

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072584.D
 Acq On : 24 May 2022 13:27
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: May 24 14:56:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 24 14:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	170691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	264912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	242791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	95044	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	18881	7.431	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	14.860%#
35) Dibromofluoromethane	8.016	113	15831	8.940	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	17.880%#
50) Toluene-d8	10.439	98	61276	9.112	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	18.220%#
62) 4-Bromofluorobenzene	12.727	95	18820	7.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	15.160%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.063	85	16086	8.310	ug/l	95
3) Chloromethane	2.293	50	19926	10.815	ug/l	98
4) Vinyl Chloride	2.434	62	16228	10.769	ug/l	92
5) Bromomethane	2.810	94	8973	6.821	ug/l	94
6) Chloroethane	2.993	64	10447	6.424	ug/l	97
7) Trichlorofluoromethane	3.351	101	27851	8.366	ug/l	99
8) Diethyl Ether	3.822	74	10627	10.330	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.204	101	16182	9.930	ug/l	99
10) Methyl Iodide	4.416	142	18420	8.887	ug/l	98
11) Tert butyl alcohol	5.363	59	17473	65.433	ug/l	95
12) 1,1-Dichloroethene	4.175	96	14544	10.088	ug/l	96
13) Acrolein	4.040	56	10633	32.986	ug/l	96
14) Allyl chloride	4.828	41	27405	11.214	ug/l	90
15) Acrylonitrile	5.545	53	58627	59.557	ug/l	99
16) Acetone	4.275	43	46729	55.651	ug/l	96
17) Carbon Disulfide	4.522	76	37041	9.995	ug/l	99
18) Methyl Acetate	4.851	43	28593	11.237	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	53389	9.279	ug/l	96
20) Methylene Chloride	5.087	84	20459	10.471	ug/l	97
21) trans-1,2-Dichloroethene	5.587	96	16530	10.408	ug/l	93
22) Diisopropyl ether	6.487	45	60540	11.219	ug/l	97
23) Vinyl Acetate	6.422	43	255723	55.006	ug/l	95
24) 1,1-Dichloroethane	6.375	63	32744	10.150	ug/l	97
25) 2-Butanone	7.328	43	77628	58.161	ug/l	93
26) 2,2-Dichloropropane	7.322	77	24379	8.359	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	20572	10.379	ug/l	97
28) Bromochloromethane	7.657	49	13886	10.631	ug/l	95
29) Tetrahydrofuran	7.681	42	51491	63.782	ug/l	92
30) Chloroform	7.810	83	33663	9.223	ug/l	99
31) Cyclohexane	8.086	56	31224	10.342	ug/l #	93
32) 1,1,1-Trichloroethane	8.004	97	28063	8.478	ug/l	97
36) 1,1-Dichloropropene	8.216	75	24603	10.015	ug/l	97
37) Ethyl Acetate	7.404	43	32622	11.639	ug/l	97
38) Carbon Tetrachloride	8.198	117	26242	8.762	ug/l	94
39) Methylcyclohexane	9.451	83	29000	9.904	ug/l	96
40) Benzene	8.451	78	78185	10.708	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	16590	12.194	ug/l #	83
42) 1,2-Dichloroethane	8.522	62	25910	7.961	ug/l	99
43) Isopropyl Acetate	8.557	43	44891	10.179	ug/l	99
44) Trichloroethene	9.210	130	19771	9.941	ug/l	96
45) 1,2-Dichloropropane	9.480	63	20227	11.094	ug/l	96
46) Dibromomethane	9.569	93	13265	9.824	ug/l	97
47) Bromodichloromethane	9.757	83	26370	9.522	ug/l #	99
48) Methyl methacrylate	9.557	41	21614	10.269	ug/l	97
49) 1,4-Dioxane	9.563	88	8674	379.426	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	160070	55.202	ug/l	96
52) Toluene	10.498	92	50588	10.817	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	27547	9.331	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	30083	10.138	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	20594	10.137	ug/l	92
56) Ethyl methacrylate	10.757	69	32130	10.596	ug/l	97
57) 1,3-Dichloropropane	11.039	76	35373	10.353	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	67542	80.403	ug/l	96
59) 2-Hexanone	11.080	43	111870	55.370	ug/l	96
60) Dibromochloromethane	11.233	129	21536	9.371	ug/l	98
61) 1,2-Dibromoethane	11.339	107	20974	9.974	ug/l	95
64) Tetrachloroethene	10.975	164	18581	10.717	ug/l	96
65) Chlorobenzene	11.763	112	54212	10.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	20785	10.232	ug/l	99
67) Ethyl Benzene	11.839	91	92013	10.481	ug/l	99
68) m/p-Xylenes	11.945	106	72761	21.626	ug/l	97
69) o-Xylene	12.274	106	34454	10.077	ug/l	99
70) Styrene	12.292	104	54806	10.409	ug/l	98
71) Bromoform	12.451	173	16898	10.675	ug/l #	100
73) Isopropylbenzene	12.574	105	89855	11.285	ug/l	100
74) N-amyl acetate	12.386	43	32094	11.714	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	31902	12.757	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	37429	13.407	ug/l	48
77) Bromobenzene	12.857	156	21485	10.432	ug/l	97
78) n-propylbenzene	12.916	91	98197	11.254	ug/l	99
79) 2-Chlorotoluene	13.004	91	60481	10.527	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	69840	10.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.616	75	8882	12.133	ug/l	97
82) 4-Chlorotoluene	13.098	91	55701	10.375	ug/l	97
83) tert-Butylbenzene	13.316	119	65676	11.126	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	68433	10.387	ug/l	99
85) sec-Butylbenzene	13.498	105	86789	11.267	ug/l	100
86) p-Isopropyltoluene	13.610	119	67409	10.710	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	35992	10.685	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	34269	10.493	ug/l	93
89) n-Butylbenzene	13.933	91	50065	10.489	ug/l	99
90) Hexachloroethane	14.204	117	12854	11.426	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	34710	10.377	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	5235	10.481	ug/l	91
93) 1,2,4-Trichlorobenzene	15.257	180	18702	12.525	ug/l	100
94) Hexachlorobutadiene	15.362	225	10908	11.758	ug/l	95
95) Naphthalene	15.498	128	59958	13.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	19585	12.659	ug/l	100

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ClientSampleId :
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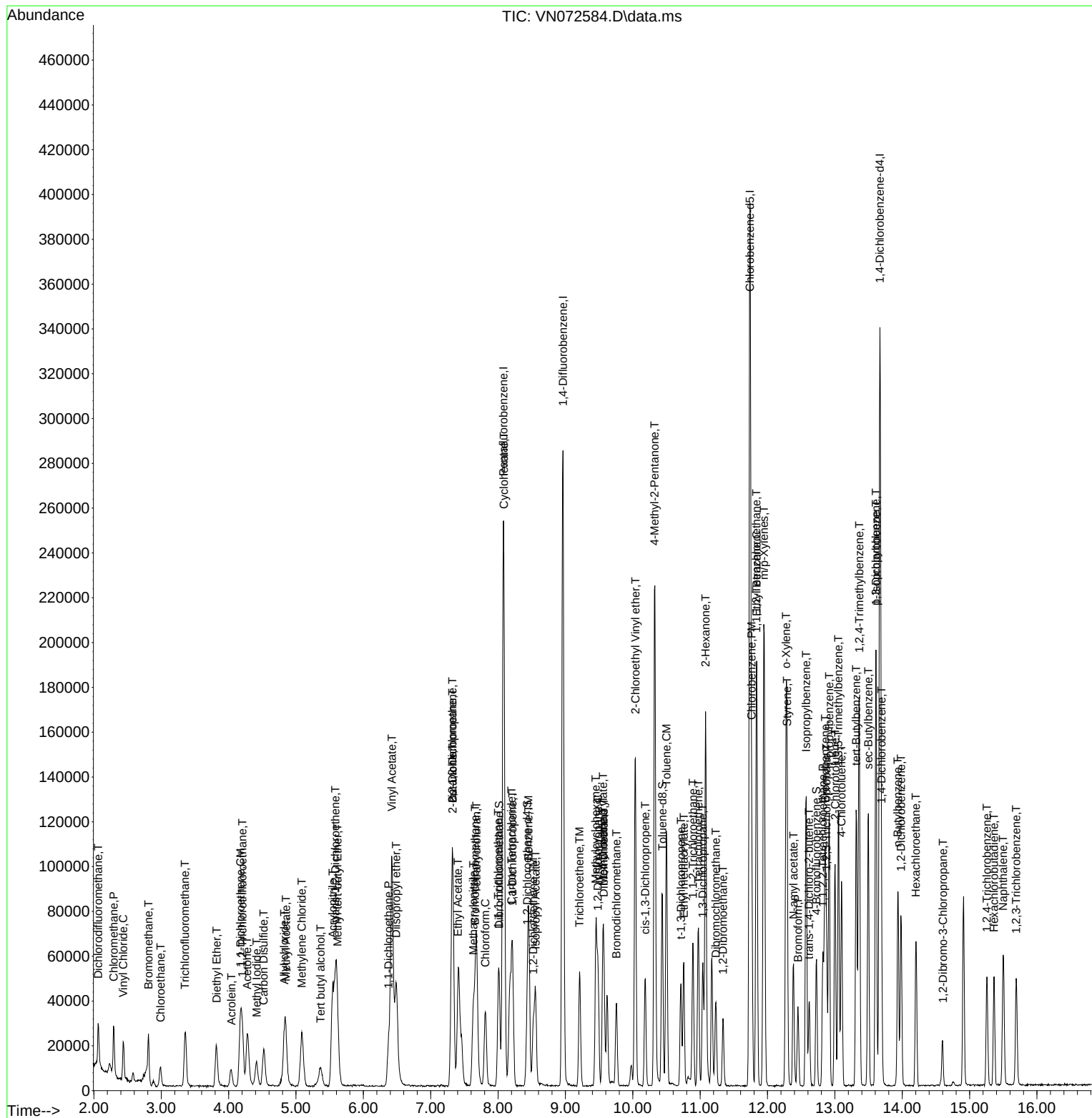
Quant Time: May 24 14:56:16 2022
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QLast Update : Tue May 24 14:54:19 2022
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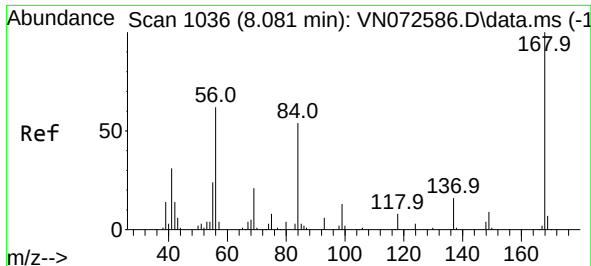
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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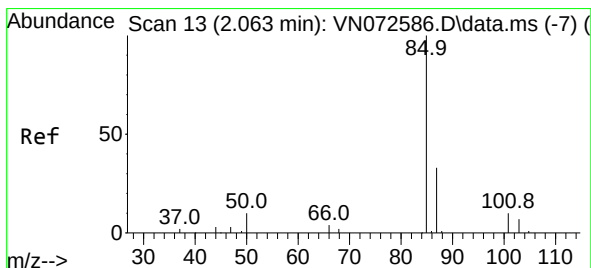
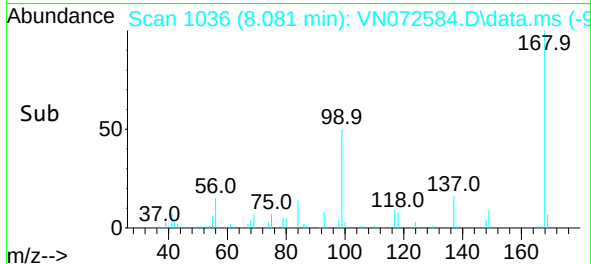
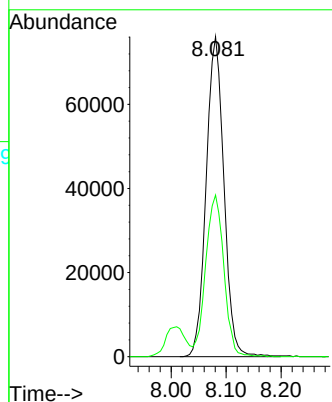
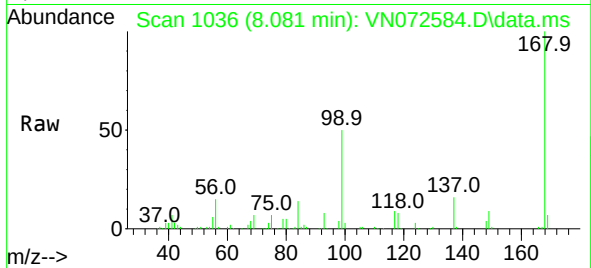




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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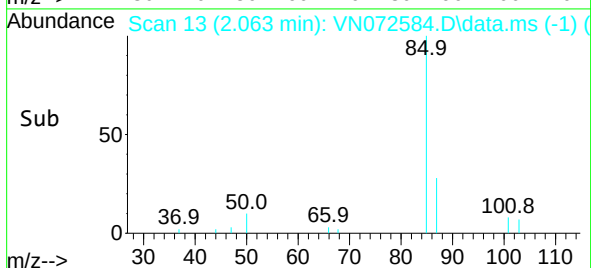
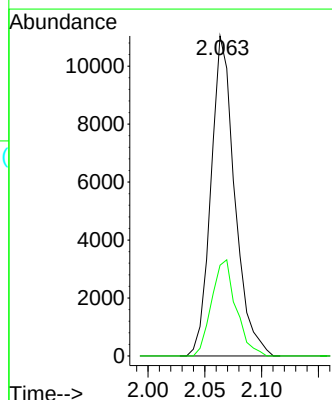
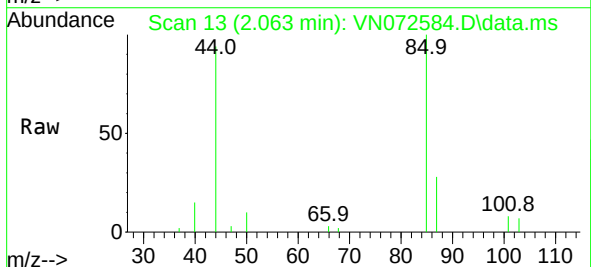
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MSVOA_N
ClientSampleId :
VSTDIC010

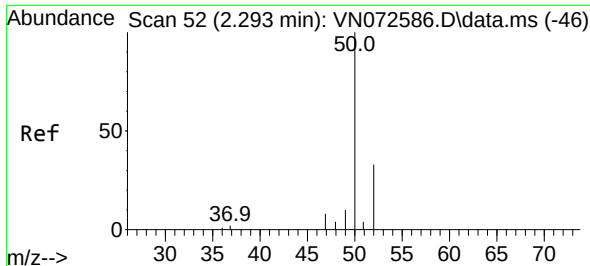
Tgt Ion:168 Resp: 170691
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 8.310 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 85 Resp: 16086
Ion Ratio Lower Upper
85 100
87 28.4 15.7 47.1

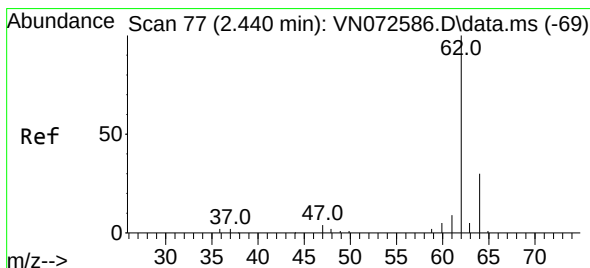
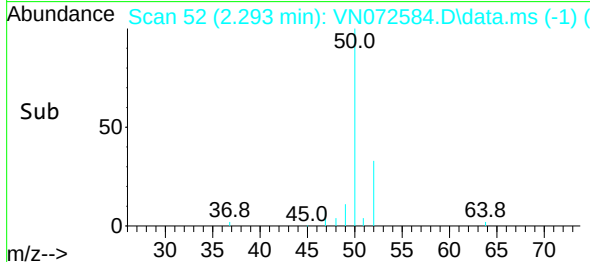
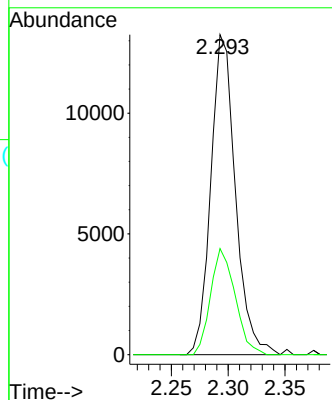
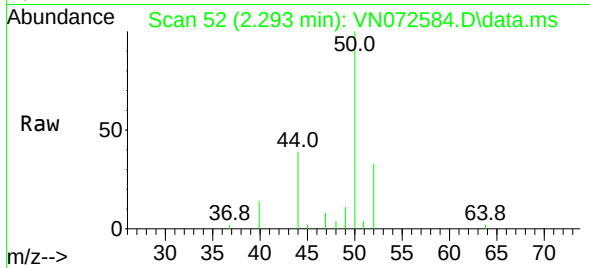




#3
Chloromethane
Concen: 10.815 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

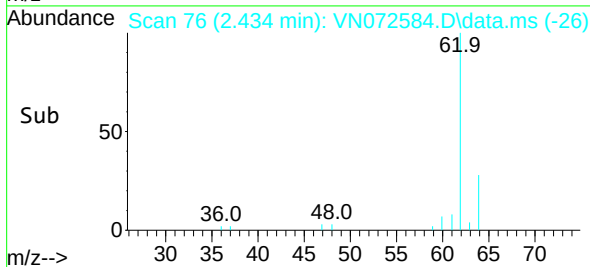
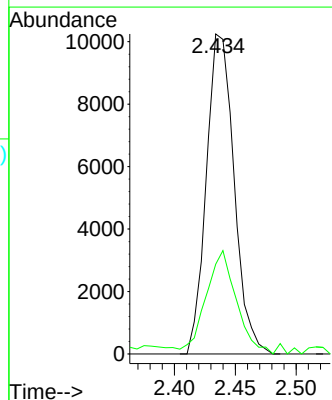
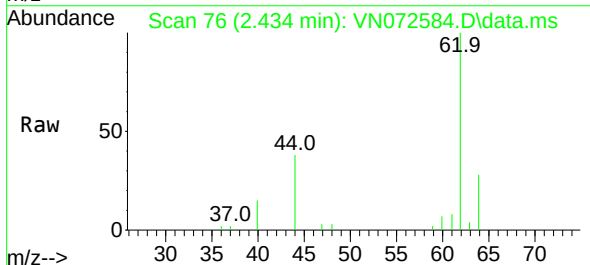
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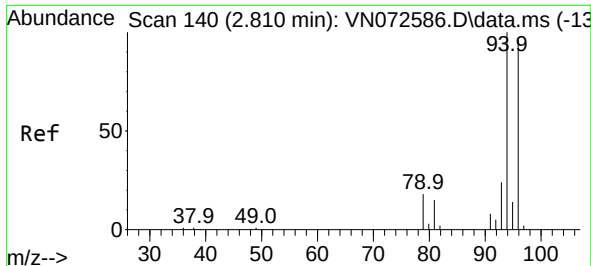
Tgt Ion: 50 Resp: 19926
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 10.769 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 62 Resp: 16228
Ion Ratio Lower Upper
62 100
64 26.6 25.0 37.4

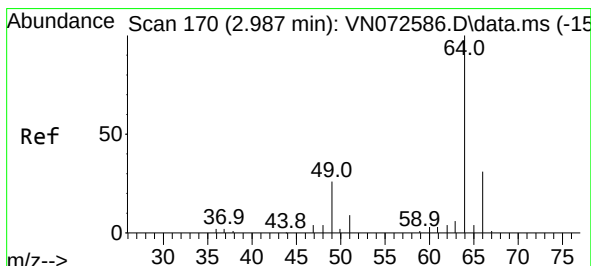
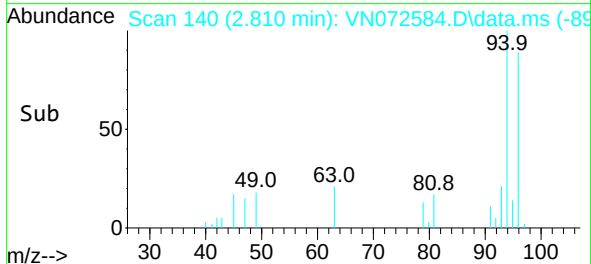
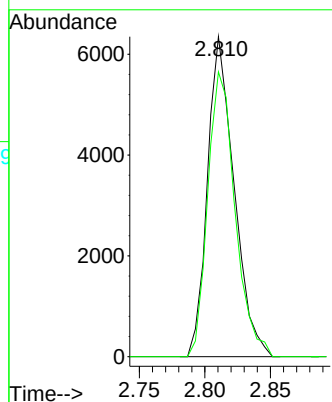
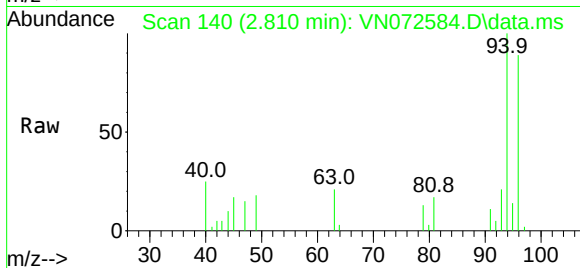




#5
Bromomethane
Concen: 6.821 ug/l
RT: 2.810 min Scan# 140
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

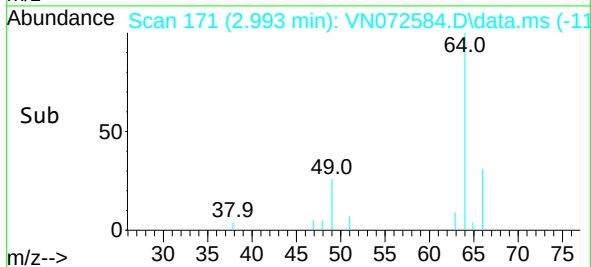
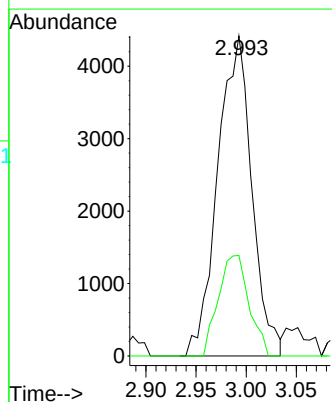
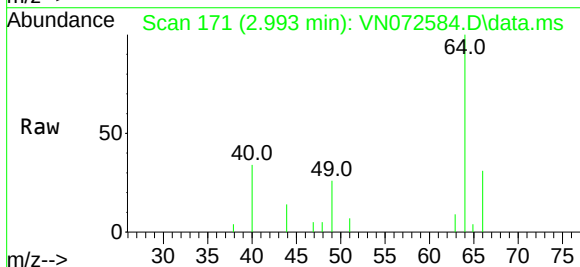
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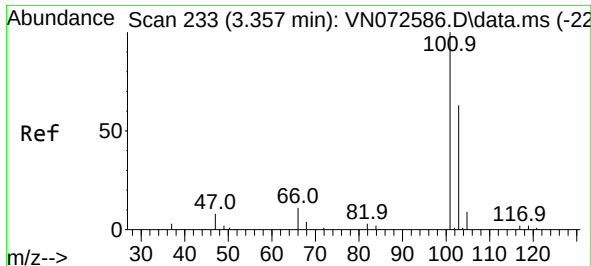
Tgt Ion: 94 Resp: 8973
Ion Ratio Lower Upper
94 100
96 89.0 76.0 114.0



#6
Chloroethane
Concen: 6.424 ug/l
RT: 2.993 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 64 Resp: 10447
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4

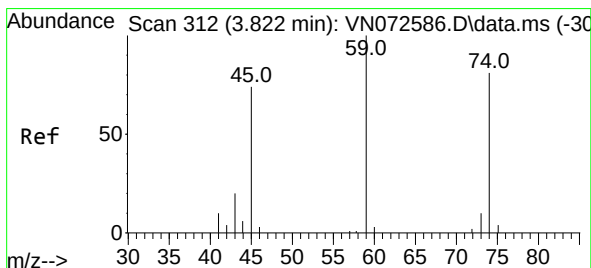
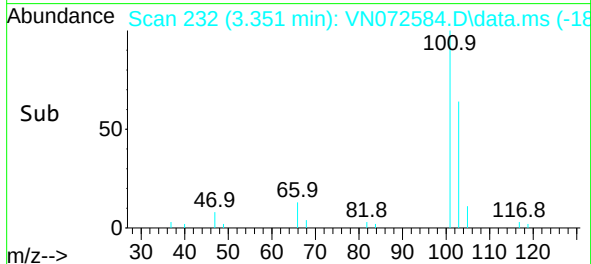
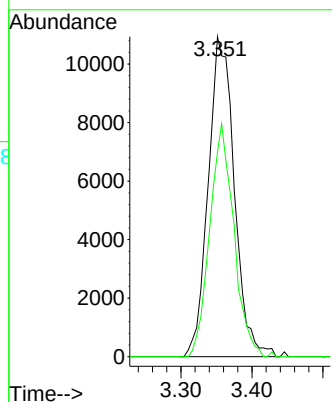
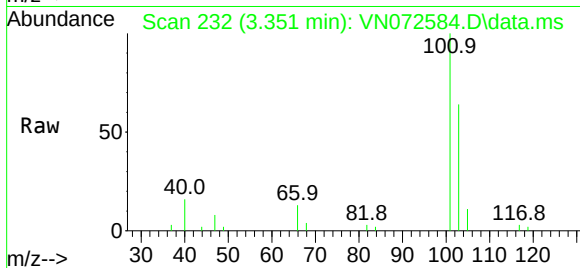




#7
 Trichlorofluoromethane
 Concen: 8.366 ug/l
 RT: 3.351 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

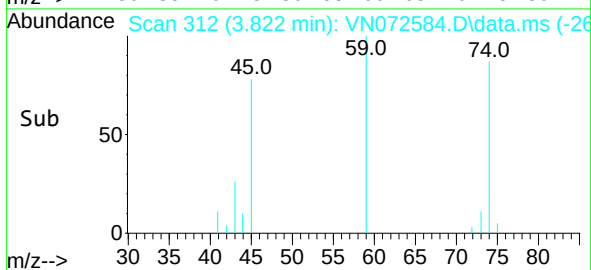
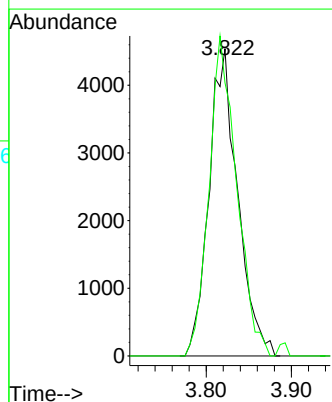
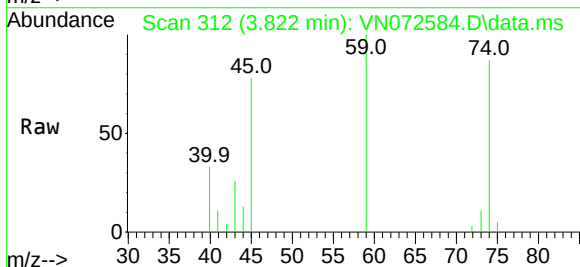
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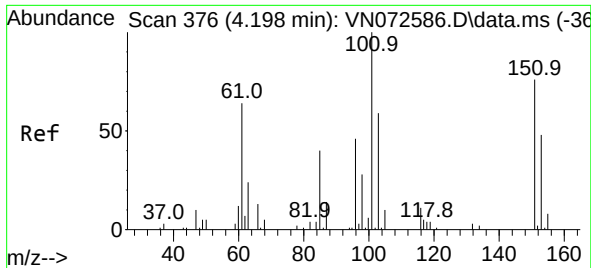
Tgt Ion:101 Resp: 27851
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 10.330 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 10627
 Ion Ratio Lower Upper
 74 100
 45 100.6 42.9 128.5

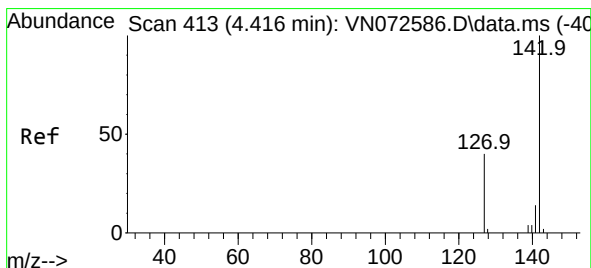
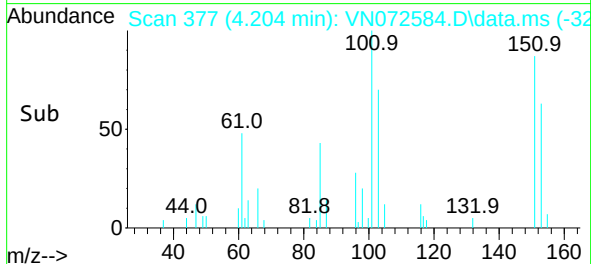
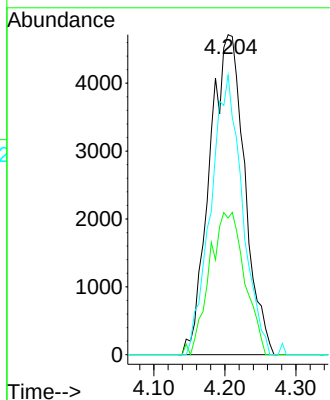
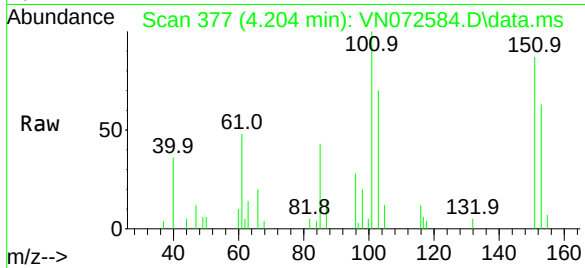




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.930 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.006 min
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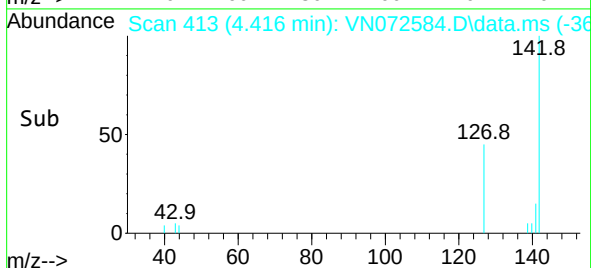
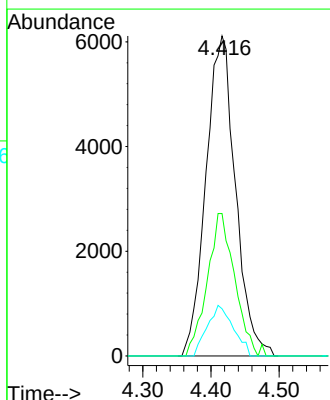
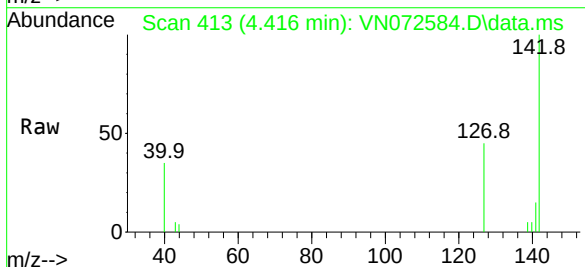
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

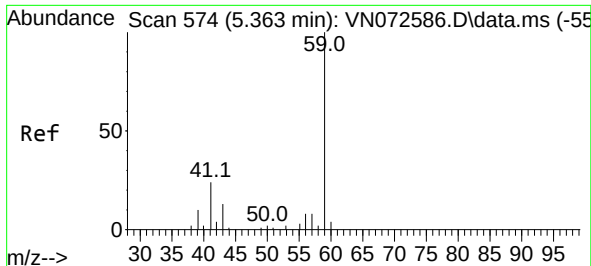
Tgt Ion:101 Resp: 16182
Ion Ratio Lower Upper
101 100
85 44.6 34.7 52.1
151 78.4 63.0 94.4



#10
Methyl Iodide
Concen: 8.887 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion:142 Resp: 18420
Ion Ratio Lower Upper
142 100
127 41.1 31.3 46.9
141 13.9 11.2 16.8

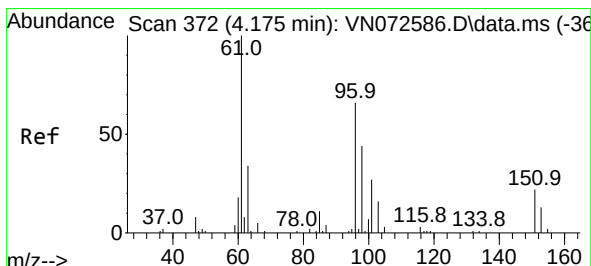
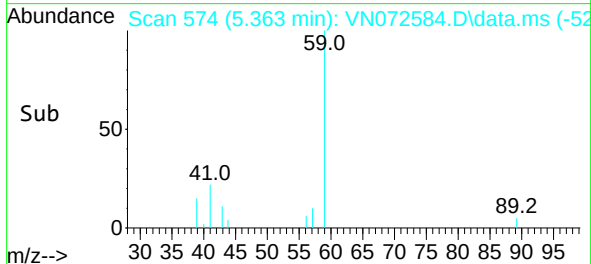
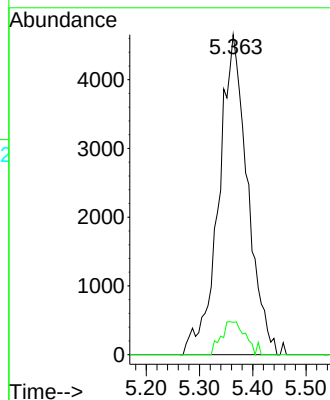
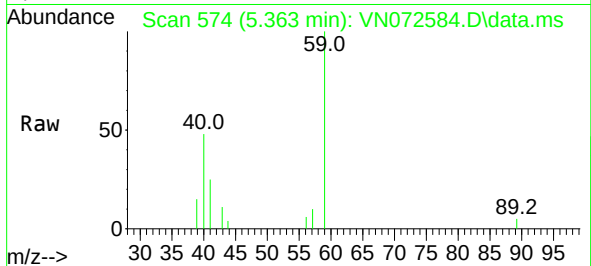




#11
Tert butyl alcohol
Concen: 65.433 ug/l
RT: 5.363 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

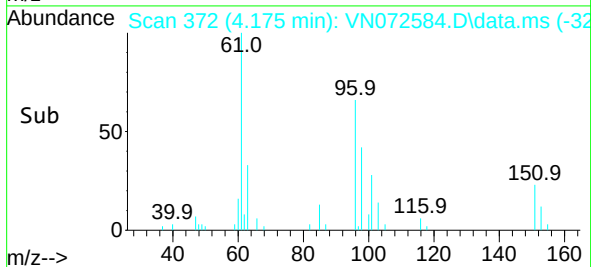
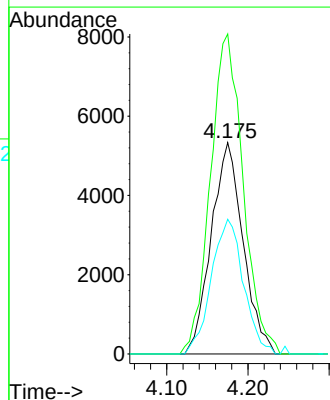
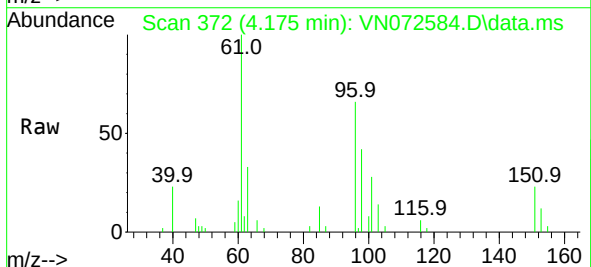
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

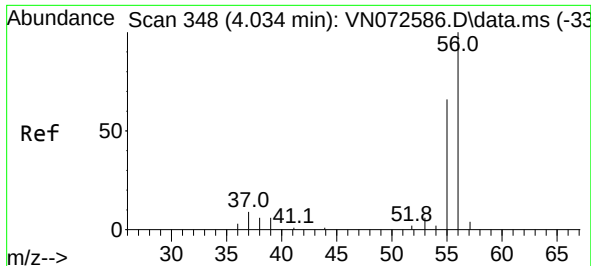
Tgt Ion: 59 Resp: 17473
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 10.088 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 96 Resp: 14544
Ion Ratio Lower Upper
96 100
61 151.4 127.6 191.4
98 63.7 51.2 76.8





#13

Acrolein

Concen: 32.986 ug/l

RT: 4.040 min Scan# 34

Delta R.T. 0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

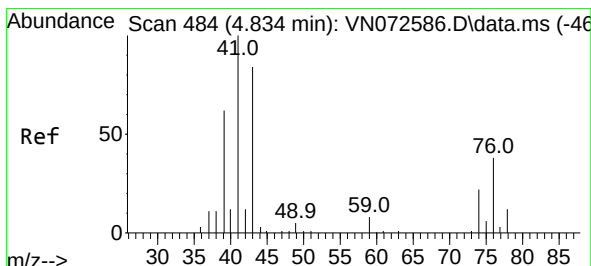
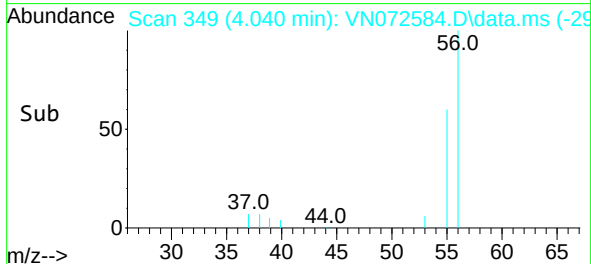
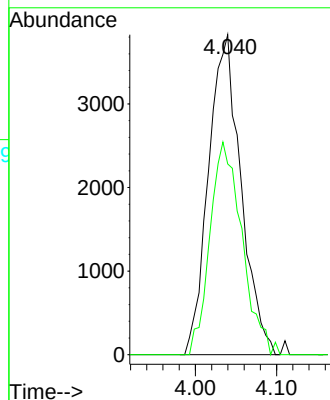
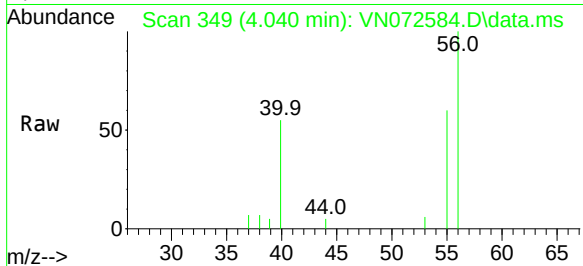
VSTDIC010

Tgt Ion: 56 Resp: 10633

Ion Ratio Lower Upper

56 100

55 65.6 54.8 82.2



#14

Allyl chloride

Concen: 11.214 ug/l

RT: 4.828 min Scan# 483

Delta R.T. -0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

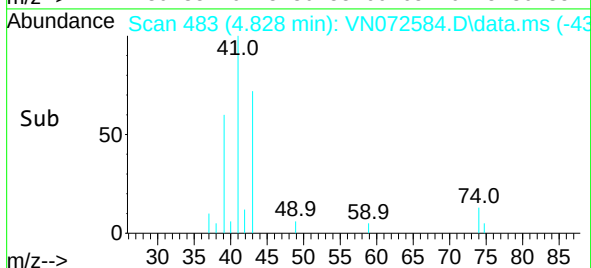
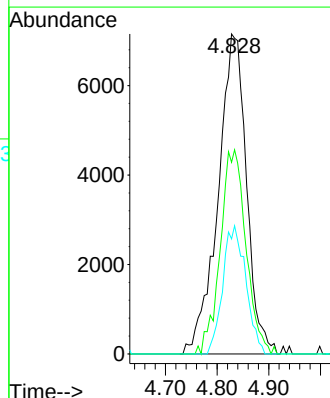
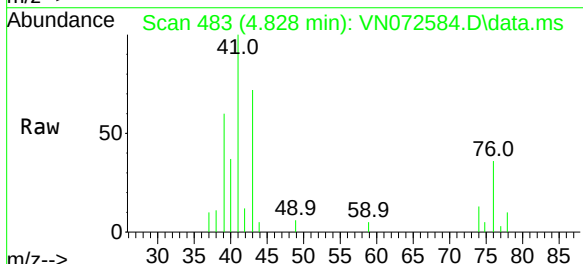
Tgt Ion: 41 Resp: 27405

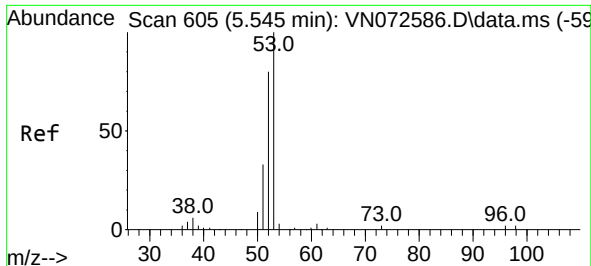
Ion Ratio Lower Upper

41 100

39 57.7 53.2 79.8

76 32.3 29.9 44.9

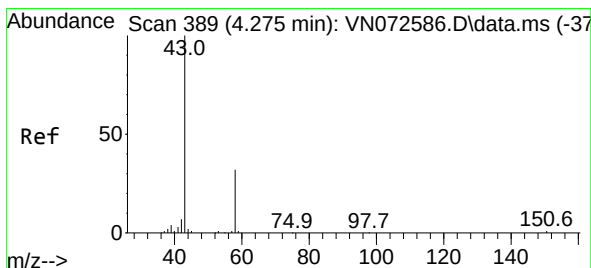
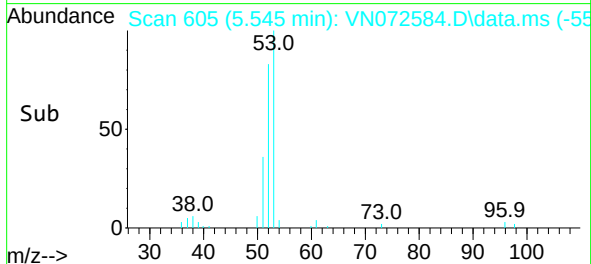
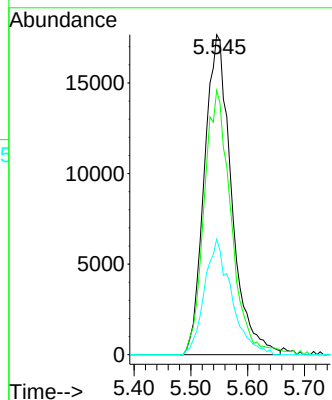
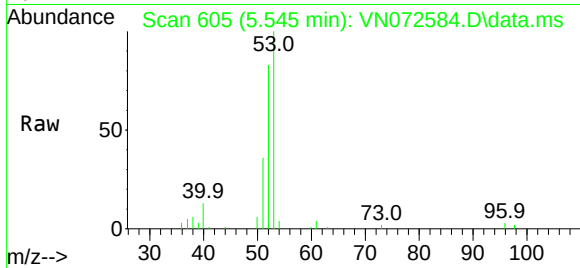




#15
Acrylonitrile
Concen: 59.557 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

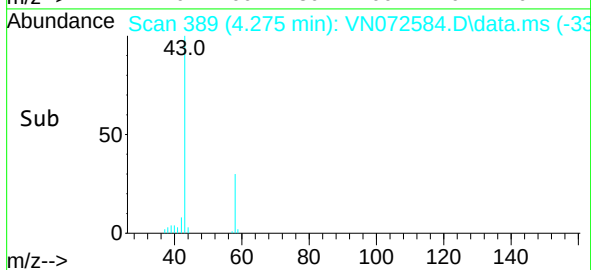
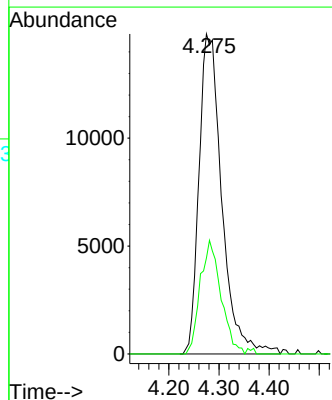
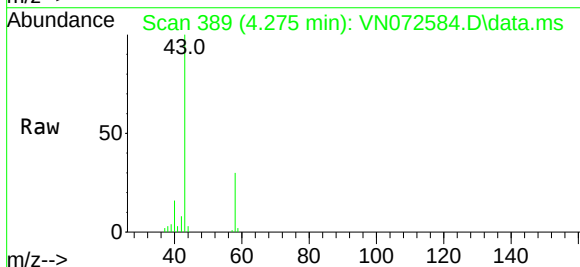
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

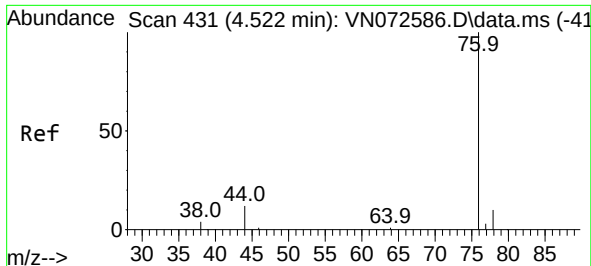
Tgt Ion: 53 Resp: 58627
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.0 28.5 42.7



#16
Acetone
Concen: 55.651 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 43 Resp: 46729
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

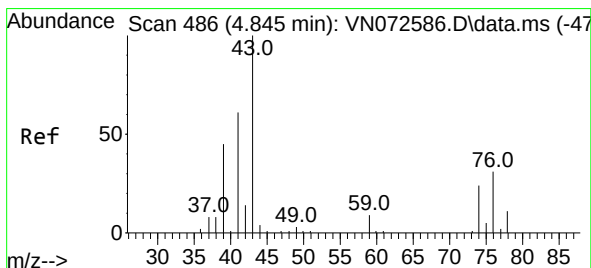
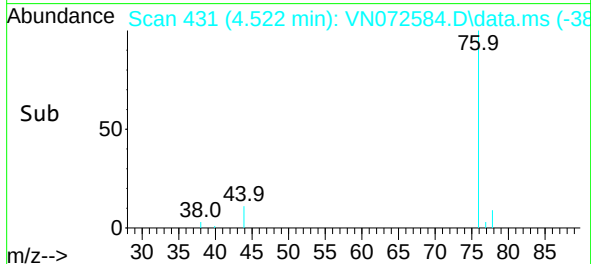
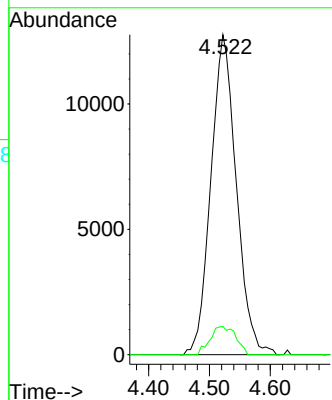
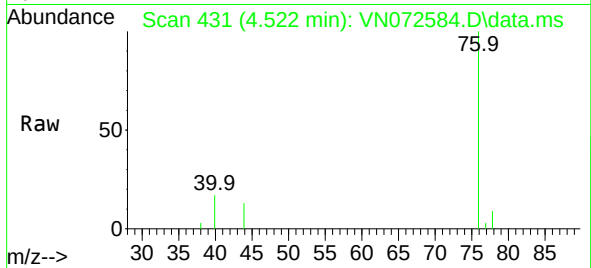




#17
Carbon Disulfide
Concen: 9.995 ug/l
RT: 4.522 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

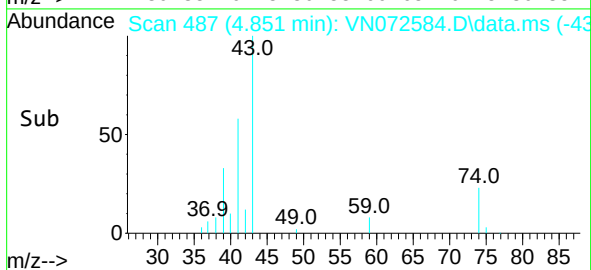
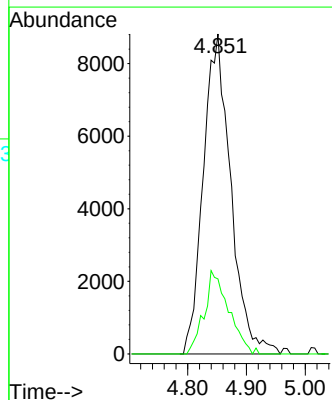
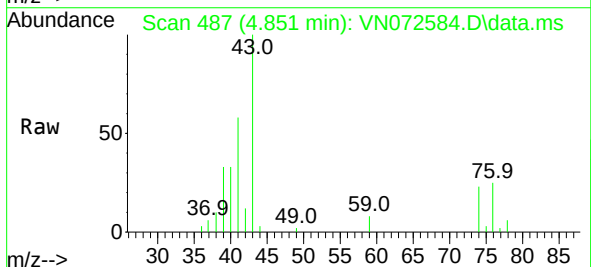
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

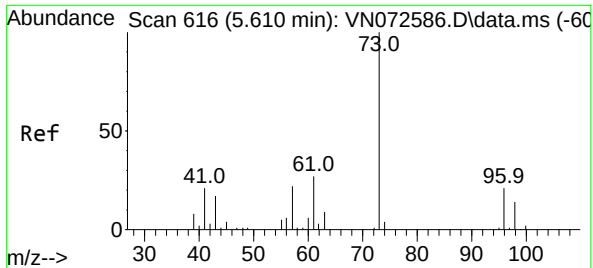
Tgt Ion: 76 Resp: 37041
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 11.237 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 43 Resp: 28593
Ion Ratio Lower Upper
43 100
74 23.3 21.6 32.4

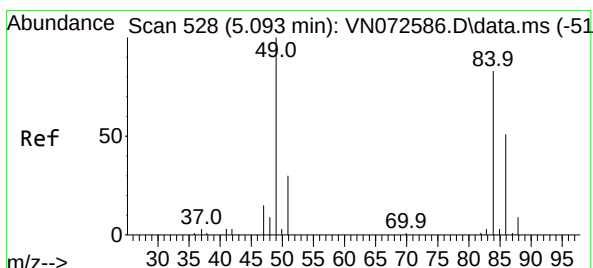
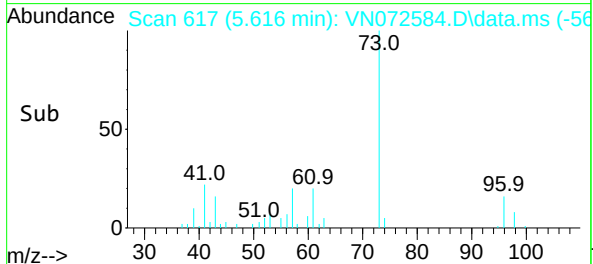
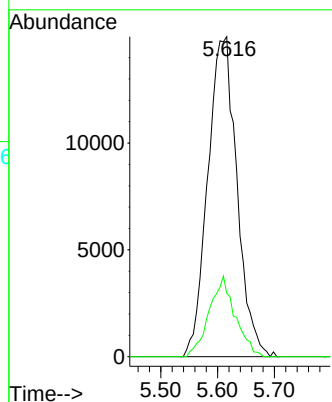
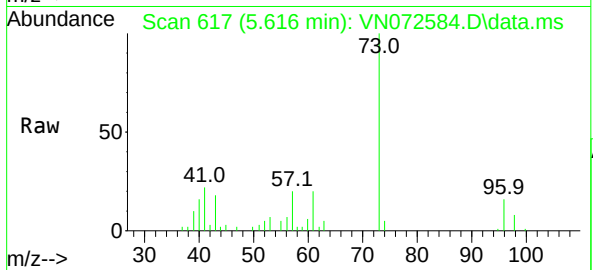




#19
Methyl tert-butyl Ether
Concen: 9.279 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

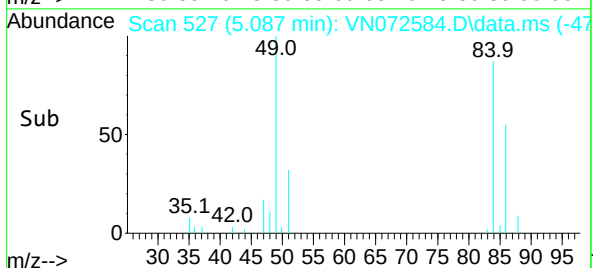
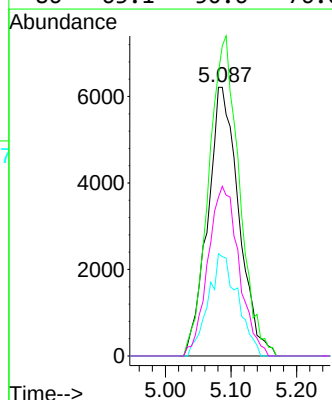
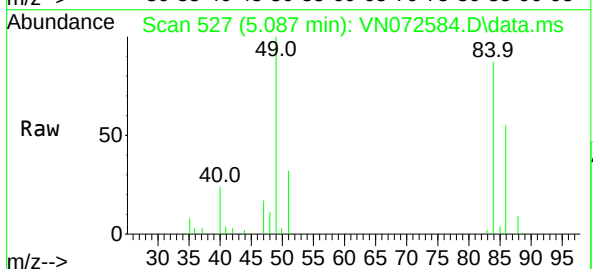
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

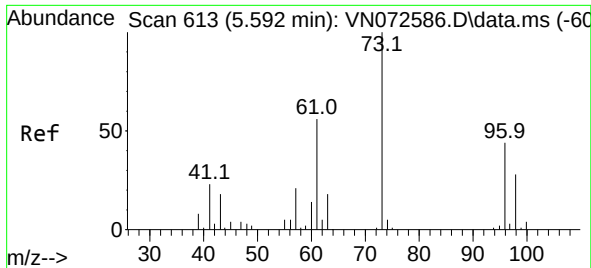
Tgt Ion: 73 Resp: 53389
Ion Ratio Lower Upper
73 100
57 19.9 17.6 26.4



#20
Methylene Chloride
Concen: 10.471 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

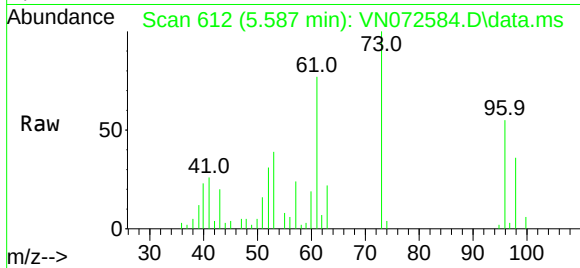
Tgt Ion: 84 Resp: 20459
Ion Ratio Lower Upper
84 100
49 115.4 88.3 132.5
51 37.0 28.2 42.2
86 63.1 50.6 76.0



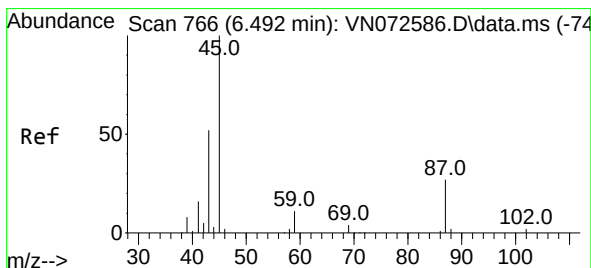
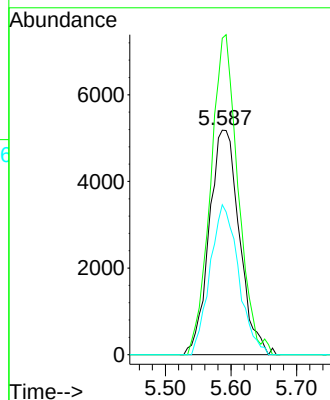
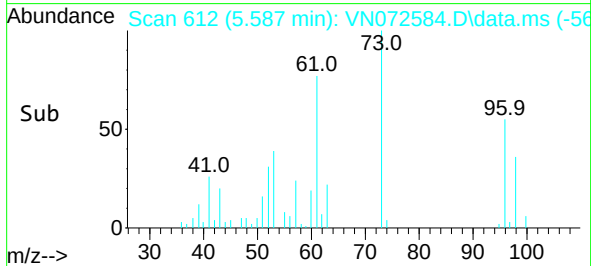


#21
trans-1,2-Dichloroethene
Concen: 10.408 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

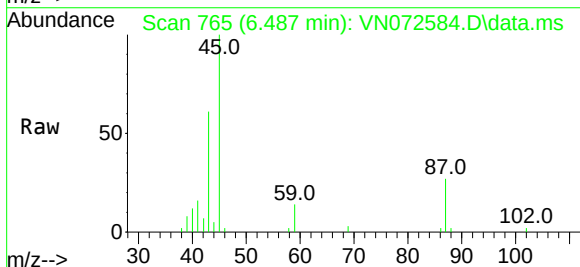
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



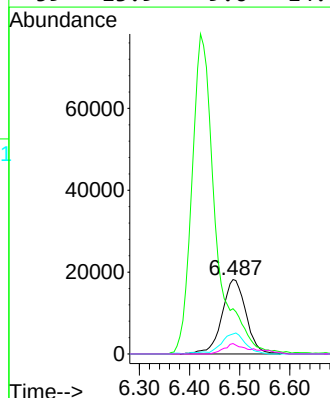
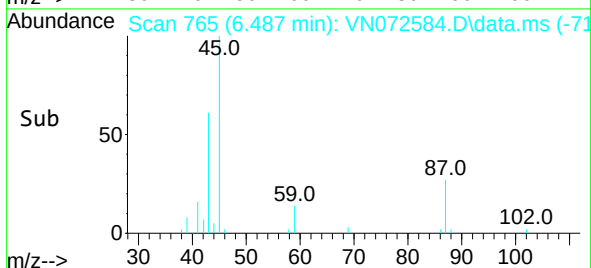
Tgt Ion: 96 Resp: 16530
Ion Ratio Lower Upper
96 100
61 141.0 105.8 158.8
98 66.8 50.3 75.5

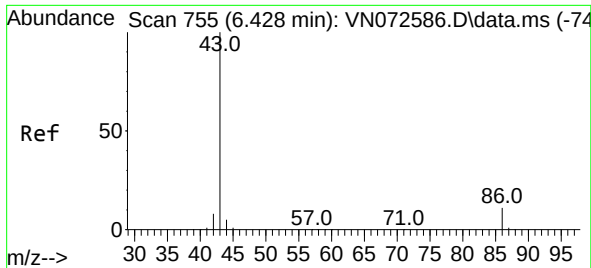


#22
Diisopropyl ether
Concen: 11.219 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion: 45 Resp: 60540
Ion Ratio Lower Upper
45 100
43 57.8 46.6 70.0
87 27.0 24.3 36.5
59 13.9 9.6 14.4

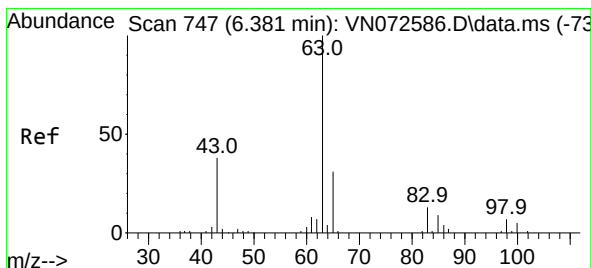
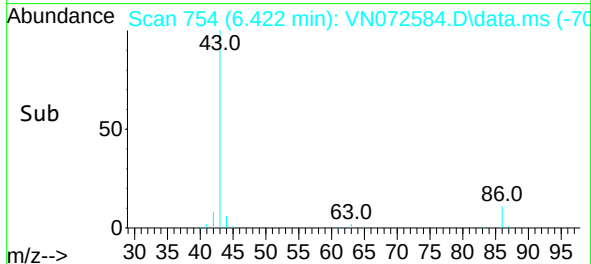
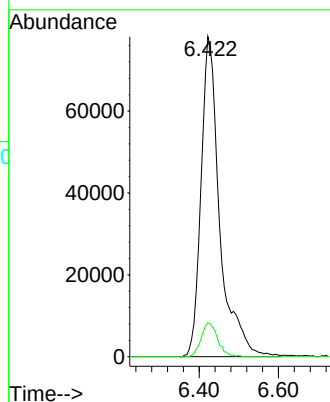
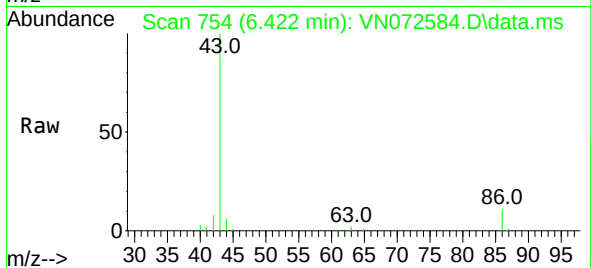




#23
 Vinyl Acetate
 Concen: 55.006 ug/l
 RT: 6.422 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

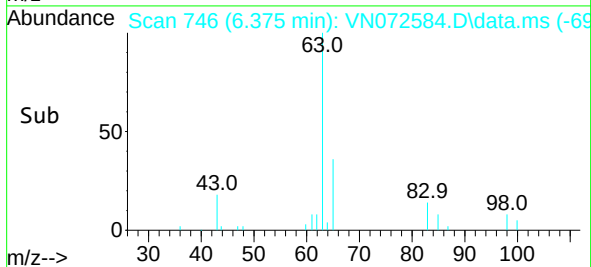
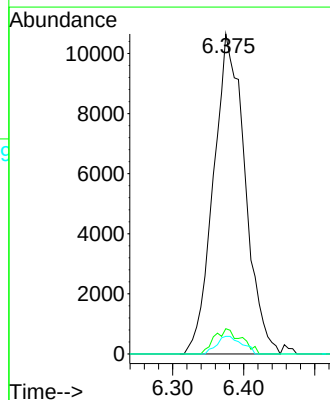
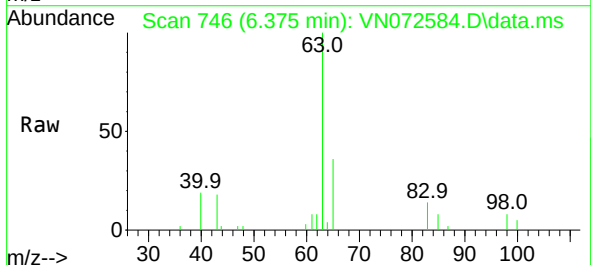
Instrument :
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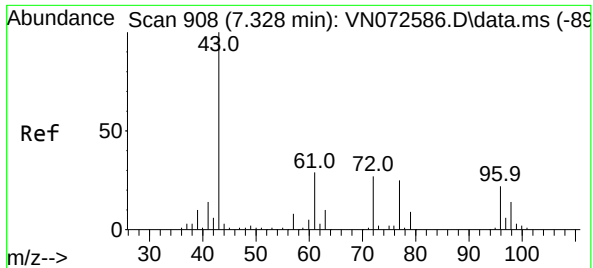
Tgt Ion: 43 Resp: 255723
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 10.150 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

Tgt Ion: 63 Resp: 32744
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.5 2.3 6.8

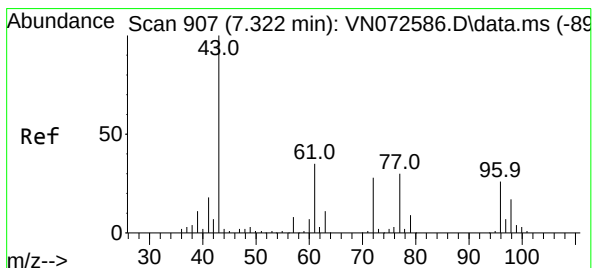
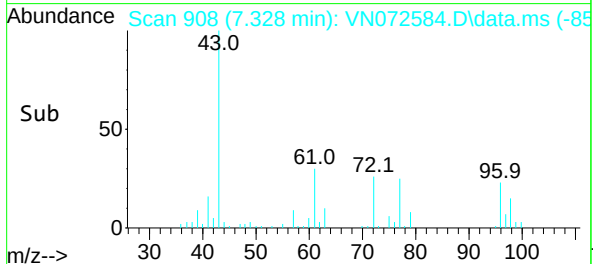
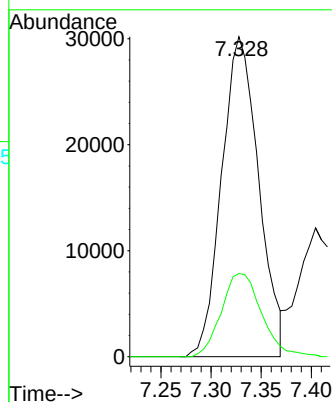
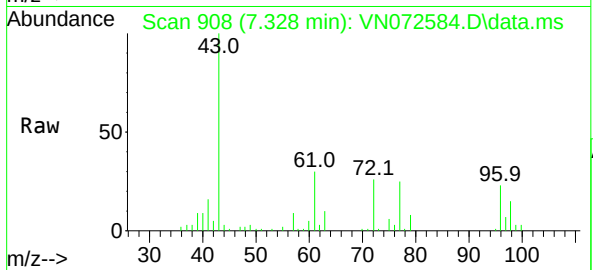




#25
2-Butanone
Concen: 58.161 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

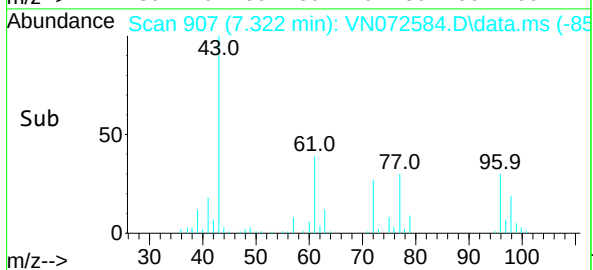
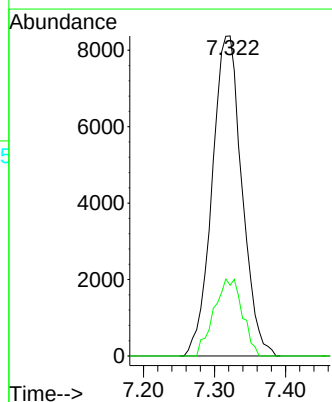
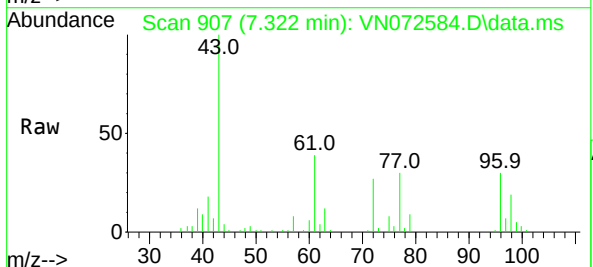
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

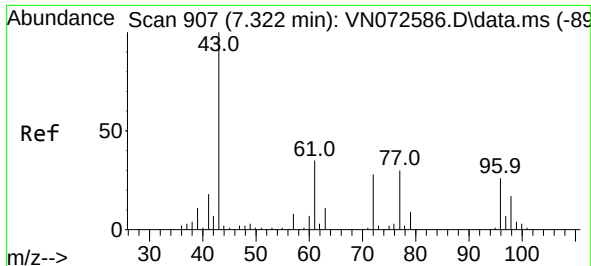
Tgt Ion: 43 Resp: 77628
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5



#26
2,2-Dichloropropane
Concen: 8.359 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 77 Resp: 24379
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 10.379 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

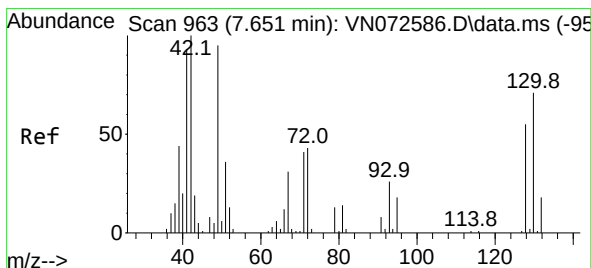
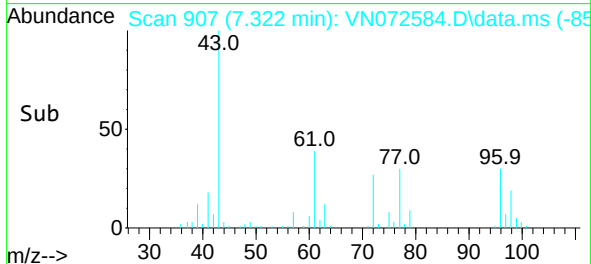
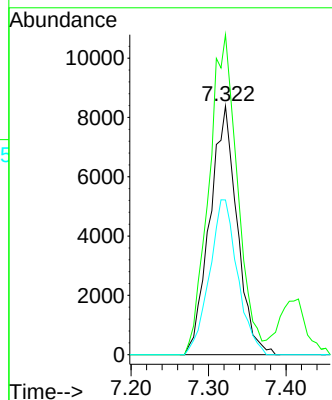
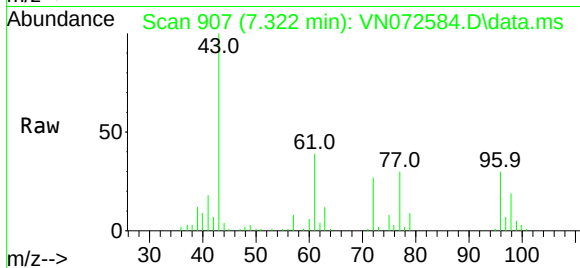
Tgt Ion: 96 Resp: 20572

Ion Ratio Lower Upper

96 100

61 135.6 0.0 280.6

98 63.8 0.0 128.4



#28

Bromochloromethane

Concen: 10.631 ug/l

RT: 7.657 min Scan# 964

Delta R.T. 0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

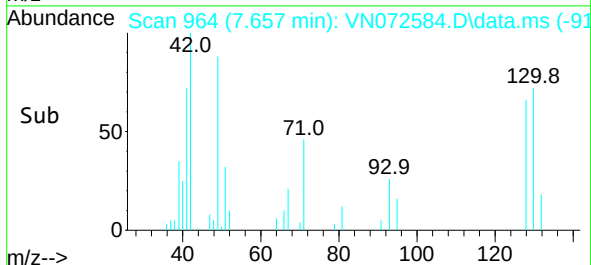
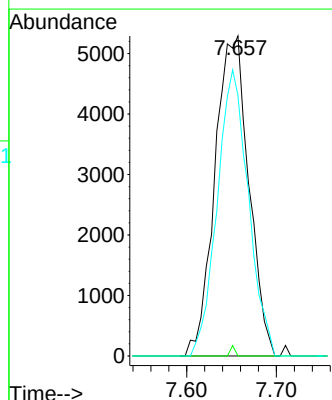
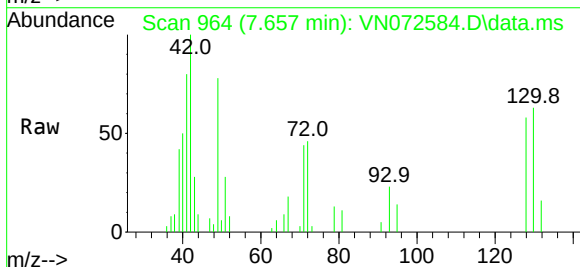
Tgt Ion: 49 Resp: 13886

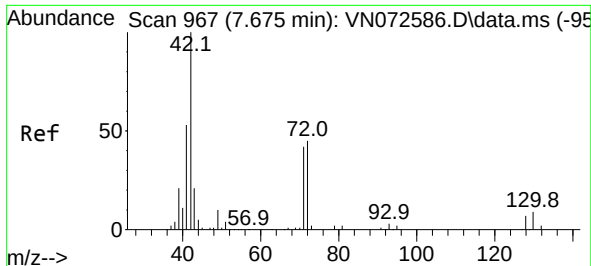
Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.6

130 82.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 63.782 ug/l

RT: 7.681 min Scan# 9

Delta R.T. 0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

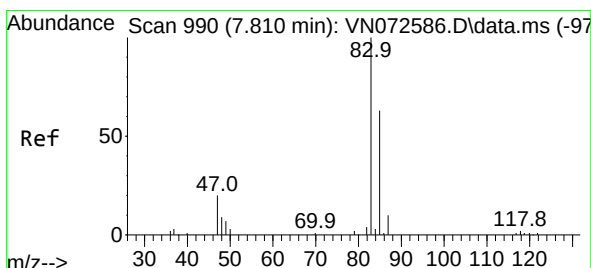
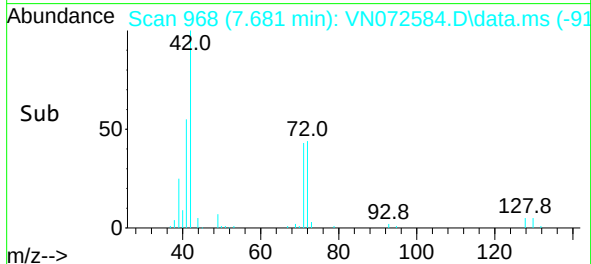
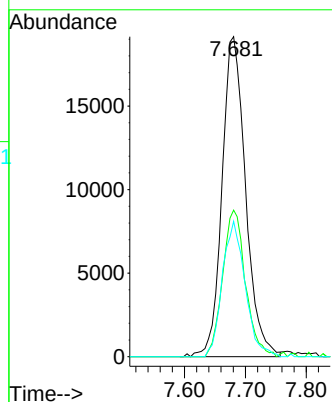
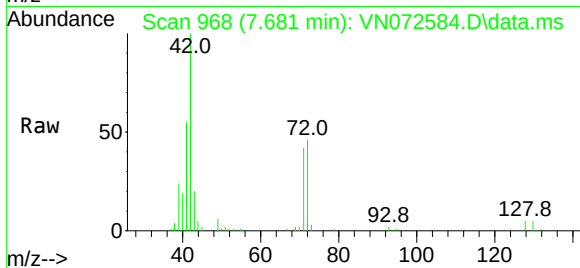
Tgt Ion: 42 Resp: 51491

Ion Ratio Lower Upper

42 100

72 44.2 39.7 59.5

71 40.9 36.6 55.0



#30

Chloroform

Concen: 9.223 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072584.D

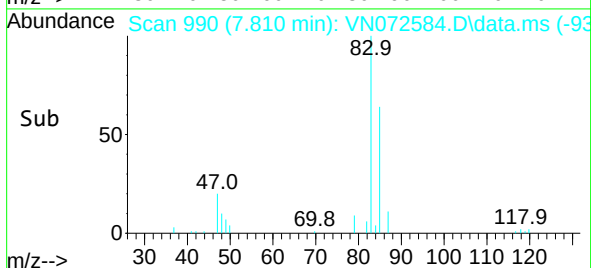
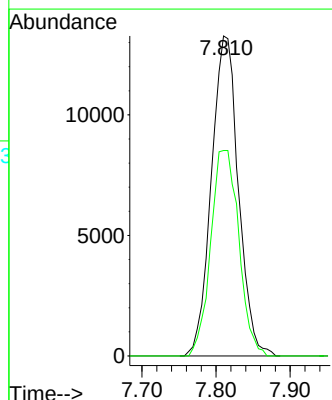
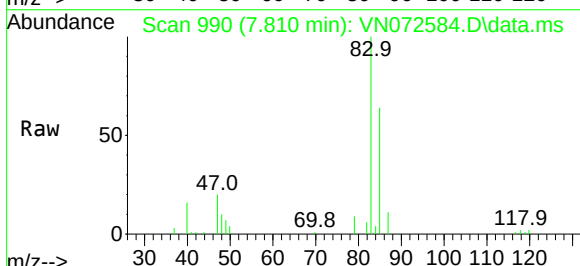
Acq: 24 May 2022 13:27

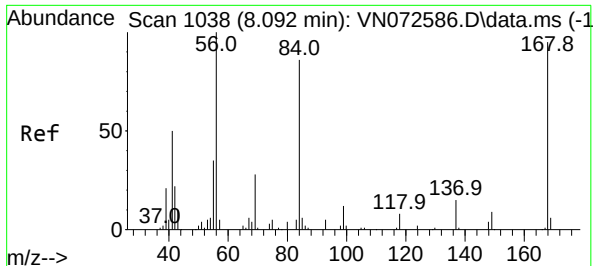
Tgt Ion: 83 Resp: 33663

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.8

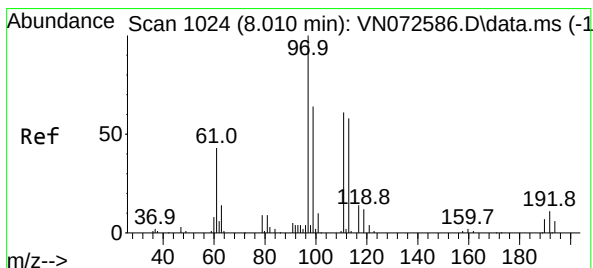
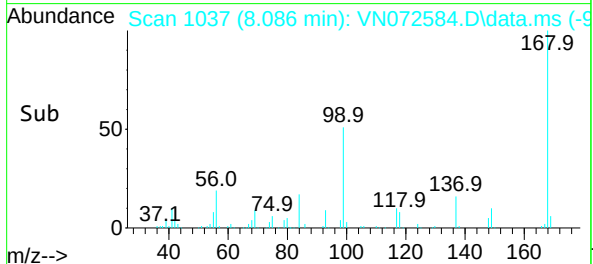
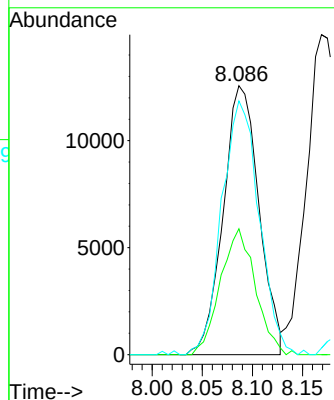
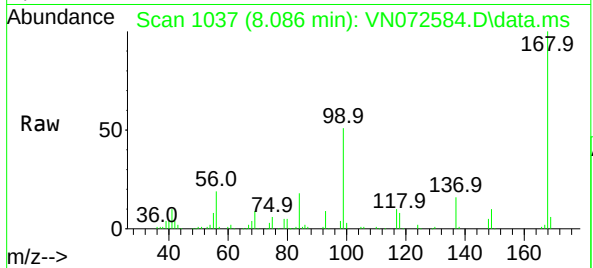




#31
Cyclohexane
Concen: 10.342 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

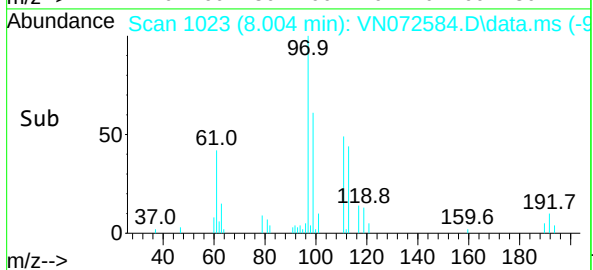
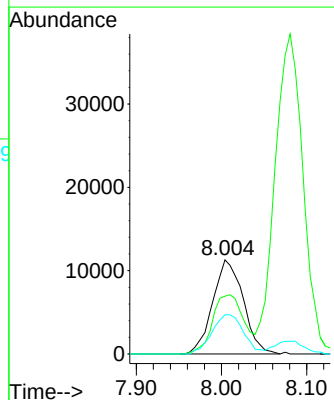
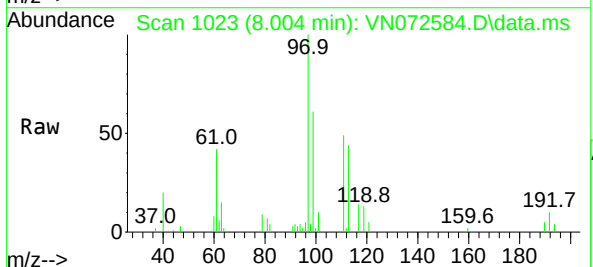
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

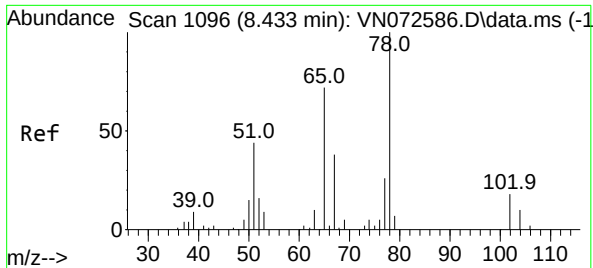
Tgt Ion: 56 Resp: 31224
Ion Ratio Lower Upper
56 100
69 46.8 27.8 41.8#
84 94.4 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 8.478 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 97 Resp: 28063
Ion Ratio Lower Upper
97 100
99 65.5 50.6 76.0
61 43.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 7.431 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

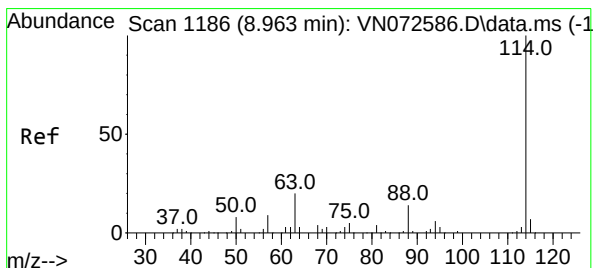
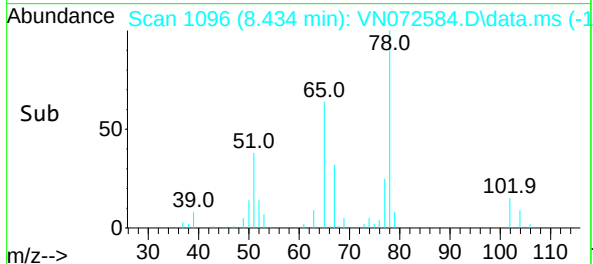
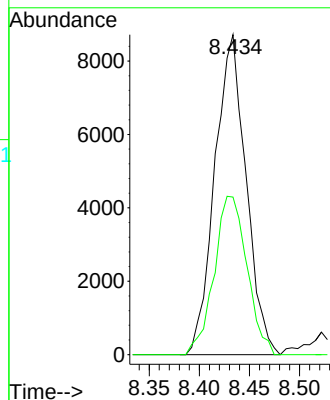
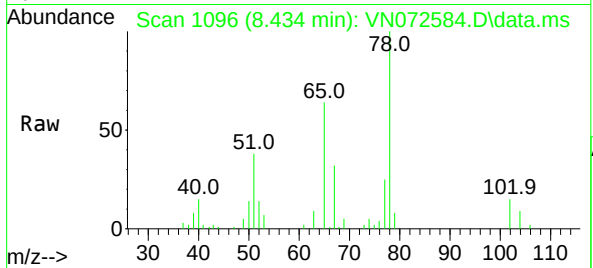
VSTDIC010

Tgt Ion: 65 Resp: 18881

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

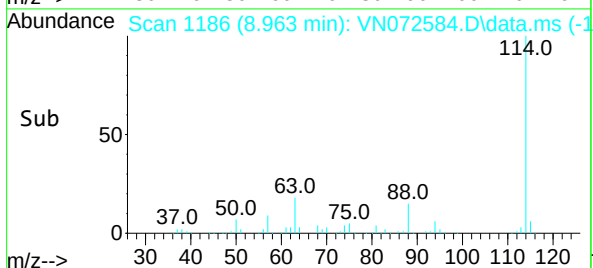
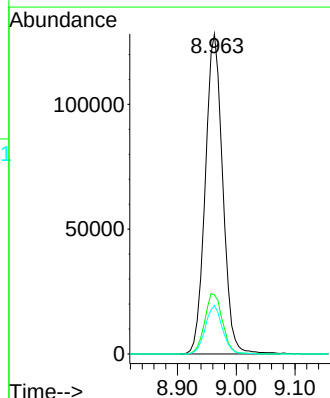
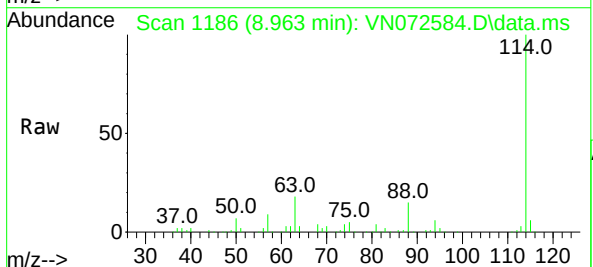
Tgt Ion: 114 Resp: 264912

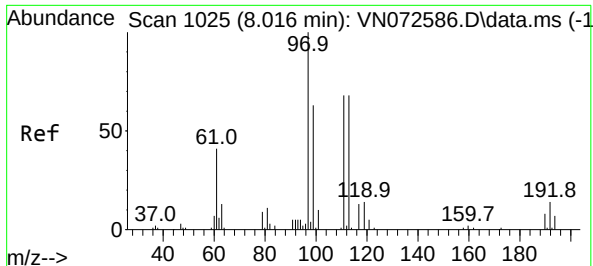
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 8.940 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

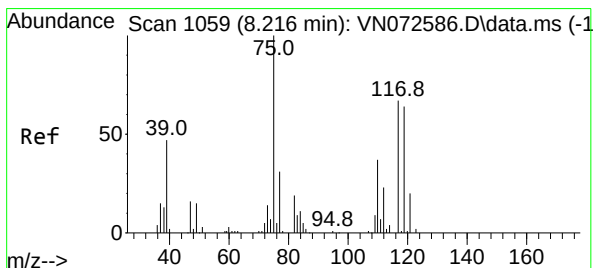
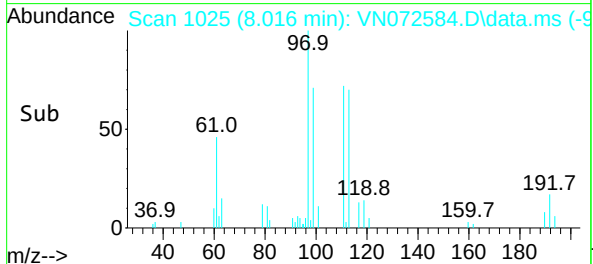
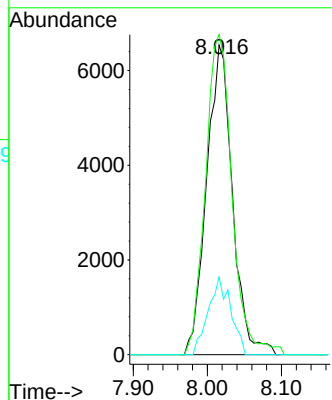
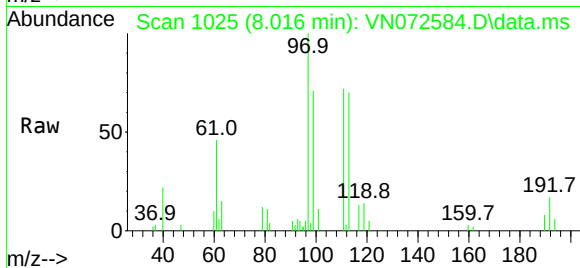
Tgt Ion:113 Resp: 15831

Ion Ratio Lower Upper

113 100

111 106.5 81.4 122.0

192 21.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 10.015 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

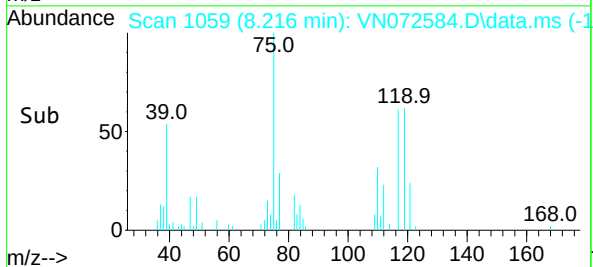
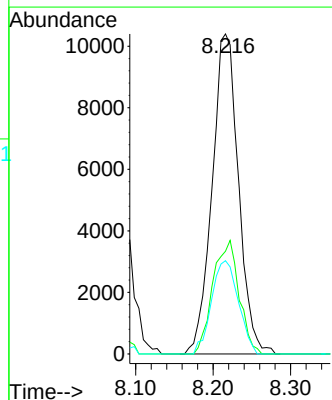
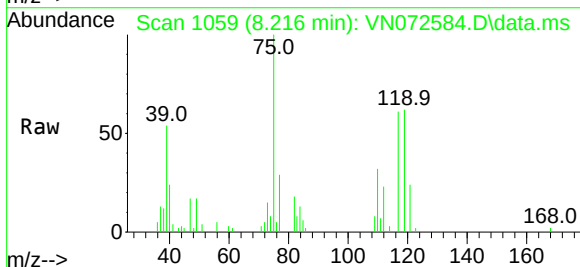
Tgt Ion: 75 Resp: 24603

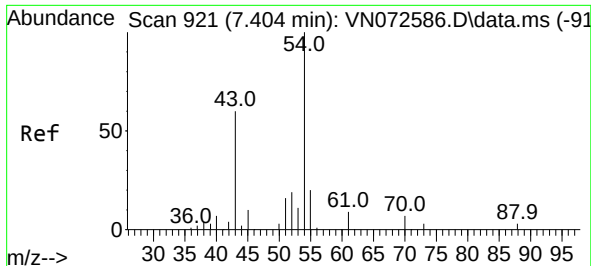
Ion Ratio Lower Upper

75 100

110 35.1 18.3 54.8

77 29.7 25.1 37.7

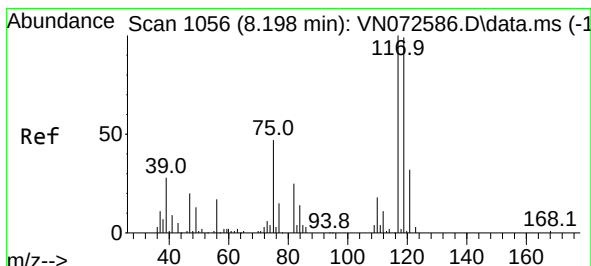
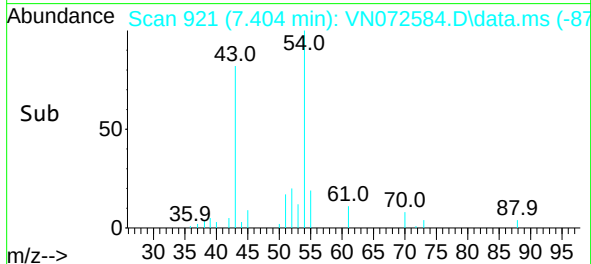
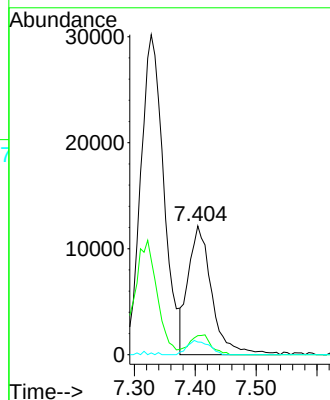
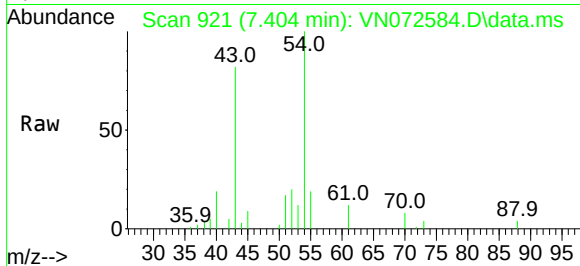




#37
Ethyl Acetate
Concen: 11.639 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

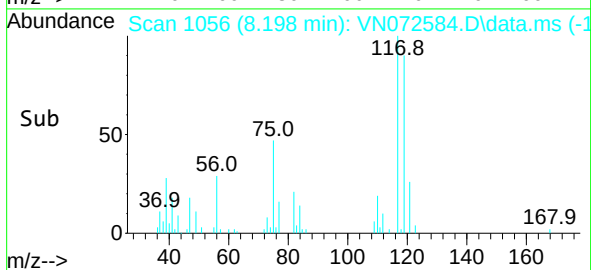
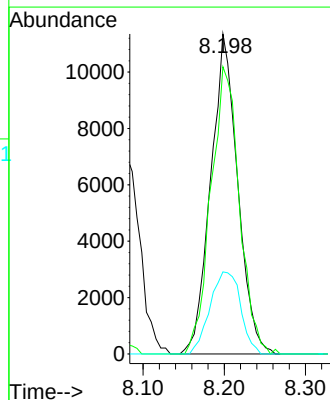
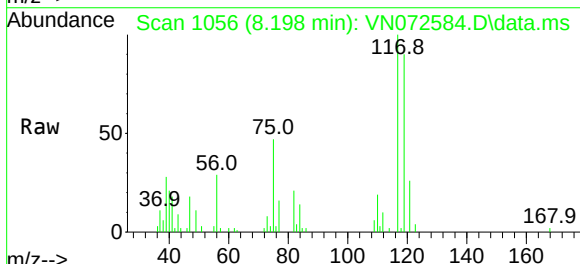
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

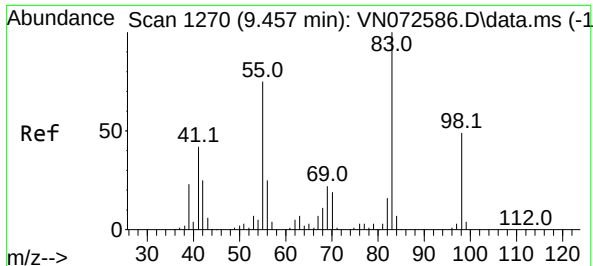
Tgt Ion: 43 Resp: 32622
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 8.762 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 117 Resp: 26242
Ion Ratio Lower Upper
117 100
119 89.7 75.8 113.8
121 25.7 24.6 37.0





#39

Methylcyclohexane

Concen: 9.904 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

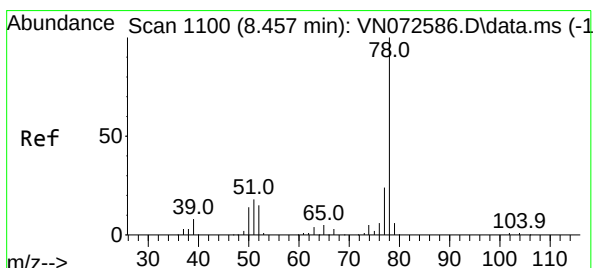
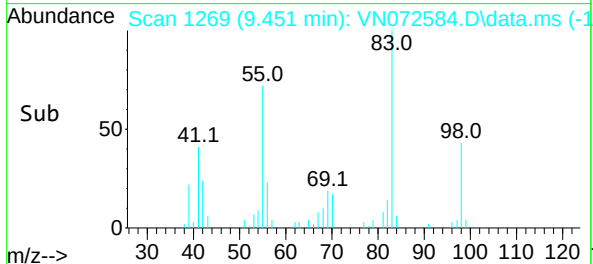
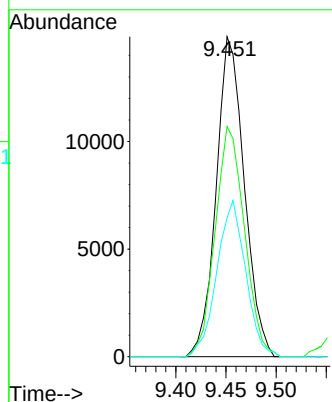
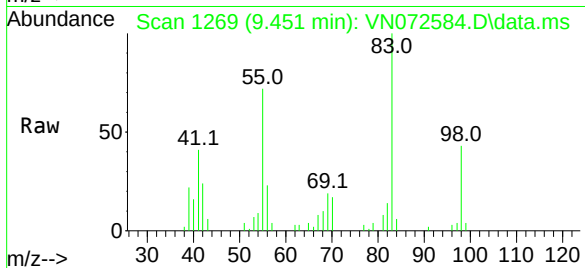
Tgt Ion: 83 Resp: 29000

Ion Ratio Lower Upper

83 100

55 72.0 57.8 86.8

98 43.4 39.4 59.2



#40

Benzene

Concen: 10.708 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072584.D

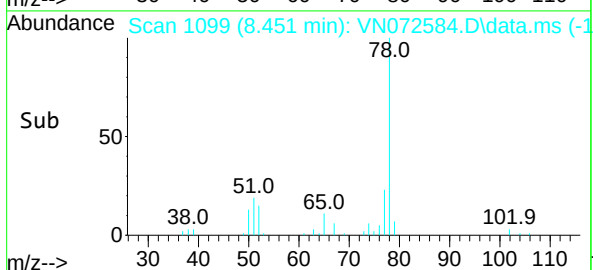
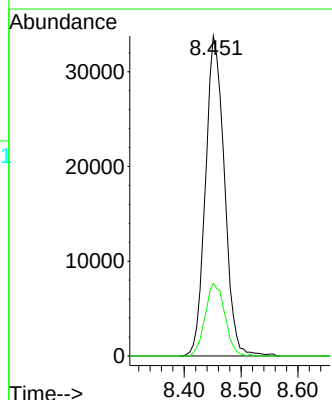
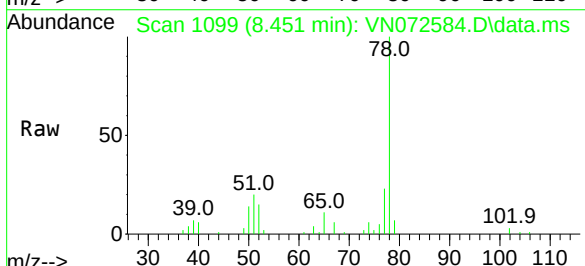
Acq: 24 May 2022 13:27

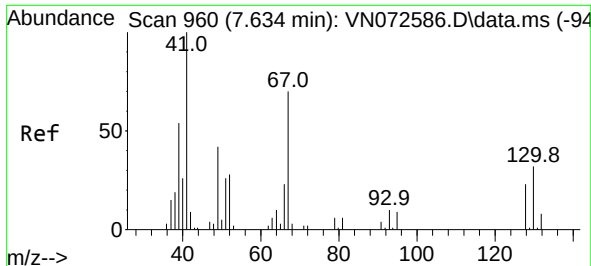
Tgt Ion: 78 Resp: 78185

Ion Ratio Lower Upper

78 100

77 22.6 19.4 29.0

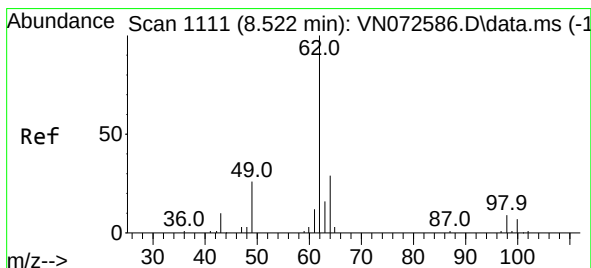
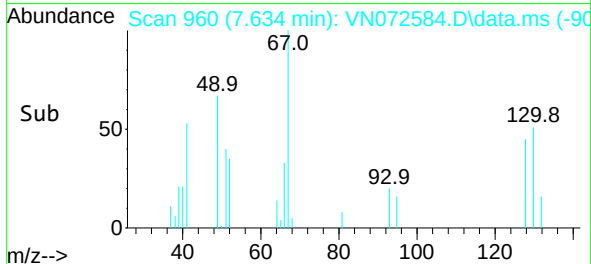
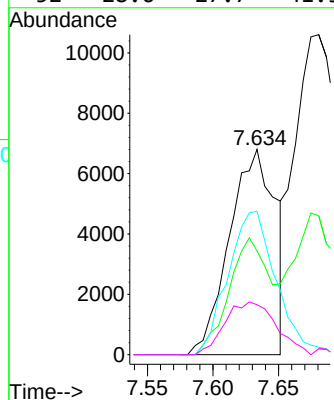
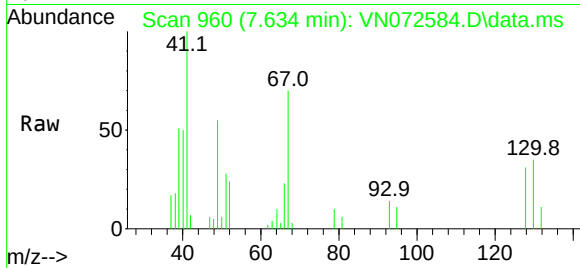




#41
Methacrylonitrile
Concen: 12.194 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

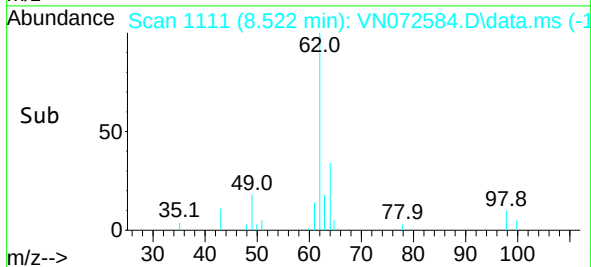
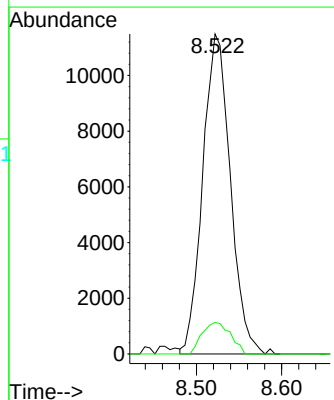
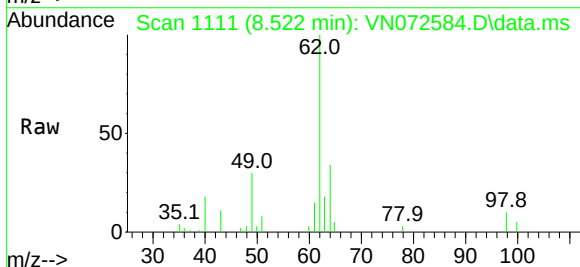
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

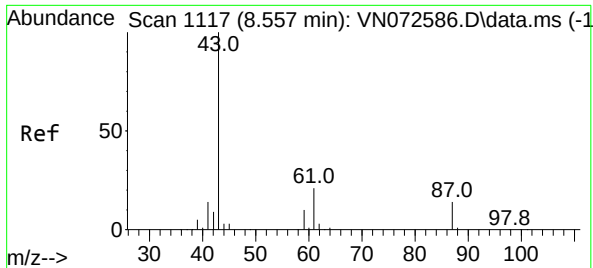
Tgt Ion: 41 Resp: 16590
Ion Ratio Lower Upper
41 100
39 47.8 48.6 73.0#
67 73.1 73.4 110.2#
52 28.6 27.7 41.5



#42
1,2-Dichloroethane
Concen: 7.961 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 62 Resp: 25910
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4

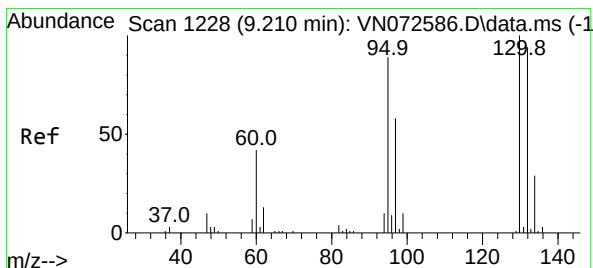
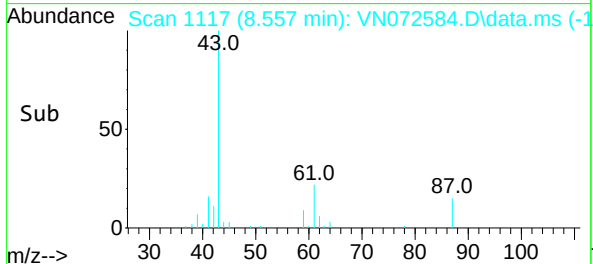
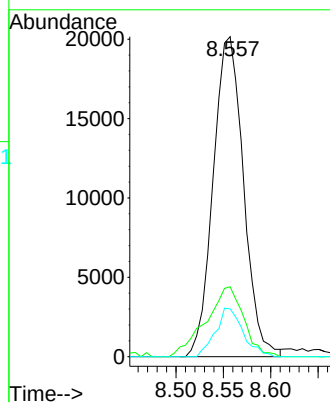
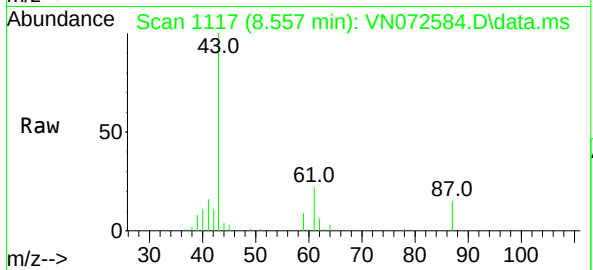




#43
Isopropyl Acetate
Concen: 10.179 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

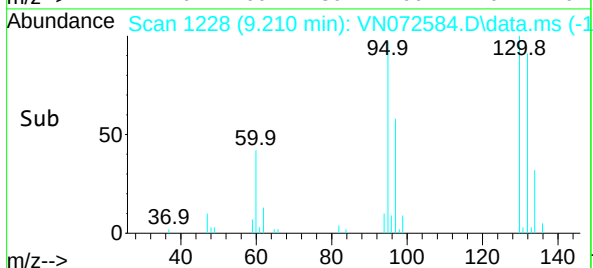
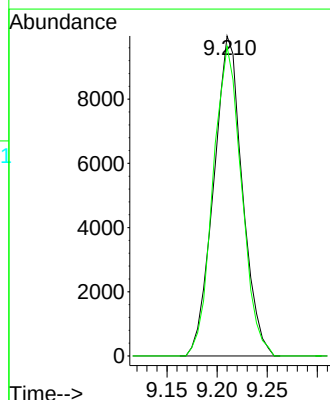
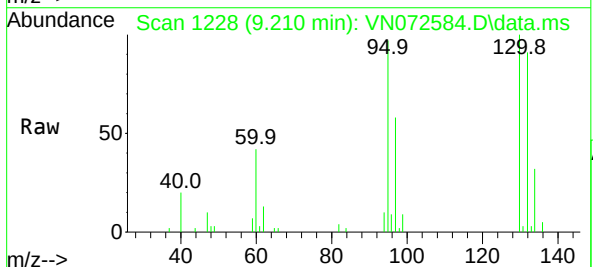
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

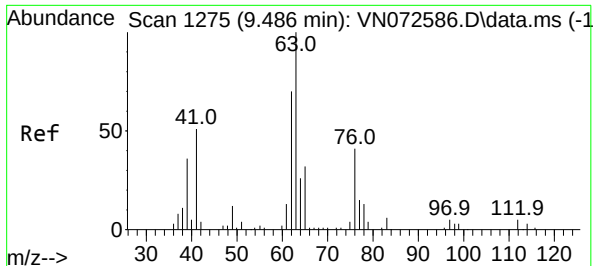
Tgt Ion: 43 Resp: 44891
Ion Ratio Lower Upper
43 100
61 27.2 21.9 32.9
87 13.7 12.0 18.0



#44
Trichloroethene
Concen: 9.941 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 130 Resp: 19771
Ion Ratio Lower Upper
130 100
95 96.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 11.094 ug/l

RT: 9.480 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

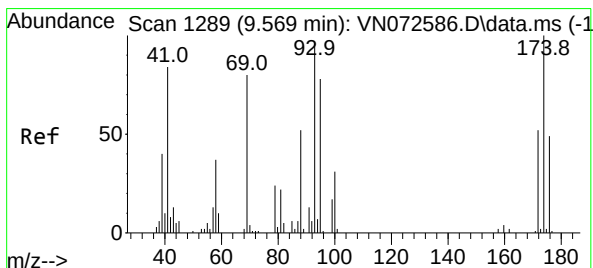
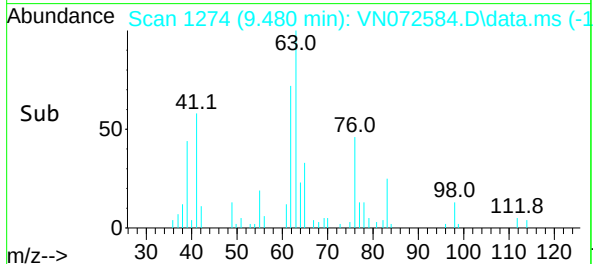
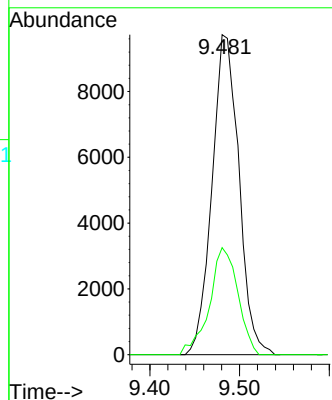
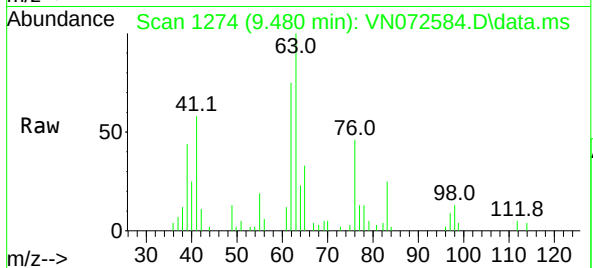
VSTDIC010

Tgt Ion: 63 Resp: 20227

Ion Ratio Lower Upper

63 100

65 33.4 24.9 37.3



#46

Dibromomethane

Concen: 9.824 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

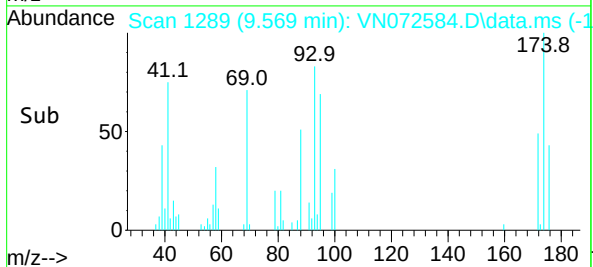
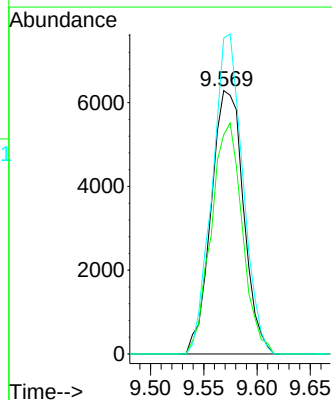
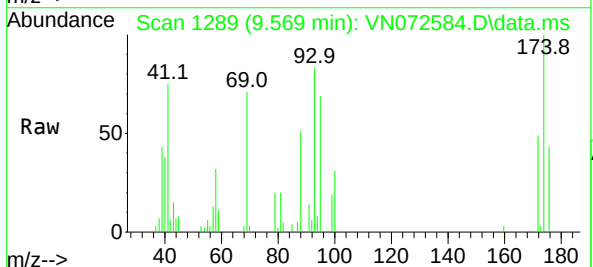
Tgt Ion: 93 Resp: 13265

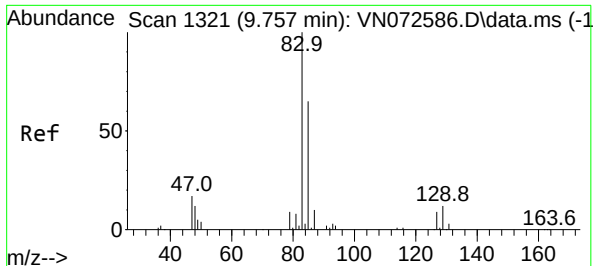
Ion Ratio Lower Upper

93 100

95 84.1 66.9 100.3

174 114.2 86.6 130.0

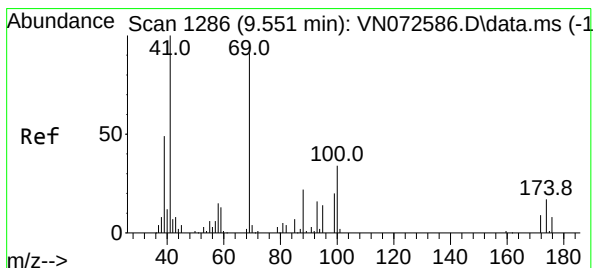
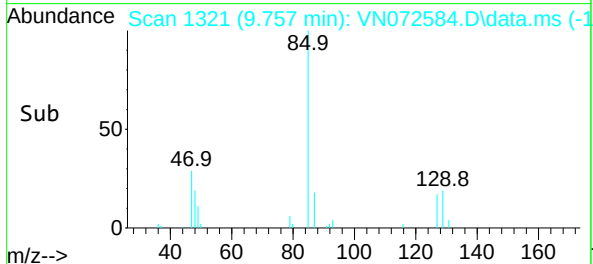
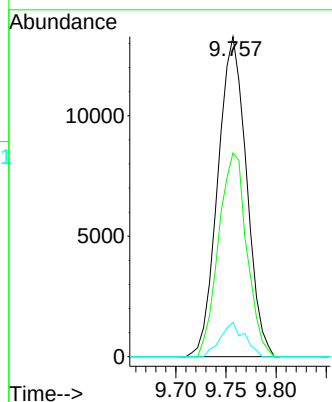
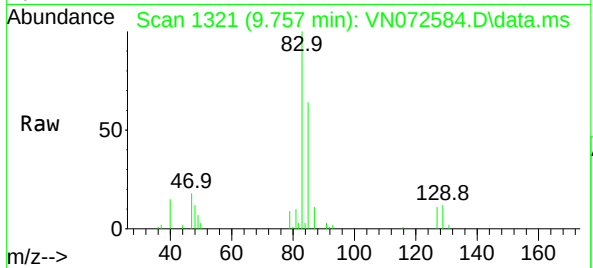




#47
Bromodichloromethane
Concen: 9.522 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

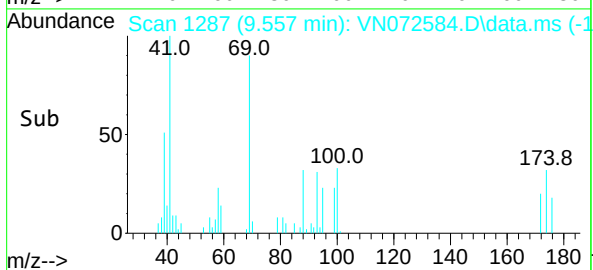
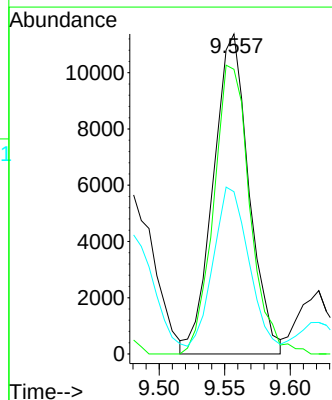
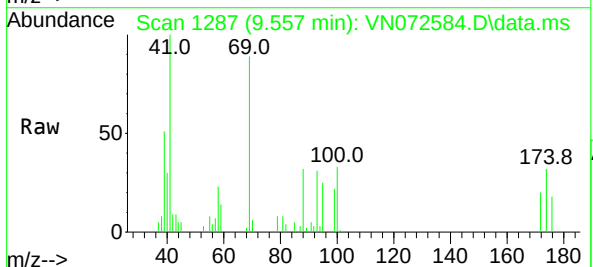
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

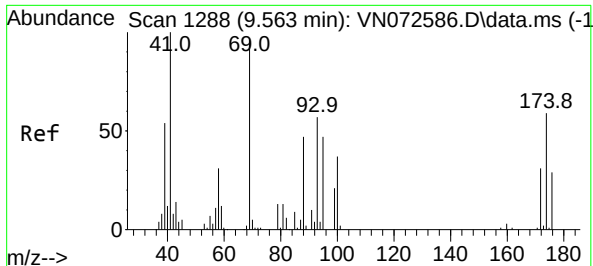
Tgt Ion: 83 Resp: 26370
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 10.7 6.8 10.2#



#48
Methyl methacrylate
Concen: 10.269 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 41 Resp: 21614
Ion Ratio Lower Upper
41 100
69 91.6 74.7 112.1
39 53.4 45.6 68.4





#49

1,4-Dioxane

Concen: 379.426 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

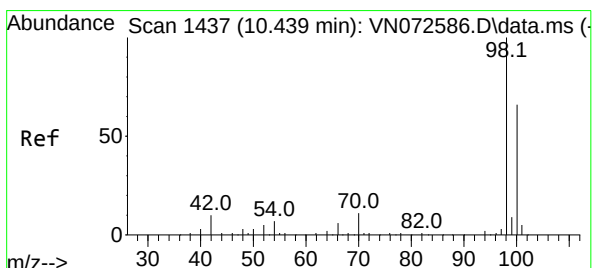
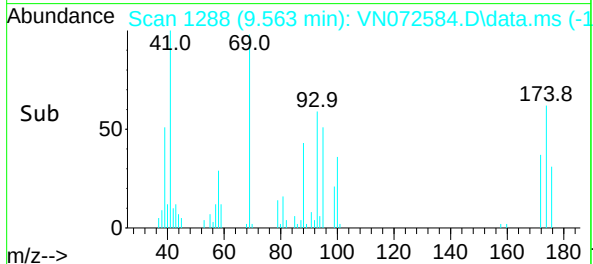
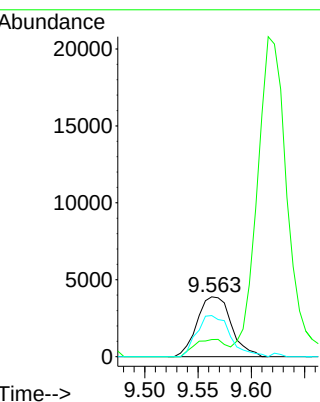
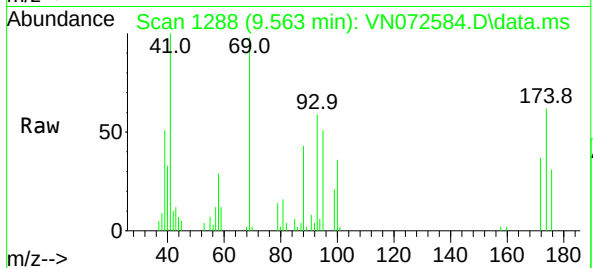
Tgt Ion: 88 Resp: 8674

Ion Ratio Lower Upper

88 100

43 27.3 20.2 30.4

58 66.9 54.2 81.4



#50

Toluene-d8

Concen: 9.112 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072584.D

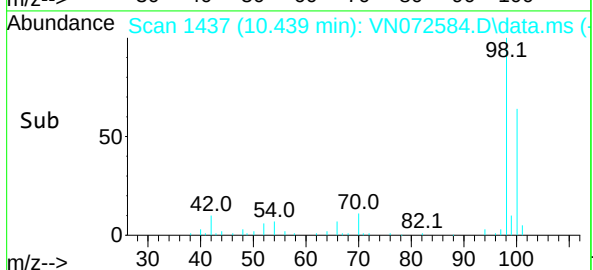
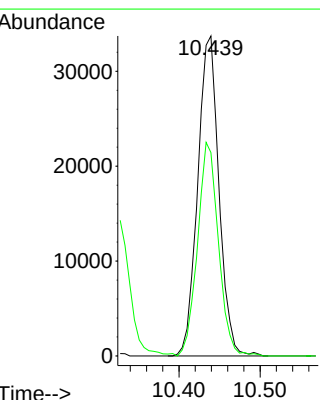
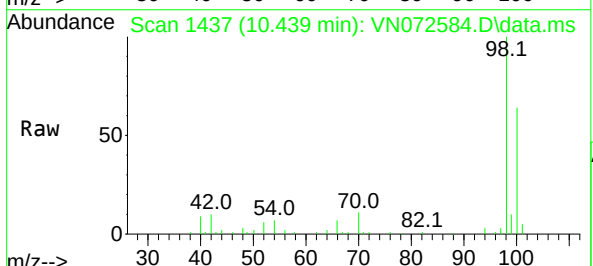
Acq: 24 May 2022 13:27

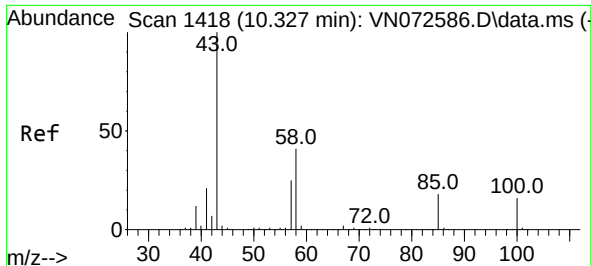
Tgt Ion: 98 Resp: 61276

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8

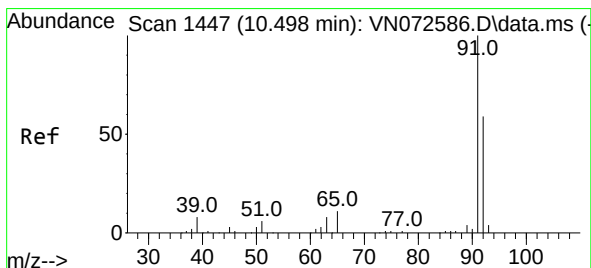
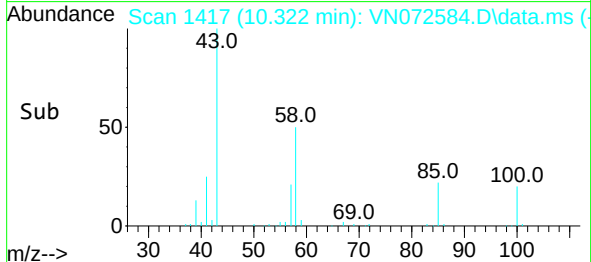
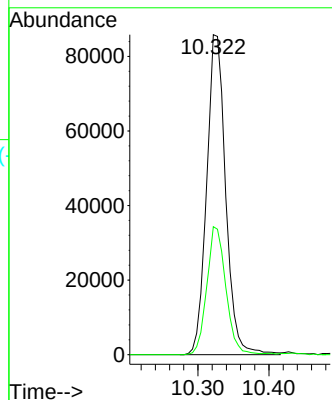
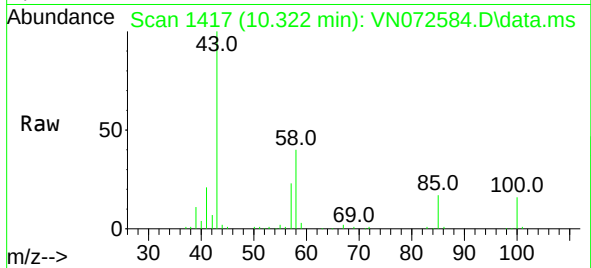




#51
4-Methyl-2-Pentanone
Concen: 55.202 ug/l
RT: 10.322 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

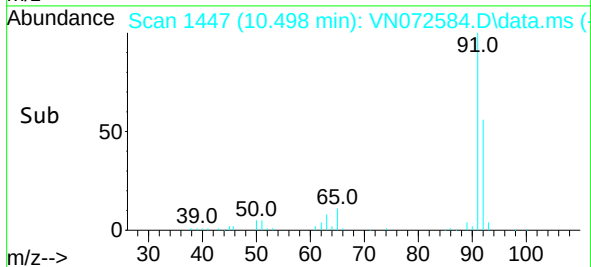
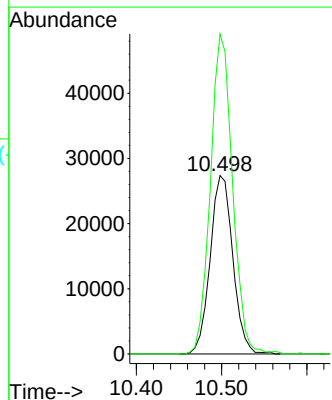
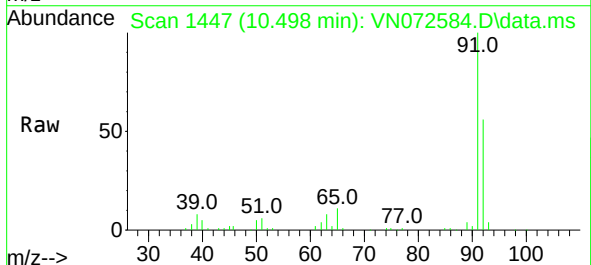
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

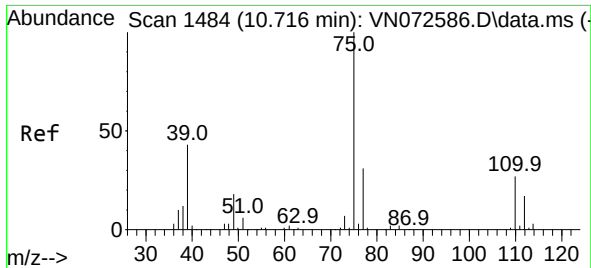
Tgt Ion: 43 Resp: 160070
Ion Ratio Lower Upper
43 100
58 39.9 34.1 51.1



#52
Toluene
Concen: 10.817 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 92 Resp: 50588
Ion Ratio Lower Upper
92 100
91 175.2 138.6 207.8

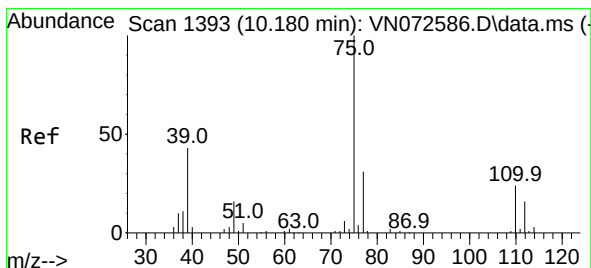
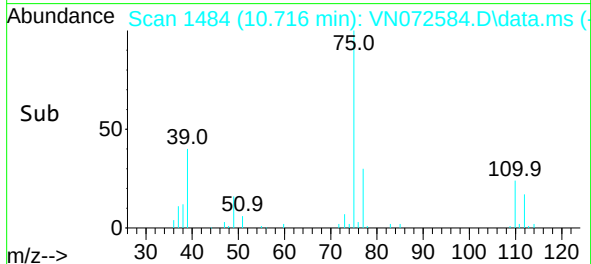
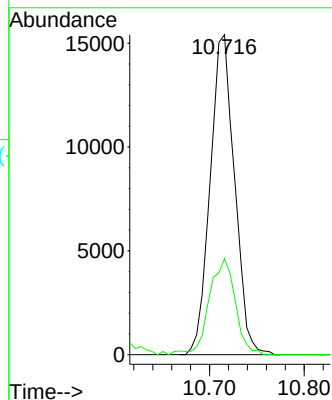
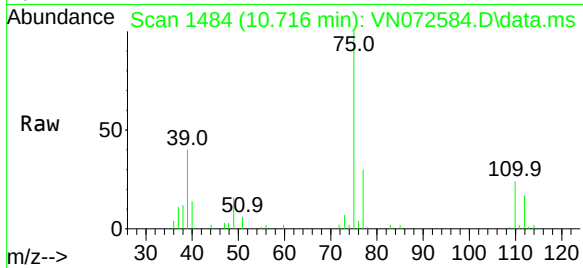




#53
 t-1,3-Dichloropropene
 Concen: 9.331 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

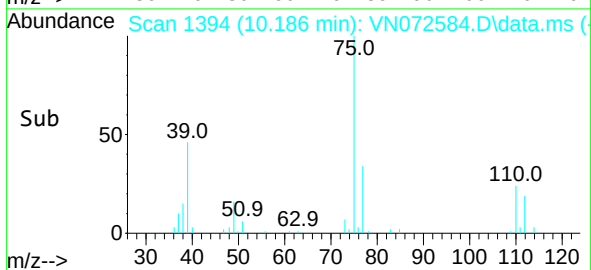
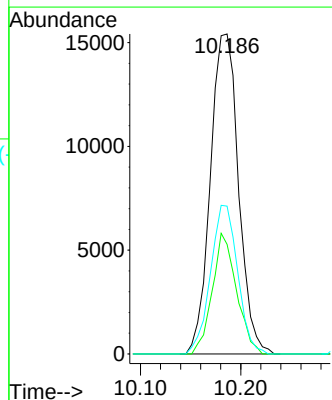
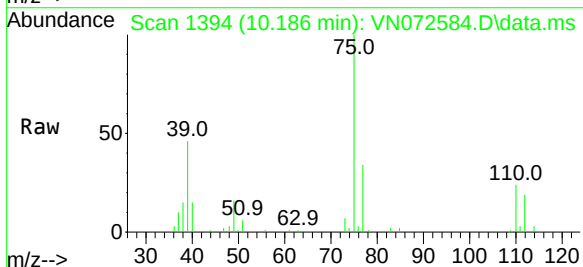
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

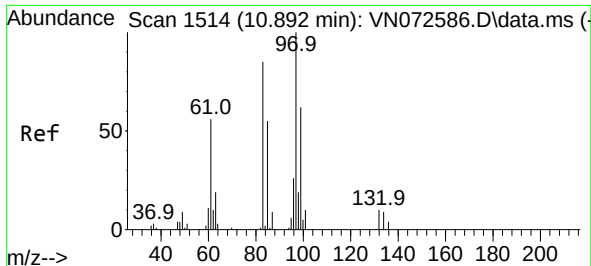
Tgt Ion: 75 Resp: 27547
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 10.138 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

Tgt Ion: 75 Resp: 30083
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.2 37.8
 39 46.2 35.7 53.5

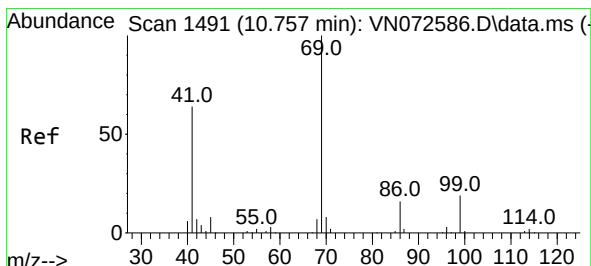
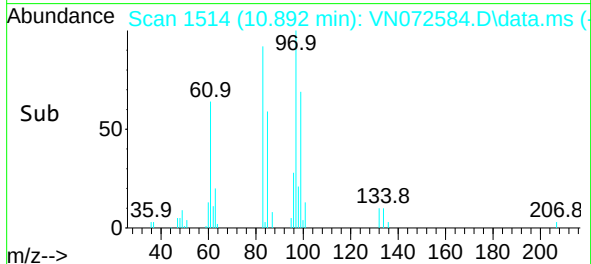
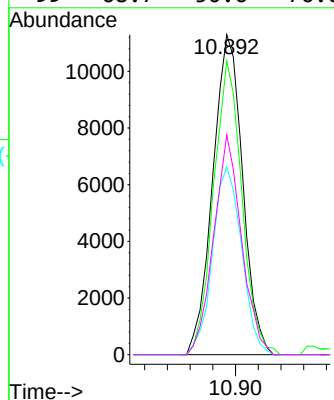
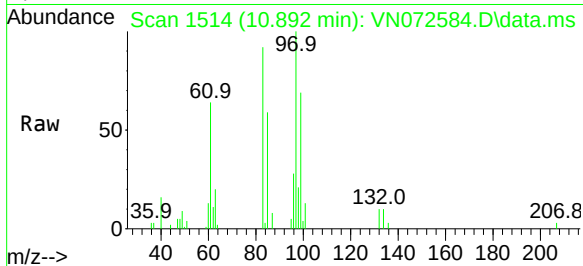




#55
1,1,2-Trichloroethane
Concen: 10.137 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

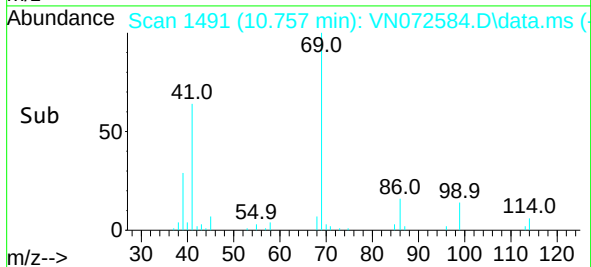
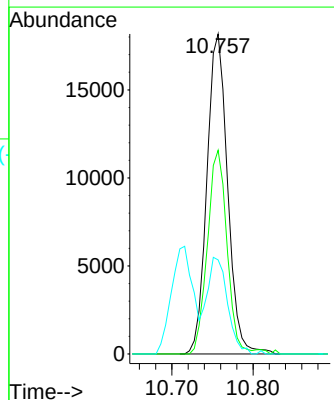
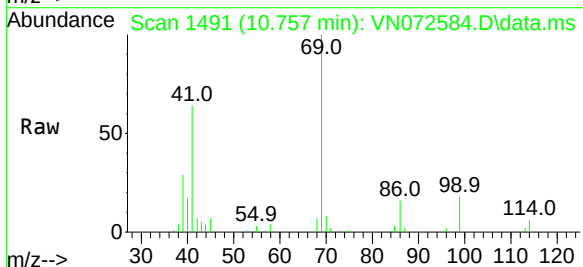
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

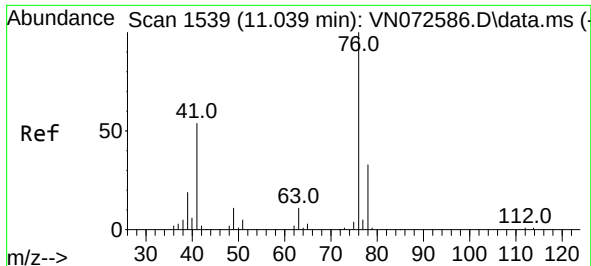
Tgt Ion: 97	Resp: 20594
Ion Ratio	Lower Upper
97 100	
83 91.8	66.2 99.4
85 58.7	43.9 65.9
99 68.7	50.6 76.0



#56
Ethyl methacrylate
Concen: 10.596 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 69	Resp: 32130
Ion Ratio	Lower Upper
69 100	
41 60.1	47.8 71.6
39 30.2	27.3 40.9





#57

1,3-Dichloropropane

Concen: 10.353 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

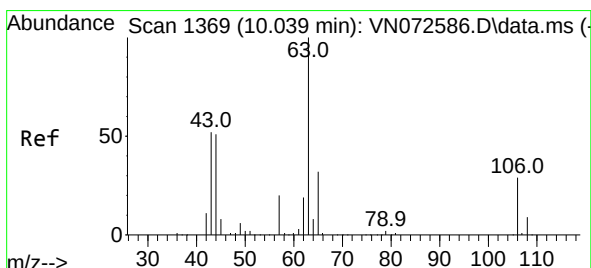
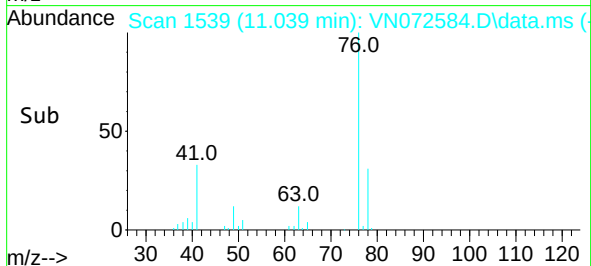
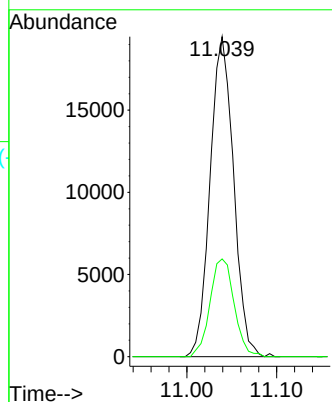
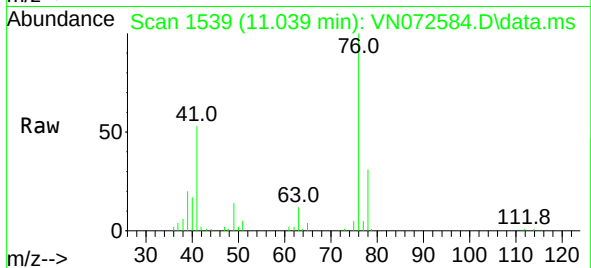
VSTDIC010

Tgt Ion: 76 Resp: 35373

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 80.403 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072584.D

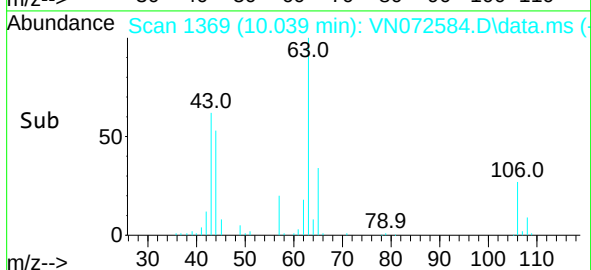
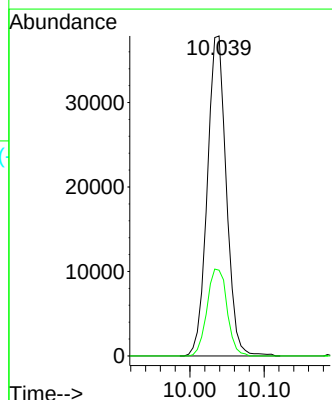
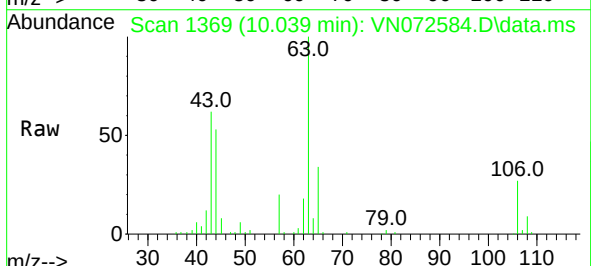
Acq: 24 May 2022 13:27

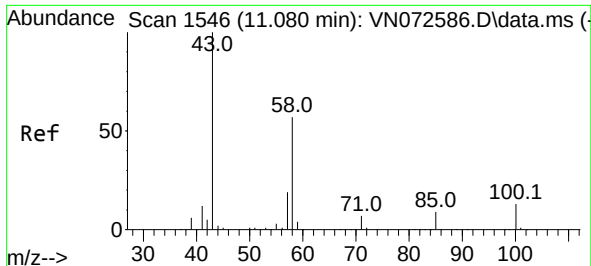
Tgt Ion: 63 Resp: 67542

Ion Ratio Lower Upper

63 100

106 28.6 24.6 36.8

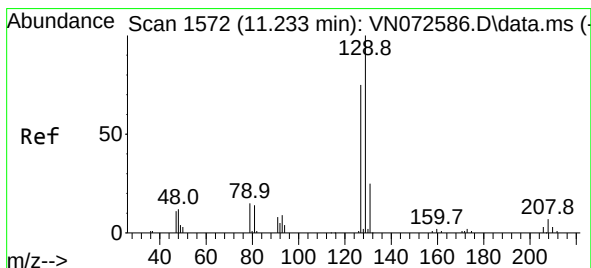
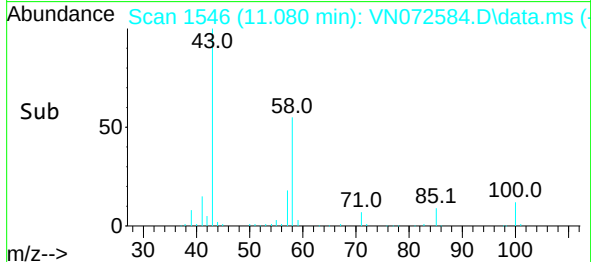
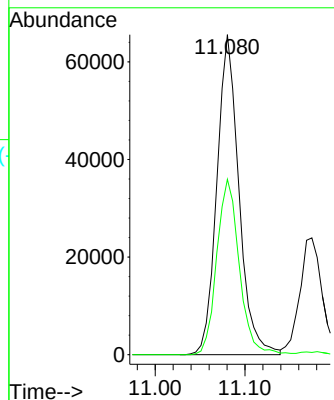
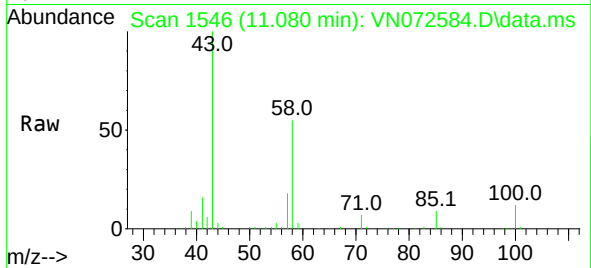




#59
2-Hexanone
Concen: 55.370 ug/l
RT: 11.080 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

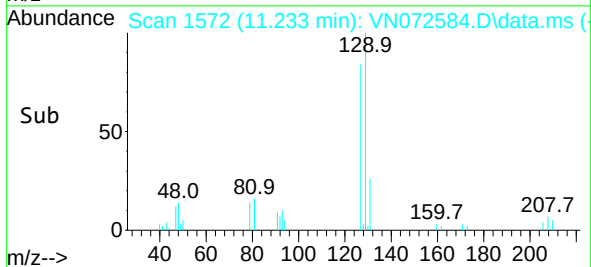
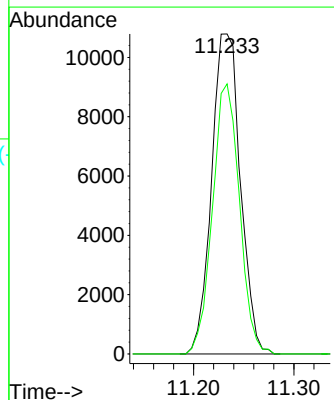
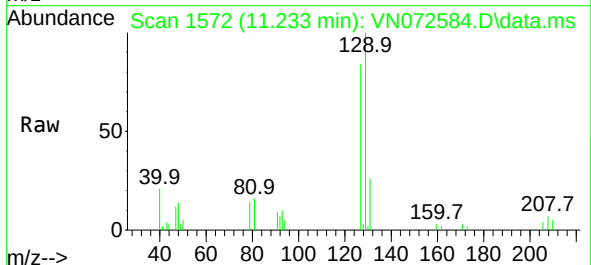
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

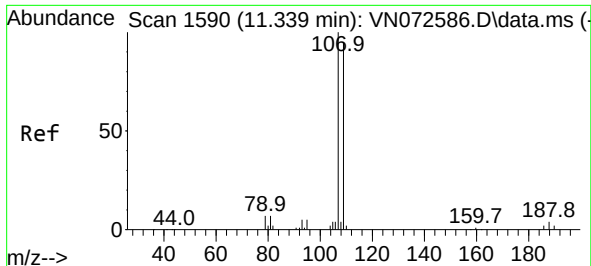
Tgt Ion: 43 Resp: 111870
Ion Ratio Lower Upper
43 100
58 56.1 29.7 89.1



#60
Dibromochloromethane
Concen: 9.371 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 129 Resp: 21536
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4

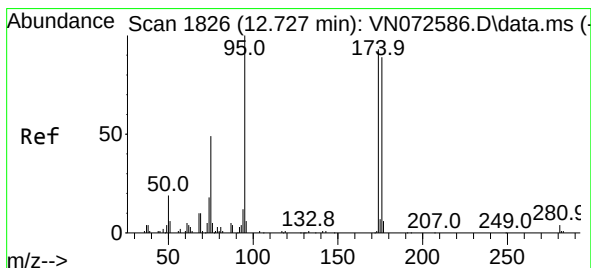
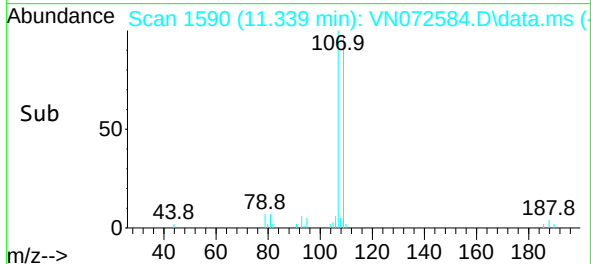
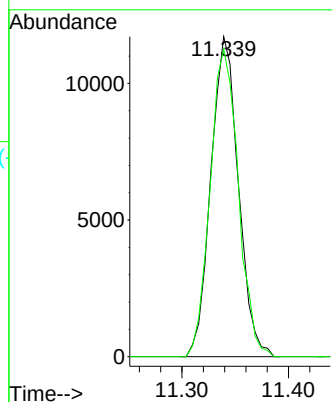
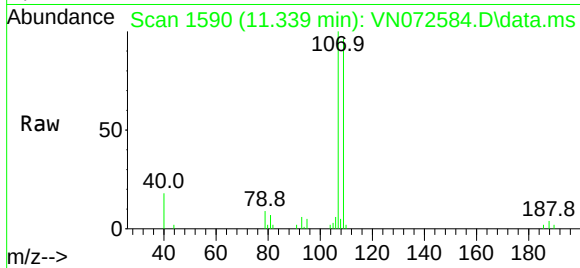




#61
1,2-Dibromoethane
Concen: 9.974 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

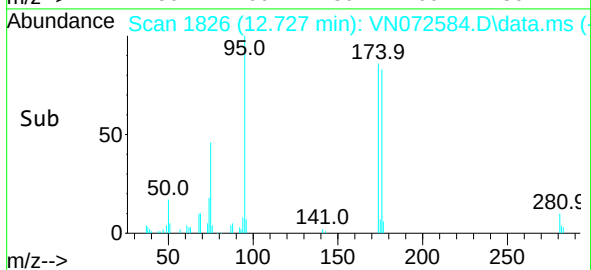
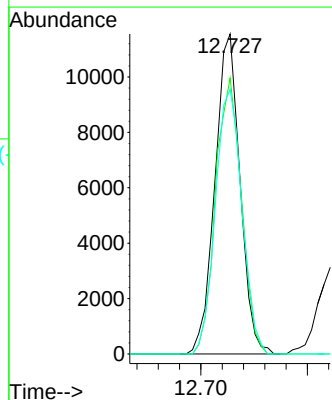
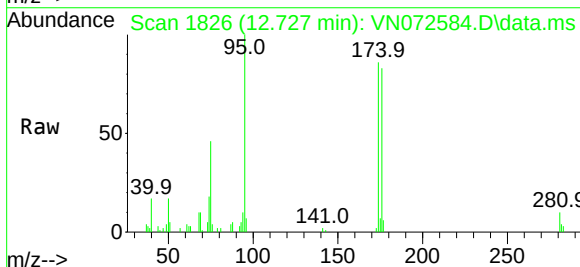
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

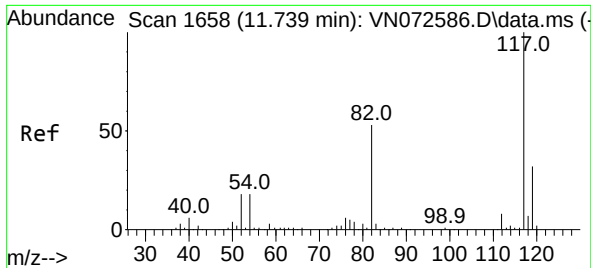
Tgt Ion:107 Resp: 20974
Ion Ratio Lower Upper
107 100
109 98.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 7.576 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 95 Resp: 18820
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 87.8 0.0 163.4

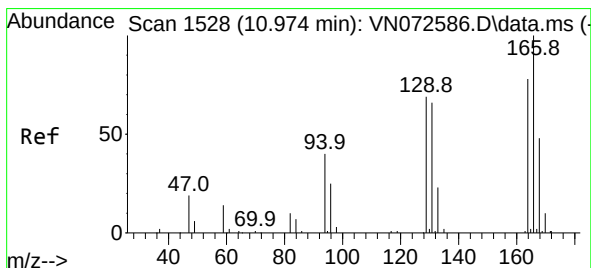
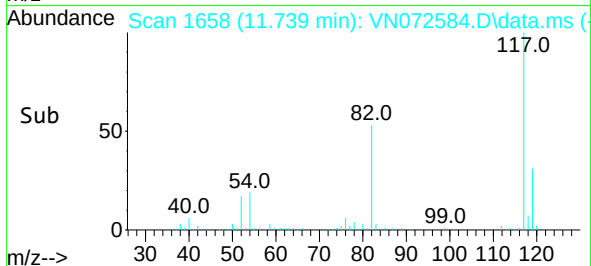
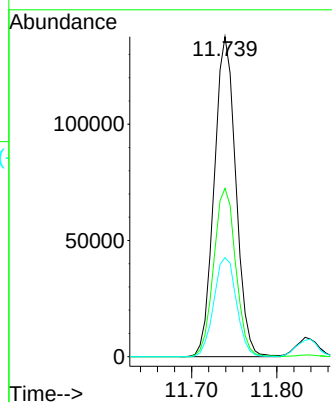
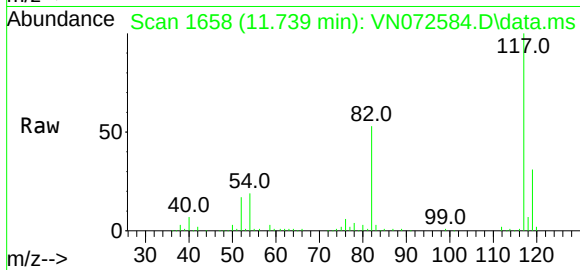




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

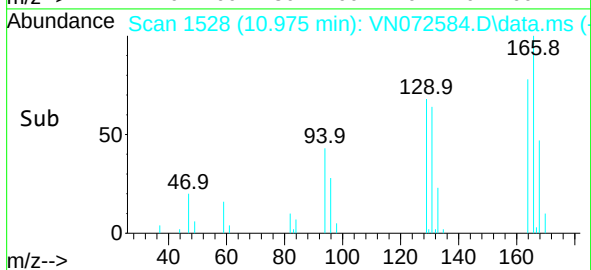
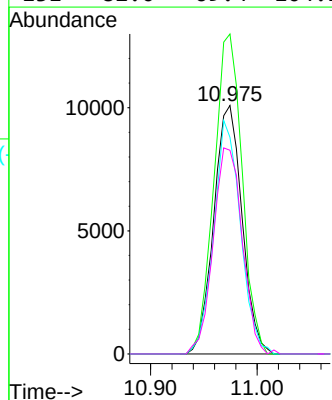
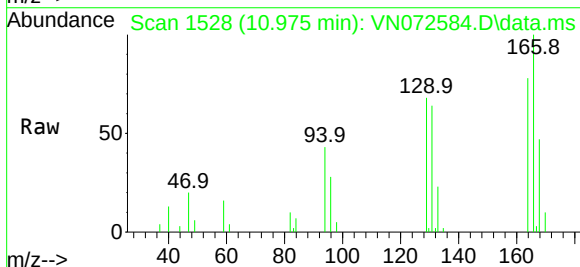
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

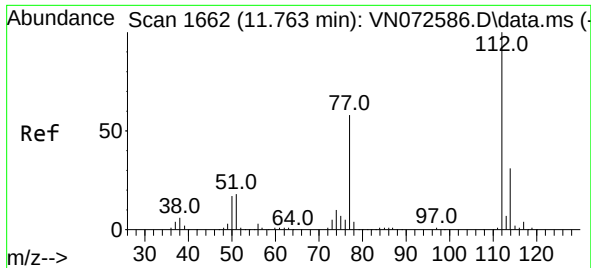
Tgt Ion:117 Resp: 242791
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 30.9 25.4 38.0



#64
Tetrachloroethene
Concen: 10.717 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion:164 Resp: 18581
Ion Ratio Lower Upper
164 100
166 128.8 104.2 156.2
129 87.2 73.9 110.9
131 82.0 69.4 104.2

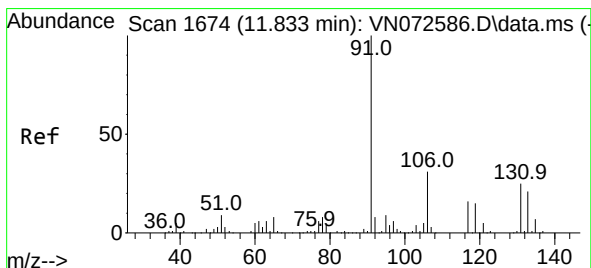
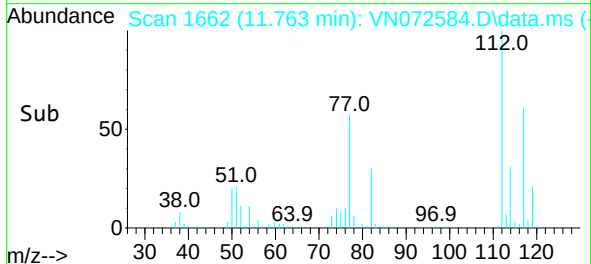
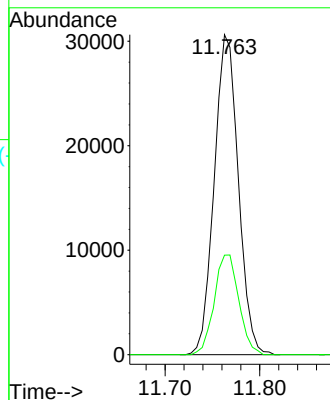
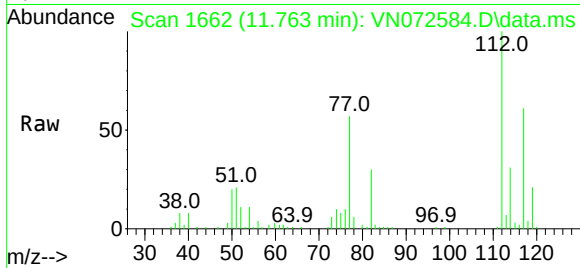




#65
Chlorobenzene
Concen: 10.720 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

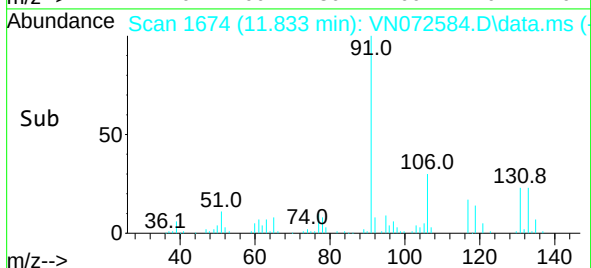
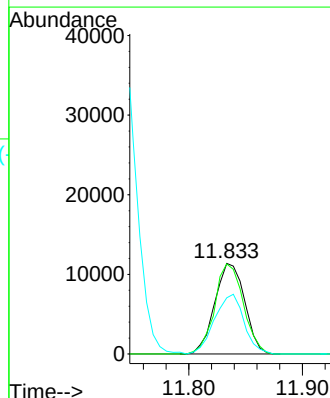
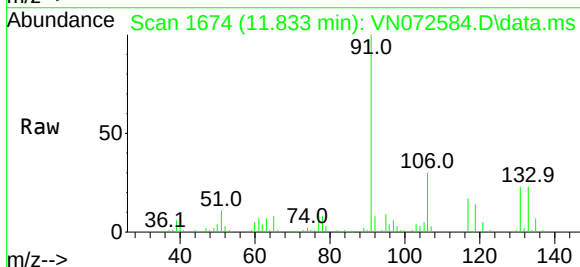
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

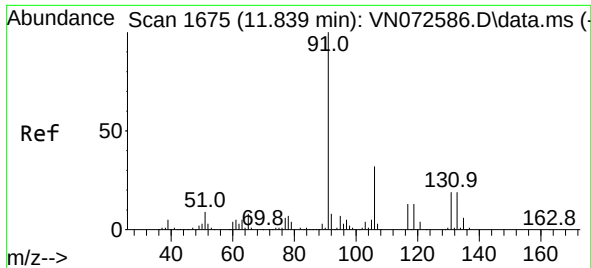
Tgt Ion:112 Resp: 54212
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 10.232 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion:131 Resp: 20785
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 64.9 33.4 100.2

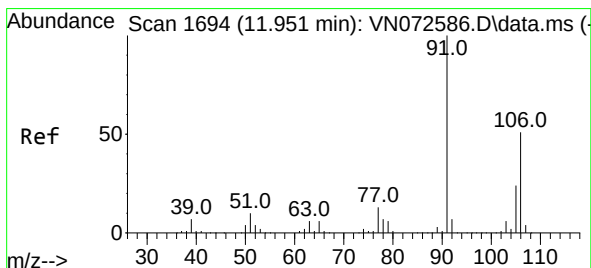
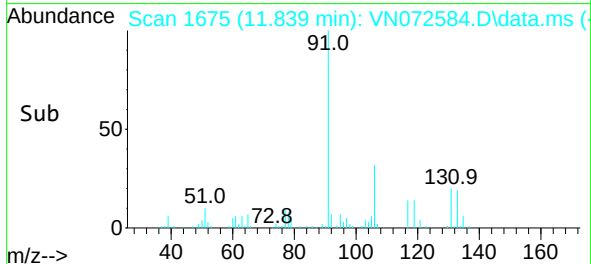
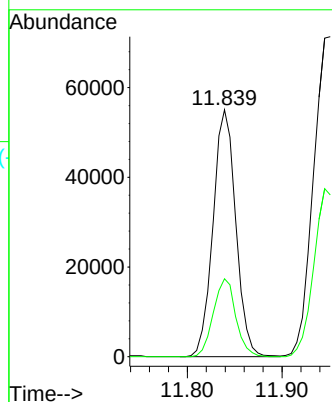
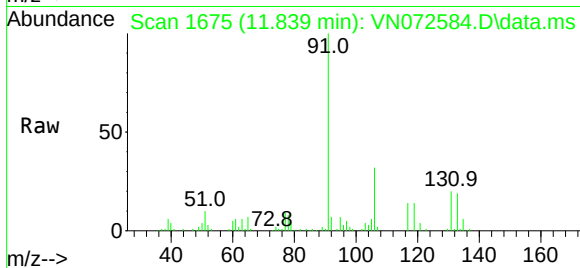




#67
Ethyl Benzene
Concen: 10.481 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

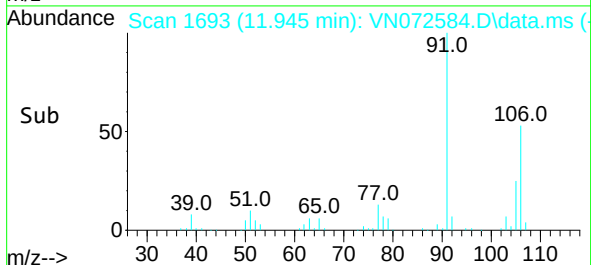
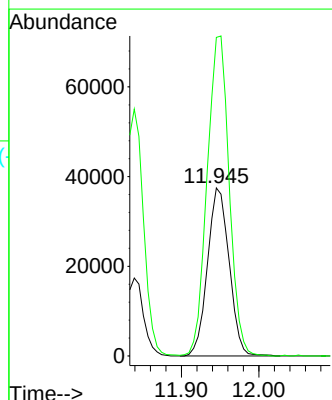
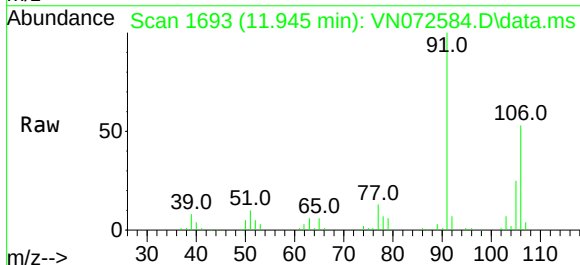
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

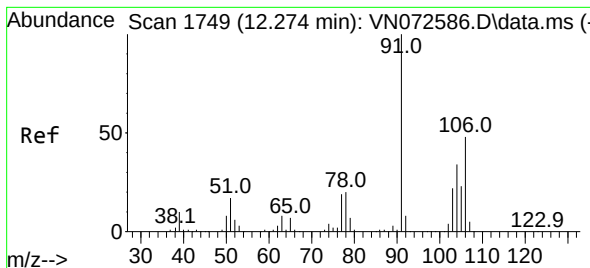
Tgt Ion: 91 Resp: 92013
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 21.626 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 106 Resp: 72761
Ion Ratio Lower Upper
106 100
91 193.9 158.9 238.3





#69

o-Xylene

Concen: 10.077 ug/l

RT: 12.274 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

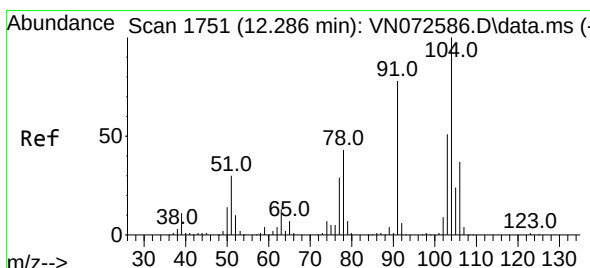
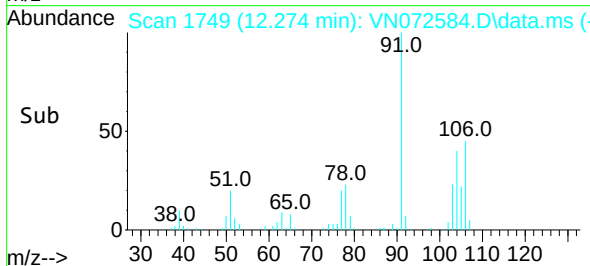
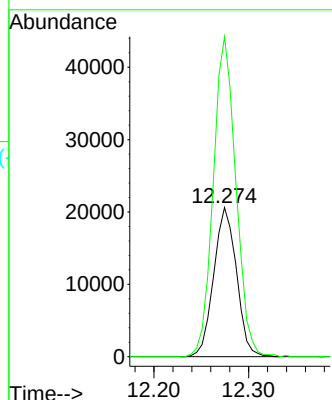
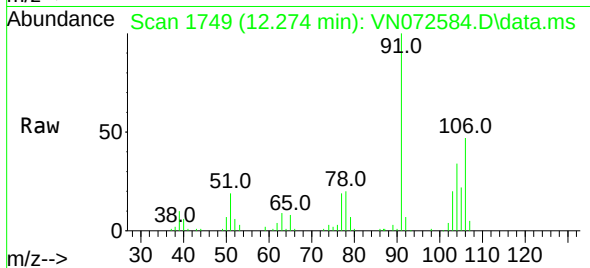
VSTDICC010

Tgt Ion:106 Resp: 34454

Ion Ratio Lower Upper

106 100

91 213.3 106.0 318.0



#70

Styrene

Concen: 10.409 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

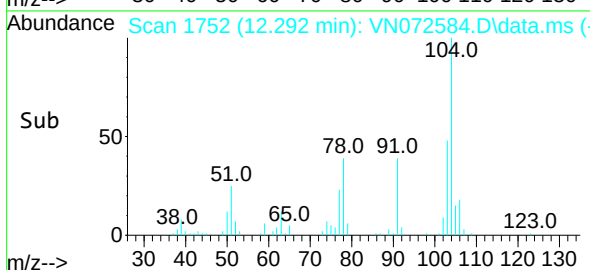
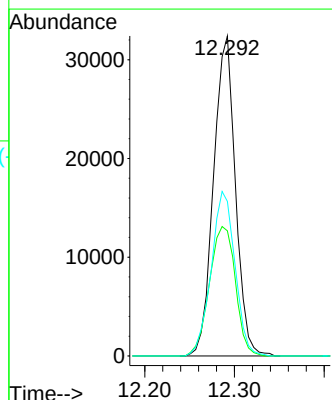
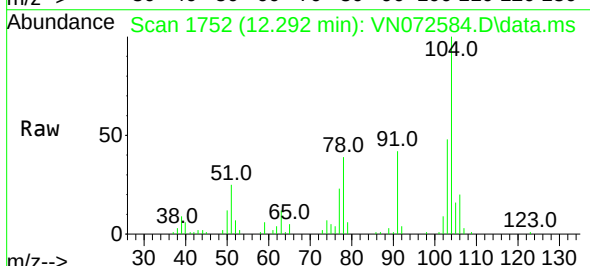
Tgt Ion:104 Resp: 54806

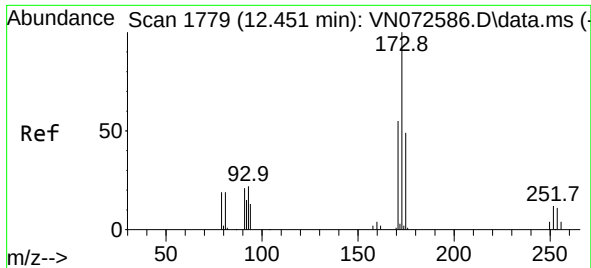
Ion Ratio Lower Upper

104 100

78 48.0 39.5 59.3

103 56.1 44.0 66.0

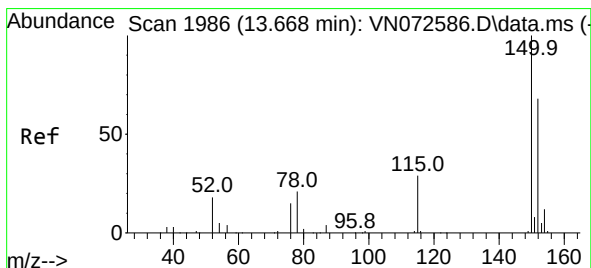
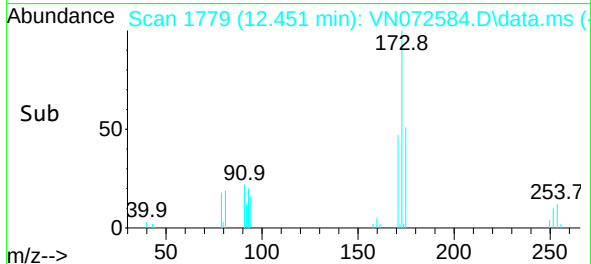
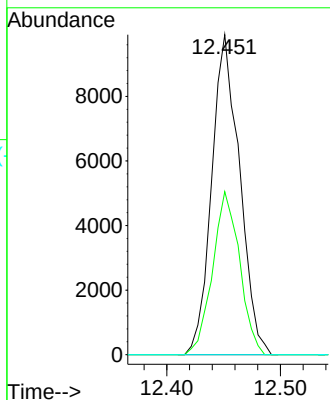
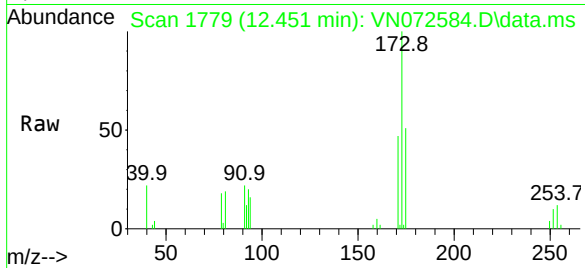




#71
Bromoform
Concen: 10.675 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

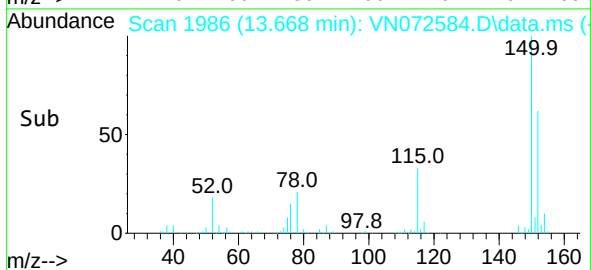
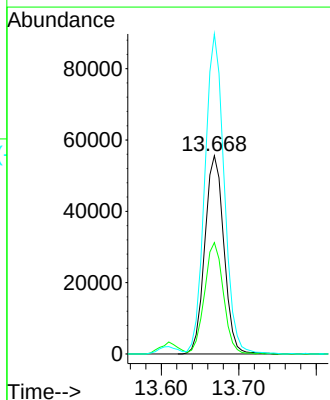
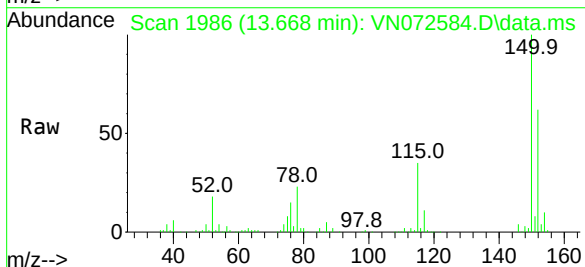
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

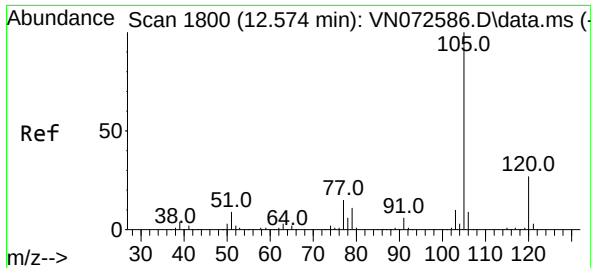
Tgt Ion:173 Resp: 16898
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion:152 Resp: 95044
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 163.9 0.0 356.2

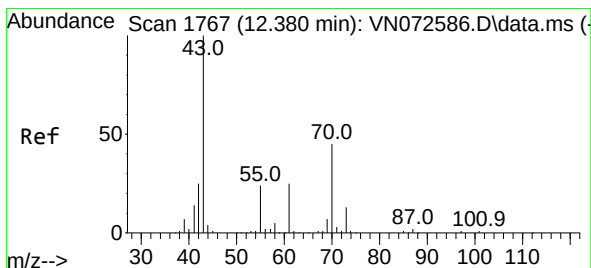
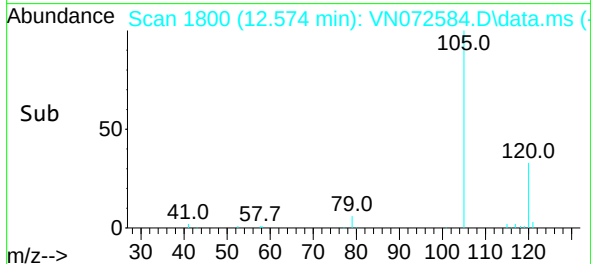
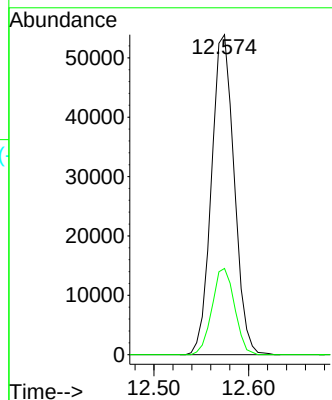
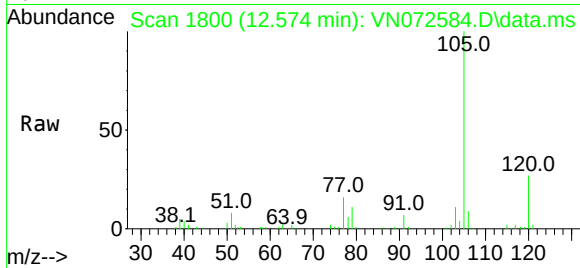




#73
Isopropylbenzene
Concen: 11.285 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

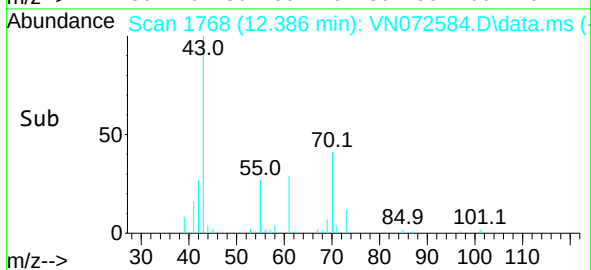
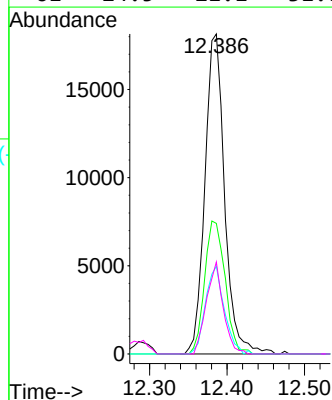
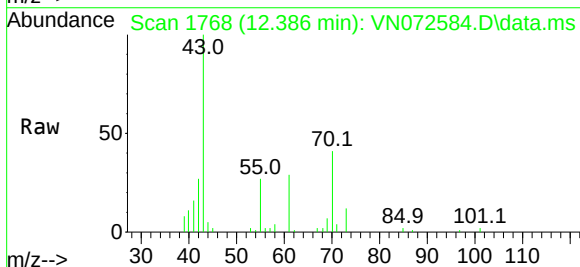
Instrument :
MSVOA_N
ClientSampleId :
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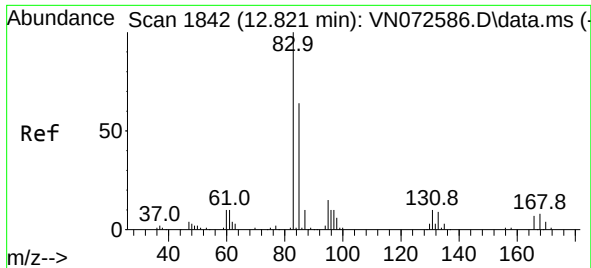
Tgt Ion:105 Resp: 89855
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 11.714 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 43 Resp: 32094
Ion Ratio Lower Upper
43 100
70 43.1 39.0 58.4
55 26.3 21.1 31.7
61 24.5 21.1 31.7

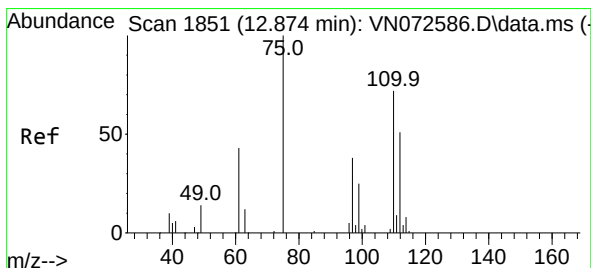
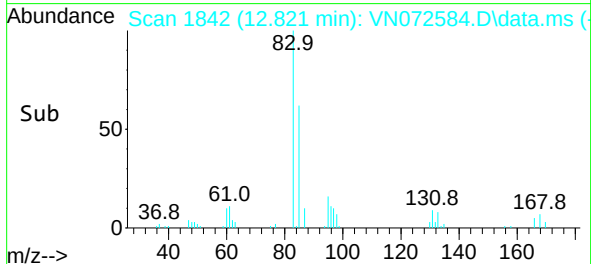
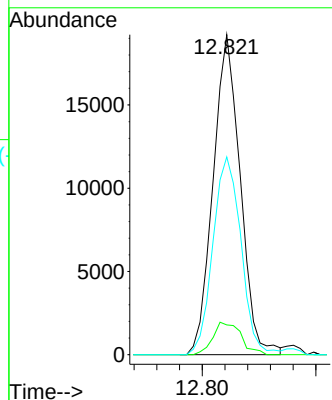
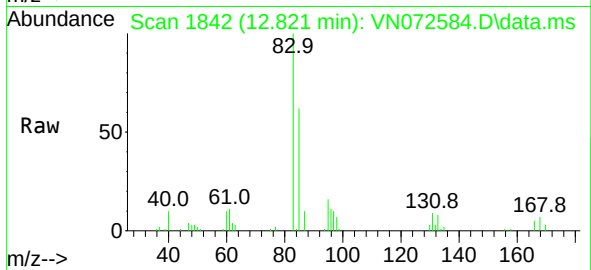




#75
1,1,2,2-Tetrachloroethane
Concen: 12.757 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

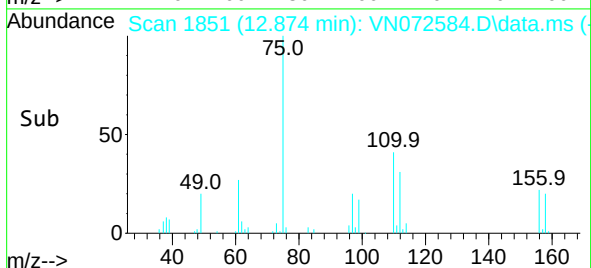
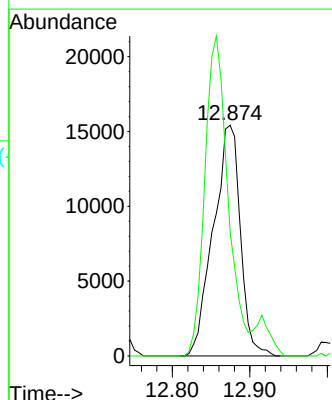
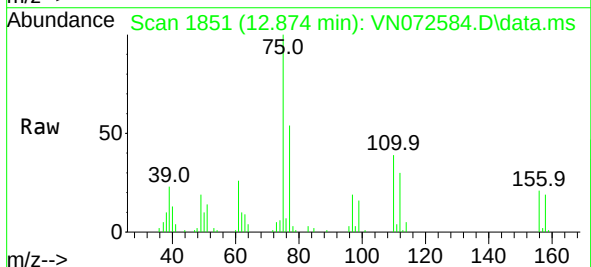
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

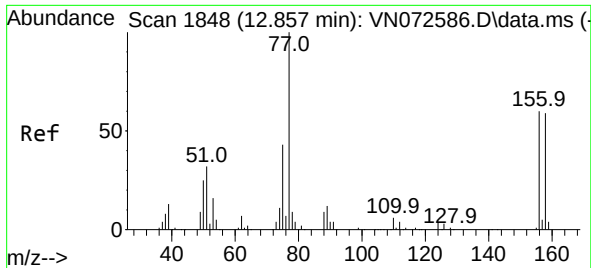
Tgt Ion: 83 Resp: 31902
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 63.9 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 13.407 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 75 Resp: 37429
Ion Ratio Lower Upper
75 100
77 118.3 98.5 295.5

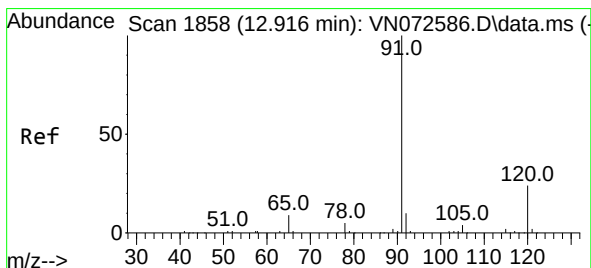
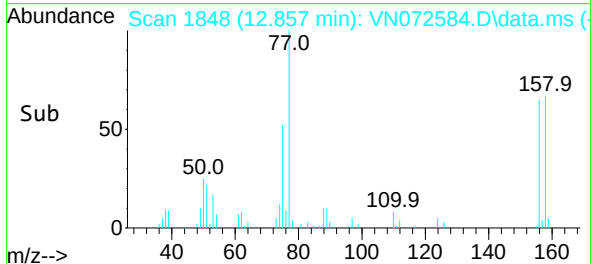
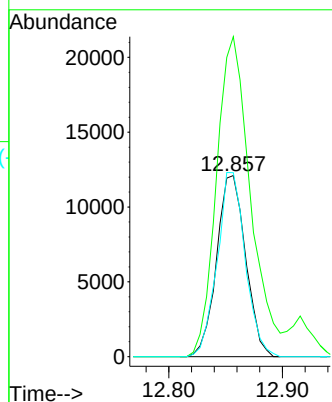
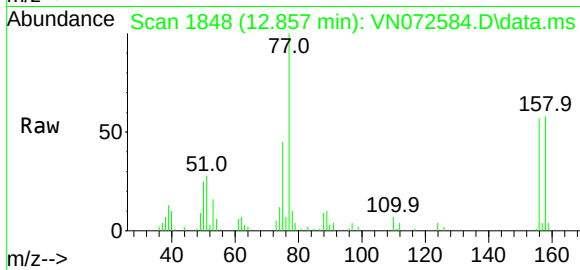




#77
Bromobenzene
Concen: 10.432 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

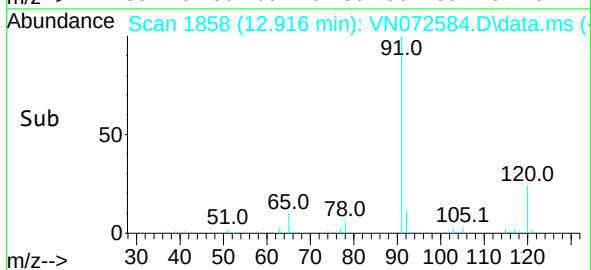
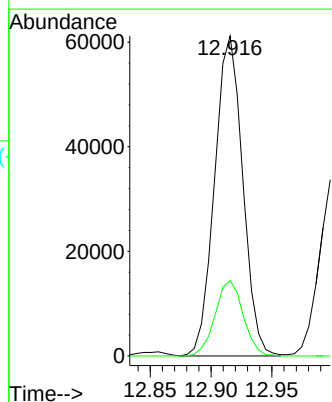
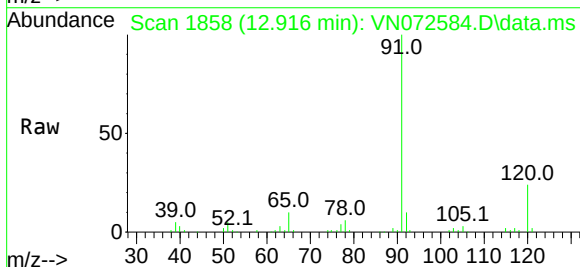
Instrument :
MSVOA_N
ClientSampleId :
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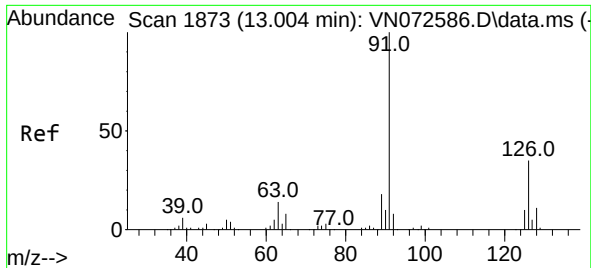
Tgt Ion:156 Resp: 21485
Ion Ratio Lower Upper
156 100
77 206.0 100.5 301.5
158 98.6 48.9 146.6



#78
n-propylbenzene
Concen: 11.254 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 91 Resp: 98197
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

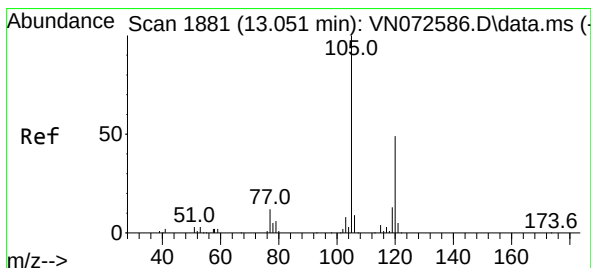
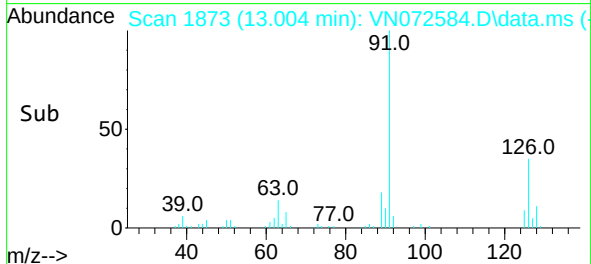
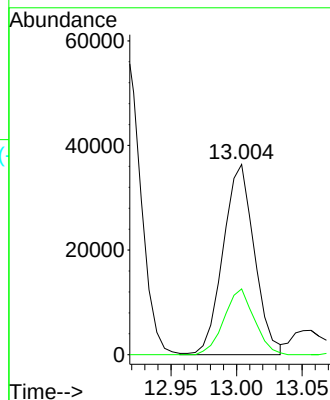
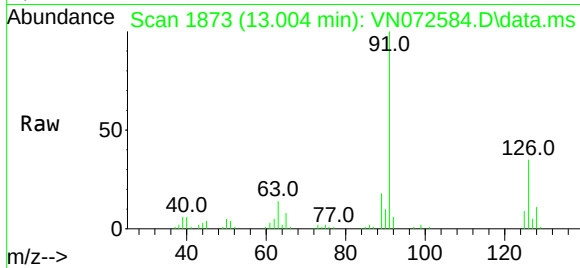




#79
2-Chlorotoluene
Concen: 10.527 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

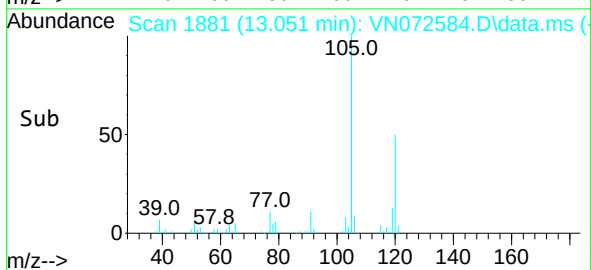
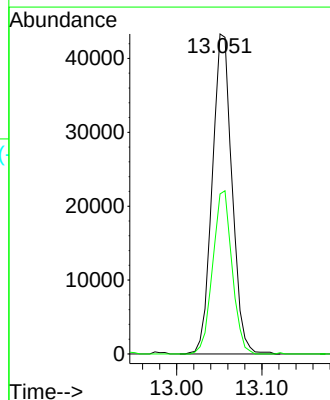
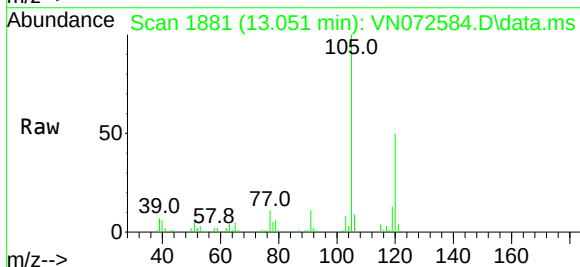
Instrument :
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ClientSampleId :
VSTDIC010

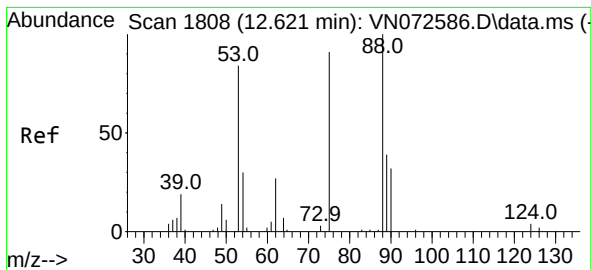
Tgt Ion: 91 Resp: 60481
Ion Ratio Lower Upper
91 100
126 33.3 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 10.330 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 105 Resp: 69840
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7

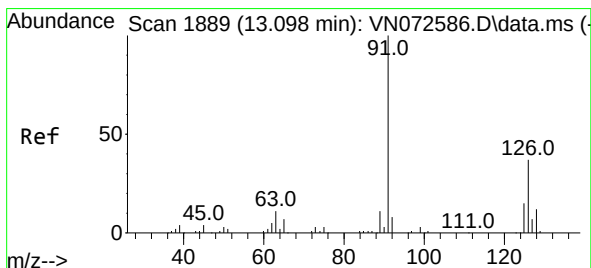
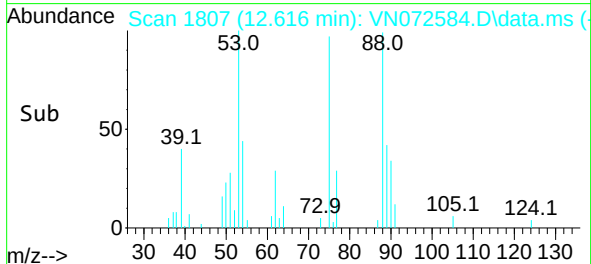
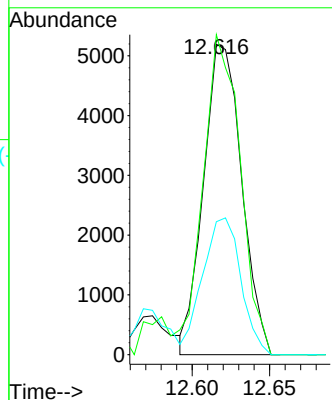
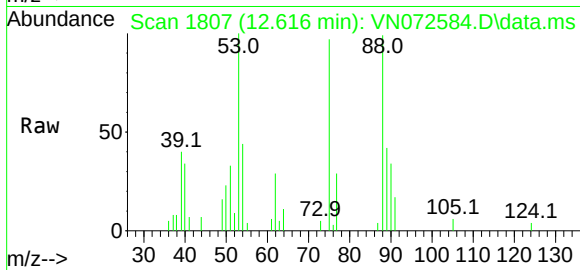




#81
trans-1,4-Dichloro-2-butene
Concen: 12.133 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

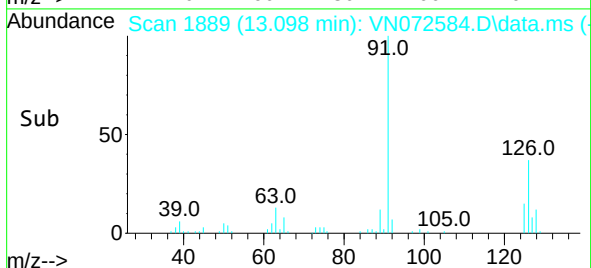
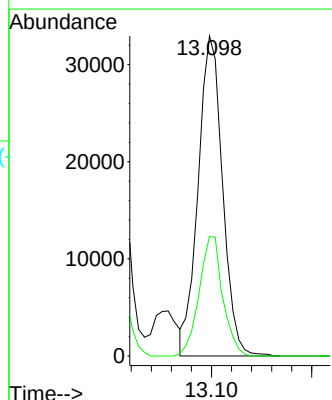
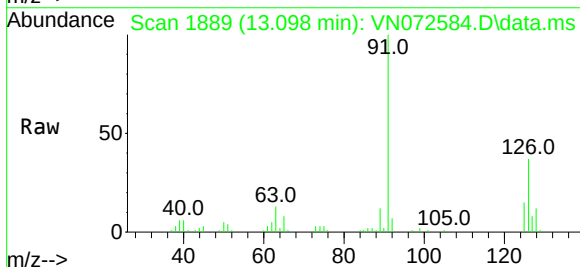
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

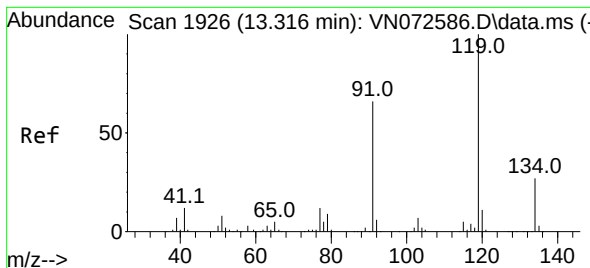
Tgt Ion: 75 Resp: 8882
Ion Ratio Lower Upper
75 100
53 100.9 78.0 117.0
89 44.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 10.375 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 91 Resp: 55701
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 11.126 ug/l

RT: 13.316 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

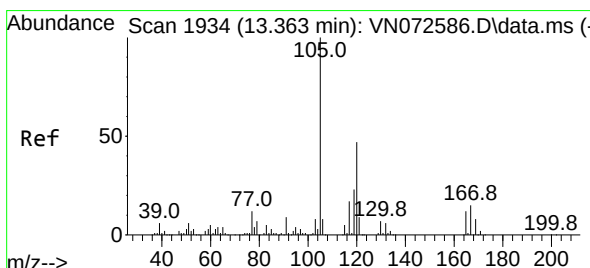
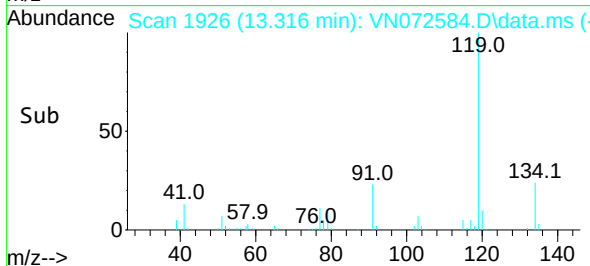
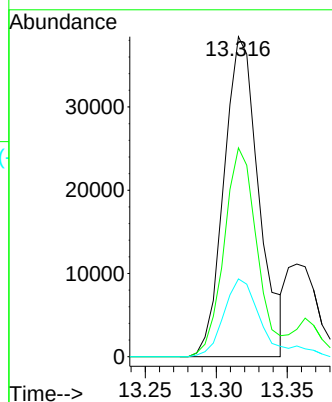
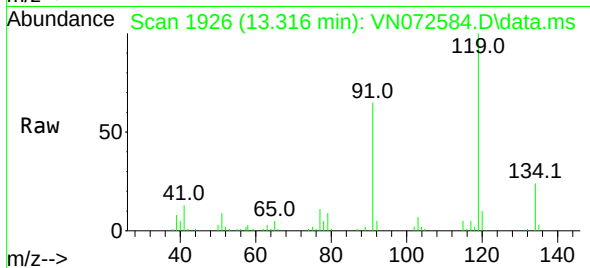
Tgt Ion:119 Resp: 65676

Ion Ratio Lower Upper

119 100

91 61.3 31.6 94.8

134 26.4 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 10.387 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: VN072584.D

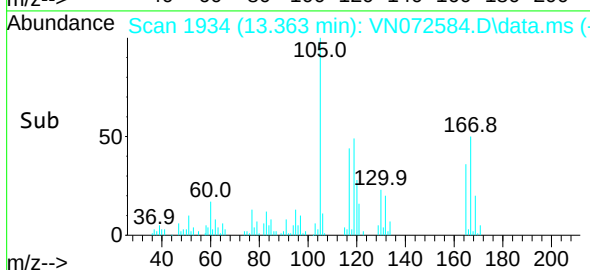
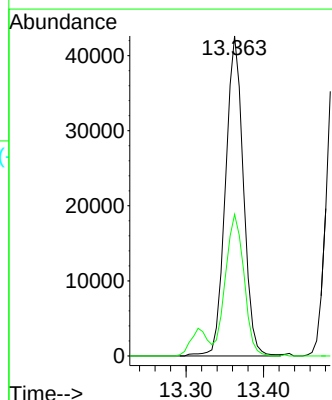
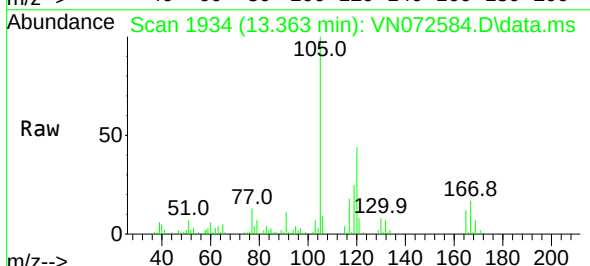
Acq: 24 May 2022 13:27

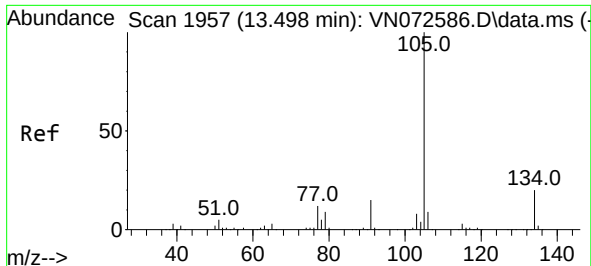
Tgt Ion:105 Resp: 68433

Ion Ratio Lower Upper

105 100

120 45.7 23.3 69.8

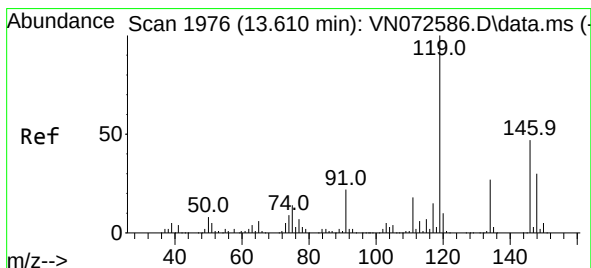
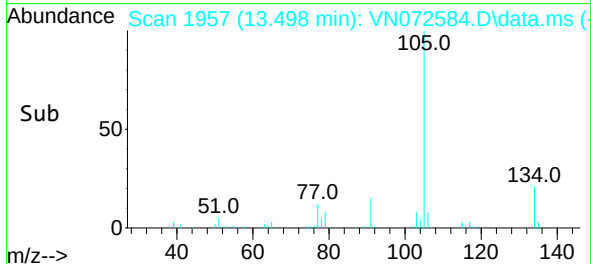
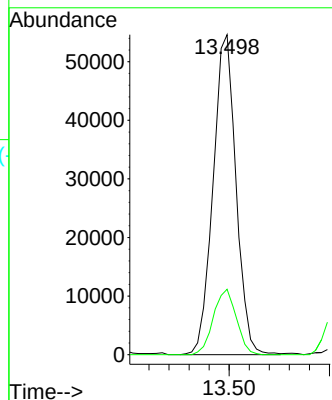
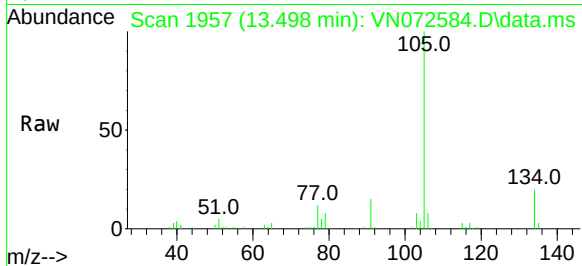




#85
 sec-Butylbenzene
 Concen: 11.267 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

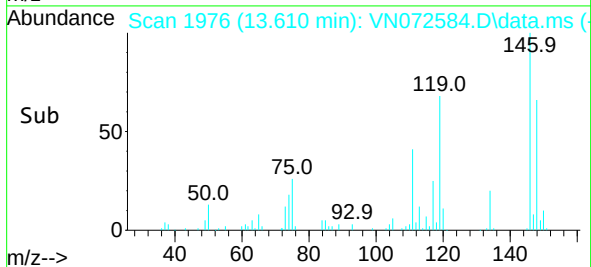
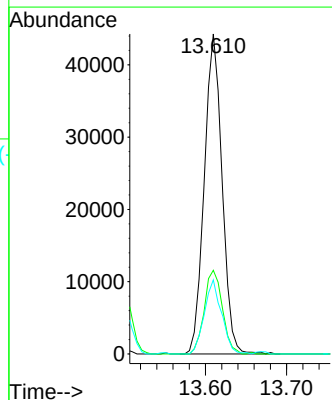
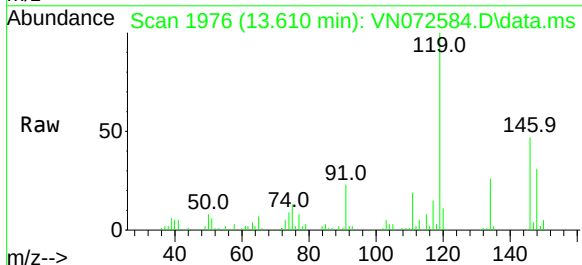
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

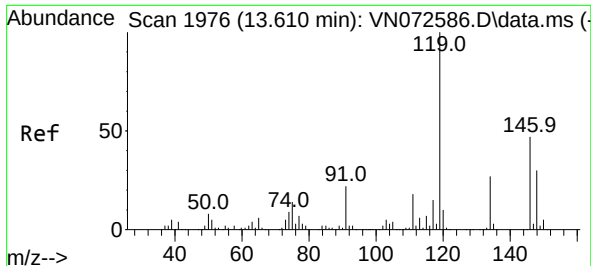
Tgt Ion:105 Resp: 86789
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 10.710 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

Tgt Ion:119 Resp: 67409
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.5 11.3 33.9

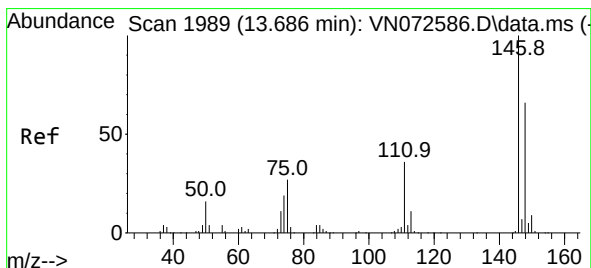
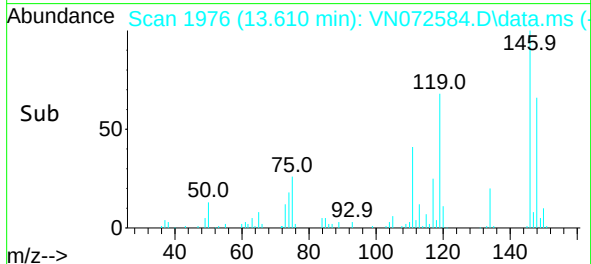
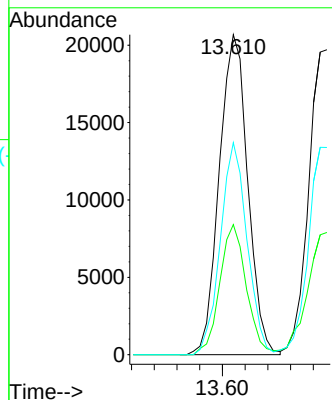
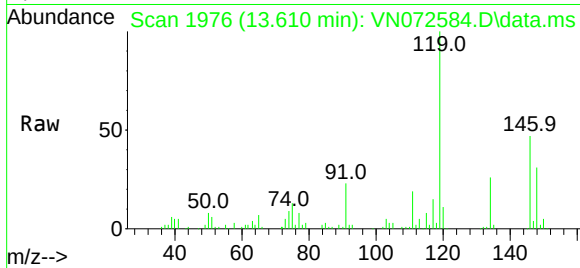




#87
 1,3-Dichlorobenzene
 Concen: 10.685 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

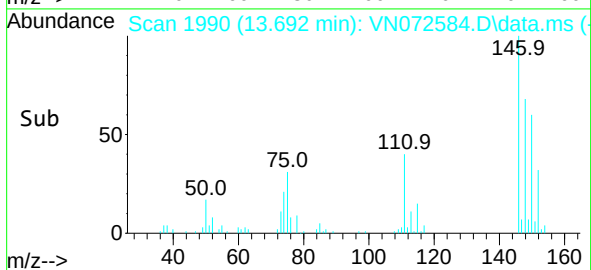
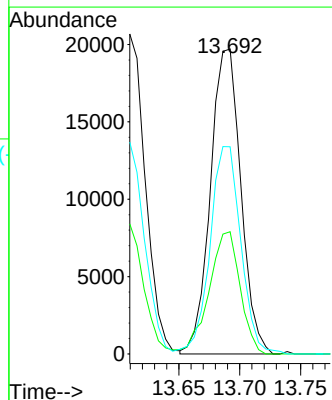
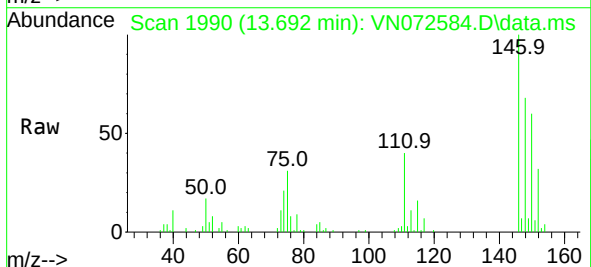
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

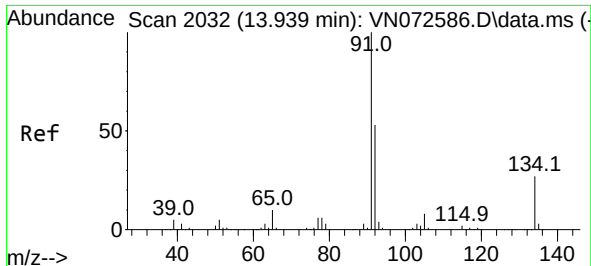
Tgt Ion:146 Resp: 35992
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.0 60.0
 148 62.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 10.493 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

Tgt Ion:146 Resp: 34269
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.1 57.1
 148 68.9 31.4 94.3

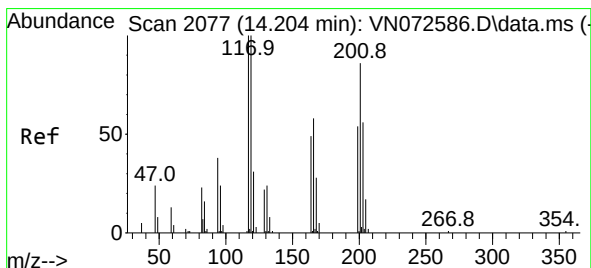
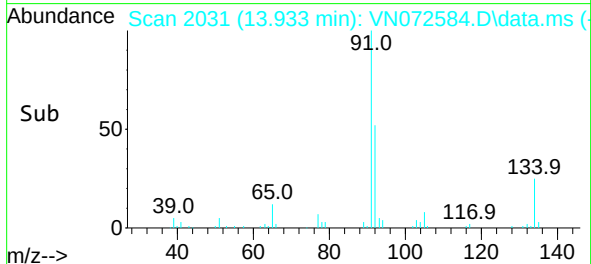
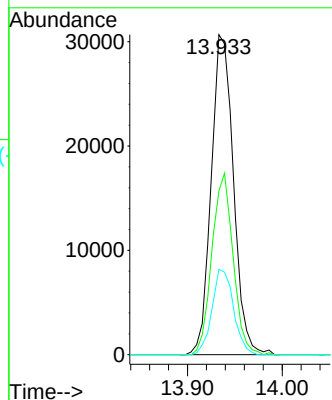
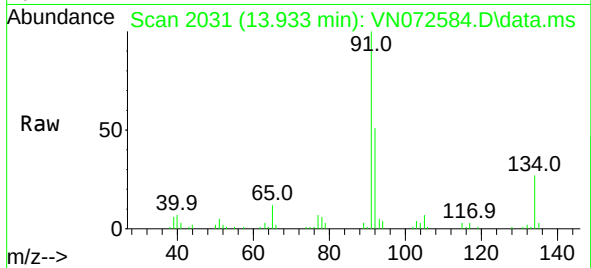




#89
n-Butylbenzene
Concen: 10.489 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

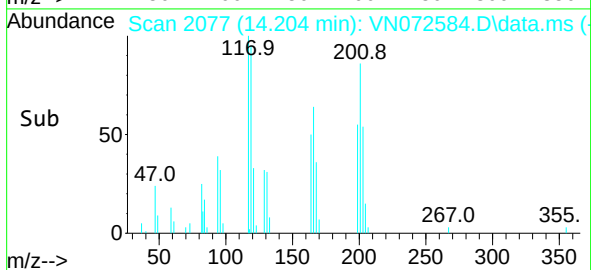
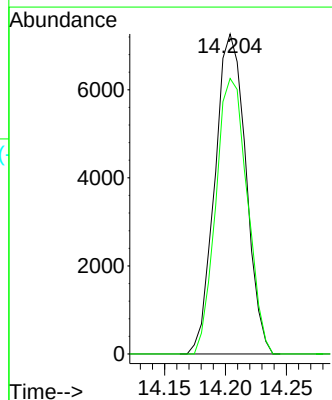
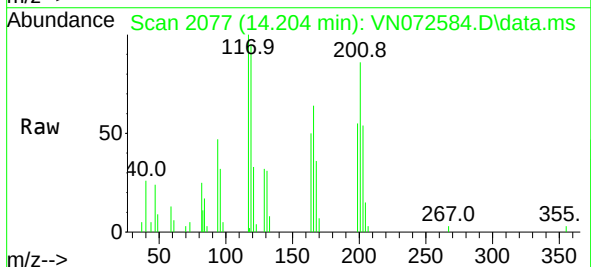
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

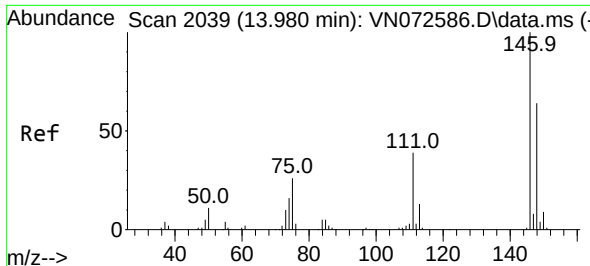
Tgt Ion: 91 Resp: 50065
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 25.8 13.6 40.8



#90
Hexachloroethane
Concen: 11.426 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 117 Resp: 12854
Ion Ratio Lower Upper
117 100
201 87.3 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 10.377 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

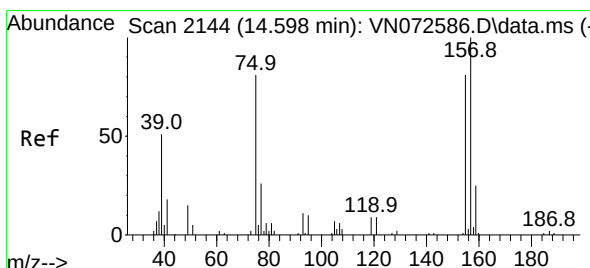
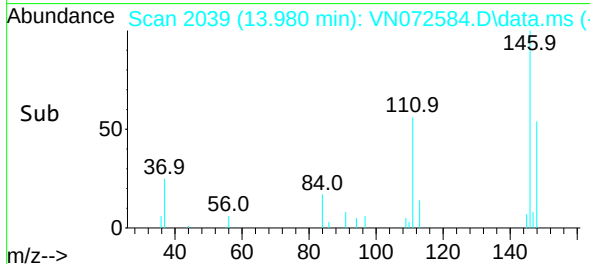
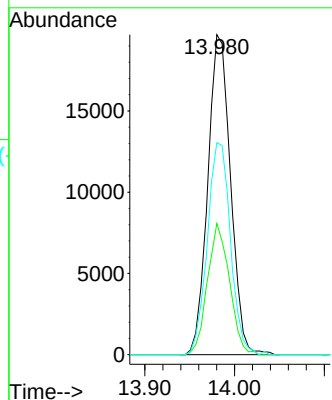
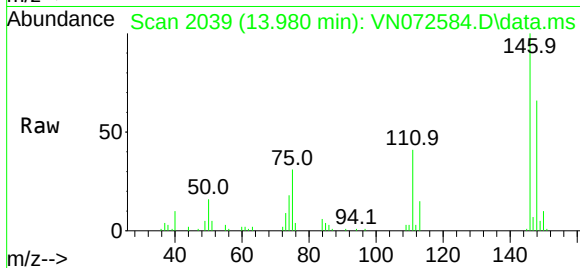
Tgt Ion:146 Resp: 34710

Ion Ratio Lower Upper

146 100

111 39.6 20.9 62.8

148 67.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.481 ug/l

RT: 14.604 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

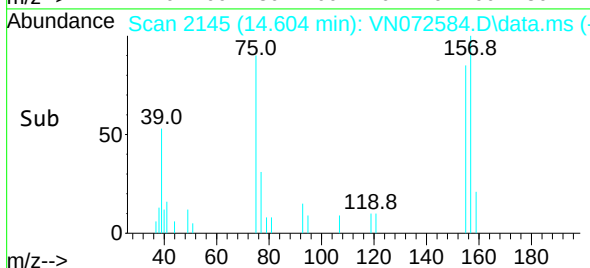
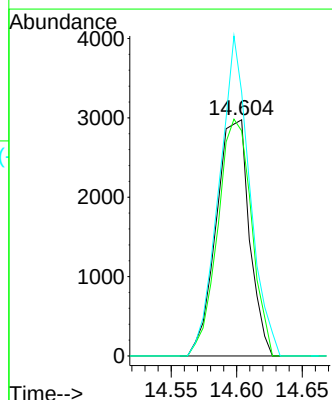
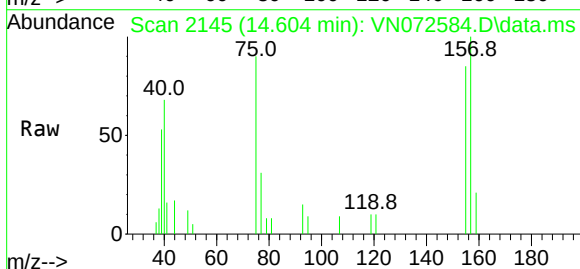
Tgt Ion: 75 Resp: 5235

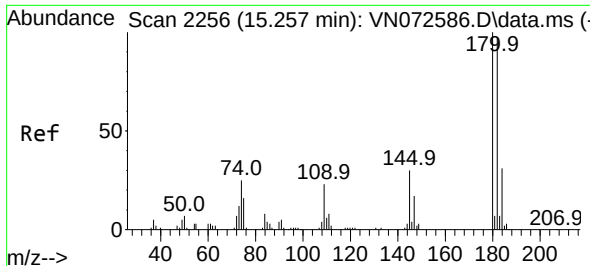
Ion Ratio Lower Upper

75 100

155 101.7 44.9 134.5

157 124.7 59.0 176.8

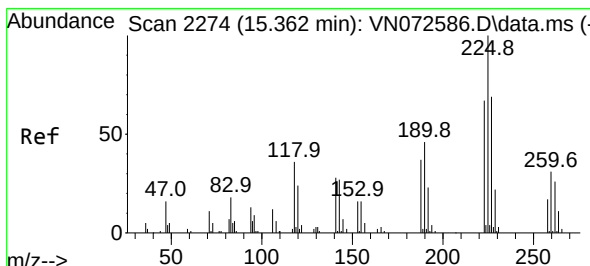
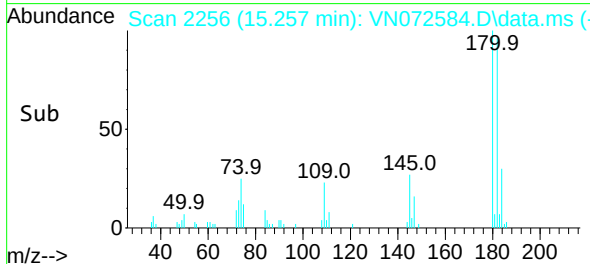
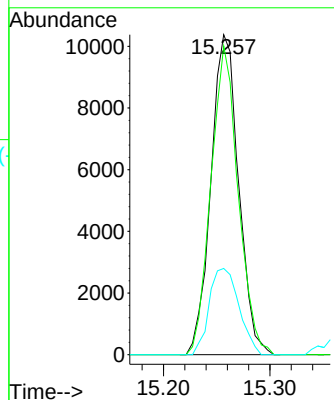
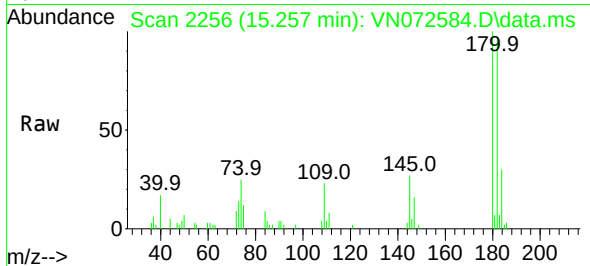




#93
 1,2,4-Trichlorobenzene
 Concen: 12.525 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

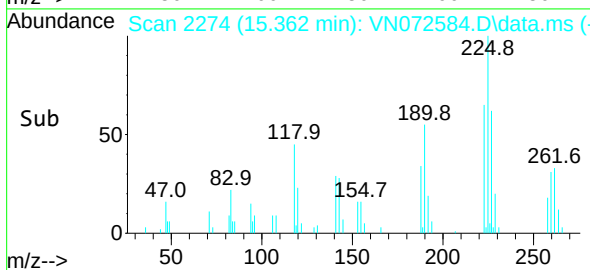
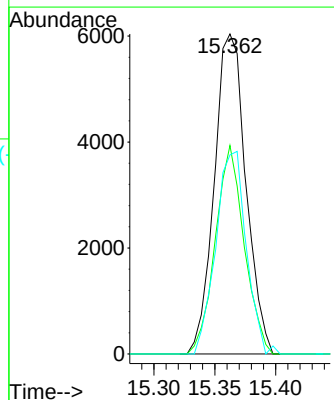
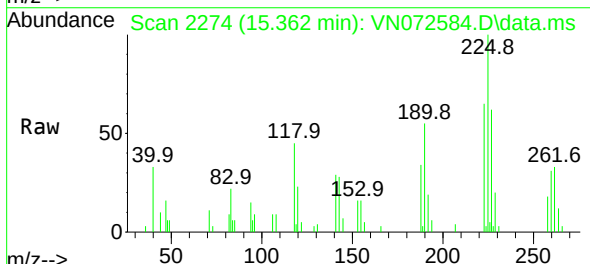
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

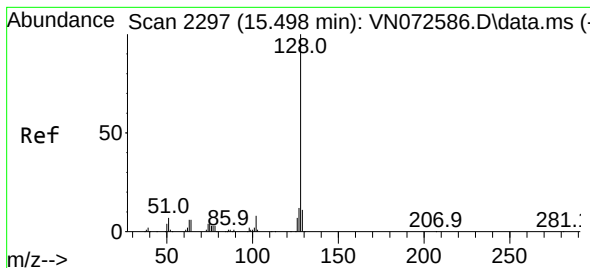
Tgt Ion:180 Resp: 18702
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.5 142.5
 145 28.9 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 11.758 ug/l
 RT: 15.362 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

Tgt Ion:225 Resp: 10908
 Ion Ratio Lower Upper
 225 100
 223 59.5 32.4 97.2
 227 60.8 31.8 95.4





#95

Naphthalene

Concen: 13.474 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

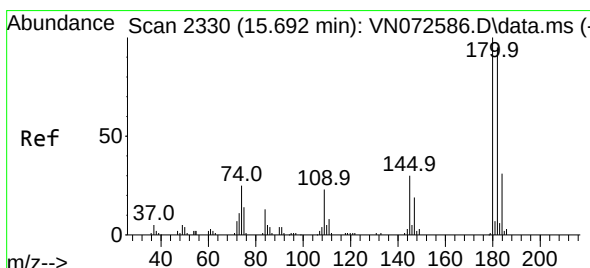
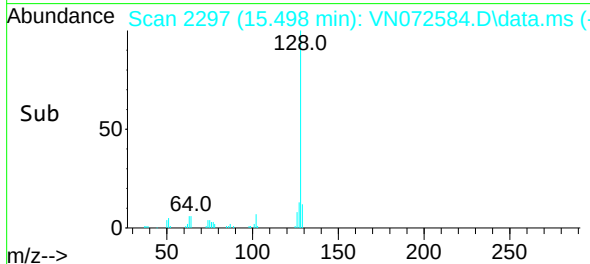
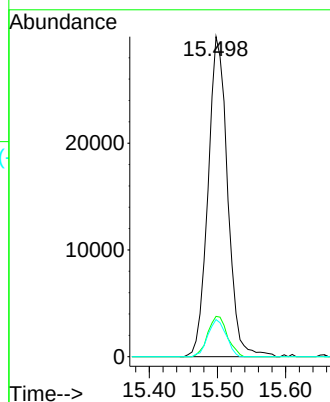
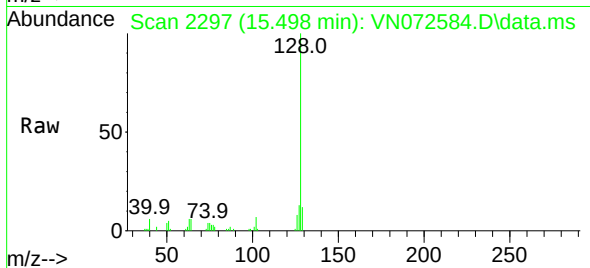
Tgt Ion:128 Resp: 59958

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 12.659 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Tgt Ion:180 Resp: 19585

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 30.6 15.5 46.5

