propylbenzene	13.036	91	14375	0.815	ug/l	99
79) 2-Chlorotoluene	13.124	91	10704	0.961	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	9583	0.763	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.736	75	1047	0.726	ug/l #	40
82) 4-Chlorotoluene	13.224	91	11146	1.036	ug/l	89
83) tert-Butylbenzene	13.442	119	10763	0.971	ug/l	96
84) 1,2,4-Trimethylbenzene	13.489	105	9248	0.751	ug/l	92
85) sec-Butylbenzene	13.619	105	11909	0.781	ug/l	99
86) p-Isopropyltoluene	13.736	119	7783	2.902	ug/l	89
87) 1,3-Dichlorobenzene	13.736	146	7728	1.129	ug/l	98
88) 1,4-Dichlorobenzene	13.736	146	7728	1.106	ug/l	97
89) n-Butylbenzene	14.060	91	7747	3.423	ug/l	98
90) Hexachloroethane	14.336	117	2661	1.092	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	7923	1.163	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	1068	1.111	ug/l	88
93) 1,2,4-Trichlorobenzene	15.401	180	2016	4.141	ug/l	94
94) Hexachlorobutadiene	15.501	225	1825	1.080	ug/l	98
95) Naphthalene	15.654	128	3561	4.579	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.836	180	1497	3.941	ug/l	74

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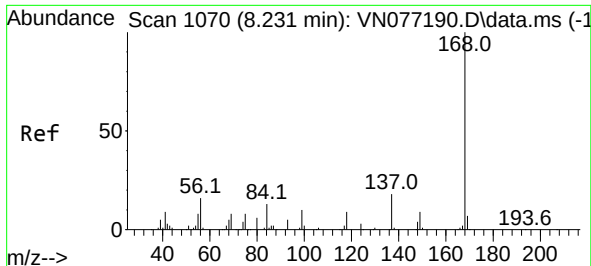
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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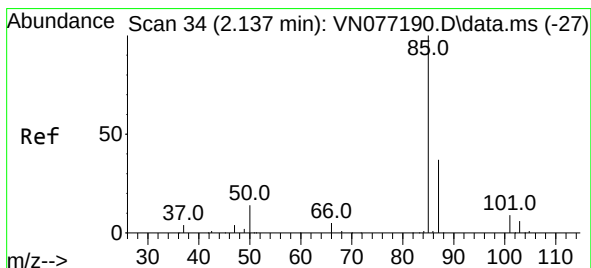
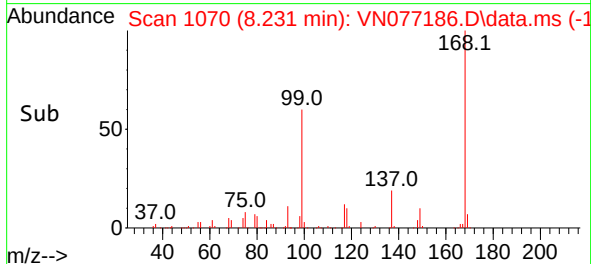
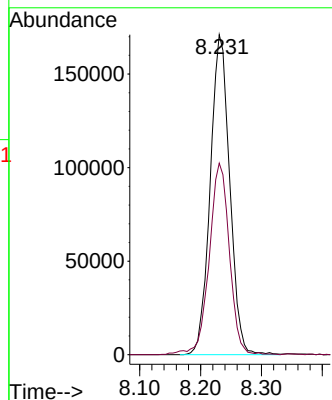
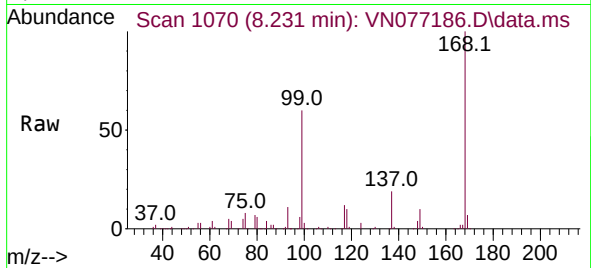




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

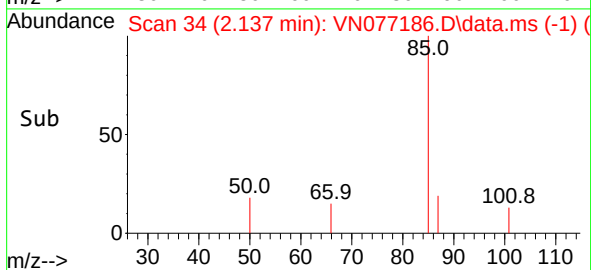
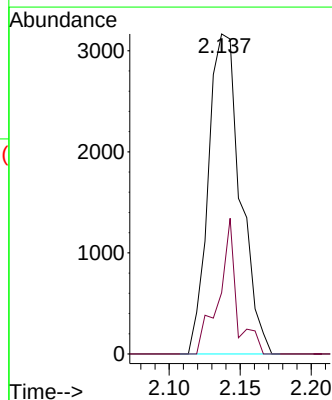
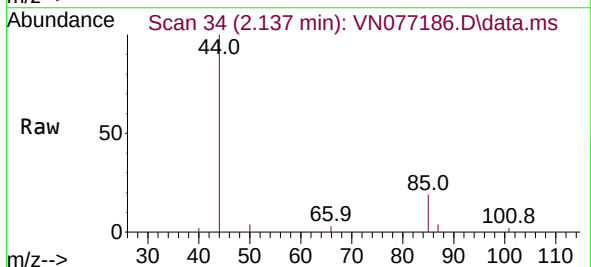
Instrument :
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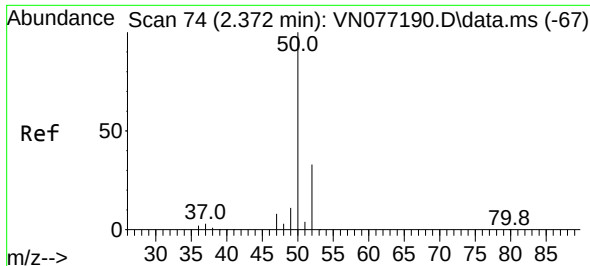
Tgt Ion:168 Resp: 379522
Ion Ratio Lower Upper
168 100
99 59.9 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 1.182 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 85 Resp: 4981
Ion Ratio Lower Upper
85 100
87 19.2 18.5 55.5

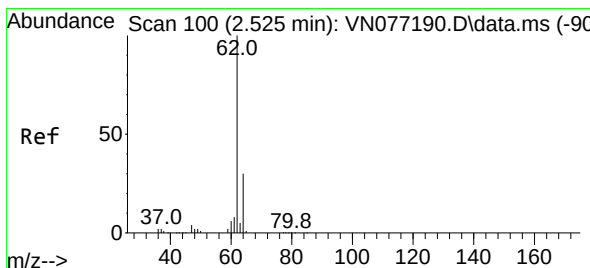
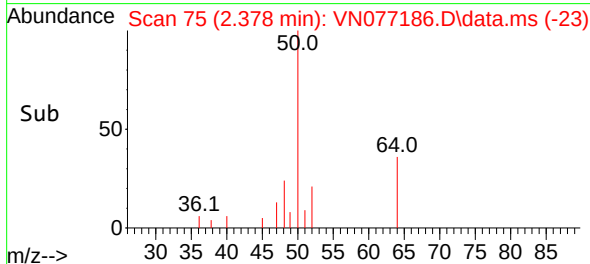
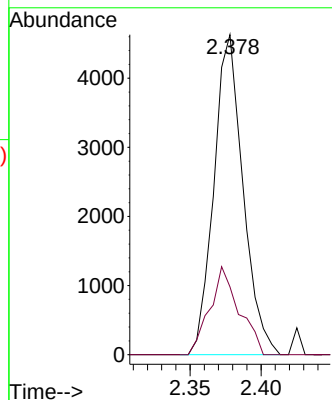
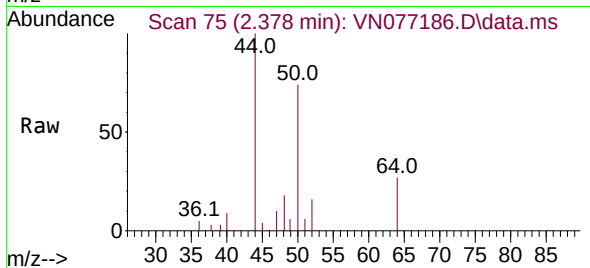




#3
Chloromethane
Concen: 1.176 ug/l
RT: 2.378 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

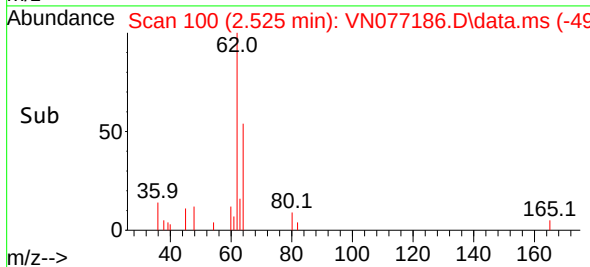
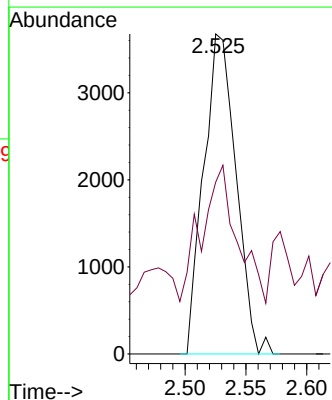
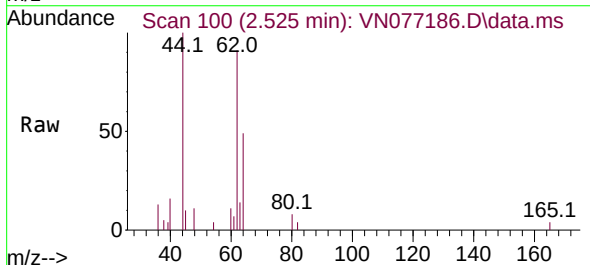
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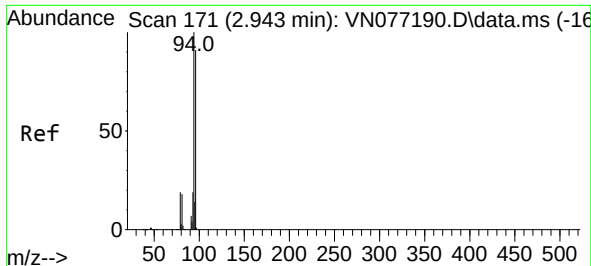
Tgt Ion: 50 Resp: 6609
Ion Ratio Lower Upper
50 100
52 21.2 26.2 39.4#



#4
Vinyl Chloride
Concen: 1.094 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 62 Resp: 6799
Ion Ratio Lower Upper
62 100
64 37.3 24.4 36.6#

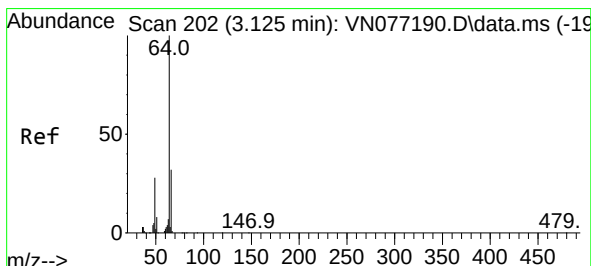
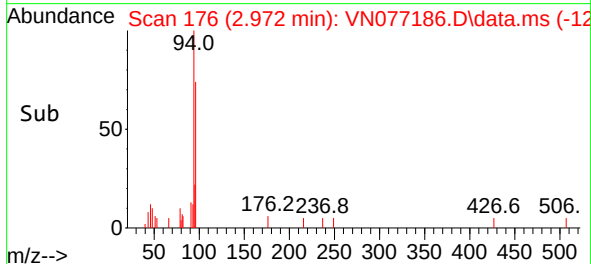
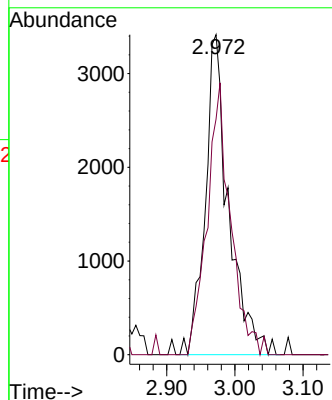
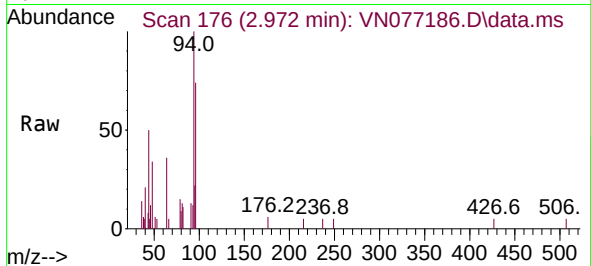




#5
Bromomethane
Concen: 1.664 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

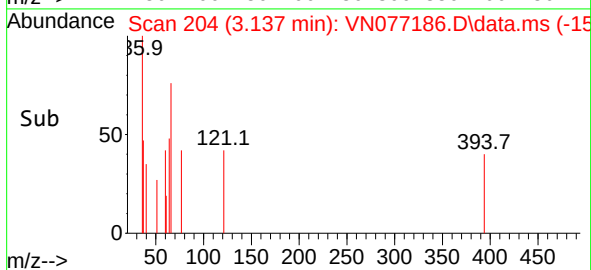
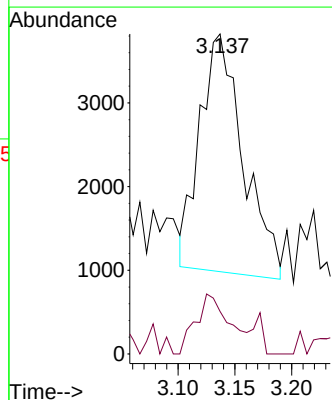
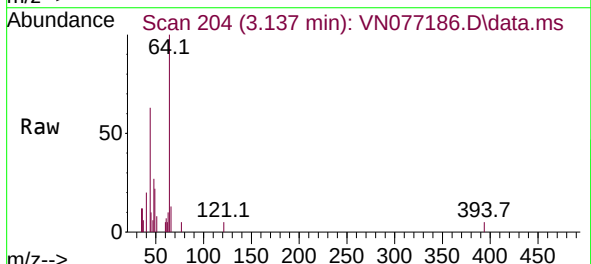
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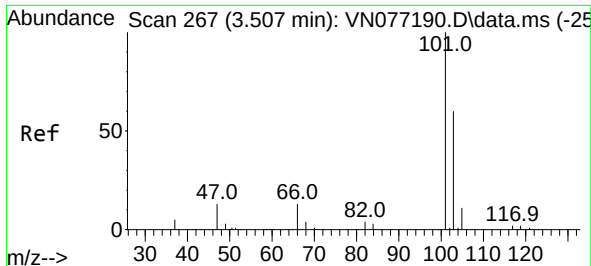
Tgt Ion: 94 Resp: 8184
Ion Ratio Lower Upper
94 100
96 73.6 72.5 108.7



#6
Chloroethane
Concen: Below Cal
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 64 Resp: 7556
Ion Ratio Lower Upper
64 100
66 18.3 25.1 37.7#

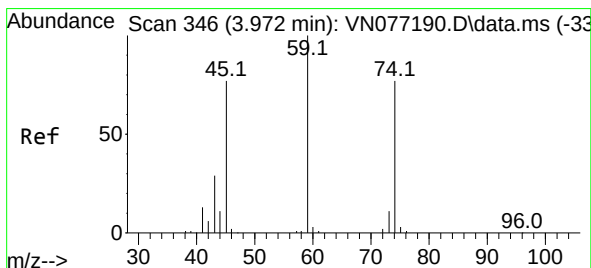
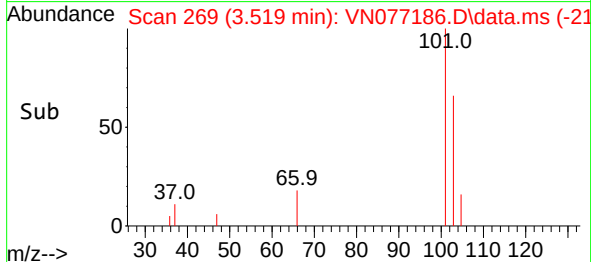
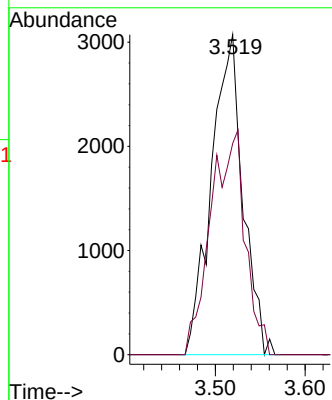
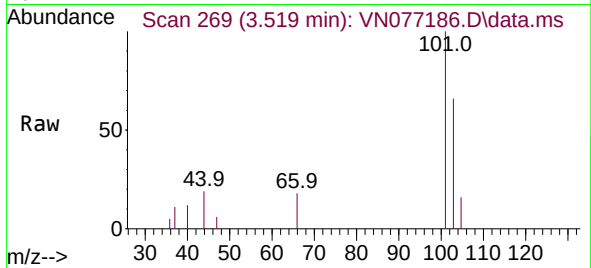




#7
 Trichlorofluoromethane
 Concen: 0.862 ug/l
 RT: 3.519 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

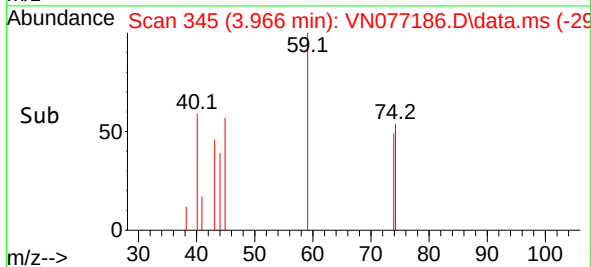
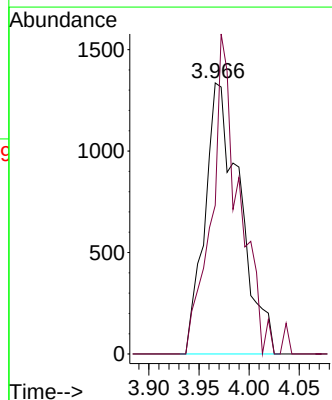
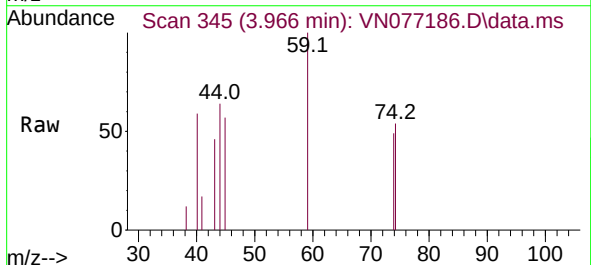
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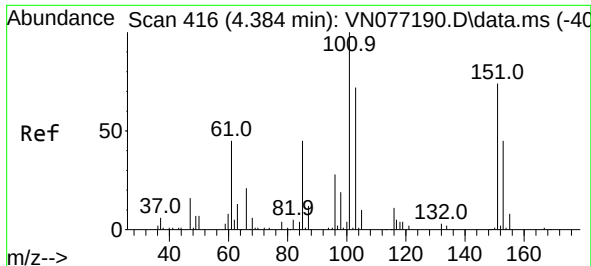
Tgt Ion:101 Resp: 7492
 Ion Ratio Lower Upper
 101 100
 103 66.0 47.6 71.4



#8
 Diethyl Ether
 Concen: 1.111 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

Tgt Ion: 74 Resp: 3248
 Ion Ratio Lower Upper
 74 100
 45 92.5 51.1 153.4

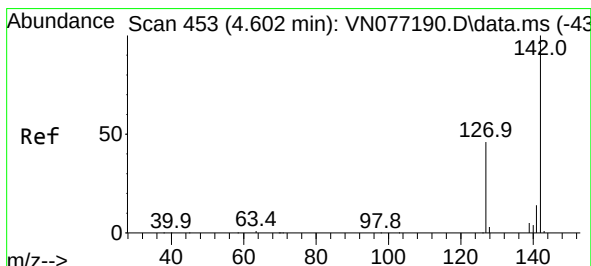
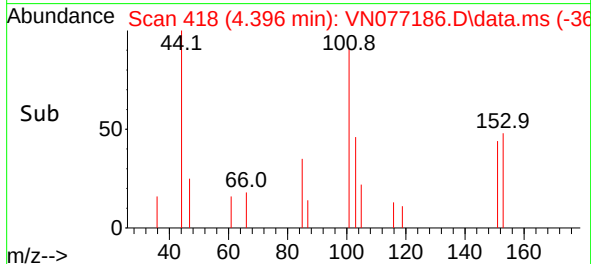
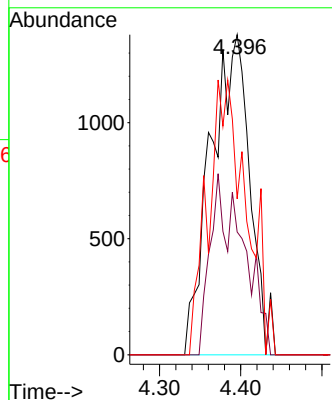
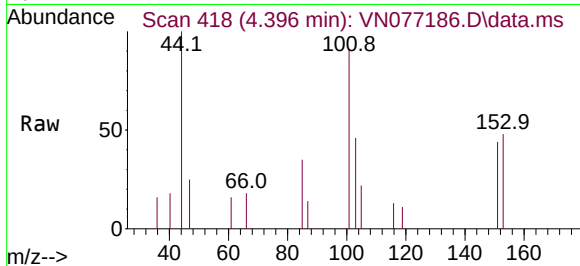




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.101 ug/l
RT: 4.396 min Scan# 416
Delta R.T. 0.012 min
Lab File: VN077186.D
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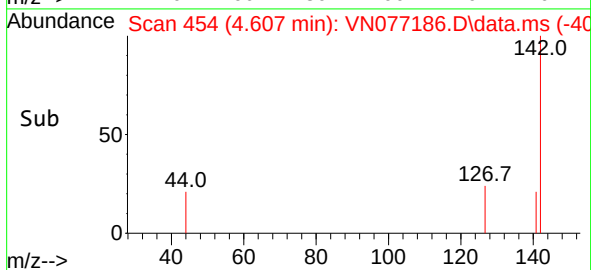
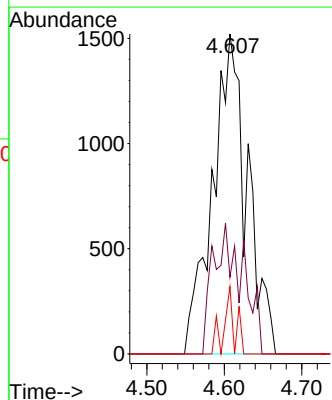
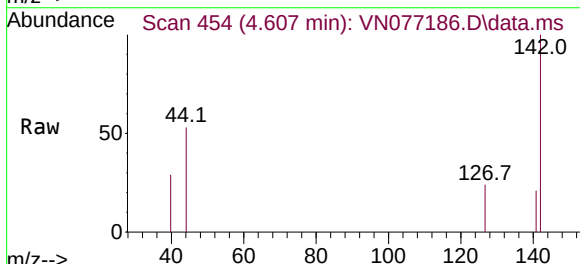
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MSVOA_N
ClientSampleId :
VSTDIC001

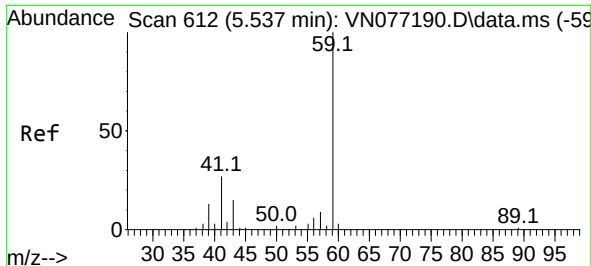
Tgt Ion:101 Resp: 4648
Ion Ratio Lower Upper
101 100
85 0.0 37.9 56.9#
151 0.0 58.1 87.1#



#10
Methyl Iodide
Concen: 1.004 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion:142 Resp: 4717
Ion Ratio Lower Upper
142 100
127 24.0 37.0 55.4#
141 21.0 11.0 16.4#

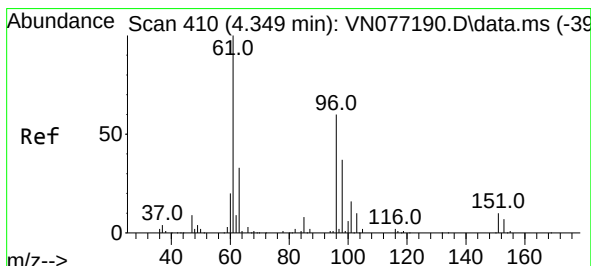
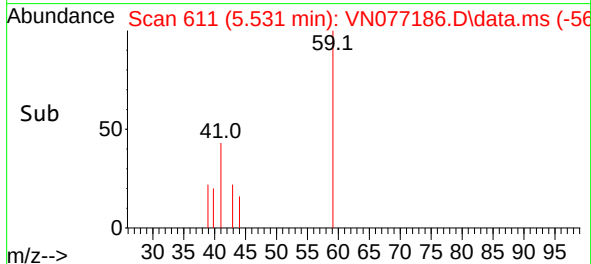
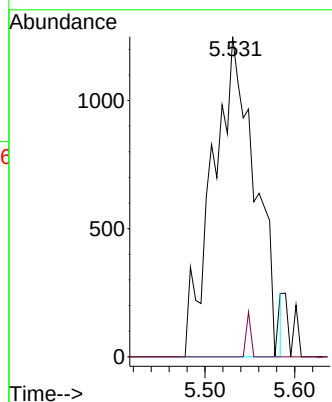
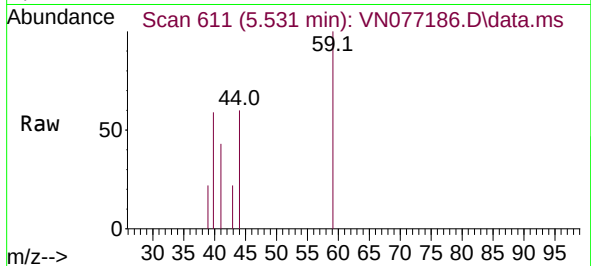




#11
Tert butyl alcohol
Concen: 4.982 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

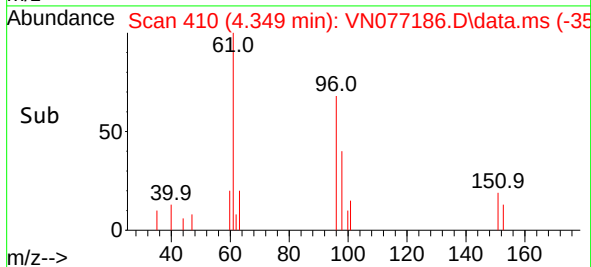
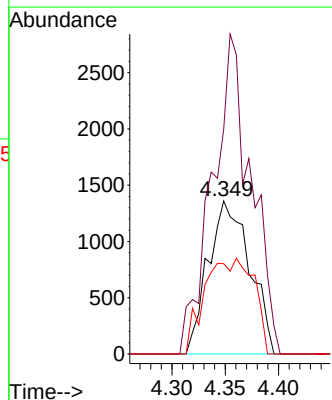
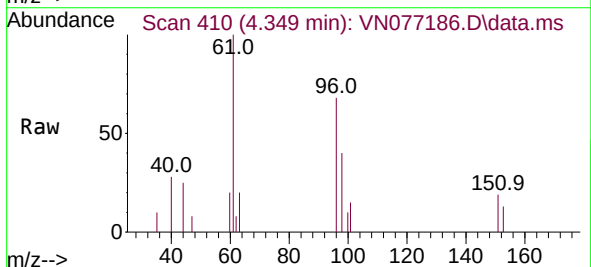
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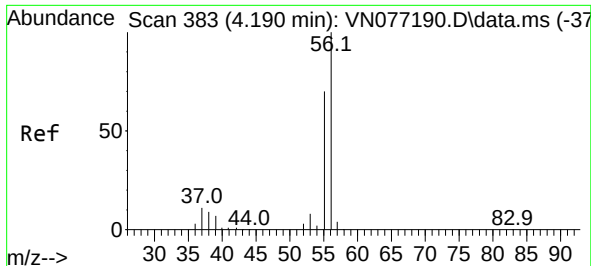
Tgt Ion: 59 Resp: 4096
Ion Ratio Lower Upper
59 100
57 1.5 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.939 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 96 Resp: 3691
Ion Ratio Lower Upper
96 100
61 147.2 134.4 201.6
98 59.0 50.1 75.1

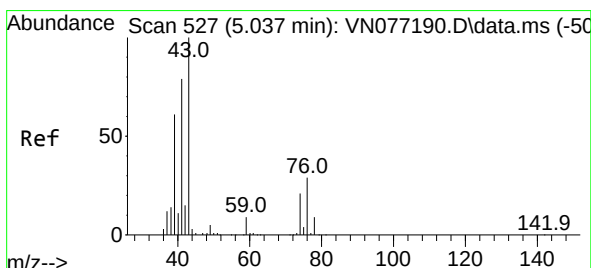
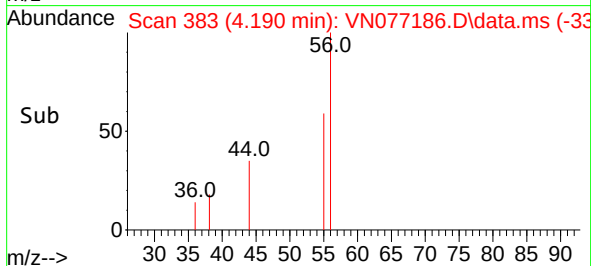
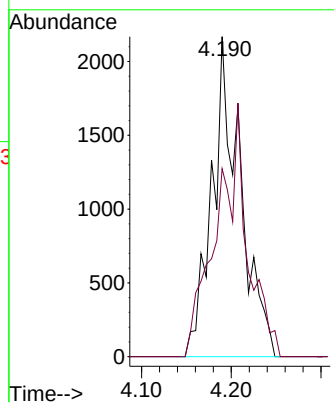
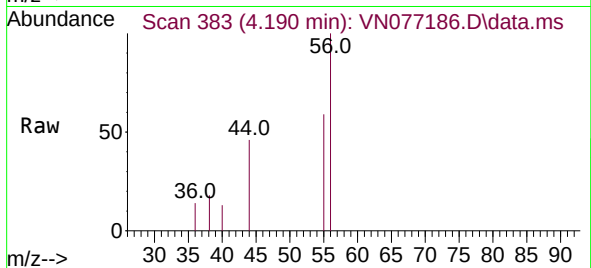




#13
Acrolein
Concen: 4.188 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

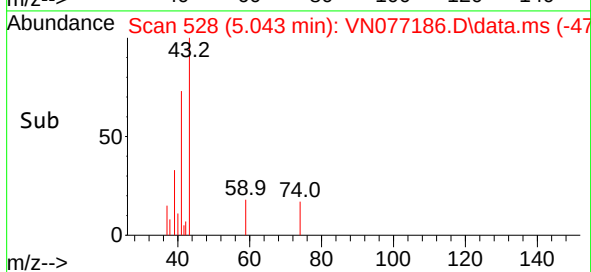
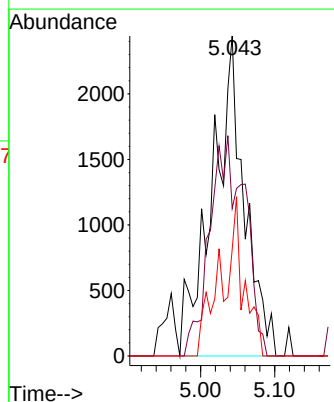
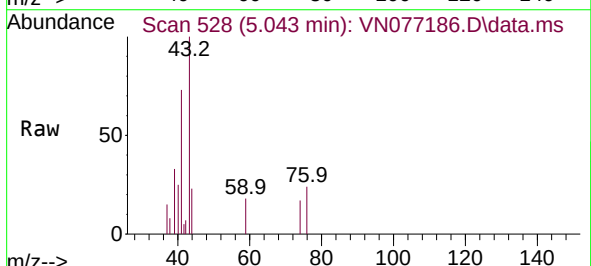
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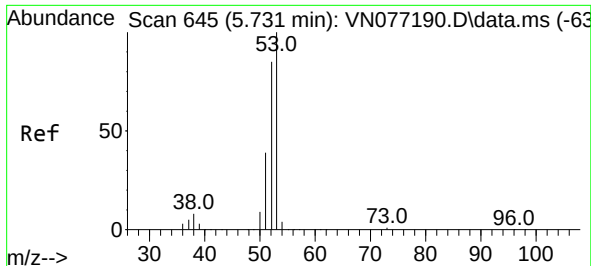
Tgt Ion: 56 Resp: 4750
Ion Ratio Lower Upper
56 100
55 84.4 56.8 85.2



#14
Allyl chloride
Concen: 0.965 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 41 Resp: 7390
Ion Ratio Lower Upper
41 100
39 53.1 56.8 85.2#
76 21.1 25.0 37.6#

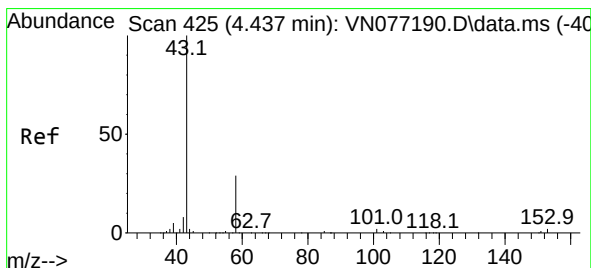
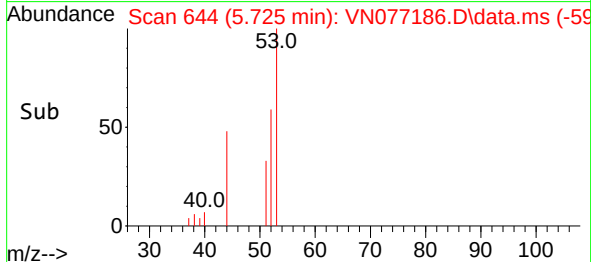
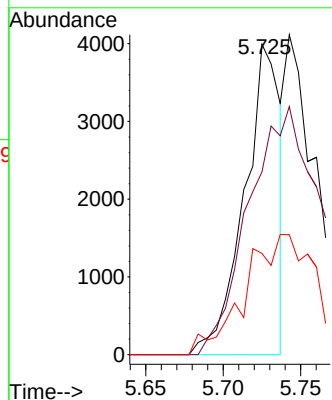
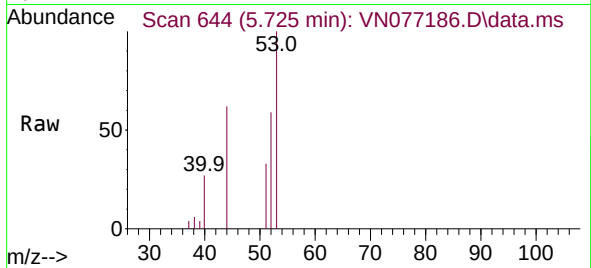




#15
Acrylonitrile
Concen: 2.516 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

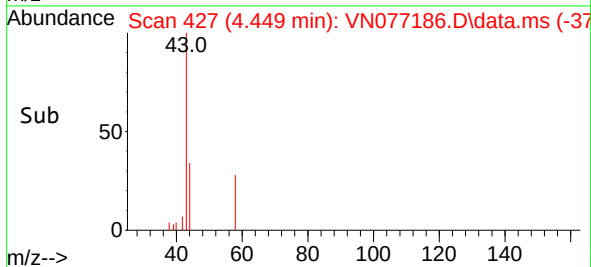
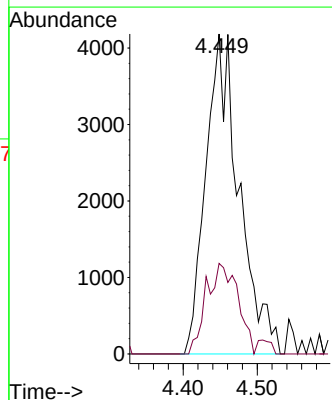
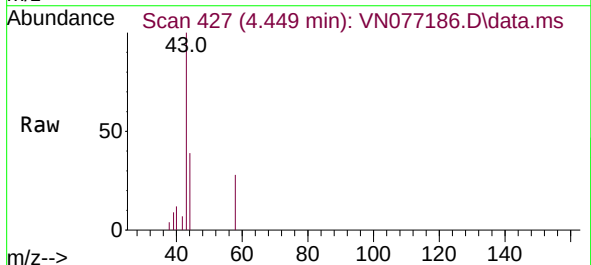
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ClientSampleId :
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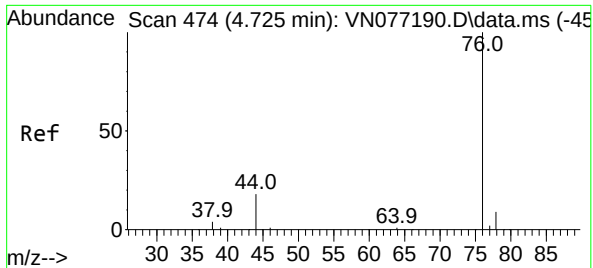
Tgt Ion: 53 Resp: 6417
Ion Ratio Lower Upper
53 100
52 158.3 67.6 101.4#
51 77.5 29.8 44.6#



#16
Acetone
Concen: 5.757 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 43 Resp: 13064
Ion Ratio Lower Upper
43 100
58 28.3 23.7 35.5

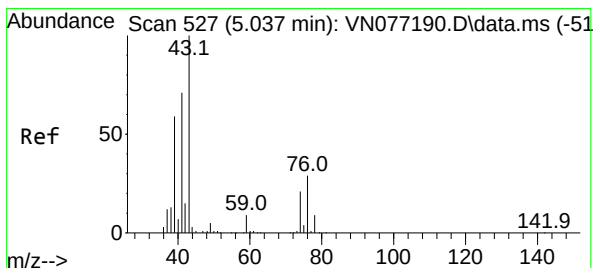
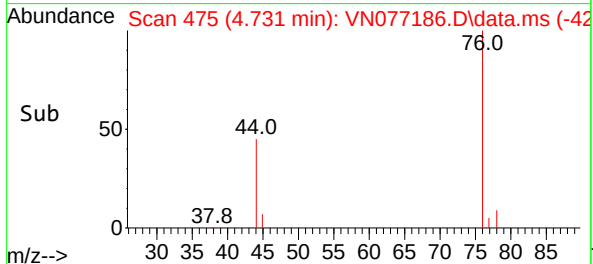
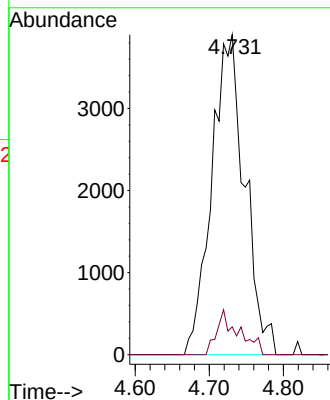
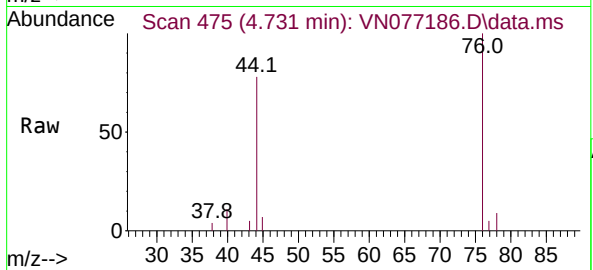




#17
Carbon Disulfide
Concen: 1.076 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

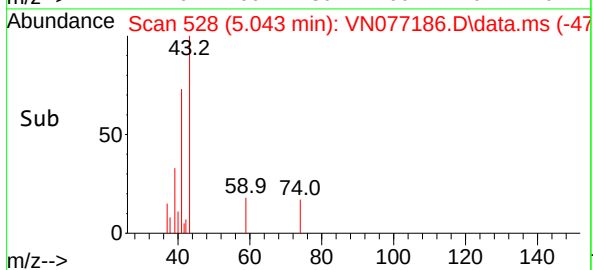
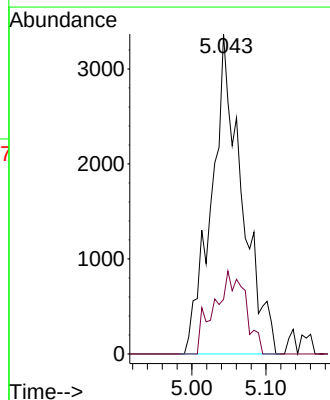
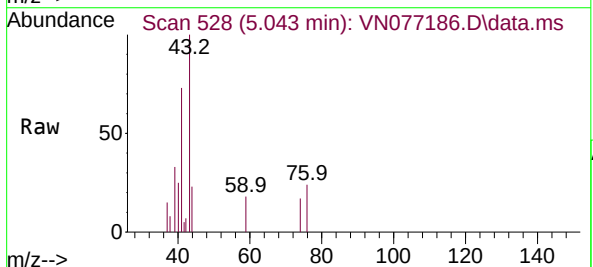
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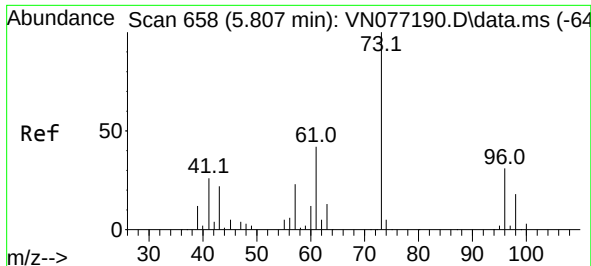
Tgt Ion: 76 Resp: 12100
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 1.063 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 43 Resp: 9575
Ion Ratio Lower Upper
43 100
74 26.7 17.5 26.3#

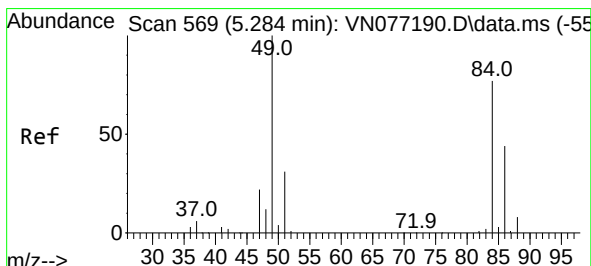
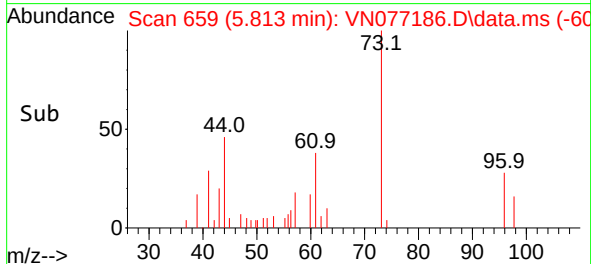
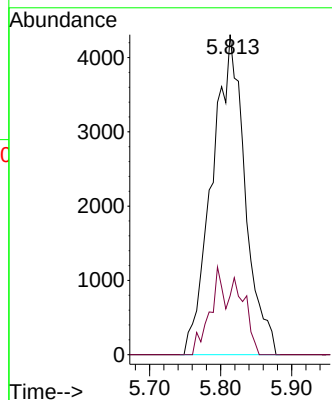
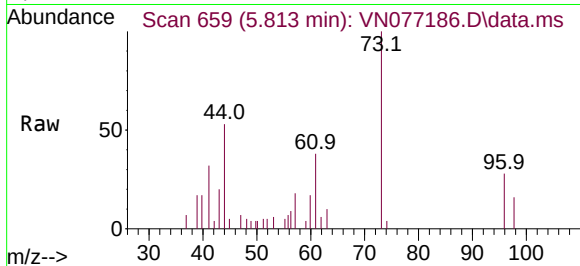




#19
Methyl tert-butyl Ether
Concen: 0.986 ug/l
RT: 5.813 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

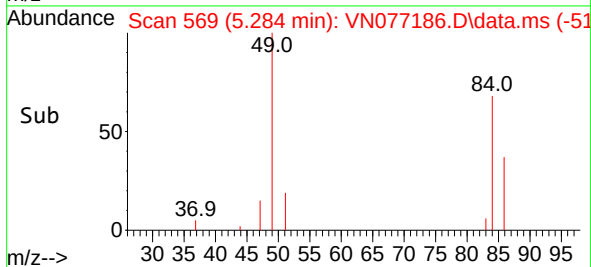
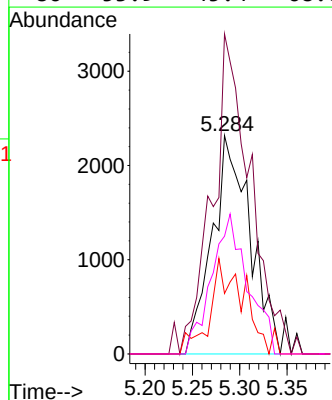
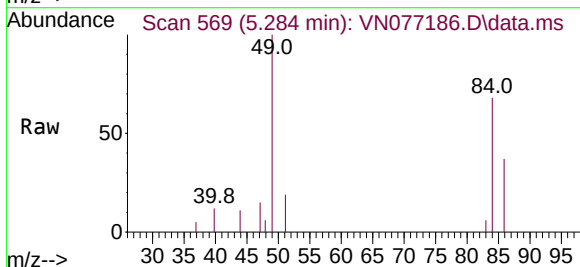
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

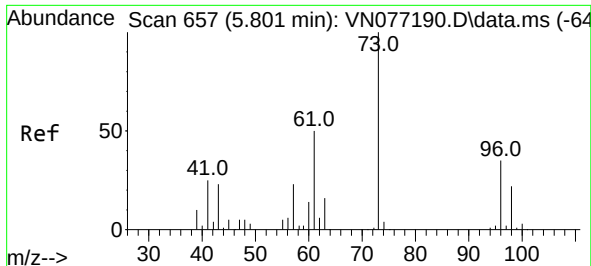
Tgt Ion: 73 Resp: 13907
Ion Ratio Lower Upper
73 100
57 18.4 18.7 28.1#



#20
Methylene Chloride
Concen: 1.251 ug/l
RT: 5.284 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 84 Resp: 6491
Ion Ratio Lower Upper
84 100
49 146.5 103.4 155.0
51 27.7 31.6 47.4#
86 53.9 45.4 68.0

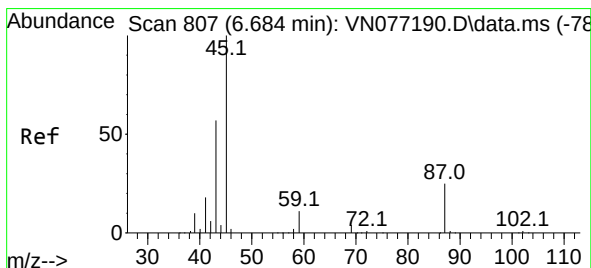
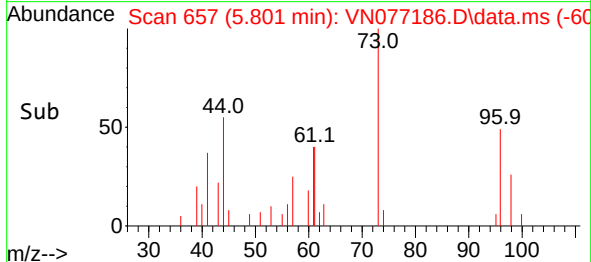
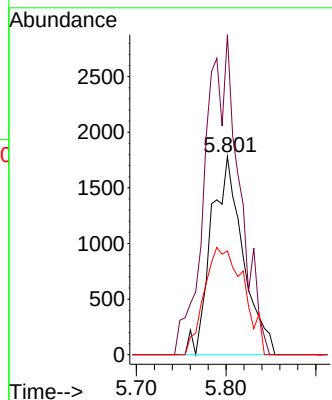
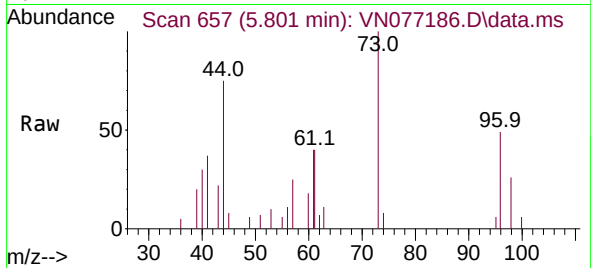




#21
trans-1,2-Dichloroethene
Concen: 1.004 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

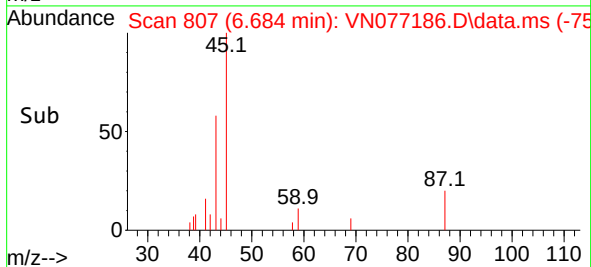
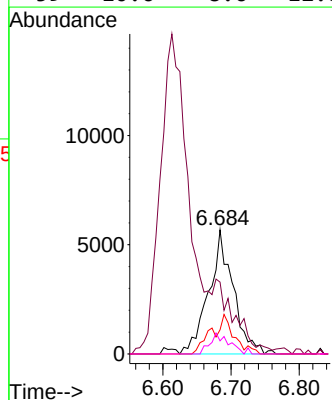
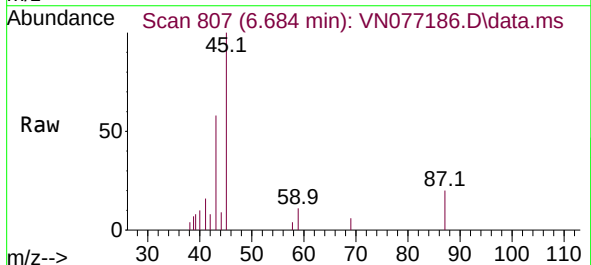
Instrument :
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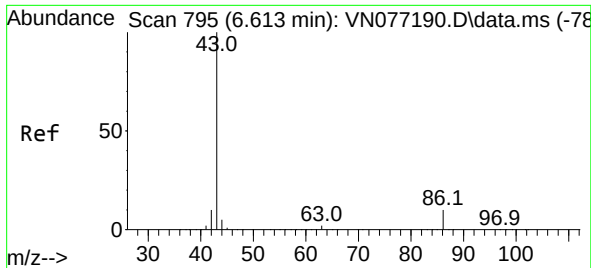
Tgt Ion: 96 Resp: 4386
Ion Ratio Lower Upper
96 100
61 161.5 116.0 174.0
98 52.4 51.7 77.5



#22
Diisopropyl ether
Concen: 0.905 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 45 Resp: 14178
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 19.5 20.2 30.4#
59 10.6 8.6 12.8

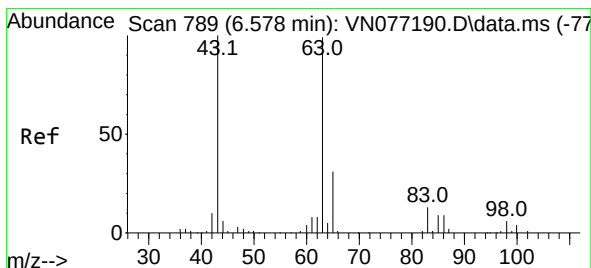
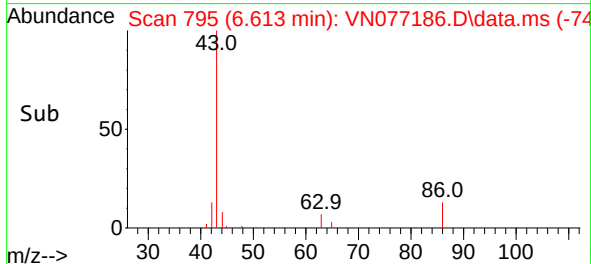
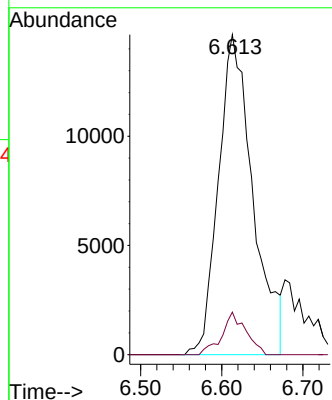
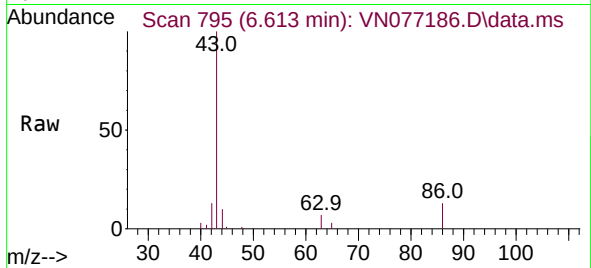




#23
 Vinyl Acetate
 Concen: 3.759 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

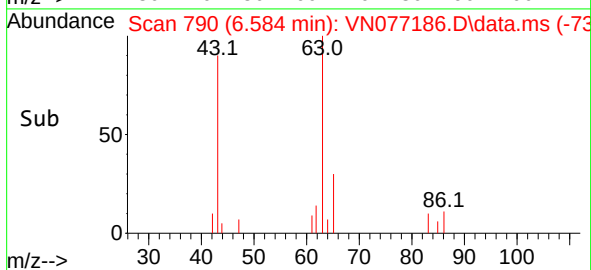
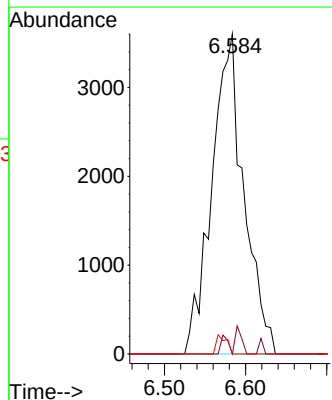
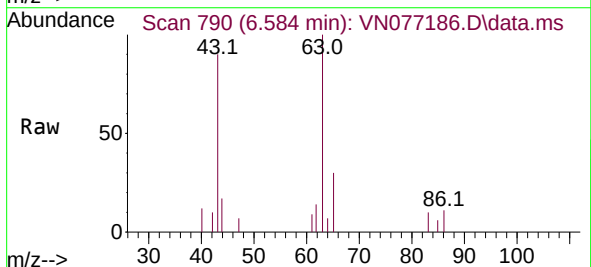
Instrument :
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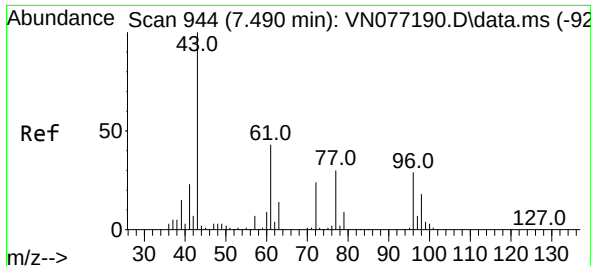
Tgt Ion: 43 Resp: 43176
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.7 11.5#



#24
 1,1-Dichloroethane
 Concen: 1.089 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

Tgt Ion: 63 Resp: 9890
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.1 9.4#
 100 0.0 2.1 6.5#

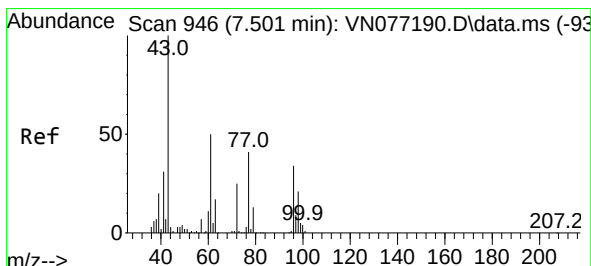
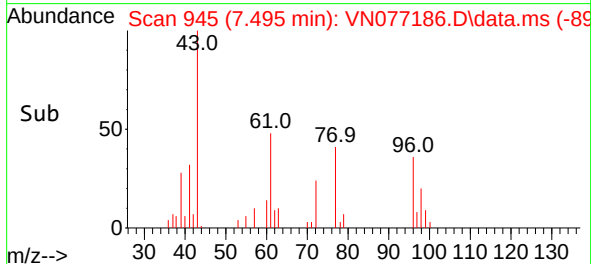
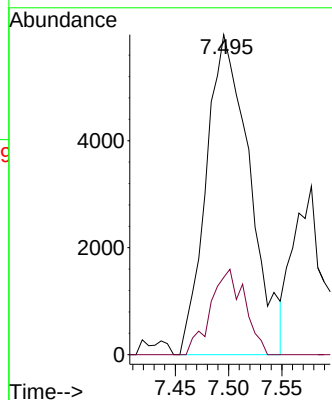
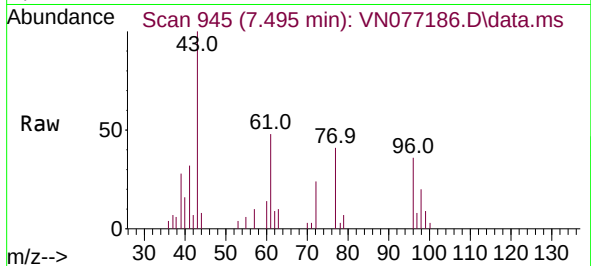




#25
2-Butanone
Concen: 4.949 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

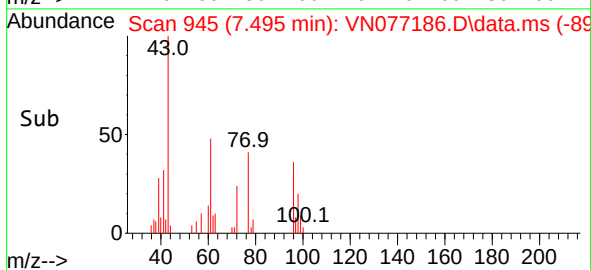
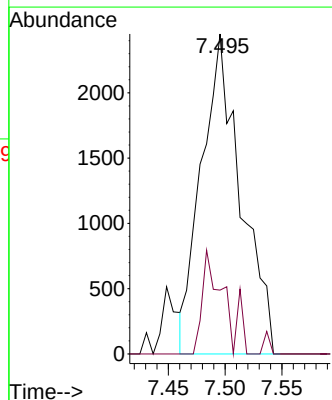
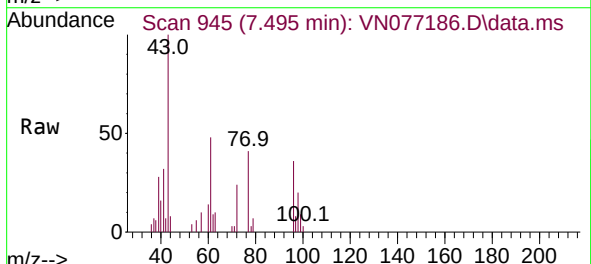
Instrument :
MSVOA_N
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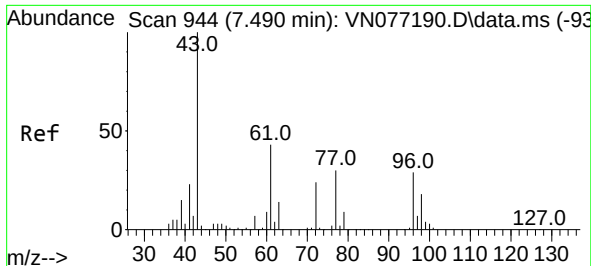
Tgt Ion: 43 Resp: 17010
Ion Ratio Lower Upper
43 100
72 24.2 19.0 28.4



#26
2,2-Dichloropropane
Concen: 0.956 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 77 Resp: 5889
Ion Ratio Lower Upper
77 100
97 18.2 11.1 33.1

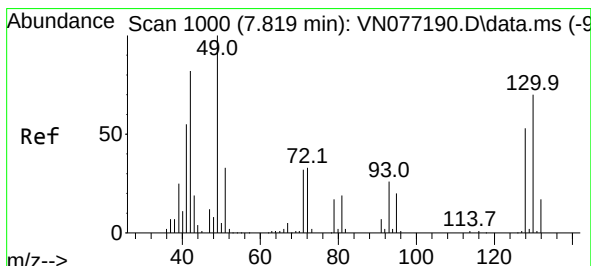
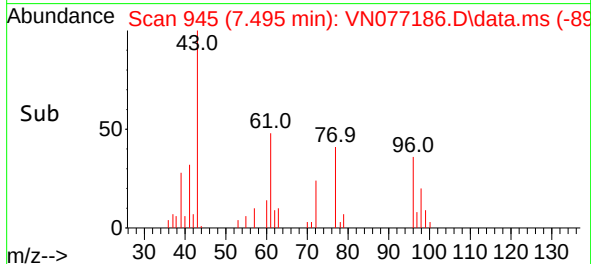
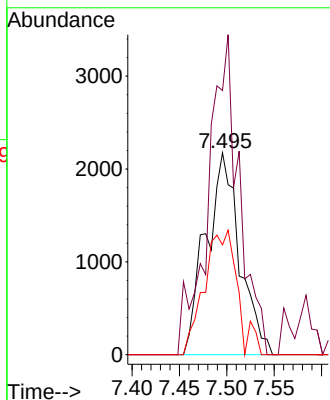
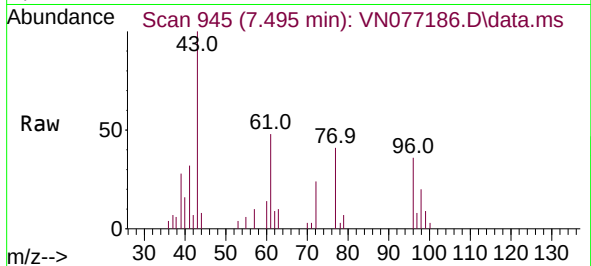




#27
 cis-1,2-Dichloroethene
 Concen: 1.063 ug/l
 RT: 7.495 min Scan# 944
 Delta R.T. 0.006 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

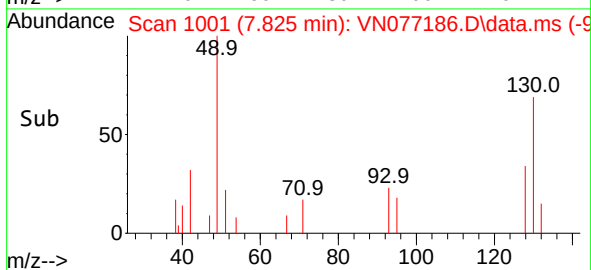
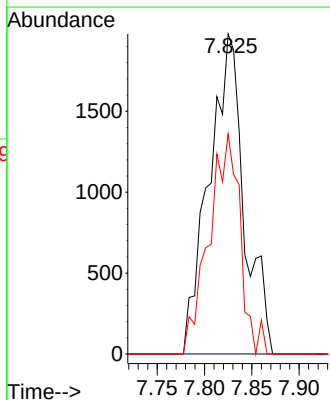
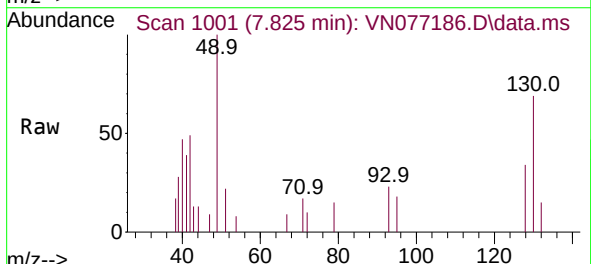
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

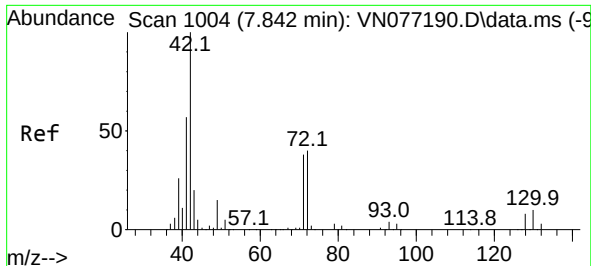
Tgt Ion: 96 Resp: 5396
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 303.6
 98 60.5 0.0 126.0



#28
 Bromochloromethane
 Concen: 1.117 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

Tgt Ion: 49 Resp: 5110
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 60.9 52.5 78.7





#29

Tetrahydrofuran

Concen: 4.504 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

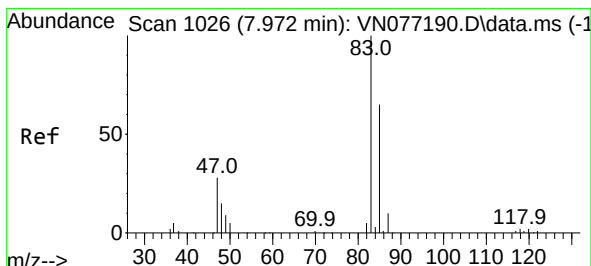
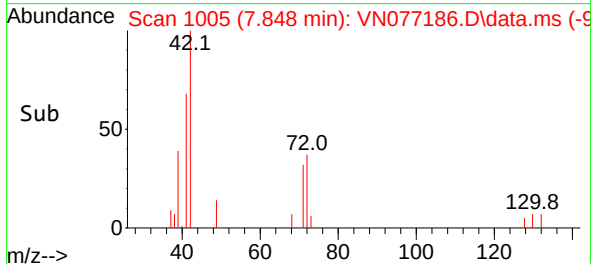
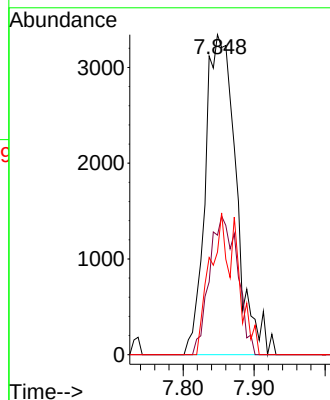
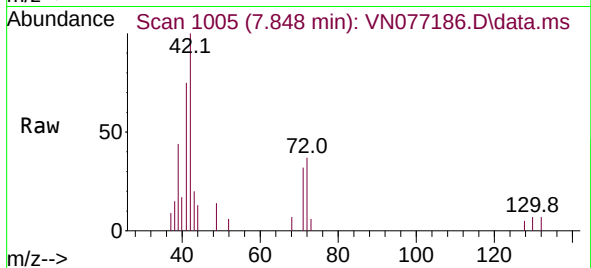
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:	42	Resp:	10094
Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.1	48.1
71	25.8	30.2	45.4#



#30

Chloroform

Concen: 1.119 ug/l

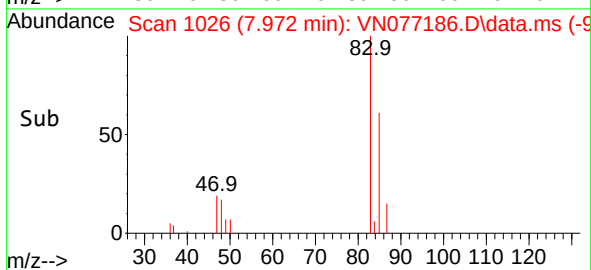
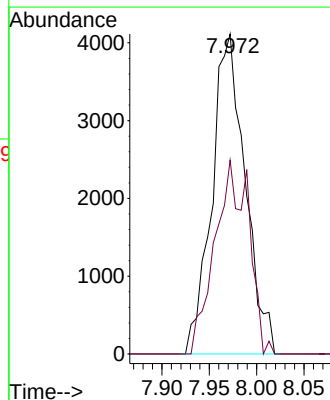
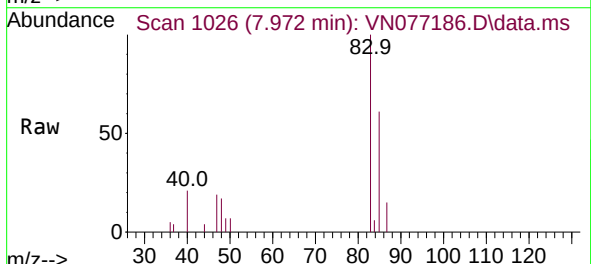
RT: 7.972 min Scan# 1026

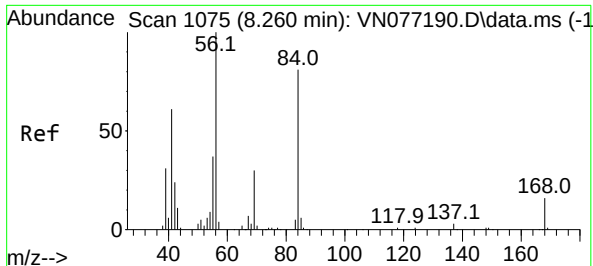
Delta R.T. 0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Tgt Ion:	83	Resp:	10028
Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.2	78.4

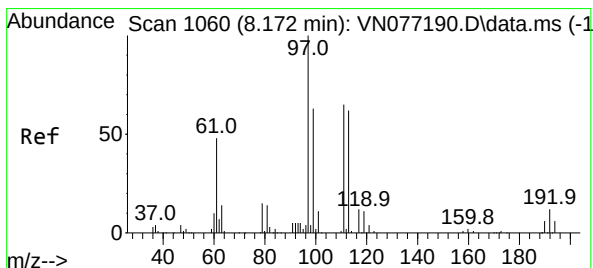
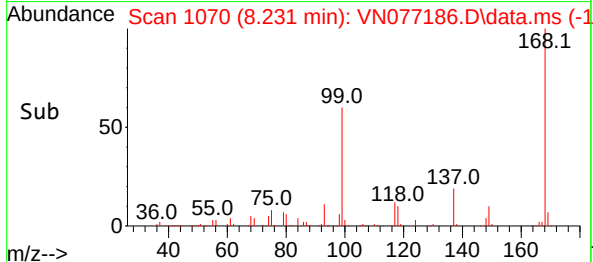
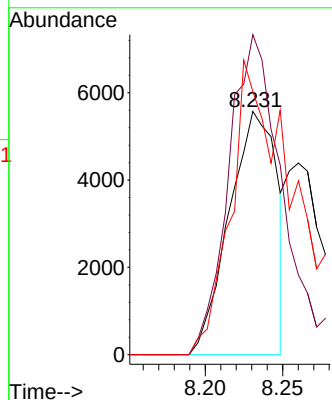
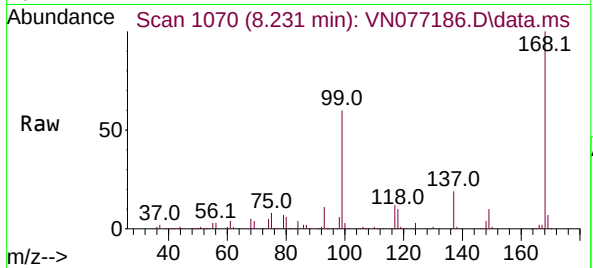




#31
Cyclohexane
Concen: 1.431 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

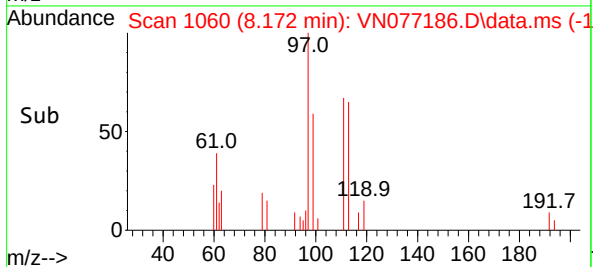
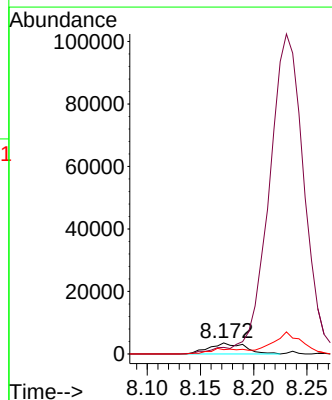
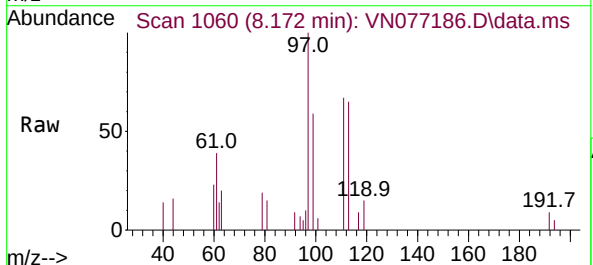
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

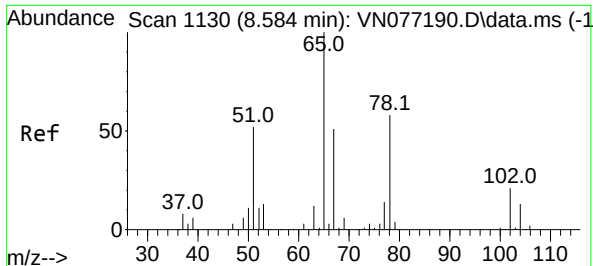
Tgt Ion: 56 Resp: 11893
Ion Ratio Lower Upper
56 100
69 131.6 23.7 35.5#
84 108.2 64.8 97.2#



#32
1,1,1-Trichloroethane
Concen: 1.076 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 97 Resp: 8269
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.2#
61 46.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 1.043 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

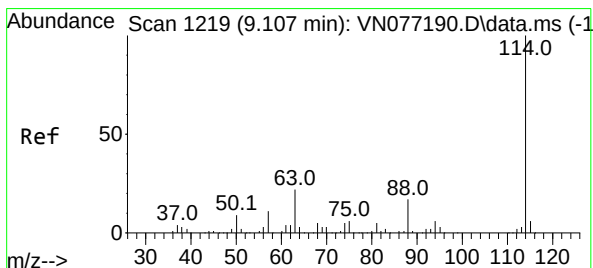
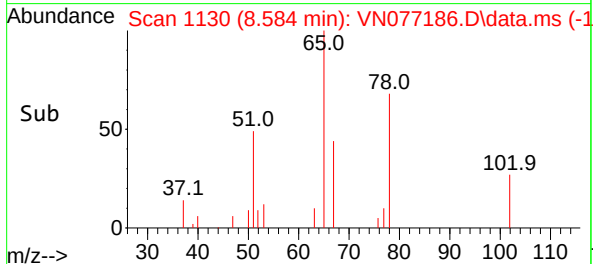
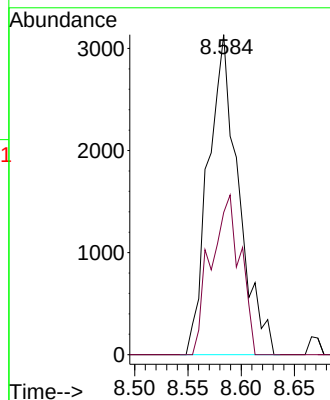
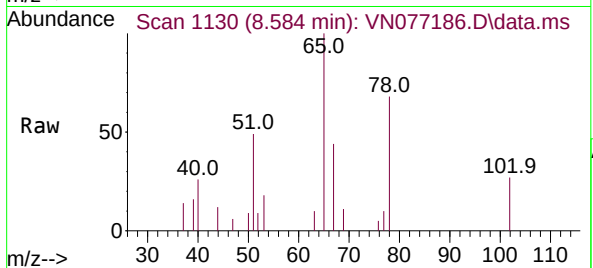
VSTDIC001

Tgt Ion: 65 Resp: 6201

Ion Ratio Lower Upper

65 100

67 48.6 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: VN077186.D

Acq: 24 Mar 2023 20:06

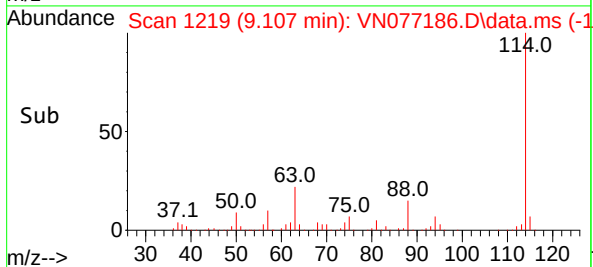
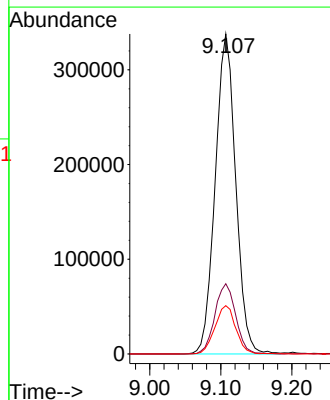
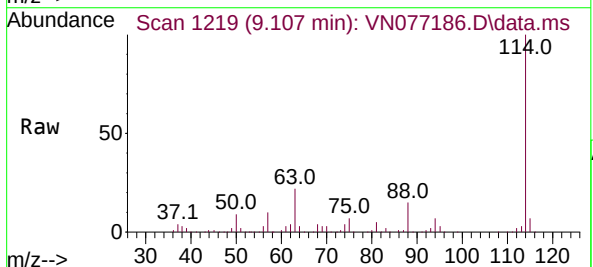
Tgt Ion: 114 Resp: 675834

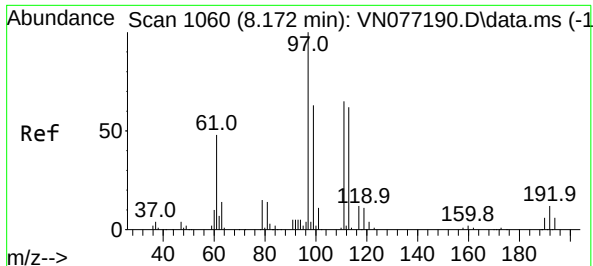
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 15.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 1.127 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

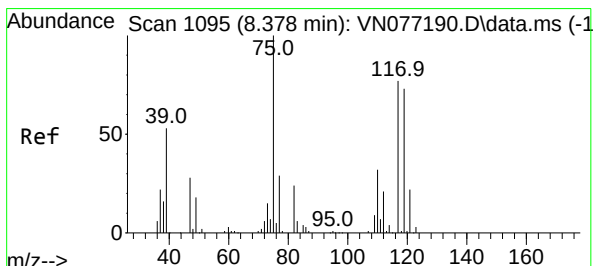
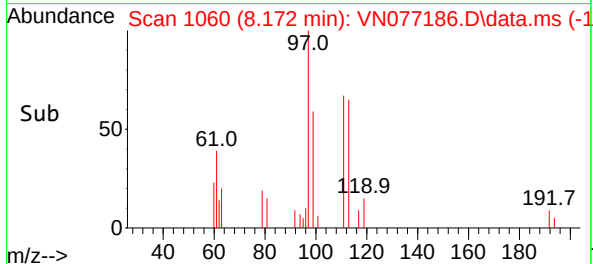
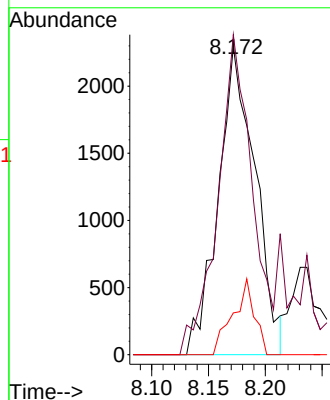
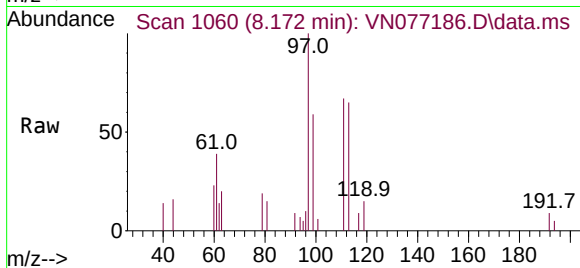
Tgt Ion:113 Resp: 5187

Ion Ratio Lower Upper

113 100

111 96.0 82.6 123.8

192 14.4 14.8 22.2#



#36

1,1-Dichloropropene

Concen: 1.008 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

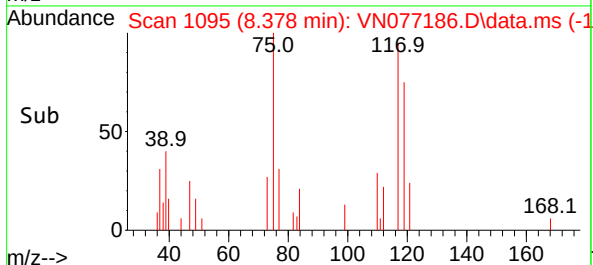
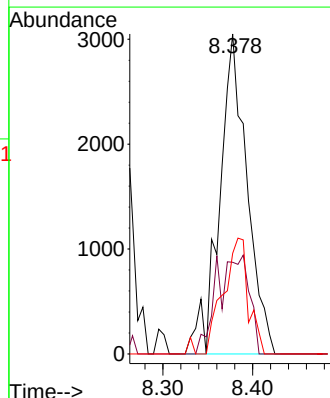
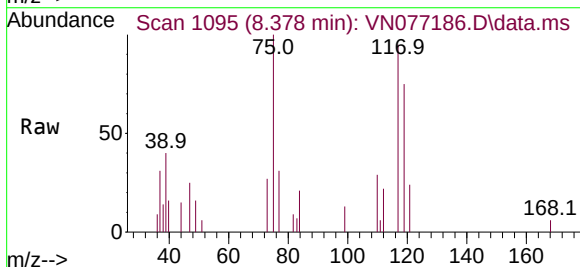
Tgt Ion: 75 Resp: 6516

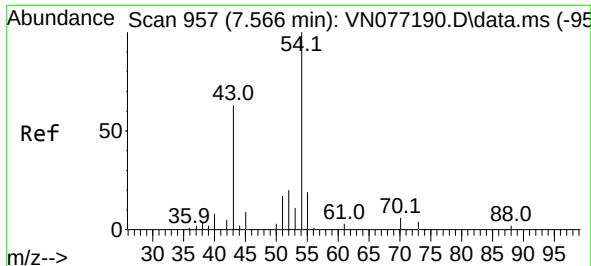
Ion Ratio Lower Upper

75 100

110 36.1 16.3 48.9

77 32.7 24.7 37.1

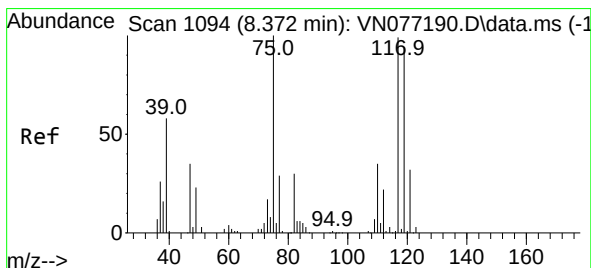
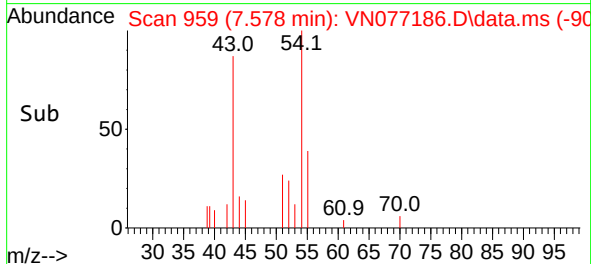
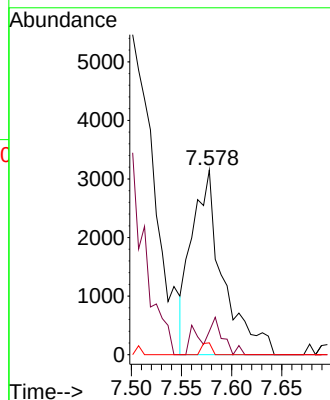
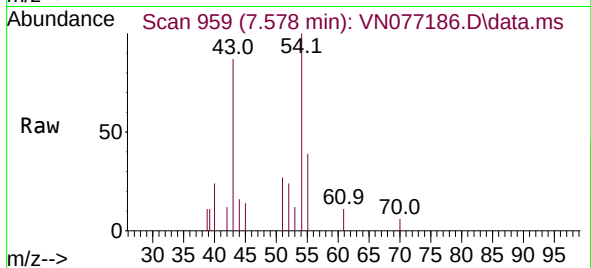




#37
Ethyl Acetate
Concen: 0.954 ug/l
RT: 7.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

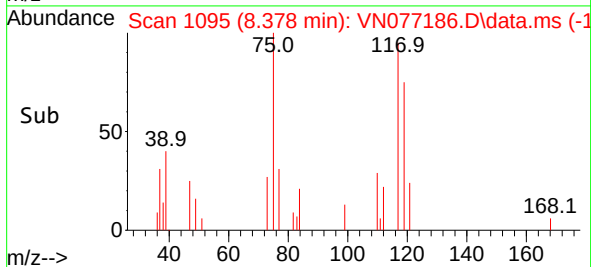
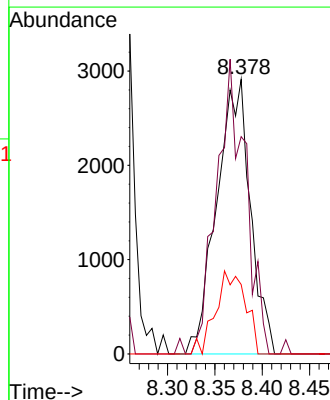
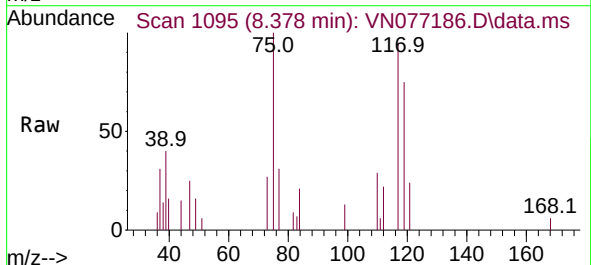
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

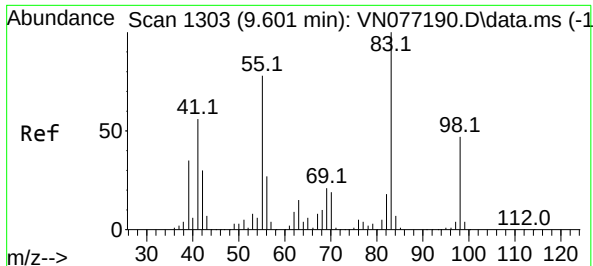
Tgt Ion: 43 Resp: 6833
Ion Ratio Lower Upper
43 100
61 9.0 9.9 14.9#
70 2.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 1.081 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 117 Resp: 7177
Ion Ratio Lower Upper
117 100
119 79.1 76.6 114.8
121 25.3 25.7 38.5#





#39

Methylcyclohexane

Concen: 0.871 ug/l

RT: 9.613 min Scan# 1135

Delta R.T. 0.012 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

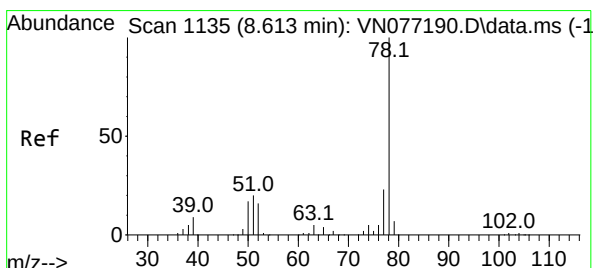
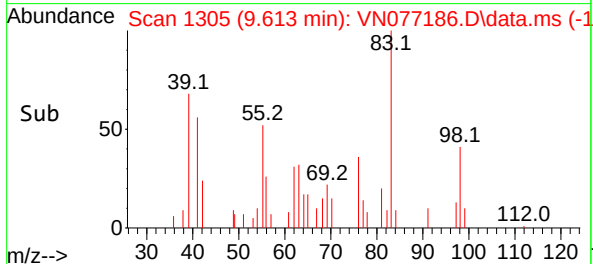
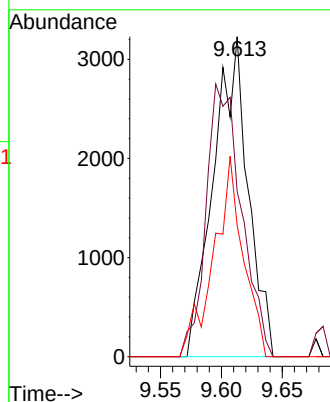
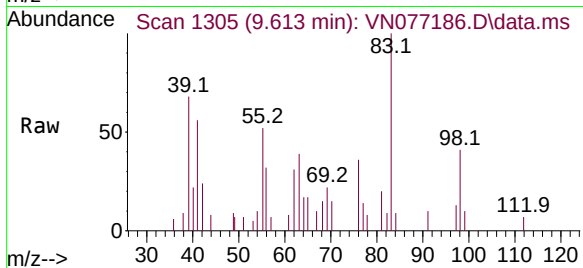
Tgt Ion: 83 Resp: 6399

Ion Ratio Lower Upper

83 100

55 51.7 62.5 93.7#

98 41.0 37.3 55.9



#40

Benzene

Concen: 1.052 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077186.D

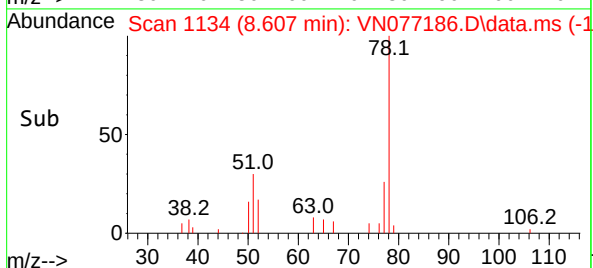
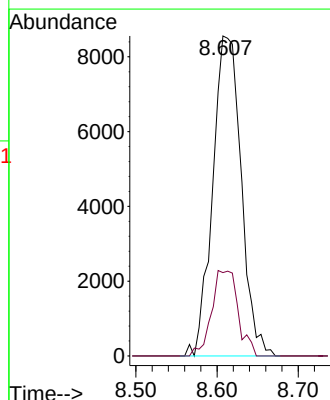
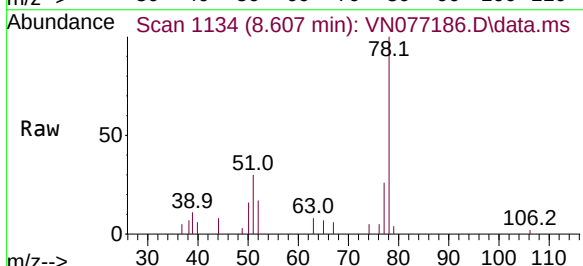
Acq: 24 Mar 2023 20:06

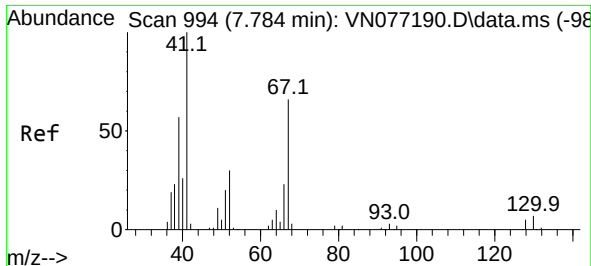
Tgt Ion: 78 Resp: 20876

Ion Ratio Lower Upper

78 100

77 26.1 18.6 28.0

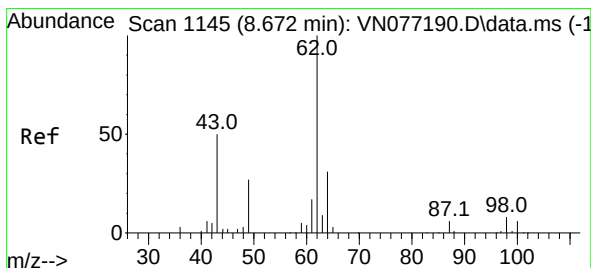
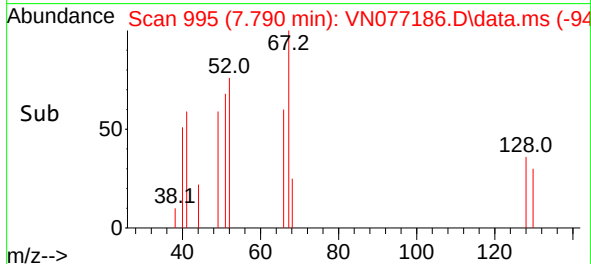
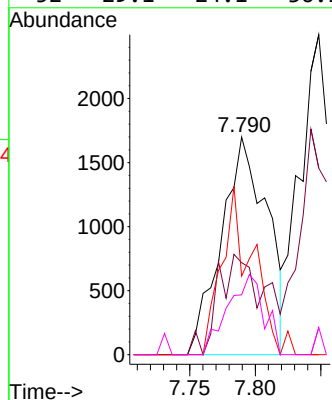
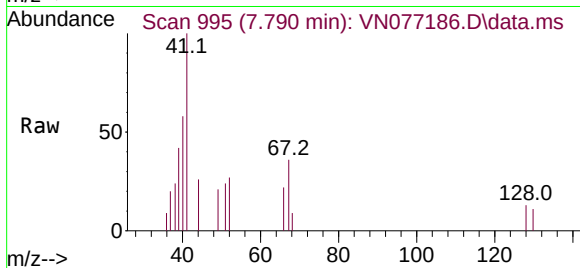




#41
Methacrylonitrile
Concen: 1.048 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

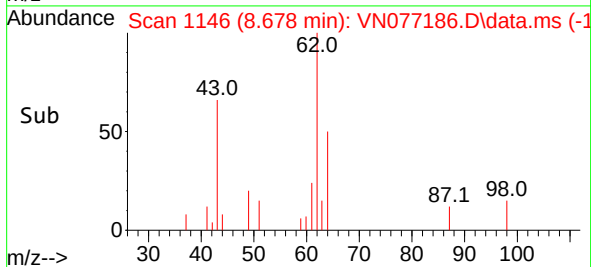
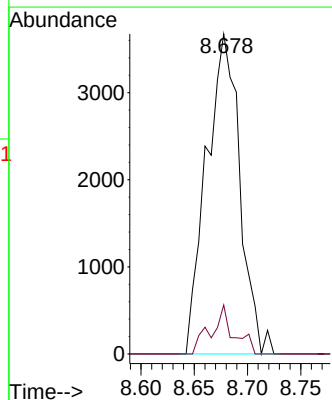
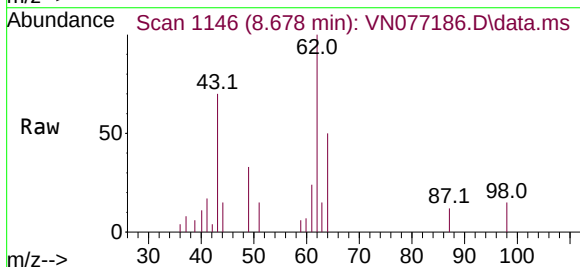
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

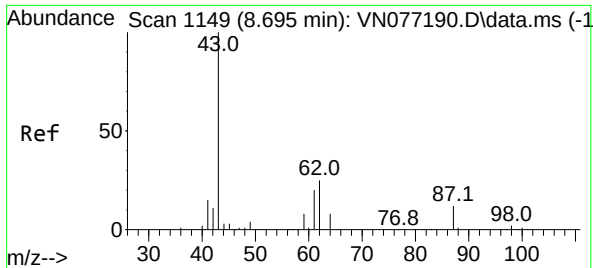
Tgt Ion:	41	Resp:	4123
Ion	Ratio	Lower	Upper
41	100		
39	39.3	45.4	68.2#
67	52.8	54.0	81.0#
52	29.1	24.1	36.1



#42
1,2-Dichloroethane
Concen: 1.066 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion:	62	Resp:	8008
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.4

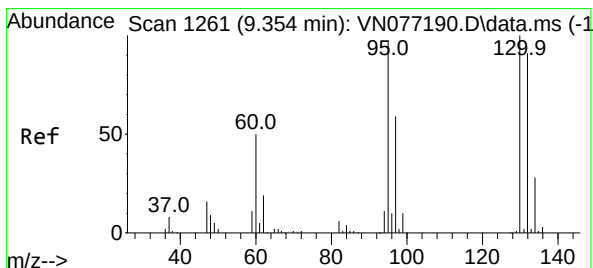
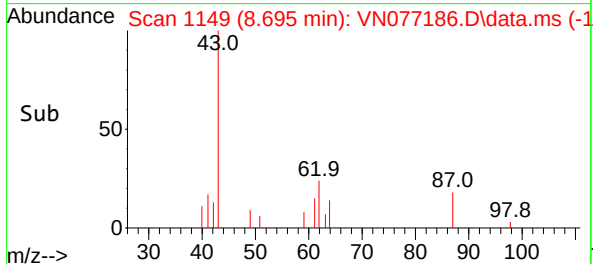
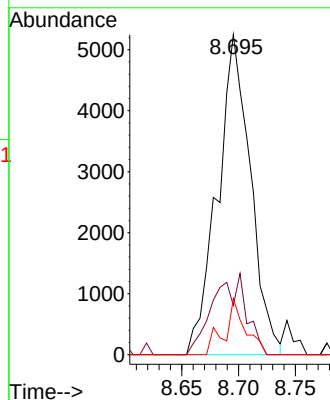
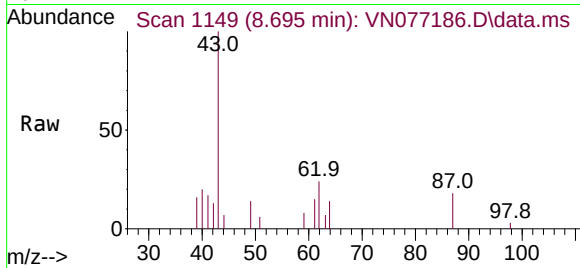




#43
Isopropyl Acetate
Concen: 0.925 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

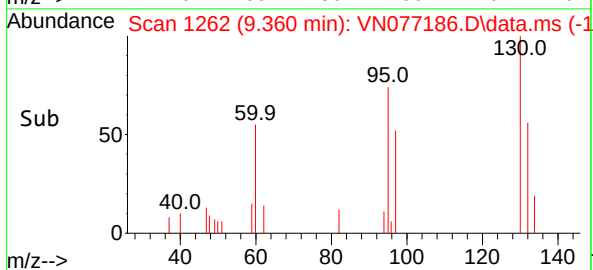
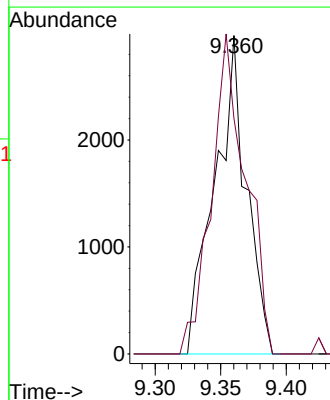
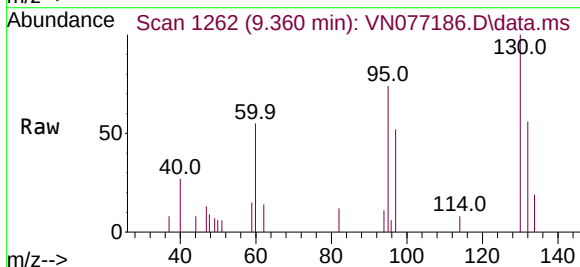
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

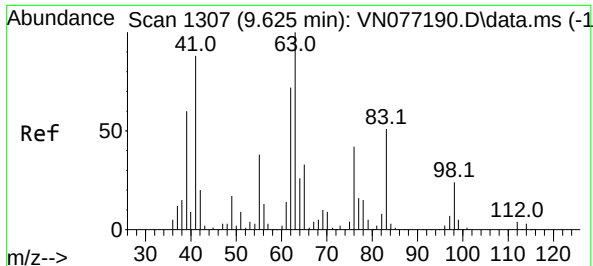
Tgt Ion: 43	Resp:	10595
Ion Ratio	Lower	Upper
43	100	
61	25.6	19.4 29.2
87	11.0	9.8 14.8



#44
Trichloroethene
Concen: 1.078 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 130	Resp:	4994
Ion Ratio	Lower	Upper
130	100	
95	74.0	0.0 193.4





#45

1,2-Dichloropropane

Concen: 1.017 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

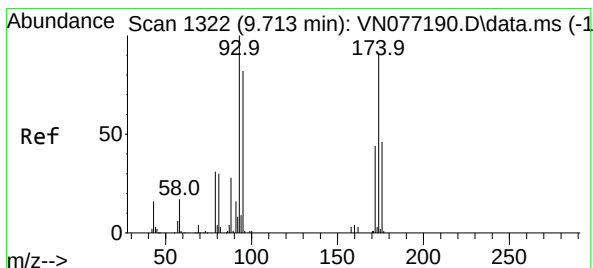
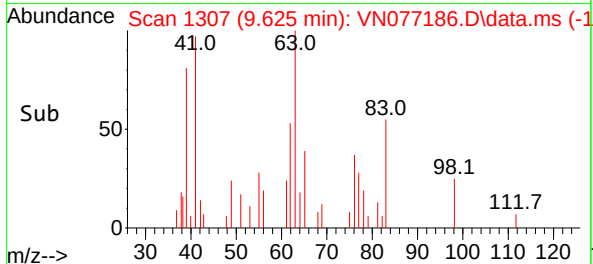
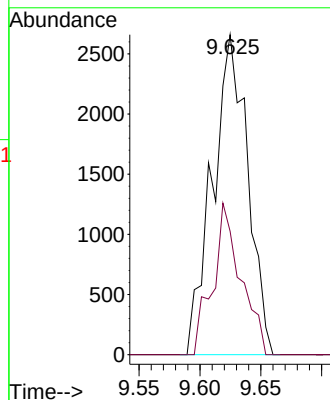
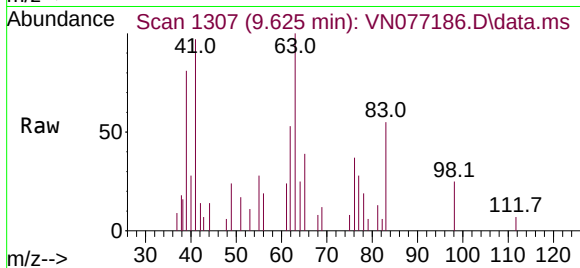
VSTDIC001

Tgt Ion: 63 Resp: 5352

Ion Ratio Lower Upper

63 100

65 38.5 26.2 39.4



#46

Dibromomethane

Concen: 0.933 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

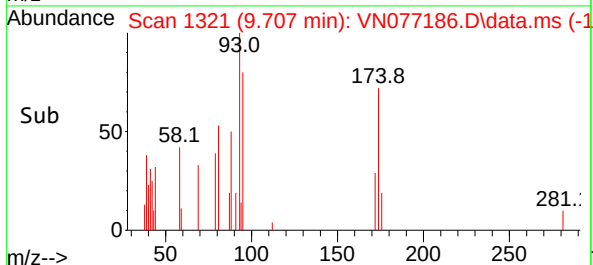
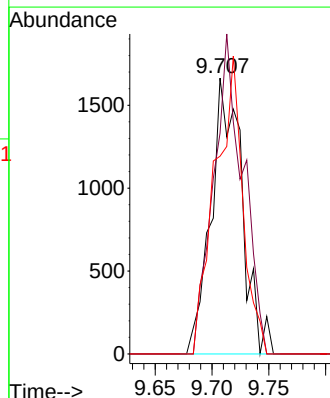
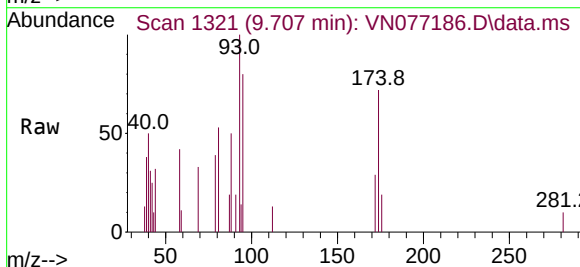
Tgt Ion: 93 Resp: 3135

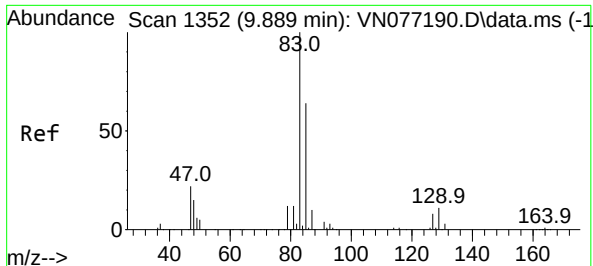
Ion Ratio Lower Upper

93 100

95 110.8 65.7 98.5#

174 97.1 73.2 109.8





#47

Bromodichloromethane

Concen: 1.050 ug/l

RT: 9.895 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

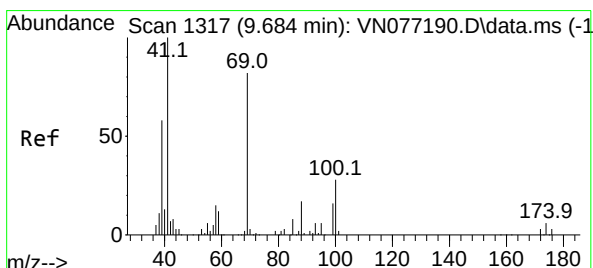
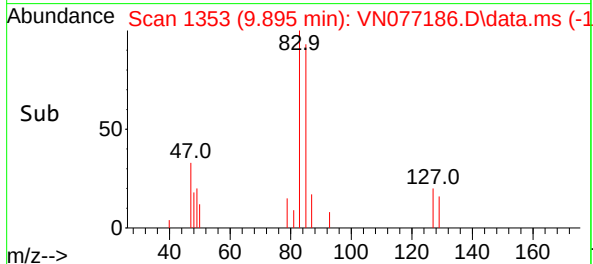
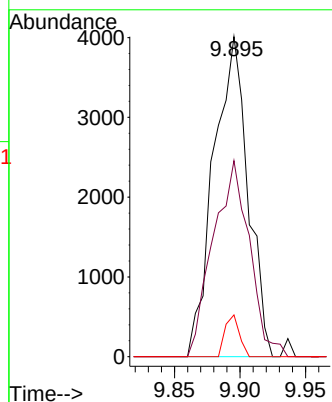
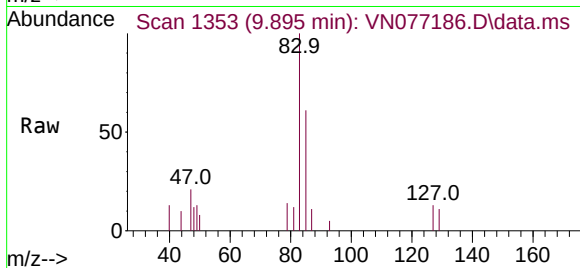
Tgt Ion: 83 Resp: 7279

Ion Ratio Lower Upper

83 100

85 61.3 51.4 77.0

127 13.1 6.5 9.7#



#48

Methyl methacrylate

Concen: 0.965 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.012 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

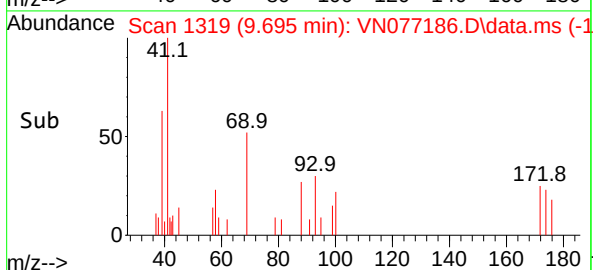
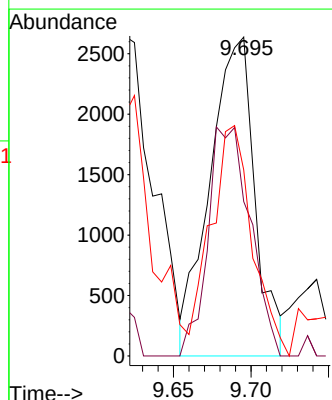
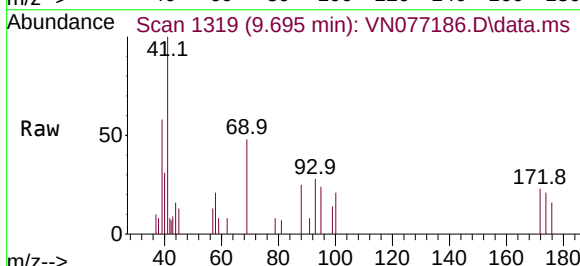
Tgt Ion: 41 Resp: 5344

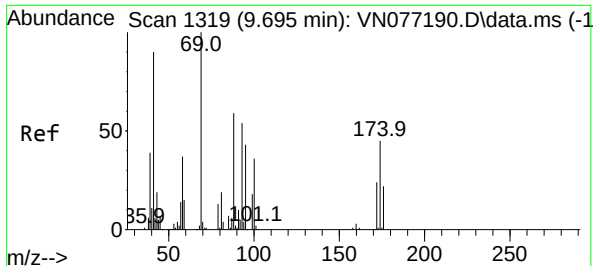
Ion Ratio Lower Upper

41 100

69 67.3 60.9 91.3

39 66.1 49.3 73.9





#49

1,4-Dioxane

Concen: 17.599 ug/l

RT: 9.707 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

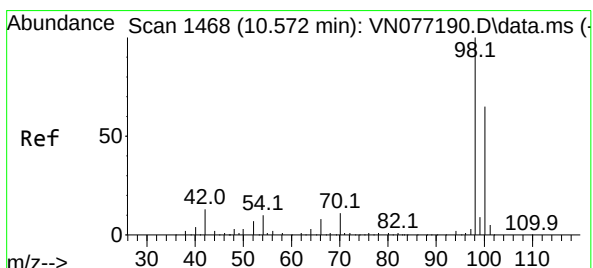
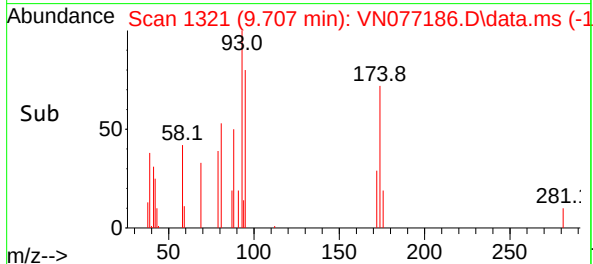
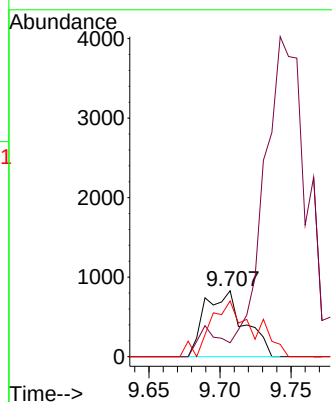
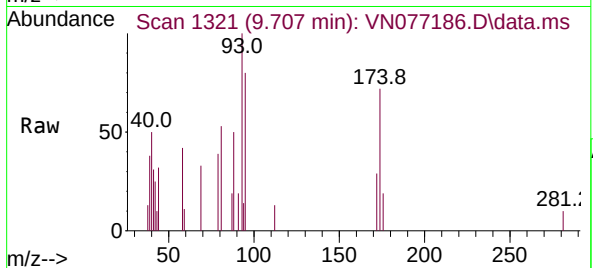
Tgt Ion: 88 Resp: 1598

Ion Ratio Lower Upper

88 100

43 27.2 24.2 36.4

58 92.4 56.2 84.2#



#50

Toluene-d8

Concen: 0.946 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077186.D

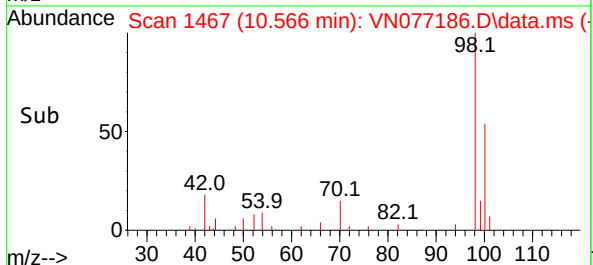
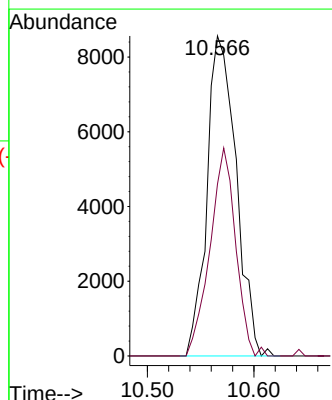
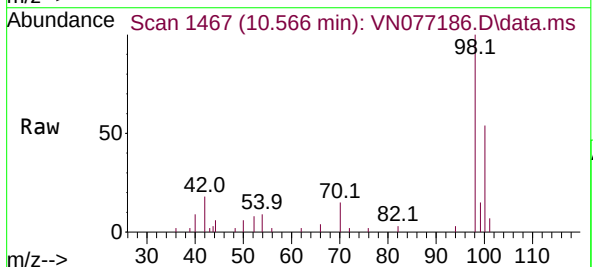
Acq: 24 Mar 2023 20:06

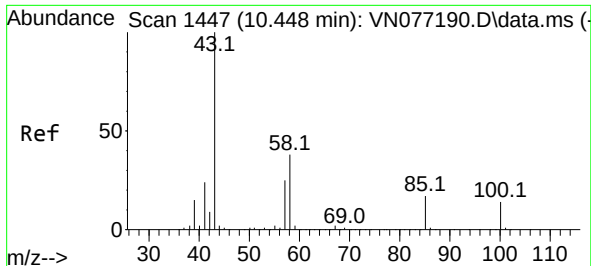
Tgt Ion: 98 Resp: 16299

Ion Ratio Lower Upper

98 100

100 57.2 51.7 77.5

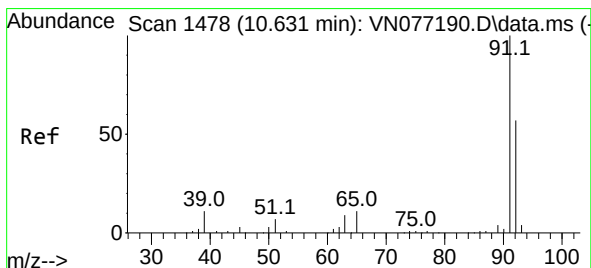
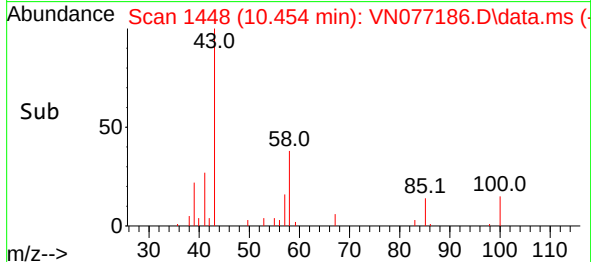
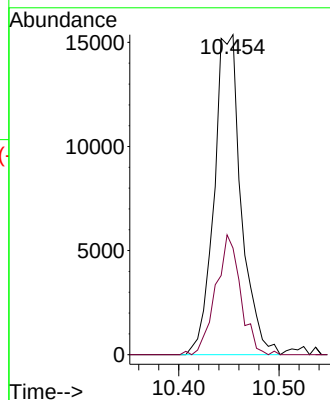
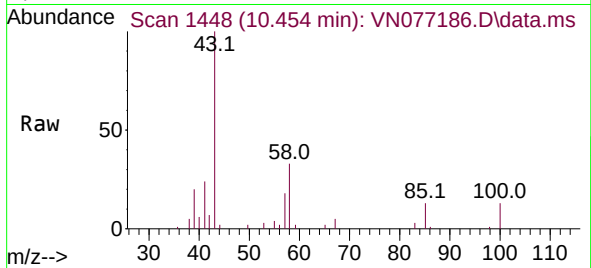




#51
4-Methyl-2-Pentanone
Concen: 4.107 ug/l
RT: 10.454 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

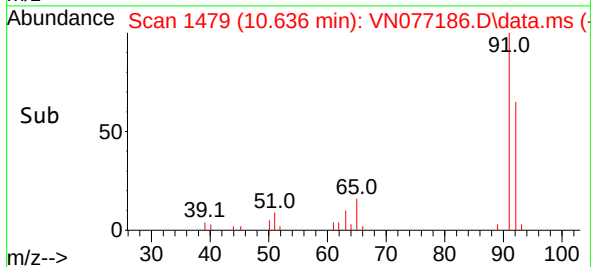
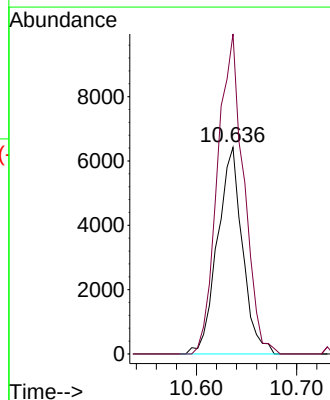
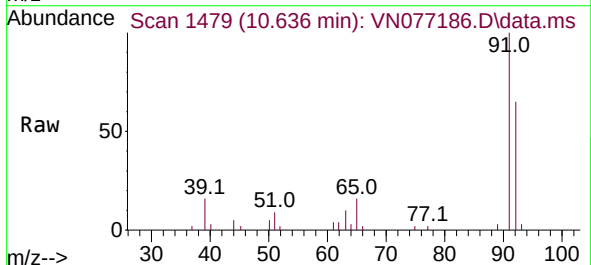
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

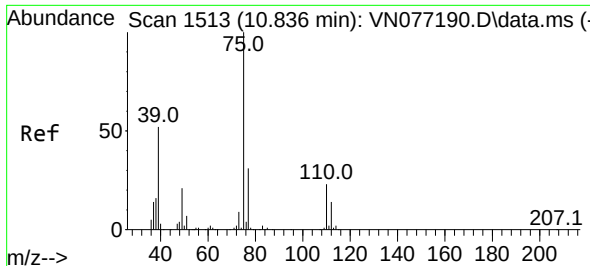
Tgt Ion: 43 Resp: 28810
Ion Ratio Lower Upper
43 100
58 34.3 29.5 44.3



#52
Toluene
Concen: 0.938 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 92 Resp: 11154
Ion Ratio Lower Upper
92 100
91 162.2 137.6 206.4

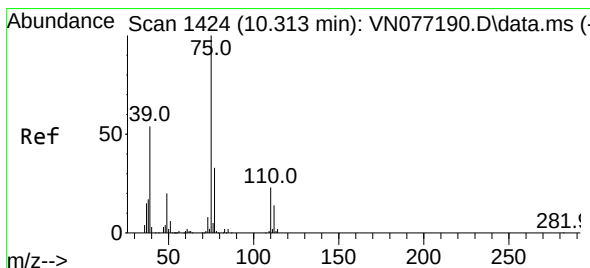
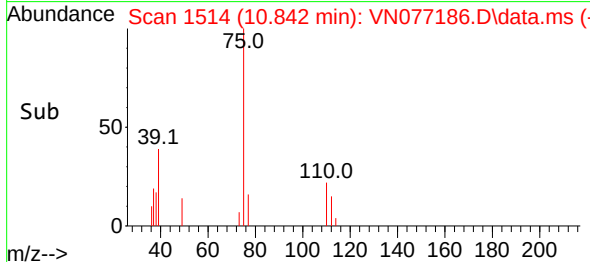
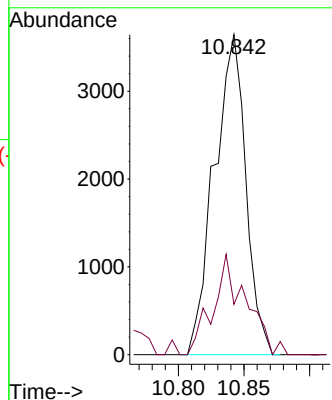
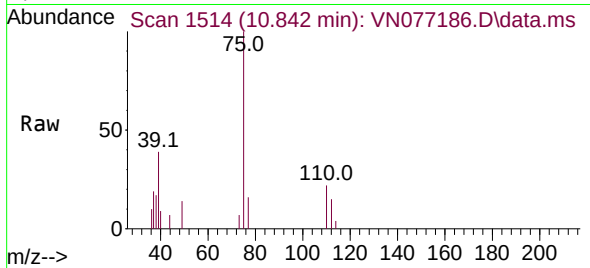




#53
t-1,3-Dichloropropene
Concen: 0.890 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

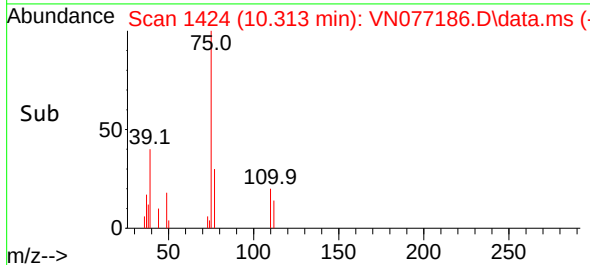
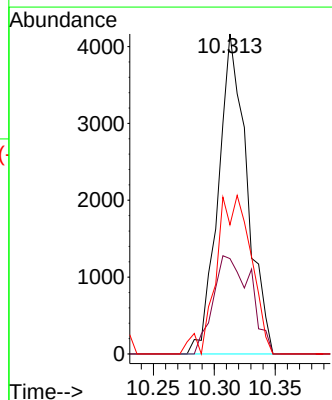
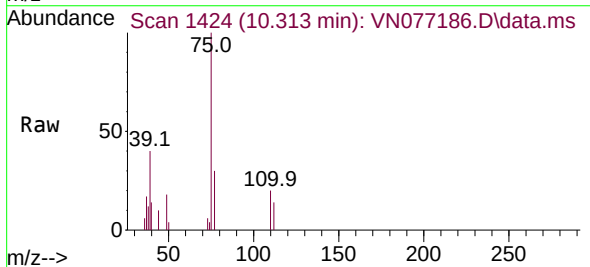
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

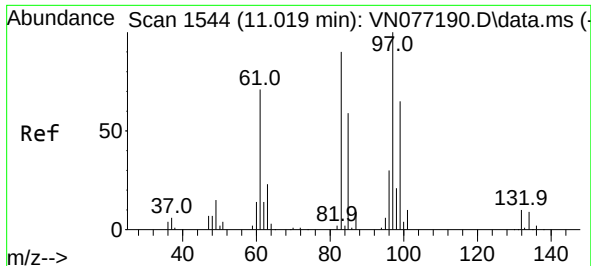
Tgt Ion: 75 Resp: 6105
Ion Ratio Lower Upper
75 100
77 15.8 25.2 37.8#



#54
cis-1,3-Dichloropropene
Concen: 0.912 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 75 Resp: 6858
Ion Ratio Lower Upper
75 100
77 29.8 26.6 40.0
39 40.4 43.5 65.3#

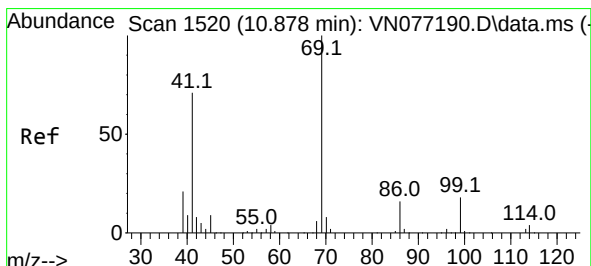
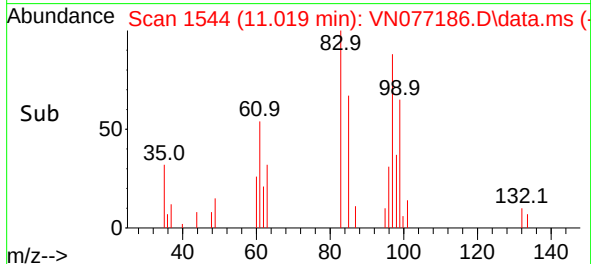
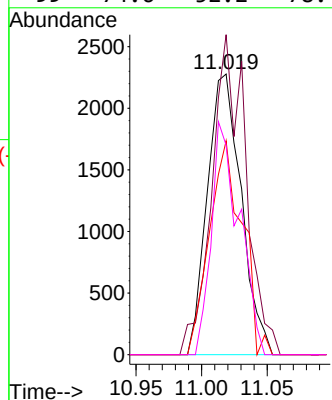
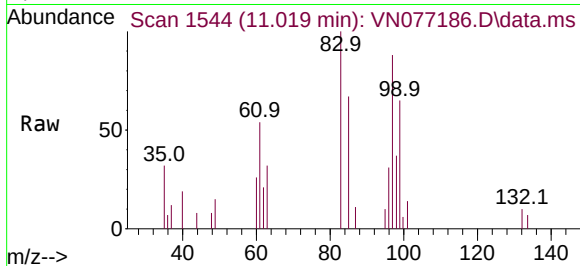




#55
1,1,2-Trichloroethane
Concen: 0.891 ug/l
RT: 11.019 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

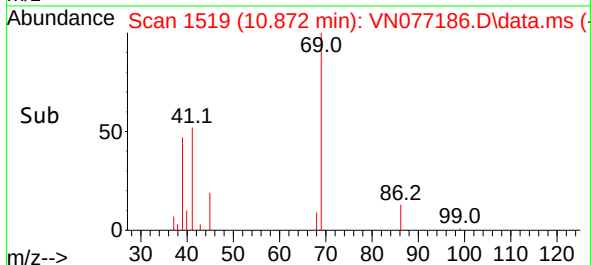
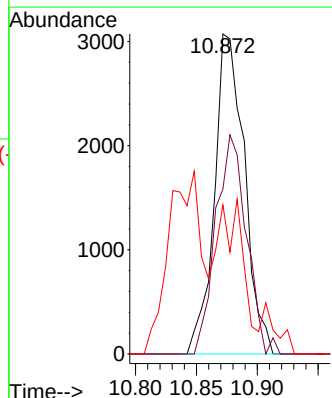
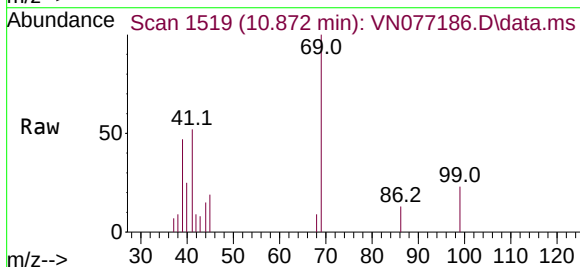
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

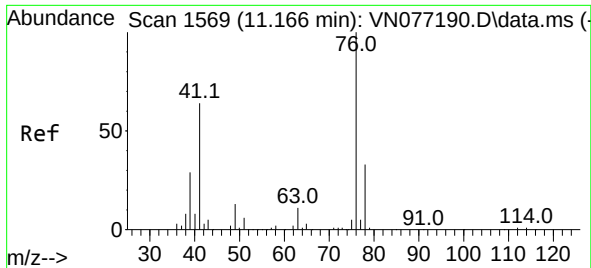
Tgt Ion:	97	Resp:	4093
Ion	Ratio	Lower	Upper
97	100		
83	114.0	72.4	108.6#
85	76.2	46.9	70.3#
99	74.6	52.2	78.4



#56
Ethyl methacrylate
Concen: 2.747 ug/l
RT: 10.872 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion:	69	Resp:	5273
Ion	Ratio	Lower	Upper
69	100		
41	70.1	59.8	89.8
39	33.5	32.5	48.7





#57

1,3-Dichloropropane

Concen: 0.971 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

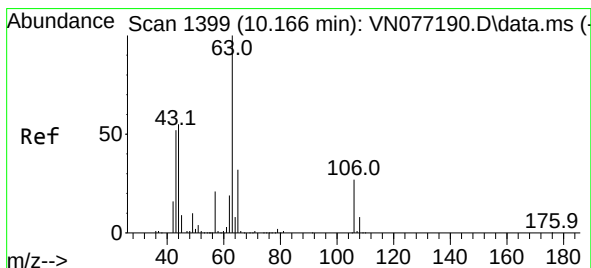
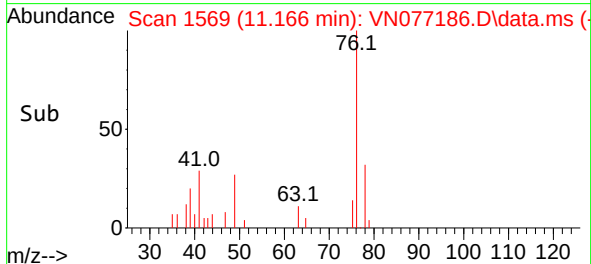
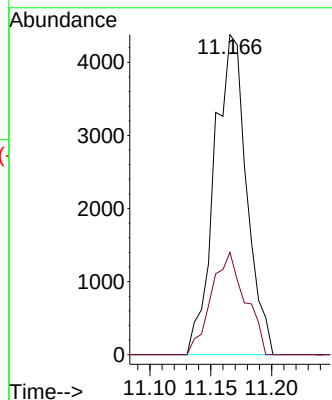
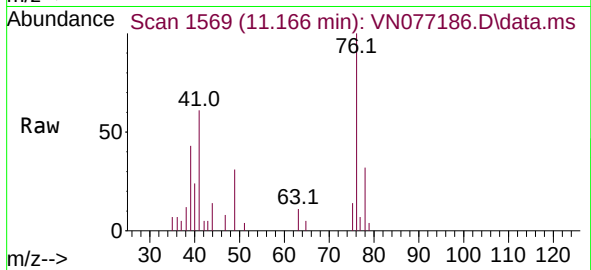
VSTDIC001

Tgt Ion: 76 Resp: 8074

Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 14.293 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077186.D

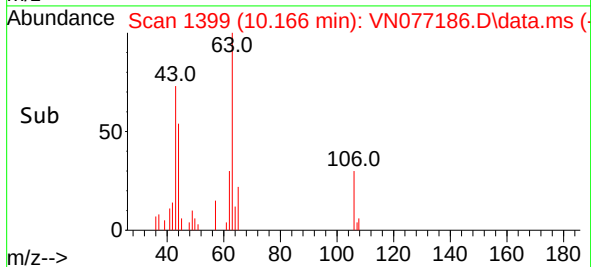
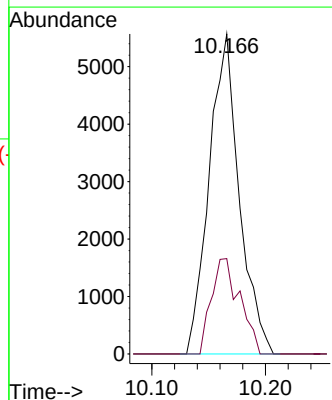
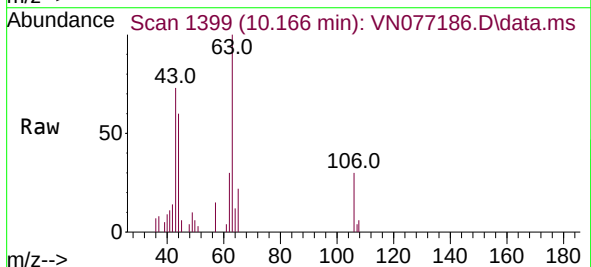
Acq: 24 Mar 2023 20:06

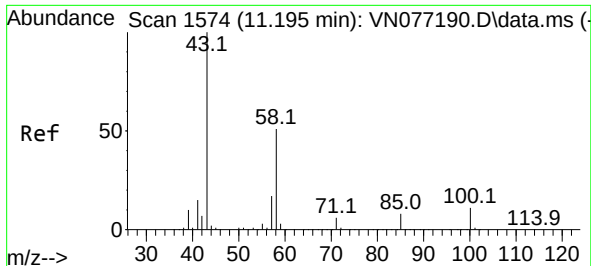
Tgt Ion: 63 Resp: 10257

Ion Ratio Lower Upper

63 100

106 28.0 20.9 31.3

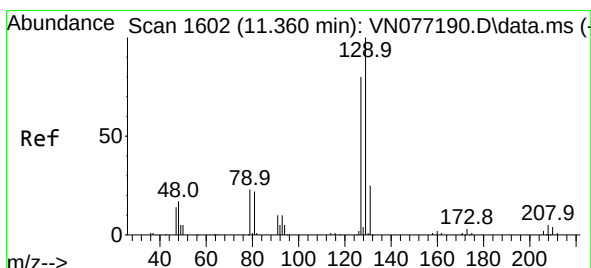
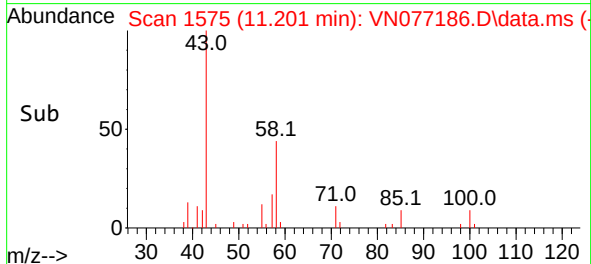
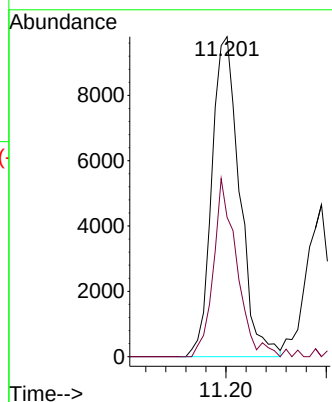
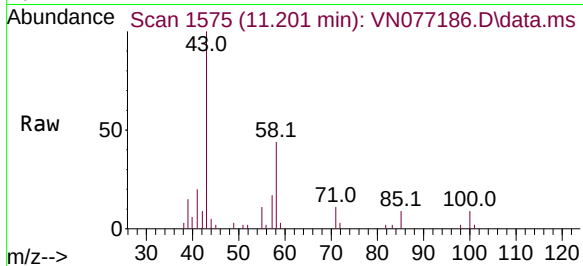




#59
2-Hexanone
Concen: 3.798 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

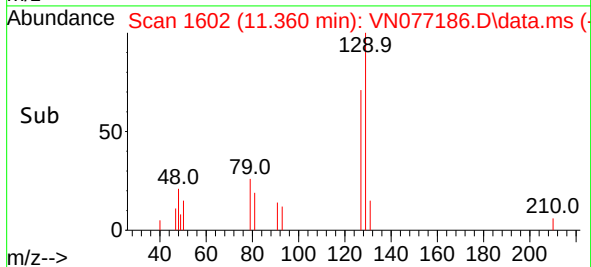
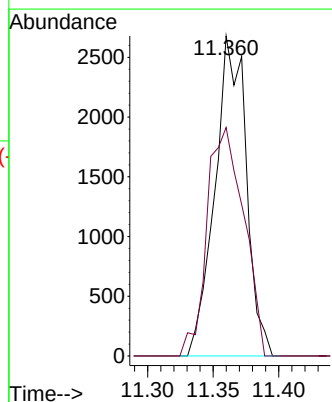
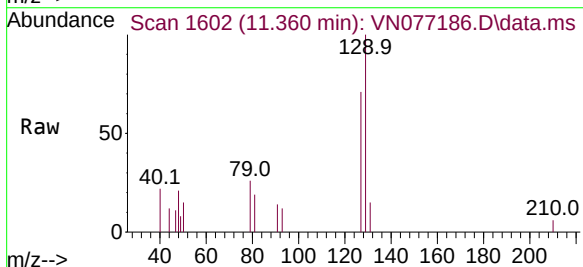
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

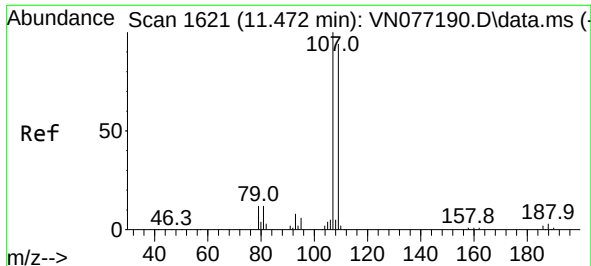
Tgt Ion: 43 Resp: 18881
Ion Ratio Lower Upper
43 100
58 46.6 25.8 77.4



#60
Dibromochloromethane
Concen: 0.924 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 129 Resp: 4439
Ion Ratio Lower Upper
129 100
127 84.1 38.6 115.7

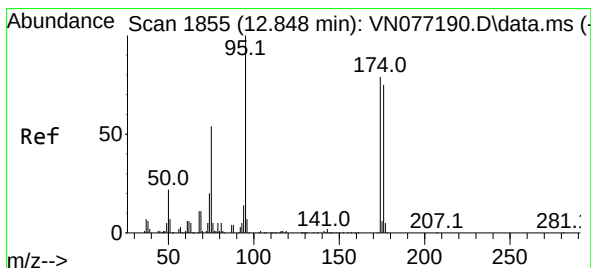
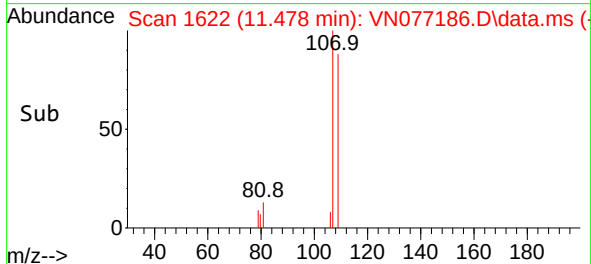
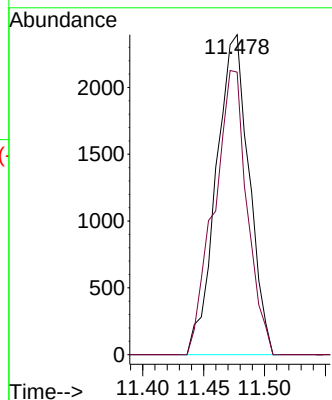
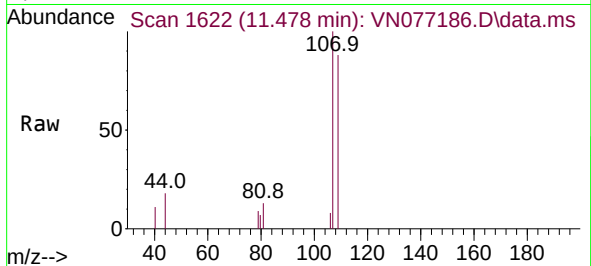




#61
1,2-Dibromoethane
Concen: 0.966 ug/l
RT: 11.478 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

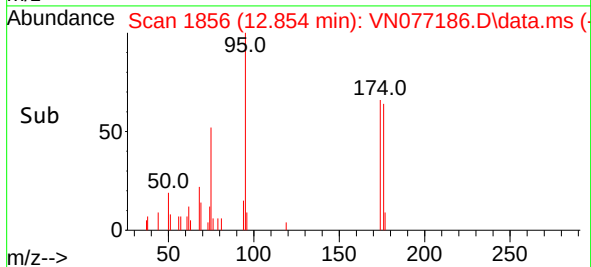
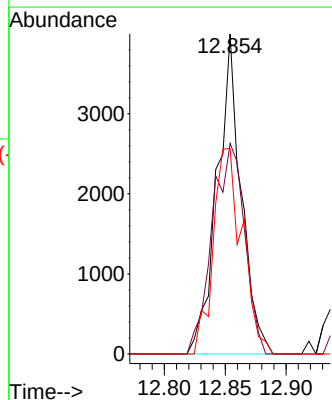
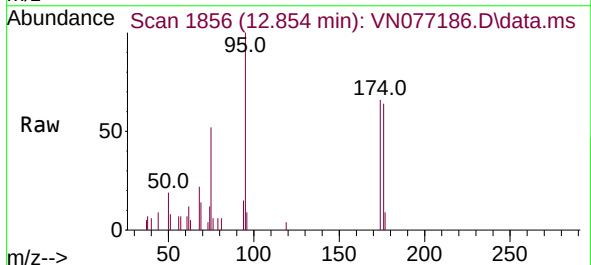
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

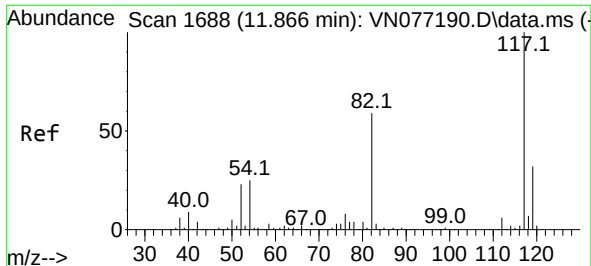
Tgt Ion:107 Resp: 4502
Ion Ratio Lower Upper
107 100
109 89.3 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 0.966 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 95 Resp: 5512
Ion Ratio Lower Upper
95 100
174 88.0 0.0 159.0
176 77.4 0.0 150.8

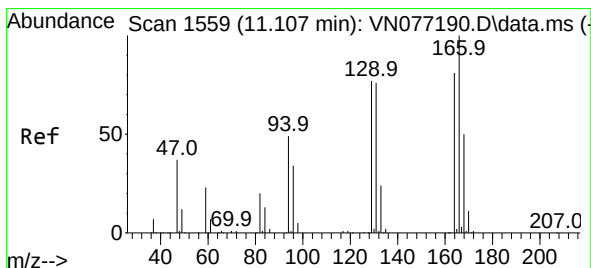
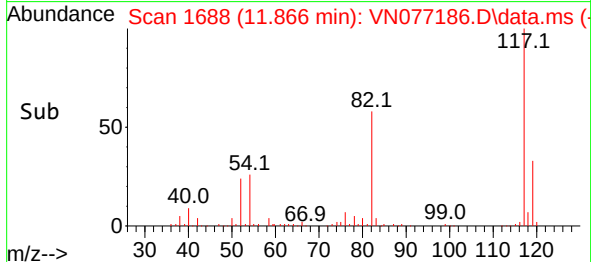
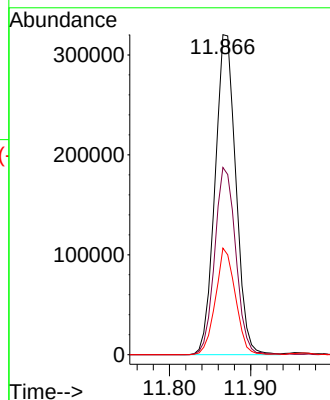
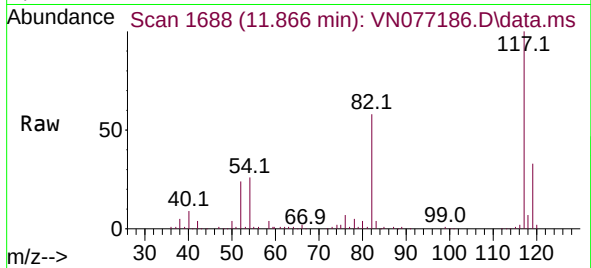




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

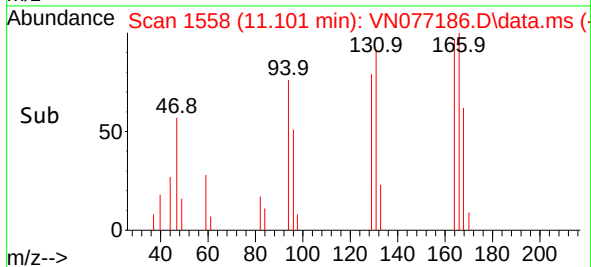
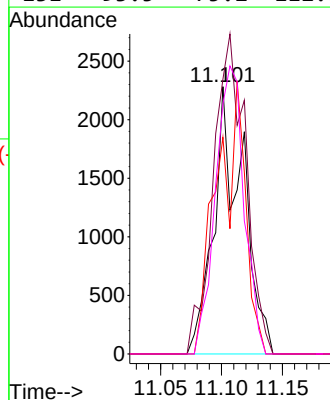
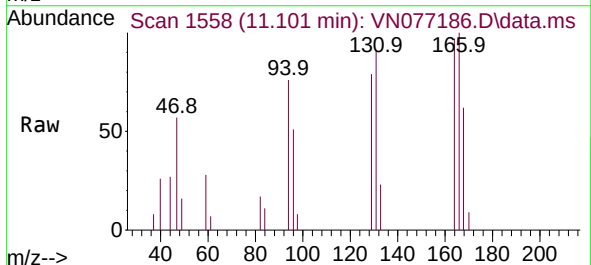
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

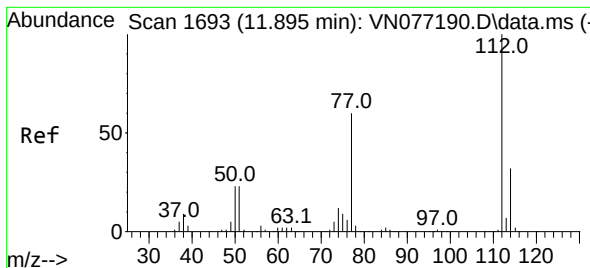
Tgt Ion:117 Resp: 571878
Ion Ratio Lower Upper
117 100
82 58.5 47.0 70.6
119 33.3 25.7 38.5



#64
Tetrachloroethene
Concen: 1.059 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion:164 Resp: 3803
Ion Ratio Lower Upper
164 100
166 102.7 99.4 149.0
129 81.0 76.6 114.8
131 93.5 75.2 112.8

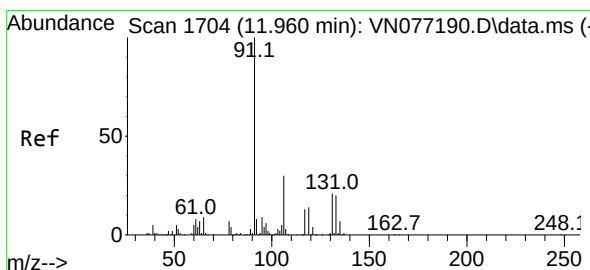
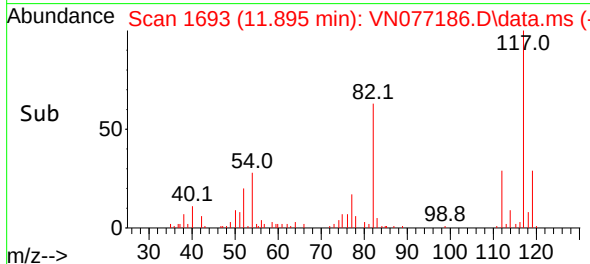
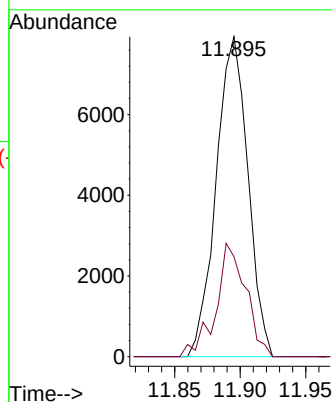
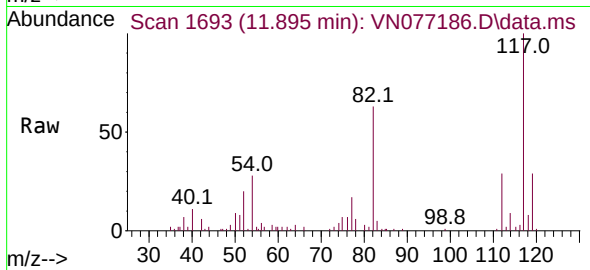




#65
Chlorobenzene
Concen: 1.124 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

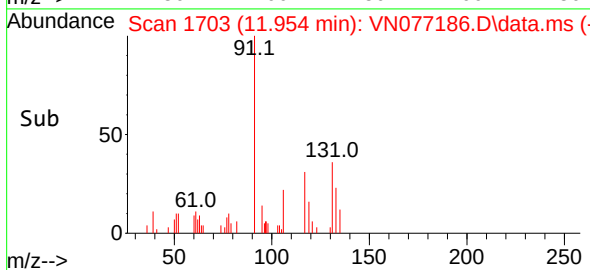
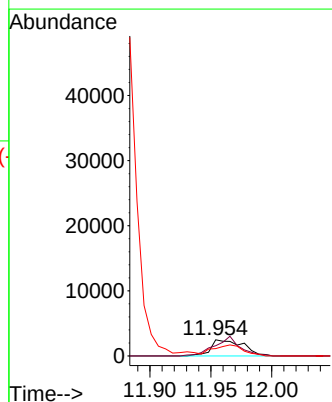
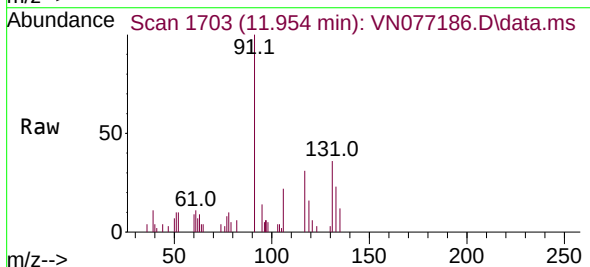
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

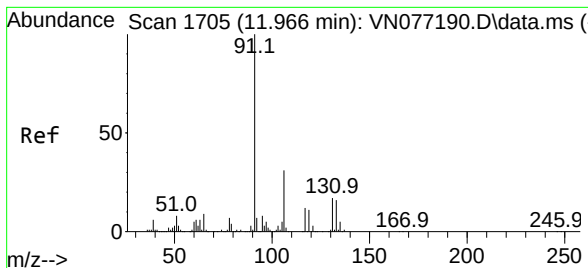
Tgt Ion:112 Resp: 13336
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.078 ug/l
RT: 11.954 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion:131 Resp: 4604
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.8
119 0.0 33.5 100.5#





#67

Ethyl Benzene

Concen: 0.905 ug/l

RT: 11.972 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

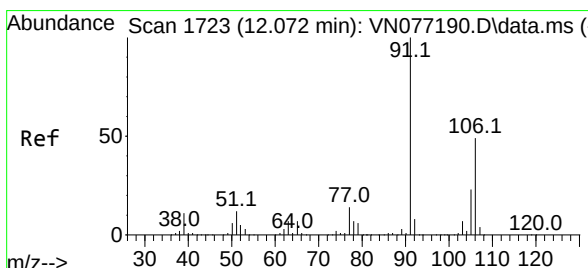
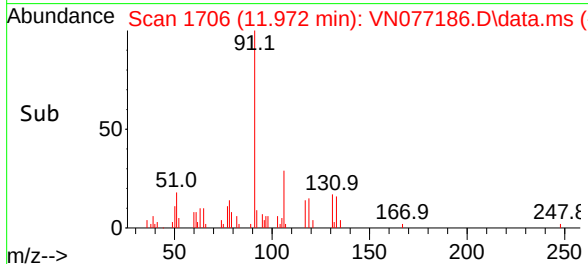
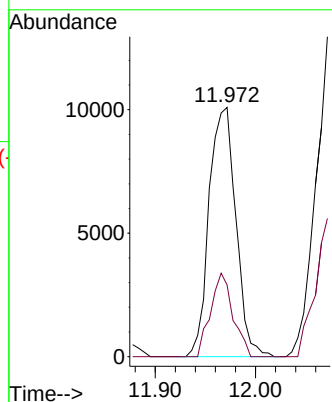
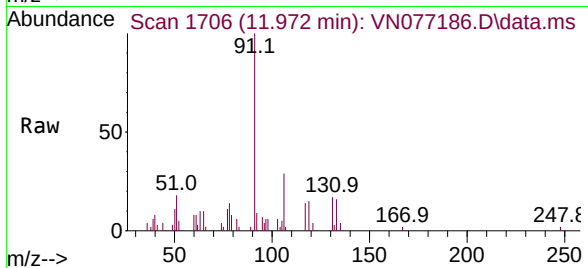
VSTDIC001

Tgt Ion: 91 Resp: 18725

Ion Ratio Lower Upper

91 100

106 28.8 24.4 36.6



#68

m/p-Xylenes

Concen: 1.522 ug/l

RT: 12.072 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN077186.D

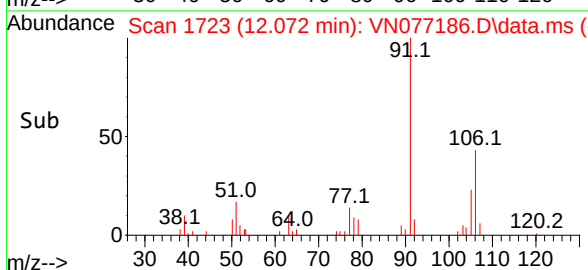
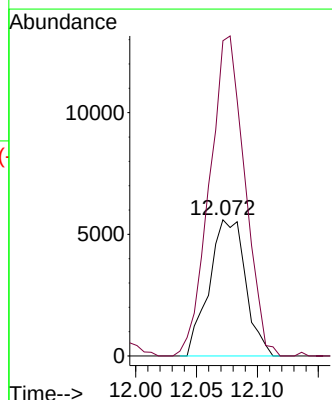
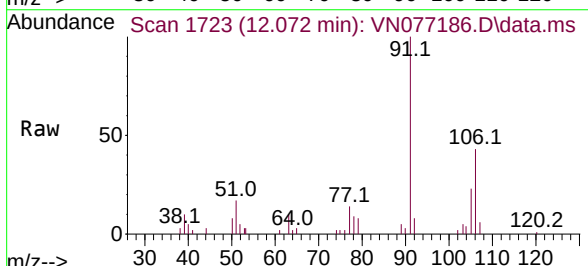
Acq: 24 Mar 2023 20:06

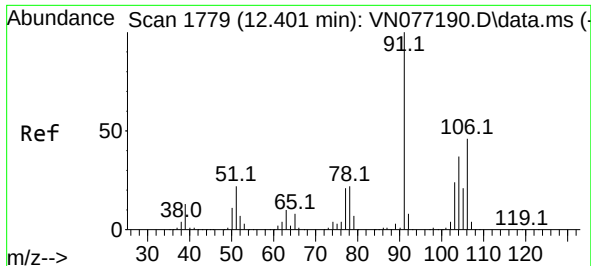
Tgt Ion: 106 Resp: 11611

Ion Ratio Lower Upper

106 100

91 228.1 165.8 248.8

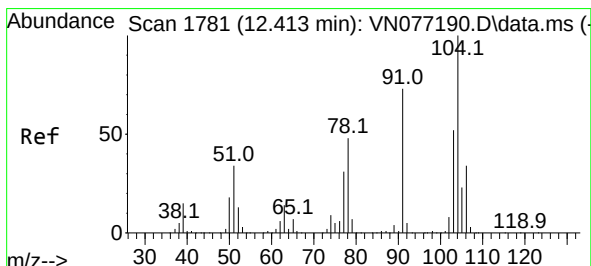
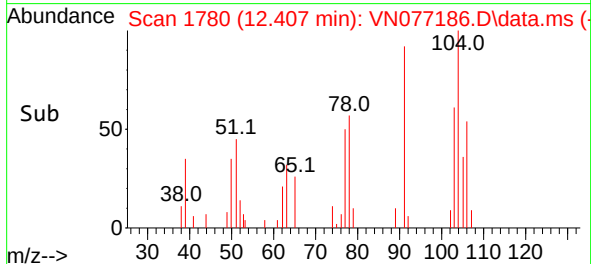
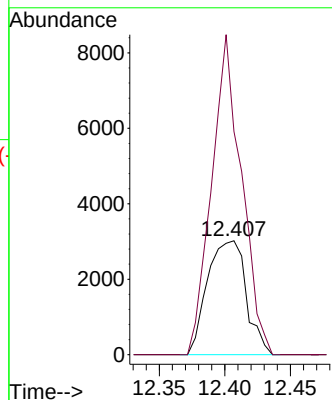
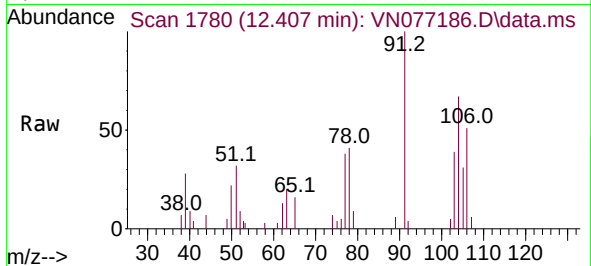




#69
o-Xylene
Concen: 0.826 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

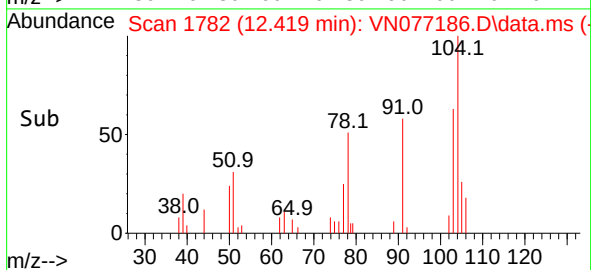
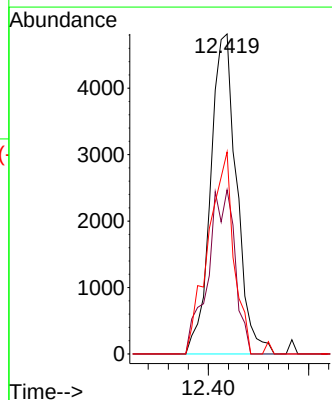
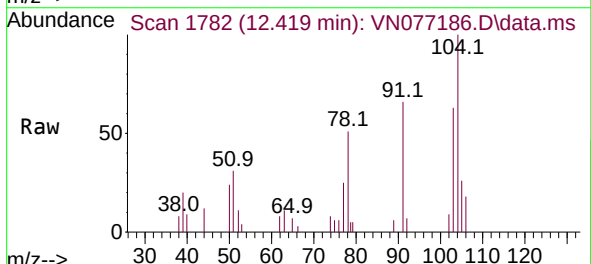
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

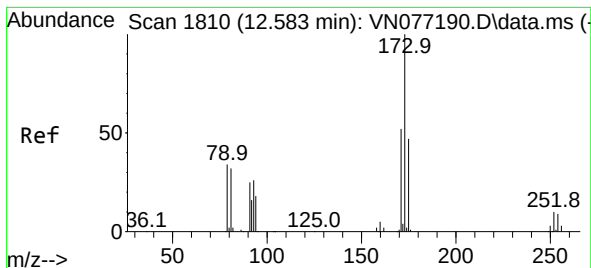
Tgt Ion:106 Resp: 6208
Ion Ratio Lower Upper
106 100
91 217.0 108.7 326.1



#70
Styrene
Concen: 2.785 ug/l
RT: 12.419 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion:104 Resp: 8682
Ion Ratio Lower Upper
104 100
78 53.3 41.2 61.8
103 61.9 44.1 66.1





#71

Bromoform

Concen: 0.878 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

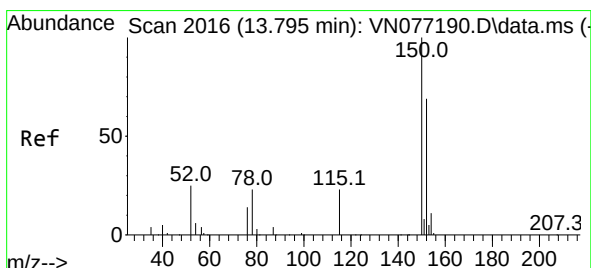
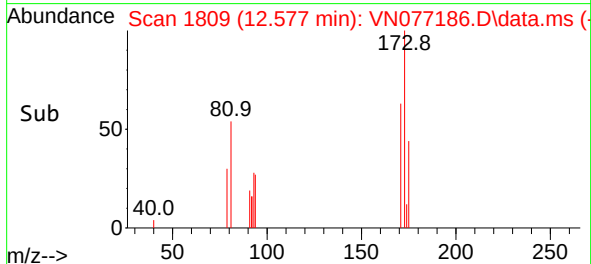
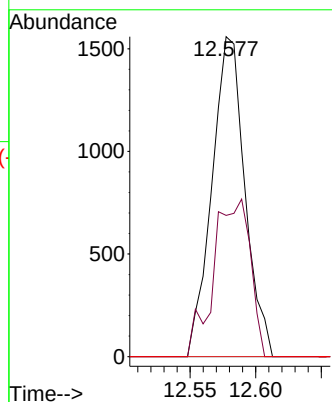
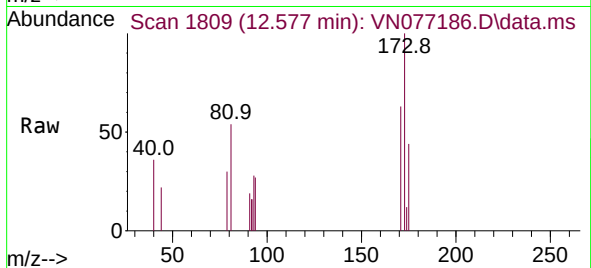
Tgt Ion:173 Resp: 2726

Ion Ratio Lower Upper

173 100

175 54.9 23.8 71.4

254 0.0 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: VN077186.D

Acq: 24 Mar 2023 20:06

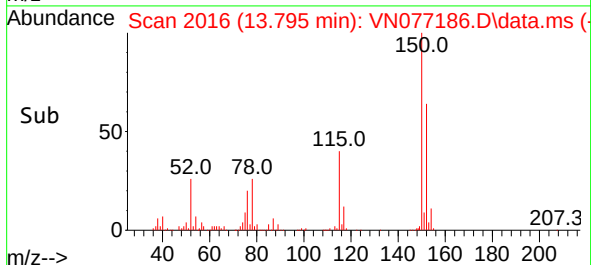
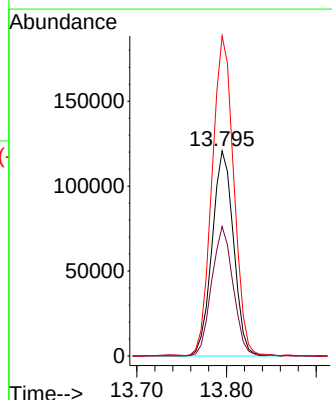
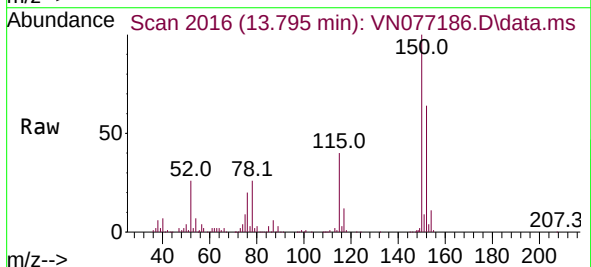
Tgt Ion:152 Resp: 200496

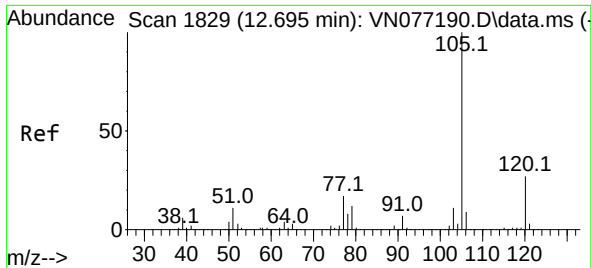
Ion Ratio Lower Upper

152 100

115 62.3 30.4 91.2

150 157.8 0.0 345.6

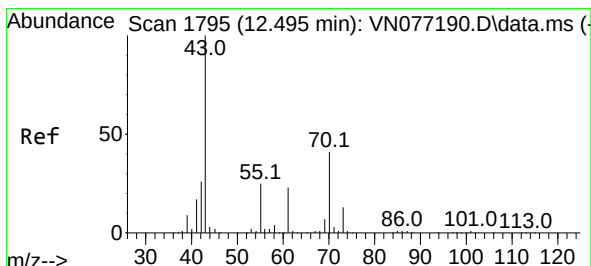
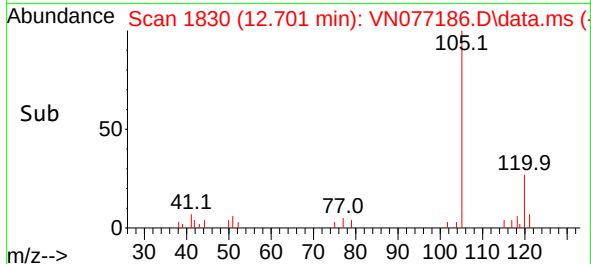
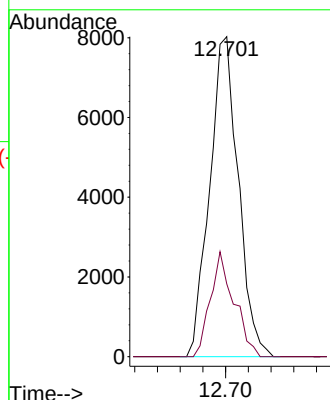
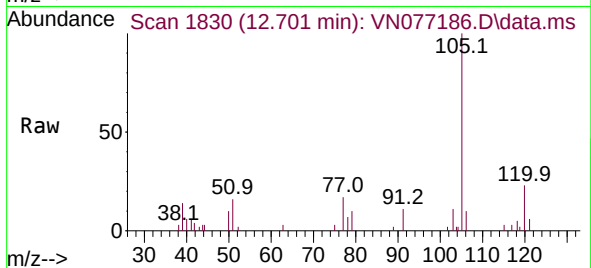




#73
Isopropylbenzene
Concen: 0.905 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

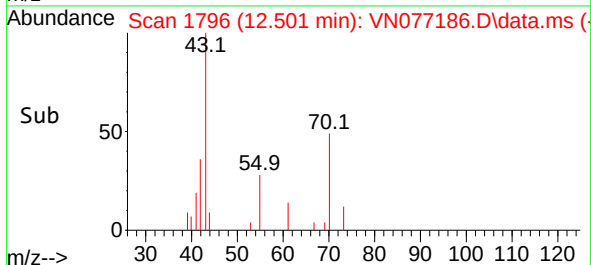
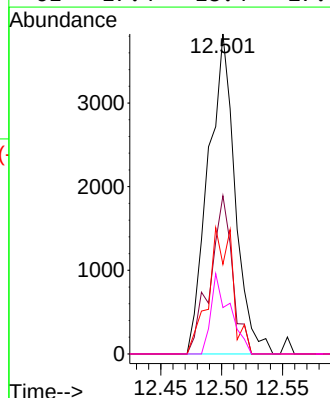
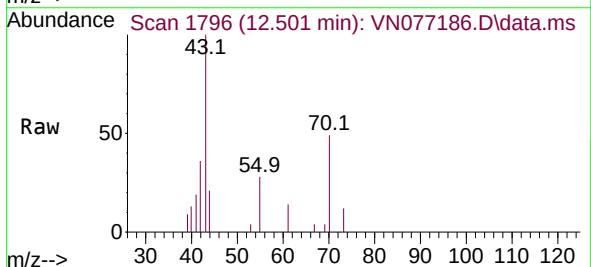
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

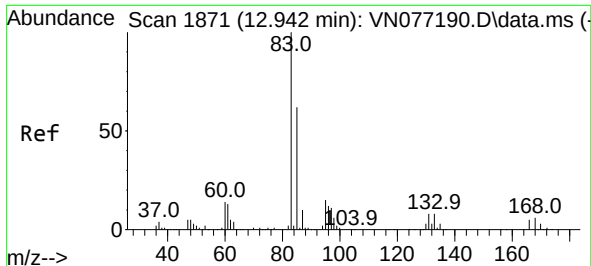
Tgt Ion:105 Resp: 14067
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 0.867 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 43 Resp: 5890
Ion Ratio Lower Upper
43 100
70 40.8 32.8 49.2
55 35.2 20.2 30.2#
61 17.4 18.4 27.6#

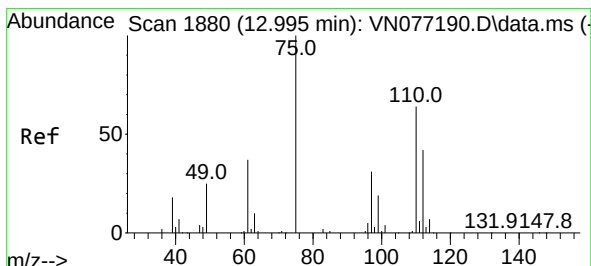
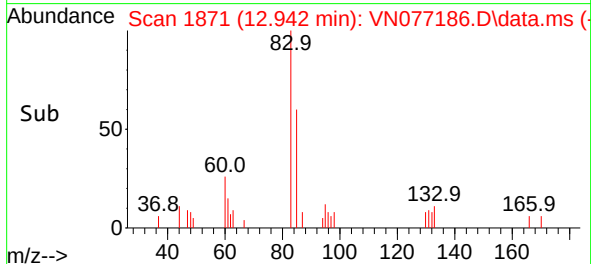
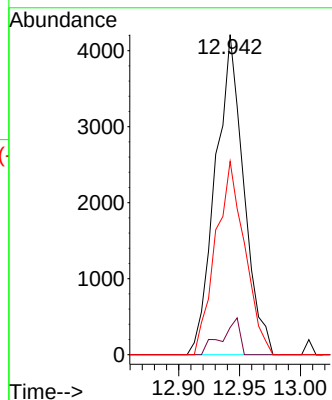
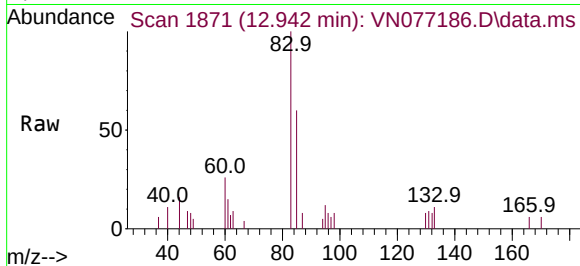




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.537 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

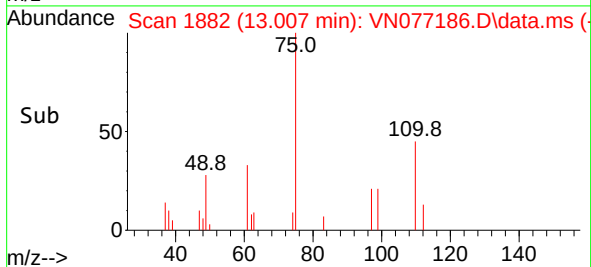
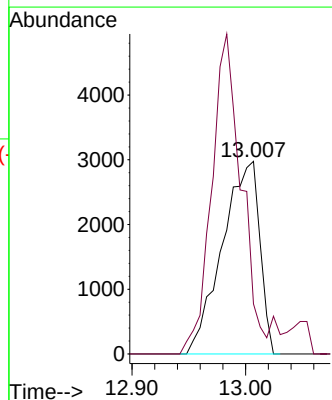
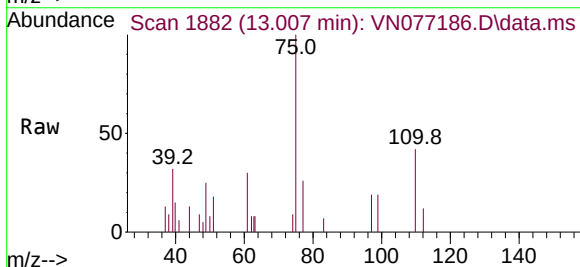
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

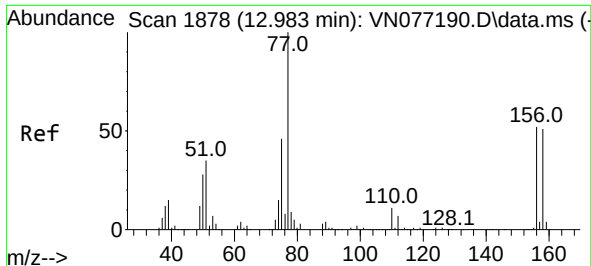
Tgt Ion: 83 Resp: 6826
 Ion Ratio Lower Upper
 83 100
 131 7.3 4.9 14.6
 85 62.1 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 1.400 ug/l
 RT: 13.007 min Scan# 1882
 Delta R.T. 0.012 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

Tgt Ion: 75 Resp: 6808
 Ion Ratio Lower Upper
 75 100
 77 0.0 92.5 277.3#

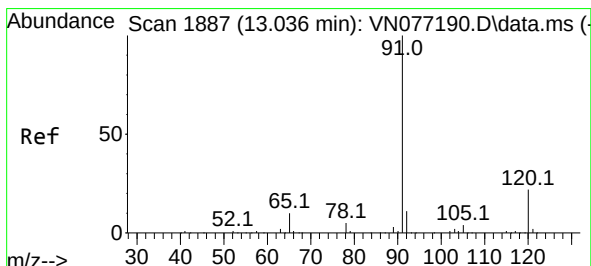
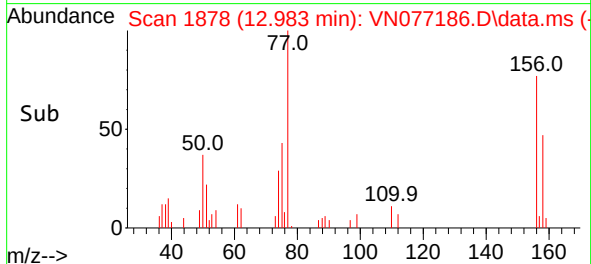
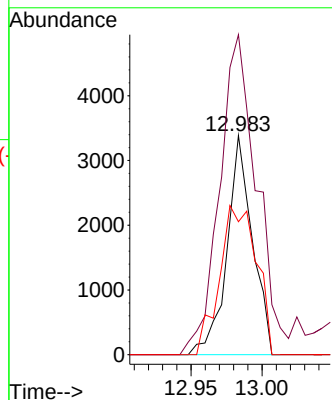
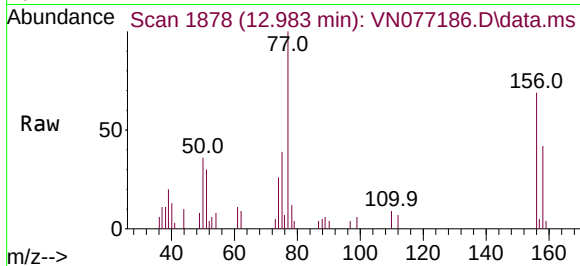




#77
Bromobenzene
Concen: 1.129 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

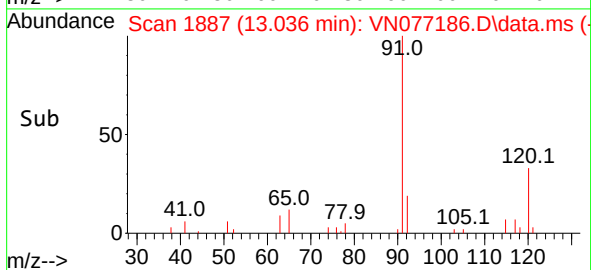
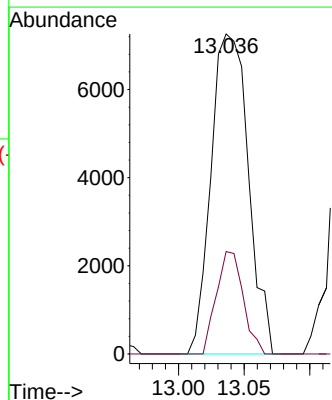
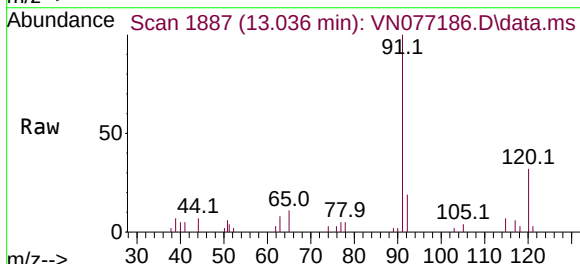
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

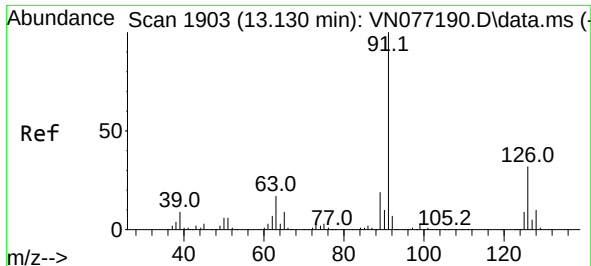
Tgt Ion:156 Resp: 4205
Ion Ratio Lower Upper
156 100
77 213.5 110.3 330.9
158 99.1 48.8 146.4



#78
n-propylbenzene
Concen: 0.815 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 91 Resp: 14375
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.3





#79

2-Chlorotoluene

Concen: 0.961 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

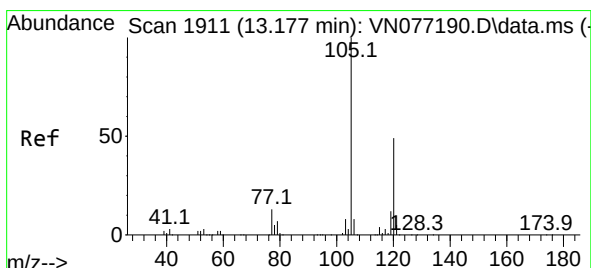
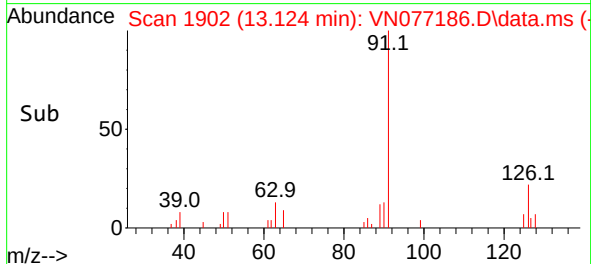
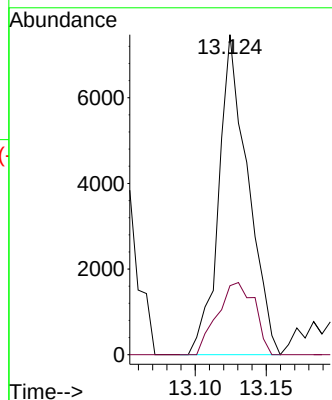
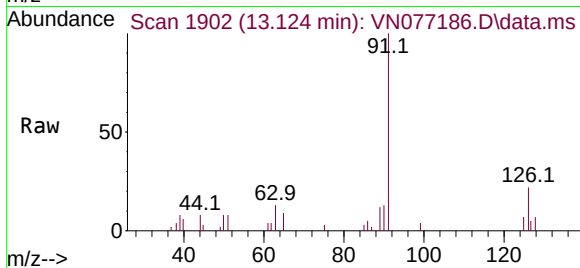
VSTDIC001

Tgt Ion: 91 Resp: 10704

Ion Ratio Lower Upper

91 100

126 28.7 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 0.763 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077186.D

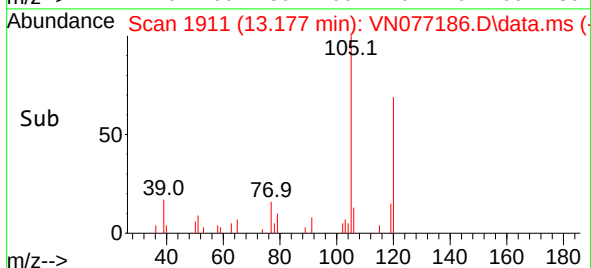
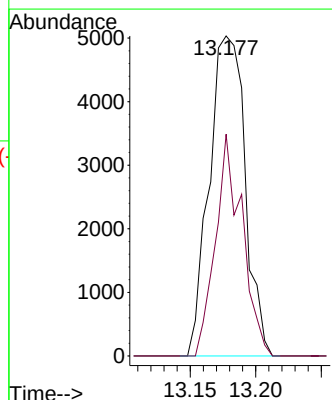
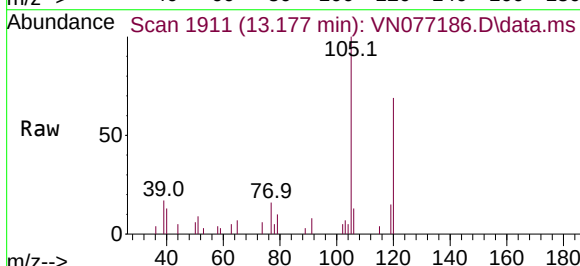
Acq: 24 Mar 2023 20:06

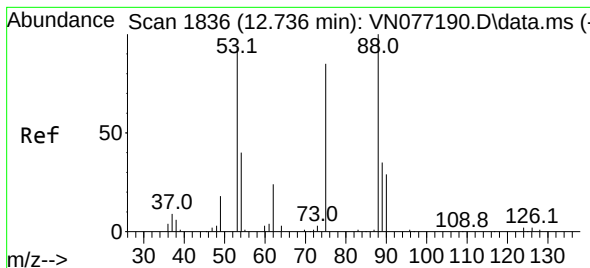
Tgt Ion: 105 Resp: 9583

Ion Ratio Lower Upper

105 100

120 51.4 24.1 72.2

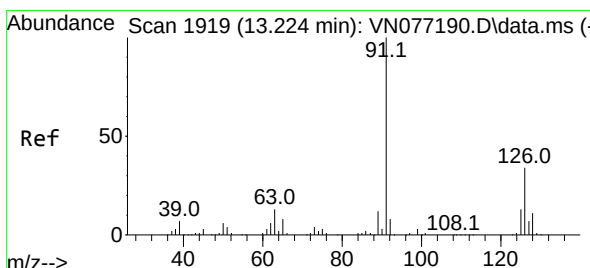
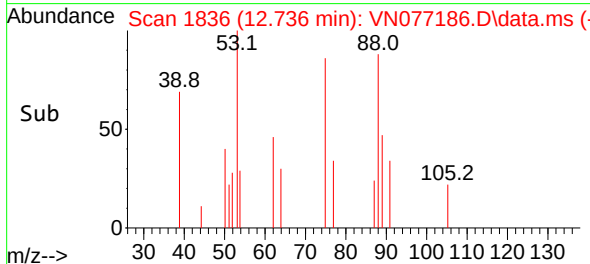
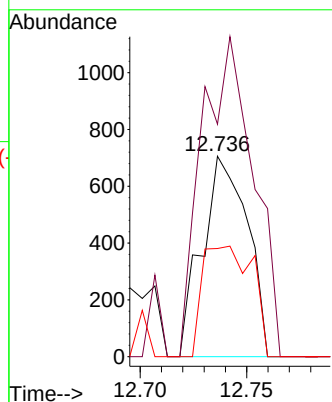
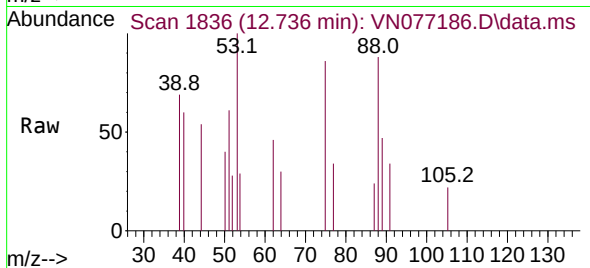




#81
trans-1,4-Dichloro-2-butene
Concen: 0.726 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

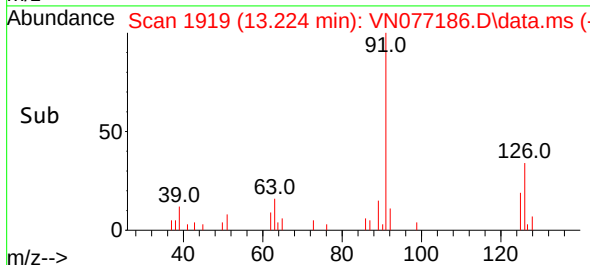
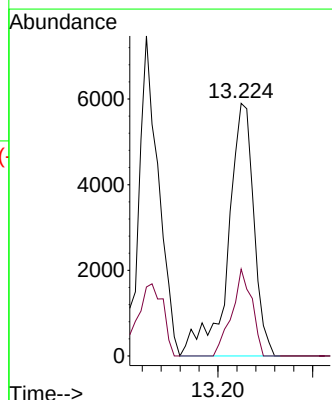
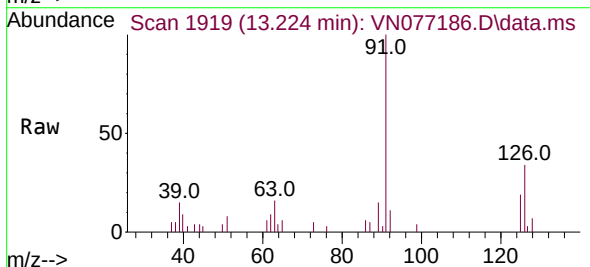
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

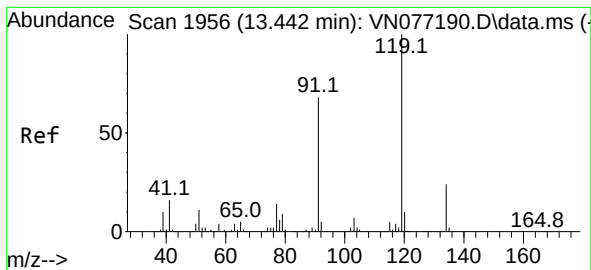
Tgt Ion: 75 Resp: 1047
Ion Ratio Lower Upper
75 100
53 180.9 84.8 127.2#
89 60.6 33.8 50.6#



#82
4-Chlorotoluene
Concen: 1.036 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion: 91 Resp: 11146
Ion Ratio Lower Upper
91 100
126 26.7 16.6 49.7





#83

tert-Butylbenzene

Concen: 0.971 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

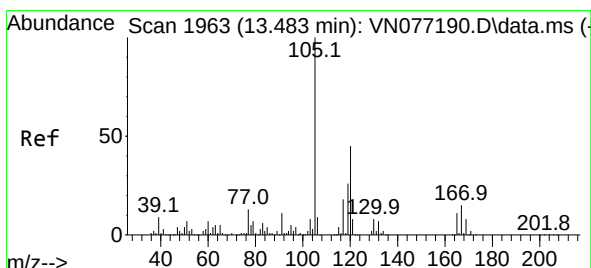
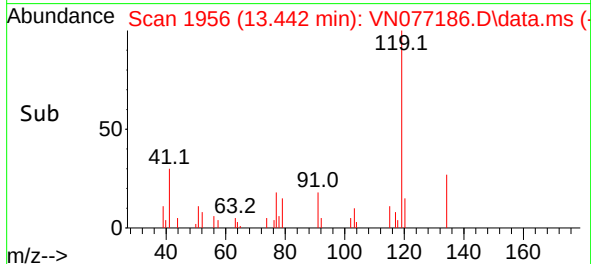
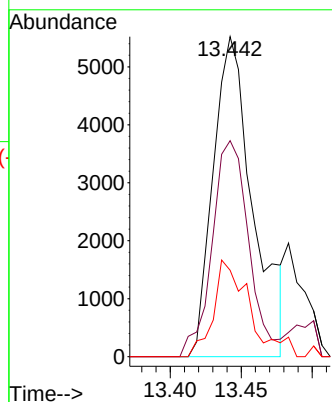
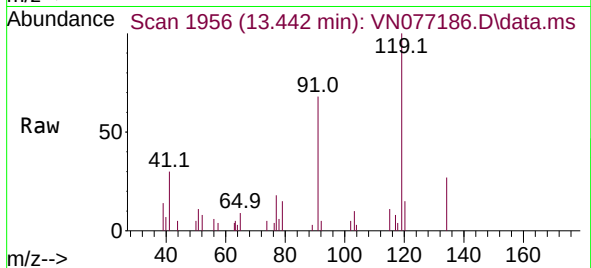
Tgt Ion:119 Resp: 10763

Ion Ratio Lower Upper

119 100

91 62.2 33.0 99.0

134 27.3 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 0.751 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077186.D

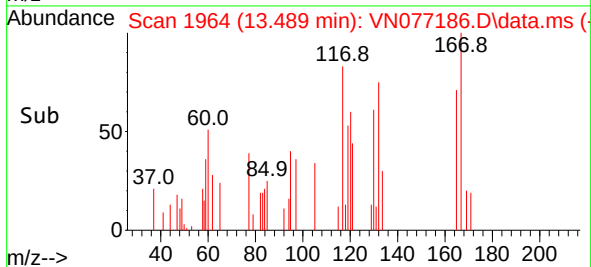
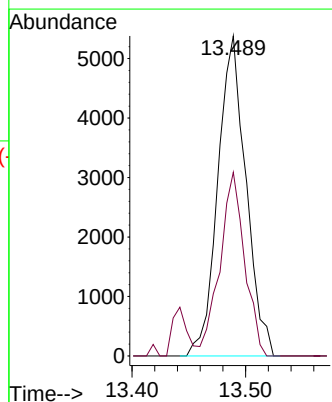
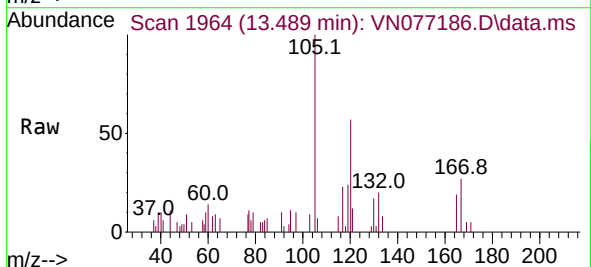
Acq: 24 Mar 2023 20:06

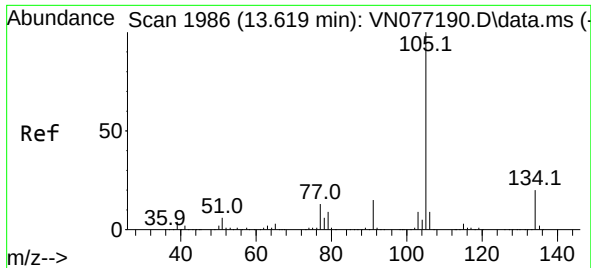
Tgt Ion:105 Resp: 9248

Ion Ratio Lower Upper

105 100

120 50.3 22.6 67.8

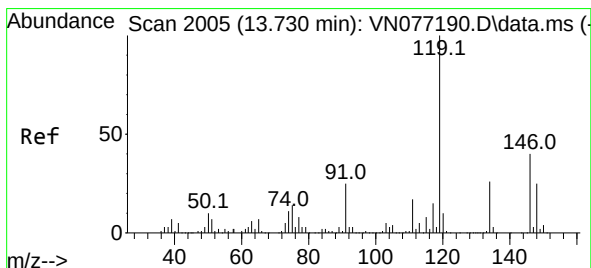
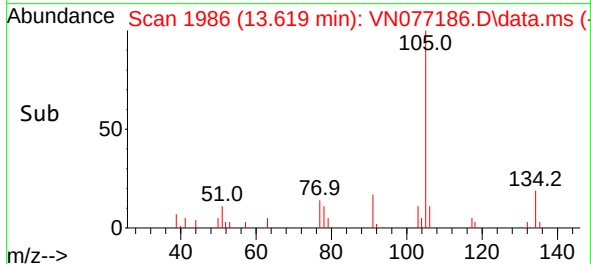
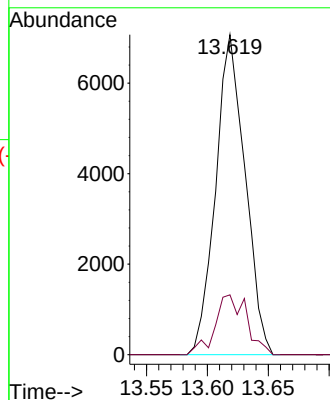
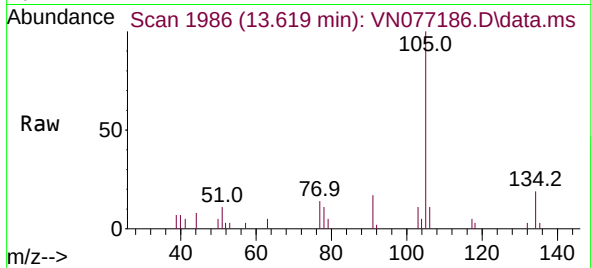




#85
 sec-Butylbenzene
 Concen: 0.781 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

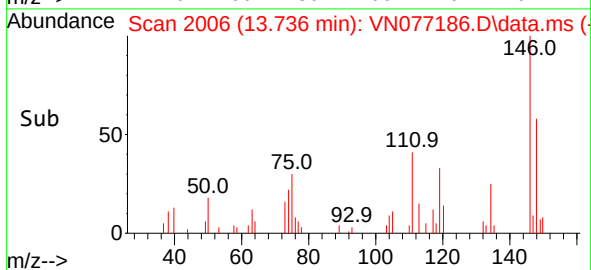
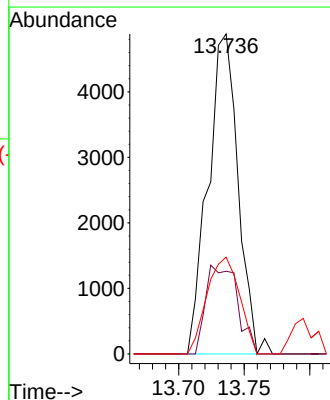
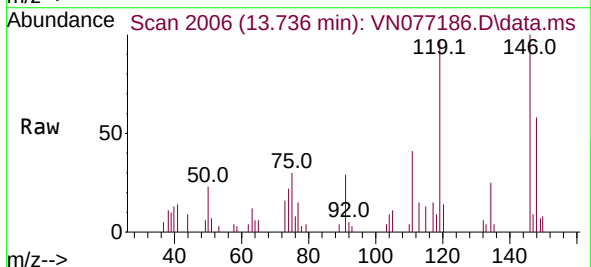
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

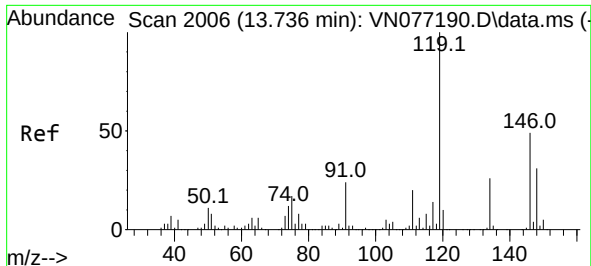
Tgt Ion:105 Resp: 11909
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 2.902 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

Tgt Ion:119 Resp: 7783
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.1 39.3
 91 32.9 12.3 36.9

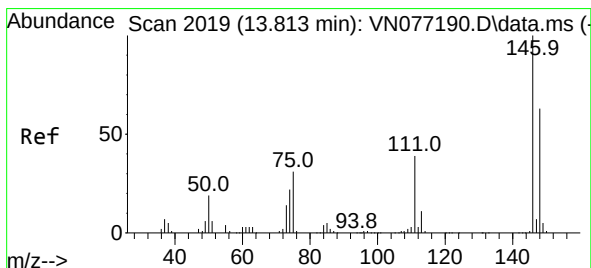
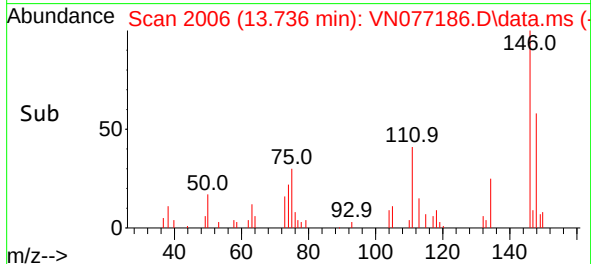
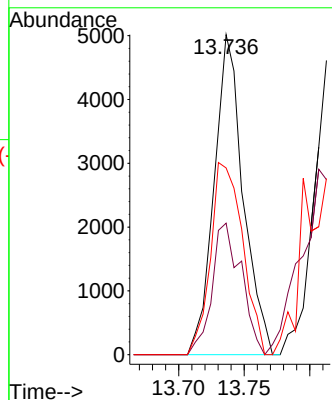
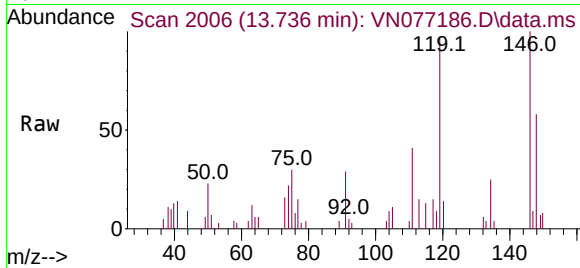




#87
 1,3-Dichlorobenzene
 Concen: 1.129 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

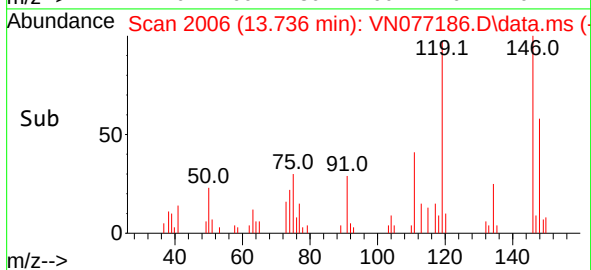
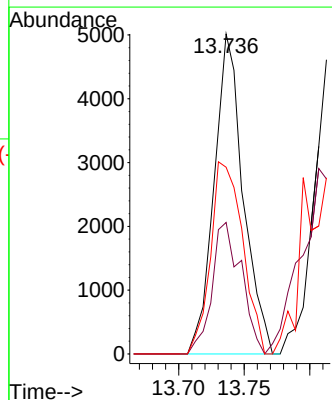
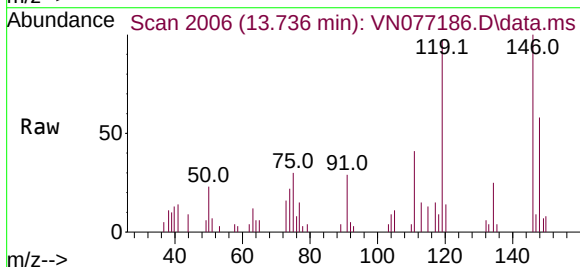
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

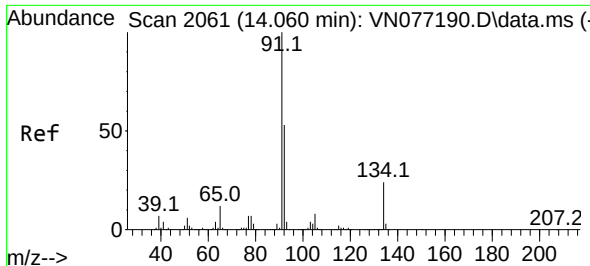
Tgt Ion:146 Resp: 7728
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 66.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 1.106 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.076 min
 Lab File: VN077186.D
 Acq: 24 Mar 2023 20:06

Tgt Ion:146 Resp: 7728
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.2 60.6
 148 66.4 32.0 96.0

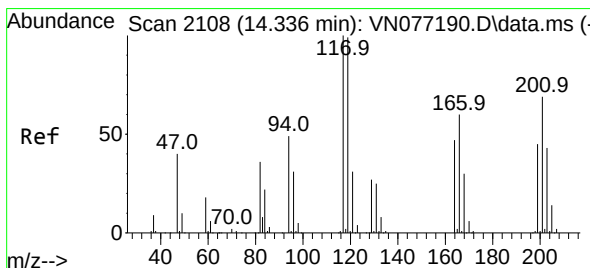
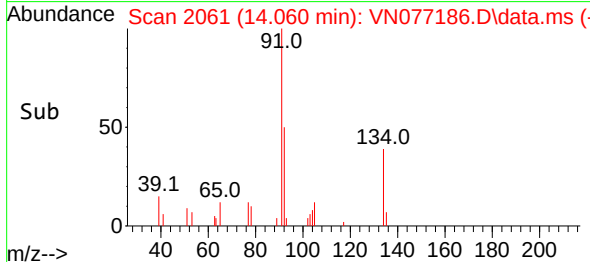
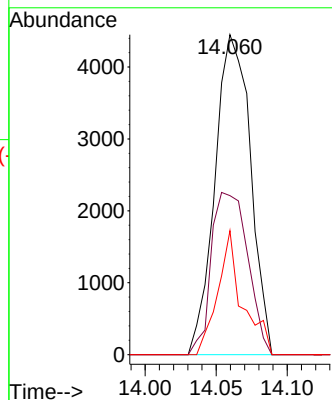
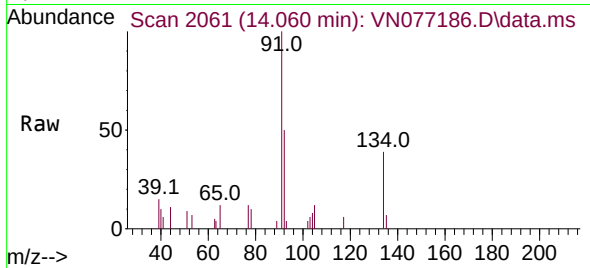




#89
n-Butylbenzene
Concen: 3.423 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

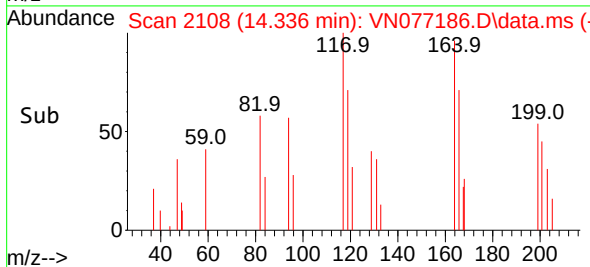
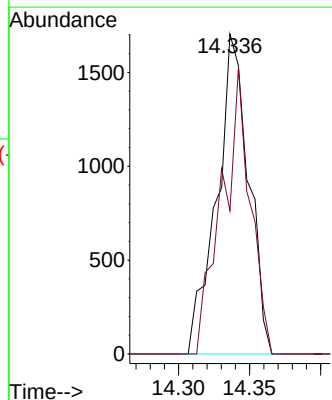
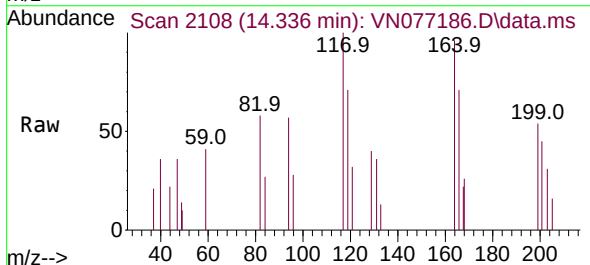
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

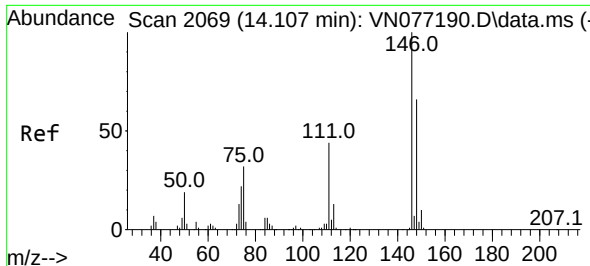
Tgt Ion: 91	Resp:	7747	
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	26.9	12.1	36.3



#90
Hexachloroethane
Concen: 1.092 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077186.D
Acq: 24 Mar 2023 20:06

Tgt Ion:117	Resp:	2661	
Ion	Ratio	Lower	Upper
117	100		
201	79.8	35.1	105.5





#91

1,2-Dichlorobenzene

Concen: 1.163 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

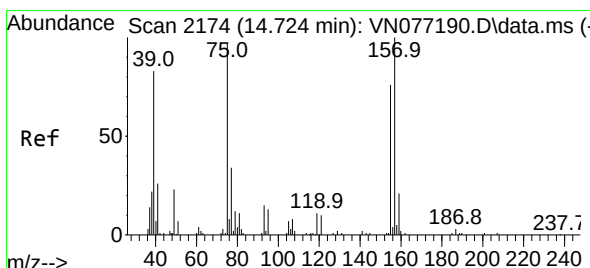
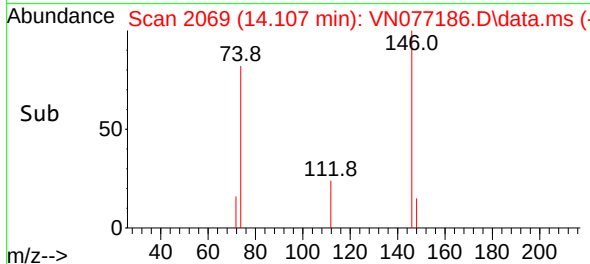
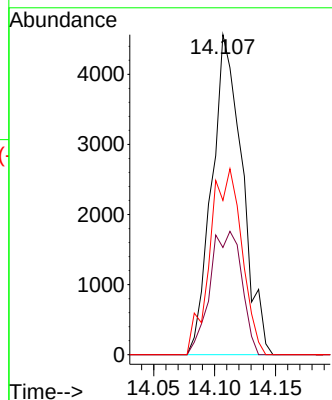
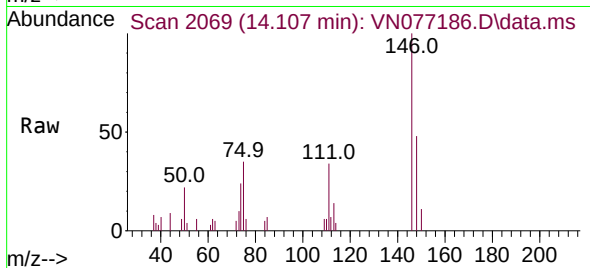
Tgt Ion:146 Resp: 7923

Ion Ratio Lower Upper

146 100

111 40.3 21.6 65.0

148 61.3 32.4 97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.111 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

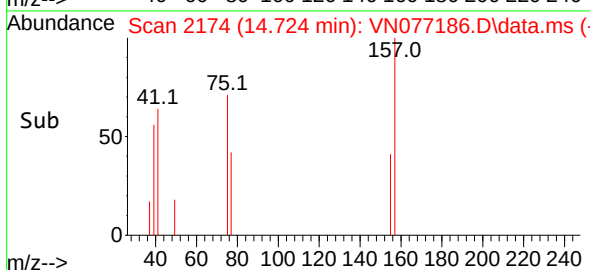
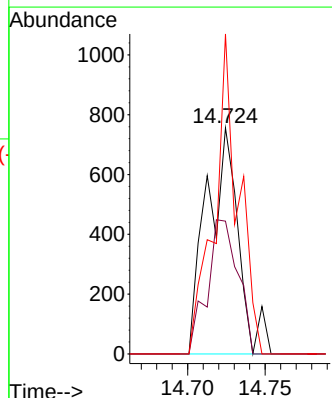
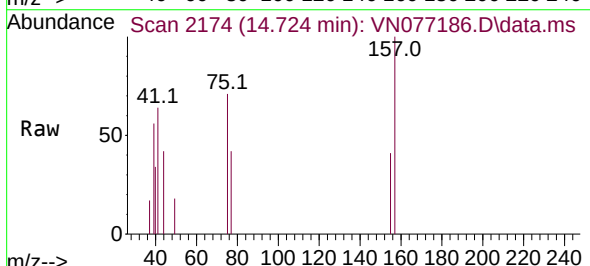
Tgt Ion: 75 Resp: 1068

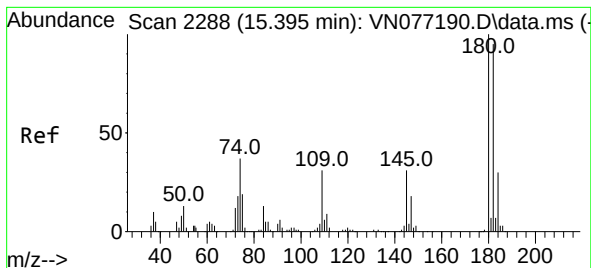
Ion Ratio Lower Upper

75 100

155 57.8 38.9 116.6

157 107.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 4.141 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

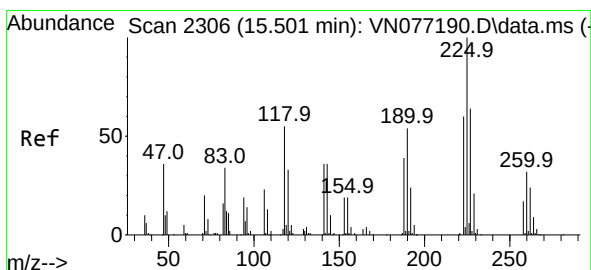
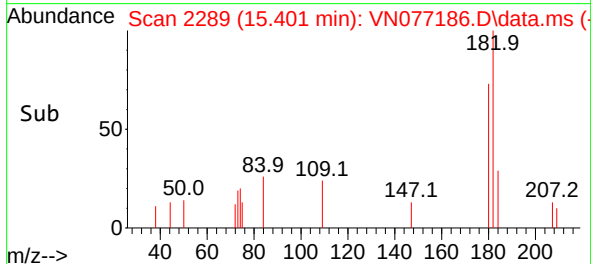
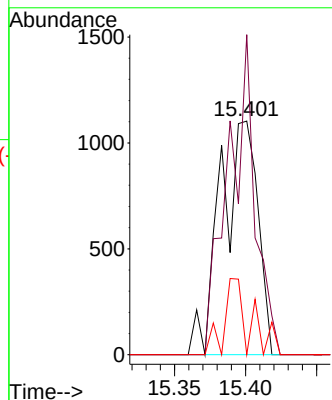
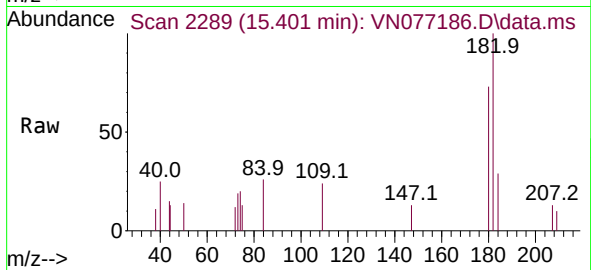
Tgt Ion:180 Resp: 2016

Ion Ratio Lower Upper

180 100

182 98.2 47.8 143.3

145 22.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 1.080 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. 0.000 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

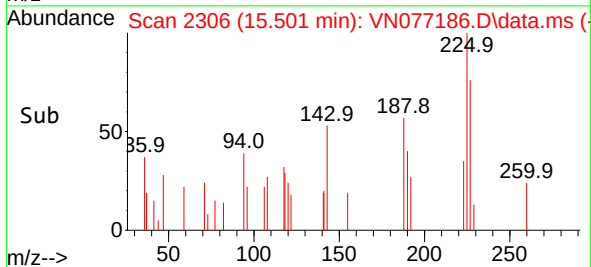
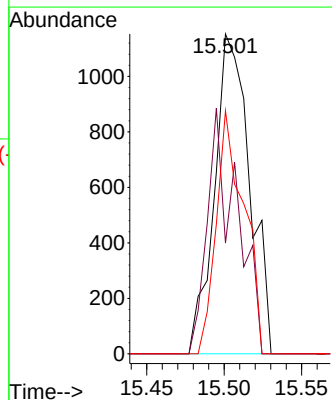
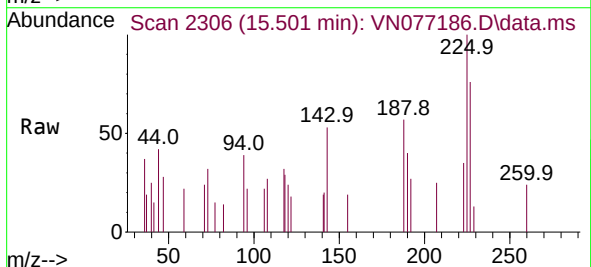
Tgt Ion:225 Resp: 1825

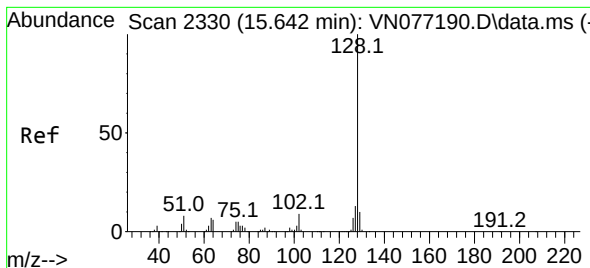
Ion Ratio Lower Upper

225 100

223 63.9 31.4 94.3

227 59.9 31.1 93.2





#95

Naphthalene

Concen: 4.579 ug/l

RT: 15.654 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

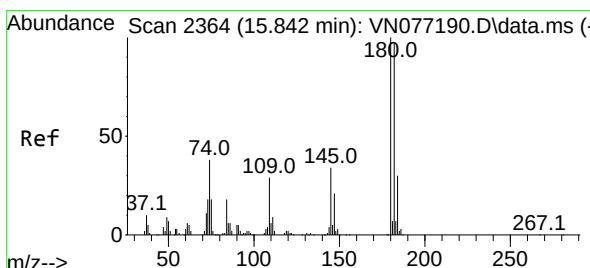
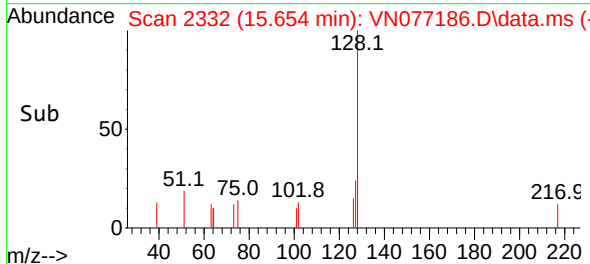
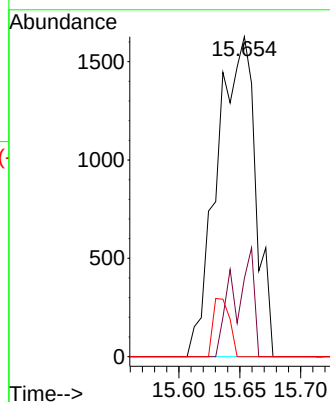
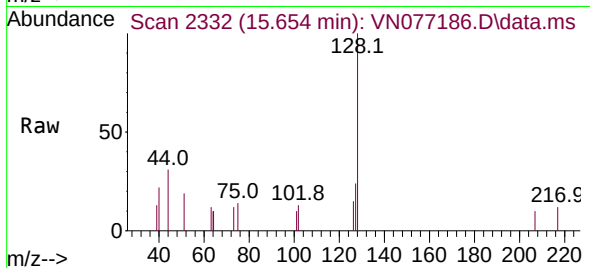
Tgt Ion:128 Resp: 3561

Ion Ratio Lower Upper

128 100

127 17.5 10.3 15.5#

129 0.0 8.2 12.2#



#96

1,2,3-Trichlorobenzene

Concen: 3.941 ug/l

RT: 15.836 min Scan# 2363

Delta R.T. -0.006 min

Lab File: VN077186.D

Acq: 24 Mar 2023 20:06

Tgt Ion:180 Resp: 1497

Ion Ratio Lower Upper

180 100

182 130.2 48.3 144.8

145 34.3 16.9 50.6

