

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070948.D
 Acq On : 15 Feb 2022 13:36
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 16 08:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	754641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1166386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1061167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	480012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	159219	18.470	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	36.940%#
35) Dibromofluoromethane	8.016	113	133535	19.248	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	38.500%#
50) Toluene-d8	10.433	98	523691	18.796	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	37.600%#
62) 4-Bromofluorobenzene	12.721	95	178509	17.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	35.840%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	150112	19.152	ug/l	100
3) Chloromethane	2.299	50	187786	19.061	ug/l	97
4) Vinyl Chloride	2.446	62	186734	18.934	ug/l	99
5) Bromomethane	2.857	94	116044	20.713	ug/l	97
6) Chloroethane	3.022	64	117382	18.142	ug/l	93
7) Trichlorofluoromethane	3.375	101	234050	18.937	ug/l	95
8) Diethyl Ether	3.822	74	101840	18.955	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	145559	19.196	ug/l	96
10) Methyl Iodide	4.416	142	201569	19.193	ug/l	97
11) Tert butyl alcohol	5.369	59	144635	92.065	ug/l	99
12) 1,1-Dichloroethene	4.181	96	140010	18.951	ug/l	94
13) Acrolein	4.034	56	121579	86.606	ug/l	99
14) Allyl chloride	4.828	41	263155	18.677	ug/l	88
15) Acrylonitrile	5.545	53	449930	97.230	ug/l	99
16) Acetone	4.281	43	499440	105.202	ug/l	94
17) Carbon Disulfide	4.522	76	396013	18.692	ug/l	98
18) Methyl Acetate	4.846	43	202839	19.141	ug/l	99
19) Methyl tert-butyl Ether	5.604	73	509357	19.654	ug/l	96
20) Methylene Chloride	5.087	84	163204	18.916	ug/l	95
21) trans-1,2-Dichloroethene	5.587	96	152866	19.278	ug/l	91
22) Diisopropyl ether	6.487	45	539740	19.973	ug/l	94
23) Vinyl Acetate	6.428	43	2242002	98.007	ug/l	99
24) 1,1-Dichloroethane	6.381	63	294636	19.449	ug/l	99
25) 2-Butanone	7.328	43	635476	100.622	ug/l	97
26) 2,2-Dichloropropane	7.316	77	246513	19.580	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	178980	19.638	ug/l	95
28) Bromochloromethane	7.651	49	119653	19.515	ug/l	91
29) Tetrahydrofuran	7.681	42	405012	98.994	ug/l	96
30) Chloroform	7.810	83	287520	19.297	ug/l	97
31) Cyclohexane	8.086	56	292063	19.590	ug/l	98
32) 1,1,1-Trichloroethane	8.004	97	253825	19.727	ug/l	98
36) 1,1-Dichloropropene	8.216	75	222315	19.559	ug/l	98
37) Ethyl Acetate	7.404	43	239734	19.667	ug/l	99
38) Carbon Tetrachloride	8.198	117	219444	19.595	ug/l	97
39) Methylcyclohexane	9.451	83	281142	19.223	ug/l	97
40) Benzene	8.457	78	664220	19.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	131739	20.520	ug/l #	86
42) 1,2-Dichloroethane	8.522	62	223627	19.530	ug/l	97
43) Isopropyl Acetate	8.551	43	377212	19.632	ug/l	99
44) Trichloroethene	9.204	130	174507	19.711	ug/l	99
45) 1,2-Dichloropropane	9.480	63	169643	19.698	ug/l	100
46) Dibromomethane	9.575	93	111392	19.654	ug/l	98
47) Bromodichloromethane	9.751	83	223965	19.552	ug/l	98
48) Methyl methacrylate	9.551	41	175171	19.261	ug/l #	88
49) 1,4-Dioxane	9.563	88	61248	379.171	ug/l #	87
51) 4-Methyl-2-Pentanone	10.322	43	1162029	99.401	ug/l	96
52) Toluene	10.498	92	420319	19.895	ug/l	96
53) t-1,3-Dichloropropene	10.710	75	240659	19.322	ug/l	97
54) cis-1,3-Dichloropropene	10.180	75	265722	19.426	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	158502	19.167	ug/l	100
56) Ethyl methacrylate	10.751	69	243726	19.561	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	282032	19.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	173638	86.482	ug/l	100
59) 2-Hexanone	11.080	43	806307	100.287	ug/l	96
60) Dibromochloromethane	11.233	129	168891	19.325	ug/l	100
61) 1,2-Dibromoethane	11.339	107	165914	19.725	ug/l	98
64) Tetrachloroethene	10.969	164	164853	19.948	ug/l	96
65) Chlorobenzene	11.763	112	441198	19.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	163589	19.626	ug/l	99
67) Ethyl Benzene	11.839	91	791760	19.783	ug/l	99
68) m/p-Xylenes	11.945	106	619023	40.043	ug/l	99
69) o-Xylene	12.274	106	301581	19.970	ug/l	100
70) Styrene	12.286	104	473084	19.702	ug/l	99
71) Bromoform	12.451	173	128551	19.365	ug/l #	100
73) Isopropylbenzene	12.569	105	773520	20.020	ug/l	99
74) N-amyl acetate	12.380	43	232953	18.862	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	243504	19.833	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	286038	25.309	ug/l #	1
77) Bromobenzene	12.851	156	187766	19.852	ug/l	92
78) n-propylbenzene	12.916	91	879420	20.258	ug/l	98
79) 2-Chlorotoluene	12.998	91	525408	19.930	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	632530	20.208	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	62773	17.998	ug/l	90
82) 4-Chlorotoluene	13.098	91	510968	19.967	ug/l	97
83) tert-Butylbenzene	13.316	119	579367	19.517	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	613852	19.922	ug/l	99
85) sec-Butylbenzene	13.492	105	791707	20.240	ug/l	99
86) p-Isopropyltoluene	13.610	119	650786	20.267	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	331693	19.810	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	319987	19.506	ug/l	97
89) n-Butylbenzene	13.939	91	507446	19.369	ug/l	97
90) Hexachloroethane	14.204	117	110023	19.186	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	307879	19.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37751	18.977	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	152283	18.542	ug/l	97
94) Hexachlorobutadiene	15.362	225	112997	19.708	ug/l	99
95) Naphthalene	15.498	128	279692	16.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	134252	18.165	ug/l	99

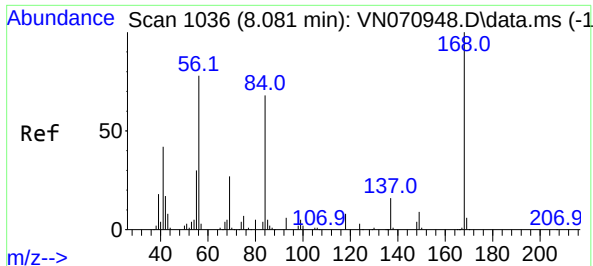
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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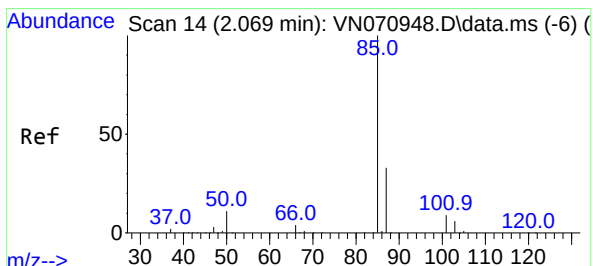
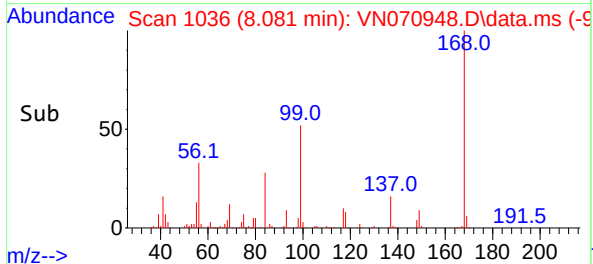
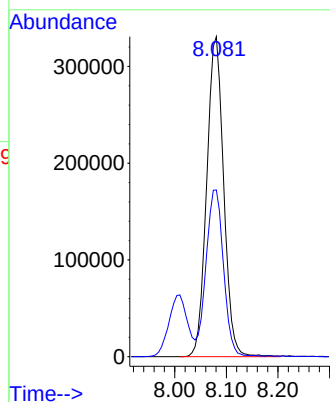
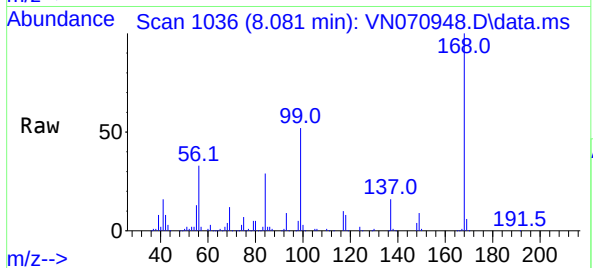
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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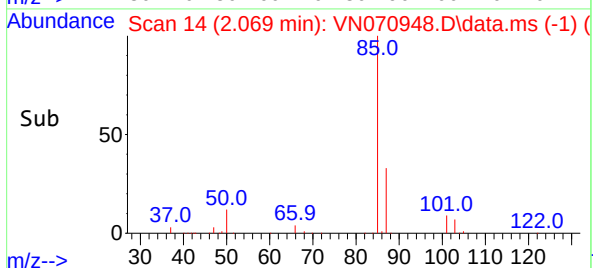
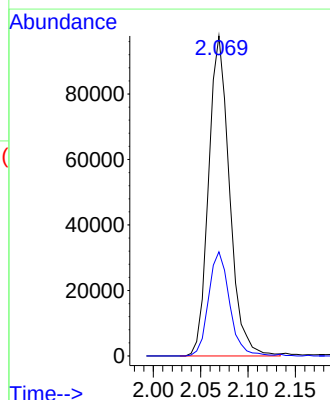
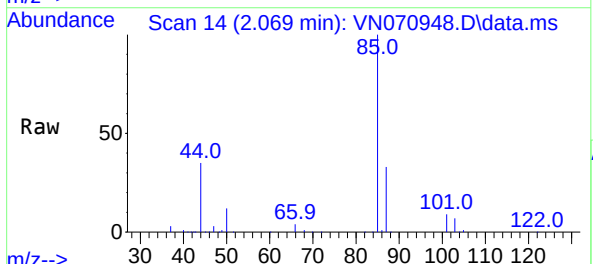
Instrument :
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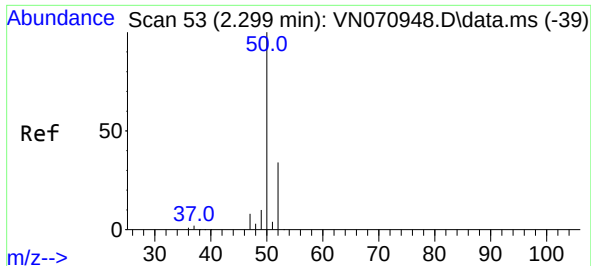
Tgt Ion:168 Resp: 754641
Ion Ratio Lower Upper
168 100
99 52.0 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 19.152 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 85 Resp: 150112
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9

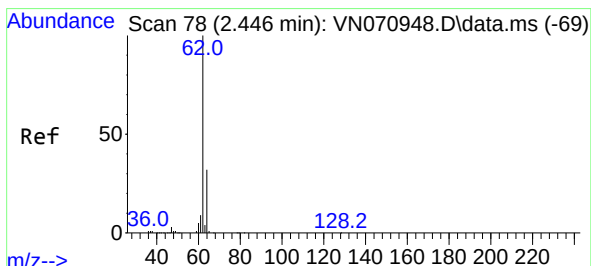
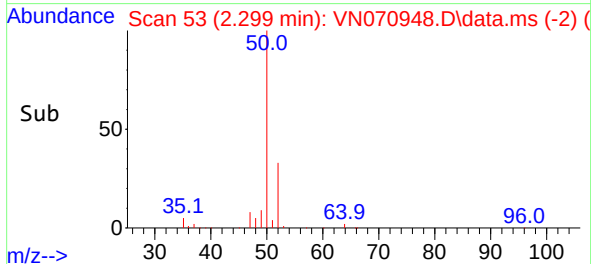
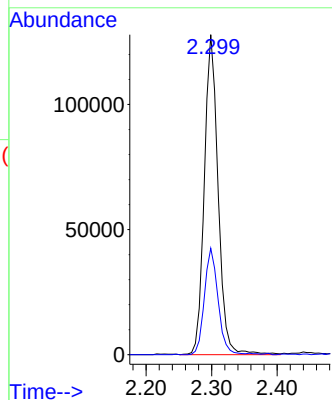
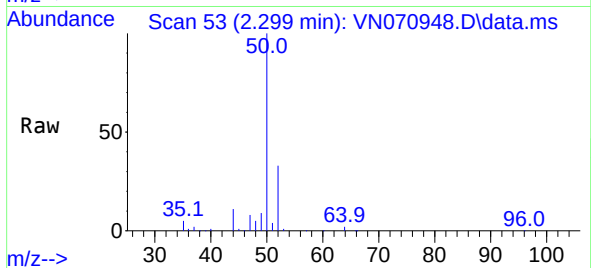




#3
Chloromethane
Concen: 19.061 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

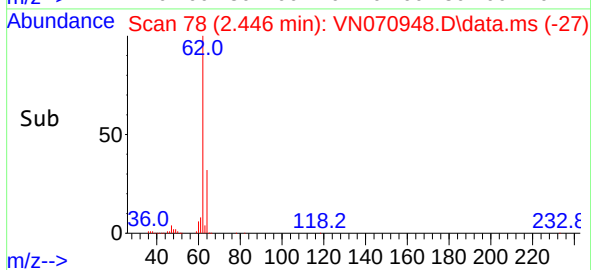
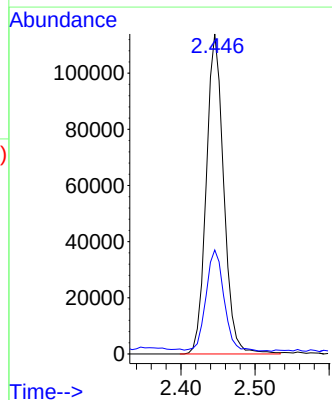
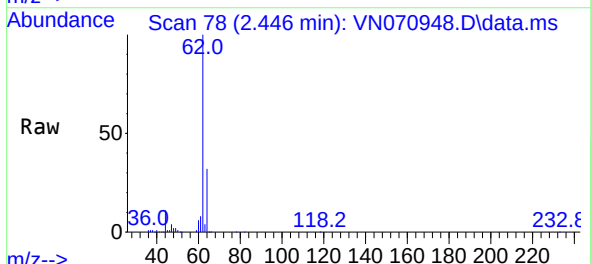
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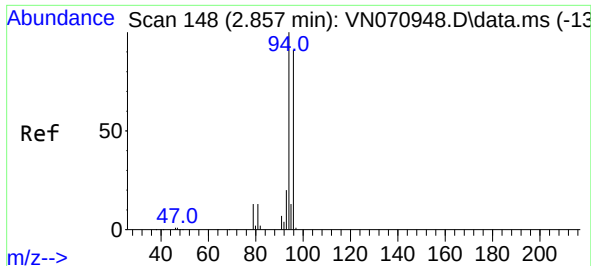
Tgt Ion: 50 Resp: 187786
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0



#4
Vinyl Chloride
Concen: 18.934 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 62 Resp: 186734
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6

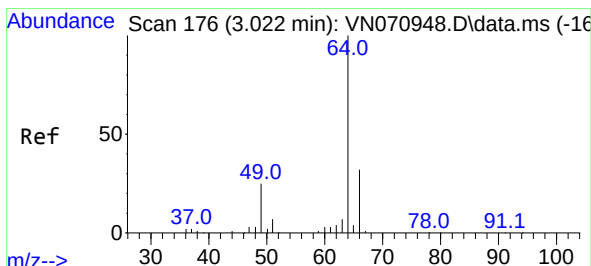
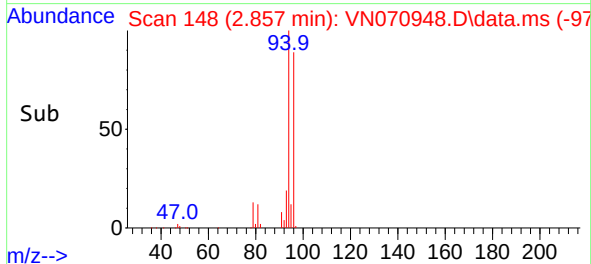
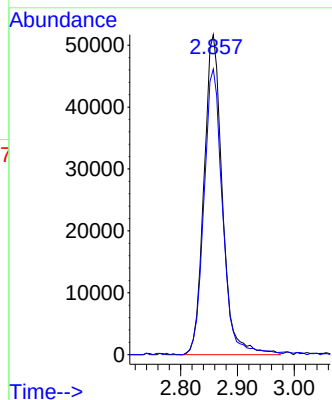
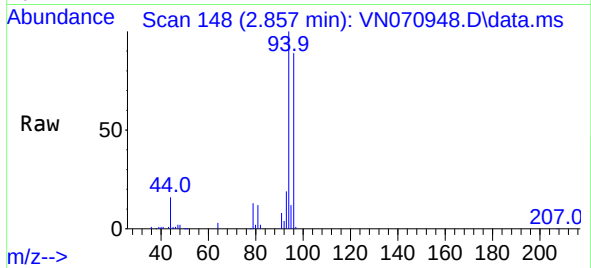




#5
Bromomethane
Concen: 20.713 ug/l
RT: 2.857 min Scan# 148
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

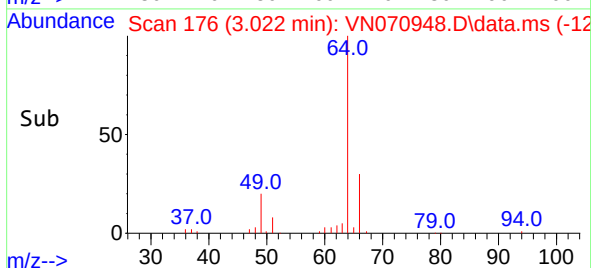
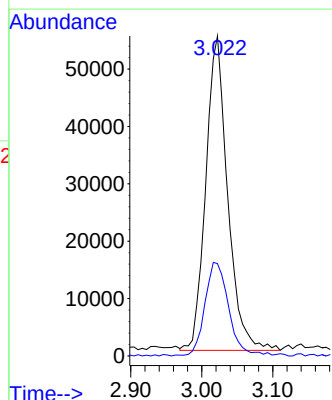
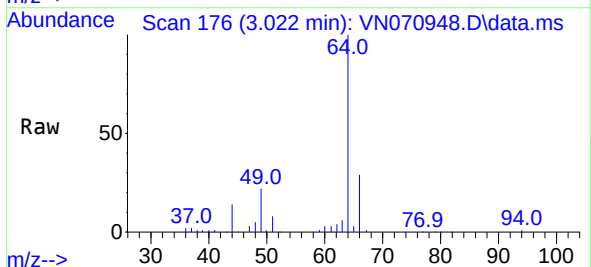
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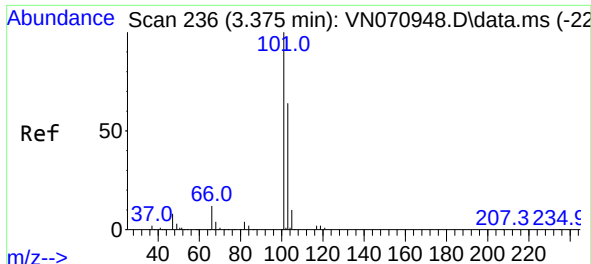
Tgt Ion: 94 Resp: 116044
Ion Ratio Lower Upper
94 100
96 89.2 73.8 110.8



#6
Chloroethane
Concen: 18.142 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 64 Resp: 117382
Ion Ratio Lower Upper
64 100
66 29.1 26.3 39.5

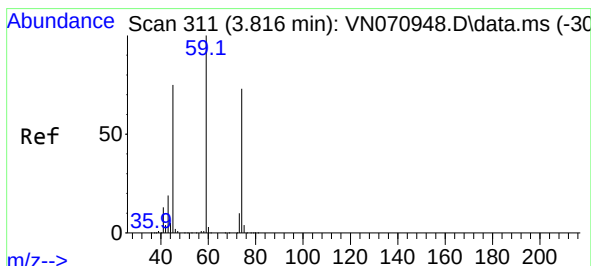
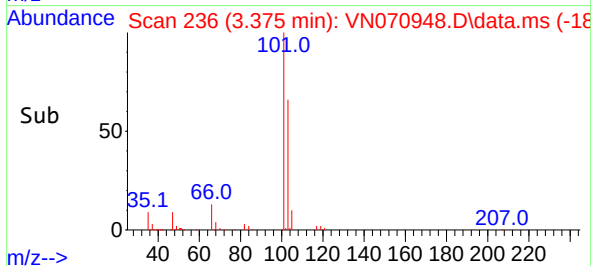
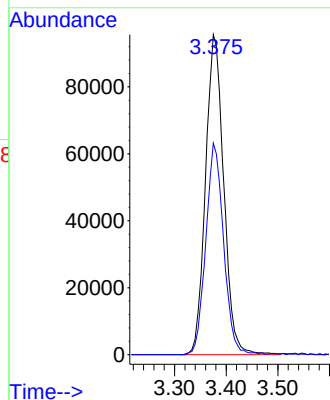
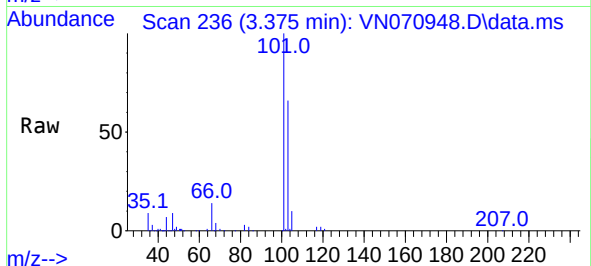




#7
Trichlorofluoromethane
Concen: 18.937 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
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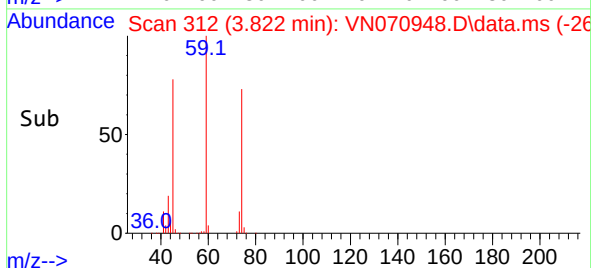
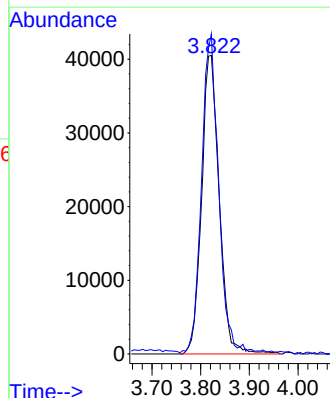
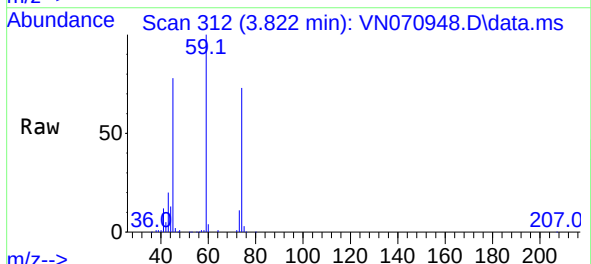
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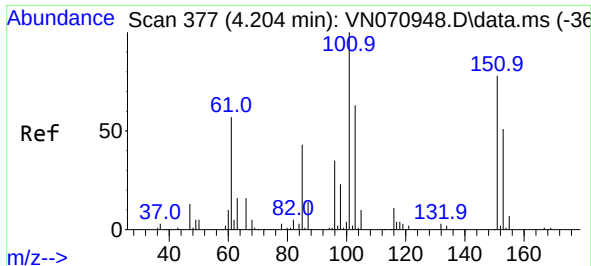
Tgt Ion:101 Resp: 234050
Ion Ratio Lower Upper
101 100
103 66.1 50.1 75.1



#8
Diethyl Ether
Concen: 18.955 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 74 Resp: 101840
Ion Ratio Lower Upper
74 100
45 103.1 47.0 141.2

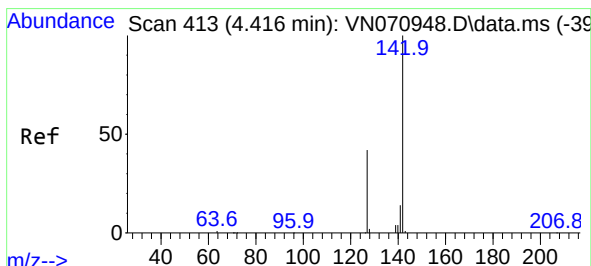
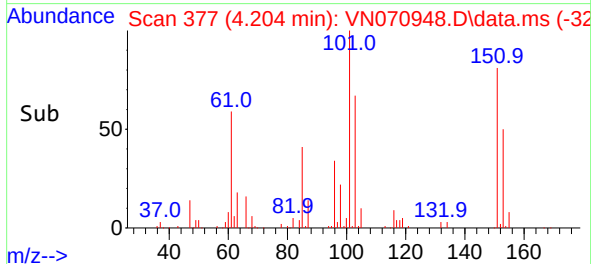
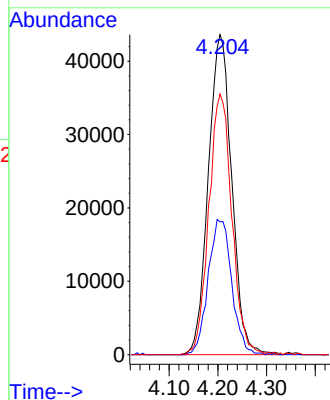
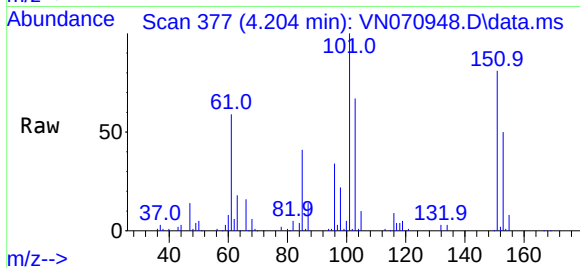




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.196 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
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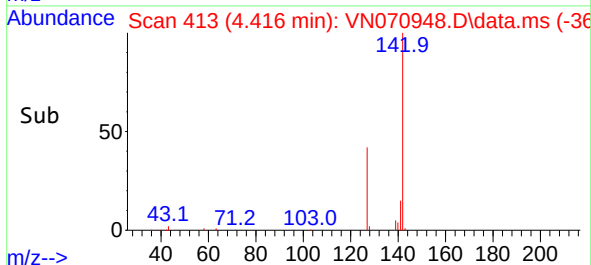
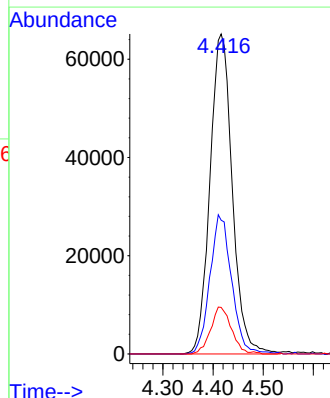
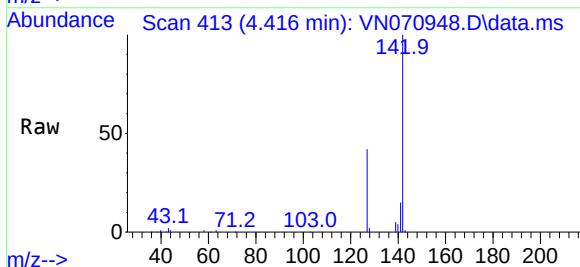
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ClientSampleId :
VSTDIC020

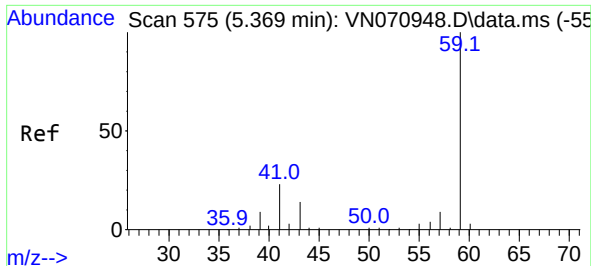
Tgt Ion:101 Resp: 145559
Ion Ratio Lower Upper
101 100
85 42.4 37.2 55.8
151 80.1 65.9 98.9



#10
Methyl Iodide
Concen: 19.193 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:142 Resp: 201569
Ion Ratio Lower Upper
142 100
127 42.4 35.4 53.0
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 92.065 ug/l

RT: 5.369 min Scan# 575

Delta R.T. 0.000 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

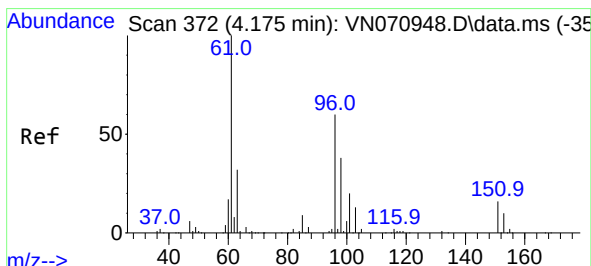
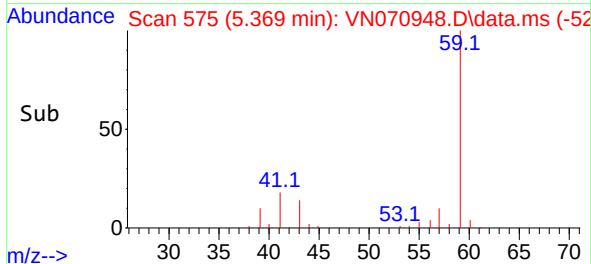
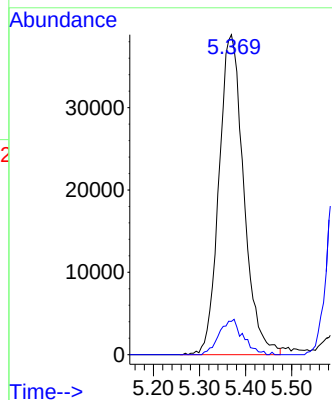
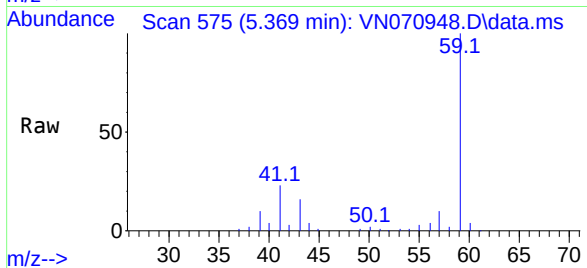
VSTDICC020

Tgt Ion: 59 Resp: 144635

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#12

1,1-Dichloroethene

Concen: 18.951 ug/l

RT: 4.181 min Scan# 373

Delta R.T. 0.006 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

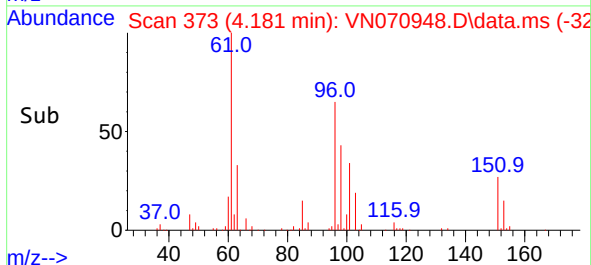
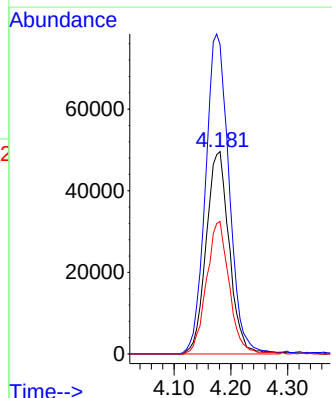
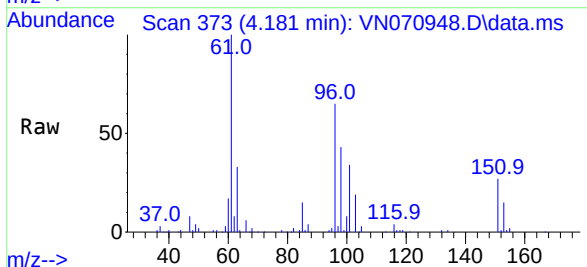
Tgt Ion: 96 Resp: 140010

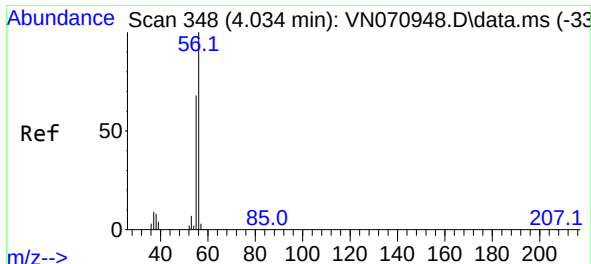
Ion Ratio Lower Upper

96 100

61 152.9 131.0 196.6

98 65.4 52.4 78.6

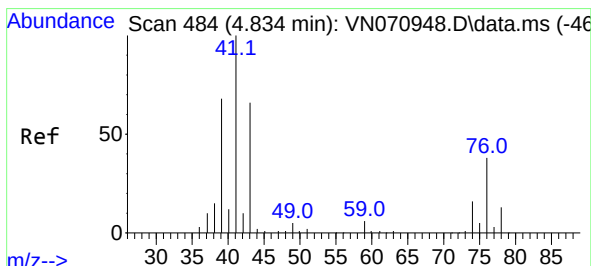
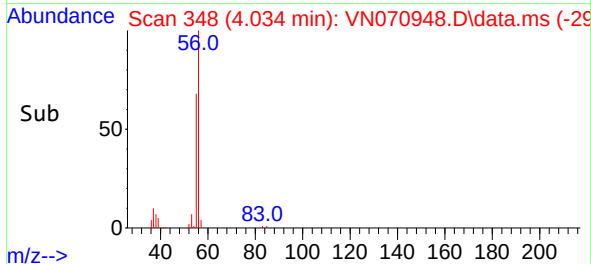
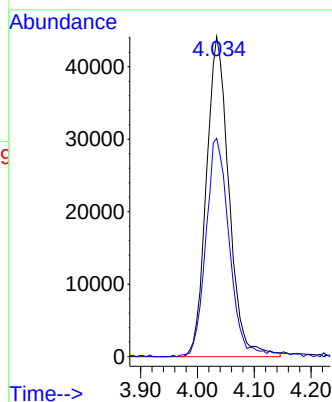
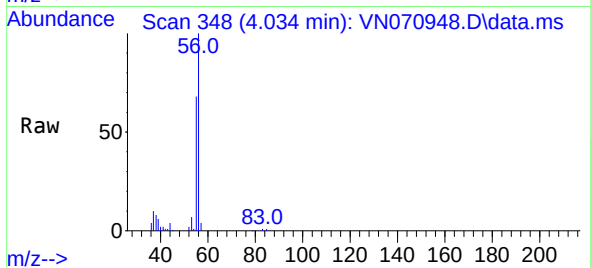




#13
Acrolein
Concen: 86.606 ug/l
RT: 4.034 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

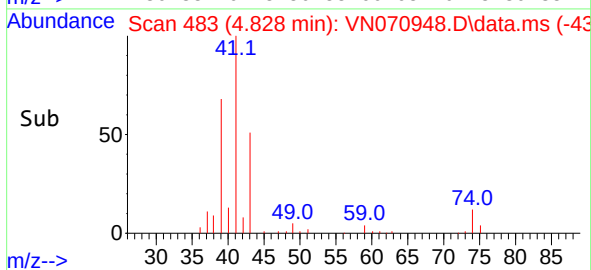
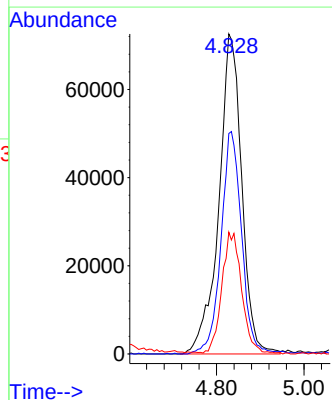
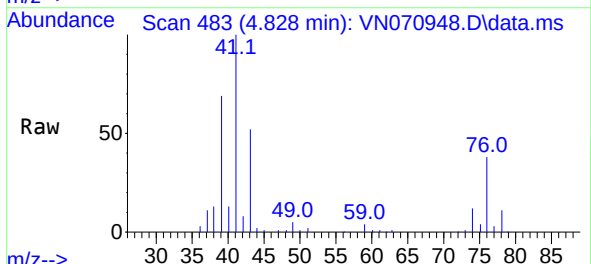
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

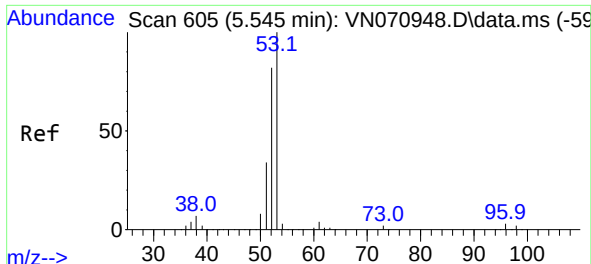
Tgt Ion: 56 Resp: 121579
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0



#14
Allyl chloride
Concen: 18.677 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 41 Resp: 263155
Ion Ratio Lower Upper
41 100
39 62.5 61.2 91.8
76 33.3 26.0 39.0

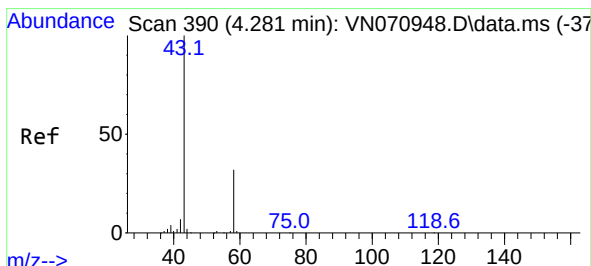
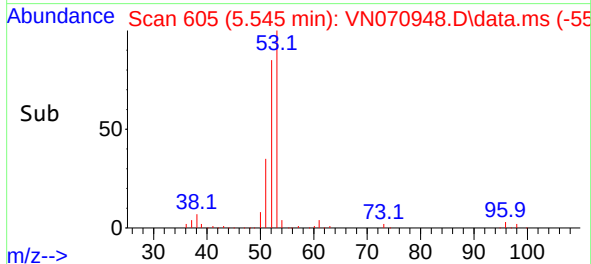
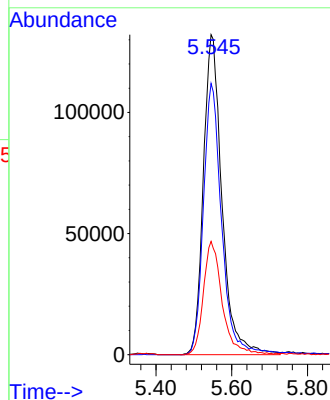
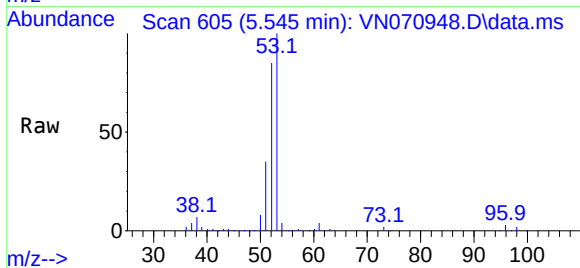




#15
Acrylonitrile
Concen: 97.230 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

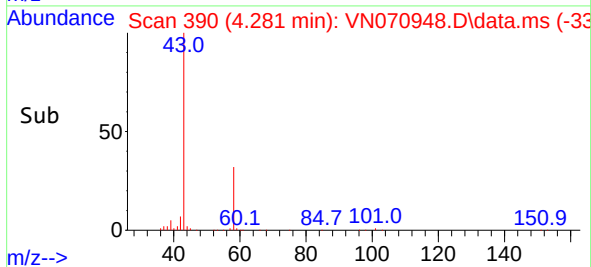
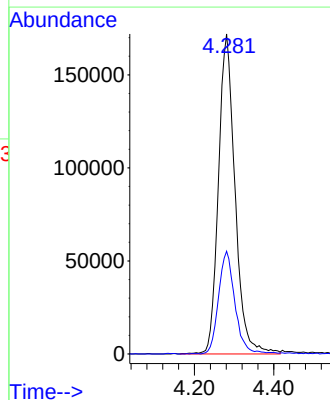
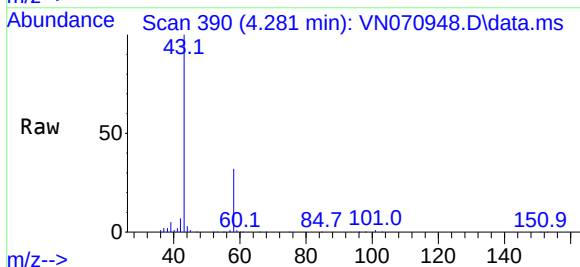
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

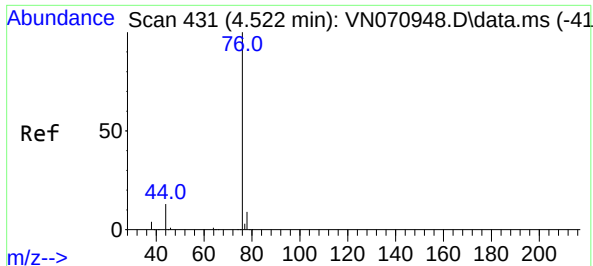
Tgt Ion: 53 Resp: 449930
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.9 29.6 44.4



#16
Acetone
Concen: 105.202 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 43 Resp: 499440
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7

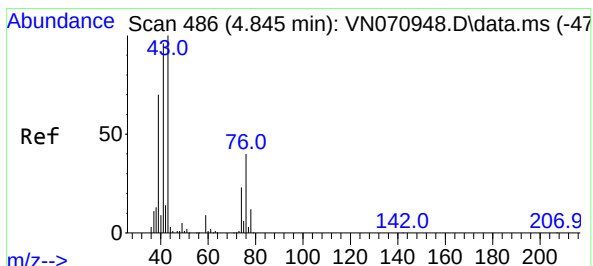
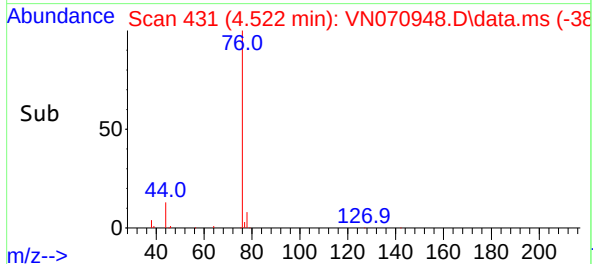
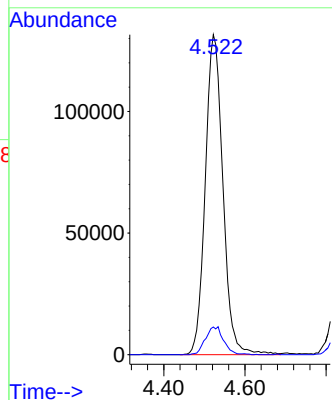
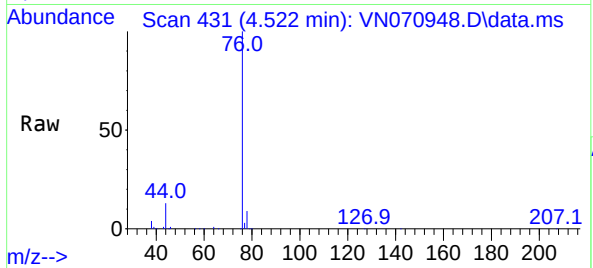




#17
Carbon Disulfide
Concen: 18.692 ug/l
RT: 4.522 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

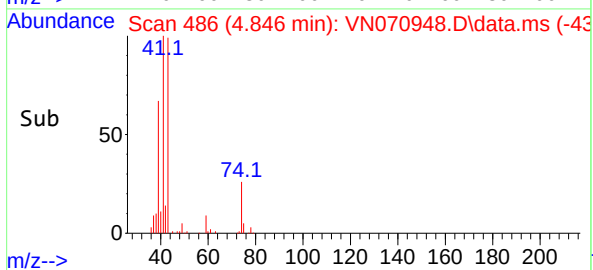
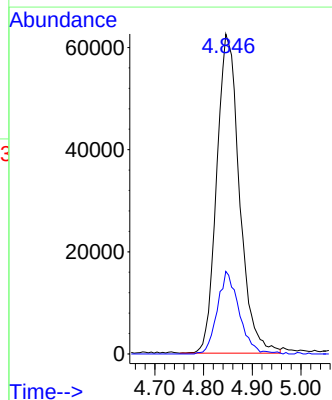
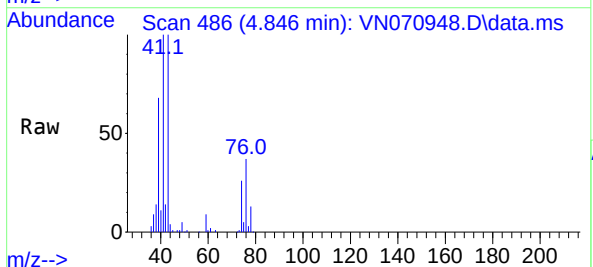
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

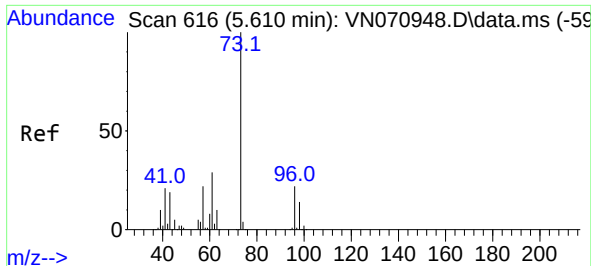
Tgt Ion: 76 Resp: 396013
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 19.141 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.001 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 43 Resp: 202839
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2

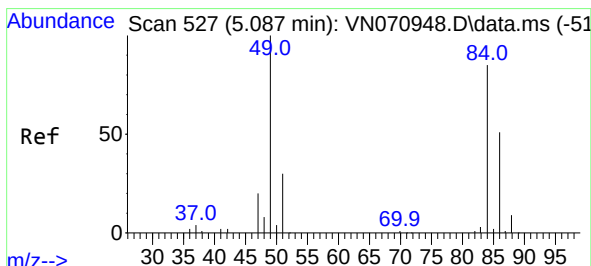
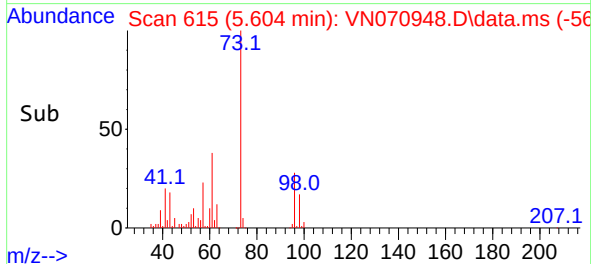
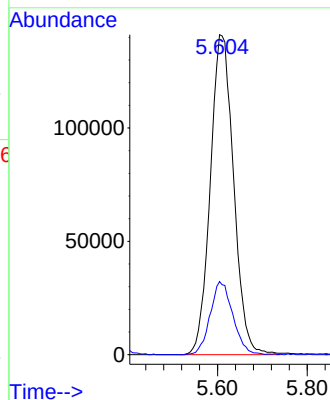
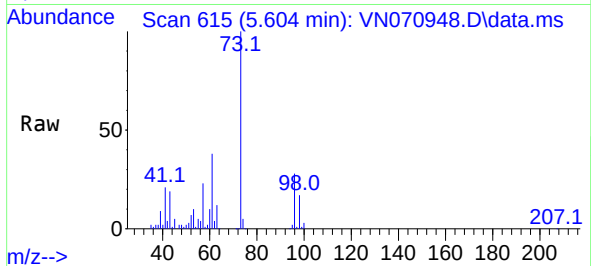




#19
Methyl tert-butyl Ether
Concen: 19.654 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

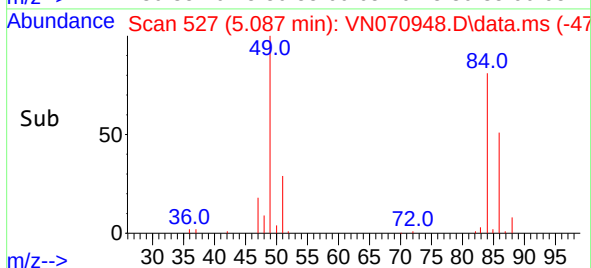
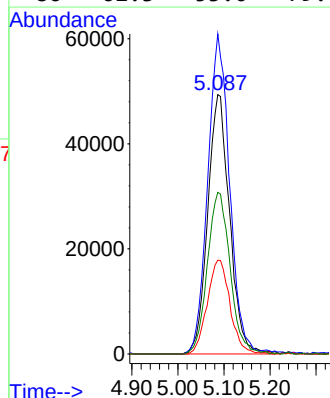
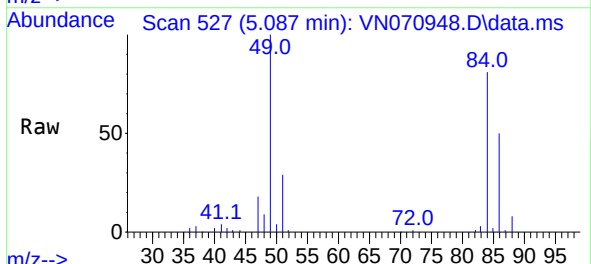
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

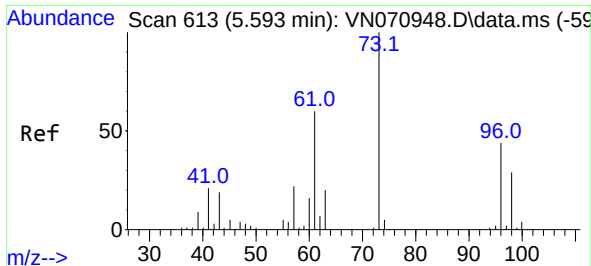
Tgt Ion: 73 Resp: 509357
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2



#20
Methylene Chloride
Concen: 18.916 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 84 Resp: 163204
Ion Ratio Lower Upper
84 100
49 123.4 93.5 140.3
51 36.2 29.4 44.2
86 62.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 19.278 ug/l

RT: 5.587 min Scan# 613

Delta R.T. -0.006 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

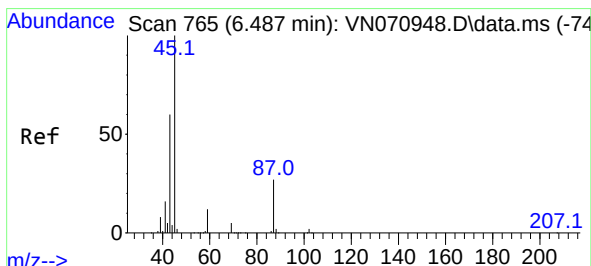
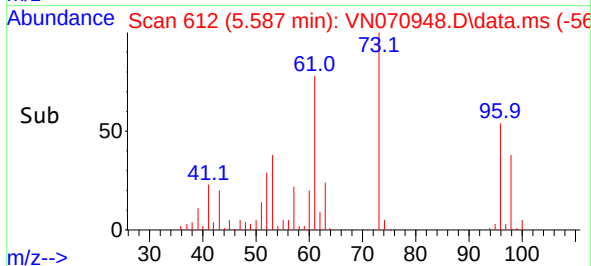
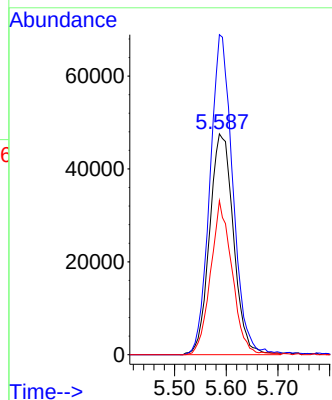
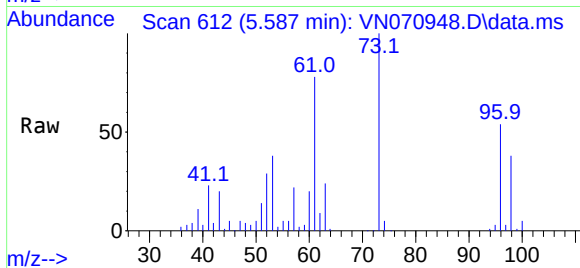
Tgt Ion: 96 Resp: 152866

Ion Ratio Lower Upper

96 100

61 145.0 105.8 158.6

98 69.7 52.0 78.0



#22

Diisopropyl ether

Concen: 19.973 ug/l

RT: 6.487 min Scan# 765

Delta R.T. 0.000 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Tgt Ion: 45 Resp: 539740

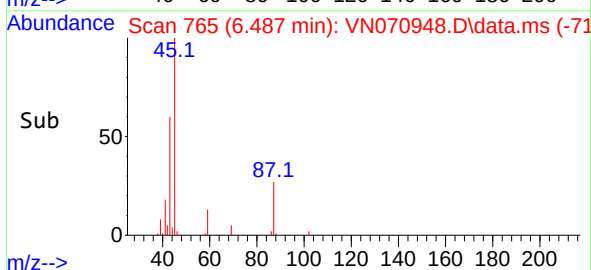
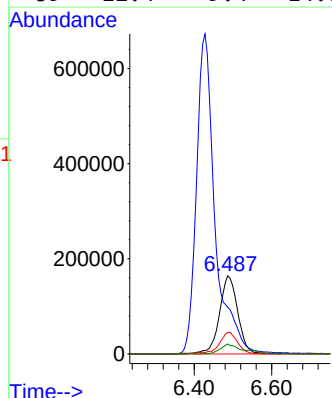
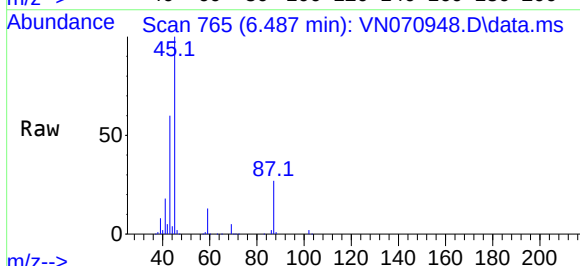
Ion Ratio Lower Upper

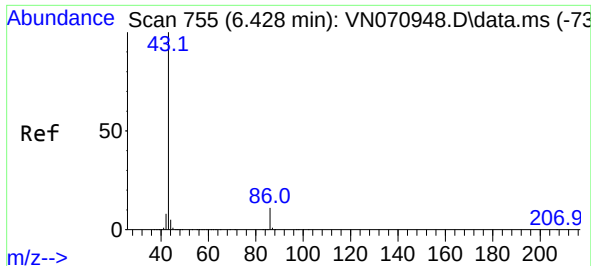
45 100

43 58.4 51.7 77.5

87 27.4 23.2 34.8

59 12.4 9.4 14.0

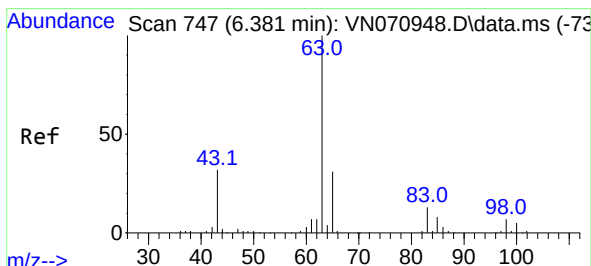
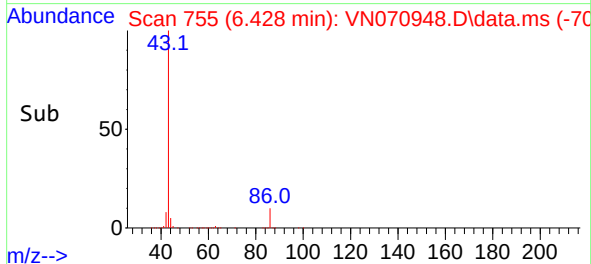
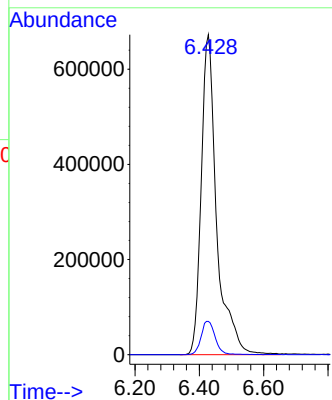
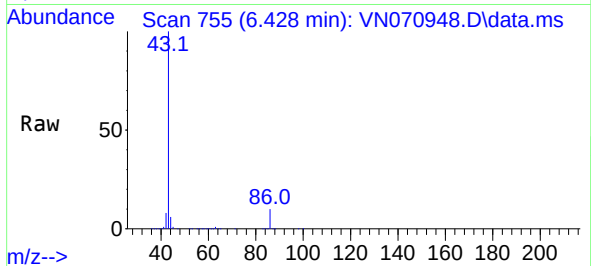




#23
 Vinyl Acetate
 Concen: 98.007 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN070948.D
 Acq: 15 Feb 2022 13:36

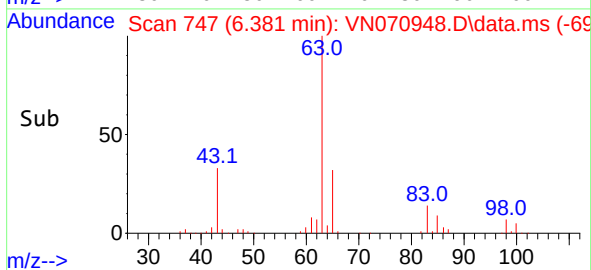
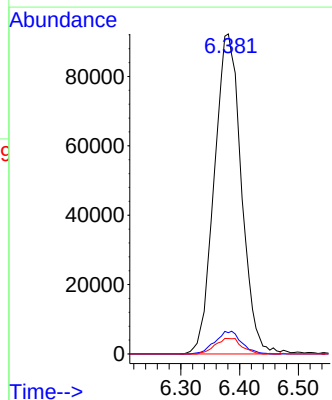
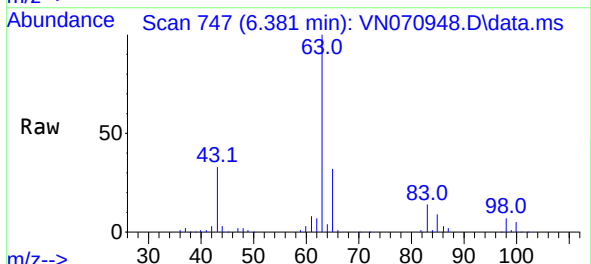
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

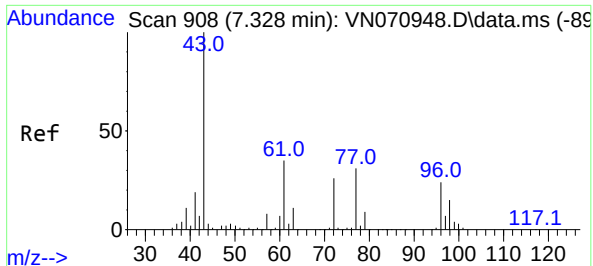
Tgt Ion: 43 Resp: 2242002
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.449 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN070948.D
 Acq: 15 Feb 2022 13:36

Tgt Ion: 63 Resp: 294636
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.8 2.1 6.5

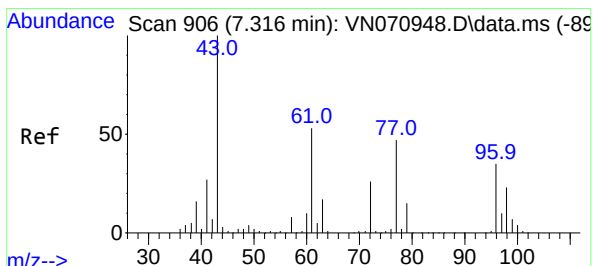
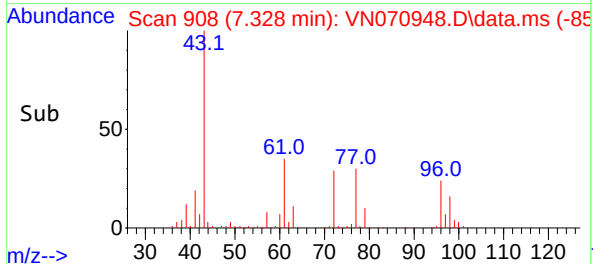
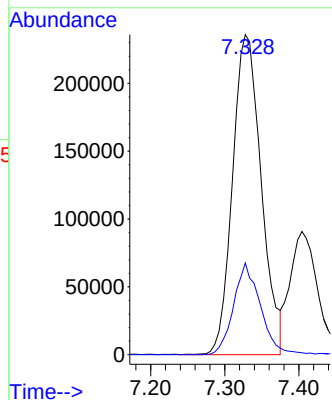
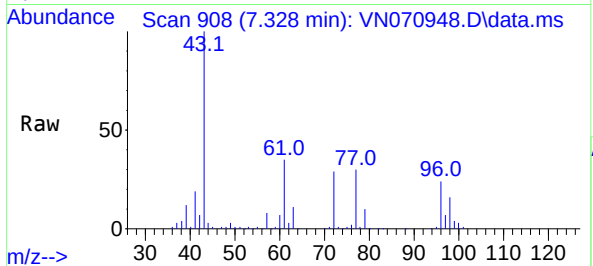




#25
2-Butanone
Concen: 100.622 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

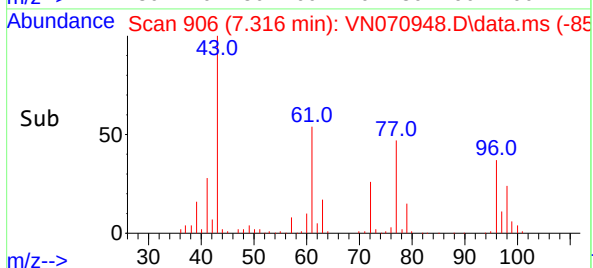
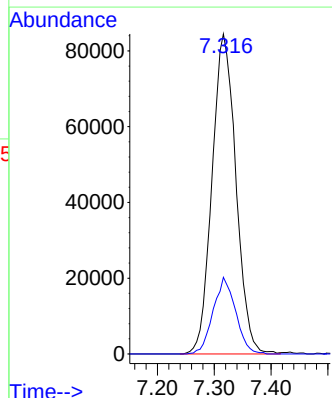
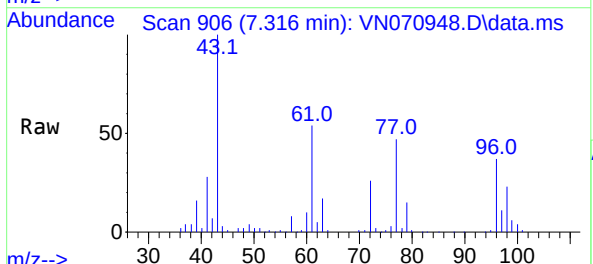
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

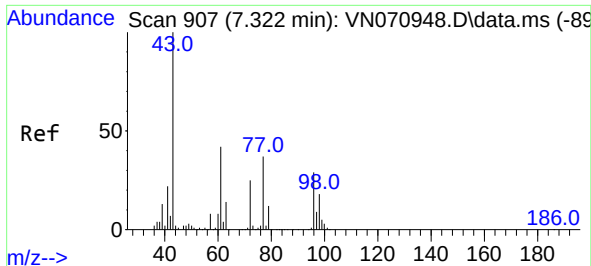
Tgt Ion: 43 Resp: 635476
Ion Ratio Lower Upper
43 100
72 28.6 21.7 32.5



#26
2,2-Dichloropropane
Concen: 19.580 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 77 Resp: 246513
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8

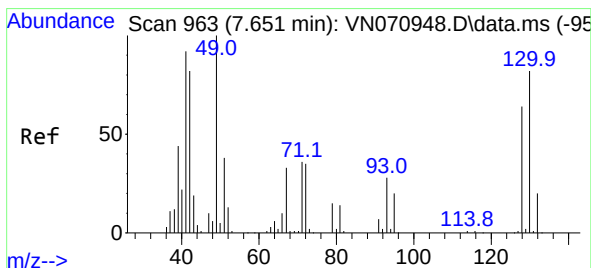
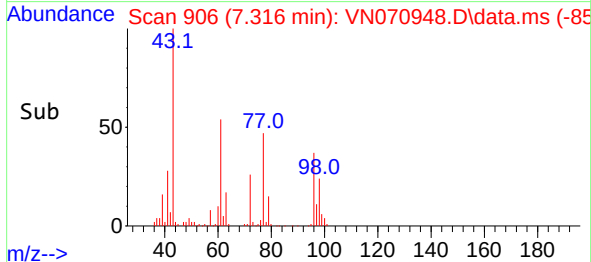
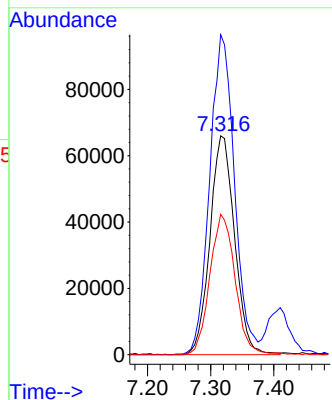
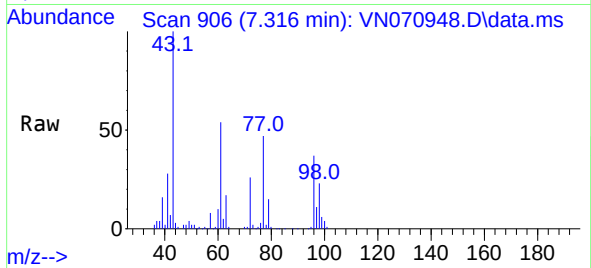




#27
cis-1,2-Dichloroethene
Concen: 19.638 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

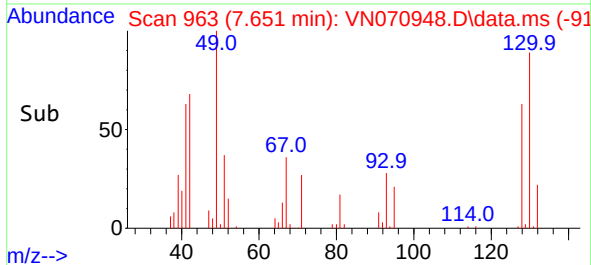
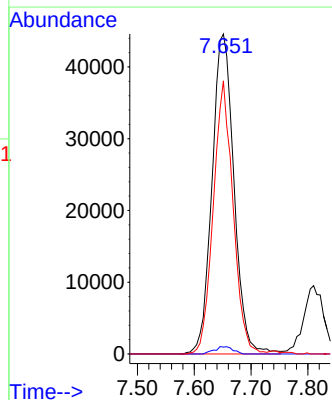
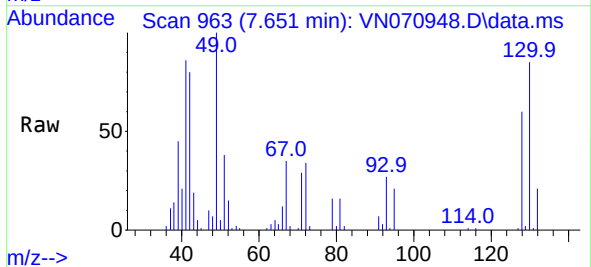
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

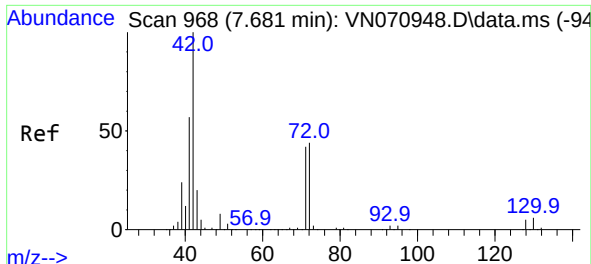
Tgt Ion: 96 Resp: 178980
Ion Ratio Lower Upper
96 100
61 146.7 0.0 275.0
98 65.4 0.0 129.6



#28
Bromochloromethane
Concen: 19.515 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 49 Resp: 119653
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 76.8 67.8 101.8





#29

Tetrahydrofuran

Concen: 98.994 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Instrument :

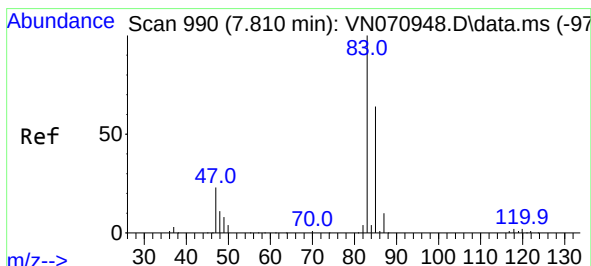
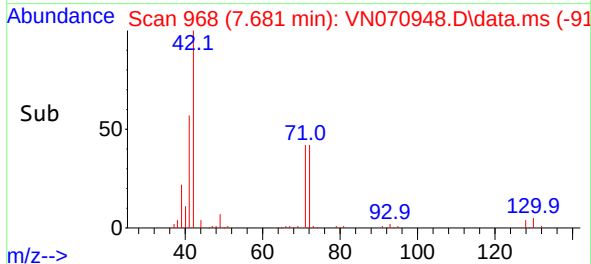
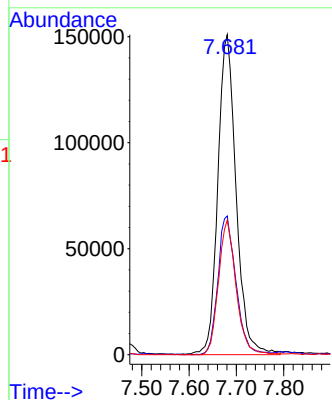
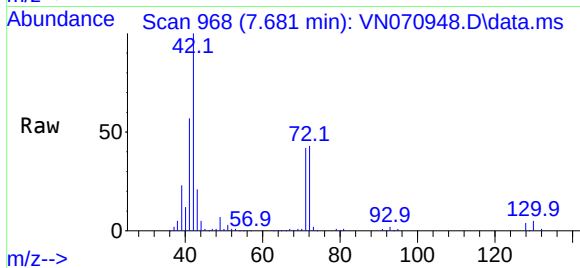
MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 405012

Ion	Ratio	Lower	Upper
42	100		
72	43.0	36.3	54.5
71	40.1	34.7	52.1



#30

Chloroform

Concen: 19.297 ug/l

RT: 7.810 min Scan# 990

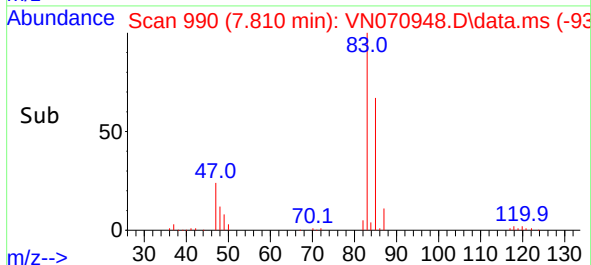
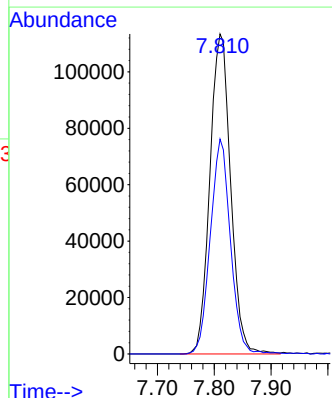
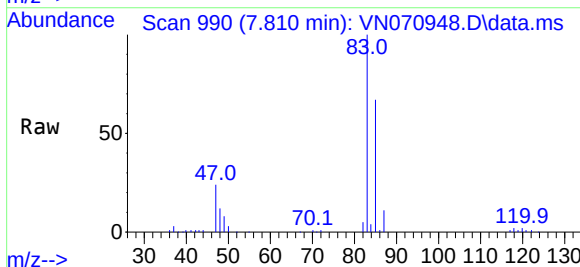
Delta R.T. 0.000 min

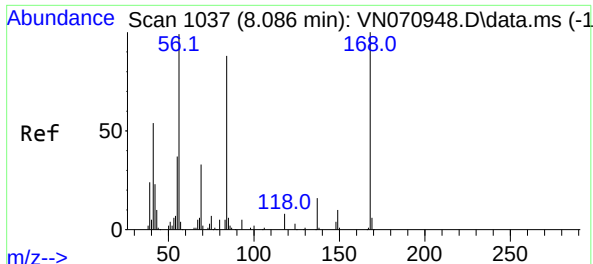
Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Tgt Ion: 83 Resp: 287520

Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.9	77.9





#31

Cyclohexane

Concen: 19.590 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

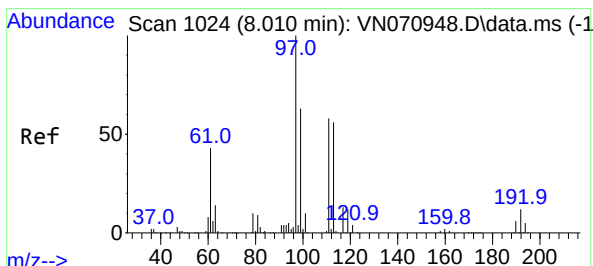
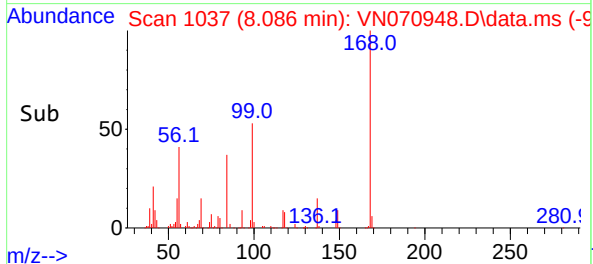
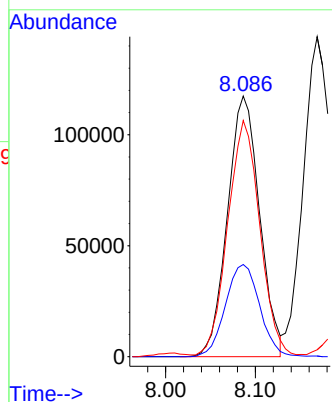
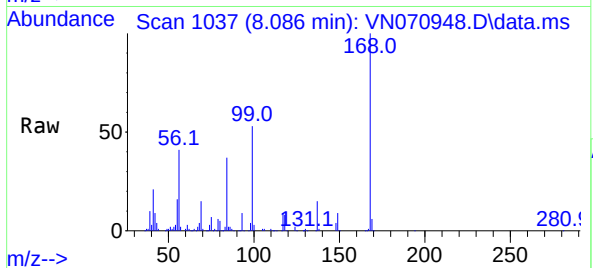
Tgt Ion: 56 Resp: 292063

Ion Ratio Lower Upper

56 100

69 35.4 27.1 40.7

84 89.7 73.4 110.0



#32

1,1,1-Trichloroethane

Concen: 19.727 ug/l

RT: 8.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

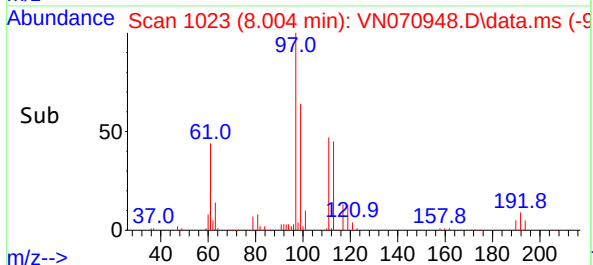
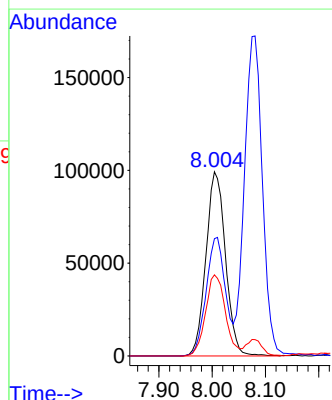
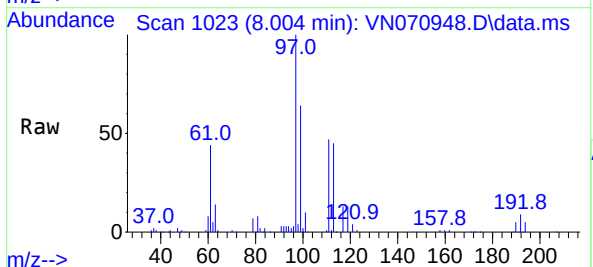
Tgt Ion: 97 Resp: 253825

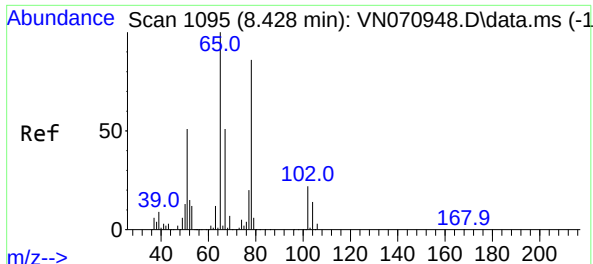
Ion Ratio Lower Upper

97 100

99 63.8 50.1 75.1

61 45.1 35.2 52.8

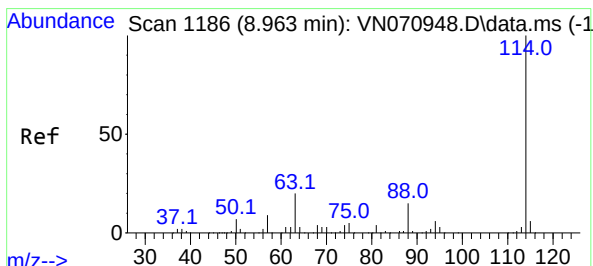
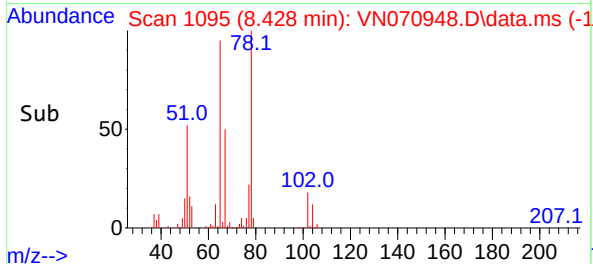
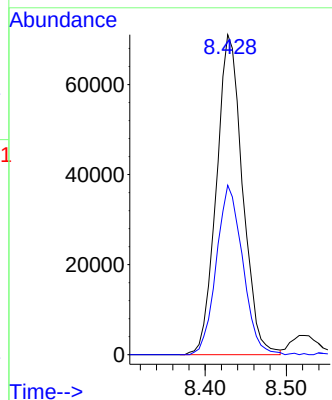
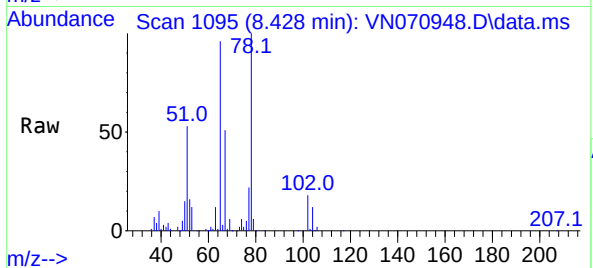




#33
1,2-Dichloroethane-d4
Concen: 18.470 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

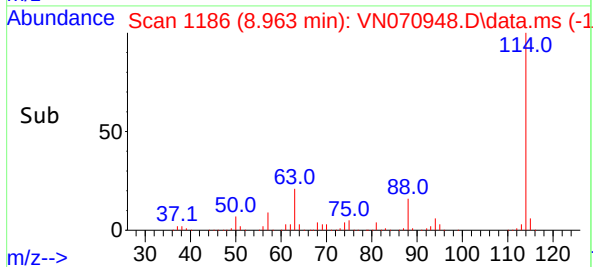
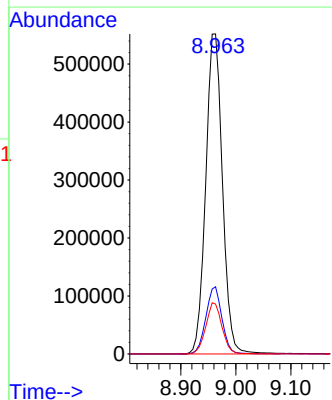
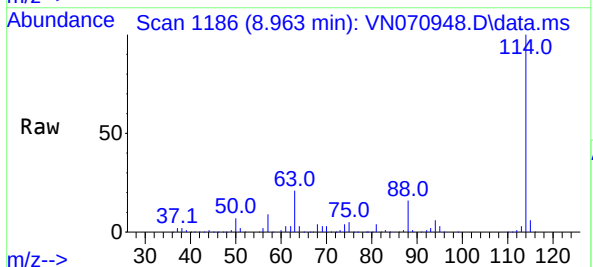
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

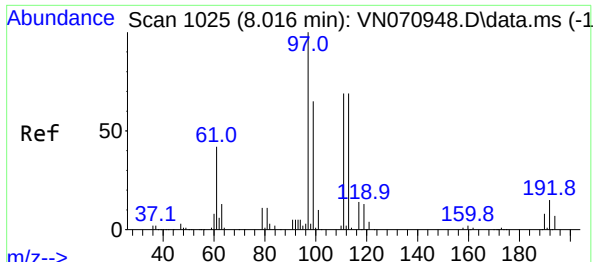
Tgt Ion: 65 Resp: 159219
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:114 Resp: 1166386
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.8
88 15.6 0.0 27.4

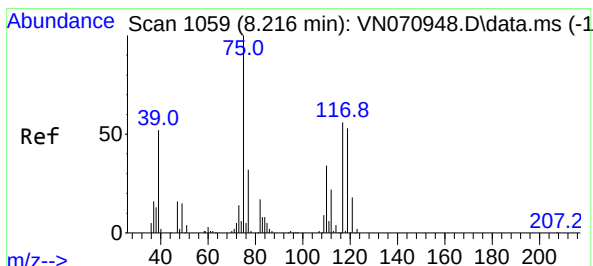
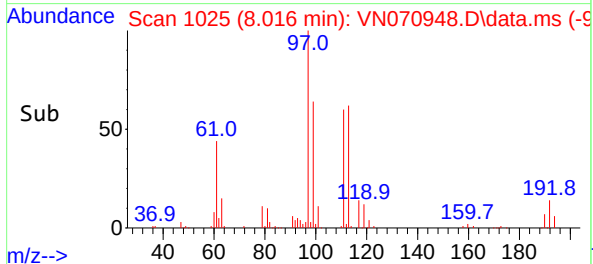
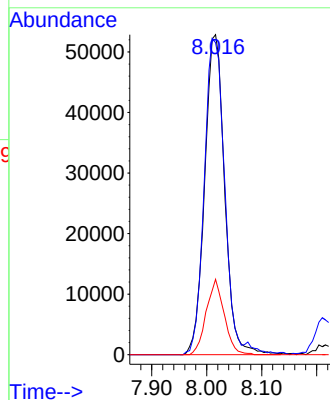
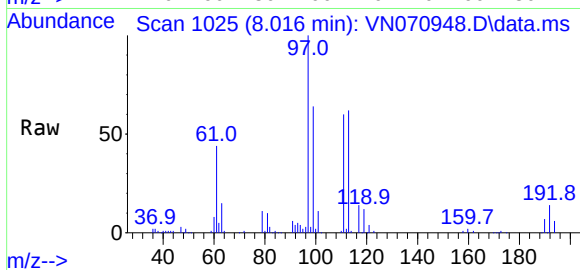




#35
Dibromofluoromethane
Concen: 19.248 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

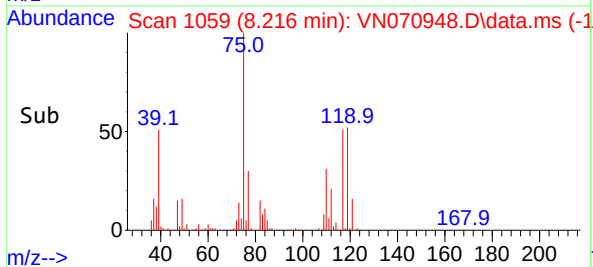
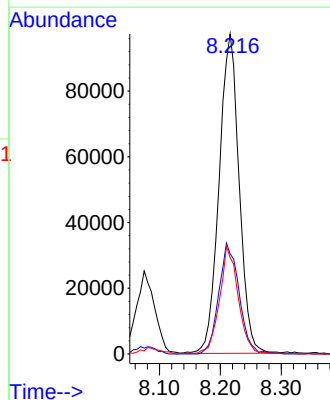
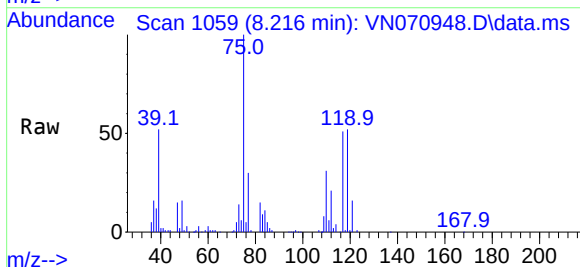
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

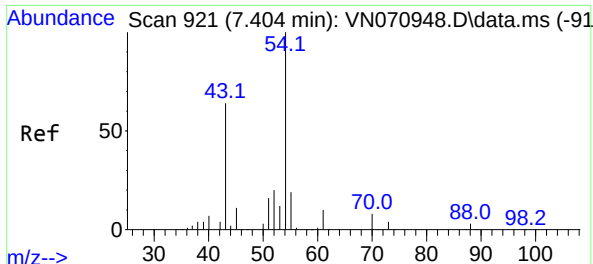
Tgt Ion:113 Resp: 133535
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.559 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 75 Resp: 222315
Ion Ratio Lower Upper
75 100
110 35.2 18.4 55.2
77 31.7 24.4 36.6

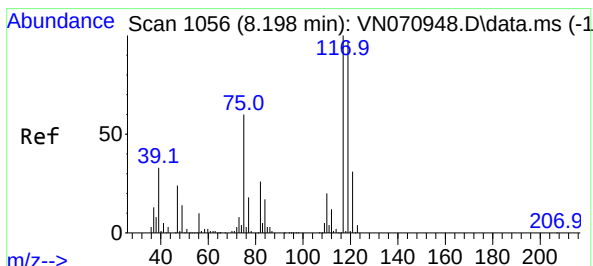
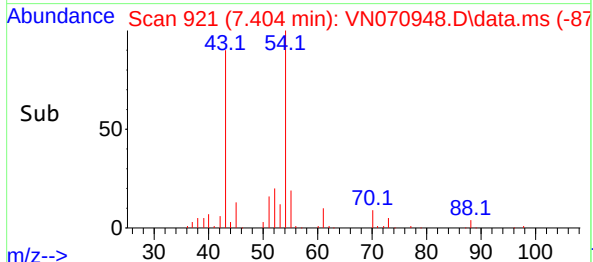
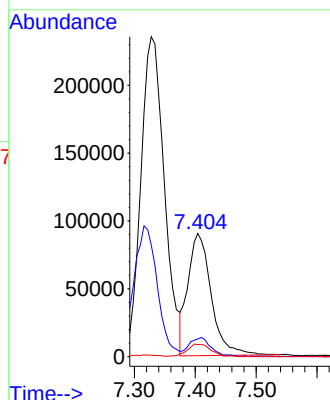
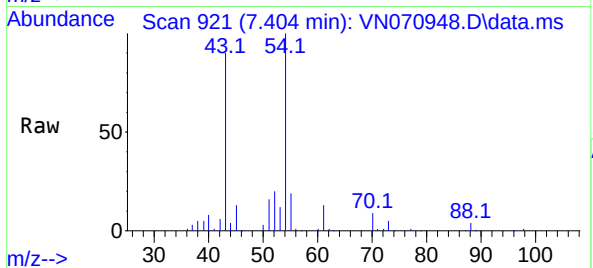




#37
Ethyl Acetate
Concen: 19.667 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

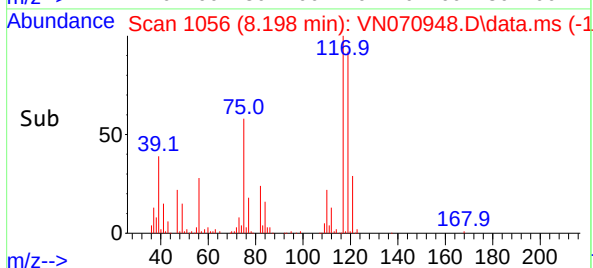
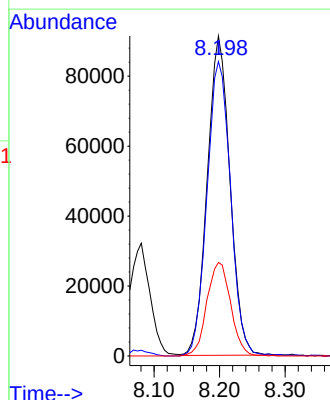
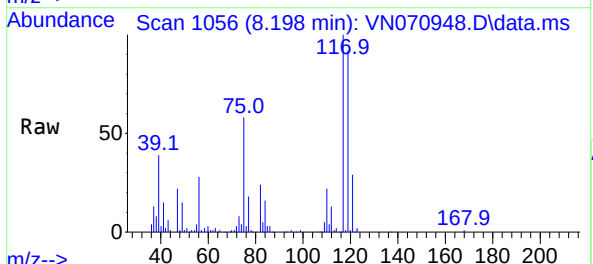
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

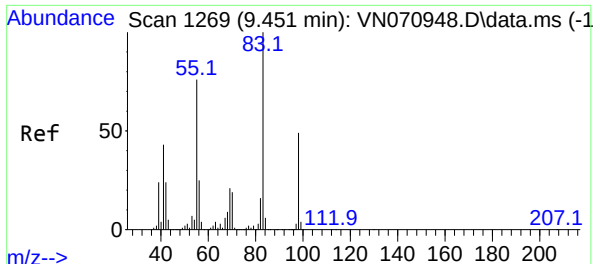
Tgt Ion: 43 Resp: 239734
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 10.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.595 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 117 Resp: 219444
Ion Ratio Lower Upper
117 100
119 92.3 76.1 114.1
121 29.3 24.2 36.2

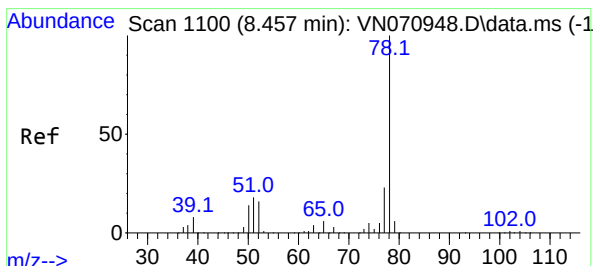
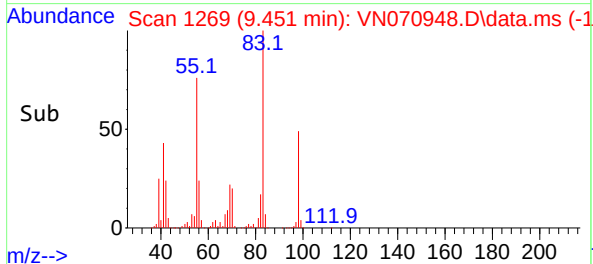
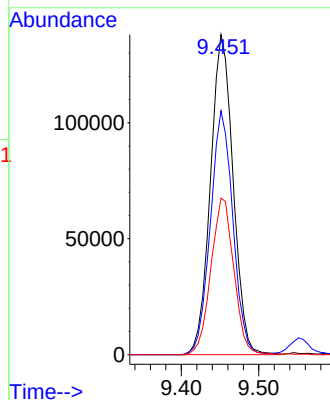
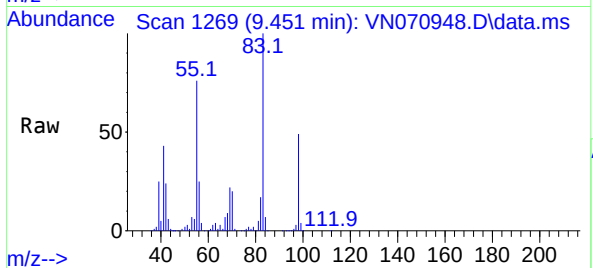




#39
Methylcyclohexane
Concen: 19.223 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

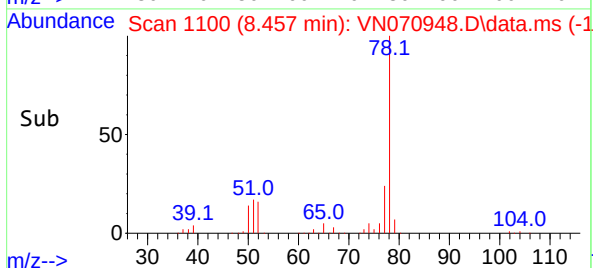
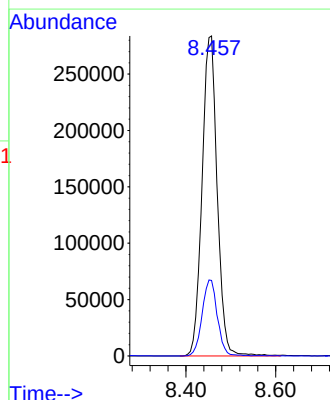
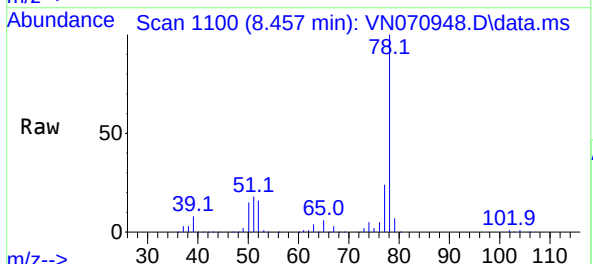
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

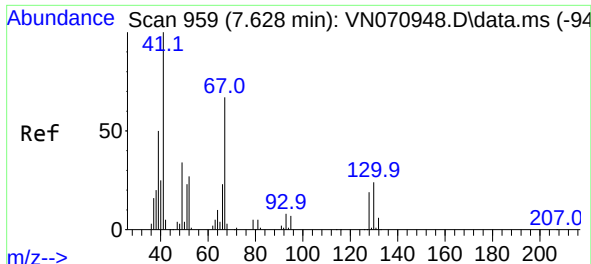
Tgt Ion: 83 Resp: 281142
Ion Ratio Lower Upper
83 100
55 76.2 58.1 87.1
98 48.9 38.4 57.6



#40
Benzene
Concen: 19.756 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 78 Resp: 664220
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8

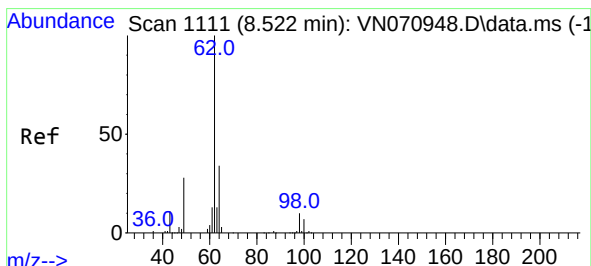
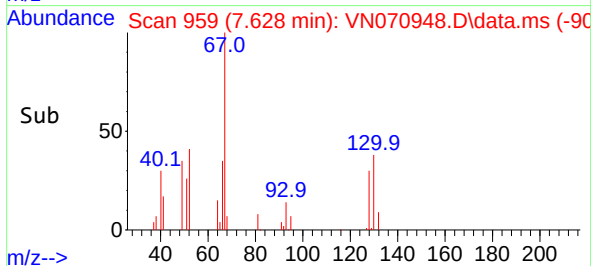
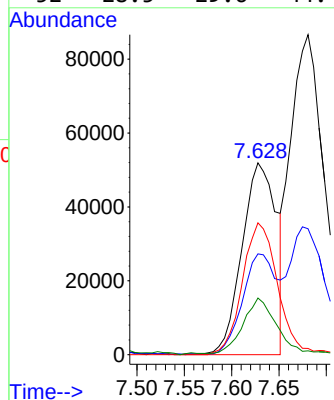
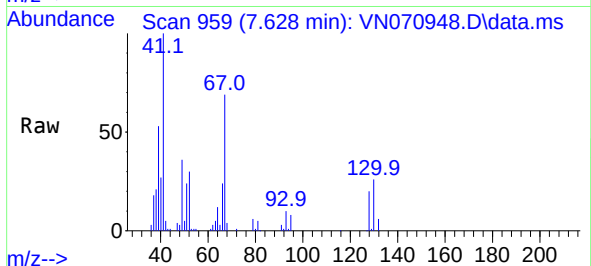




#41
Methacrylonitrile
Concen: 20.520 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

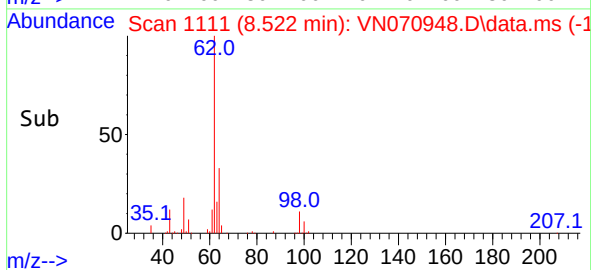
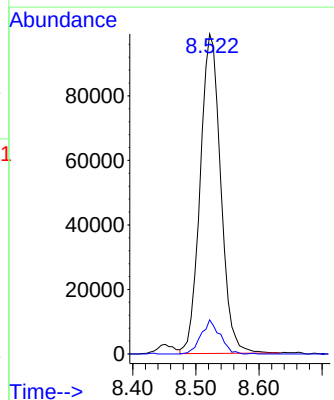
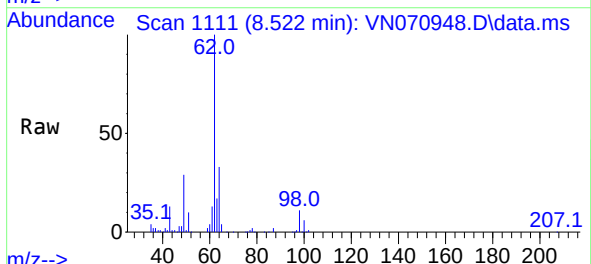
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

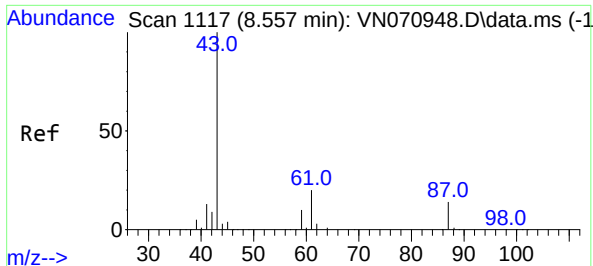
Tgt Ion: 41 Resp: 131739
Ion Ratio Lower Upper
41 100
39 52.3 48.1 72.1
67 71.1 68.3 102.5
52 28.5 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 19.530 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 62 Resp: 223627
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6

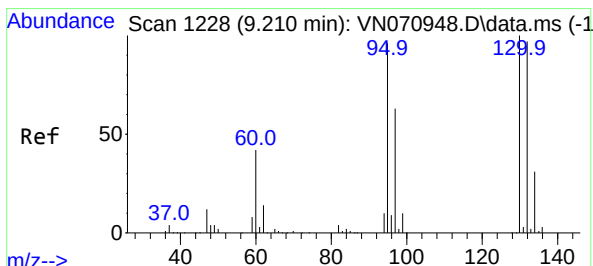
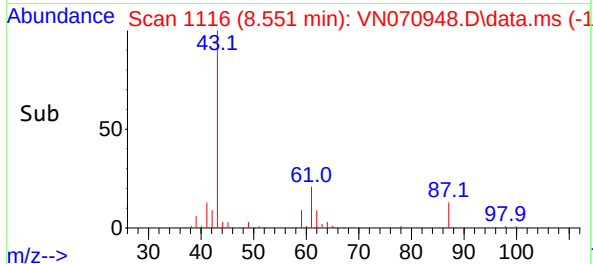
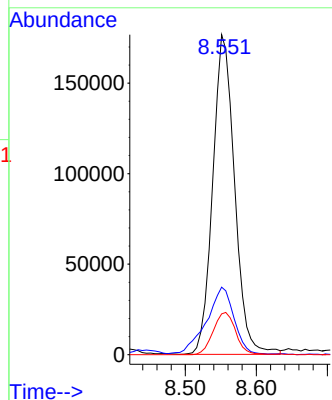
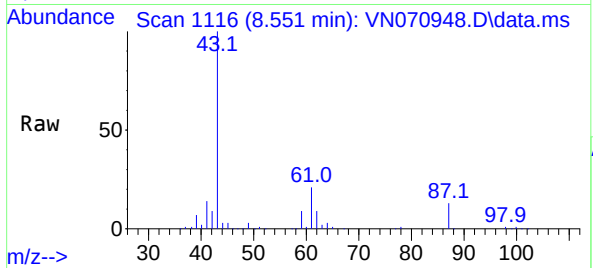




#43
Isopropyl Acetate
Concen: 19.632 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

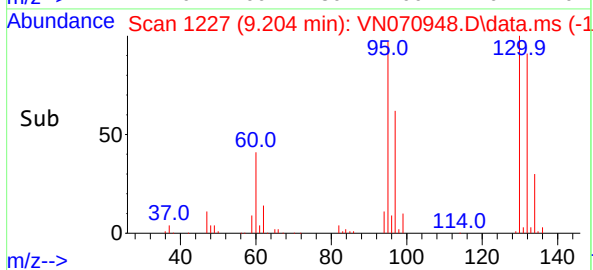
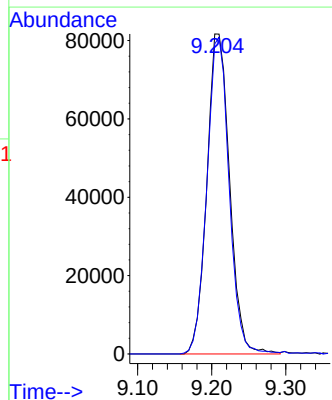
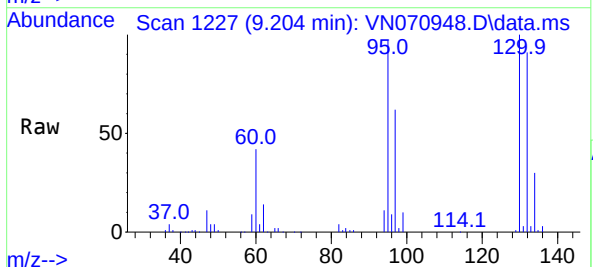
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

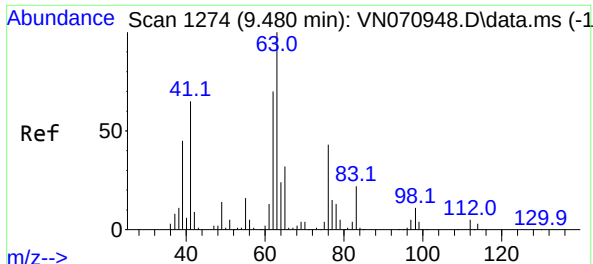
Tgt Ion: 43 Resp: 377212
Ion Ratio Lower Upper
43 100
61 26.3 20.4 30.6
87 13.6 11.2 16.8



#44
Trichloroethene
Concen: 19.711 ug/l
RT: 9.204 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 130 Resp: 174507
Ion Ratio Lower Upper
130 100
95 96.9 0.0 191.2

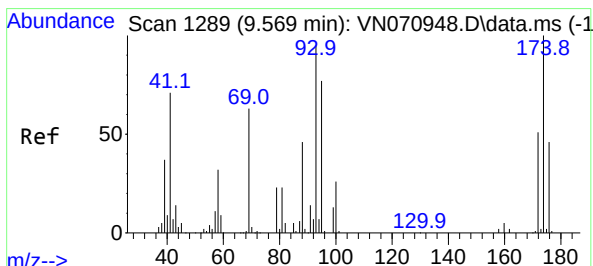
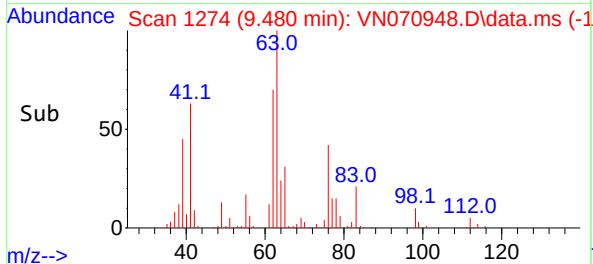
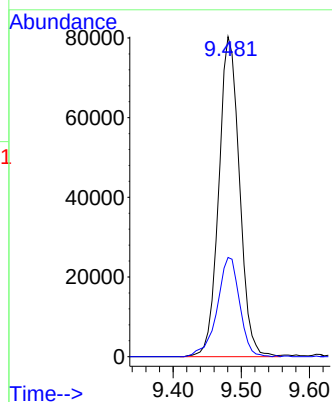
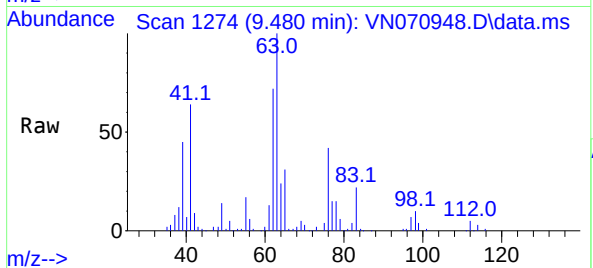




#45
1,2-Dichloropropane
Concen: 19.698 ug/l
RT: 9.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

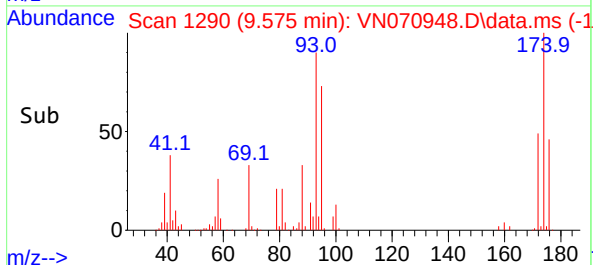
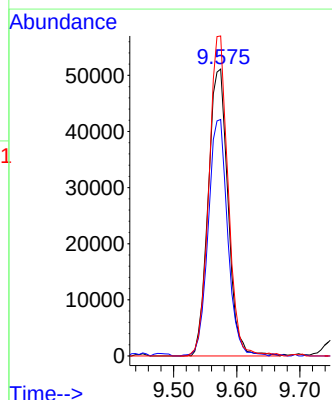
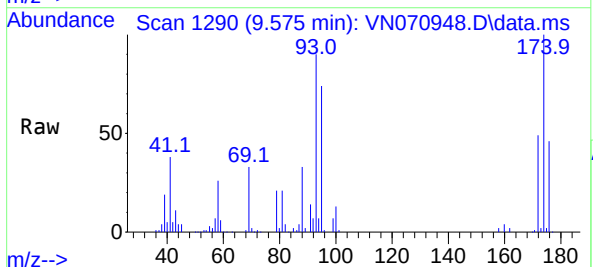
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

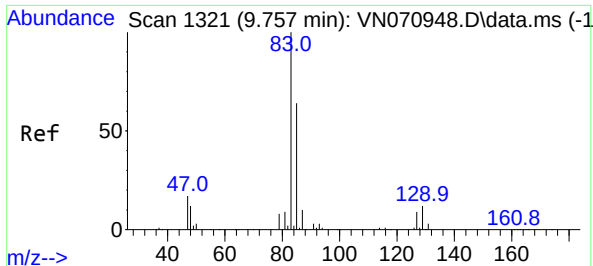
Tgt Ion: 63 Resp: 169643
Ion Ratio Lower Upper
63 100
65 31.0 24.7 37.1



#46
Dibromomethane
Concen: 19.654 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 93 Resp: 111392
Ion Ratio Lower Upper
93 100
95 81.0 65.9 98.9
174 107.7 84.6 127.0

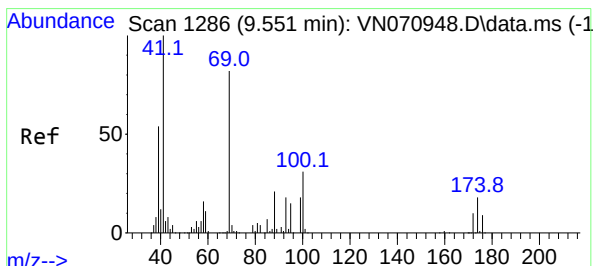
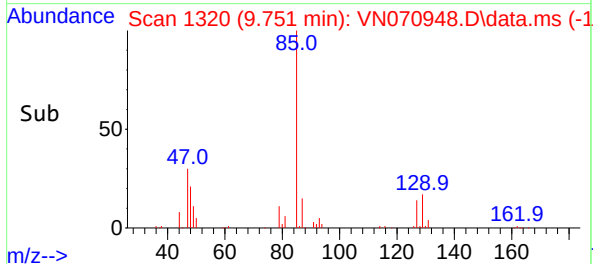
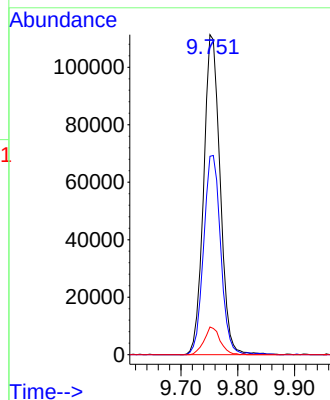
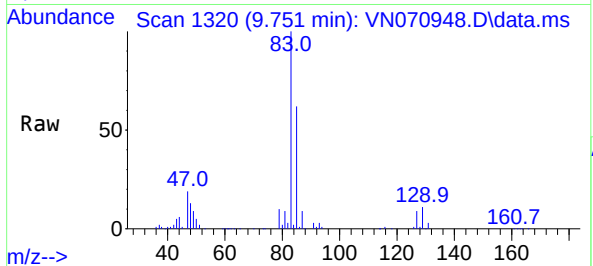




#47
Bromodichloromethane
Concen: 19.552 ug/l
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

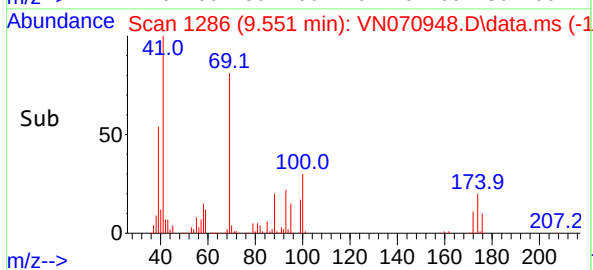
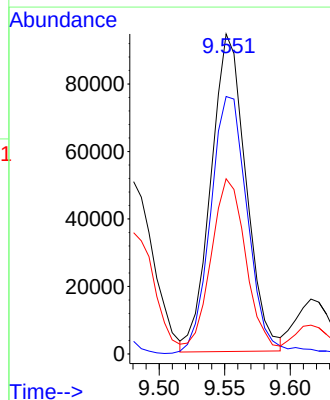
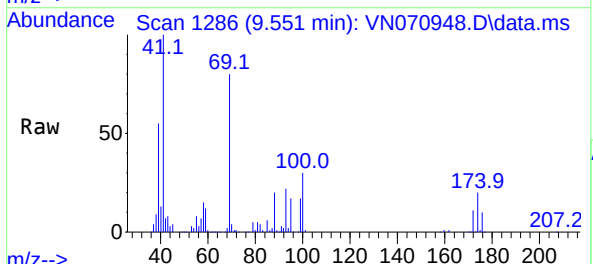
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

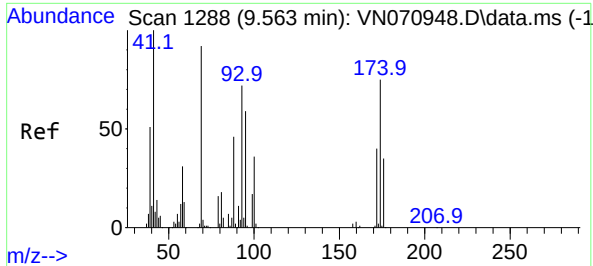
Tgt Ion: 83 Resp: 223965
Ion Ratio Lower Upper
83 100
85 62.0 50.9 76.3
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 19.261 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 41 Resp: 175171
Ion Ratio Lower Upper
41 100
69 85.9 72.4 108.6
39 55.6 58.4 87.6#

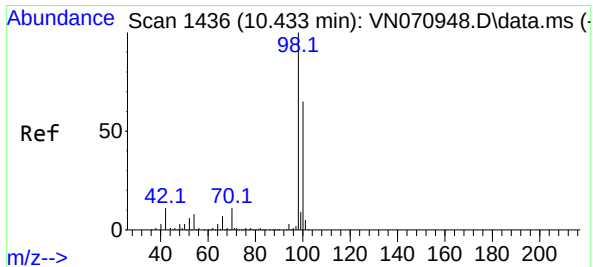
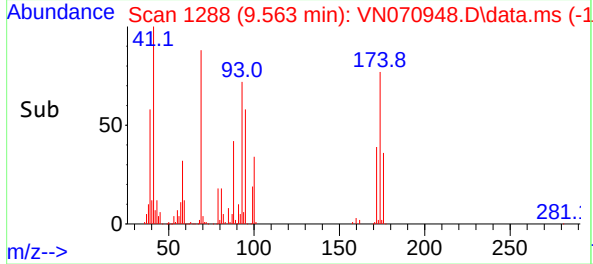
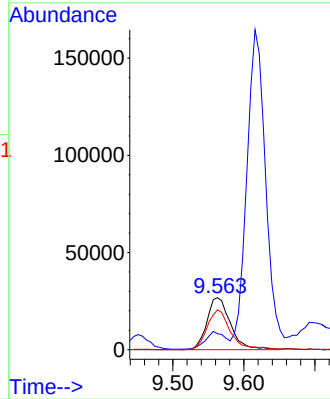
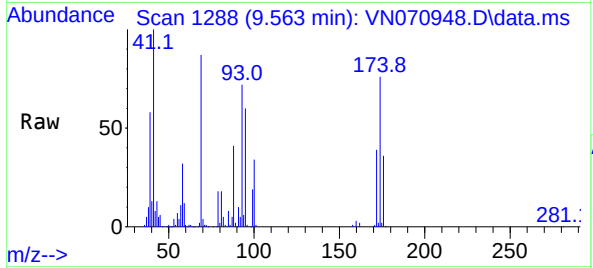




#49
1,4-Dioxane
Concen: 379.171 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

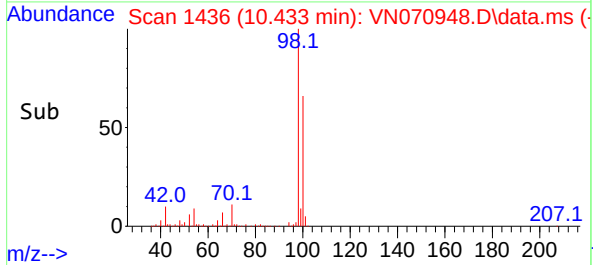
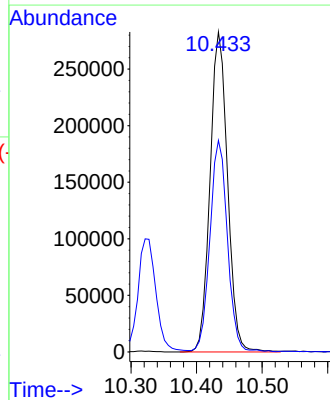
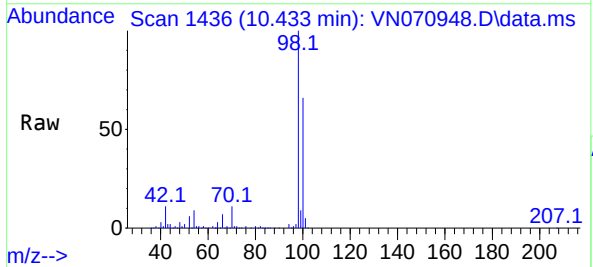
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

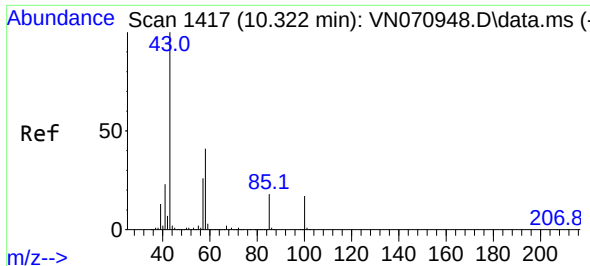
Tgt Ion: 88 Resp: 61248
Ion Ratio Lower Upper
88 100
43 29.1 23.4 35.2
58 77.4 50.6 75.8#



#50
Toluene-d8
Concen: 18.796 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 98 Resp: 523691
Ion Ratio Lower Upper
98 100
100 66.1 50.4 75.6

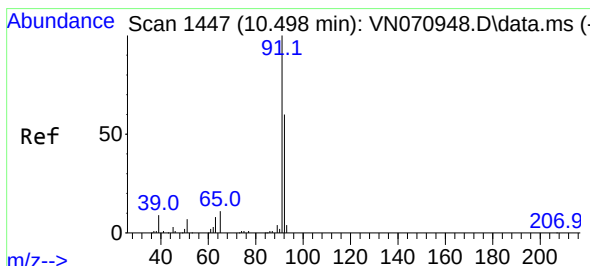
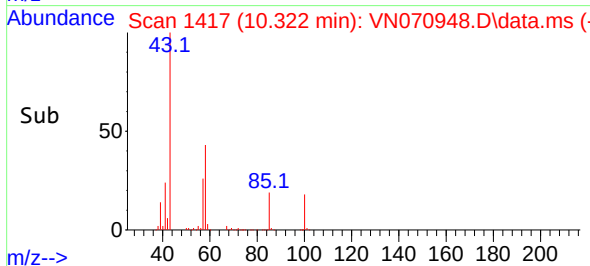
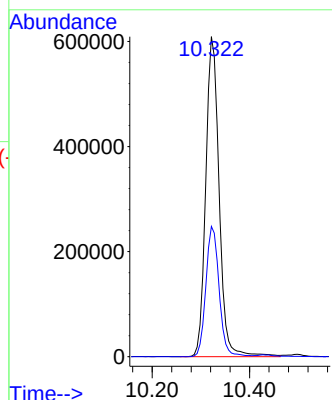
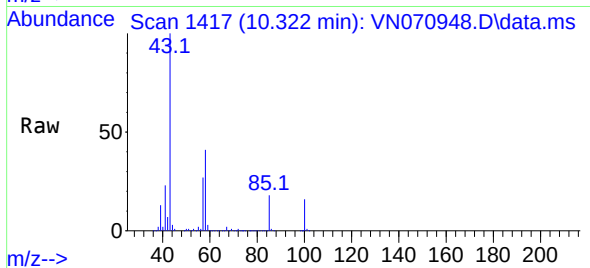




#51
4-Methyl-2-Pentanone
Concen: 99.401 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

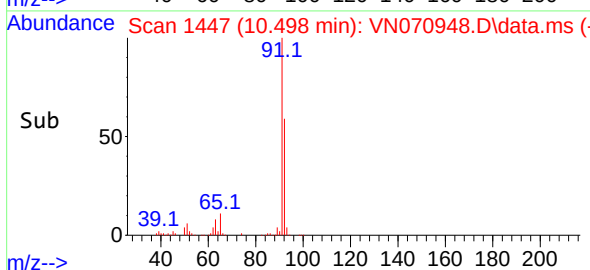
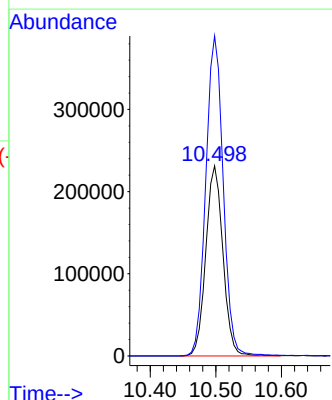
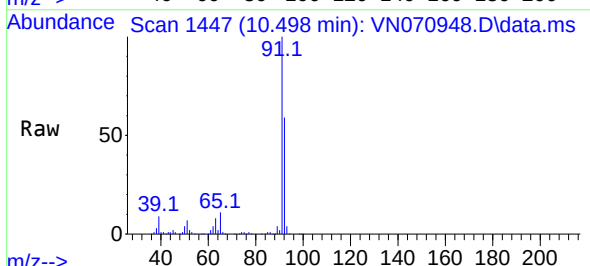
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

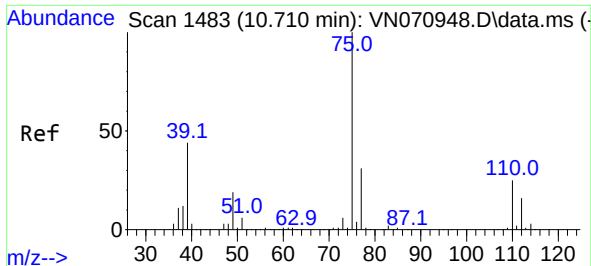
Tgt Ion: 43 Resp: 1162029
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6



#52
Toluene
Concen: 19.895 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 92 Resp: 420319
Ion Ratio Lower Upper
92 100
91 171.2 142.0 213.0

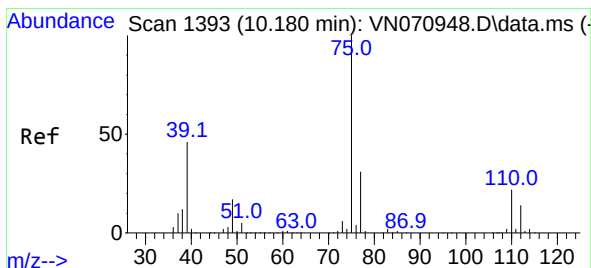
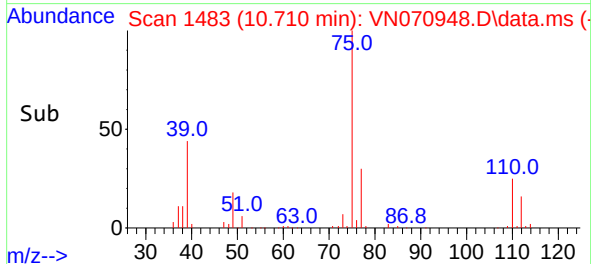
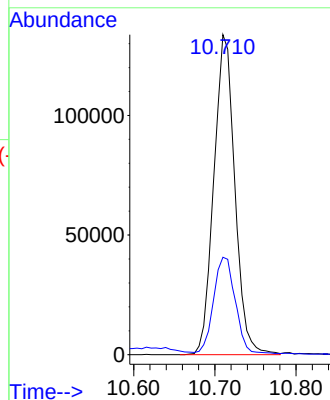
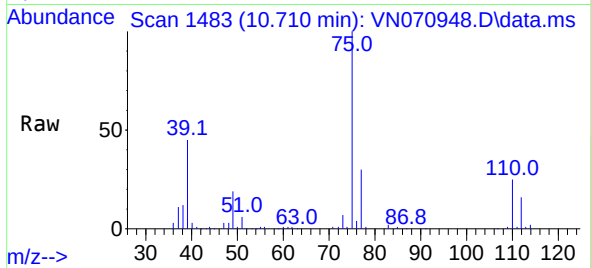




#53
t-1,3-Dichloropropene
Concen: 19.322 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

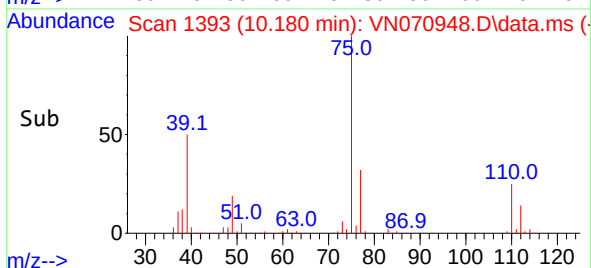
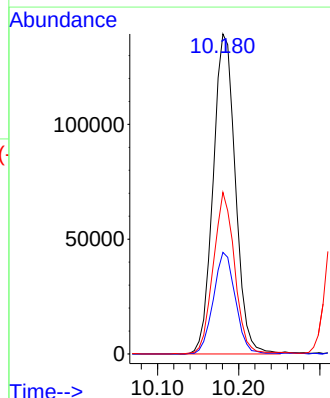
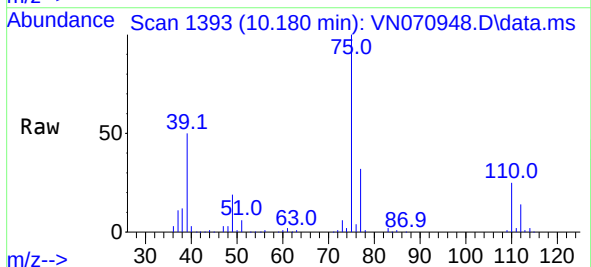
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

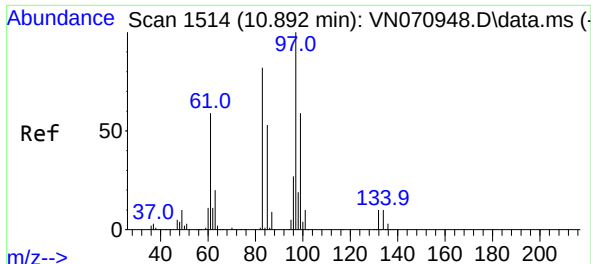
Tgt Ion: 75 Resp: 240659
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.426 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 75 Resp: 265722
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
39 50.5 42.5 63.7



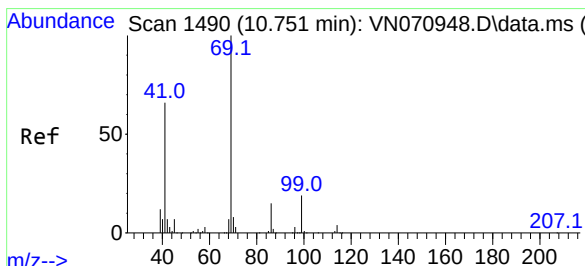
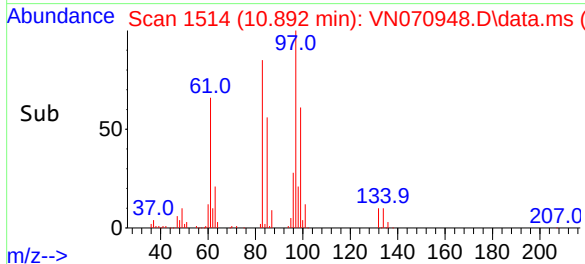
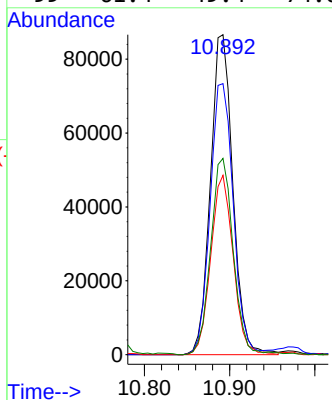
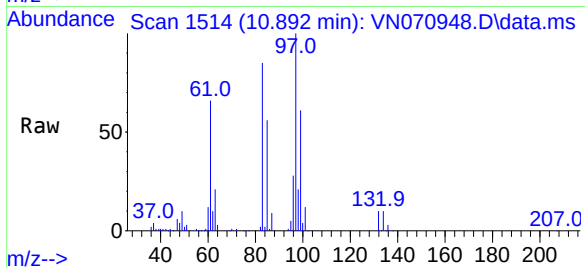


#55
1,1,2-Trichloroethane
Concen: 19.167 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 158502

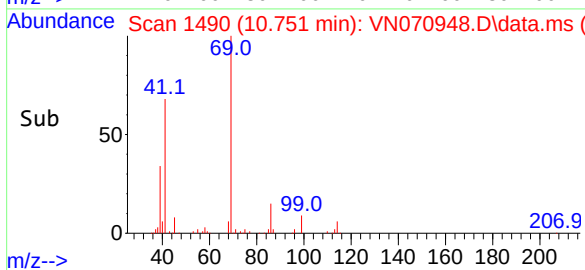
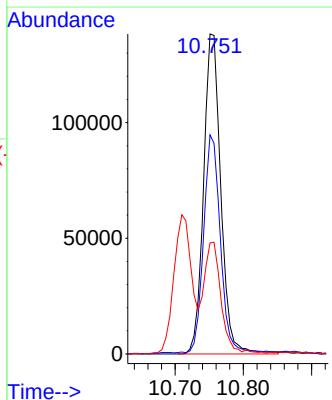
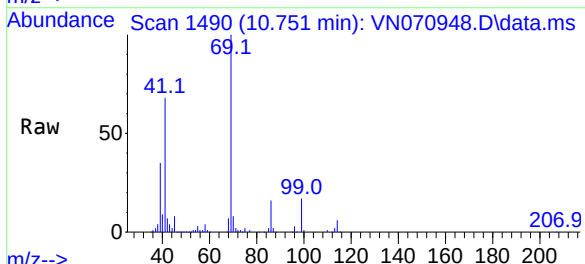
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	56.1	45.4	68.2
99	61.4	49.4	74.0

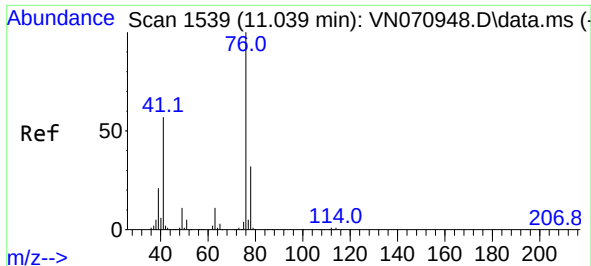


#56
Ethyl methacrylate
Concen: 19.561 ug/l
RT: 10.751 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 69 Resp: 243726

Ion	Ratio	Lower	Upper
69	100		
41	65.8	51.4	77.0
39	34.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.717 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

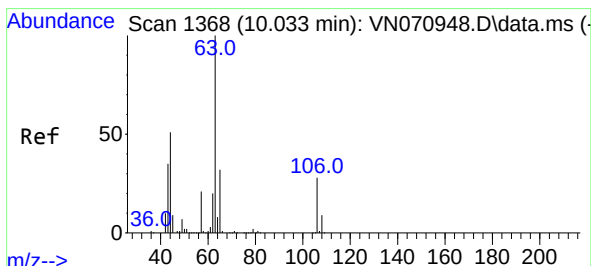
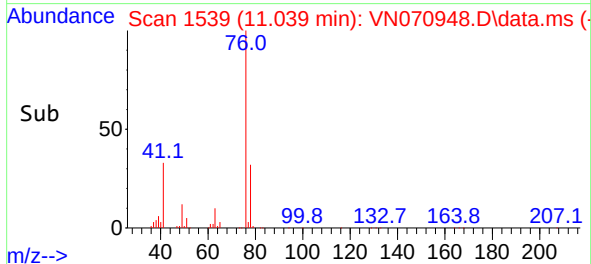
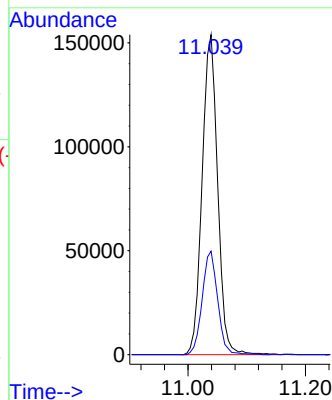
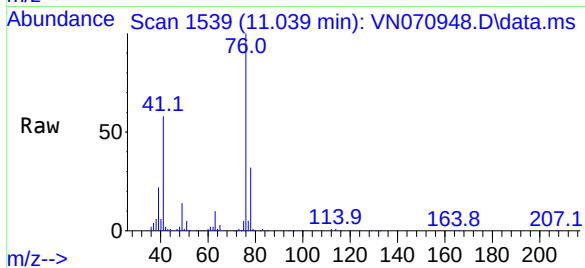
VSTDICC020

Tgt Ion: 76 Resp: 282032

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 86.482 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN070948.D

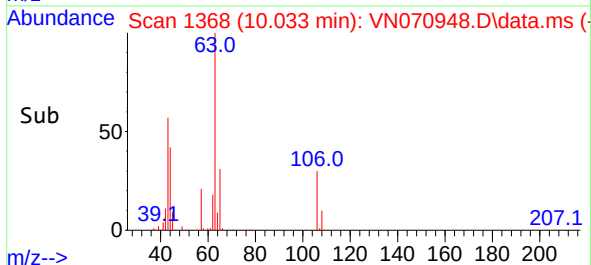
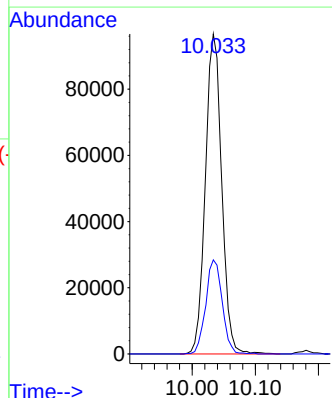
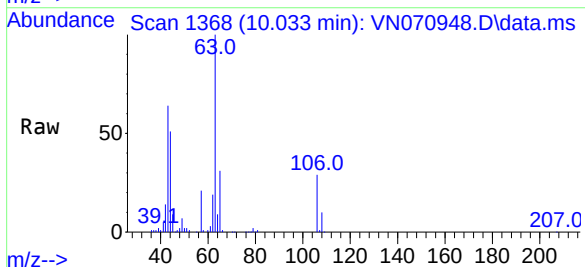
Acq: 15 Feb 2022 13:36

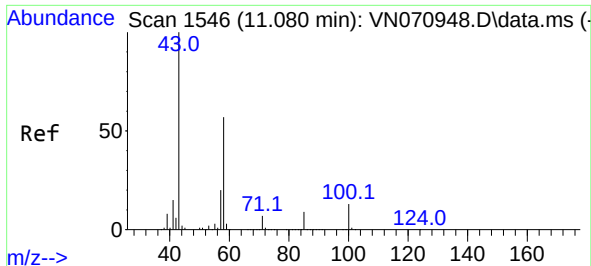
Tgt Ion: 63 Resp: 173638

Ion Ratio Lower Upper

63 100

106 29.8 23.9 35.9

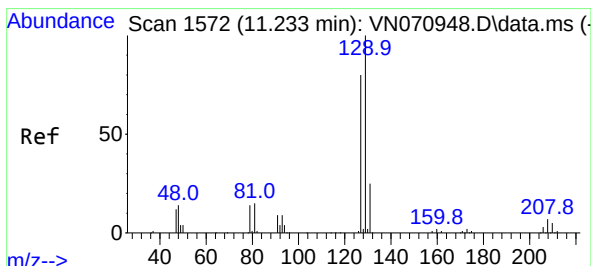
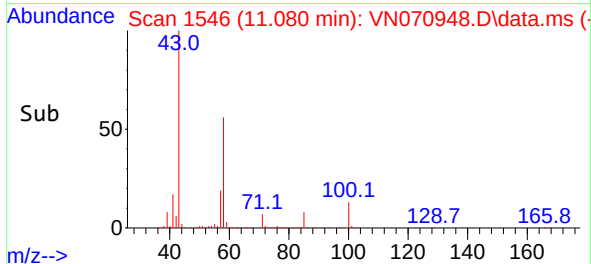
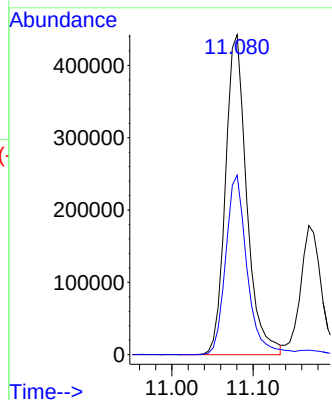
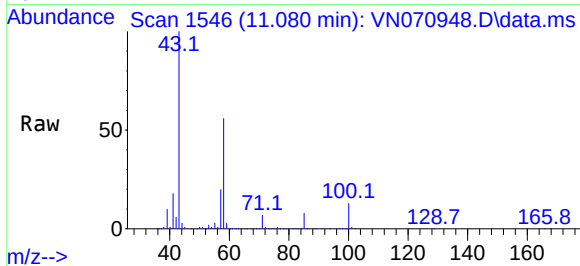




#59
2-Hexanone
Concen: 100.287 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

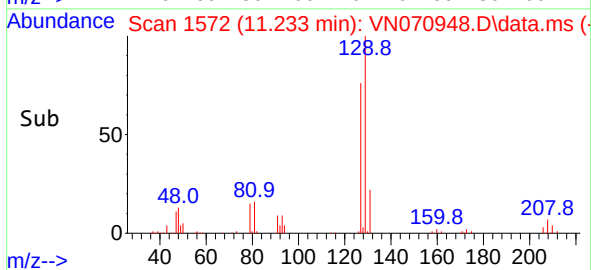
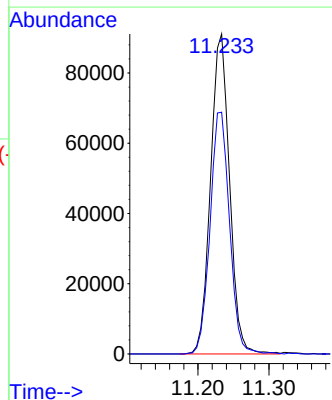
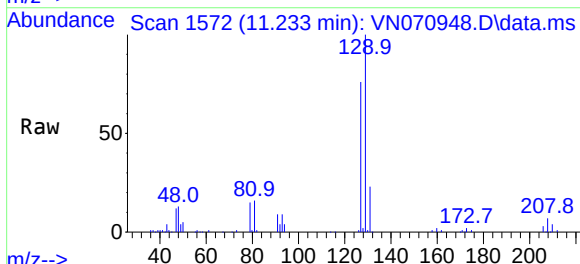
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

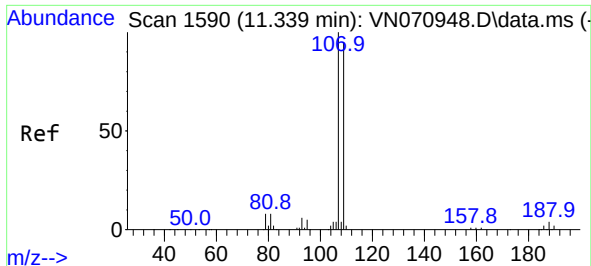
Tgt Ion: 43 Resp: 806307
Ion Ratio Lower Upper
43 100
58 56.4 26.9 80.7



#60
Dibromochloromethane
Concen: 19.325 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 129 Resp: 168891
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

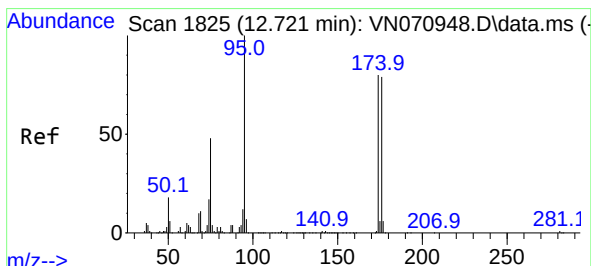
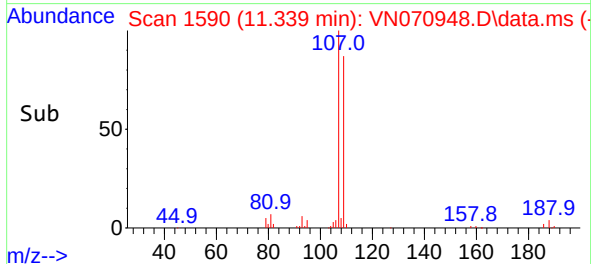
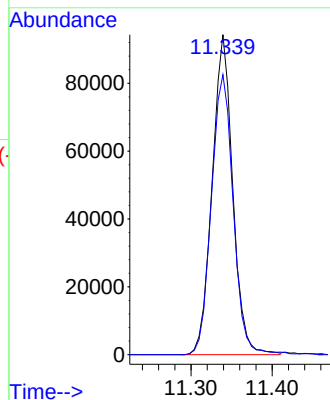
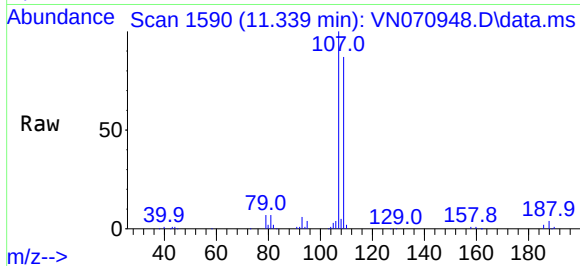




#61
1,2-Dibromoethane
Concen: 19.725 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

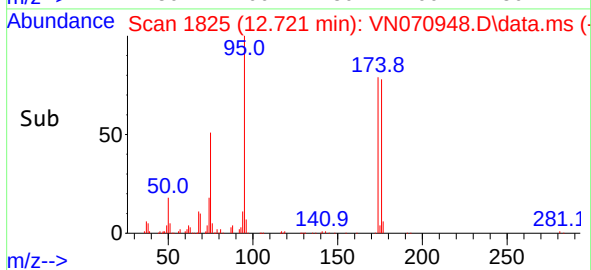
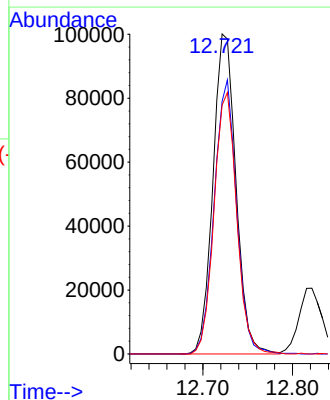
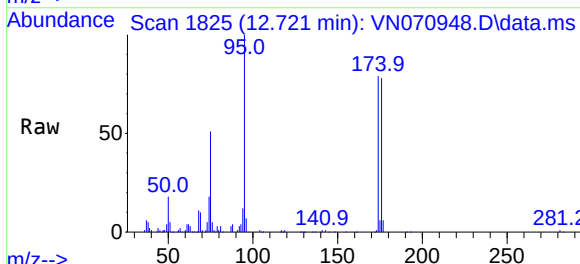
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

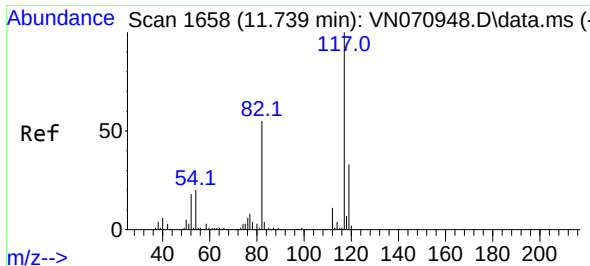
Tgt Ion:107 Resp: 165914
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 17.925 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 95 Resp: 178509
Ion Ratio Lower Upper
95 100
174 83.2 0.0 187.2
176 80.2 0.0 181.4

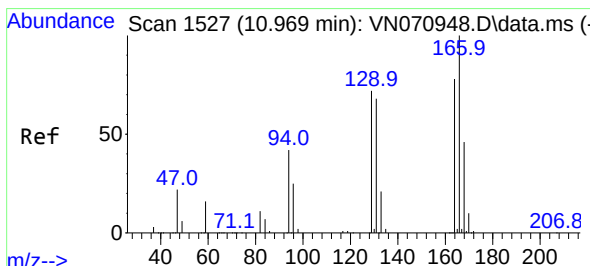
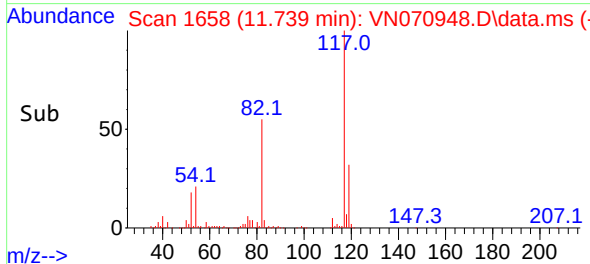
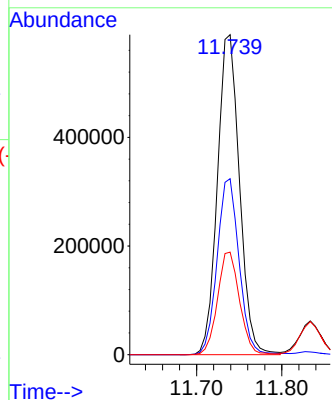
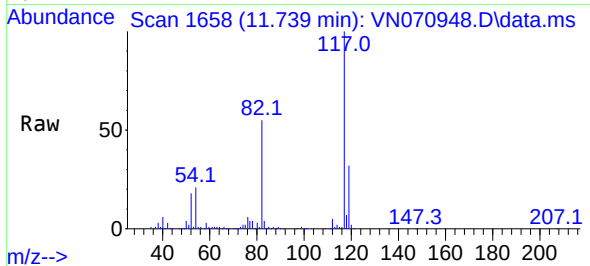




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

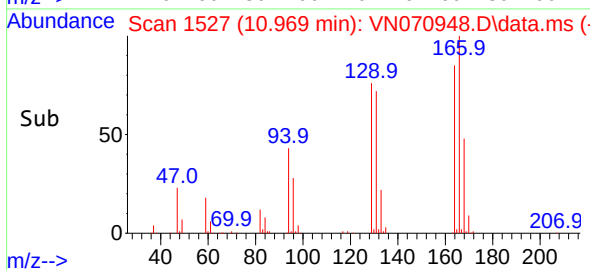
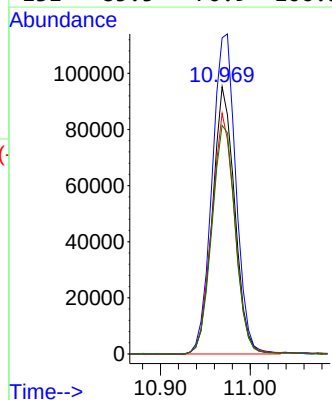
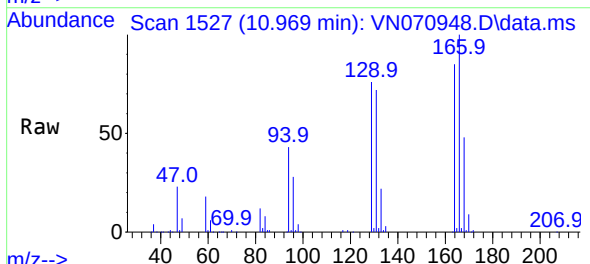
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

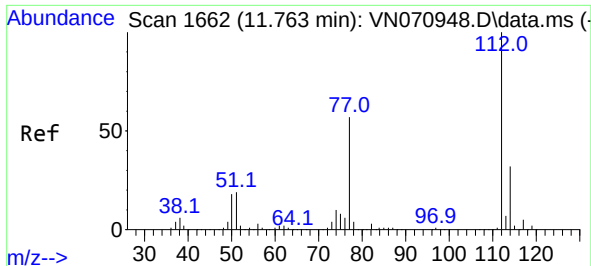
Tgt Ion:117 Resp: 1061167
Ion Ratio Lower Upper
117 100
82 55.0 42.4 63.6
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 19.948 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:164 Resp: 164853
Ion Ratio Lower Upper
164 100
166 118.3 101.9 152.9
129 90.0 72.0 108.0
131 85.5 70.9 106.3

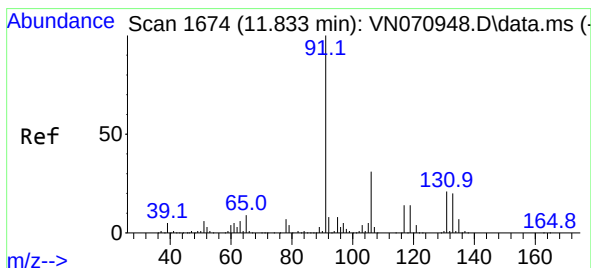
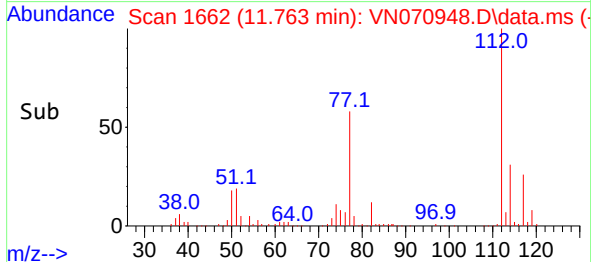
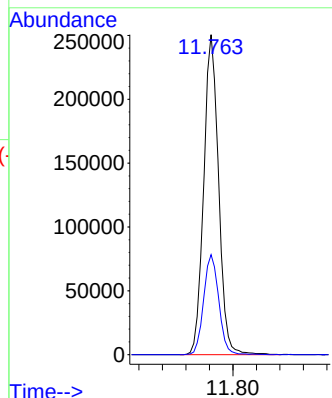
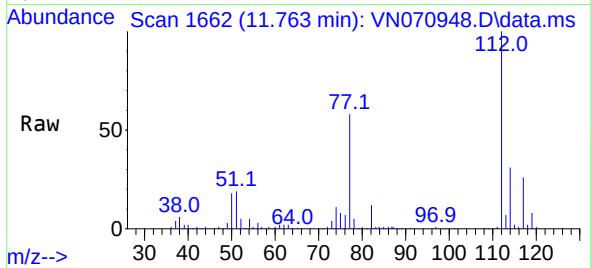




#65
Chlorobenzene
Concen: 19.295 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

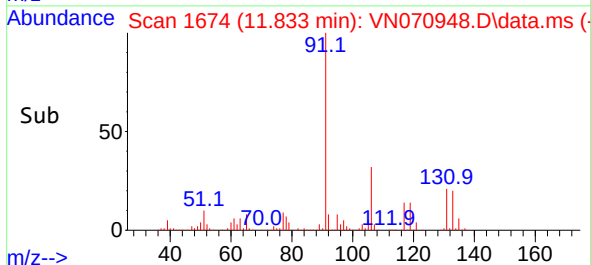
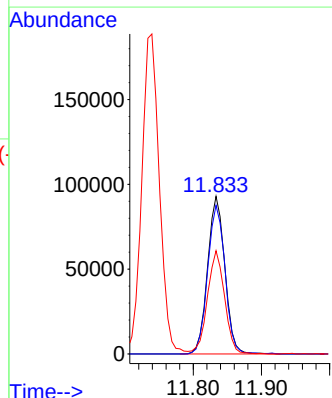
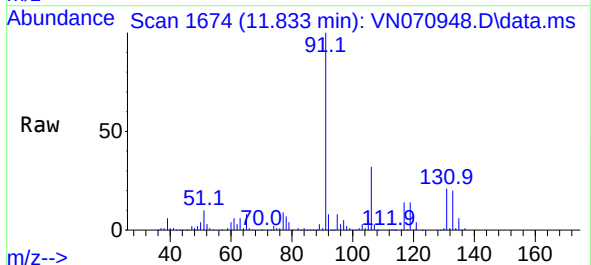
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

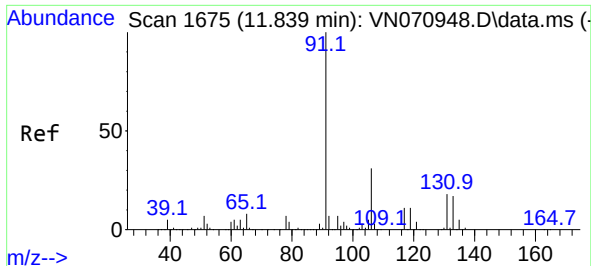
Tgt Ion:112 Resp: 441198
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.626 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:131 Resp: 163589
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 65.2 32.1 96.5

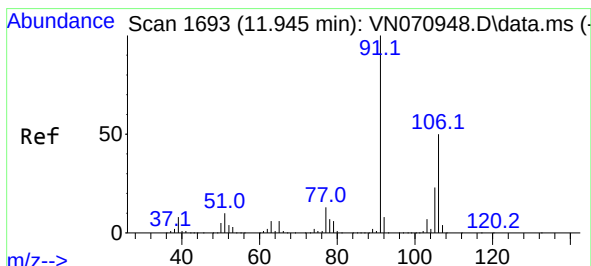
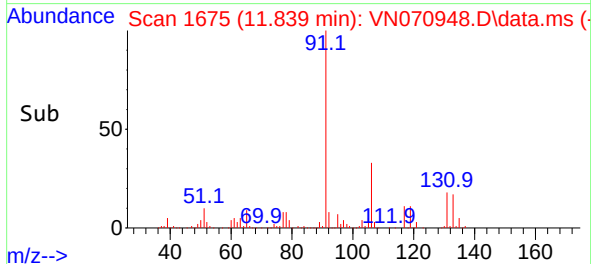
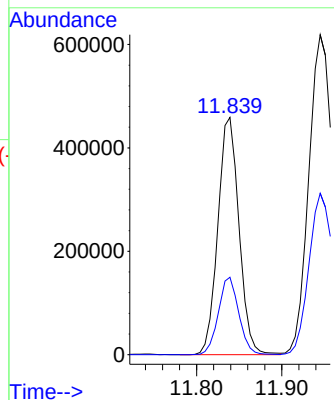
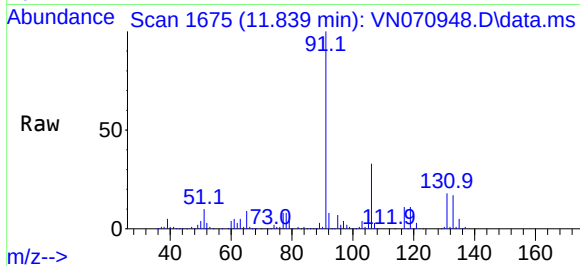




#67
Ethyl Benzene
Concen: 19.783 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

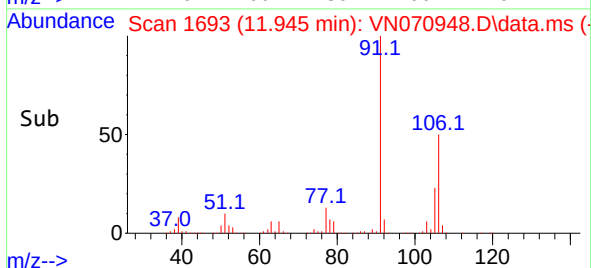
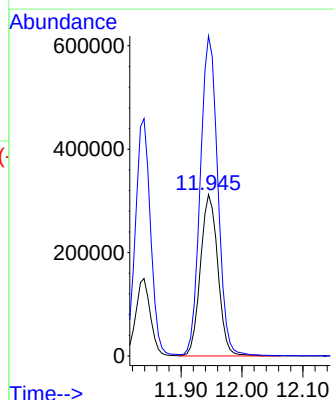
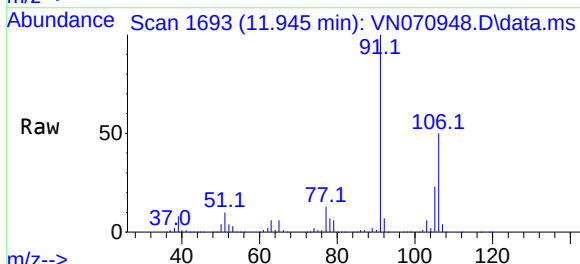
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

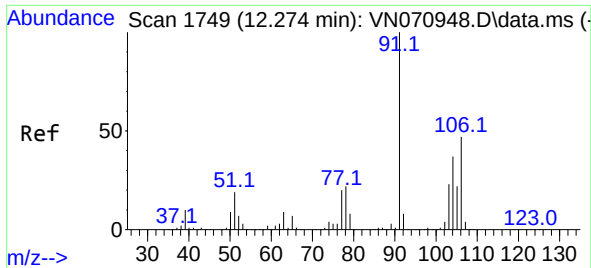
Tgt Ion: 91 Resp: 791760
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5



#68
m/p-Xylenes
Concen: 40.043 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 106 Resp: 619023
Ion Ratio Lower Upper
106 100
91 199.6 160.6 240.8

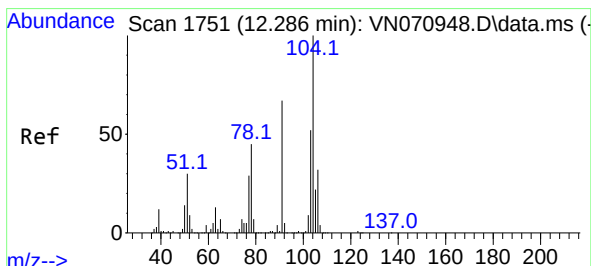
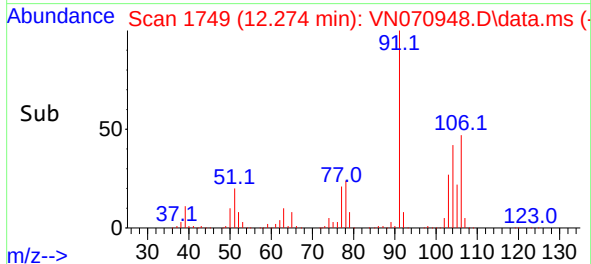
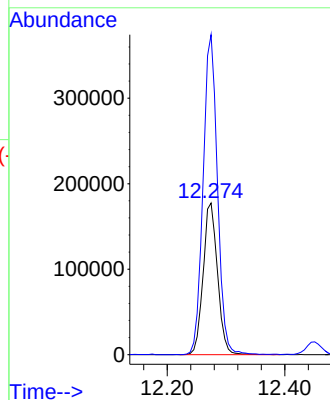
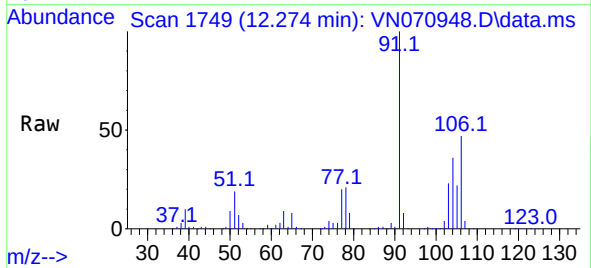




#69
o-Xylene
Concen: 19.970 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

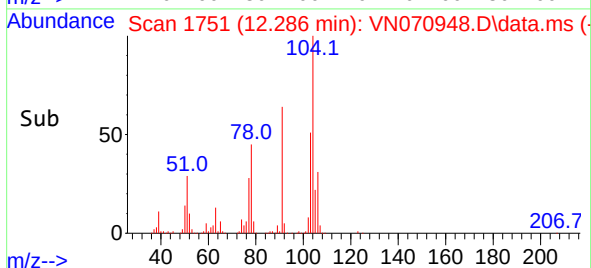
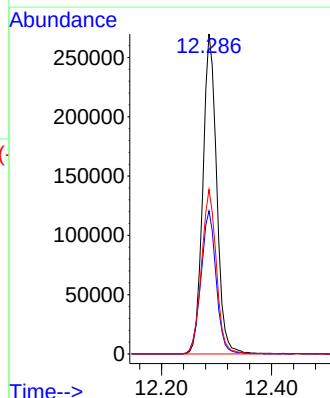
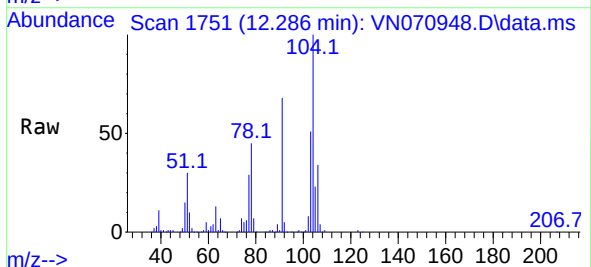
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

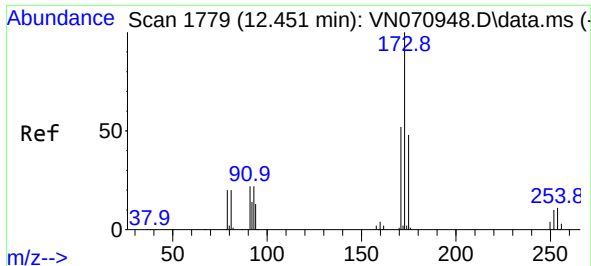
Tgt Ion:106 Resp: 301581
Ion Ratio Lower Upper
106 100
91 211.2 105.8 317.3



#70
Styrene
Concen: 19.702 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:104 Resp: 473084
Ion Ratio Lower Upper
104 100
78 48.4 38.7 58.1
103 55.1 45.0 67.6

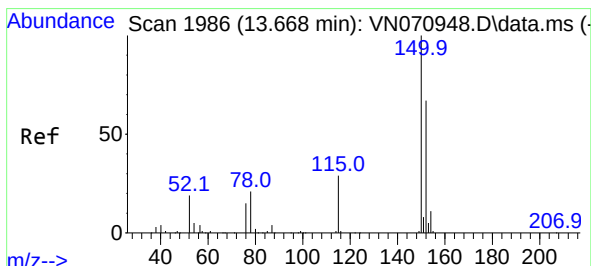
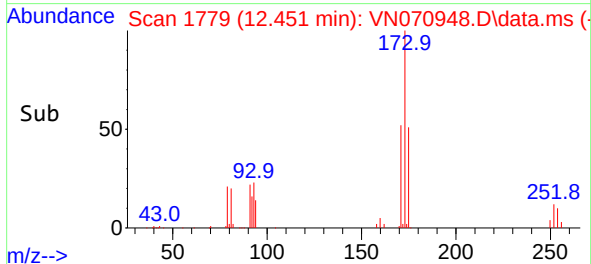
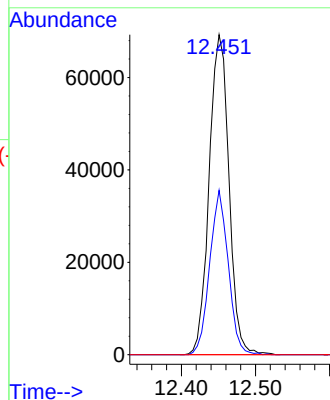
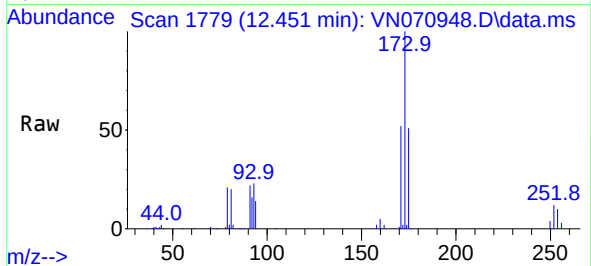




#71
Bromoform
Concen: 19.365 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

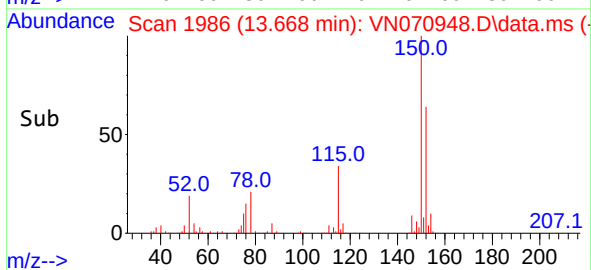
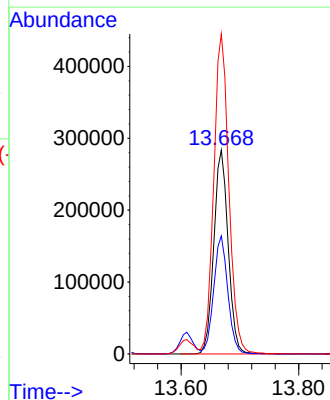
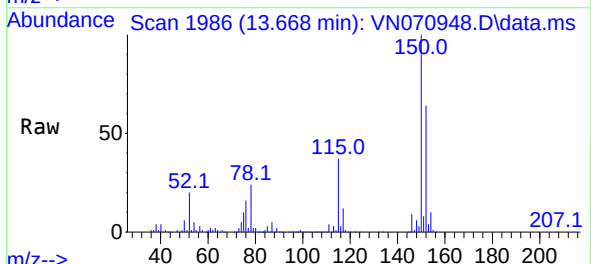
Instrument :
MSVOA_N
ClientSampleId :
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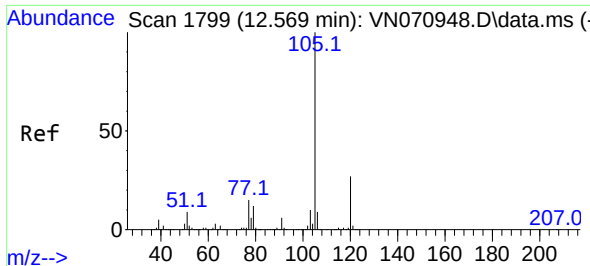
Tgt Ion:173 Resp: 128551
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:152 Resp: 480012
Ion Ratio Lower Upper
152 100
115 56.8 27.5 82.5
150 164.8 0.0 344.4

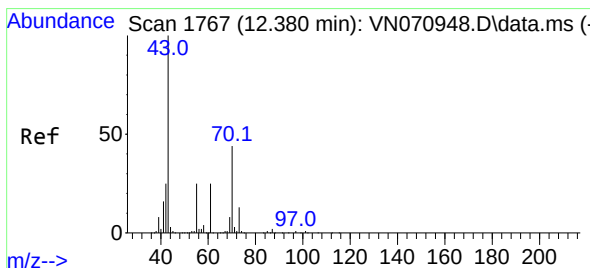
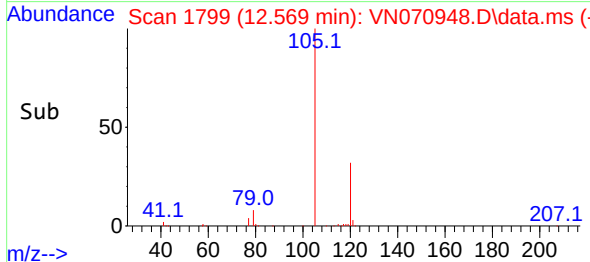
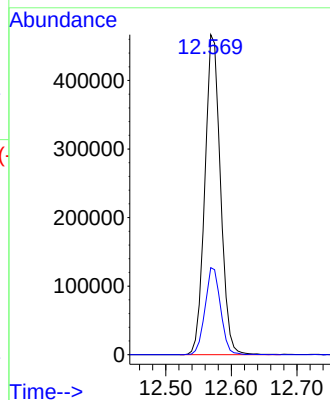
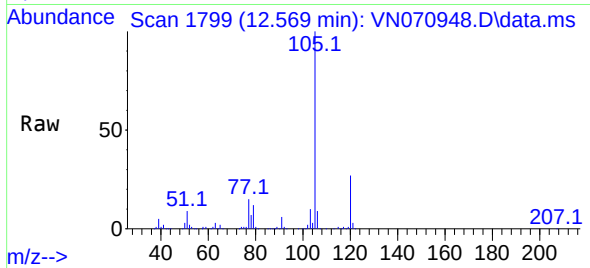




#73
Isopropylbenzene
Concen: 20.020 ug/l
RT: 12.569 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

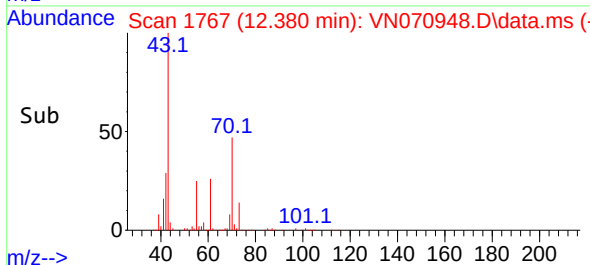
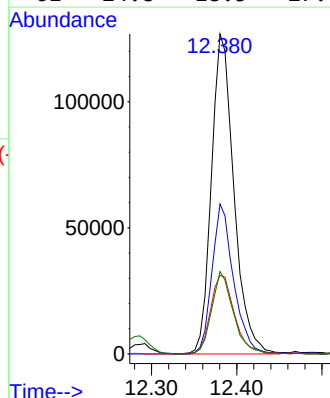
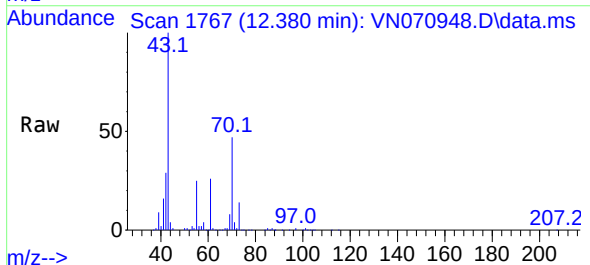
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

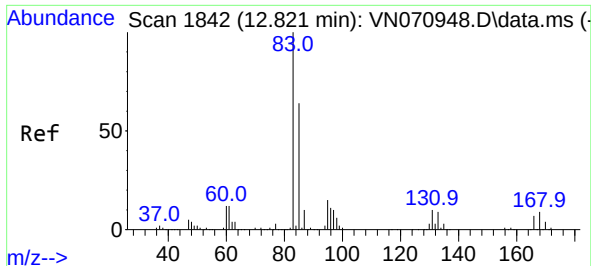
Tgt Ion:105 Resp: 773520
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 18.862 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 43 Resp: 232953
Ion Ratio Lower Upper
43 100
70 45.1 33.4 50.0
55 26.1 19.3 28.9
61 24.8 18.5 27.7

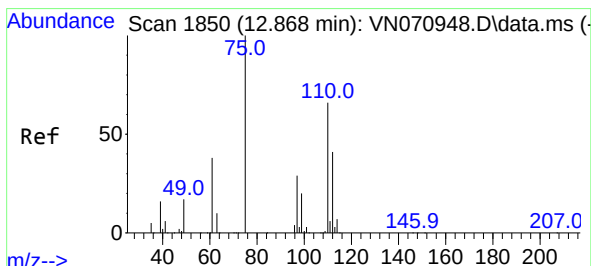
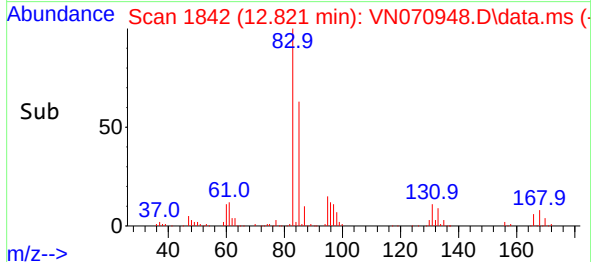
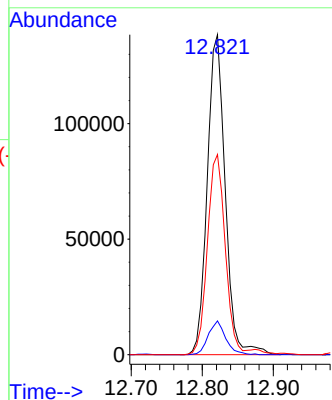
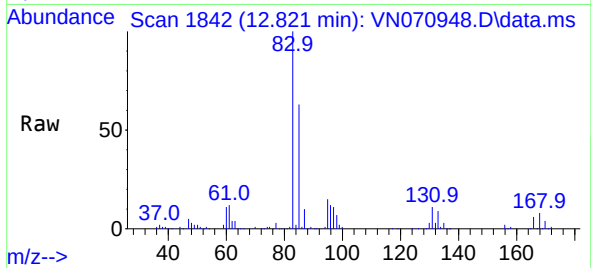




#75
1,1,2,2-Tetrachloroethane
Concen: 19.833 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

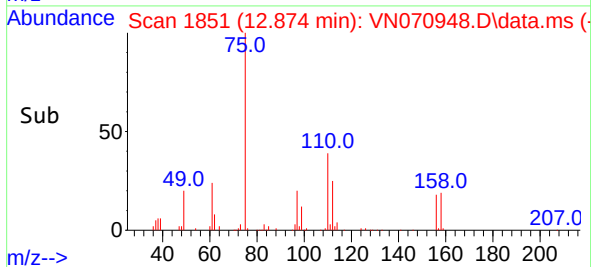
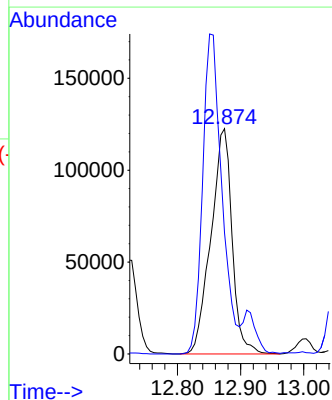
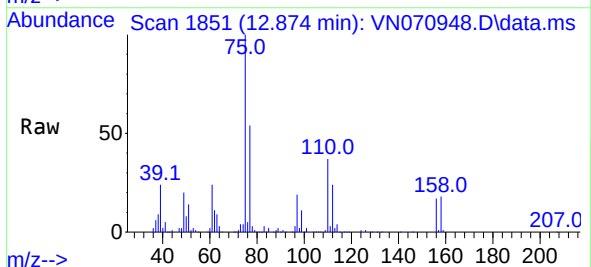
Instrument :
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ClientSampleId :
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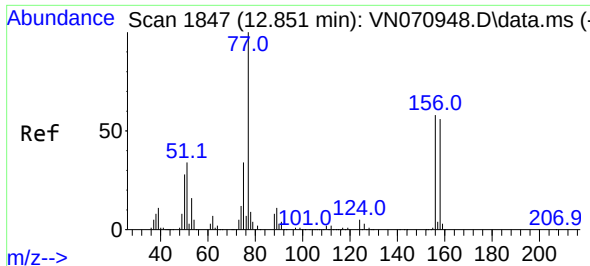
Tgt Ion: 83 Resp: 243504
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 62.0 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 25.309 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 75 Resp: 286038
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#

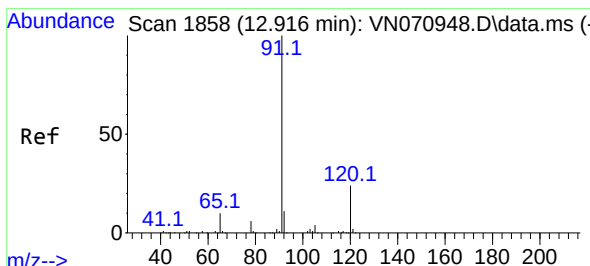
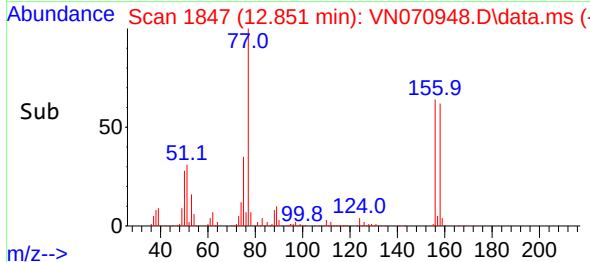
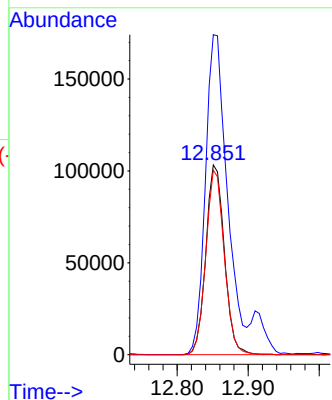
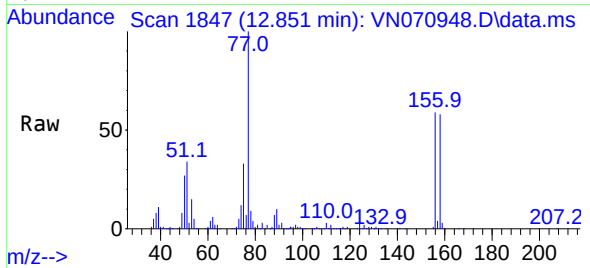




#77
Bromobenzene
Concen: 19.852 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

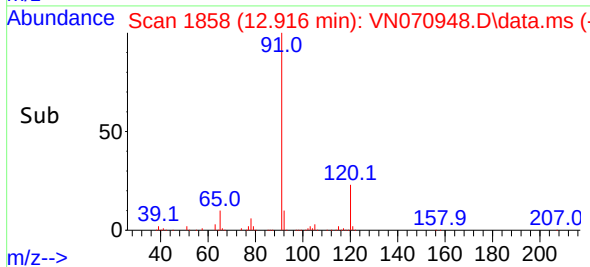
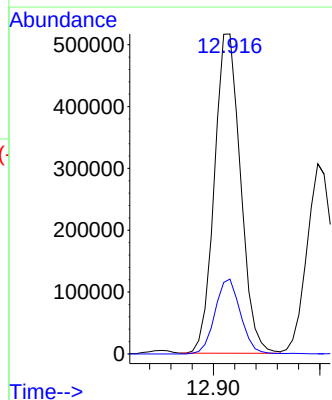
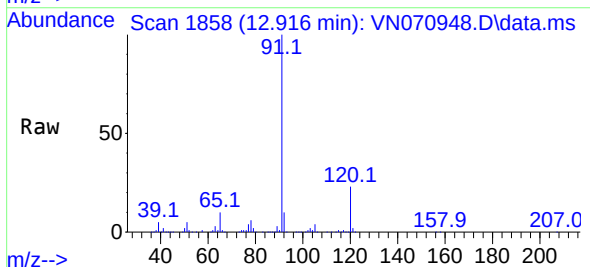
Instrument :
MSVOA_N
ClientSampleId :
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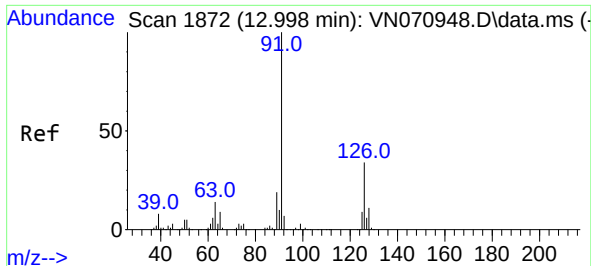
Tgt Ion:156 Resp: 187766
Ion Ratio Lower Upper
156 100
77 197.1 90.6 271.8
158 96.7 48.9 146.7



#78
n-propylbenzene
Concen: 20.258 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 91 Resp: 879420
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9

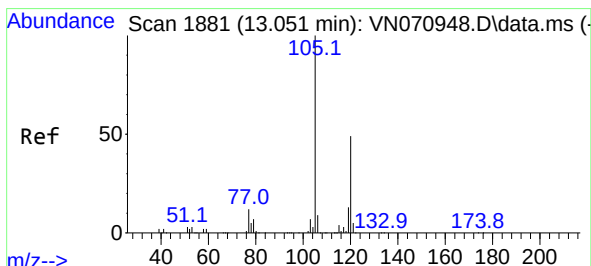
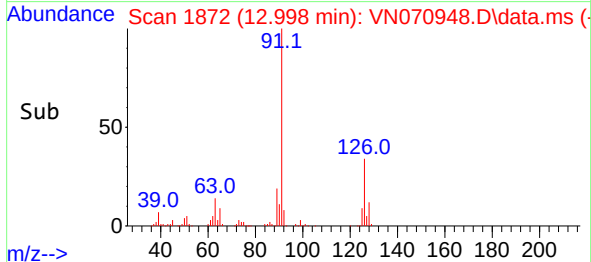
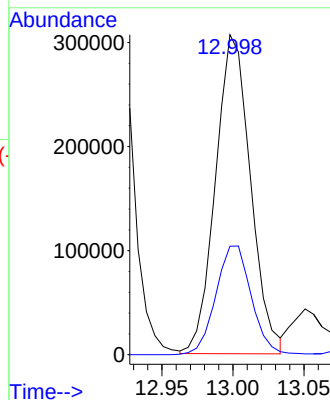
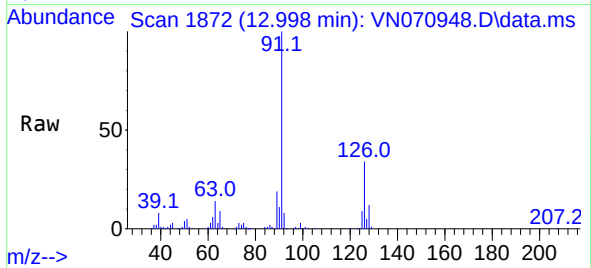




#79
2-Chlorotoluene
Concen: 19.930 ug/l
RT: 12.998 min Scan# 1872
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

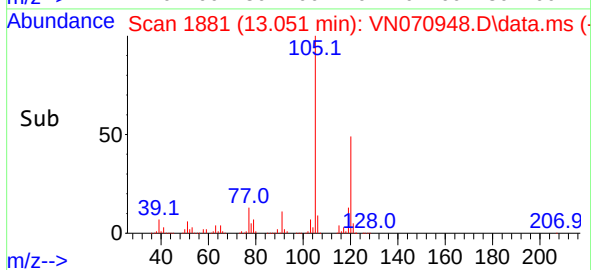
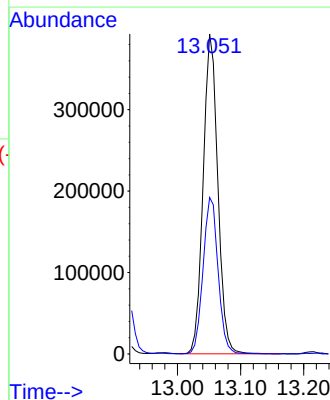
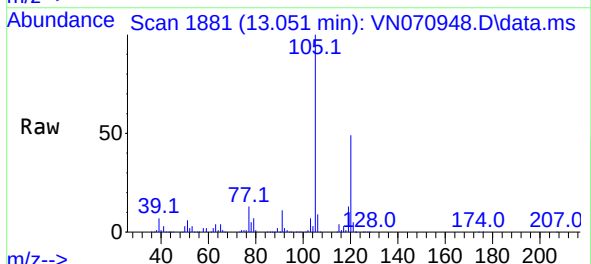
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ClientSampleId :
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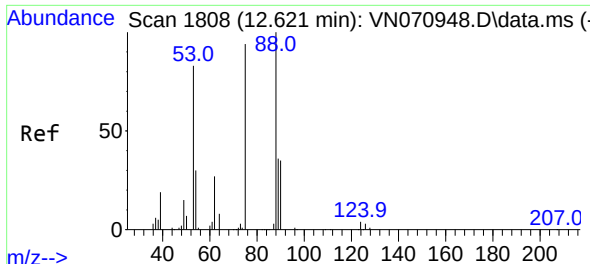
Tgt Ion: 91 Resp: 525408
Ion Ratio Lower Upper
91 100
126 34.7 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.208 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 105 Resp: 632530
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.6

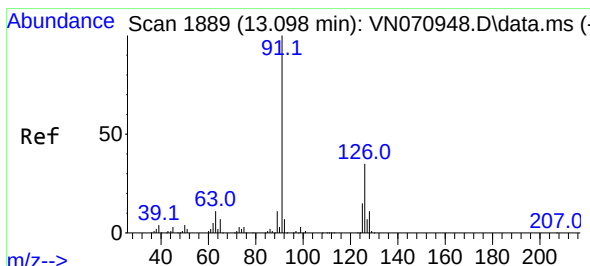
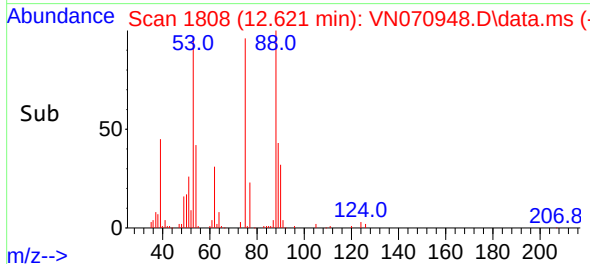
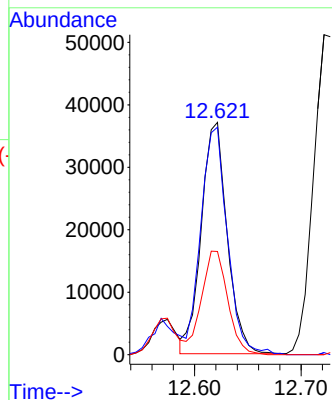
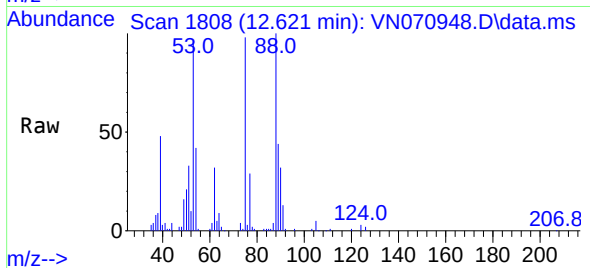




#81
trans-1,4-Dichloro-2-butene
Concen: 17.998 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

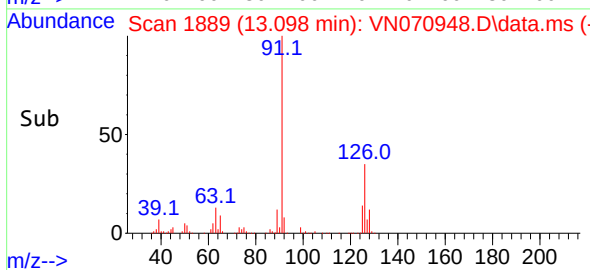
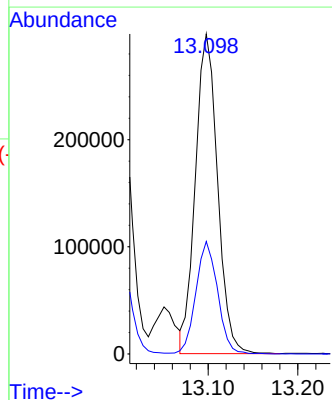
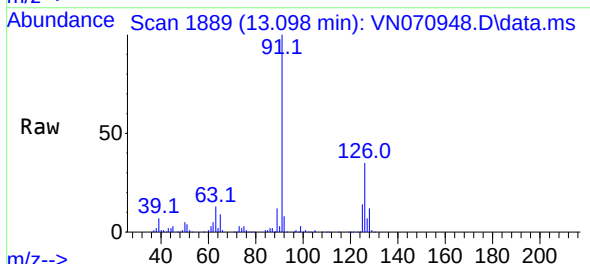
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

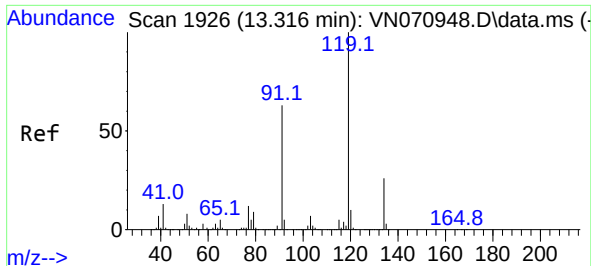
Tgt Ion: 75 Resp: 62773
Ion Ratio Lower Upper
75 100
53 100.2 90.5 135.7
89 45.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 19.967 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 91 Resp: 510968
Ion Ratio Lower Upper
91 100
126 34.6 18.2 54.6

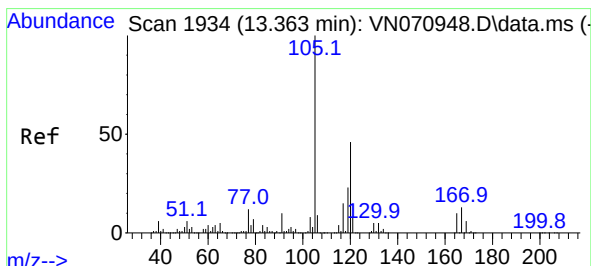
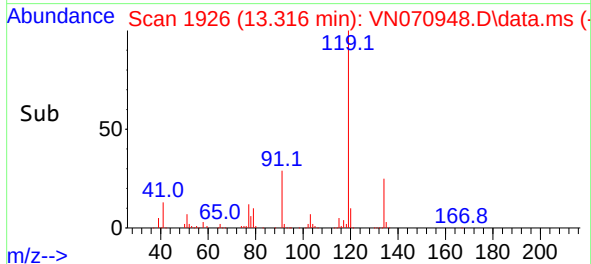
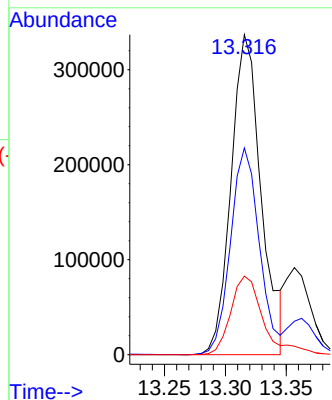
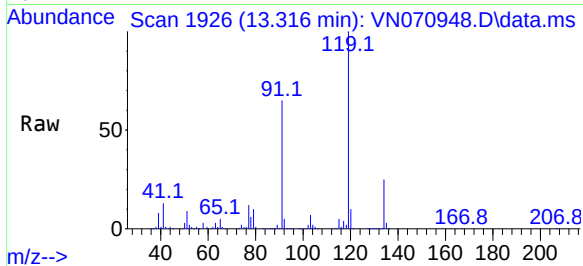




#83
tert-Butylbenzene
Concen: 19.517 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

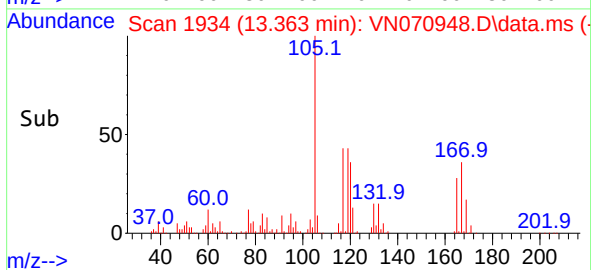
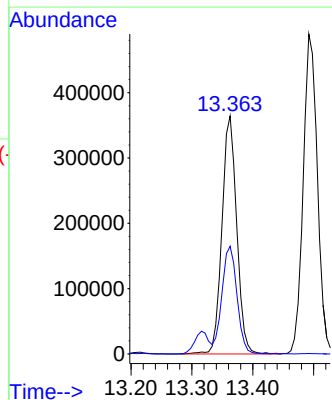
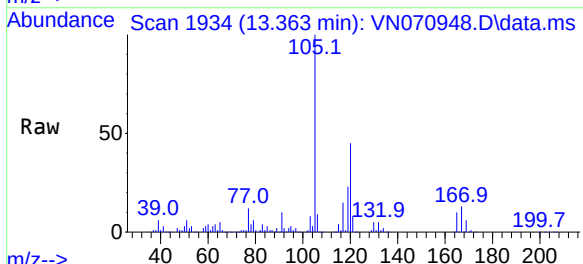
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

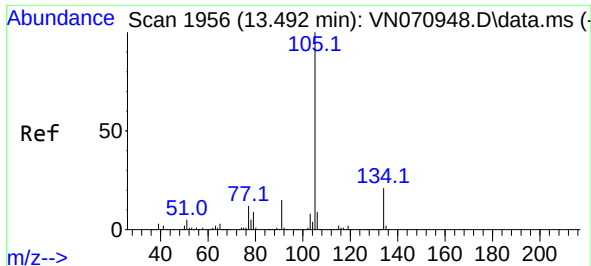
Tgt Ion:119 Resp: 579367
Ion Ratio Lower Upper
119 100
91 62.0 31.5 94.5
134 26.5 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.922 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:105 Resp: 613852
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.4

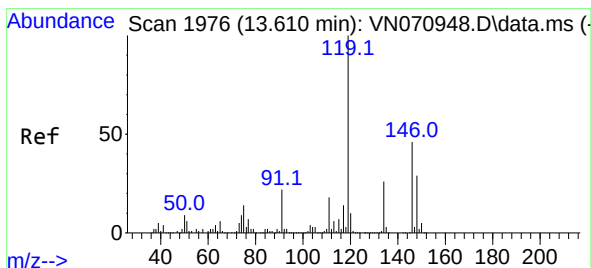
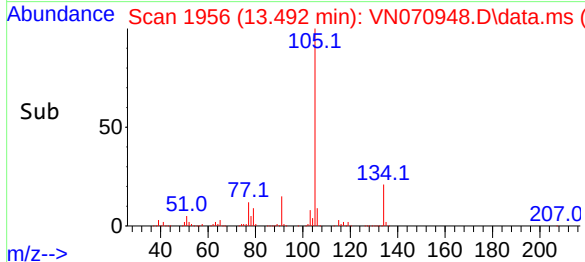
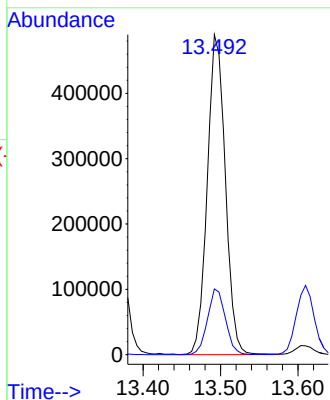
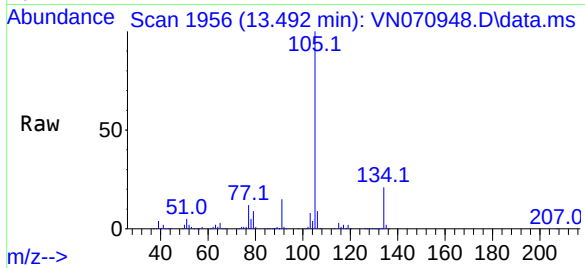




#85
 sec-Butylbenzene
 Concen: 20.240 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN070948.D
 Acq: 15 Feb 2022 13:36

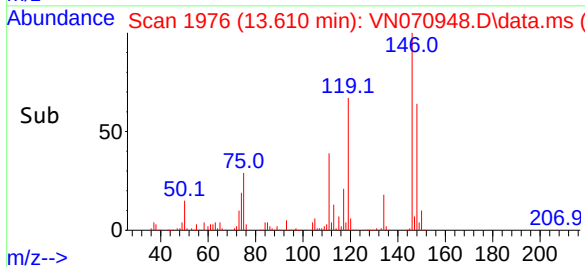
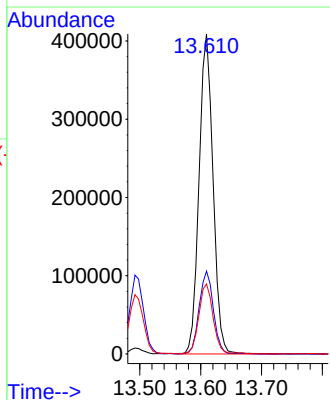
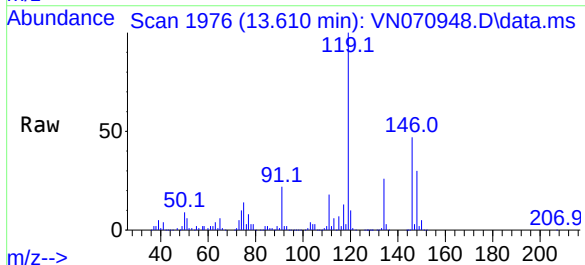
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

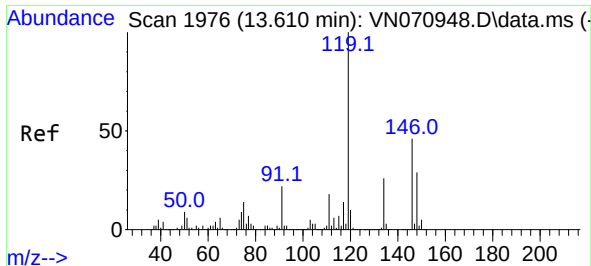
Tgt Ion:105 Resp: 791707
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.267 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN070948.D
 Acq: 15 Feb 2022 13:36

Tgt Ion:119 Resp: 650786
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 22.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.810 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

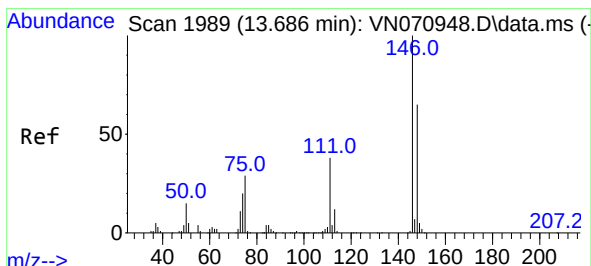
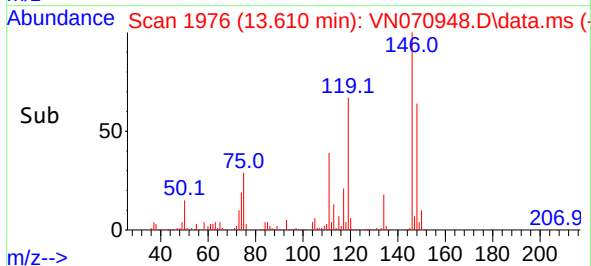
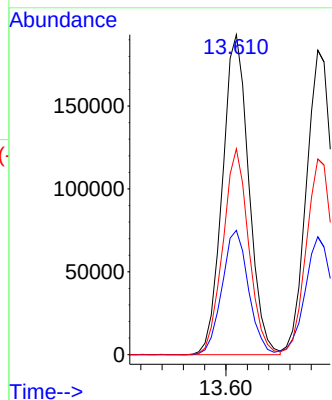
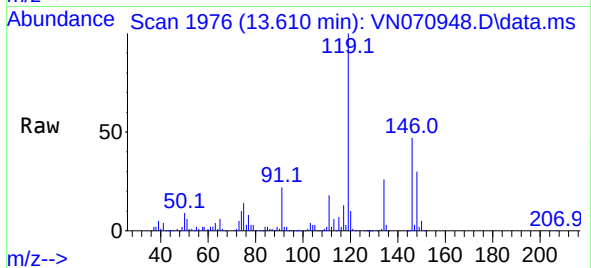
Tgt Ion:146 Resp: 331693

Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.6

148 63.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.506 ug/l

RT: 13.686 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN070948.D

Acq: 15 Feb 2022 13:36

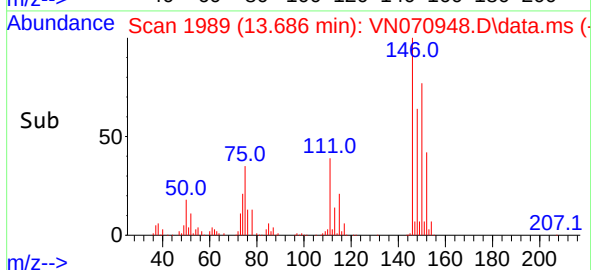
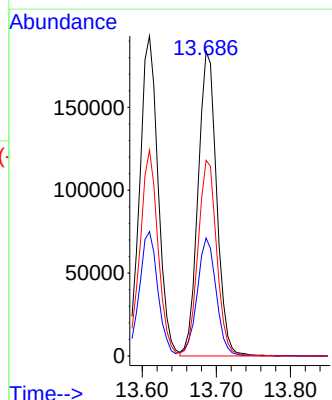
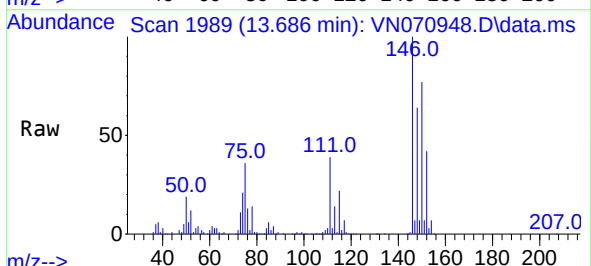
Tgt Ion:146 Resp: 319987

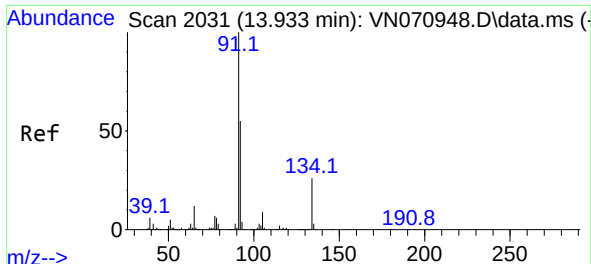
Ion Ratio Lower Upper

146 100

111 39.2 18.3 54.8

148 64.7 31.8 95.4

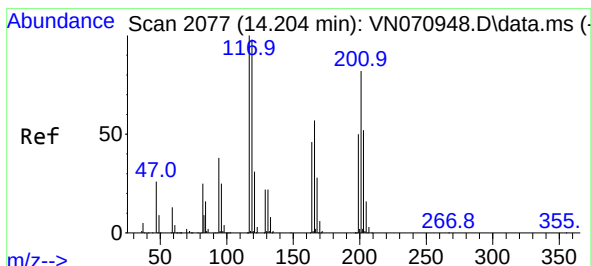
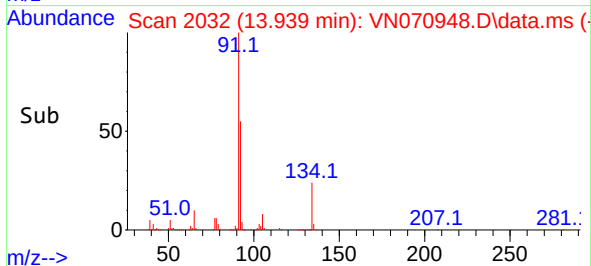
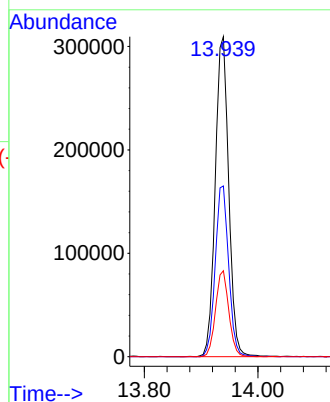
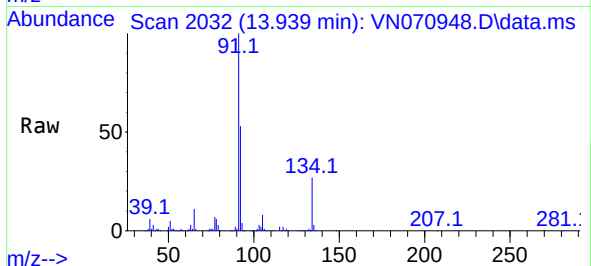




#89
n-Butylbenzene
Concen: 19.369 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

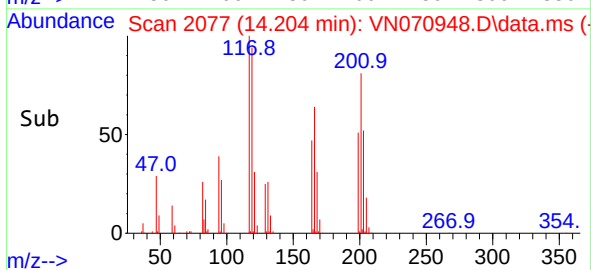
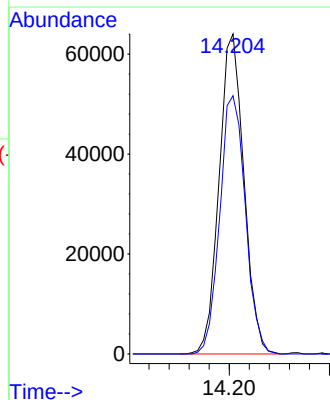
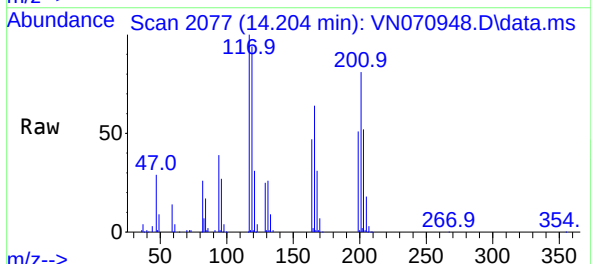
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

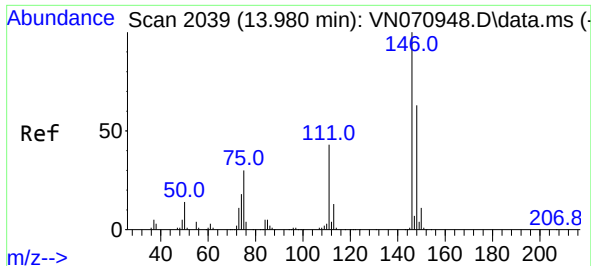
Tgt Ion: 91 Resp: 507446
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 26.4 13.6 40.8



#90
Hexachloroethane
Concen: 19.186 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 117 Resp: 110023
Ion Ratio Lower Upper
117 100
201 83.1 43.9 131.6

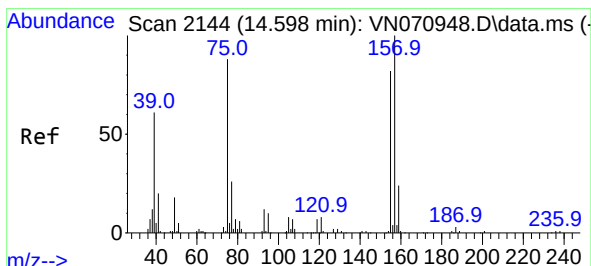
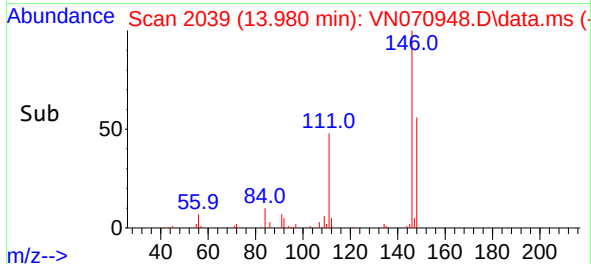
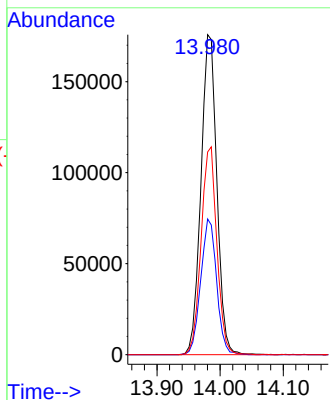
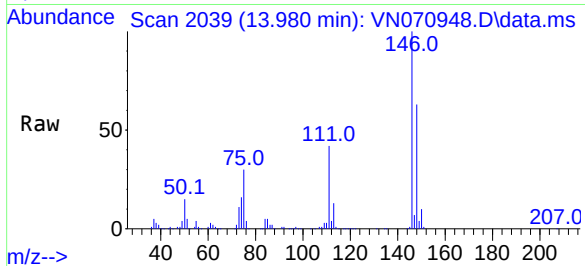




#91
1,2-Dichlorobenzene
Concen: 19.582 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

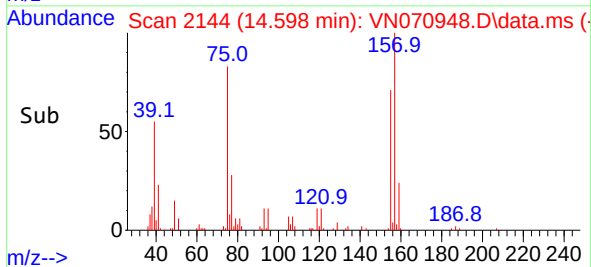
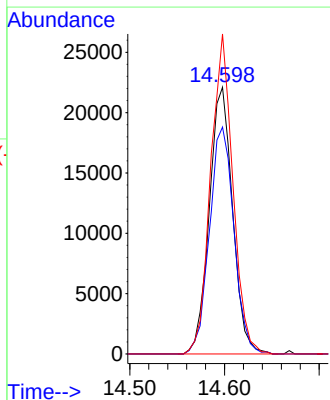
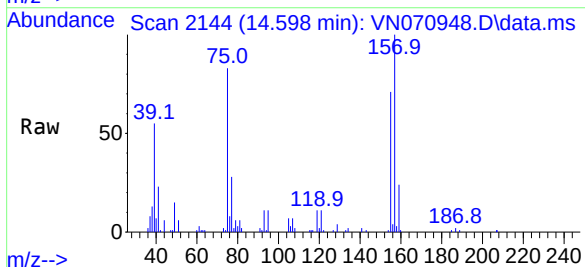
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

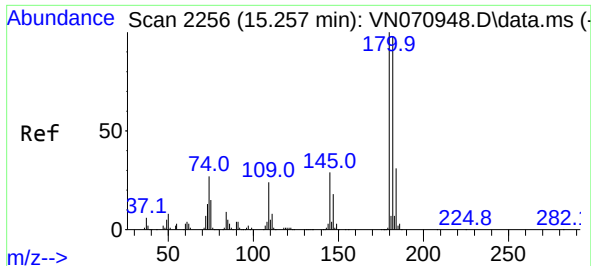
Tgt Ion:146 Resp: 307879
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 64.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.977 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion: 75 Resp: 37751
Ion Ratio Lower Upper
75 100
155 89.1 46.9 140.7
157 114.3 60.6 181.7

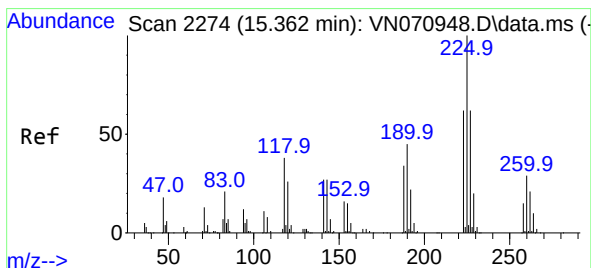
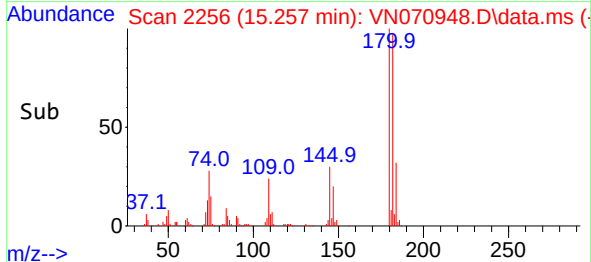
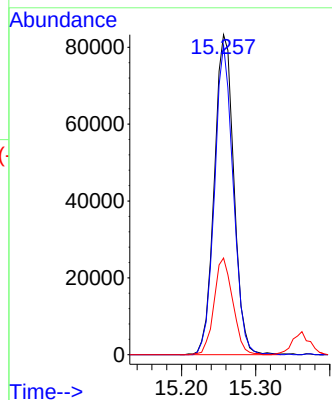
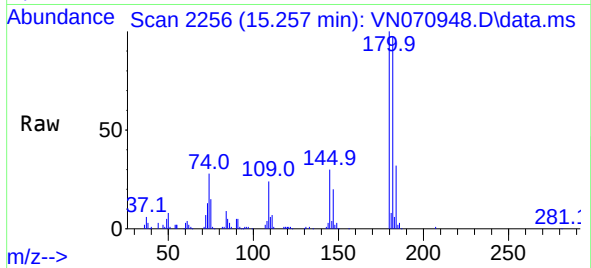




#93
1,2,4-Trichlorobenzene
Concen: 18.542 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

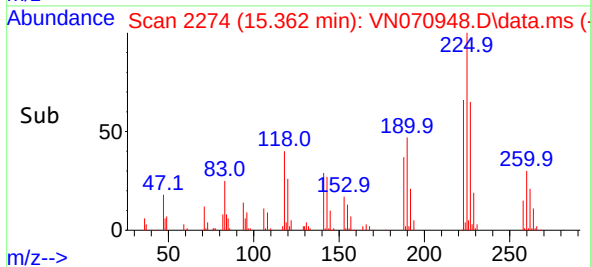
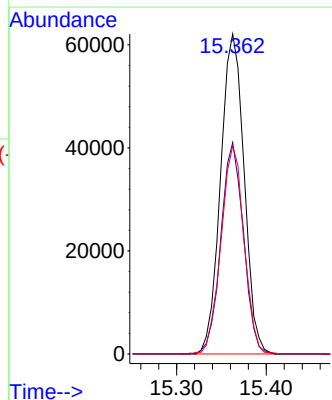
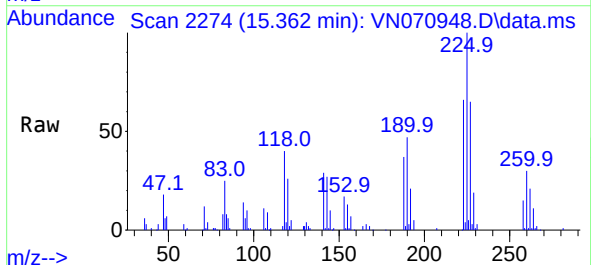
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

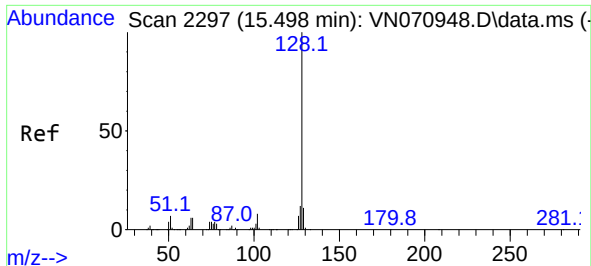
Tgt Ion:180 Resp: 152283
Ion Ratio Lower Upper
180 100
182 92.6 48.3 144.9
145 29.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 19.708 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:225 Resp: 112997
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 63.4 32.1 96.3

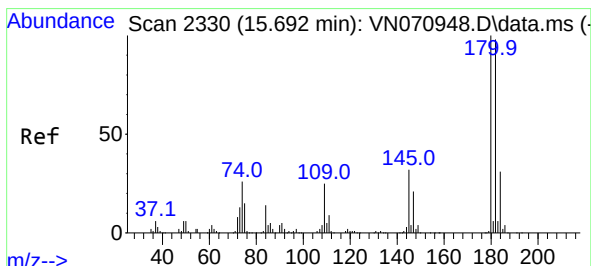
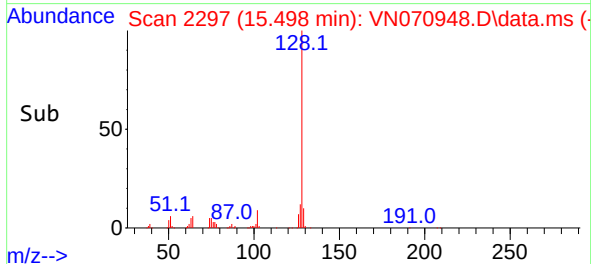
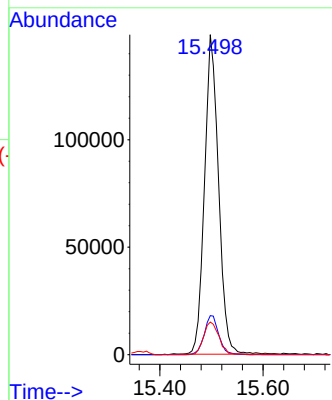
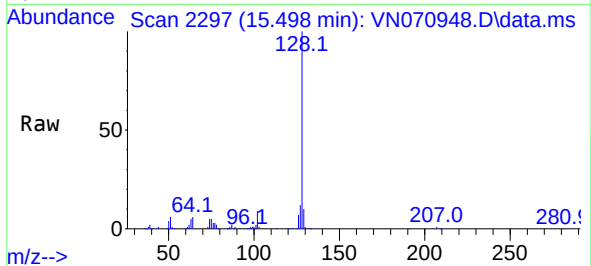




#95
Naphthalene
Concen: 16.722 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 279692
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.165 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN070948.D
Acq: 15 Feb 2022 13:36

Tgt Ion:180 Resp: 134252
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 31.2 15.0 45.1

