

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070890.D
 Acq On : 2 Feb 2022 13:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 03 02:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	789815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1317389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1174581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	451813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	55553	5.196	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	10.400%#
35) Dibromofluoromethane	8.019	113	40030	5.072	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	10.140%#
50) Toluene-d8	10.440	98	164660	5.082	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.160%#
62) 4-Bromofluorobenzene	12.731	95	55967	4.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	42518	4.852	ug/l	99
3) Chloromethane	2.301	50	53048	4.793	ug/l	99
4) Vinyl Chloride	2.448	62	45229	4.891	ug/l	100
5) Bromomethane	2.842	94	25422	5.375	ug/l	96
6) Chloroethane	3.011	64	22963	5.476	ug/l	98
7) Trichlorofluoromethane	3.373	101	51911	5.027	ug/l	100
8) Diethyl Ether	3.824	74	30771	5.138	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.202	101	19077	2.448	ug/l #	15
10) Methyl Iodide	4.417	142	52424	4.560	ug/l	97
11) Tert butyl alcohol	5.382	59	53961	24.020	ug/l #	87
12) 1,1-Dichloroethene	4.178	96	40265	5.059	ug/l	91
13) Acrolein	4.039	56	71584	28.943	ug/l	99
14) Allyl chloride	4.840	41	91458	5.044	ug/l	86
15) Acrylonitrile	5.557	53	157075	25.038	ug/l	99
16) Acetone	4.288	43	156833	24.533	ug/l	99
17) Carbon Disulfide	4.524	76	125103	5.061	ug/l	98
18) Methyl Acetate	4.859	43	85783	5.468	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	152581	5.021	ug/l	95
20) Methylene Chloride	5.093	84	50094	5.160	ug/l	92
21) trans-1,2-Dichloroethene	5.591	96	20367	2.400	ug/l	89
22) Diisopropyl ether	6.498	45	180897	5.151	ug/l	90
23) Vinyl Acetate	6.431	43	779168	25.081	ug/l	95
24) 1,1-Dichloroethane	6.385	63	91637	5.182	ug/l	99
25) 2-Butanone	7.337	43	229841	24.908	ug/l	94
26) 2,2-Dichloropropane	7.324	77	70446	5.072	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	52414	5.229	ug/l	90
28) Bromochloromethane	7.659	49	38213	4.952	ug/l #	79
29) Tetrahydrofuran	7.689	42	148048	24.701	ug/l	89
30) Chloroform	7.815	83	88204	5.243	ug/l	97
31) Cyclohexane	8.094	56	103464	5.696	ug/l #	88
32) 1,1,1-Trichloroethane	8.016	97	72637	5.115	ug/l	96
36) 1,1-Dichloropropene	8.220	75	63837	4.979	ug/l	95
37) Ethyl Acetate	7.415	43	90245	5.107	ug/l	98
38) Carbon Tetrachloride	8.204	117	60994	5.209	ug/l	99
39) Methylcyclohexane	9.459	83	76843	4.876	ug/l #	87
40) Benzene	8.458	78	208770	5.183	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	44304	4.990	ug/l	90
42) 1,2-Dichloroethane	8.531	62	73239	5.341	ug/l	100
43) Isopropyl Acetate	8.560	43	147702	4.972	ug/l #	92
44) Trichloroethene	9.215	130	47622	5.109	ug/l	93
45) 1,2-Dichloropropane	9.491	63	56048	5.196	ug/l	97
46) Dibromomethane	9.574	93	33237	5.144	ug/l	96
47) Bromodichloromethane	9.762	83	64361	4.945	ug/l	99
48) Methyl methacrylate	9.558	41	58943	4.602	ug/l	89
49) 1,4-Dioxane	9.571	88	20405	95.108	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	437777	25.038	ug/l	97
52) Toluene	10.505	92	126691	5.076	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	70708	4.814	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	76546	4.792	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	48300	5.096	ug/l	99
56) Ethyl methacrylate	10.760	69	78534	4.757	ug/l	89
57) 1,3-Dichloropropane	11.041	76	85801	5.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	73993	34.901	ug/l	93
59) 2-Hexanone	11.084	43	310910	24.355	ug/l	96
60) Dibromochloromethane	11.237	129	45502	4.840	ug/l	99
61) 1,2-Dibromoethane	11.344	107	49180	5.045	ug/l	99
64) Tetrachloroethene	10.977	164	40861	5.315	ug/l	97
65) Chlorobenzene	11.768	112	127289	5.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	43871	5.113	ug/l	95
67) Ethyl Benzene	11.843	91	229017	5.110	ug/l	95
68) m/p-Xylenes	11.953	106	170613	10.275	ug/l	94
69) o-Xylene	12.278	106	85376	5.137	ug/l	96
70) Styrene	12.294	104	128545	4.908	ug/l	97
71) Bromoform	12.457	173	34632	4.888	ug/l #	100
73) Isopropylbenzene	12.578	105	211130	5.356	ug/l	97
74) N-amyl acetate	12.388	43	85172	4.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.825	83	74380	5.447	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	90031	8.279	ug/l	73
77) Bromobenzene	12.860	156	50763	5.372	ug/l	78
78) n-propylbenzene	12.919	91	229817	5.112	ug/l	96
79) 2-Chlorotoluene	13.004	91	147572	5.279	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	168289	5.266	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	19813	4.938	ug/l	94
82) 4-Chlorotoluene	13.104	91	136931	5.082	ug/l	94
83) tert-Butylbenzene	13.321	119	146450	5.255	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	163121	5.220	ug/l	99
85) sec-Butylbenzene	13.501	105	200549	5.143	ug/l	97
86) p-Isopropyltoluene	13.613	119	158173	5.144	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	79831	5.078	ug/l	94
88) 1,4-Dichlorobenzene	13.694	146	81406	5.177	ug/l	92
89) n-Butylbenzene	13.940	91	132590	4.893	ug/l	98
90) Hexachloroethane	14.209	117	27623	5.069	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	77732	5.154	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	11411	4.612	ug/l	85
93) 1,2,4-Trichlorobenzene	15.263	180	36355	4.356	ug/l	96
94) Hexachlorobutadiene	15.367	225	27903	5.540	ug/l	96
95) Naphthalene	15.507	128	81970	6.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	34158	5.847	ug/l	98

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

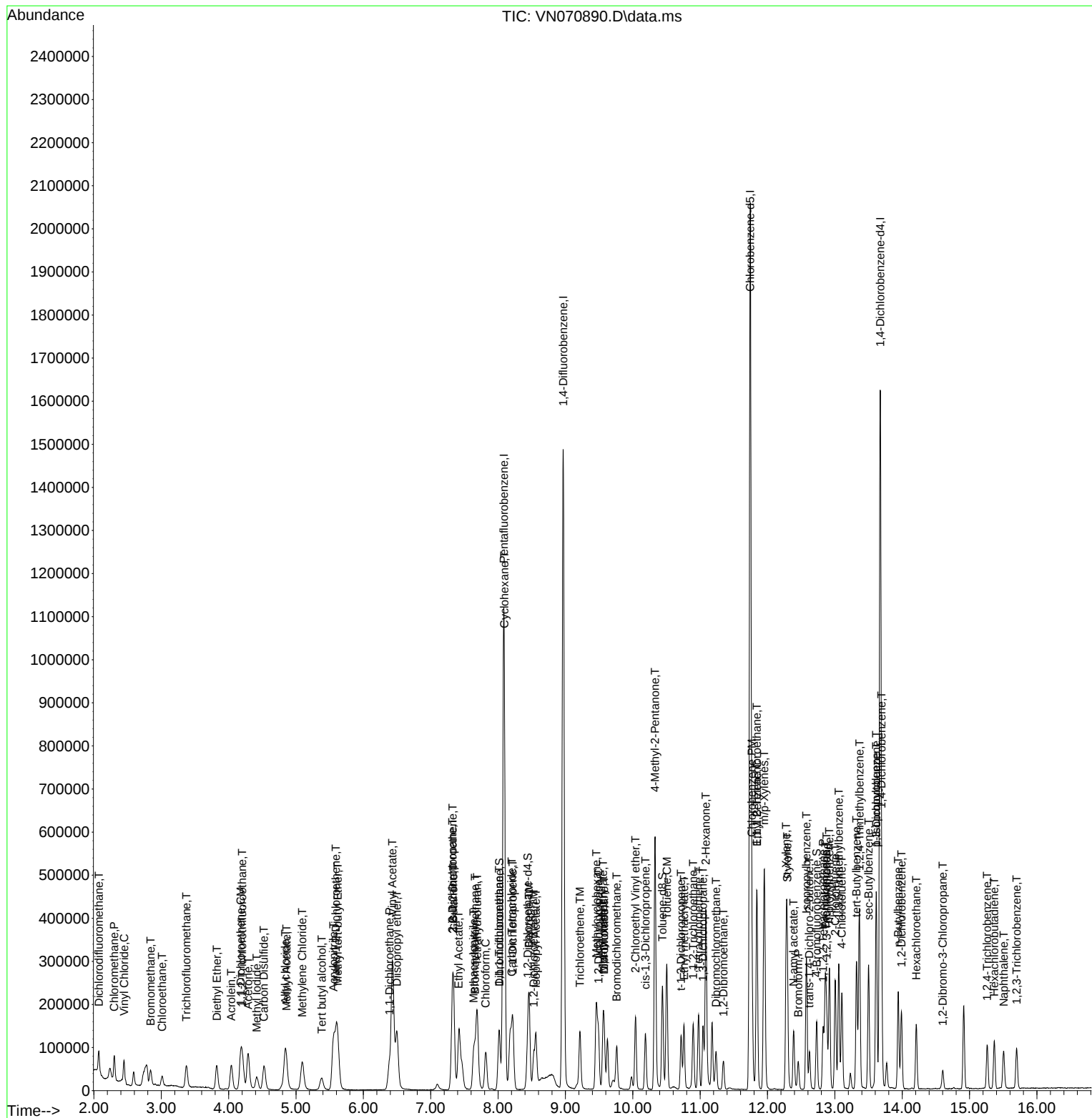
Quant Time: Feb 03 02:40:32 2022
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Quant Title : SW846 8260
QLast Update : Wed Feb 02 15:30:39 2022
Response via : Initial Calibration

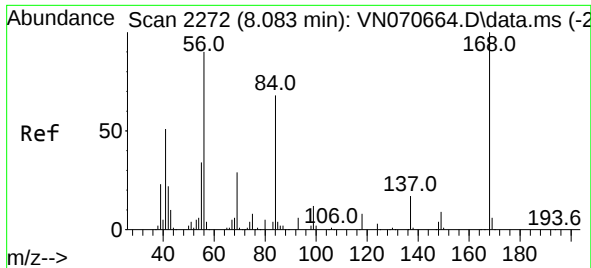
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed Feb 02 15:30:39 2022
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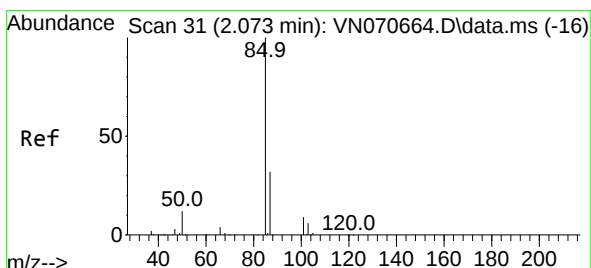
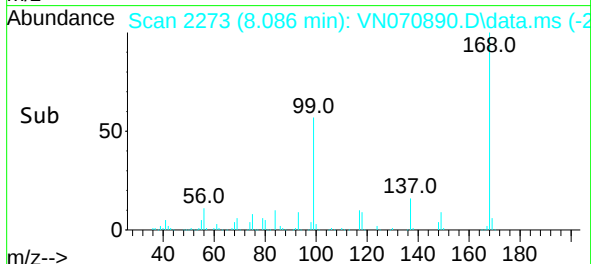
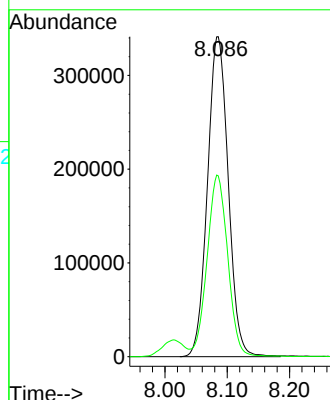
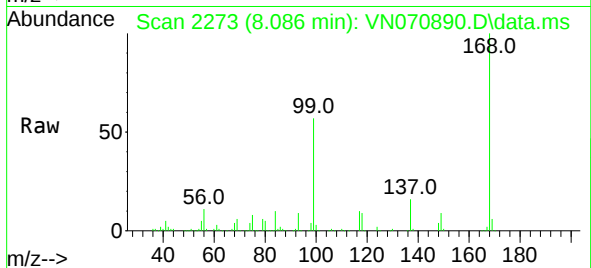




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070890.D
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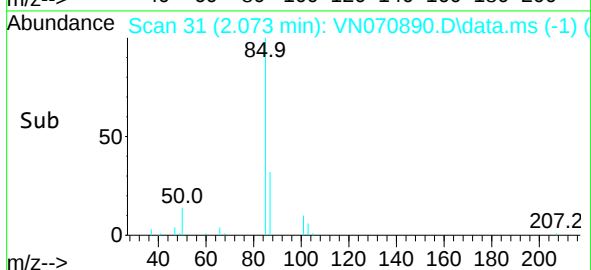
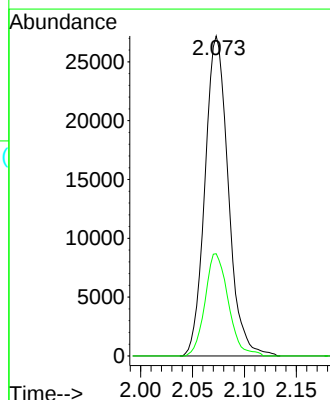
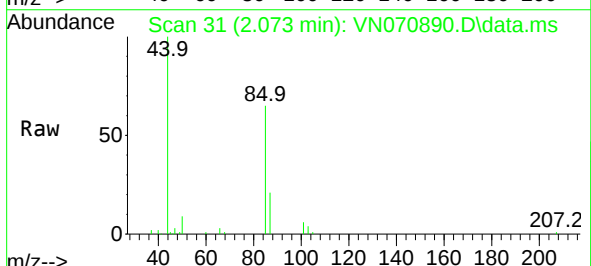
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

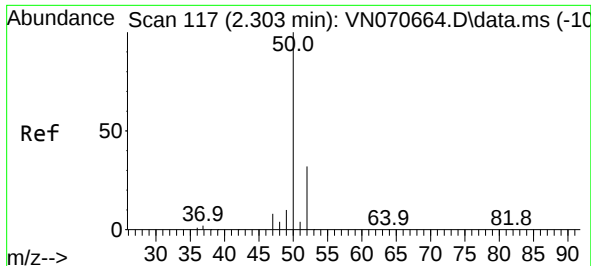
Tgt Ion:168 Resp: 789815
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 4.852 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 85 Resp: 42518
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9

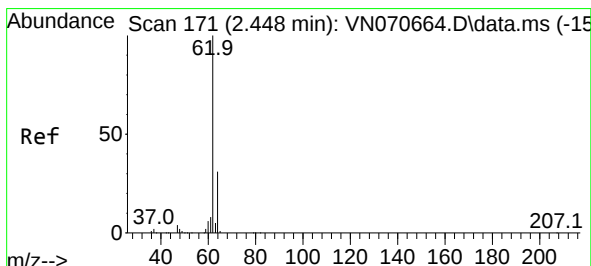
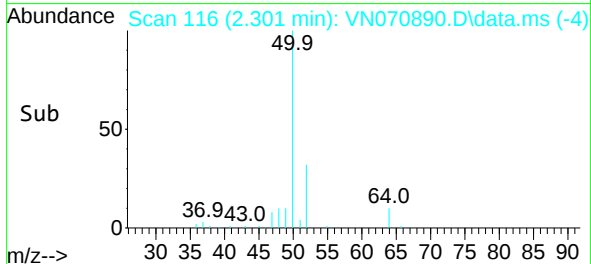
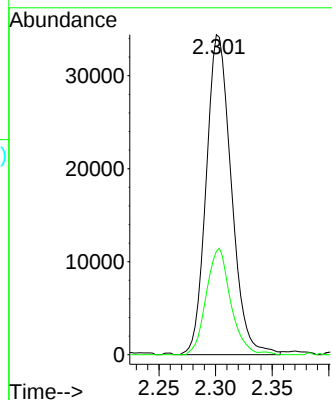
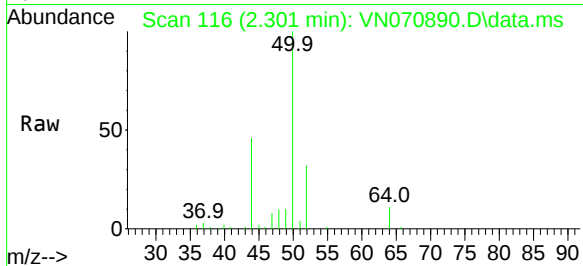




#3
Chloromethane
Concen: 4.793 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

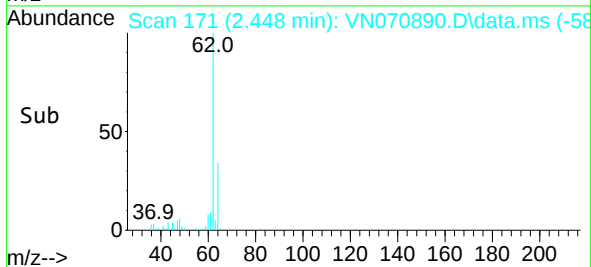
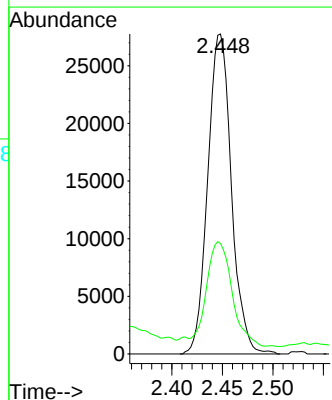
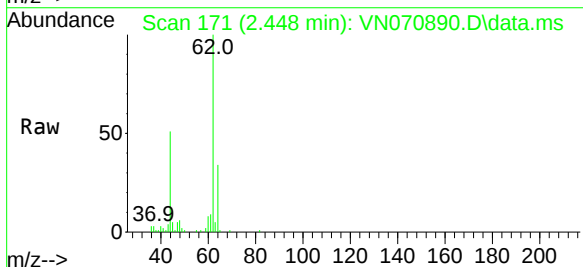
Instrument :
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ClientSampleId :
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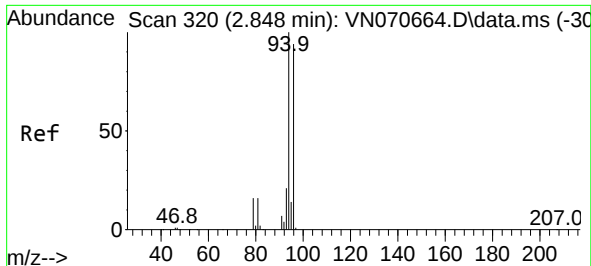
Tgt Ion: 50 Resp: 53048
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0



#4
Vinyl Chloride
Concen: 4.891 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 62 Resp: 45229
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

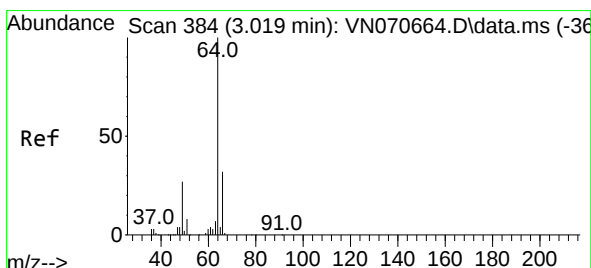
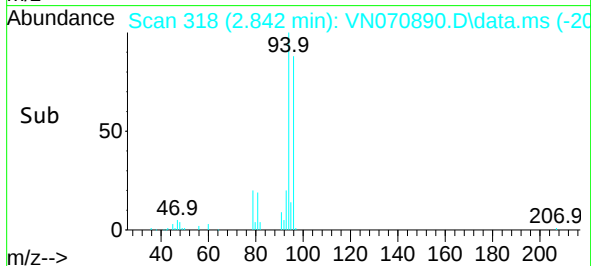
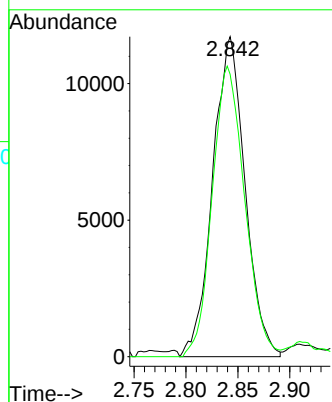
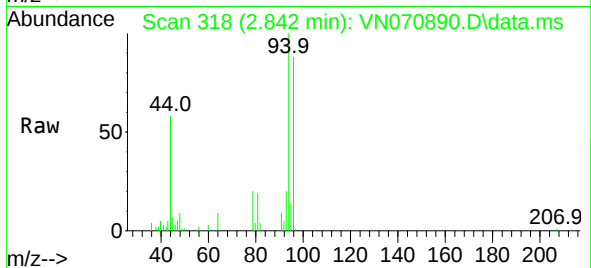




#5
Bromomethane
Concen: 5.375 ug/l
RT: 2.842 min Scan# 31
Delta R.T. 0.010 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

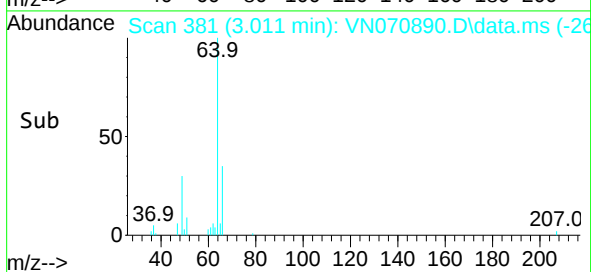
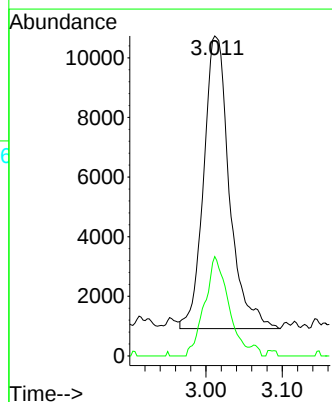
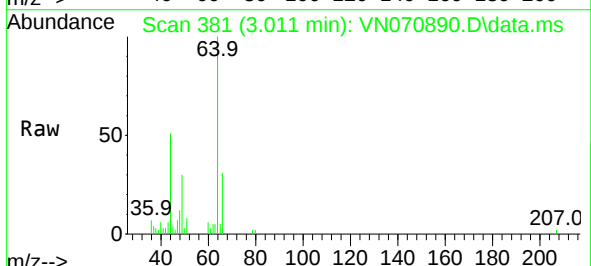
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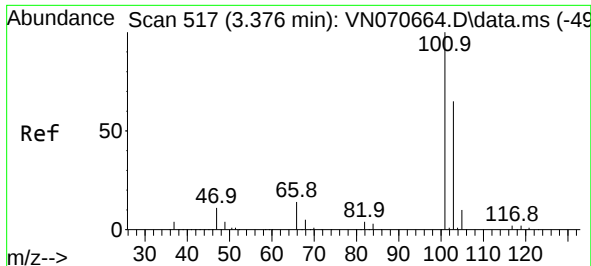
Tgt Ion: 94 Resp: 25422
Ion Ratio Lower Upper
94 100
96 88.3 73.8 110.8



#6
Chloroethane
Concen: 5.476 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.002 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 64 Resp: 22963
Ion Ratio Lower Upper
64 100
66 34.0 26.3 39.5

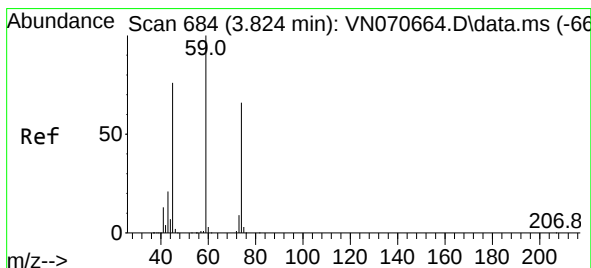
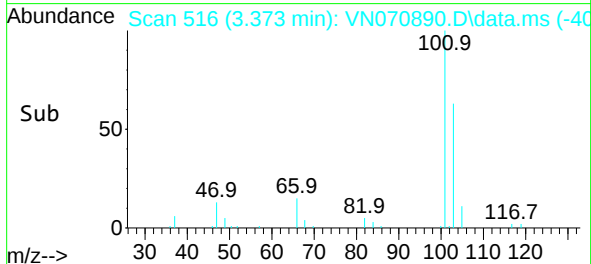
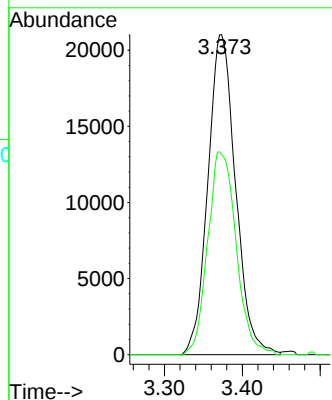
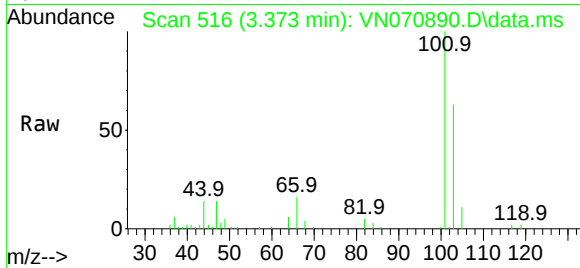




#7
 Trichlorofluoromethane
 Concen: 5.027 ug/l
 RT: 3.373 min Scan# 517
 Delta R.T. 0.002 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

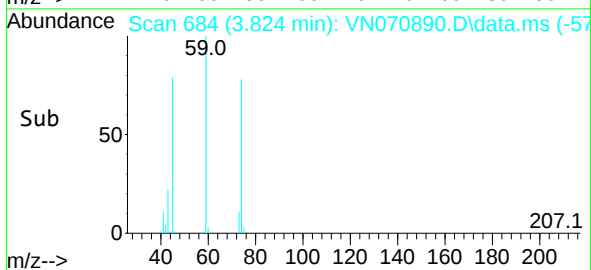
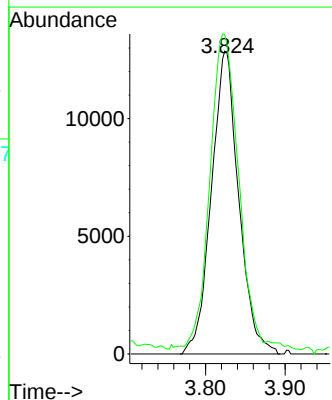
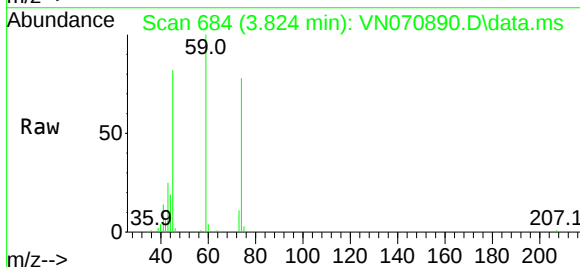
Instrument :
 MSVOA_N
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 VSTDIC005

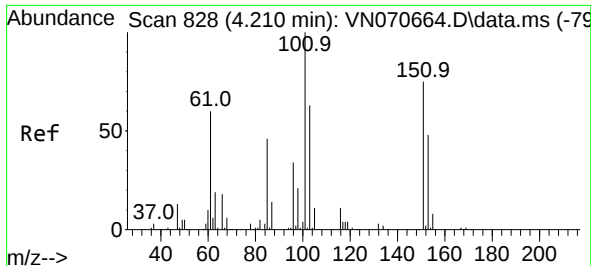
Tgt Ion:101 Resp: 51911
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 5.138 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN070890.D
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Tgt Ion: 74 Resp: 30771
 Ion Ratio Lower Upper
 74 100
 45 105.7 47.0 141.2

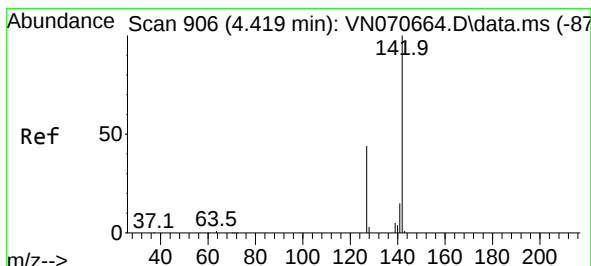
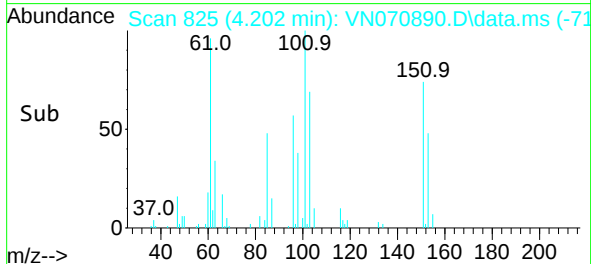
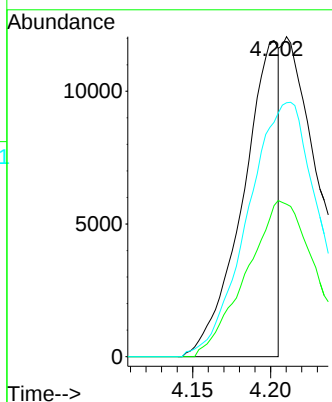
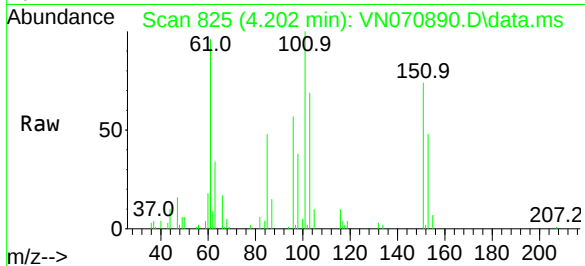




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.448 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

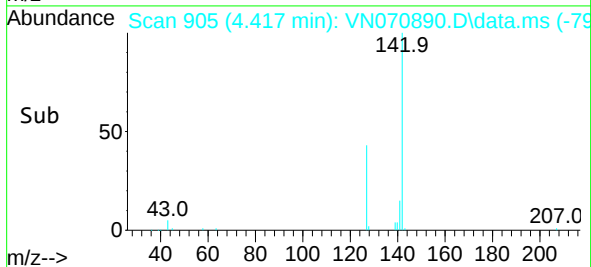
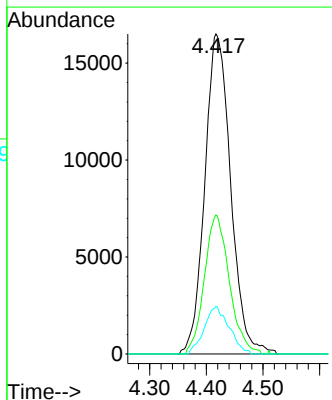
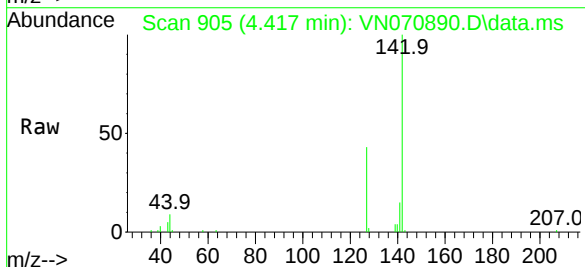
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

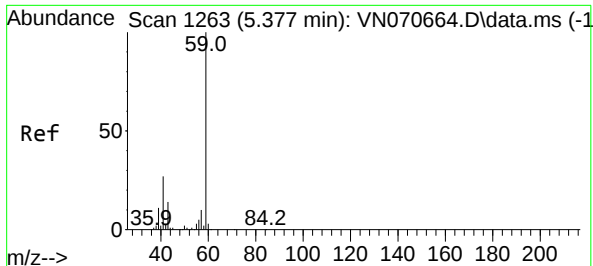
Tgt Ion:101 Resp: 19077
Ion Ratio Lower Upper
101 100
85 97.7 37.2 55.8#
151 163.3 65.9 98.9#



#10
Methyl Iodide
Concen: 4.560 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:142 Resp: 52424
Ion Ratio Lower Upper
142 100
127 41.8 35.4 53.0
141 14.2 11.6 17.4

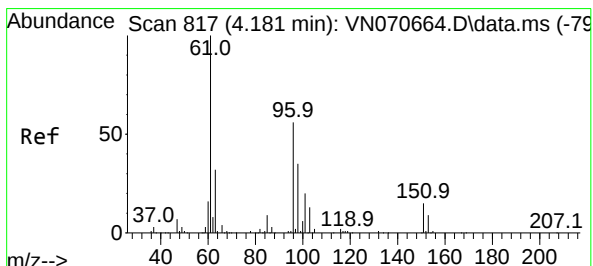
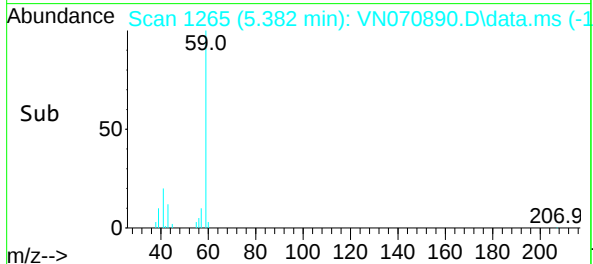
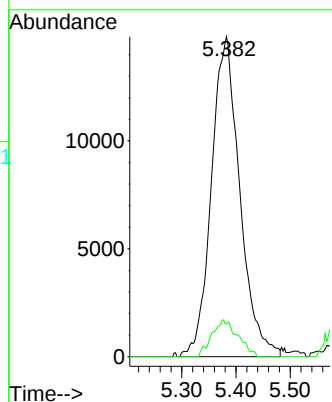
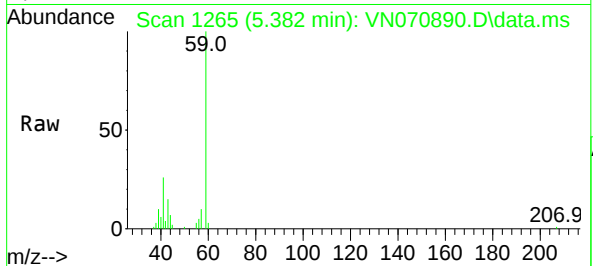




#11
Tert butyl alcohol
Concen: 24.020 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

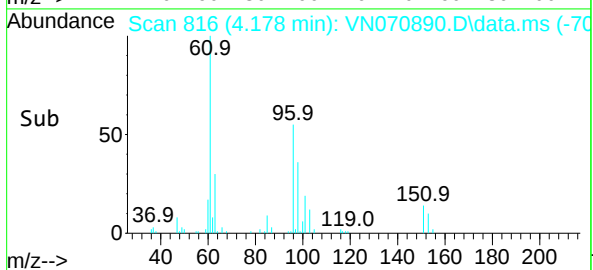
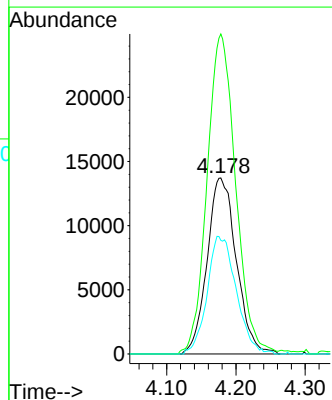
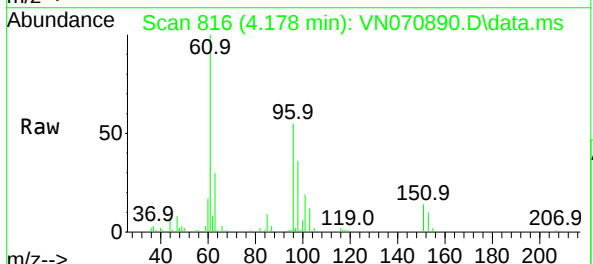
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

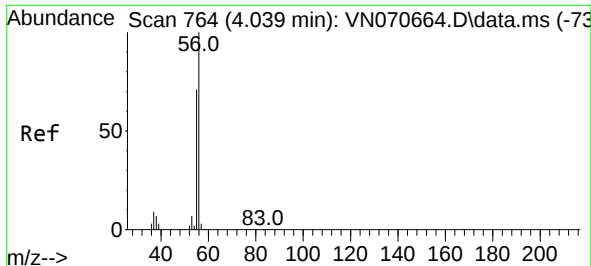
Tgt Ion: 59 Resp: 53961
Ion Ratio Lower Upper
59 100
57 5.8 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 5.059 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 96 Resp: 40265
Ion Ratio Lower Upper
96 100
61 180.4 131.0 196.6
98 64.6 52.4 78.6

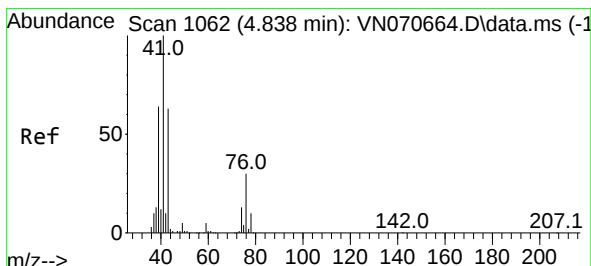
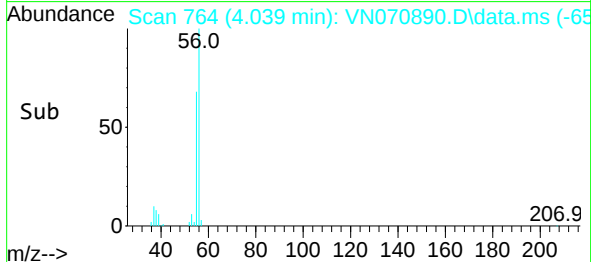
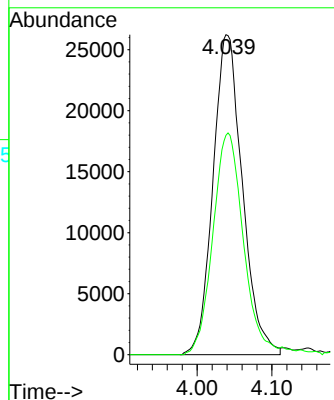
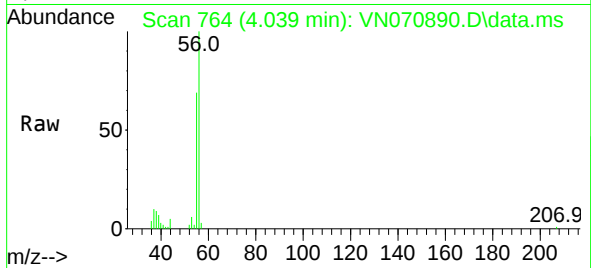




#13
Acrolein
Concen: 28.943 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

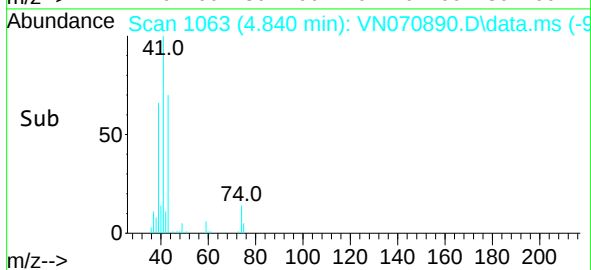
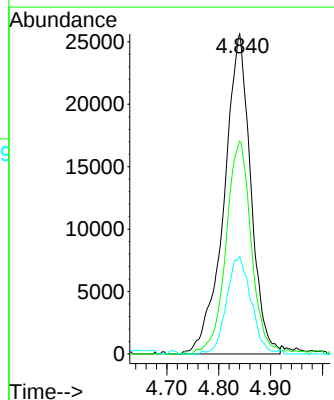
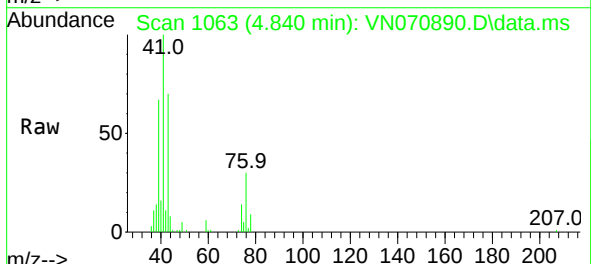
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

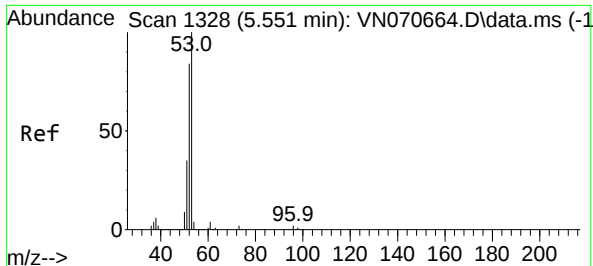
Tgt Ion: 56 Resp: 71584
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0



#14
Allyl chloride
Concen: 5.044 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 41 Resp: 91458
Ion Ratio Lower Upper
41 100
39 62.8 61.2 91.8
76 26.3 26.0 39.0

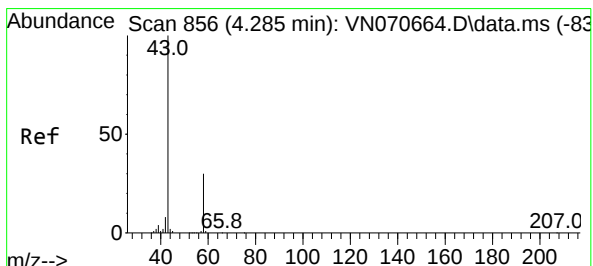
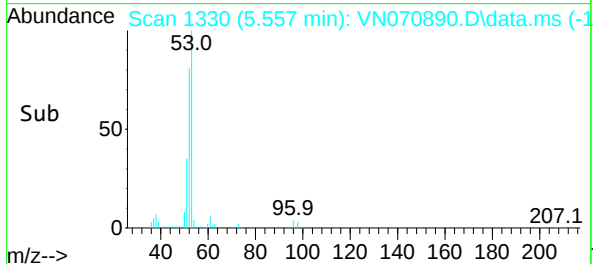
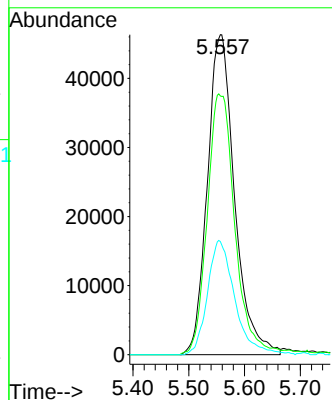
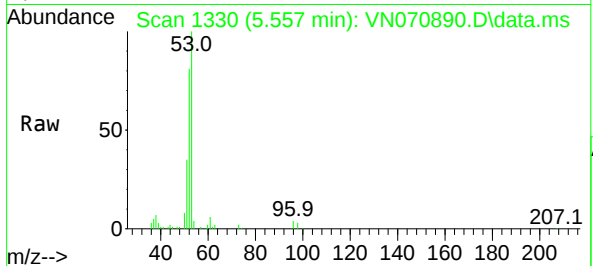




#15
Acrylonitrile
Concen: 25.038 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

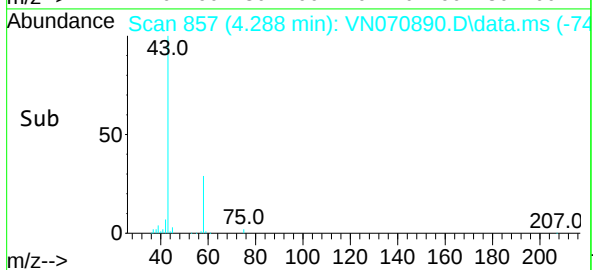
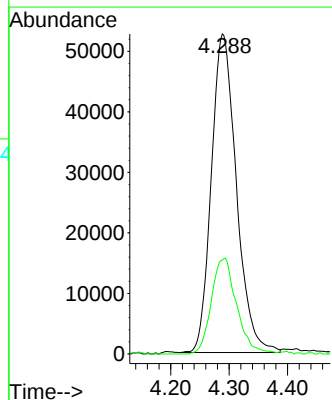
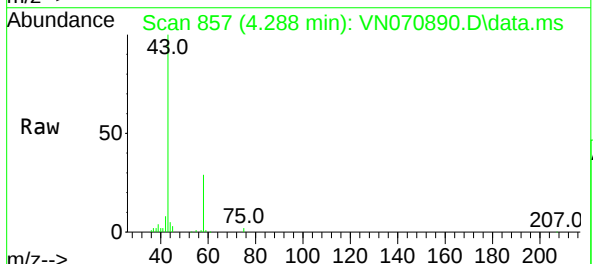
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

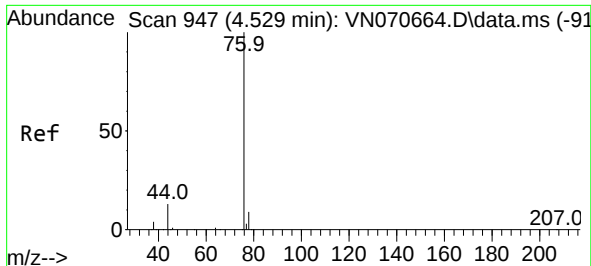
Tgt Ion: 53 Resp: 157075
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.2
51 35.7 29.6 44.4



#16
Acetone
Concen: 24.533 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 43 Resp: 156833
Ion Ratio Lower Upper
43 100
58 29.5 23.1 34.7

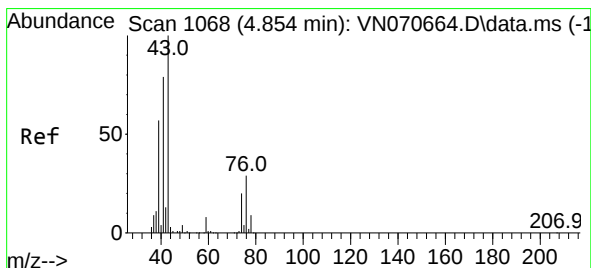
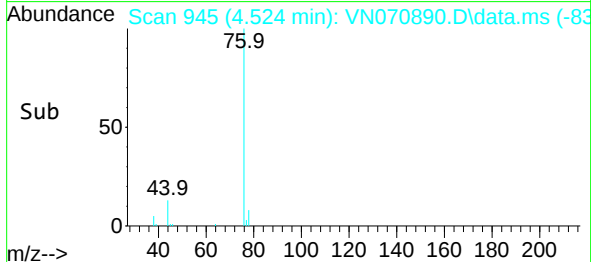
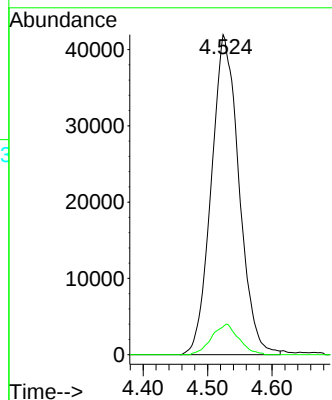
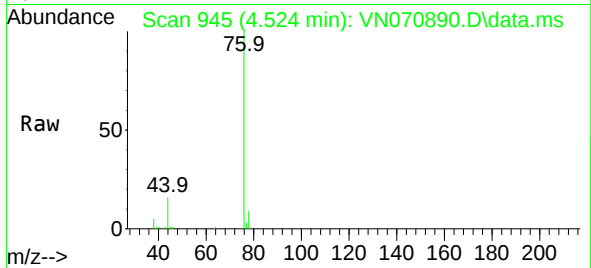




#17
Carbon Disulfide
Concen: 5.061 ug/l
RT: 4.524 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

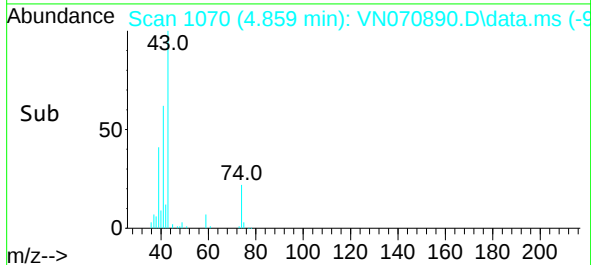
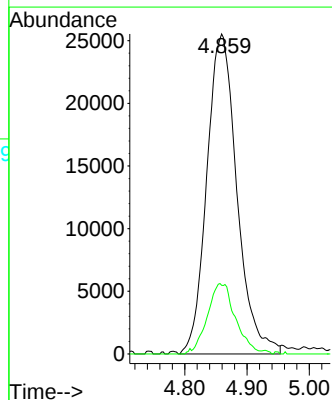
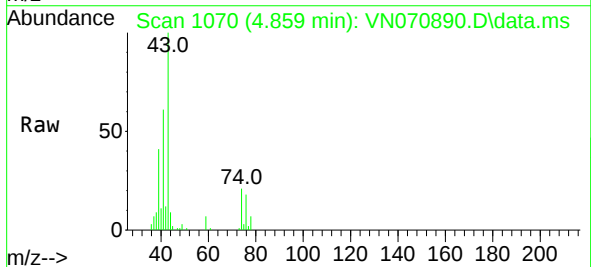
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

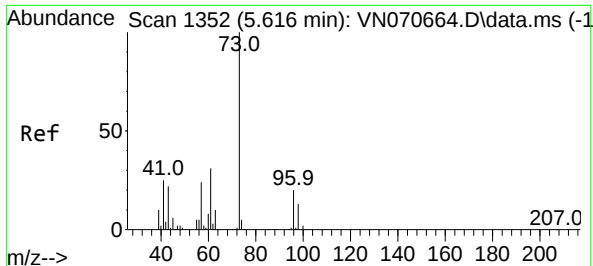
Tgt Ion: 76 Resp: 125103
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 5.468 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 43 Resp: 85783
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 5.021 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.002 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

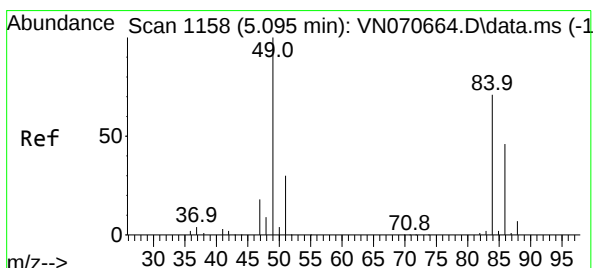
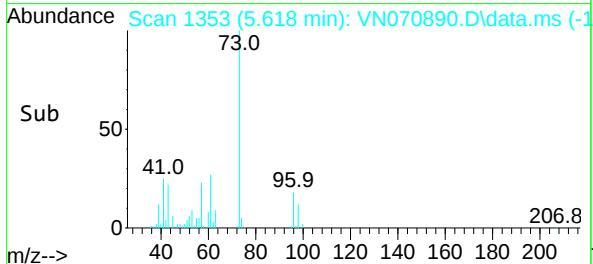
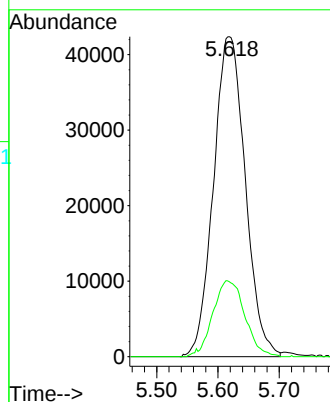
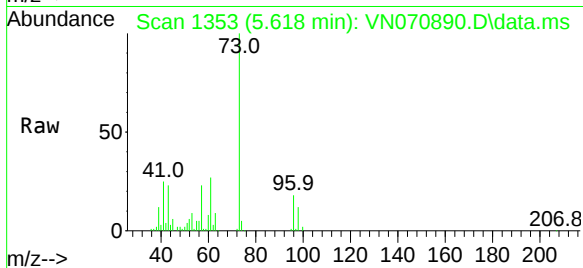
VSTDIC005

Tgt Ion: 73 Resp: 152581

Ion Ratio Lower Upper

73 100

57 23.4 16.8 25.2



#20

Methylene Chloride

Concen: 5.160 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Tgt Ion: 84 Resp: 50094

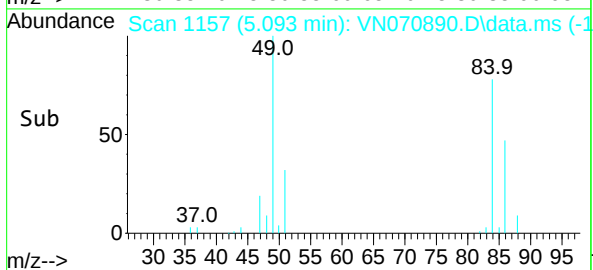
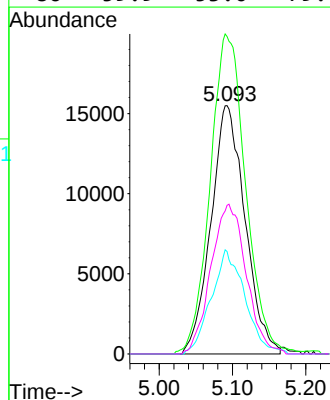
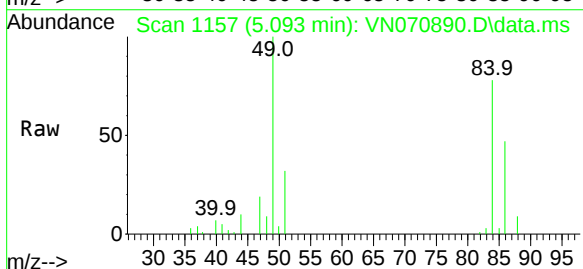
Ion Ratio Lower Upper

84 100

49 126.3 93.5 140.3

51 41.2 29.4 44.2

86 59.9 53.0 79.4

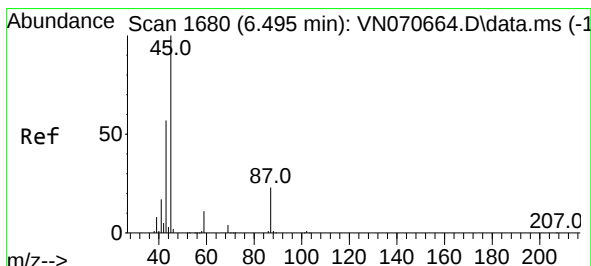
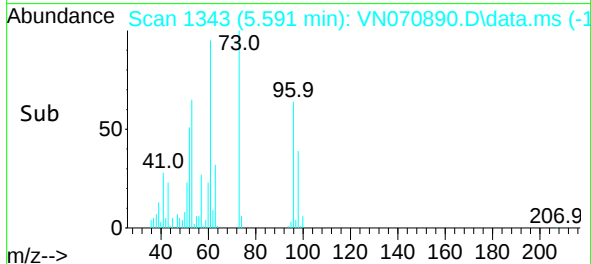
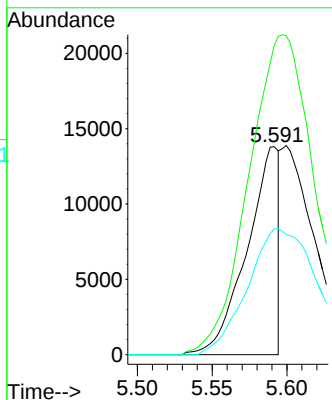
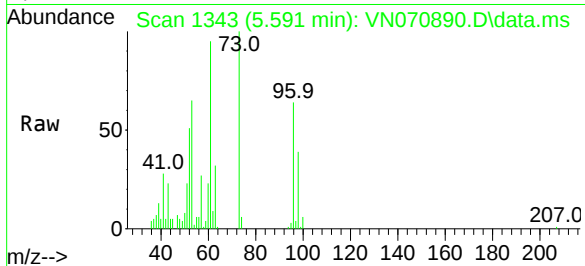




#21
trans-1,2-Dichloroethene
Concen: 2.400 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

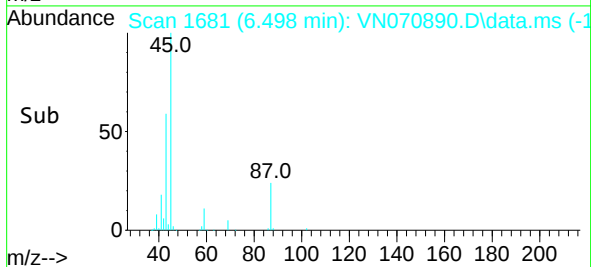
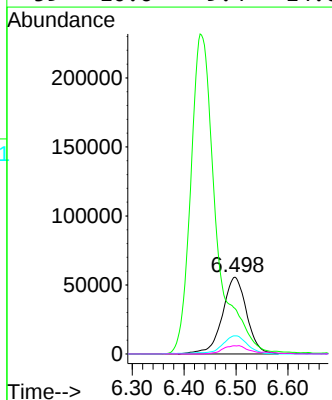
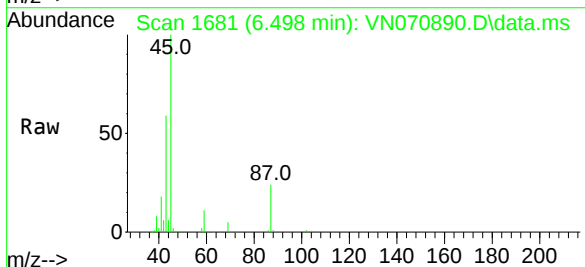
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

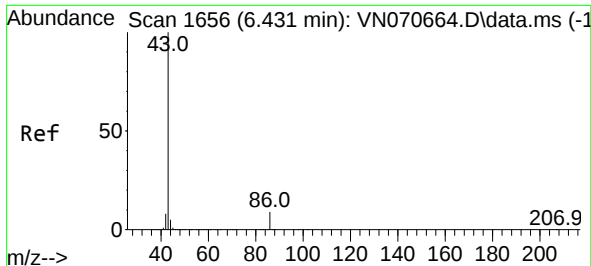
Tgt Ion: 96 Resp: 20367
Ion Ratio Lower Upper
96 100
61 148.5 105.8 158.6
98 60.5 52.0 78.0



#22
Diisopropyl ether
Concen: 5.151 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 45 Resp: 180897
Ion Ratio Lower Upper
45 100
43 55.7 51.7 77.5
87 23.6 23.2 34.8
59 10.6 9.4 14.0

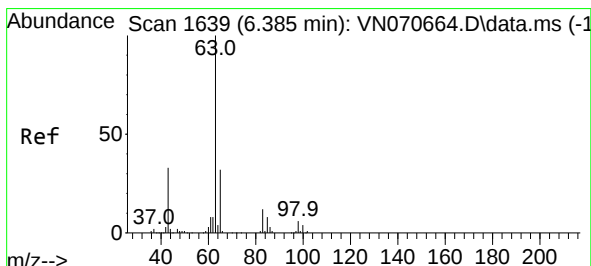
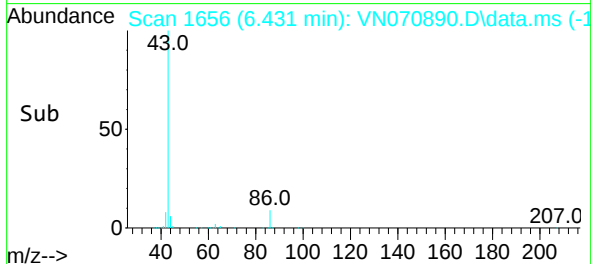
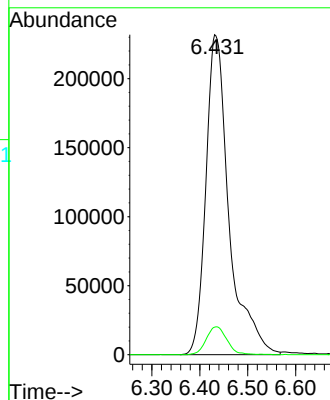
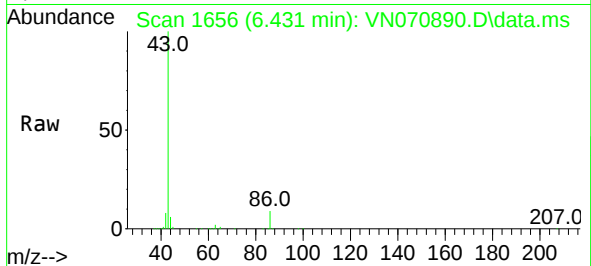




#23
 Vinyl Acetate
 Concen: 25.081 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

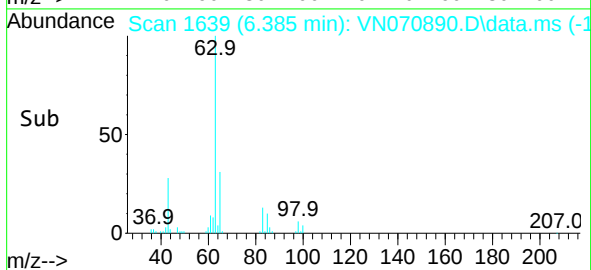
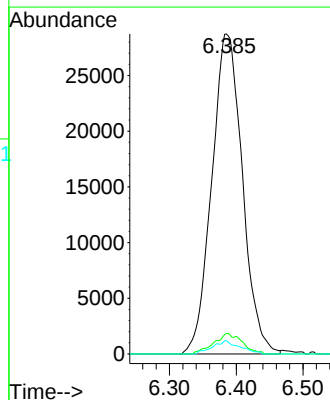
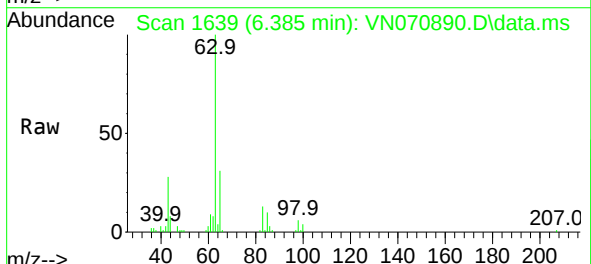
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

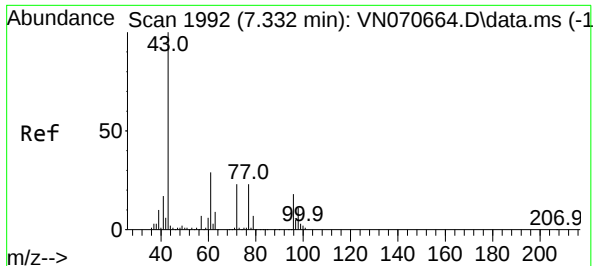
Tgt Ion: 43 Resp: 779168
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 5.182 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

Tgt Ion: 63 Resp: 91637
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 24.908 ug/l

RT: 7.337 min Scan# 1992

Delta R.T. 0.002 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

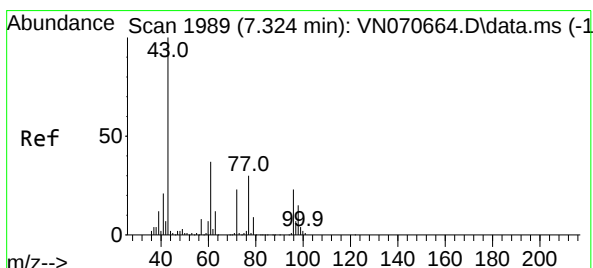
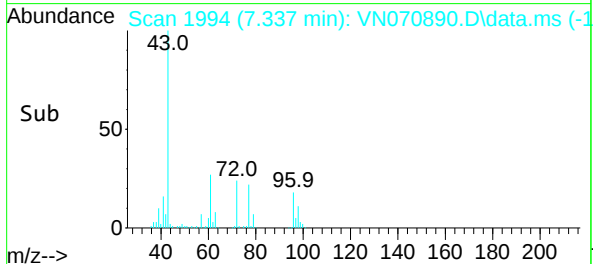
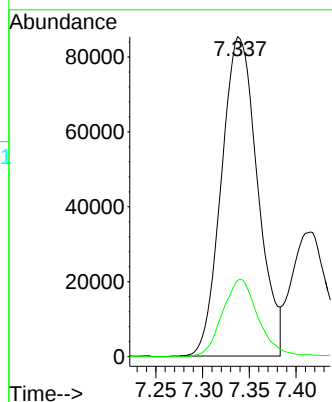
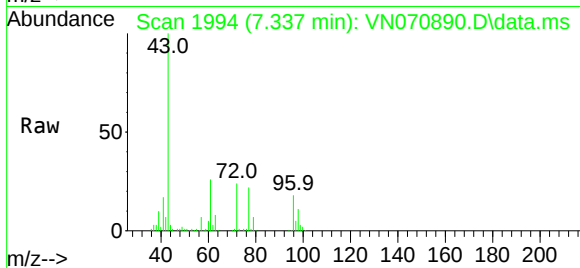
VSTDICC005

Tgt Ion: 43 Resp: 229841

Ion Ratio Lower Upper

43 100

72 23.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 5.072 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070890.D

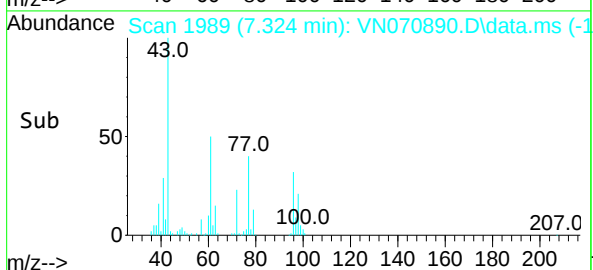
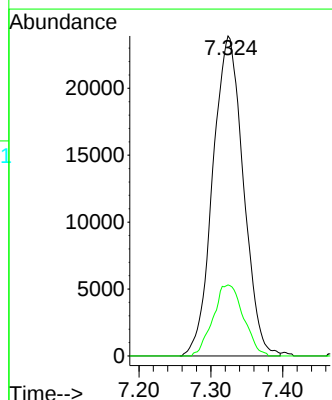
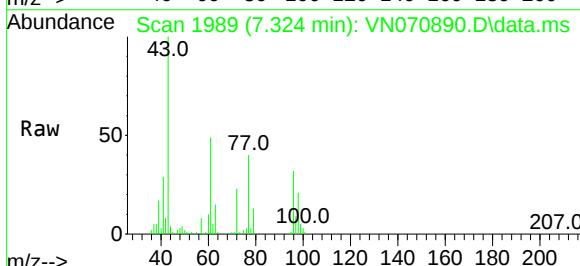
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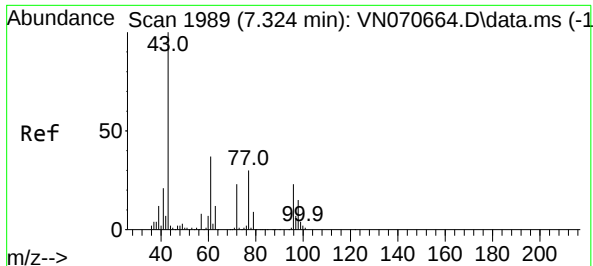
Tgt Ion: 77 Resp: 70446

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8

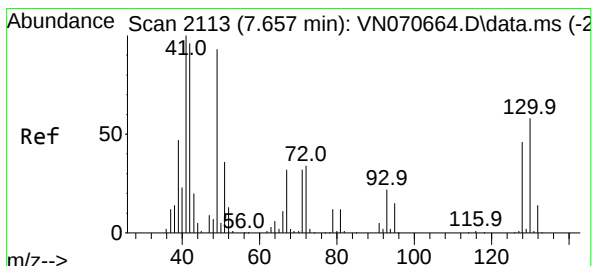
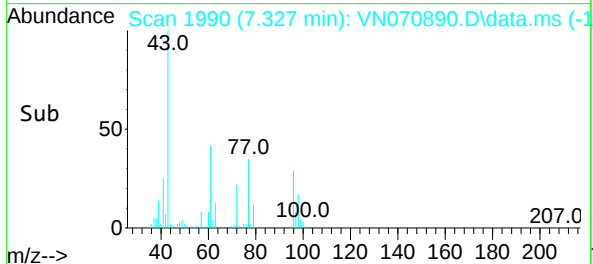
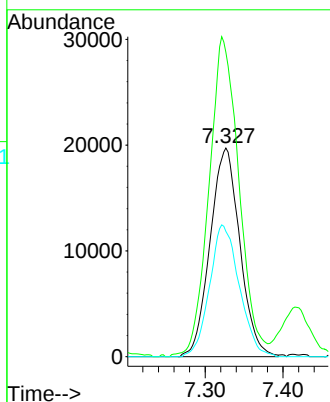
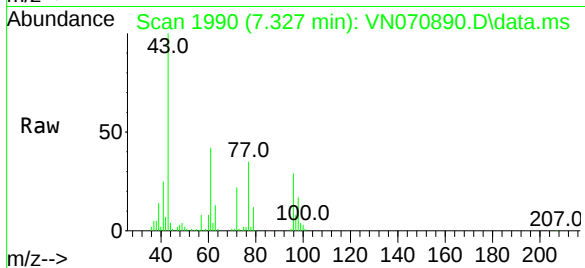




#27
 cis-1,2-Dichloroethene
 Concen: 5.229 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

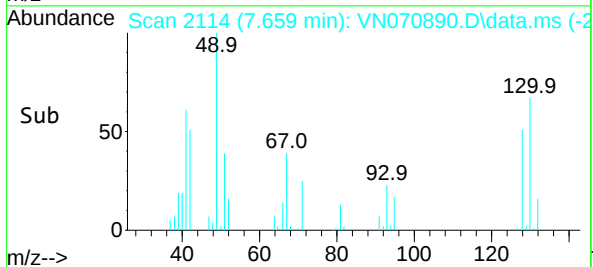
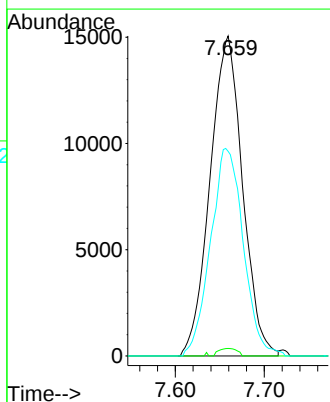
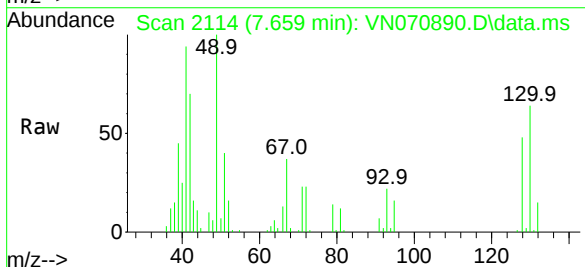
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

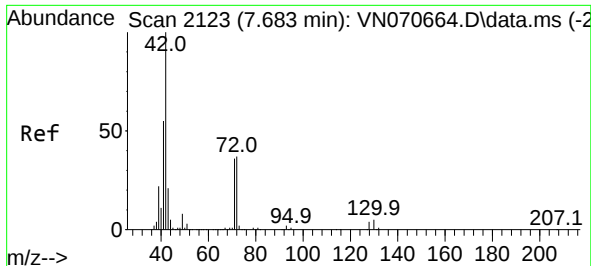
Tgt Ion: 96 Resp: 52414
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 275.0
 98 63.0 0.0 129.6



#28
 Bromochloromethane
 Concen: 4.952 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

Tgt Ion: 49 Resp: 38213
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 65.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 24.701 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

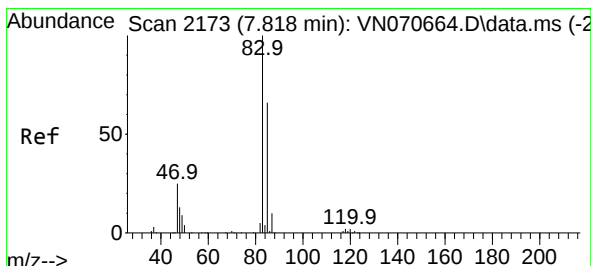
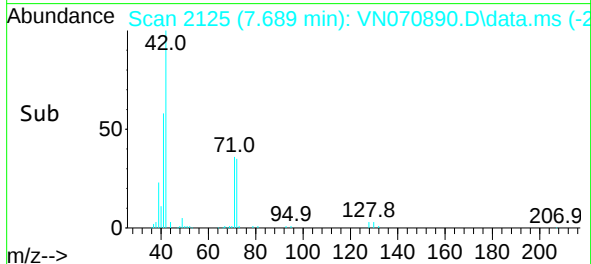
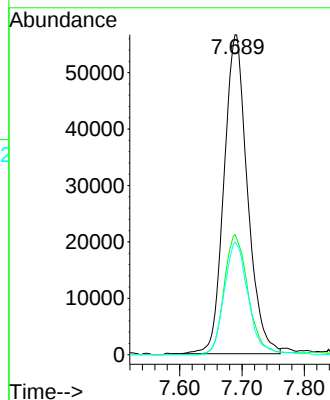
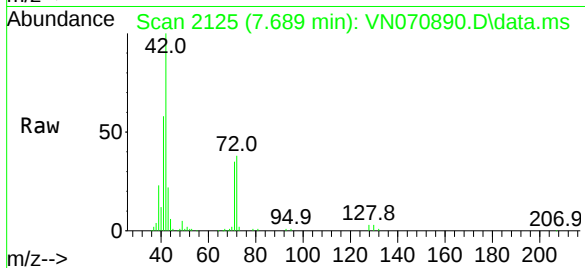
Tgt Ion: 42 Resp: 148048

Ion Ratio Lower Upper

42 100

72 38.4 36.3 54.5

71 35.6 34.7 52.1



#30

Chloroform

Concen: 5.243 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN070890.D

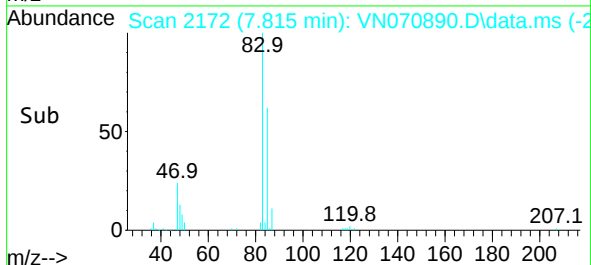
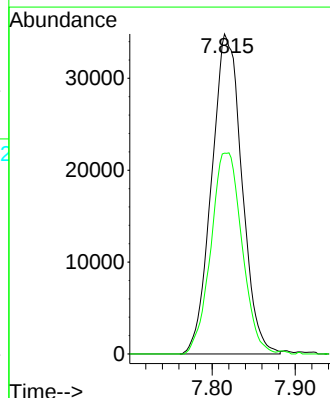
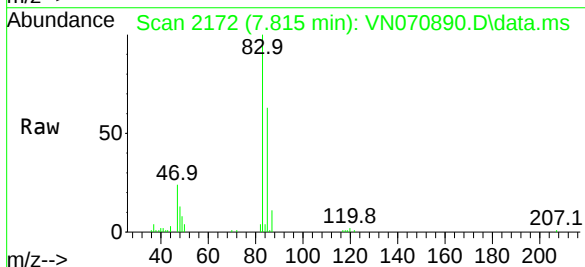
Acq: 2 Feb 2022 13:21

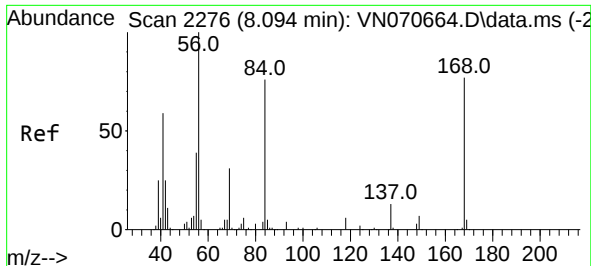
Tgt Ion: 83 Resp: 88204

Ion Ratio Lower Upper

83 100

85 62.8 51.9 77.9

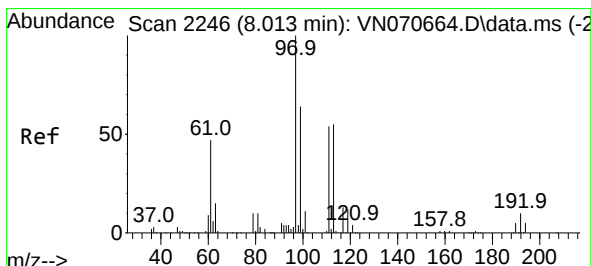
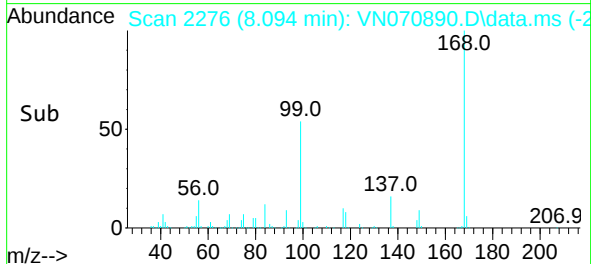
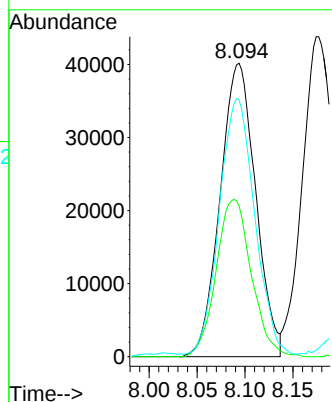
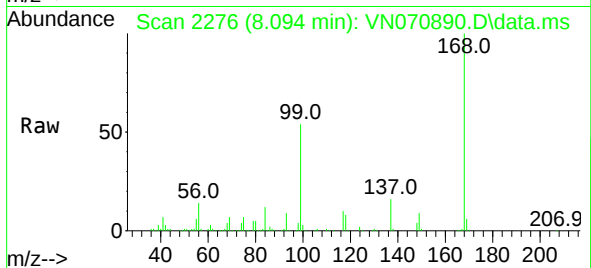




#31
Cyclohexane
Concen: 5.696 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

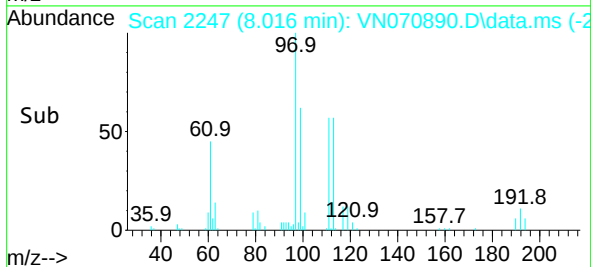
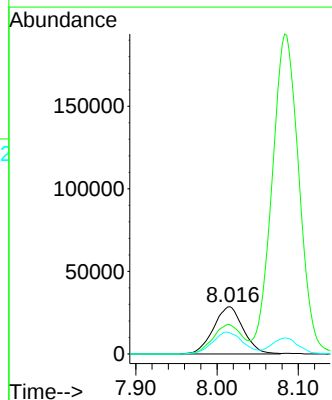
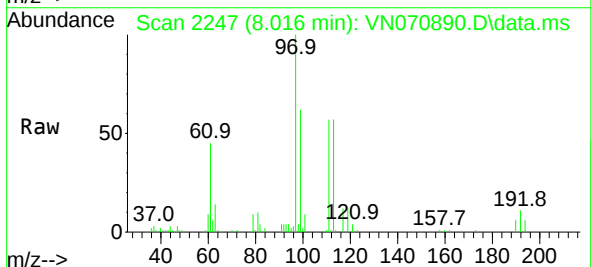
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

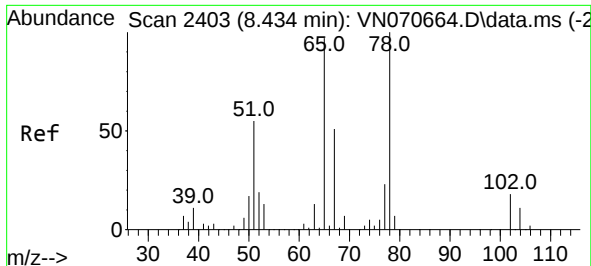
Tgt Ion: 56 Resp: 103464
Ion Ratio Lower Upper
56 100
69 51.3 27.1 40.7#
84 86.7 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 5.115 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 97 Resp: 72637
Ion Ratio Lower Upper
97 100
99 60.7 50.1 75.1
61 47.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 5.196 ug/l

RT: 8.440 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

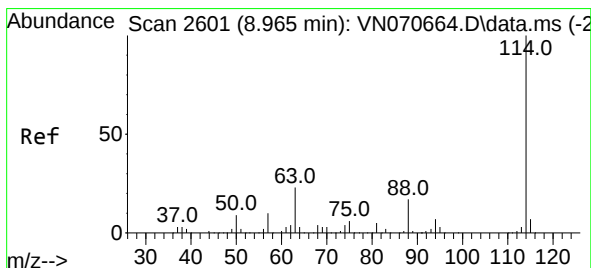
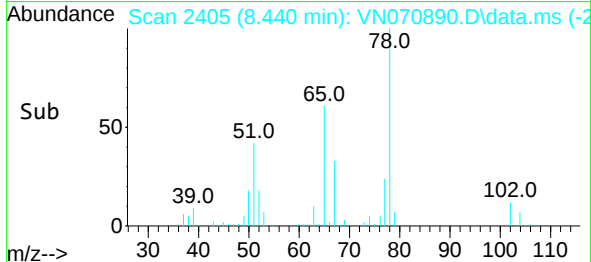
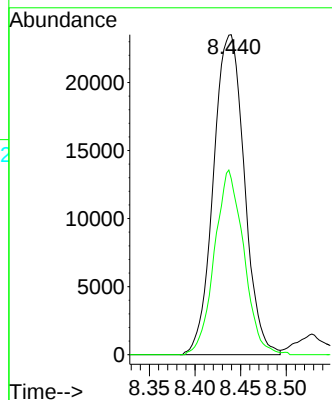
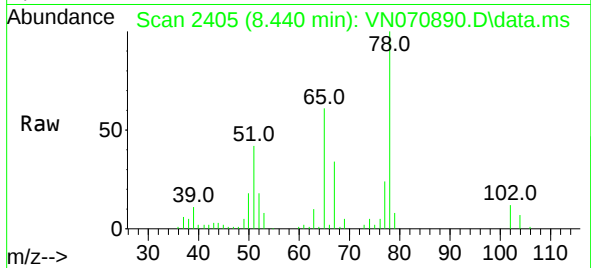
VSTDIC005

Tgt Ion: 65 Resp: 55553

Ion Ratio Lower Upper

65 100

67 54.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

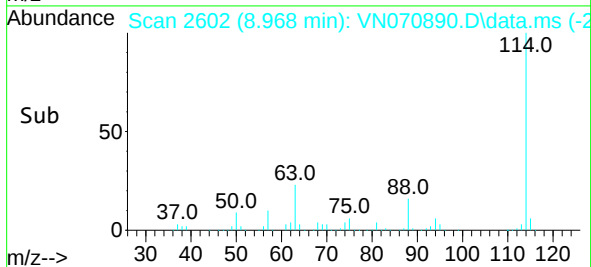
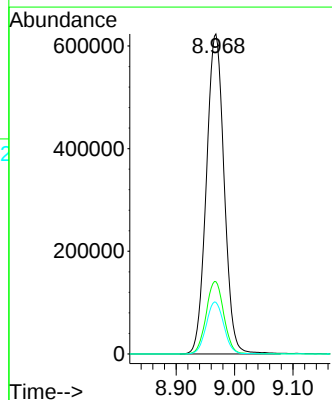
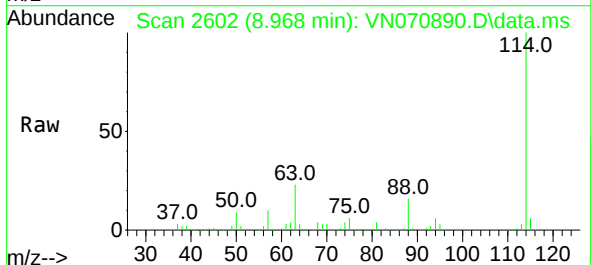
Tgt Ion: 114 Resp: 1317389

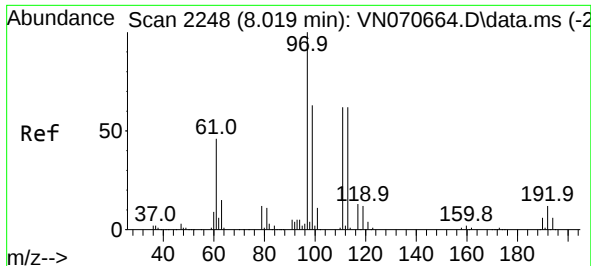
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 16.1 0.0 27.4

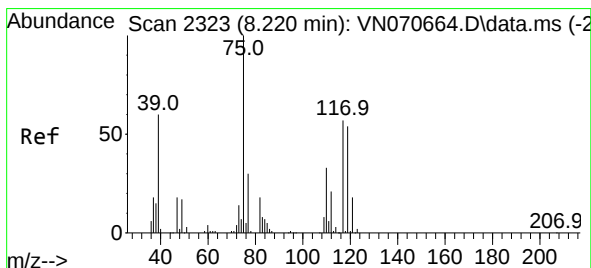
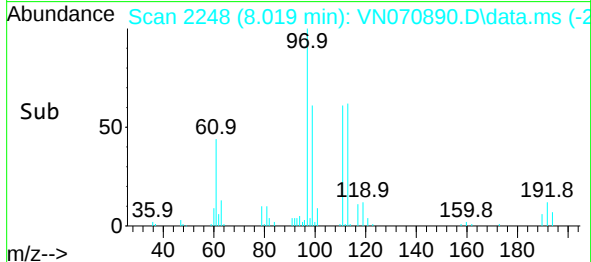
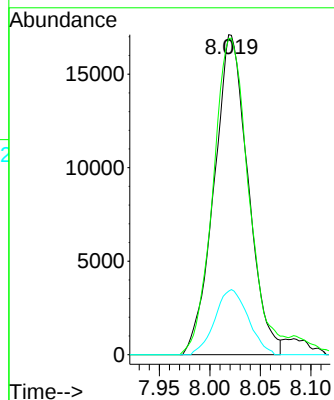
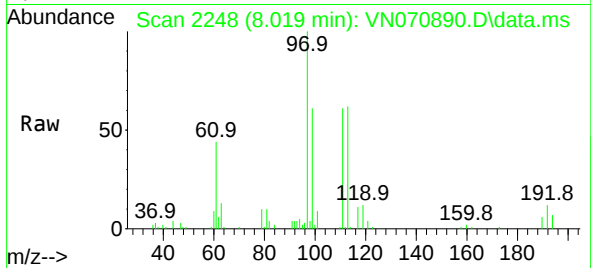




#35
Dibromofluoromethane
Concen: 5.072 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

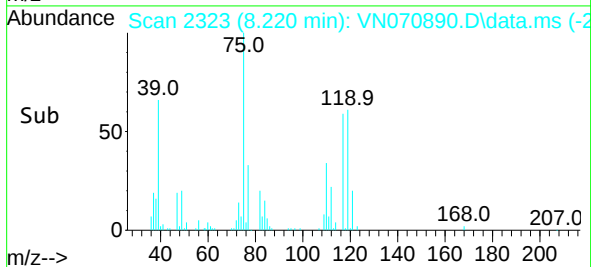
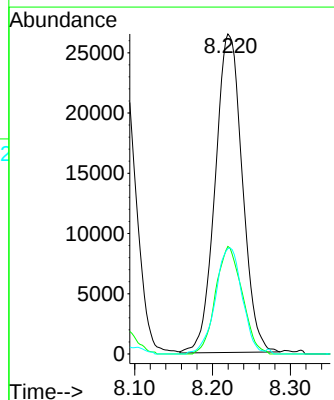
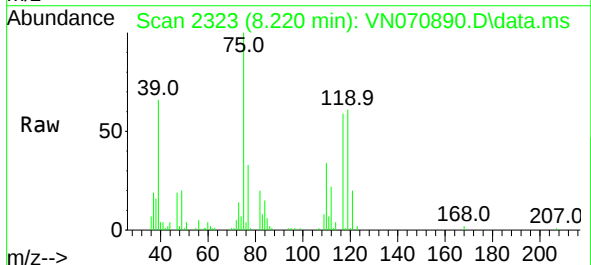
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

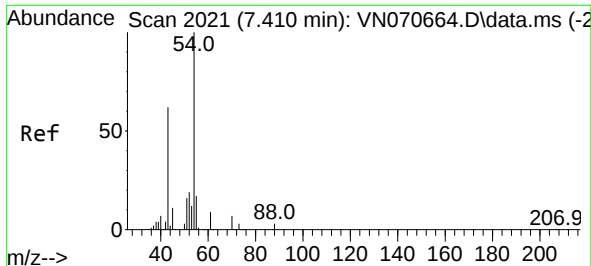
Tgt Ion:113 Resp: 40030
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 75 Resp: 63837
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 32.8 24.4 36.6





#37

Ethyl Acetate

Concen: 5.107 ug/l

RT: 7.415 min Scan# 20

Delta R.T. 0.002 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

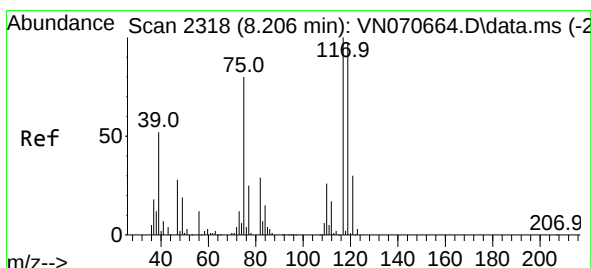
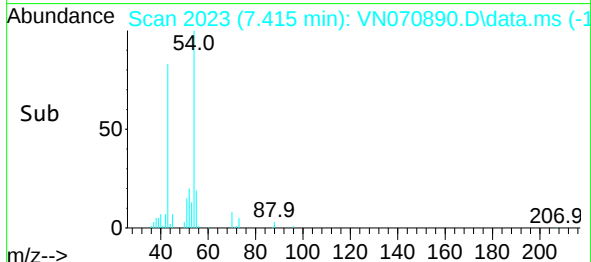
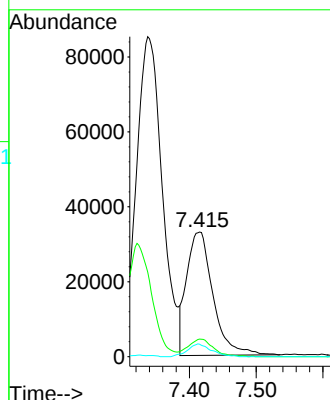
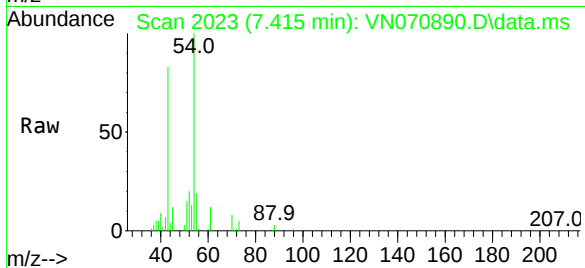
Tgt Ion: 43 Resp: 90245

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

70 9.3 7.9 11.9



#38

Carbon Tetrachloride

Concen: 5.209 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

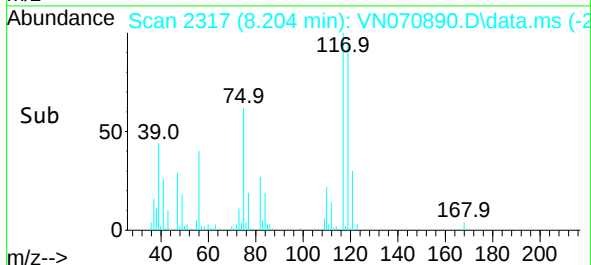
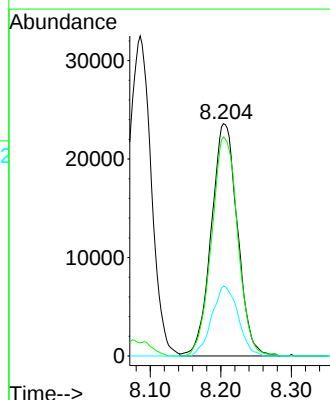
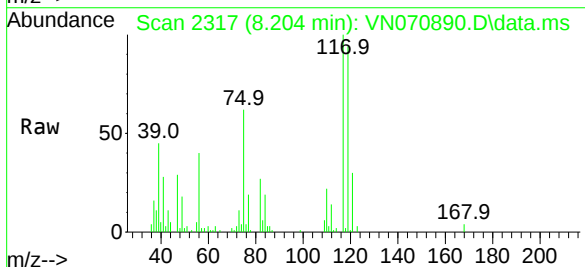
Tgt Ion: 117 Resp: 60994

Ion Ratio Lower Upper

117 100

119 94.3 76.1 114.1

121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 4.876 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

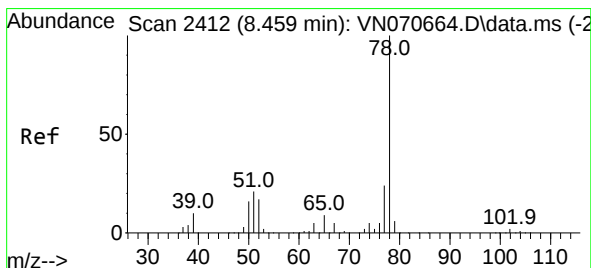
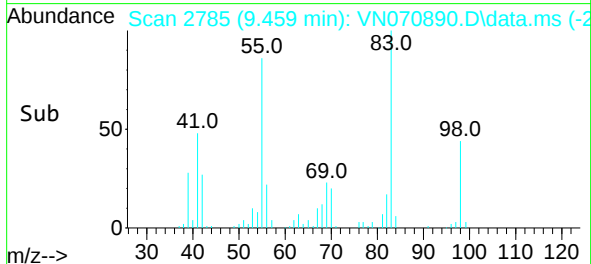
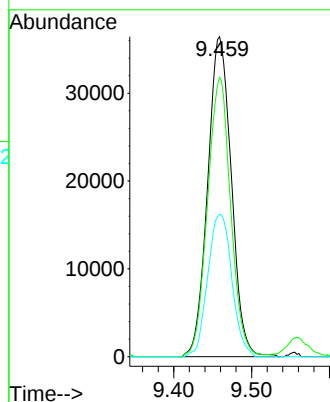
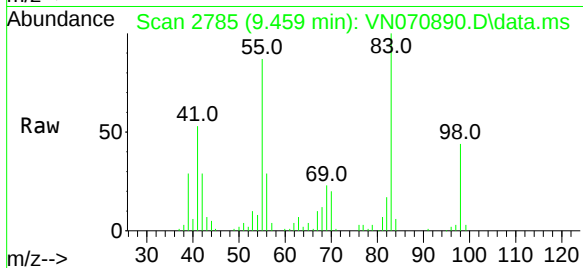
Tgt Ion: 83 Resp: 76843

Ion Ratio Lower Upper

83 100

55 87.2 58.1 87.1#

98 44.4 38.4 57.6



#40

Benzene

Concen: 5.183 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN070890.D

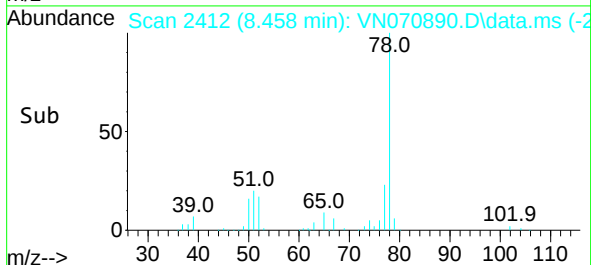
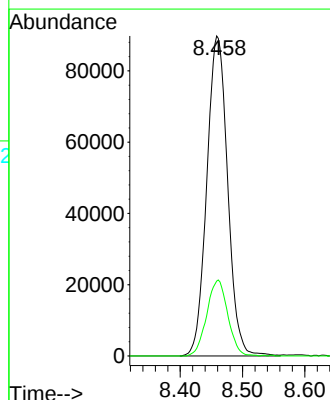
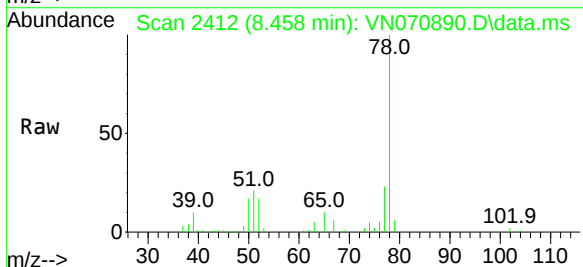
Acq: 2 Feb 2022 13:21

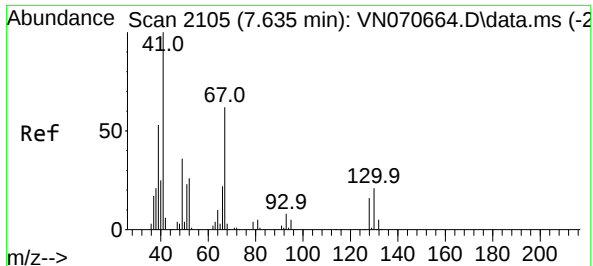
Tgt Ion: 78 Resp: 208770

Ion Ratio Lower Upper

78 100

77 23.4 18.6 27.8

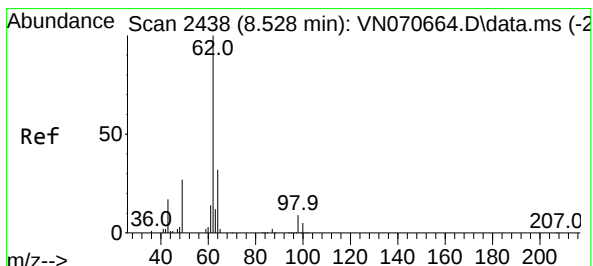
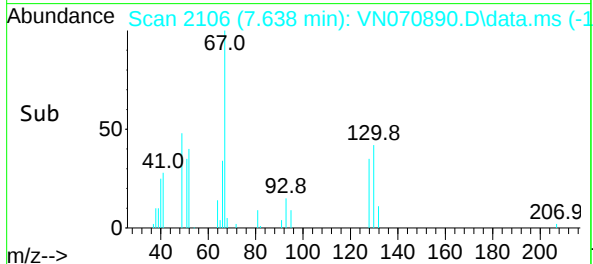
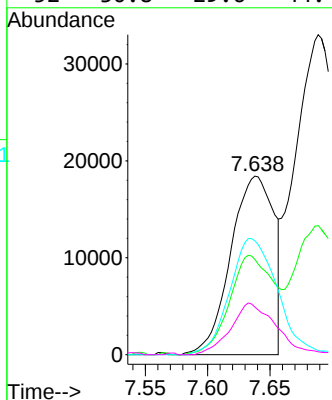
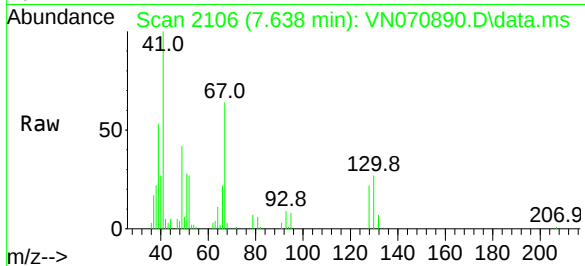




#41
Methacrylonitrile
Concen: 4.990 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

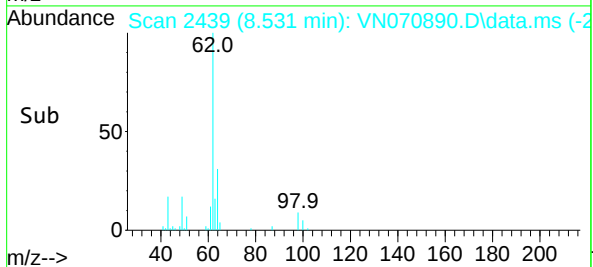
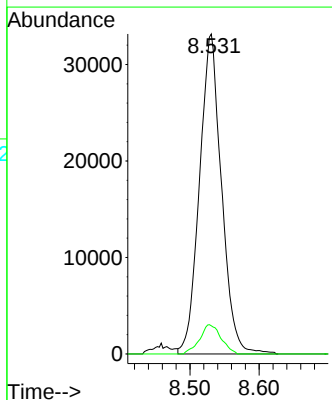
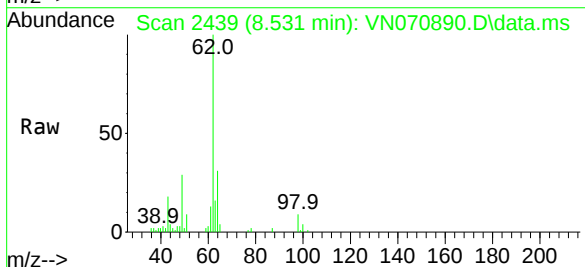
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

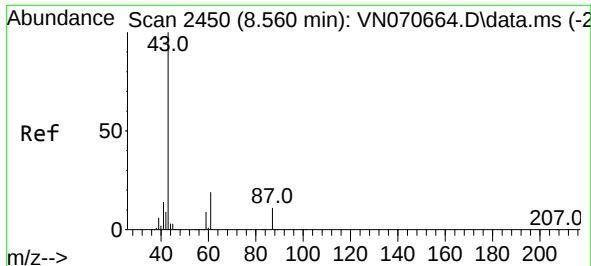
Tgt Ion: 41	Resp: 44304
Ion Ratio	Lower Upper
41 100	
39 56.8	48.1 72.1
67 72.3	68.3 102.5
52 30.8	29.6 44.4



#42
1,2-Dichloroethane
Concen: 5.341 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 62	Resp: 73239
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 17.6

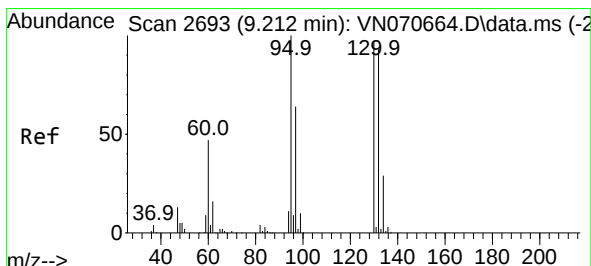
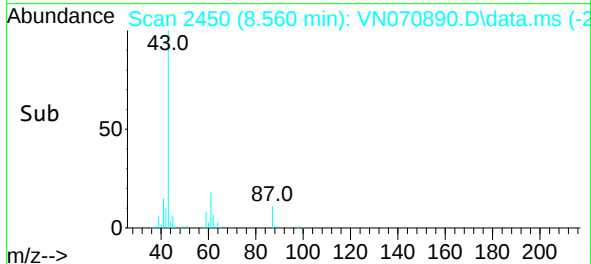
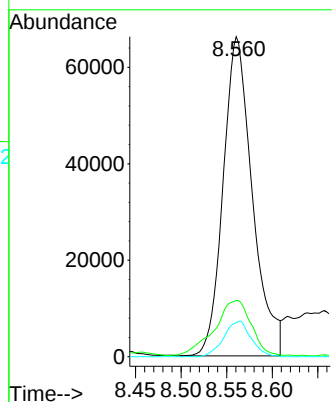
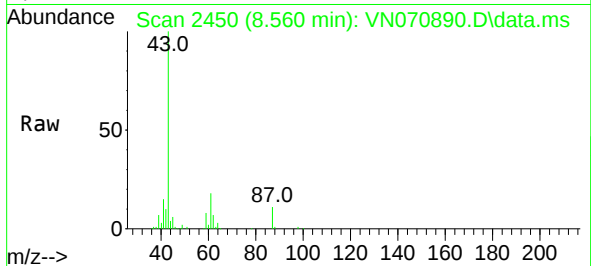




#43
Isopropyl Acetate
Concen: 4.972 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

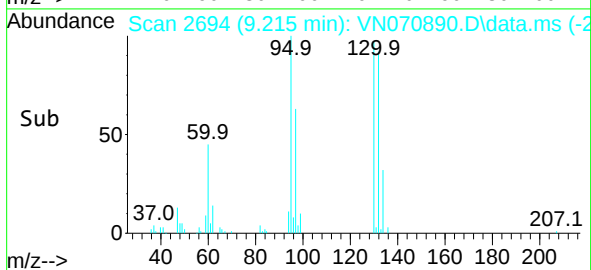
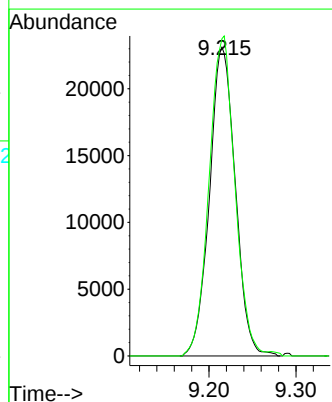
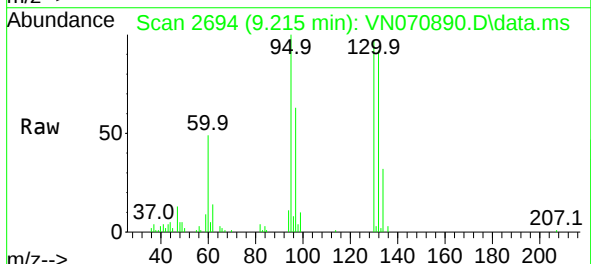
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

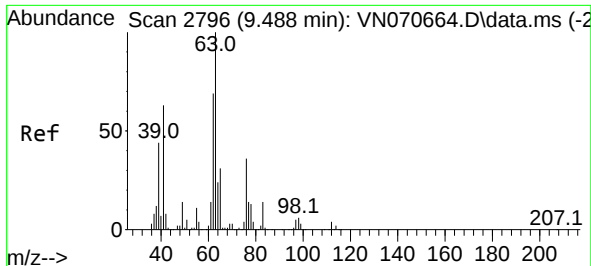
Tgt Ion: 43 Resp: 147702
Ion Ratio Lower Upper
43 100
61 21.9 20.4 30.6
87 10.4 11.2 16.8#



#44
Trichloroethene
Concen: 5.109 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:130 Resp: 47622
Ion Ratio Lower Upper
130 100
95 102.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 5.196 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

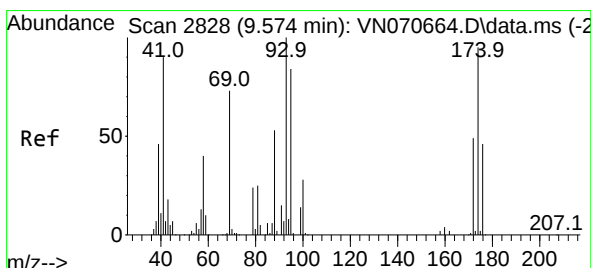
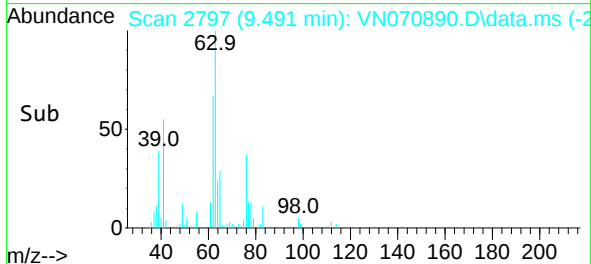
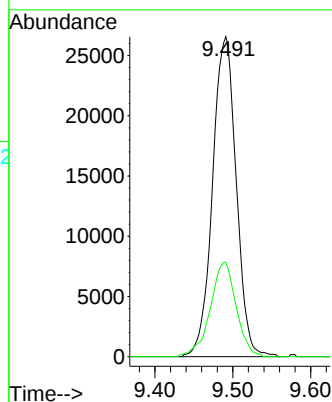
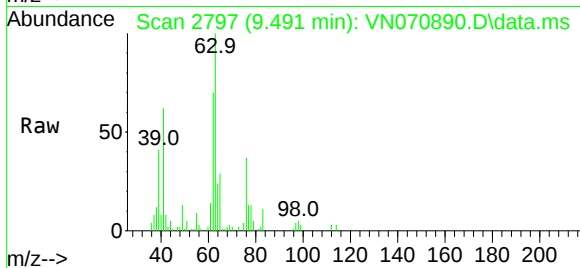
VSTDIC005

Tgt Ion: 63 Resp: 56048

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#46

Dibromomethane

Concen: 5.144 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

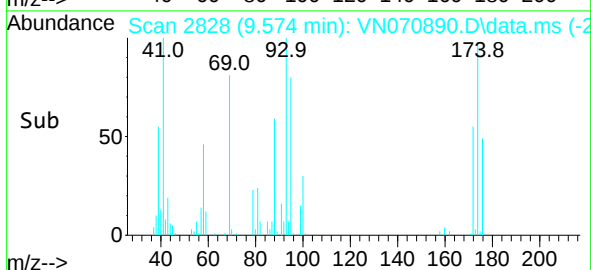
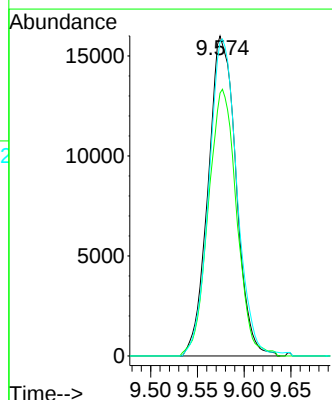
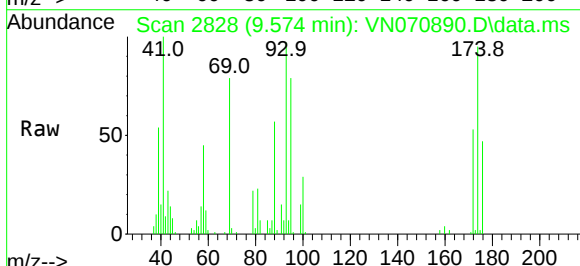
Tgt Ion: 93 Resp: 33237

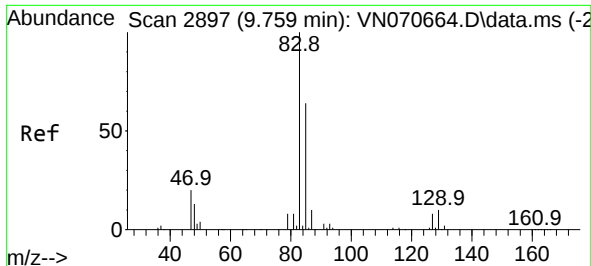
Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

174 99.4 84.6 127.0

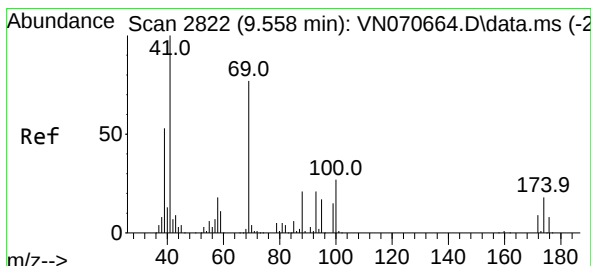
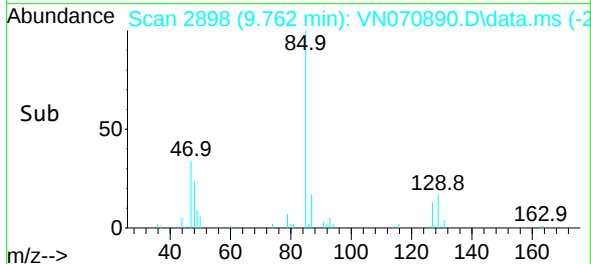
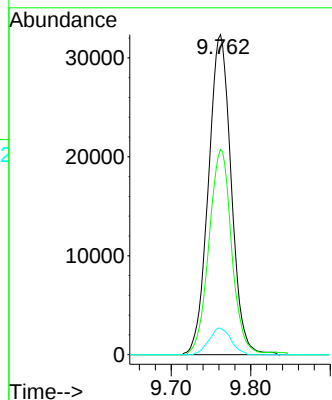
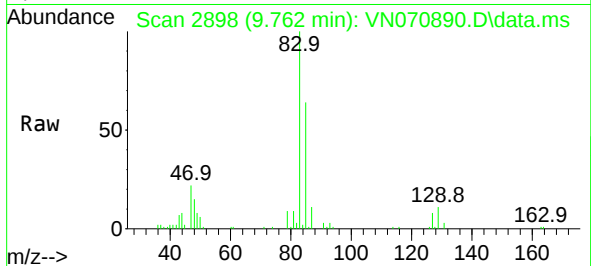




#47
Bromodichloromethane
Concen: 4.945 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

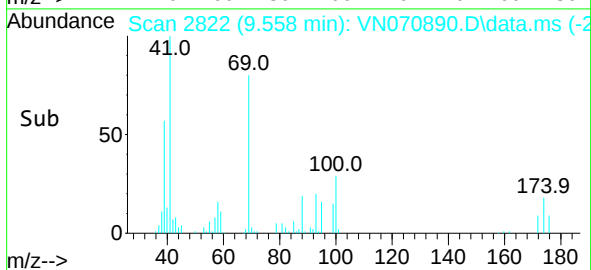
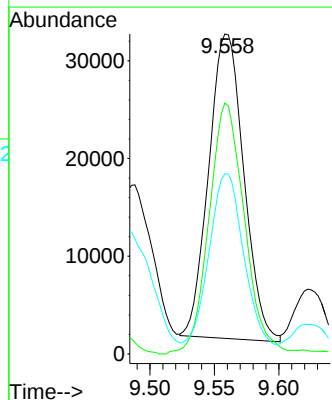
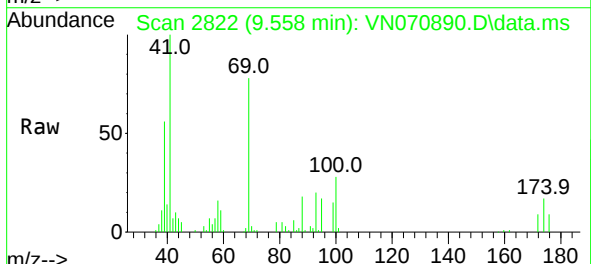
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 64361
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 4.602 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 41 Resp: 58943
Ion Ratio Lower Upper
41 100
69 83.0 72.4 108.6
39 59.6 58.4 87.6

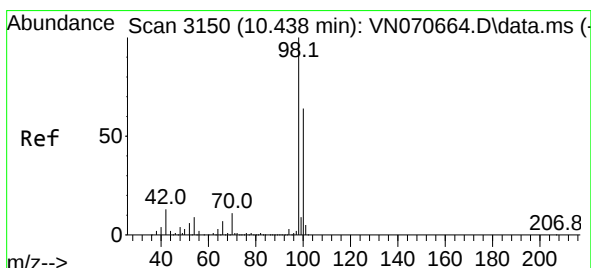
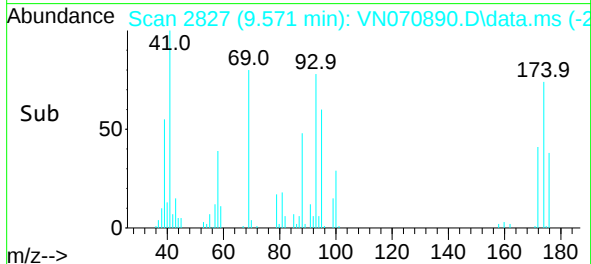
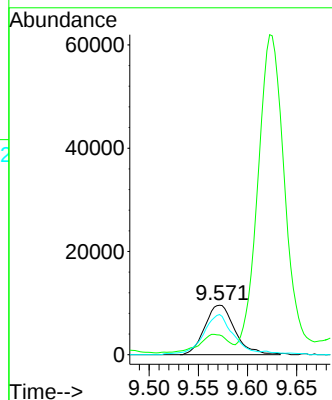
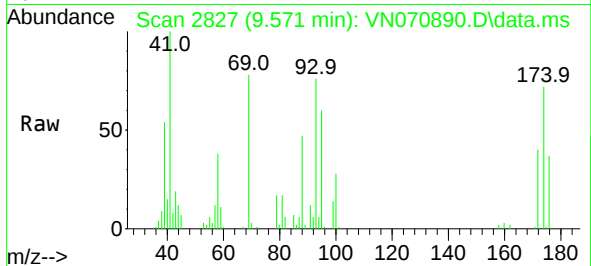




#49
1,4-Dioxane
Concen: 95.108 ug/l
RT: 9.571 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

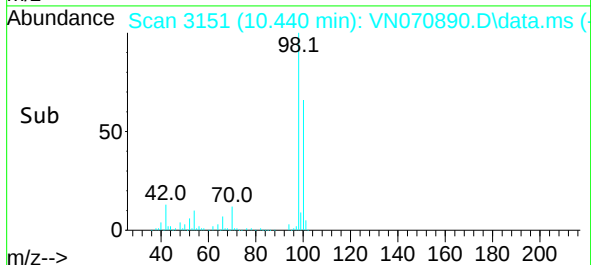
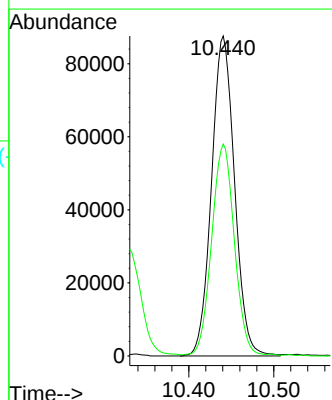
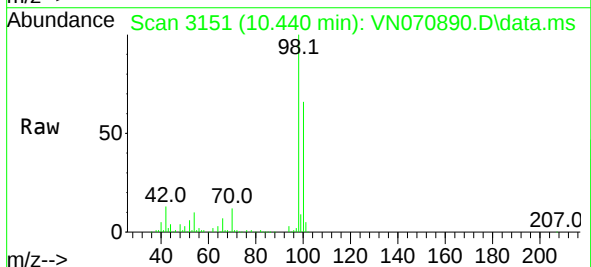
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

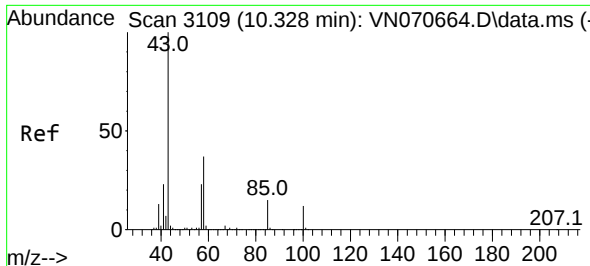
Tgt Ion: 88 Resp: 20405
Ion Ratio Lower Upper
88 100
43 33.6 23.4 35.2
58 80.3 50.6 75.8#



#50
Toluene-d8
Concen: 5.082 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 98 Resp: 164660
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

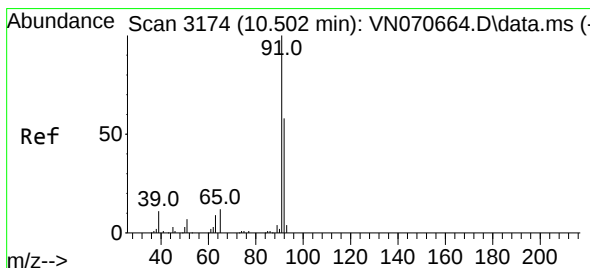
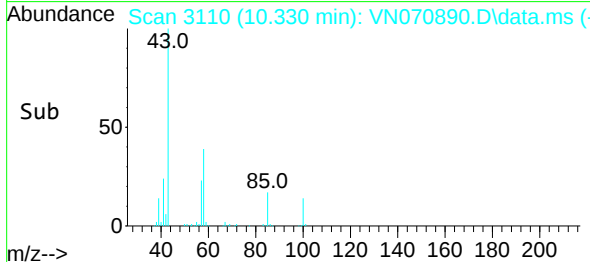
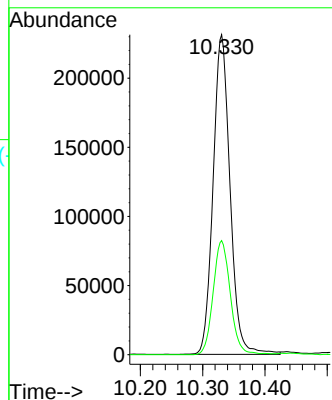
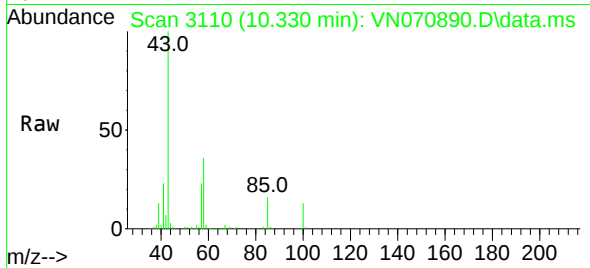




#51
4-Methyl-2-Pentanone
Concen: 25.038 ug/l
RT: 10.330 min Scan# 3109
Delta R.T. -0.001 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

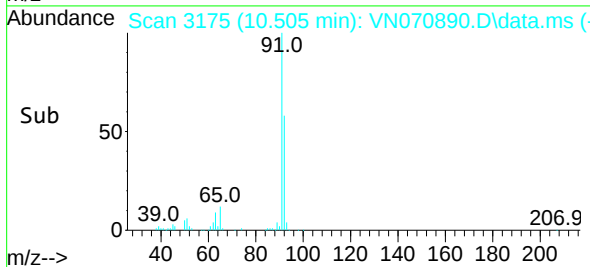
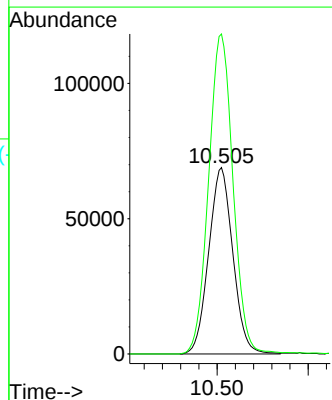
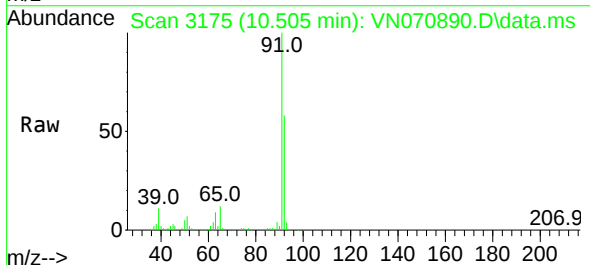
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

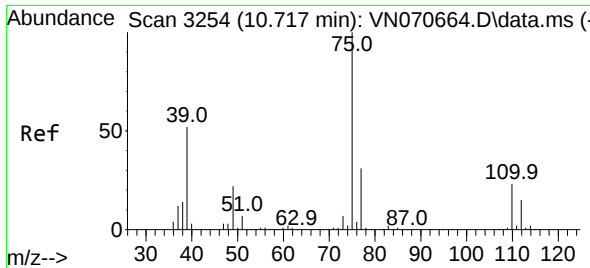
Tgt Ion: 43 Resp: 437777
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6



#52
Toluene
Concen: 5.076 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 92 Resp: 126691
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0

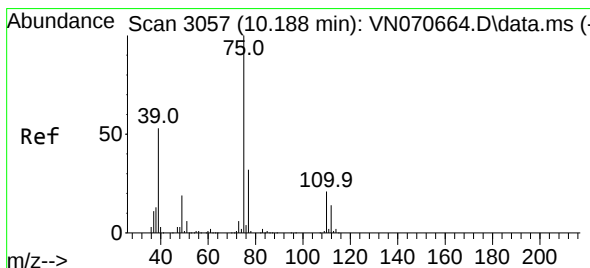
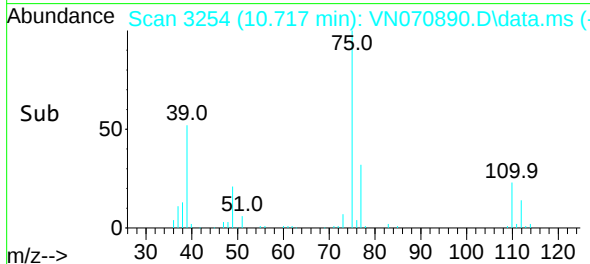
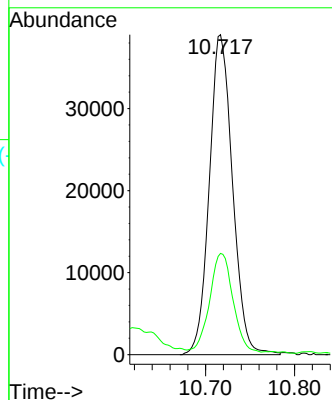
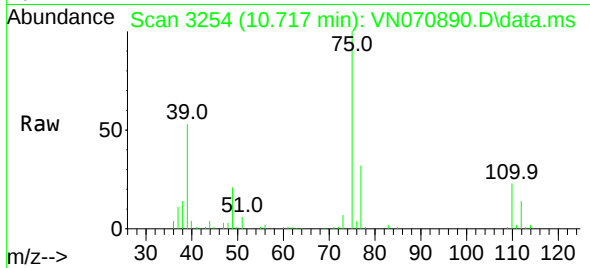




#53
t-1,3-Dichloropropene
Concen: 4.814 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

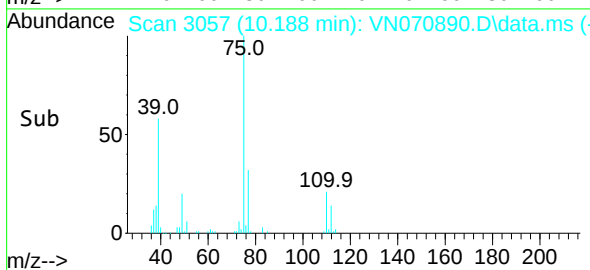
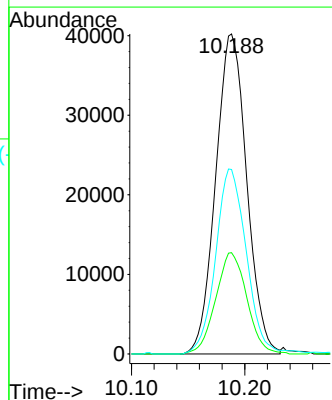
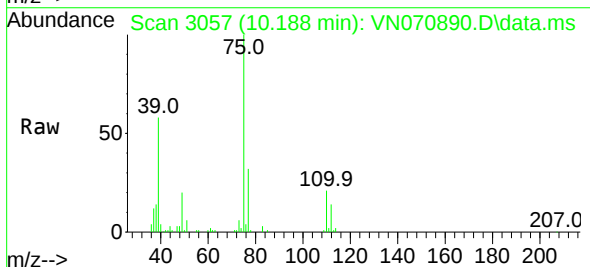
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

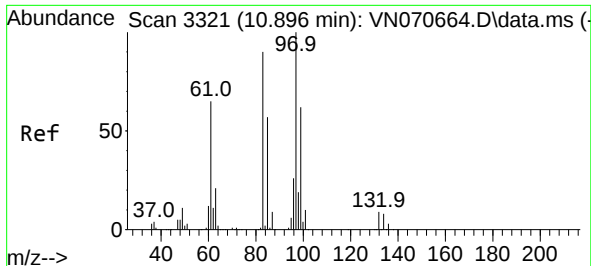
Tgt Ion: 75 Resp: 70708
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 4.792 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 75 Resp: 76546
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 57.7 42.5 63.7

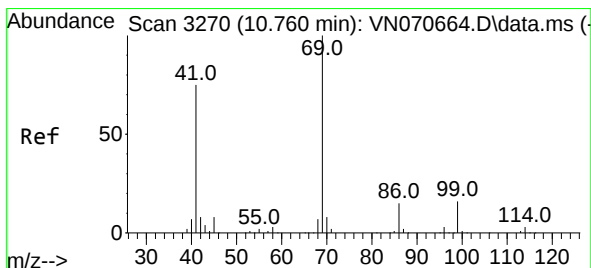
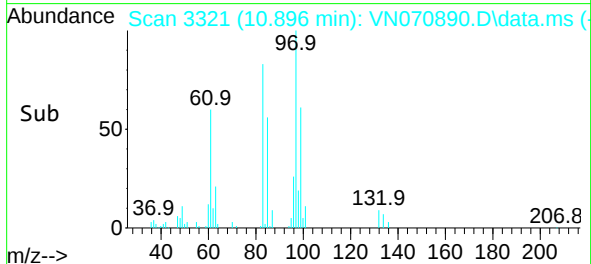
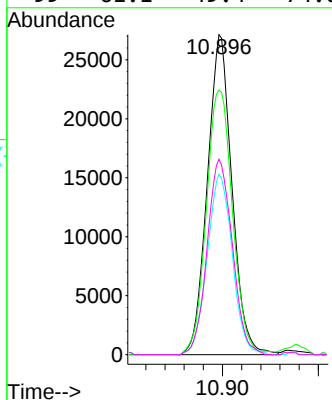
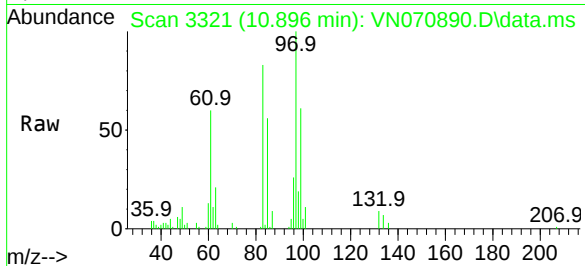




#55
1,1,2-Trichloroethane
Concen: 5.096 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

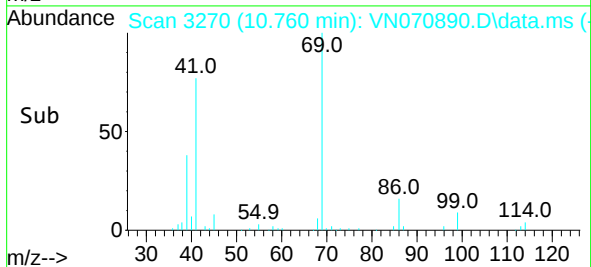
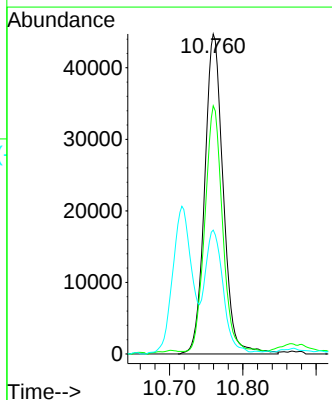
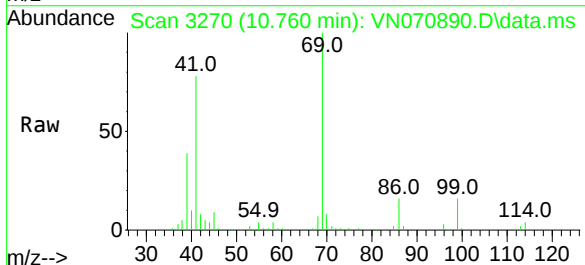
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

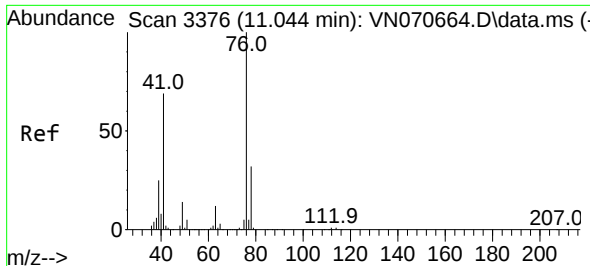
Tgt Ion:	97	Resp:	48300
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.8	101.6
85	56.4	45.4	68.2
99	61.1	49.4	74.0



#56
Ethyl methacrylate
Concen: 4.757 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:	69	Resp:	78534
Ion	Ratio	Lower	Upper
69	100		
41	73.0	51.4	77.0
39	37.1	34.6	52.0

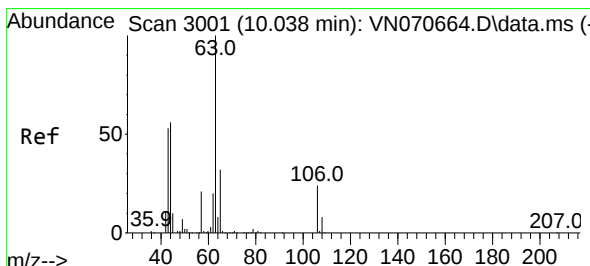
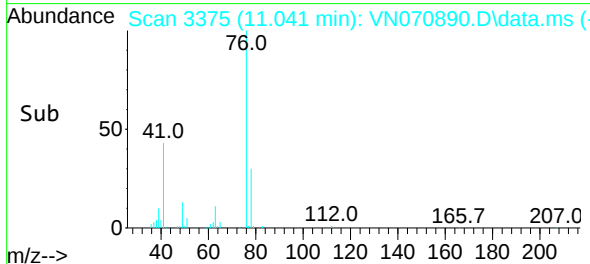
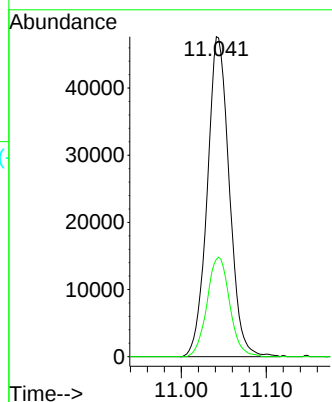
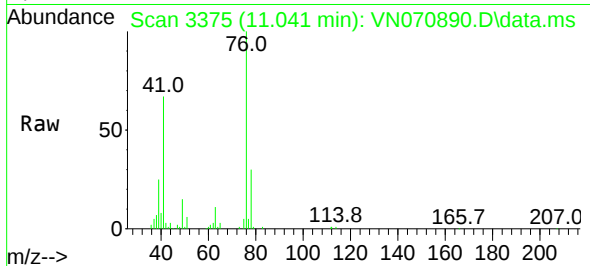




#57
1,3-Dichloropropane
Concen: 5.171 ug/l
RT: 11.041 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

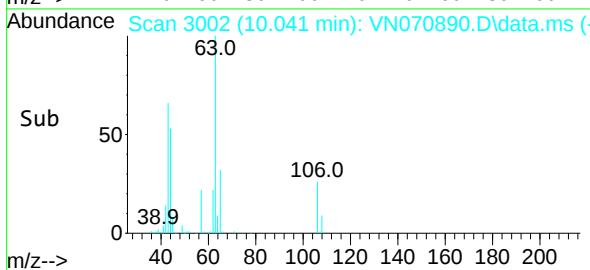
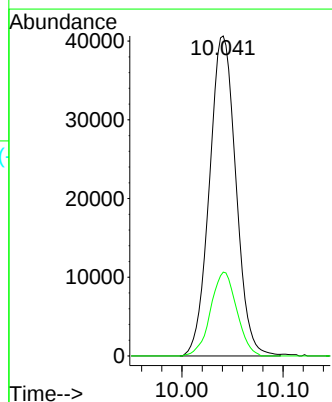
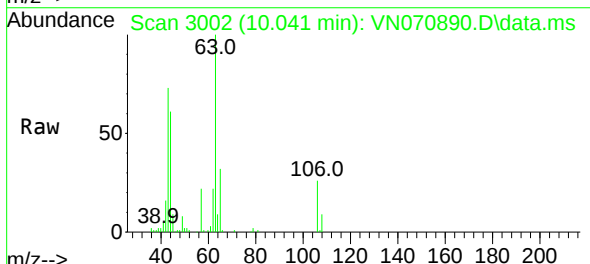
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

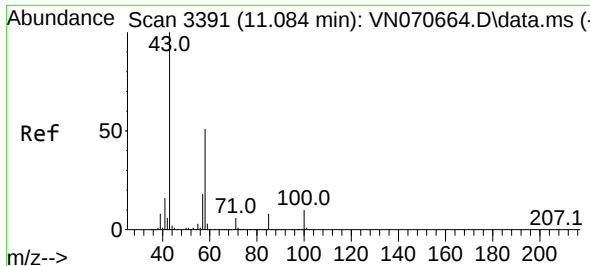
Tgt Ion: 76 Resp: 85801
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 34.901 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 63 Resp: 73993
Ion Ratio Lower Upper
63 100
106 25.9 23.9 35.9

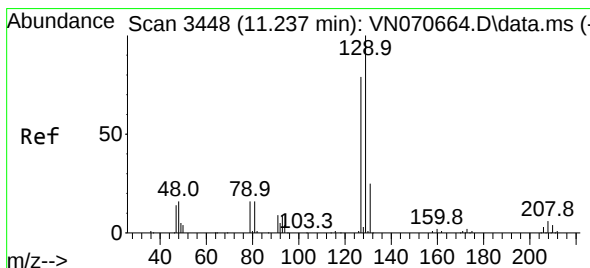
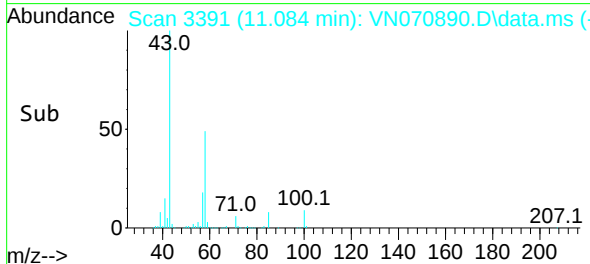
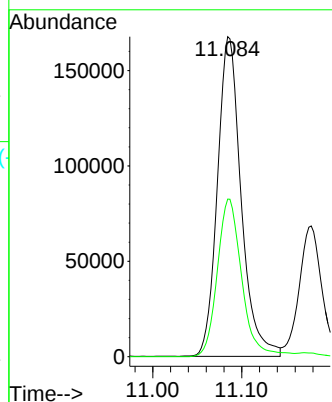
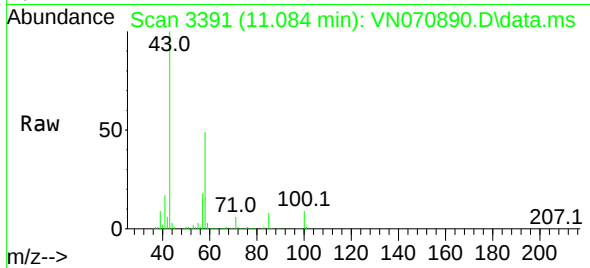




#59
2-Hexanone
Concen: 24.355 ug/l
RT: 11.084 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

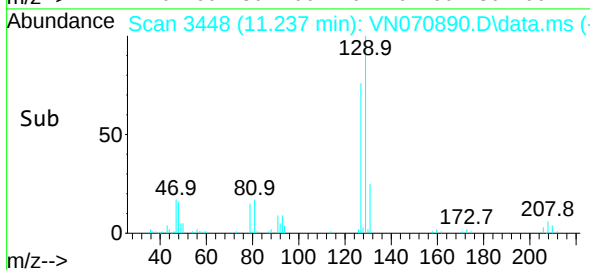
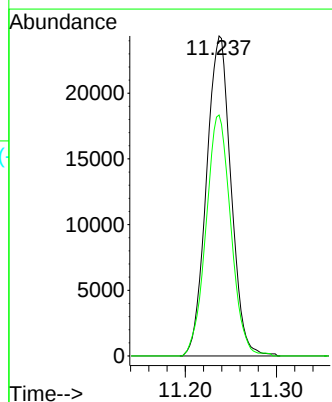
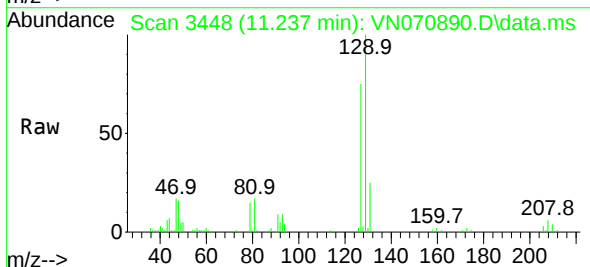
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

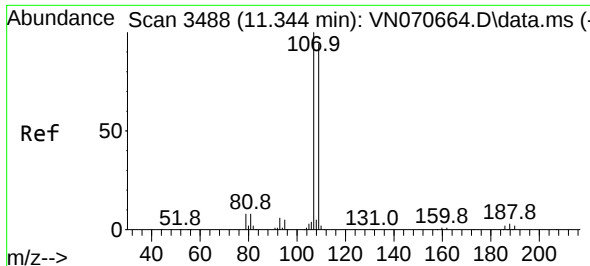
Tgt Ion: 43 Resp: 310910
Ion Ratio Lower Upper
43 100
58 50.8 26.9 80.7



#60
Dibromochloromethane
Concen: 4.840 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 129 Resp: 45502
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

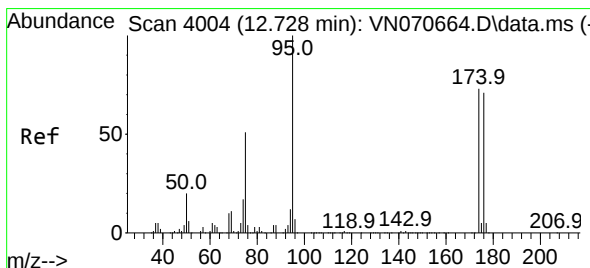
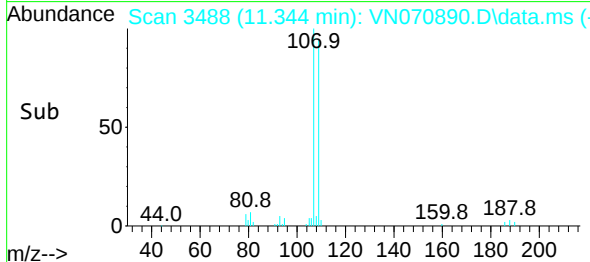
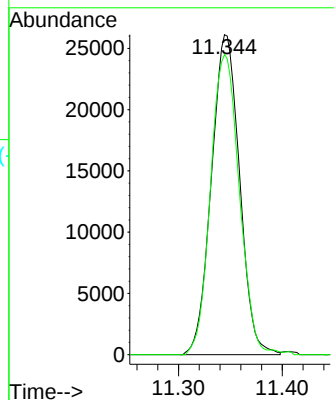
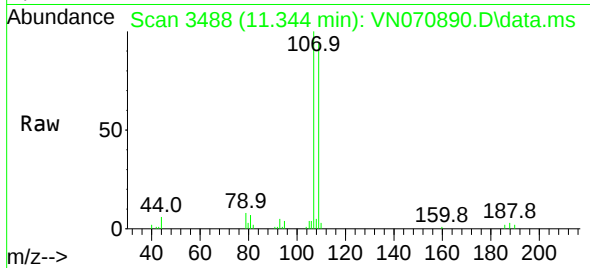




#61
1,2-Dibromoethane
Concen: 5.045 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

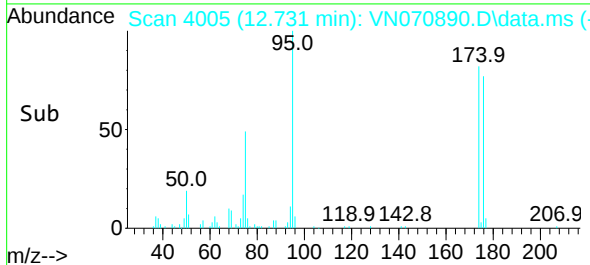
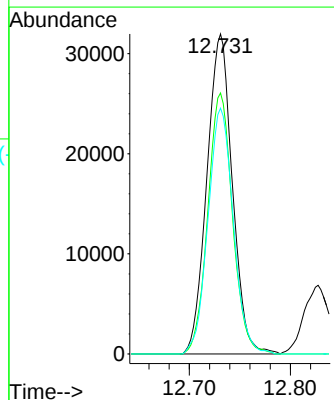
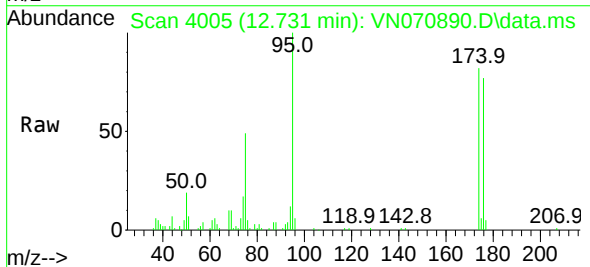
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

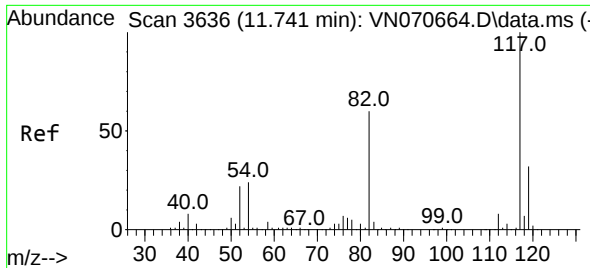
Tgt Ion:107 Resp: 49180
Ion Ratio Lower Upper
107 100
109 95.8 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 4.794 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 95 Resp: 55967
Ion Ratio Lower Upper
95 100
174 79.3 0.0 187.2
176 76.4 0.0 181.4

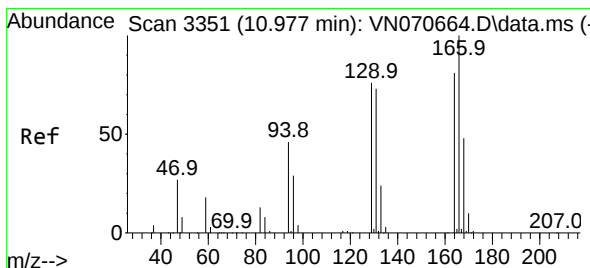
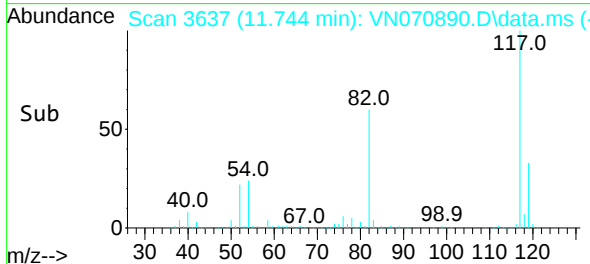
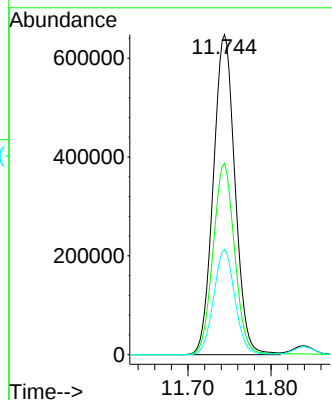
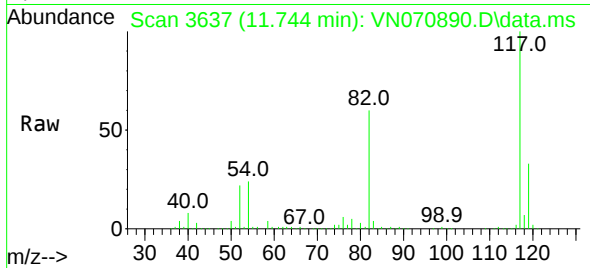




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

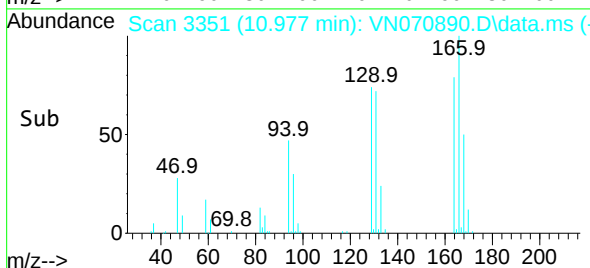
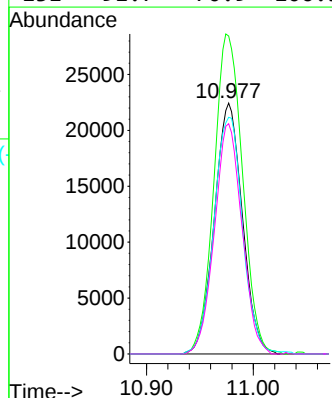
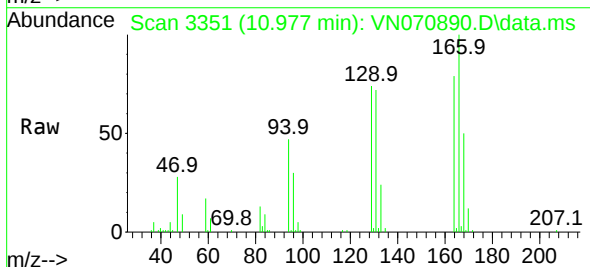
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

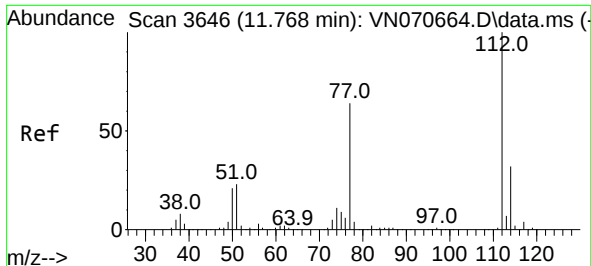
Tgt Ion:117 Resp: 1174581
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 5.315 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:164 Resp: 40861
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 94.3 72.0 108.0
131 91.7 70.9 106.3

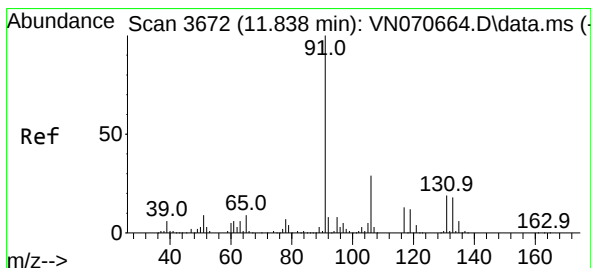
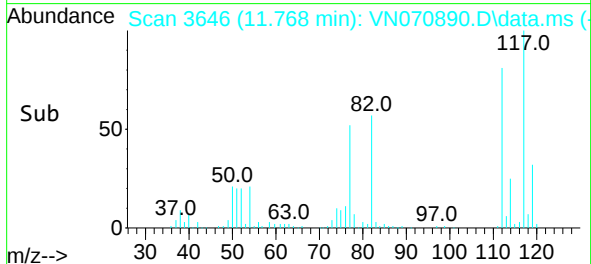
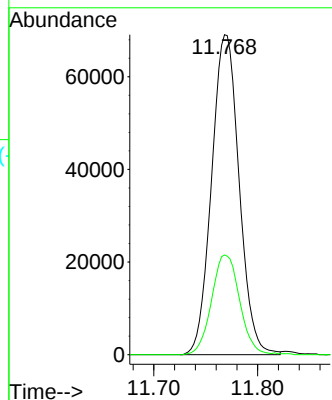
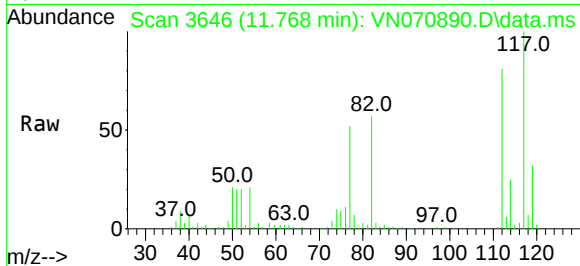




#65
Chlorobenzene
Concen: 5.178 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

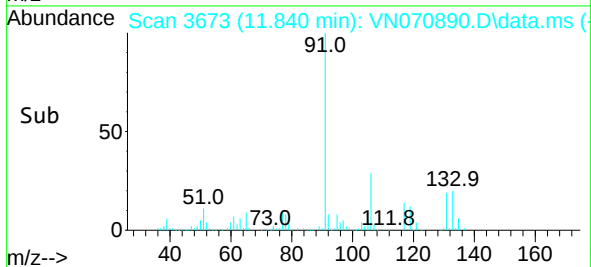
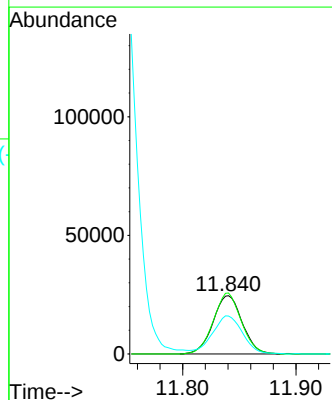
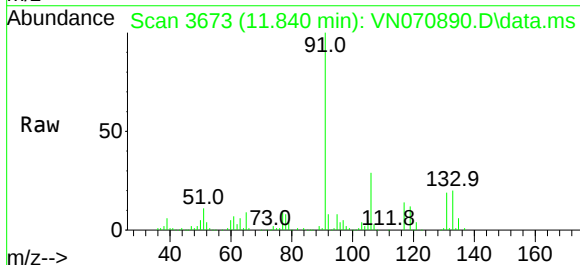
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

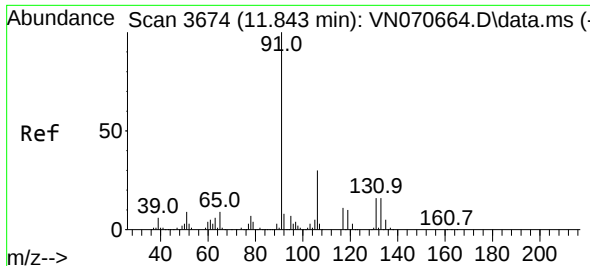
Tgt Ion:112 Resp: 127289
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.113 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:131 Resp: 43871
Ion Ratio Lower Upper
131 100
133 100.7 47.9 143.7
119 68.0 32.1 96.5

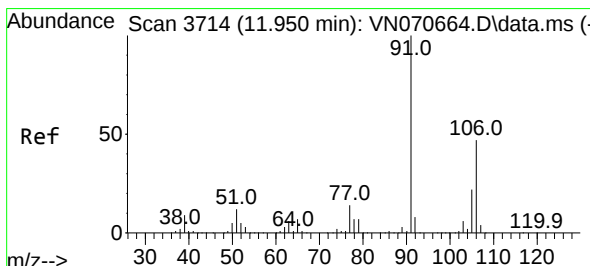
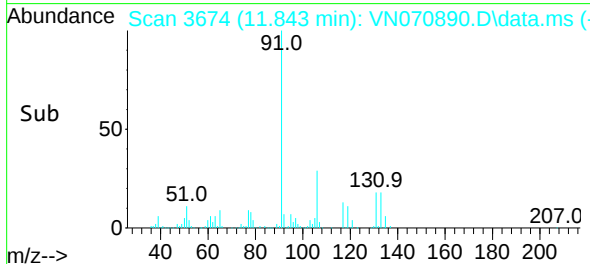
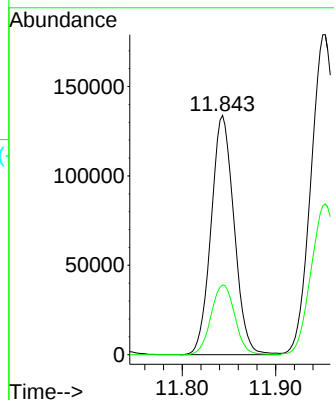
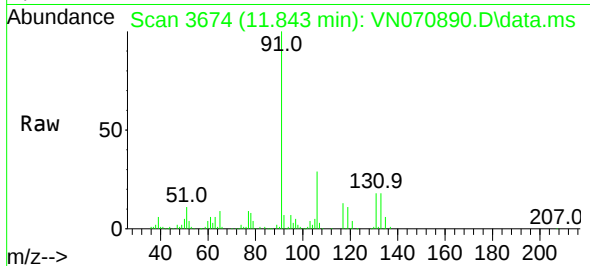




#67
Ethyl Benzene
Concen: 5.110 ug/l
RT: 11.843 min Scan# 307
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

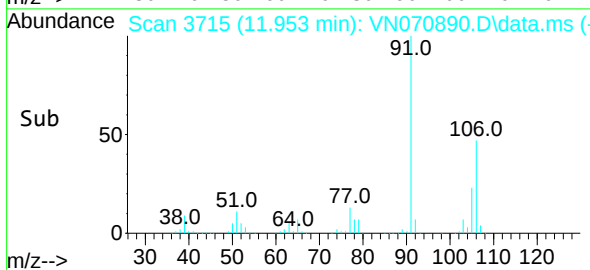
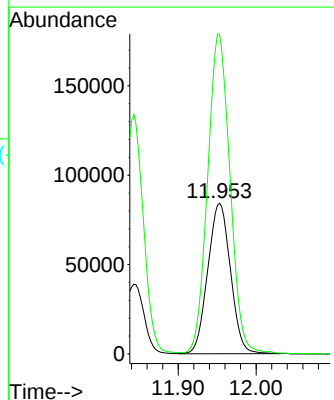
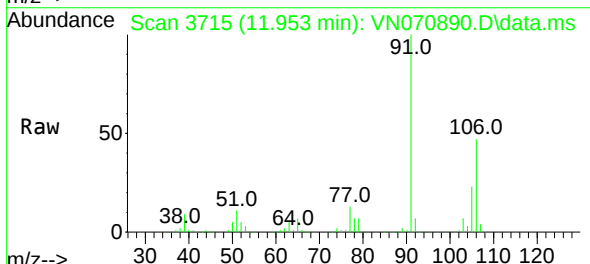
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 229017
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5



#68
m/p-Xylenes
Concen: 10.275 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 106 Resp: 170613
Ion Ratio Lower Upper
106 100
91 209.6 160.6 240.8

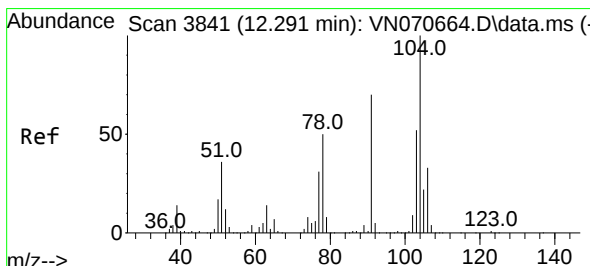
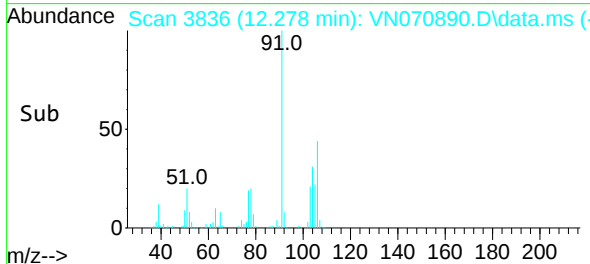
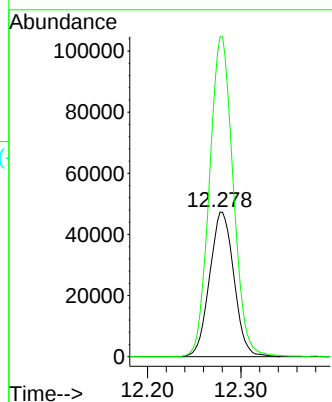
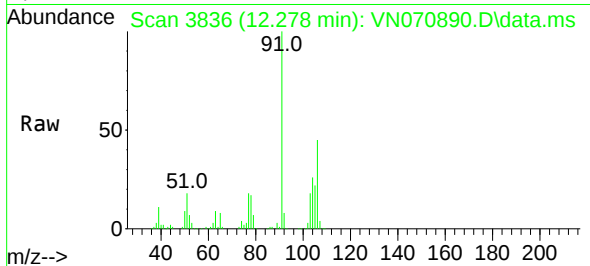




#69
o-Xylene
Concen: 5.137 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

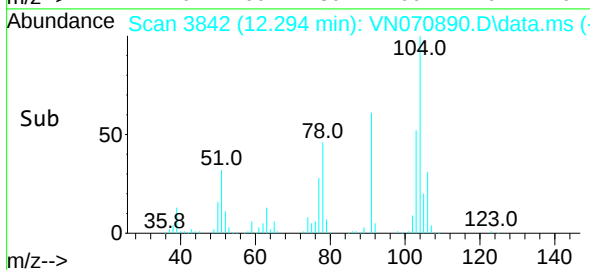
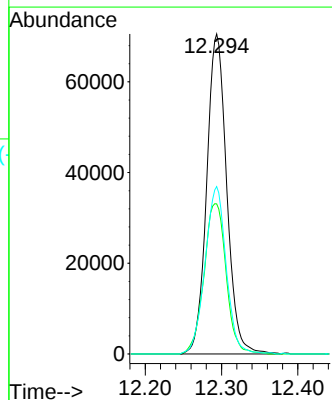
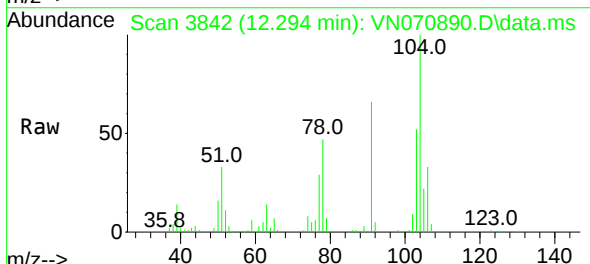
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

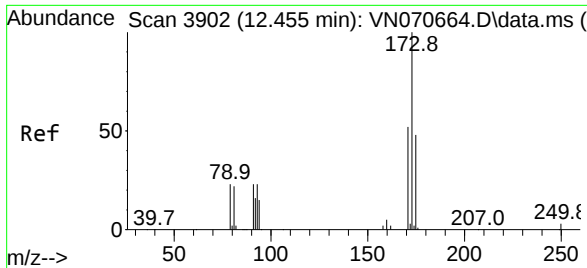
Tgt Ion:106 Resp: 85376
Ion Ratio Lower Upper
106 100
91 217.1 105.8 317.3



#70
Styrene
Concen: 4.908 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:104 Resp: 128545
Ion Ratio Lower Upper
104 100
78 52.0 38.7 58.1
103 55.3 45.0 67.6

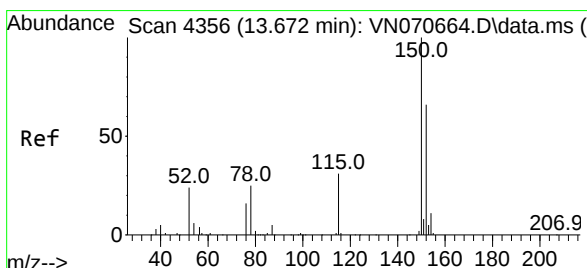
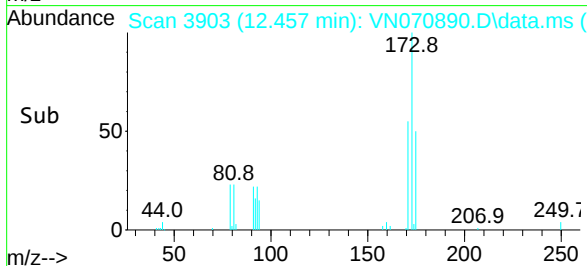
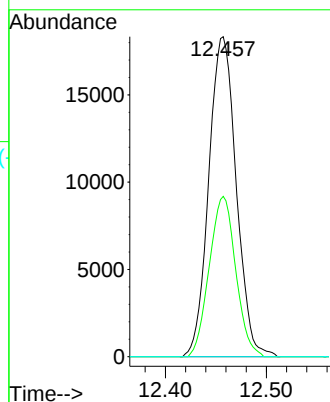
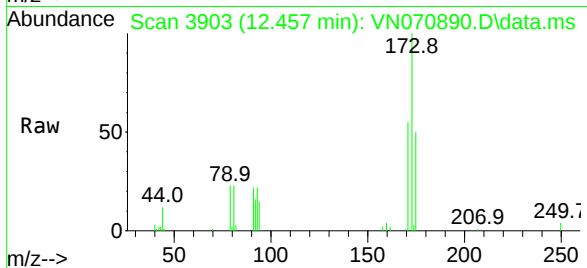




#71
Bromoform
Concen: 4.888 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

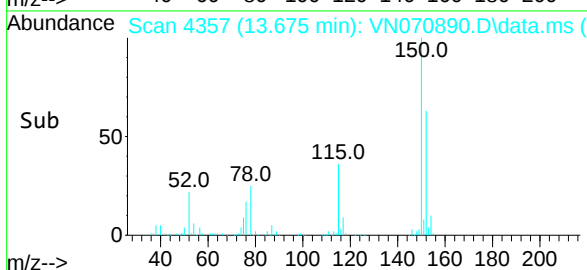
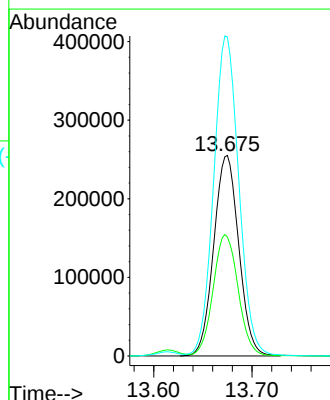
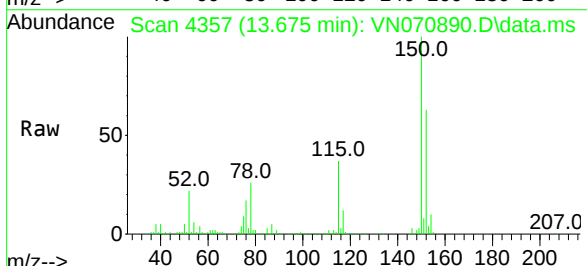
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

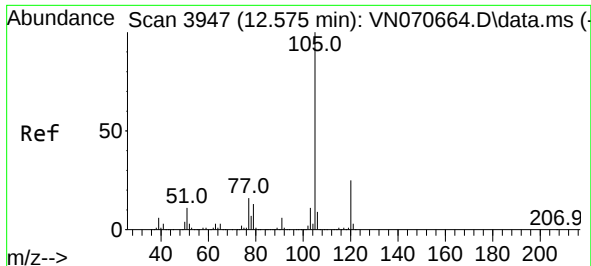
Tgt Ion:173 Resp: 34632
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:152 Resp: 451813
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 160.8 0.0 344.4

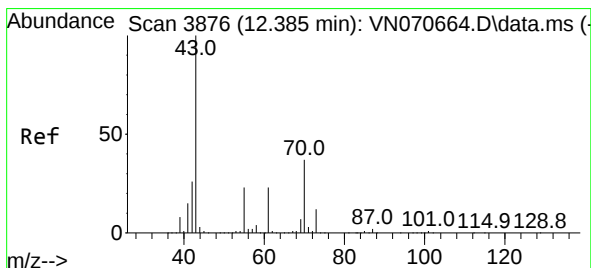
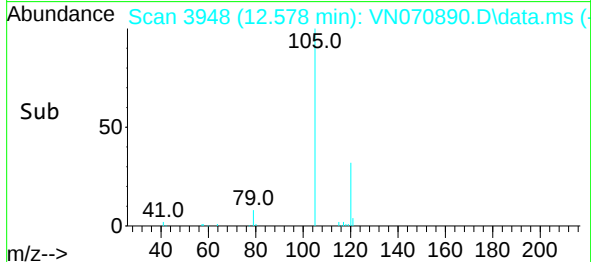
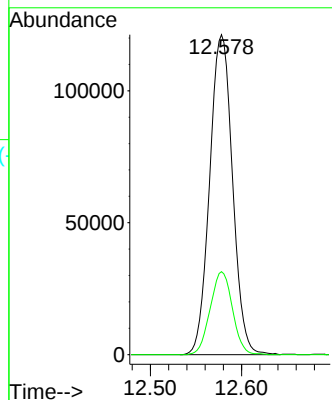
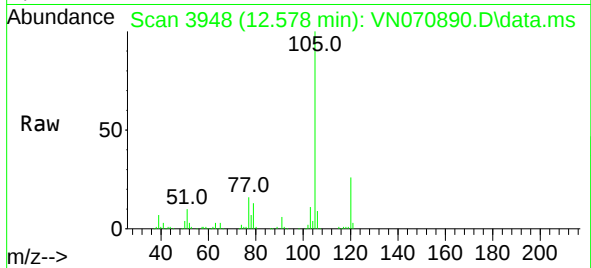




#73
Isopropylbenzene
Concen: 5.356 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

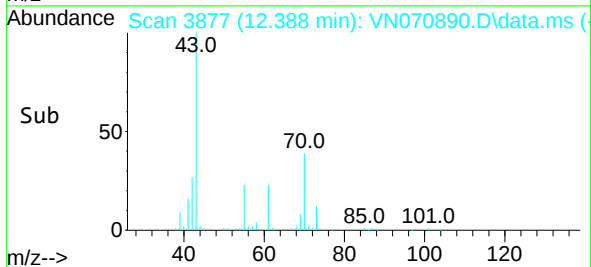
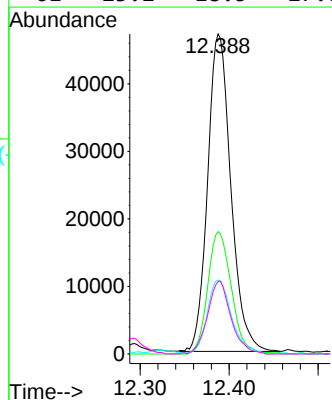
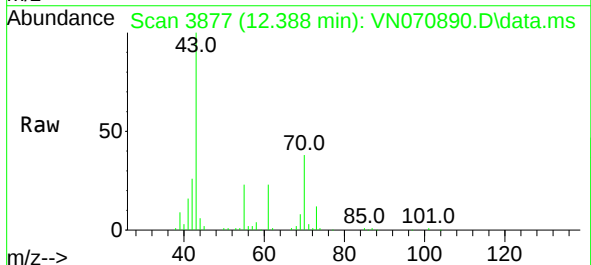
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

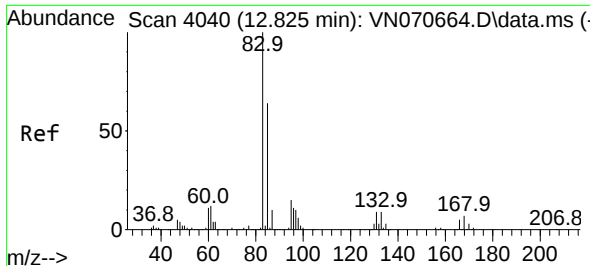
Tgt Ion:105 Resp: 211130
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1



#74
N-amy1 acetate
Concen: 4.824 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 43 Resp: 85172
Ion Ratio Lower Upper
43 100
70 39.2 33.4 50.0
55 24.4 19.3 28.9
61 23.2 18.5 27.7

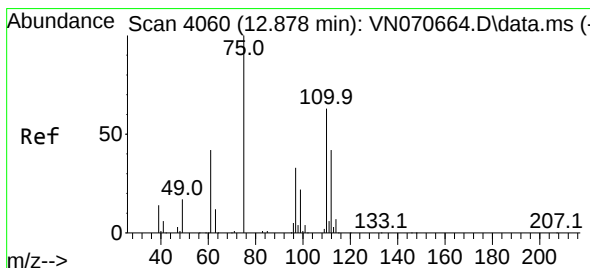
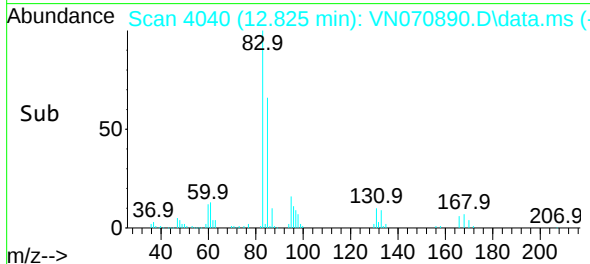
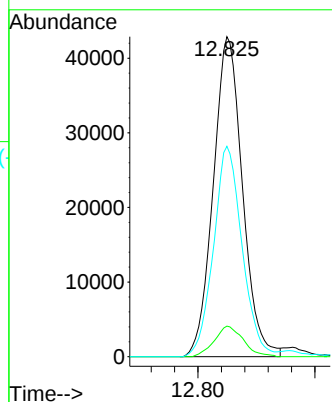
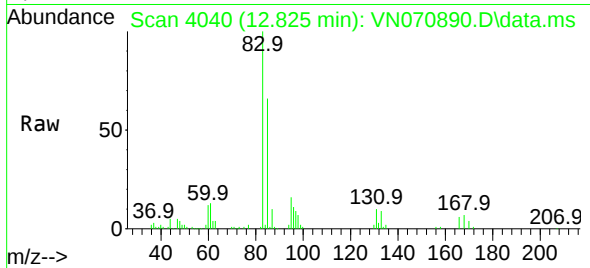




#75
1,1,2,2-Tetrachloroethane
Concen: 5.447 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

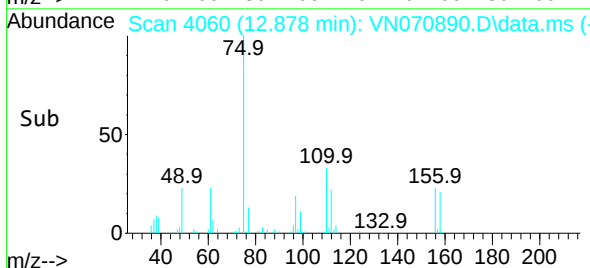
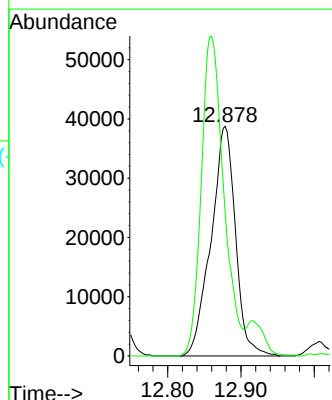
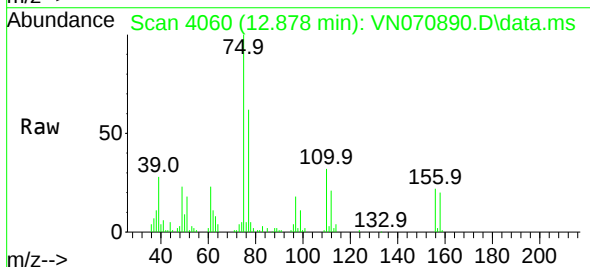
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

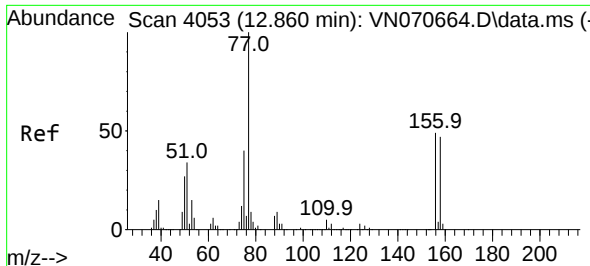
Tgt Ion: 83 Resp: 74380
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 64.3 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 8.279 ug/l
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 75 Resp: 90031
Ion Ratio Lower Upper
75 100
77 128.4 82.6 247.8

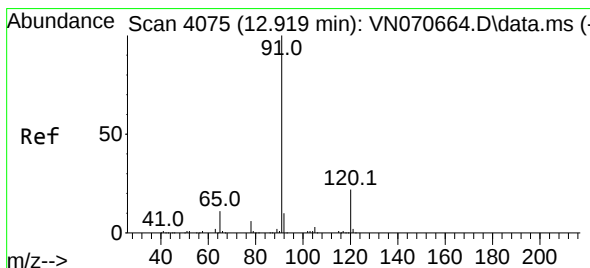
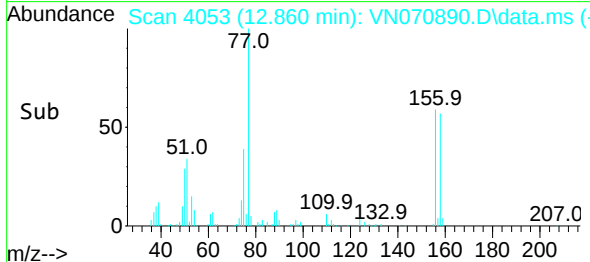
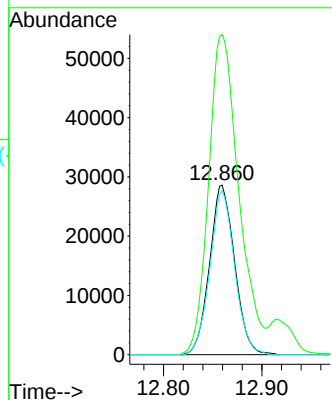
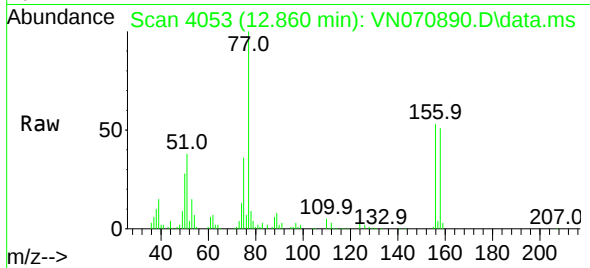




#77
Bromobenzene
Concen: 5.372 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

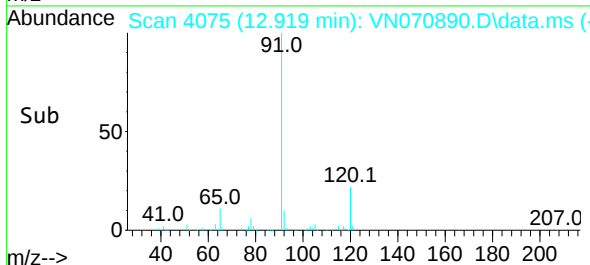
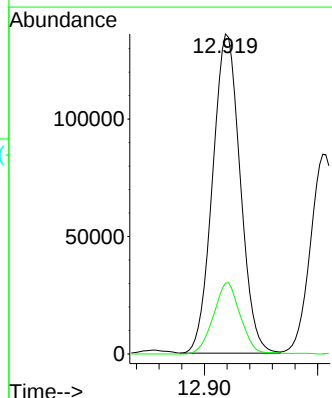
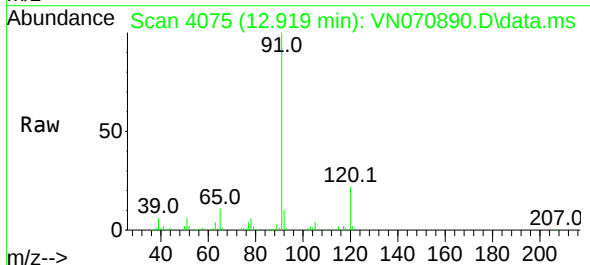
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

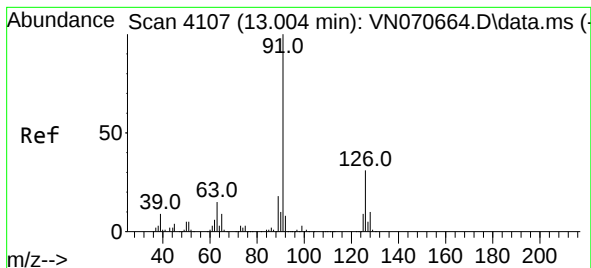
Tgt Ion:156 Resp: 50763
Ion Ratio Lower Upper
156 100
77 227.7 90.6 271.8
158 95.0 48.9 146.7



#78
n-propylbenzene
Concen: 5.112 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 91 Resp: 229817
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 5.279 ug/l

RT: 13.004 min Scan# 4107

Delta R.T. -0.003 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

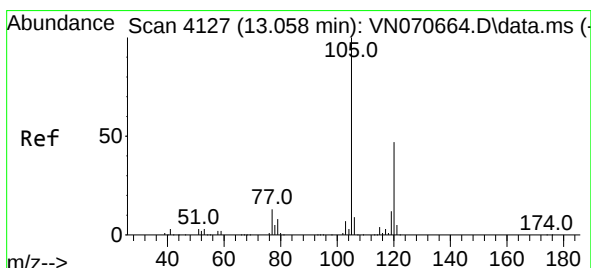
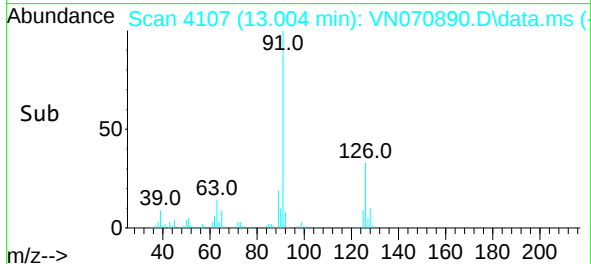
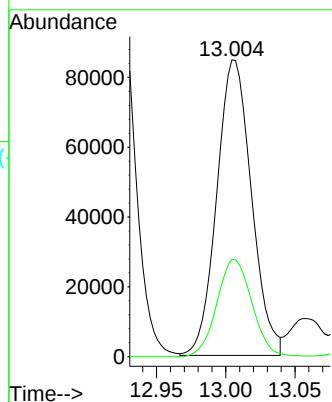
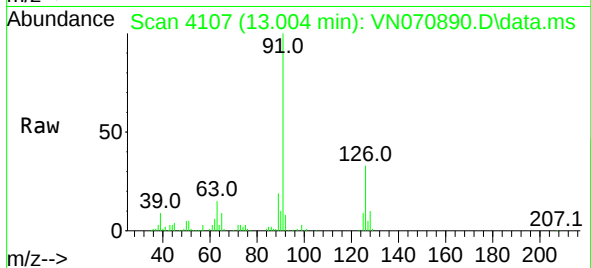
VSTDIC005

Tgt Ion: 91 Resp: 147572

Ion Ratio Lower Upper

91 100

126 33.3 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 5.266 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. 0.000 min

Lab File: VN070890.D

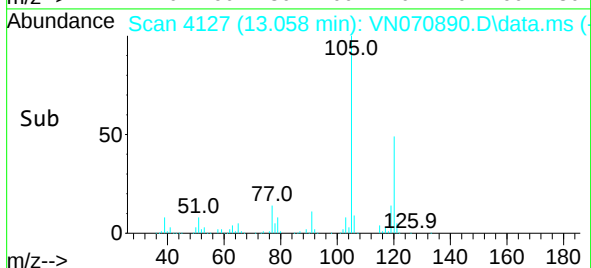
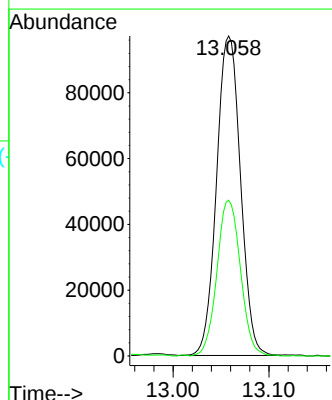
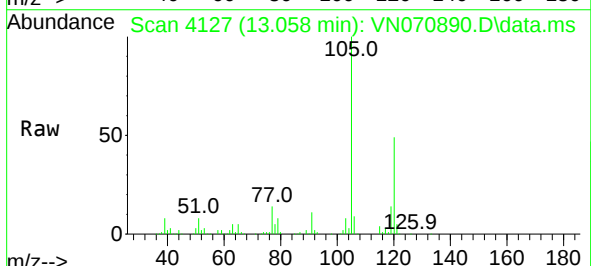
Acq: 2 Feb 2022 13:21

Tgt Ion:105 Resp: 168289

Ion Ratio Lower Upper

105 100

120 48.0 24.6 73.6

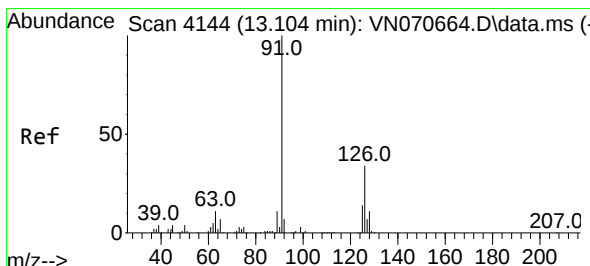
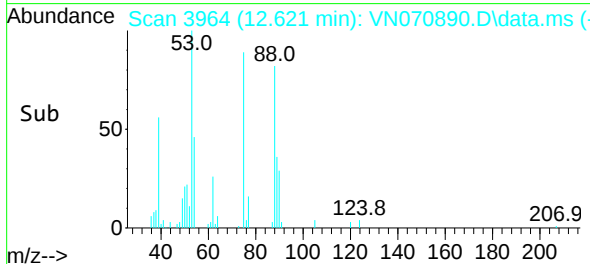
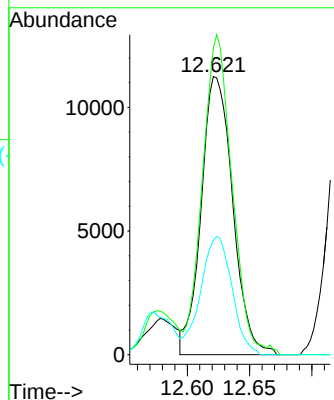
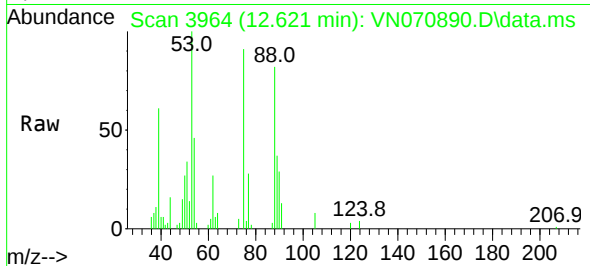




#81
trans-1,4-Dichloro-2-butene
Concen: 4.938 ug/l
RT: 12.621 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

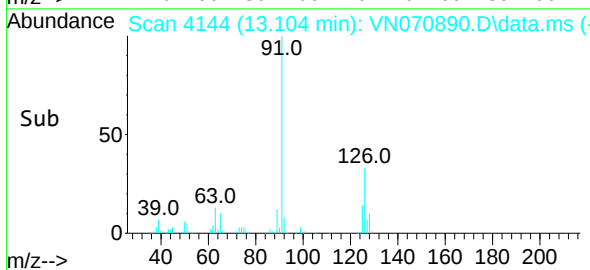
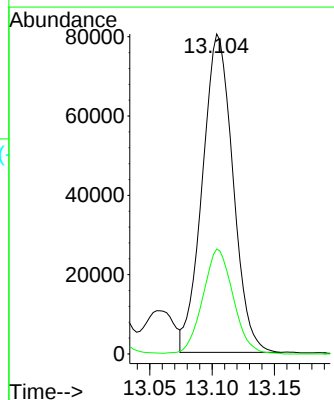
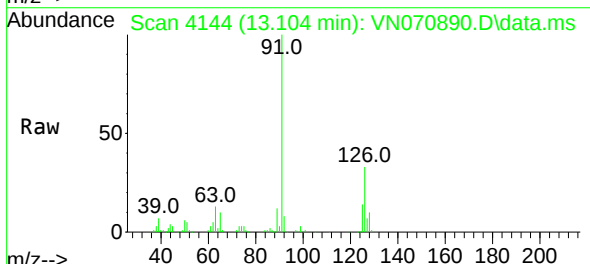
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

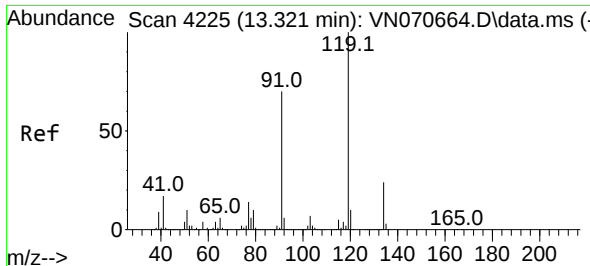
Tgt Ion: 75 Resp: 19813
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 42.4 38.2 57.4



#82
4-Chlorotoluene
Concen: 5.082 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 91 Resp: 136931
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6

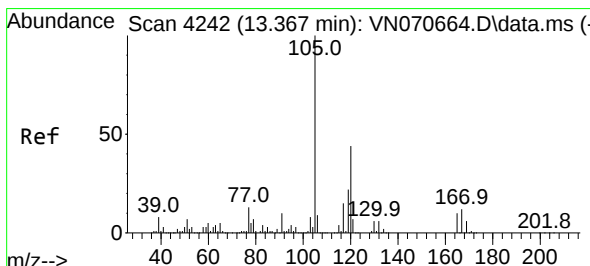
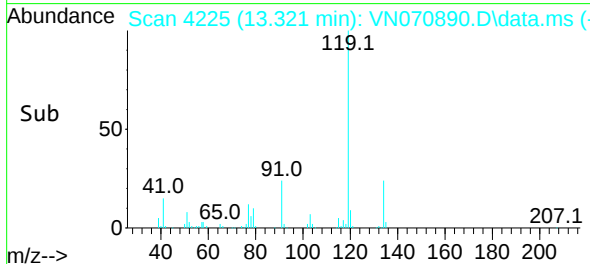
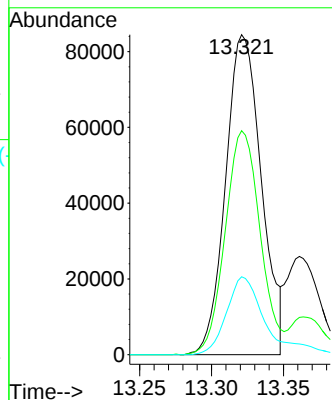
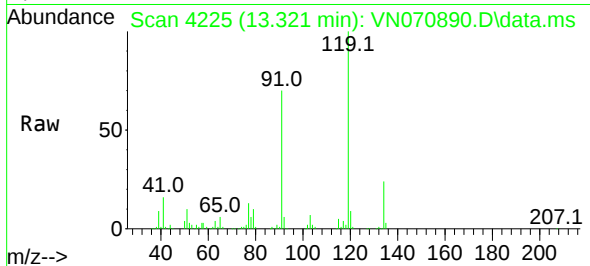




#83
tert-Butylbenzene
Concen: 5.255 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

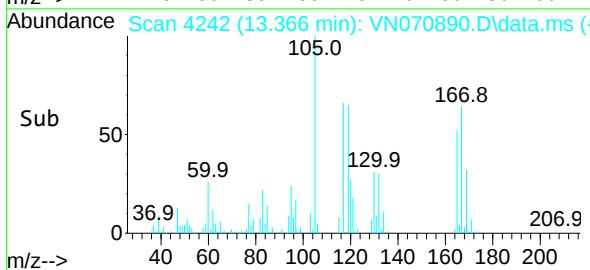
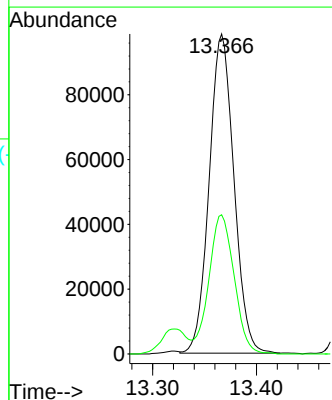
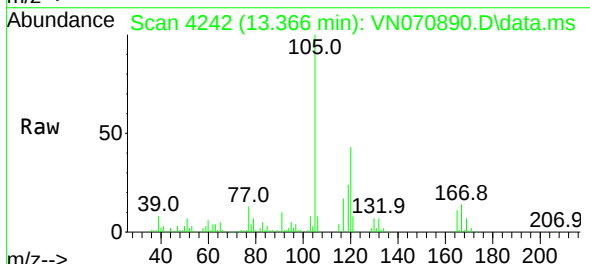
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

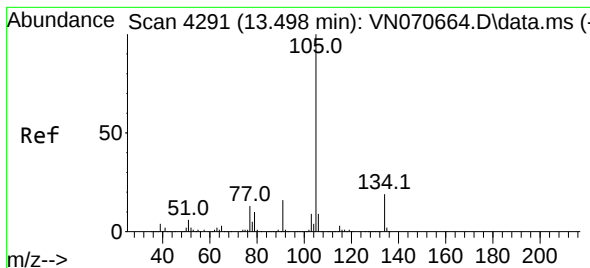
Tgt Ion:119 Resp: 146450
Ion Ratio Lower Upper
119 100
91 68.6 31.5 94.5
134 26.5 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 5.220 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:105 Resp: 163121
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 5.143 ug/l

RT: 13.501 min Scan# 4291

Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

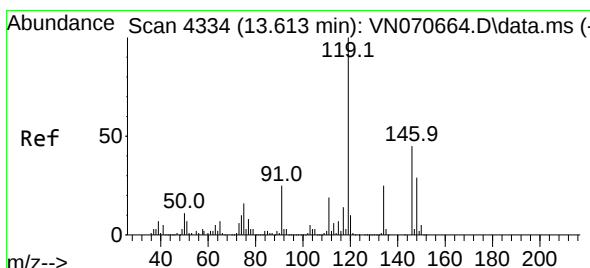
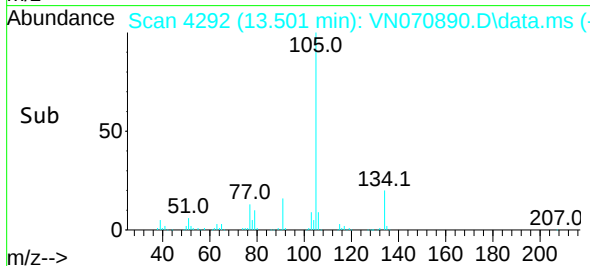
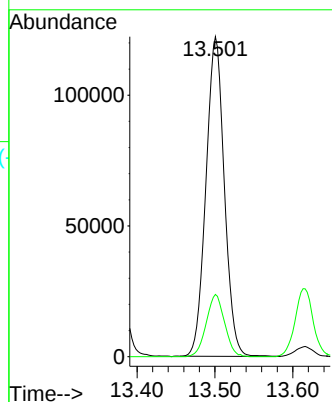
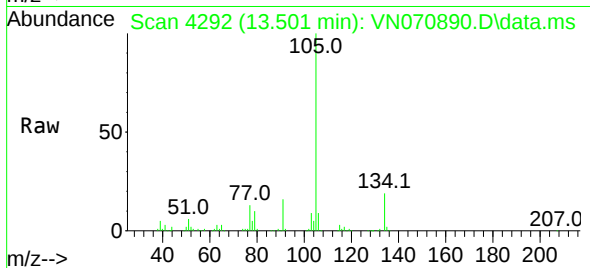
VSTDIC005

Tgt Ion:105 Resp: 200549

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 5.144 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

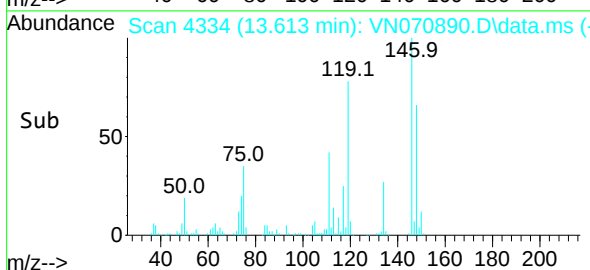
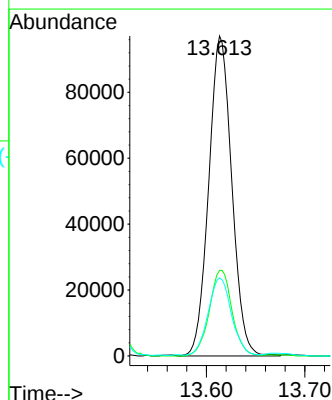
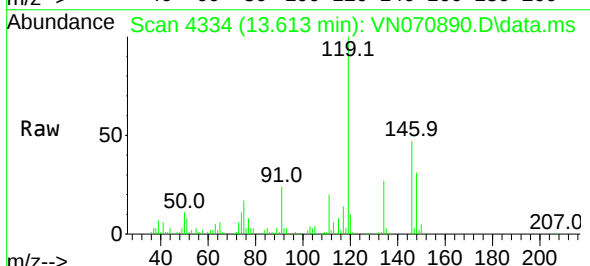
Tgt Ion:119 Resp: 158173

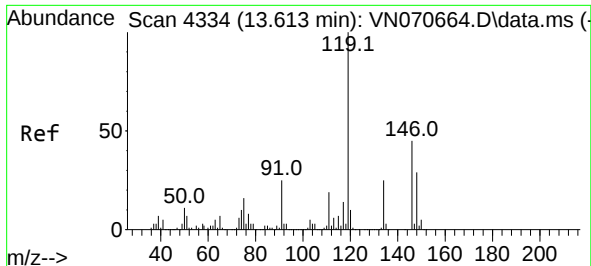
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 24.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 5.078 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

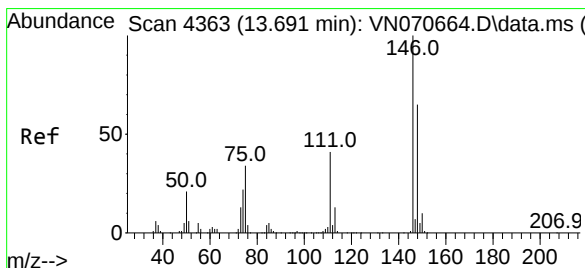
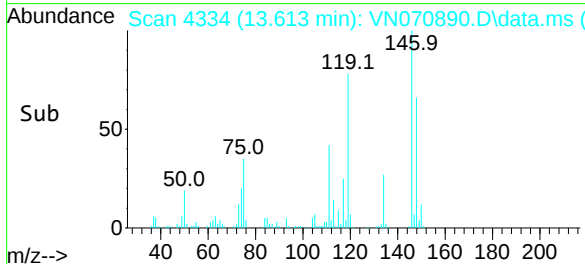
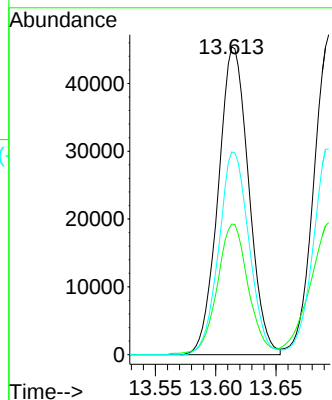
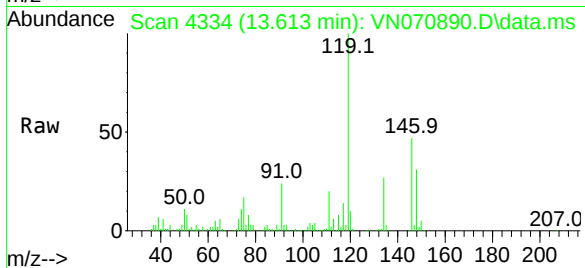
Tgt Ion:146 Resp: 79831

Ion Ratio Lower Upper

146 100

111 43.2 18.6 55.6

148 65.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 5.177 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.000 min

Lab File: VN070890.D

Acq: 2 Feb 2022 13:21

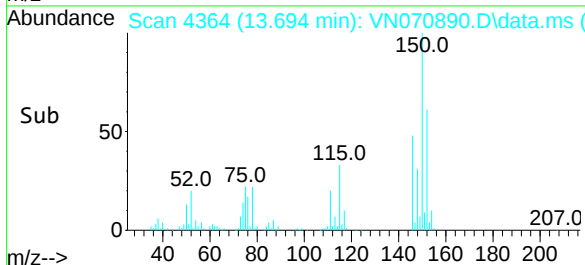
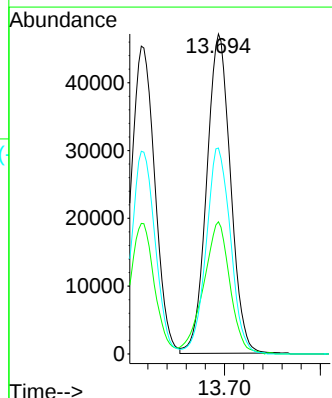
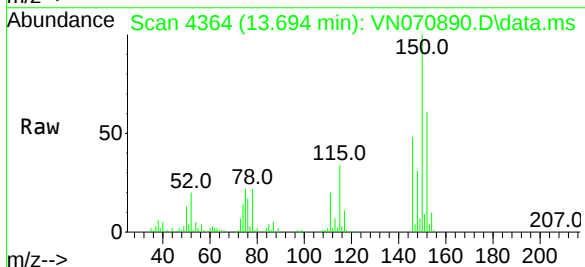
Tgt Ion:146 Resp: 81406

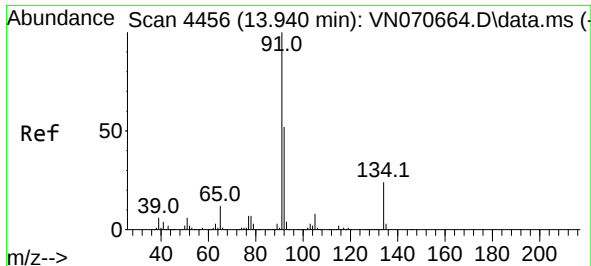
Ion Ratio Lower Upper

146 100

111 46.0 18.3 54.8

148 66.2 31.8 95.4

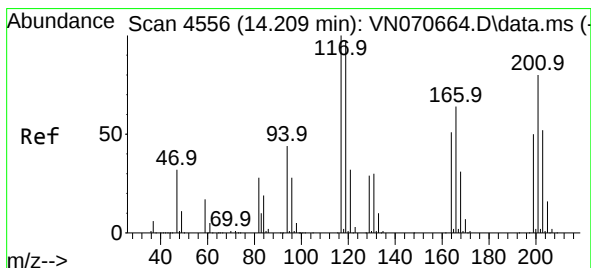
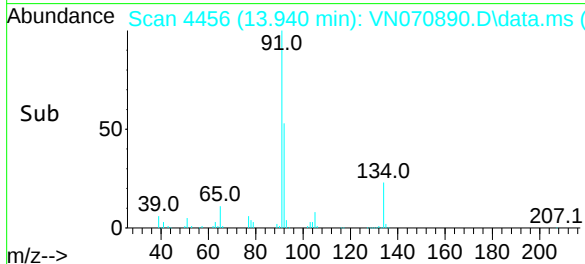
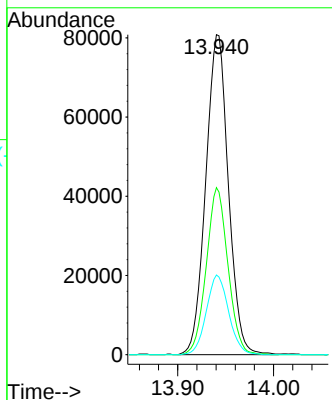
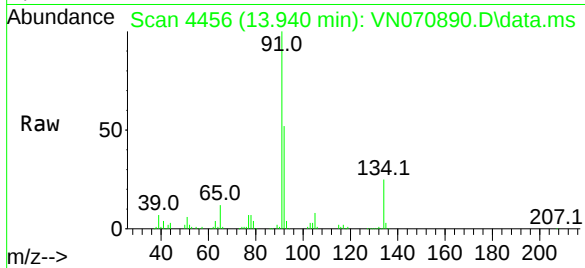




#89
n-Butylbenzene
Concen: 4.893 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.001 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

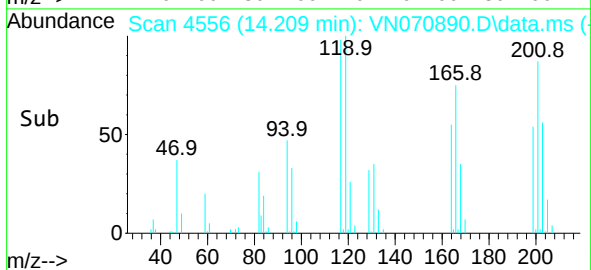
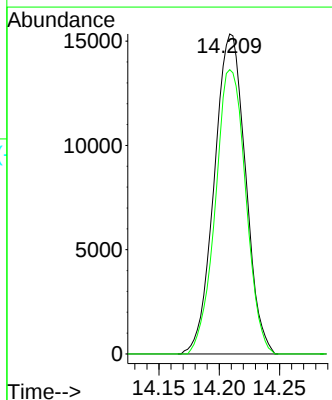
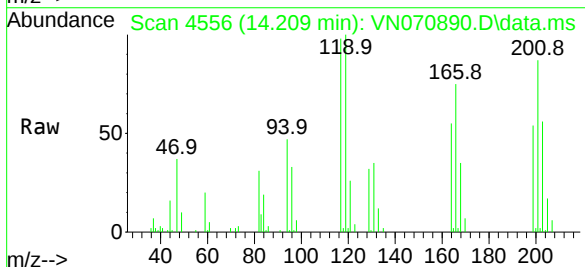
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

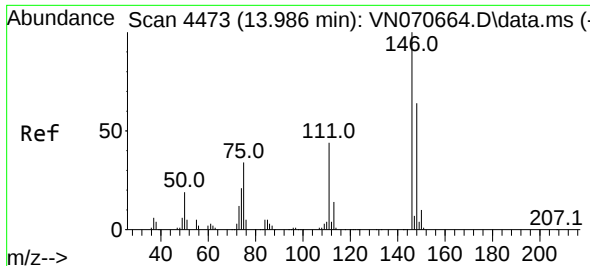
Tgt Ion: 91 Resp: 132590
Ion Ratio Lower Upper
91 100
92 49.9 25.4 76.0
134 24.6 13.6 40.8



#90
Hexachloroethane
Concen: 5.069 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 117 Resp: 27623
Ion Ratio Lower Upper
117 100
201 86.6 43.9 131.6

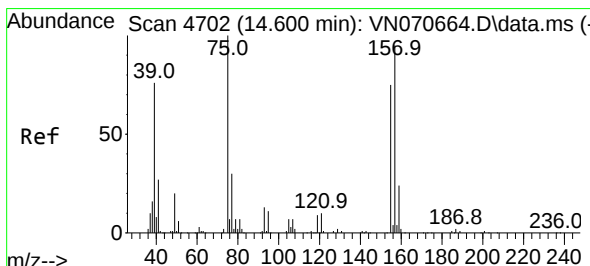
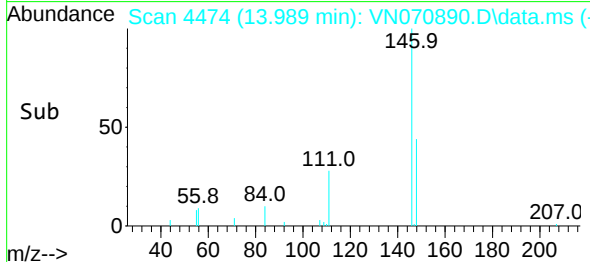
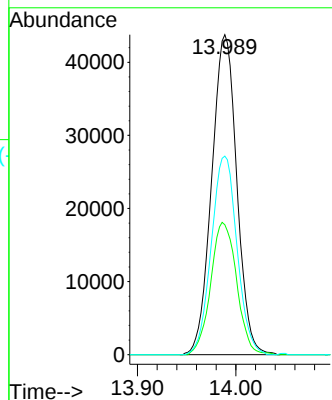
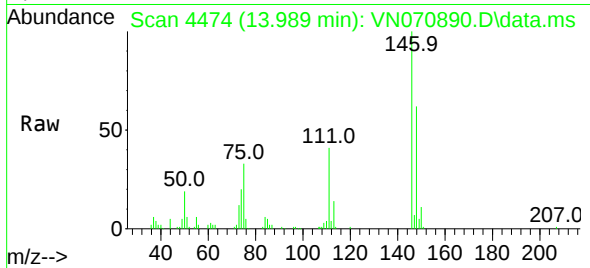




#91
1,2-Dichlorobenzene
Concen: 5.154 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

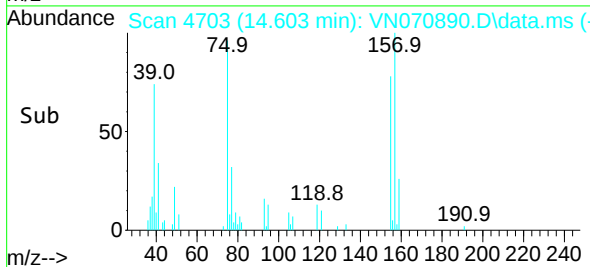
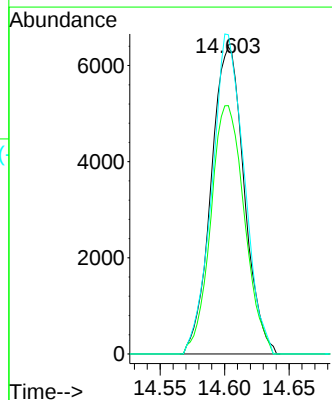
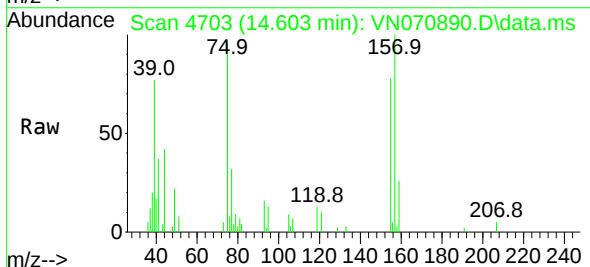
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

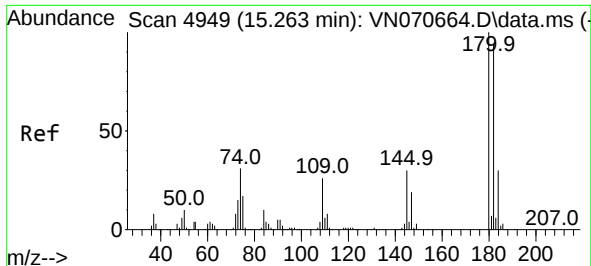
Tgt Ion:146 Resp: 77732
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.612 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion: 75 Resp: 11411
Ion Ratio Lower Upper
75 100
155 82.2 46.9 140.7
157 101.1 60.6 181.7

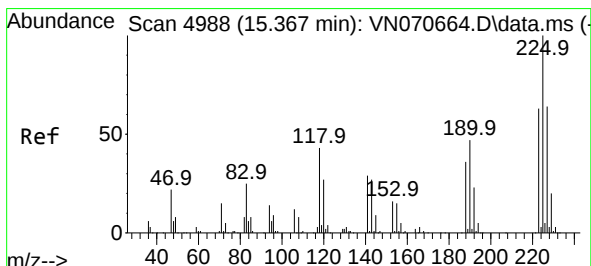
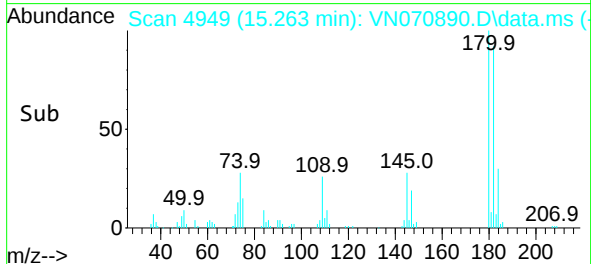
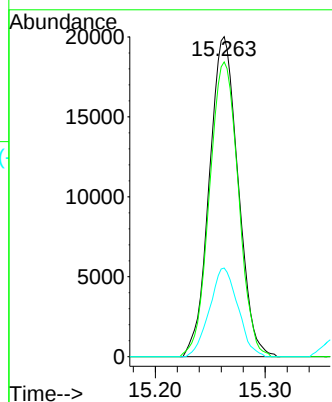
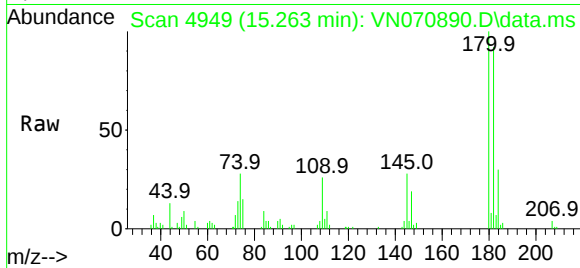




#93
 1,2,4-Trichlorobenzene
 Concen: 4.356 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

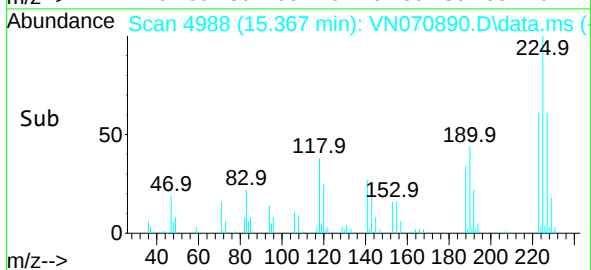
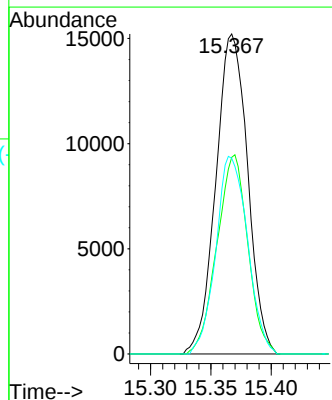
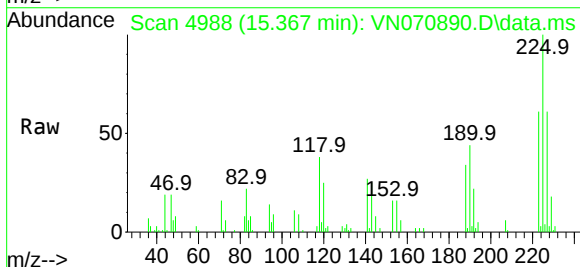
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

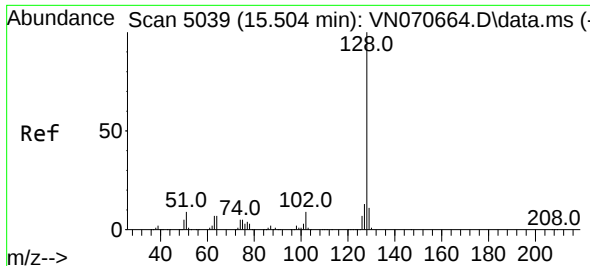
Tgt Ion:180 Resp: 36355
 Ion Ratio Lower Upper
 180 100
 182 92.6 48.3 144.9
 145 27.3 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 5.540 ug/l
 RT: 15.367 min Scan# 4988
 Delta R.T. 0.000 min
 Lab File: VN070890.D
 Acq: 2 Feb 2022 13:21

Tgt Ion:225 Resp: 27903
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.9 95.7
 227 61.4 32.1 96.3

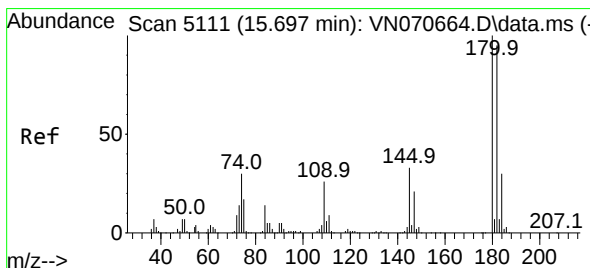
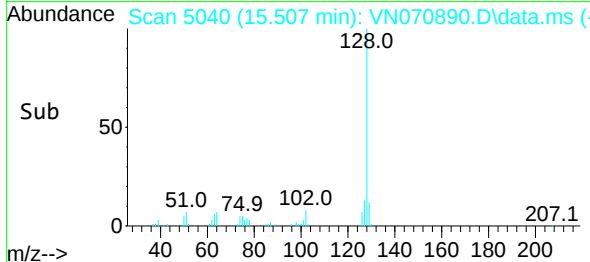
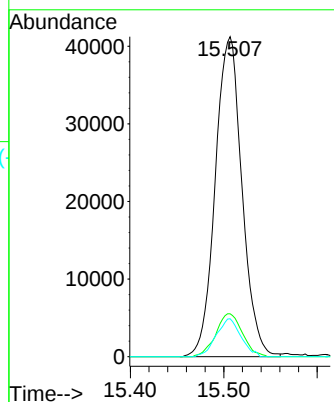
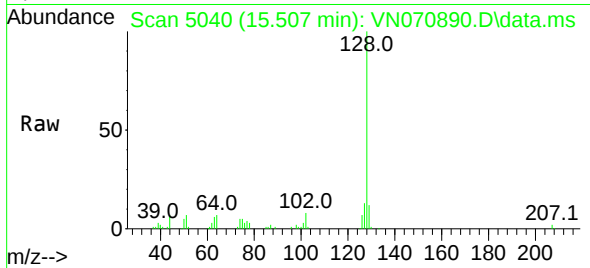




#95
Naphthalene
Concen: 6.759 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 81970
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.847 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070890.D
Acq: 2 Feb 2022 13:21

Tgt Ion:180 Resp: 34158
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 32.8 15.0 45.1

