

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072583.D
 Acq On : 24 May 2022 13:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 24 14:55:32 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	8.075	168	120529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	183983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	176020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	68626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	8039	4.480	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	8.960%#
35) Dibromofluoromethane	8.010	113	6775	5.509	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	11.020%#
50) Toluene-d8	10.433	98	24908	5.333	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	12.727	95	8179	4.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	6384	4.670	ug/l	94
3) Chloromethane	2.293	50	7873	6.051	ug/l	99
4) Vinyl Chloride	2.434	62	5748	5.402	ug/l	99
5) Bromomethane	2.810	94	4227	4.551	ug/l	87
6) Chloroethane	2.969	64	4488	3.908	ug/l	95
7) Trichlorofluoromethane	3.351	101	10812	4.600	ug/l	90
8) Diethyl Ether	3.822	74	4051	5.576	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.187	101	6263	5.443	ug/l	97
10) Methyl Iodide	4.410	142	5708	3.900	ug/l #	95
11) Tert butyl alcohol	5.375	59	5543	29.396	ug/l #	72
12) 1,1-Dichloroethene	4.175	96	5905	5.800	ug/l	85
13) Acrolein	4.034	56	5854	25.719	ug/l	95
14) Allyl chloride	4.834	41	10069	5.835	ug/l	90
15) Acrylonitrile	5.545	53	20961	30.155	ug/l	96
16) Acetone	4.275	43	16723	28.204	ug/l	96
17) Carbon Disulfide	4.516	76	14565	5.566	ug/l #	91
18) Methyl Acetate	4.839	43	10996	6.120	ug/l	98
19) Methyl tert-butyl Ether	5.604	73	19203	4.727	ug/l	96
20) Methylene Chloride	5.075	84	7730	5.603	ug/l	88
21) trans-1,2-Dichloroethene	5.587	96	6314	5.630	ug/l	90
22) Diisopropyl ether	6.481	45	22197	5.825	ug/l	92
23) Vinyl Acetate	6.422	43	88495	26.958	ug/l	94
24) 1,1-Dichloroethane	6.381	63	11978	5.258	ug/l	98
25) 2-Butanone	7.322	43	28005	29.714	ug/l #	87
26) 2,2-Dichloropropane	7.316	77	8807	4.276	ug/l	95
27) cis-1,2-Dichloroethene	7.316	96	7416	5.299	ug/l	97
28) Bromochloromethane	7.645	49	5099	5.528	ug/l #	100
29) Tetrahydrofuran	7.680	42	17251	30.262	ug/l	93
30) Chloroform	7.810	83	12733	4.941	ug/l	94
31) Cyclohexane	8.080	56	12674	5.945	ug/l #	83
32) 1,1,1-Trichloroethane	8.004	97	10251	4.386	ug/l	99
36) 1,1-Dichloropropene	8.216	75	8910	5.222	ug/l	98
37) Ethyl Acetate	7.410	43	11835	6.080	ug/l #	93
38) Carbon Tetrachloride	8.198	117	9219	4.432	ug/l	93
39) Methylcyclohexane	9.451	83	10817	5.319	ug/l	87
40) Benzene	8.451	78	28557	5.632	ug/l	99

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: May 24 14:55:32 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)
41) Methacrylonitrile	7.633	41	5204	5.508	ug/l	91
42) 1,2-Dichloroethane	8.527	62	9596	4.246	ug/l	98
43) Isopropyl Acetate	8.551	43	14995	4.896	ug/l	98
44) Trichloroethene	9.210	130	7274	5.266	ug/l	87
45) 1,2-Dichloropropane	9.480	63	7392	5.838	ug/l	90
46) Dibromomethane	9.574	93	5098	5.436	ug/l	97
47) Bromodichloromethane	9.757	83	9190	4.778	ug/l	89
48) Methyl methacrylate	9.551	41	7638	5.225	ug/l	94
49) 1,4-Dioxane	9.563	88	2913	183.473	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	51980	25.811	ug/l	96
52) Toluene	10.498	92	17672	5.441	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	9008	4.393	ug/l	90
54) cis-1,3-Dichloropropene	10.180	75	10381	5.037	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	7343	5.205	ug/l	95
56) Ethyl methacrylate	10.757	69	10624	5.045	ug/l	94
57) 1,3-Dichloropropane	11.039	76	12692	5.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	21741	37.265	ug/l	98
59) 2-Hexanone	11.080	43	36770	26.205	ug/l	94
60) Dibromochloromethane	11.233	129	7687	4.816	ug/l	100
61) 1,2-Dibromoethane	11.339	107	7605	5.207	ug/l	98
64) Tetrachloroethene	10.969	164	6522	5.189	ug/l	90
65) Chlorobenzene	11.763	112	20200	5.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	7239	4.915	ug/l	99
67) Ethyl Benzene	11.839	91	33158	5.210	ug/l	97
68) m/p-Xylenes	11.951	106	25992	10.656	ug/l	98
69) o-Xylene	12.274	106	12107	4.884	ug/l	93
70) Styrene	12.292	104	19988	5.236	ug/l	98
71) Bromoform	12.451	173	6301	5.490	ug/l #	99
73) Isopropylbenzene	12.574	105	30841	5.364	ug/l	99
74) N-amyl acetate	12.380	43	10418	5.266	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	11352	6.287	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	12275	6.089	ug/l #	1
77) Bromobenzene	12.857	156	8230	5.534	ug/l	97
78) n-propylbenzene	12.915	91	33959	5.390	ug/l	97
79) 2-Chlorotoluene	13.004	91	21866	5.271	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	24092	4.935	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.615	75	3192	6.039	ug/l	97
82) 4-Chlorotoluene	13.098	91	20142	5.196	ug/l	98
83) tert-Butylbenzene	13.315	119	21724	5.097	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	23502	4.940	ug/l	100
85) sec-Butylbenzene	13.498	105	30181	5.426	ug/l	99
86) p-Isopropyltoluene	13.610	119	23019	5.065	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	13246	5.446	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	13368	5.669	ug/l	94
89) n-Butylbenzene	13.939	91	18137	5.263	ug/l	99
90) Hexachloroethane	14.204	117	5022	6.183	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	12559	5.200	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1694	4.697	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	6256	5.803	ug/l	100
94) Hexachlorobutadiene	15.368	225	4084	6.097	ug/l	93
95) Naphthalene	15.504	128	18611	5.792	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	6830	6.114	ug/l	97

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

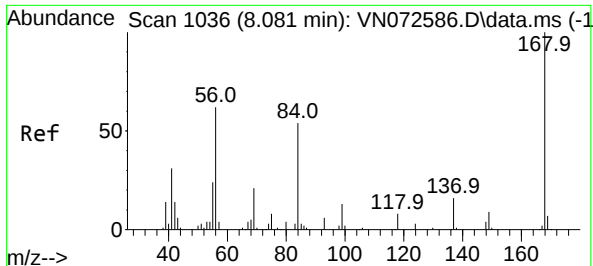
Quant Time: May 24 14:55:32 2022
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Quant Title : SW846 8260
QLast Update : Tue May 24 14:54:19 2022
Response via : Initial Calibration

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

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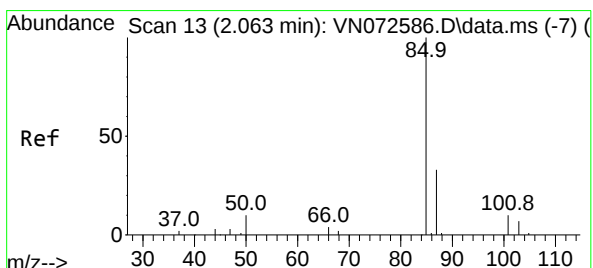
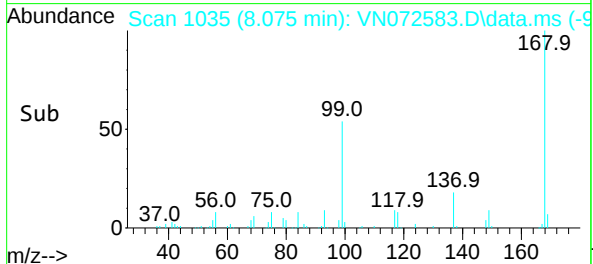
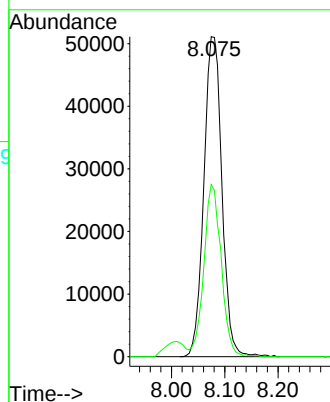
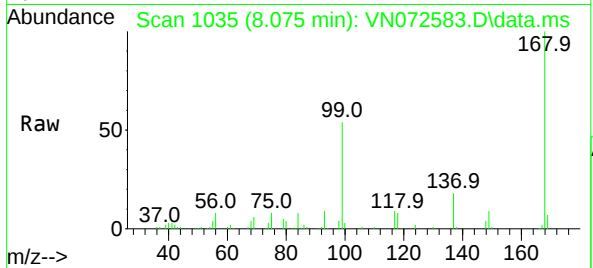




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

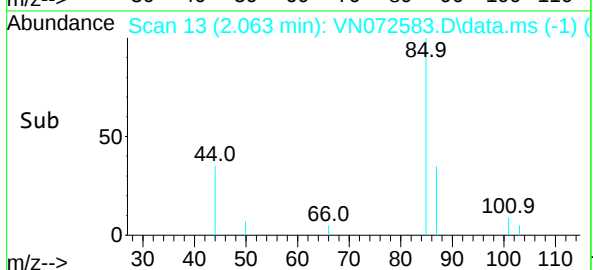
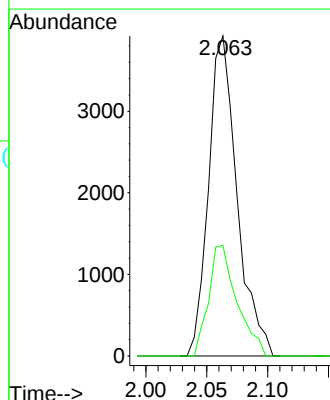
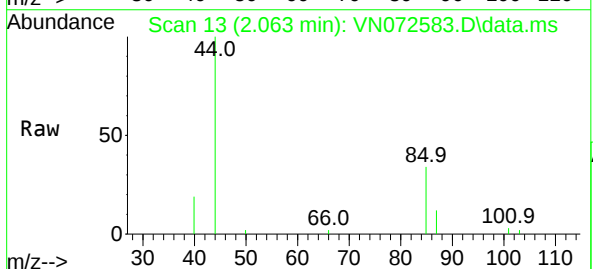
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

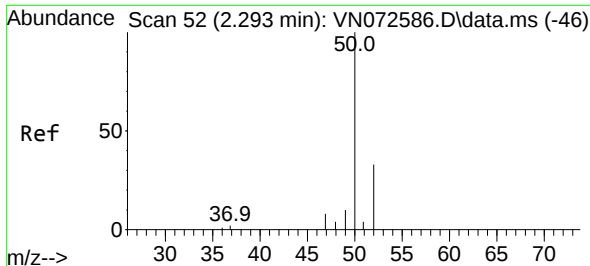
Tgt Ion:168 Resp: 120529
Ion Ratio Lower Upper
168 100
99 53.8 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 4.670 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 85 Resp: 6384
Ion Ratio Lower Upper
85 100
87 34.5 15.7 47.1

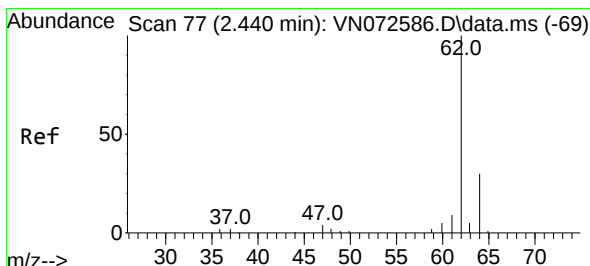
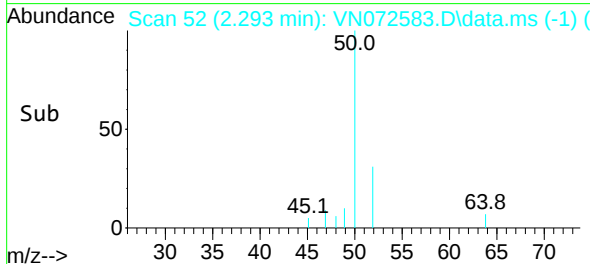
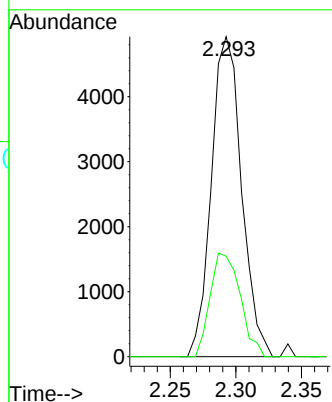
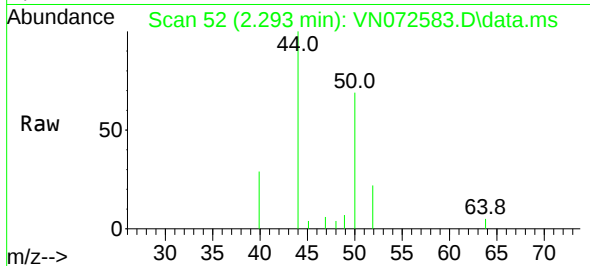




#3
Chloromethane
Concen: 6.051 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

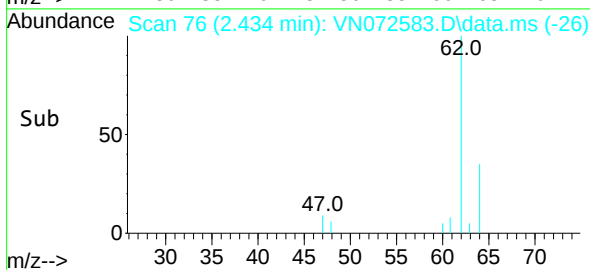
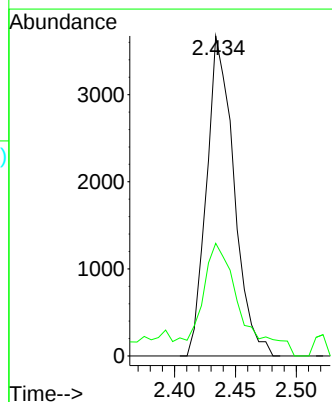
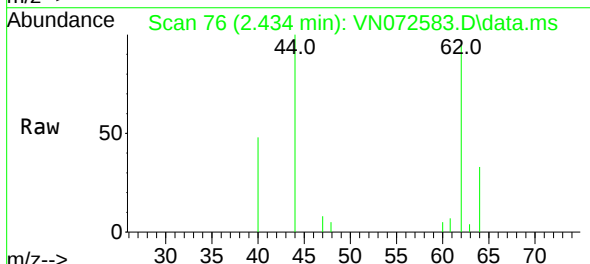
Instrument :
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ClientSampleId :
VSTDIC005

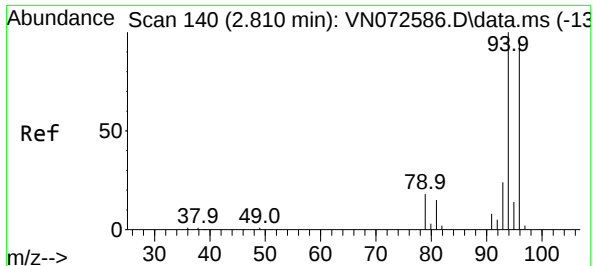
Tgt Ion: 50 Resp: 7873
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5



#4
Vinyl Chloride
Concen: 5.402 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 62 Resp: 5748
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4

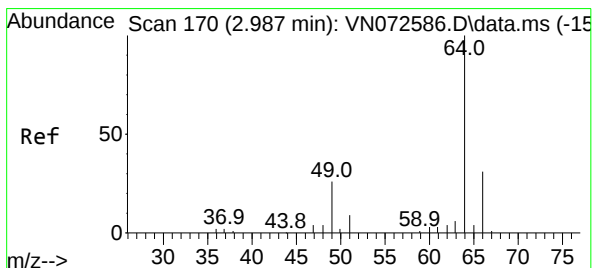
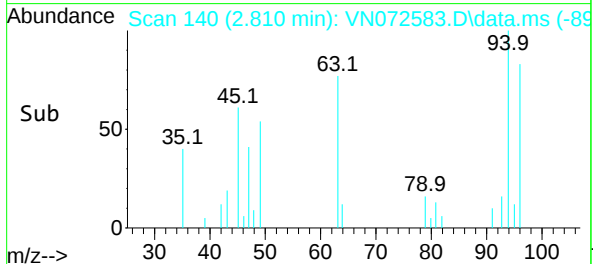
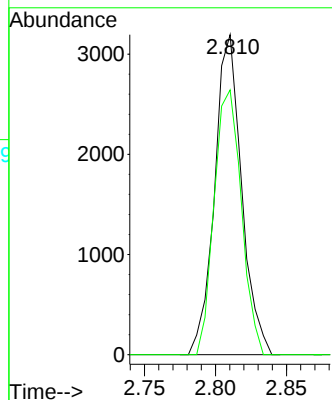
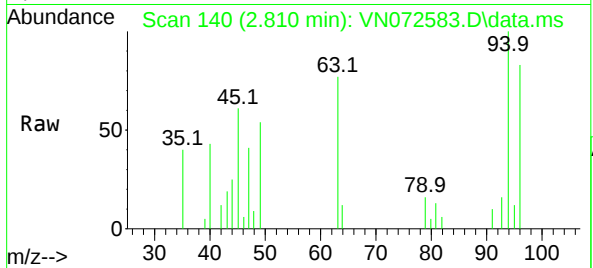




#5
Bromomethane
Concen: 4.551 ug/l
RT: 2.810 min Scan# 140
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

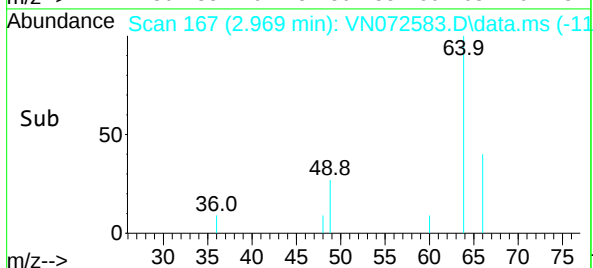
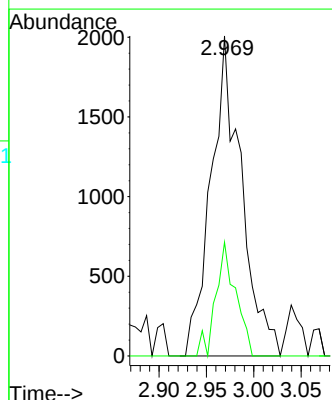
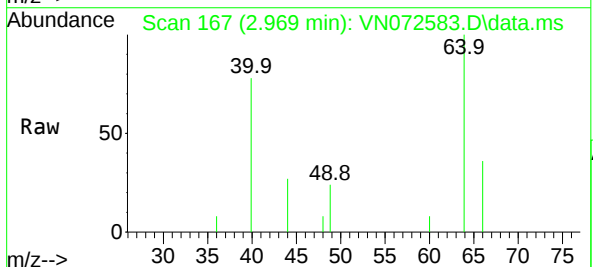
Instrument :
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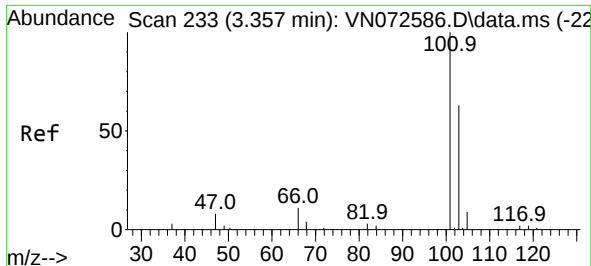
Tgt Ion: 94 Resp: 4227
Ion Ratio Lower Upper
94 100
96 82.8 76.0 114.0



#6
Chloroethane
Concen: 3.908 ug/l
RT: 2.969 min Scan# 167
Delta R.T. -0.018 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 64 Resp: 4488
Ion Ratio Lower Upper
64 100
66 35.6 26.2 39.4

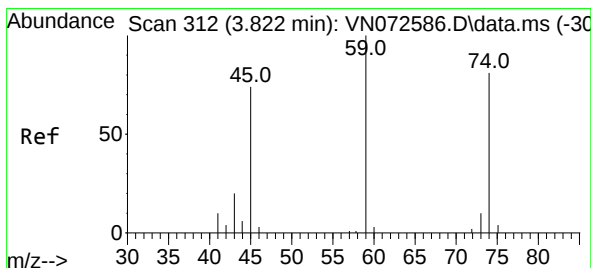
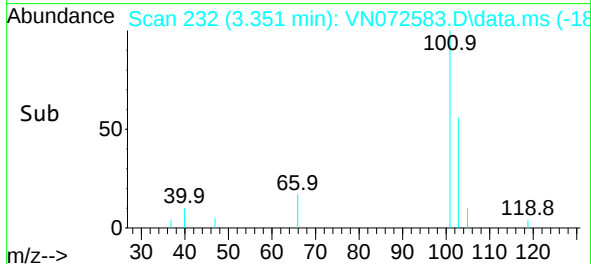
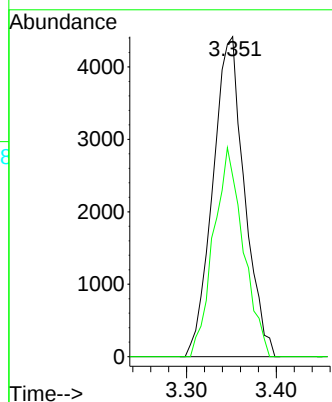
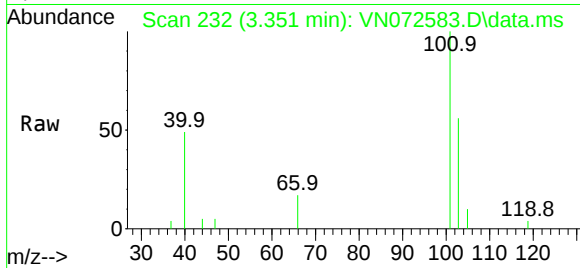




#7
 Trichlorofluoromethane
 Concen: 4.600 ug/l
 RT: 3.351 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

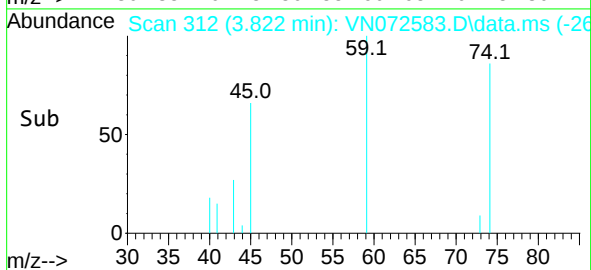
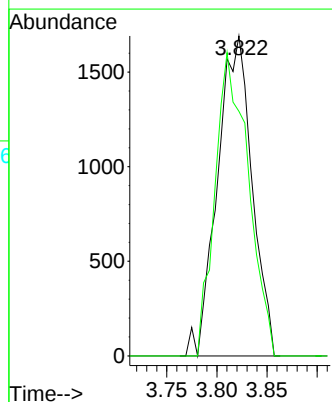
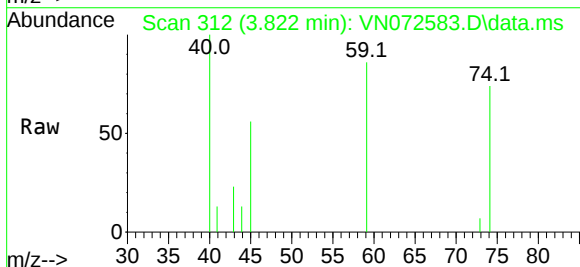
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

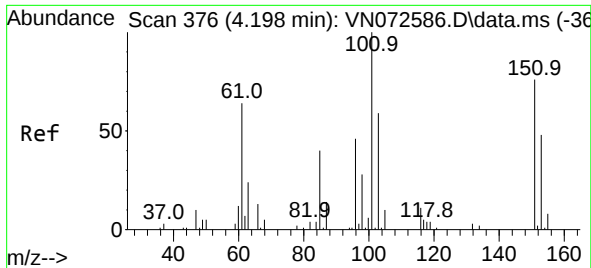
Tgt Ion:101 Resp: 10812
 Ion Ratio Lower Upper
 101 100
 103 56.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 5.576 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

Tgt Ion: 74 Resp: 4051
 Ion Ratio Lower Upper
 74 100
 45 91.3 42.9 128.5

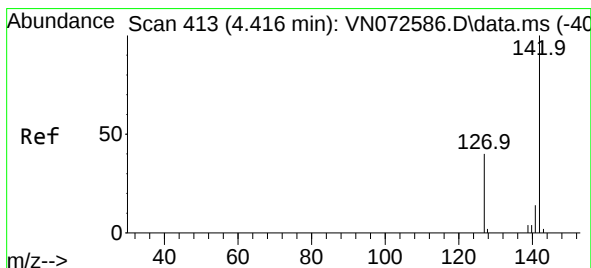
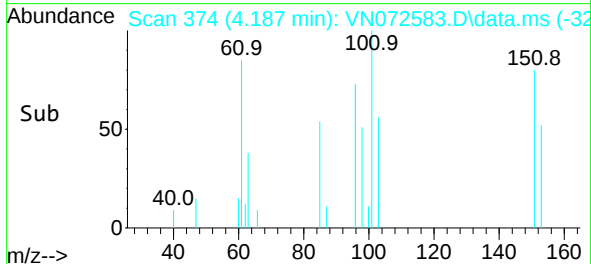
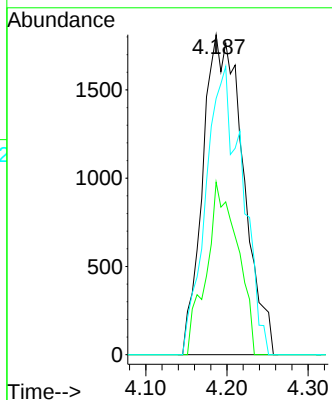
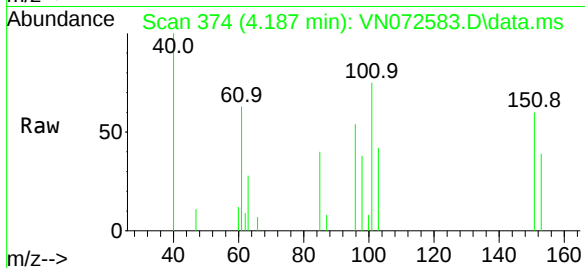




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.443 ug/l
RT: 4.187 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

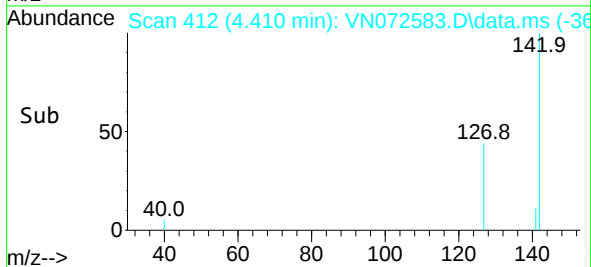
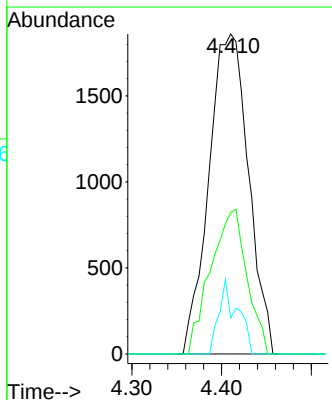
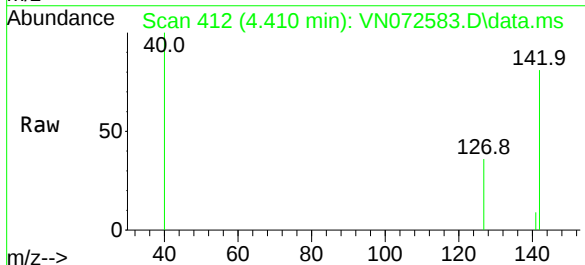
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

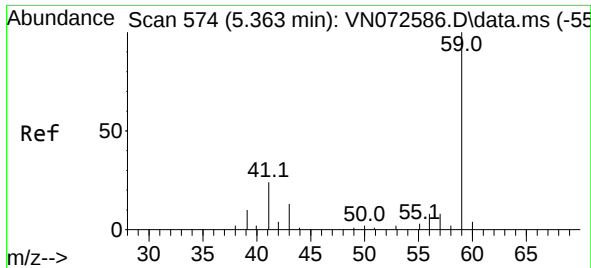
Tgt Ion:101 Resp: 6263
Ion Ratio Lower Upper
101 100
85 41.7 34.7 52.1
151 81.7 63.0 94.4



#10
Methyl Iodide
Concen: 3.900 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:142 Resp: 5708
Ion Ratio Lower Upper
142 100
127 41.3 31.3 46.9
141 10.8 11.2 16.8#

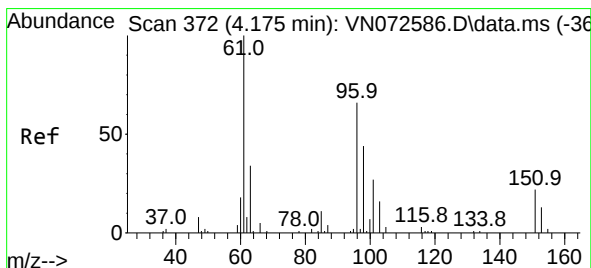
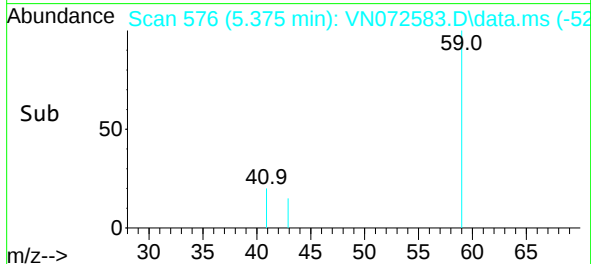
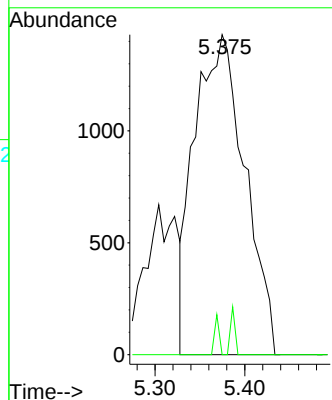
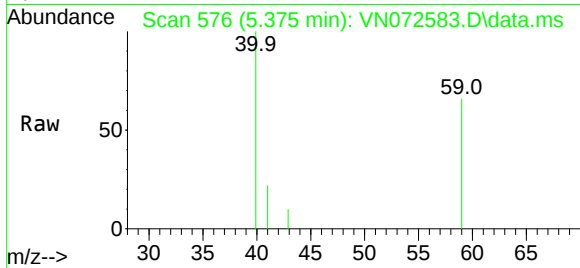




#11
Tert butyl alcohol
Concen: 29.396 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

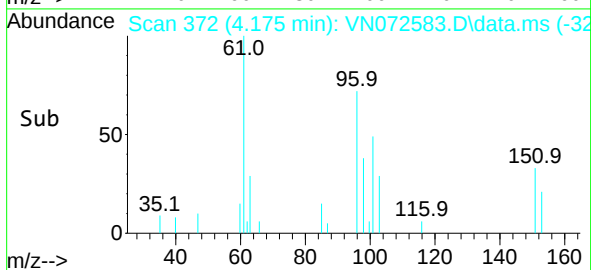
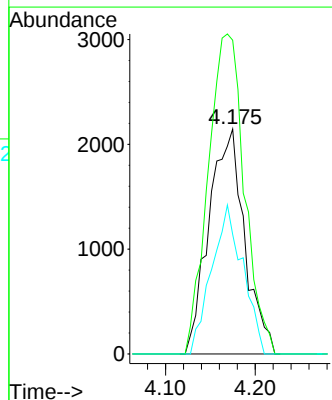
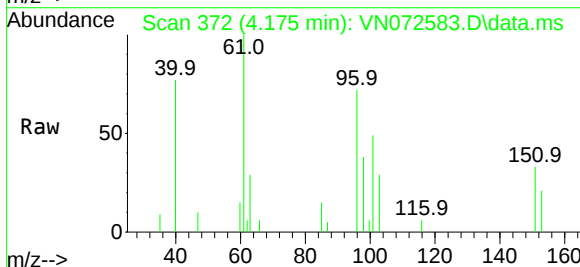
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

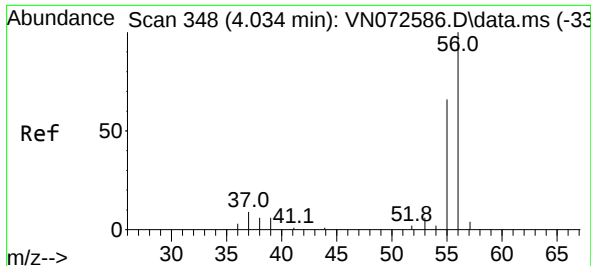
Tgt Ion: 59 Resp: 5543
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 5.800 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 96 Resp: 5905
Ion Ratio Lower Upper
96 100
61 139.5 127.6 191.4
98 53.1 51.2 76.8





#13

Acrolein

Concen: 25.719 ug/l

RT: 4.034 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

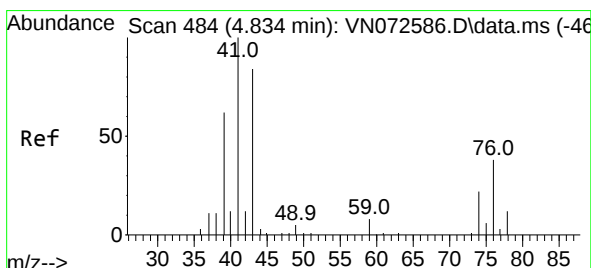
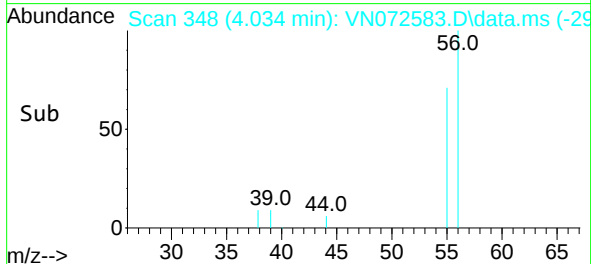
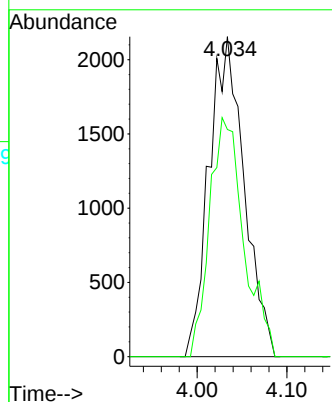
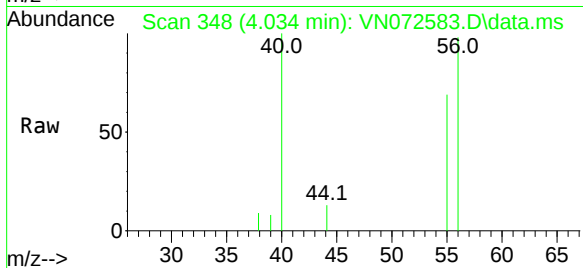
VSTDIC005

Tgt Ion: 56 Resp: 5854

Ion Ratio Lower Upper

56 100

55 72.6 54.8 82.2



#14

Allyl chloride

Concen: 5.835 ug/l

RT: 4.834 min Scan# 484

Delta R.T. -0.000 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

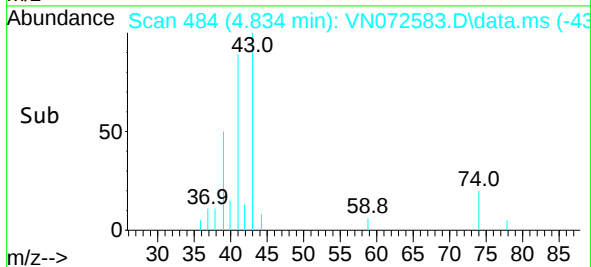
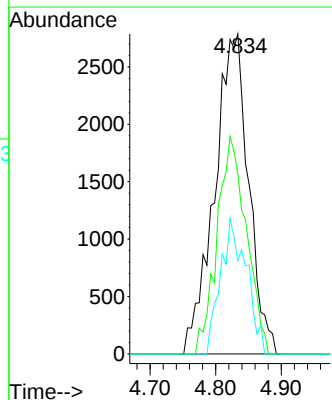
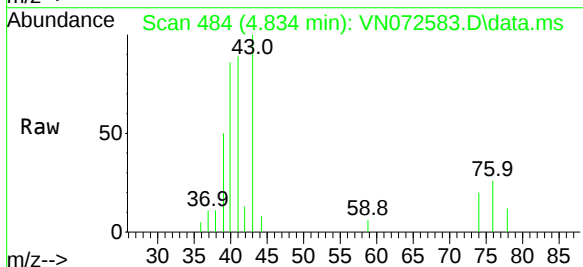
Tgt Ion: 41 Resp: 10069

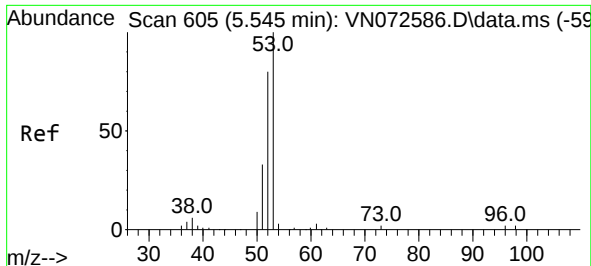
Ion Ratio Lower Upper

41 100

39 58.4 53.2 79.8

76 32.1 29.9 44.9

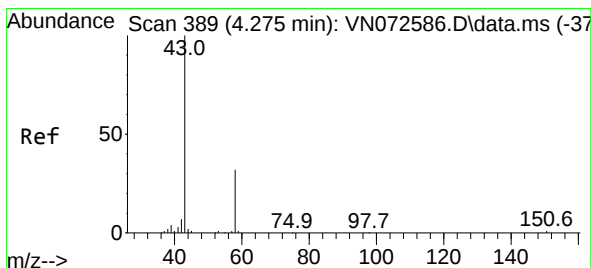
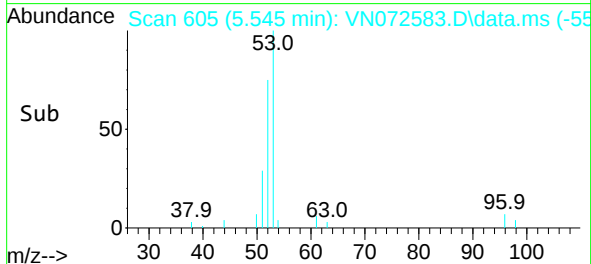
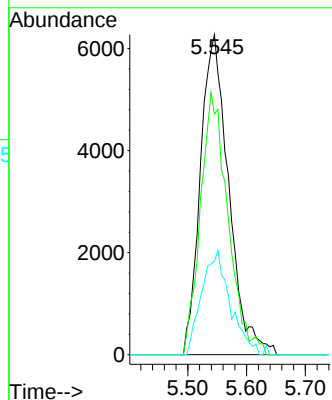
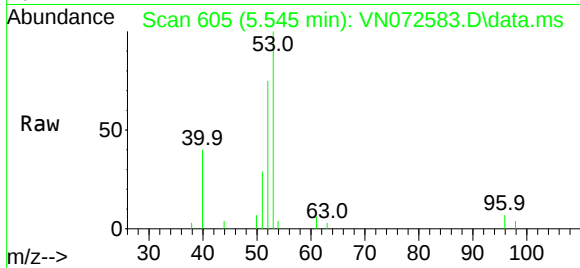




#15
Acrylonitrile
Concen: 30.155 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

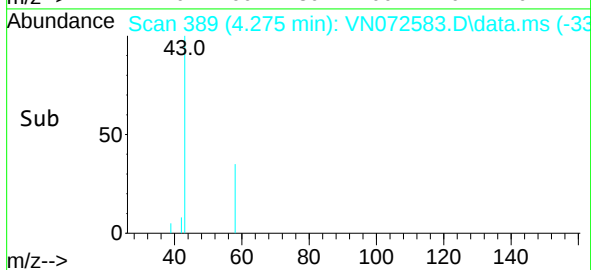
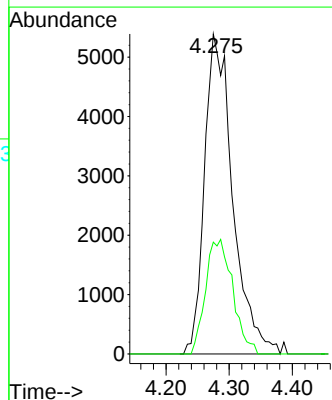
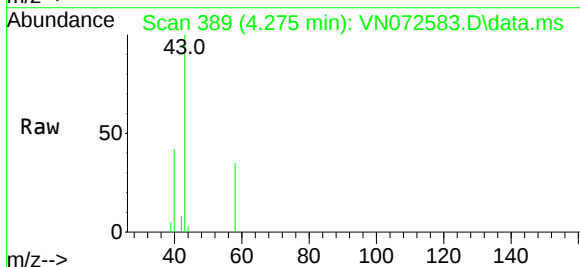
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

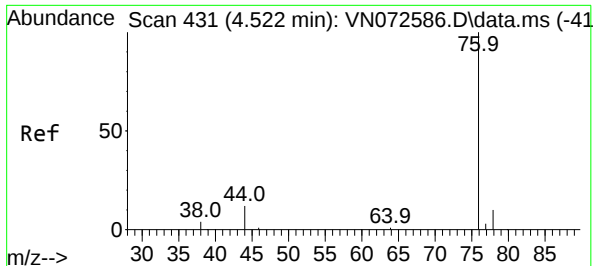
Tgt Ion:	53	Resp:	20961
Ion	Ratio	Lower	Upper
53	100		
52	79.8	66.4	99.6
51	32.6	28.5	42.7



#16
Acetone
Concen: 28.204 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:	43	Resp:	16723
Ion	Ratio	Lower	Upper
43	100		
58	34.9	26.0	39.0

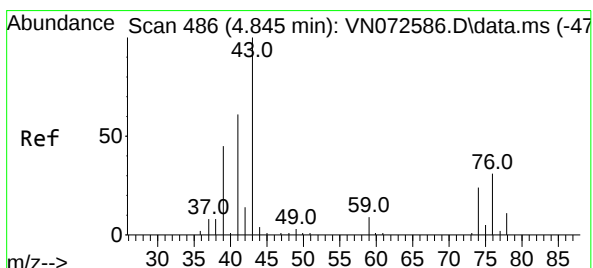
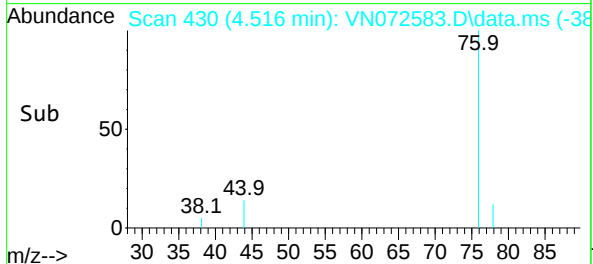
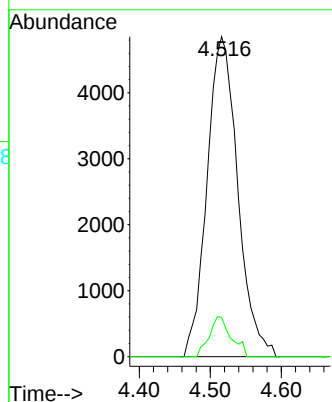
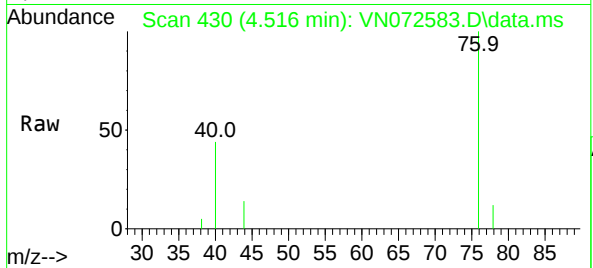




#17
Carbon Disulfide
Concen: 5.566 ug/l
RT: 4.516 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

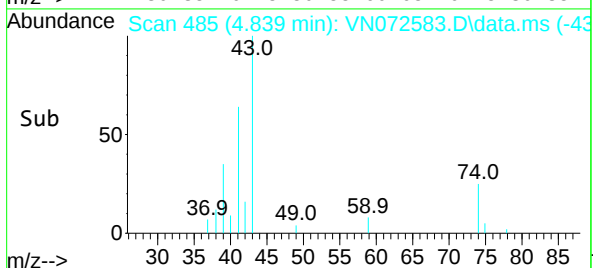
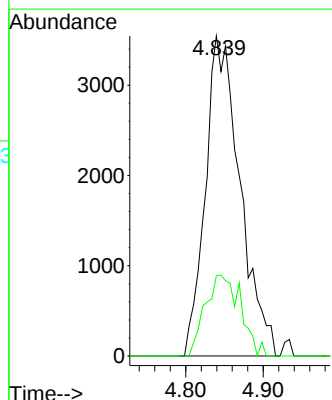
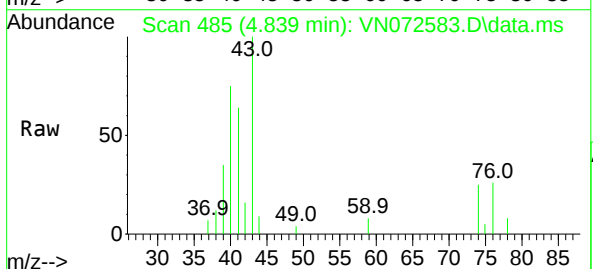
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

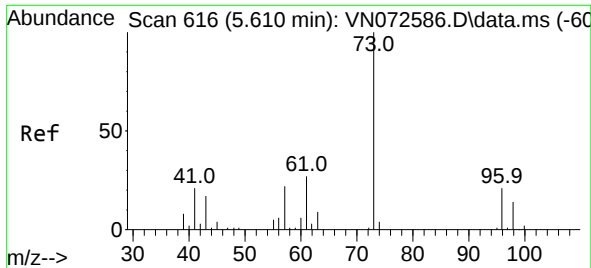
Tgt Ion: 76 Resp: 14565
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#



#18
Methyl Acetate
Concen: 6.120 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 43 Resp: 10996
Ion Ratio Lower Upper
43 100
74 25.8 21.6 32.4

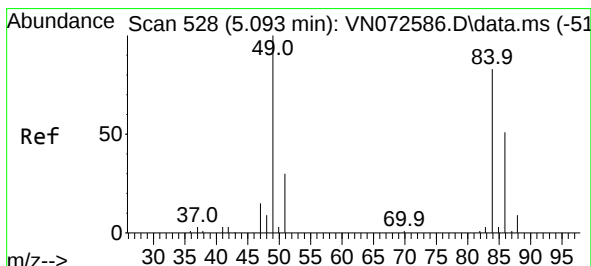
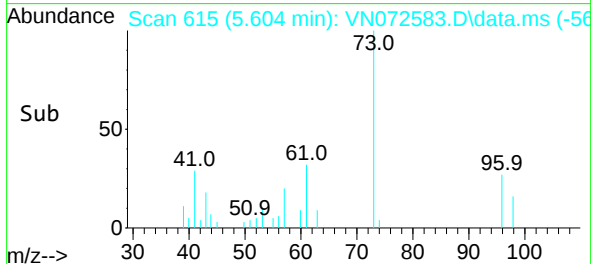
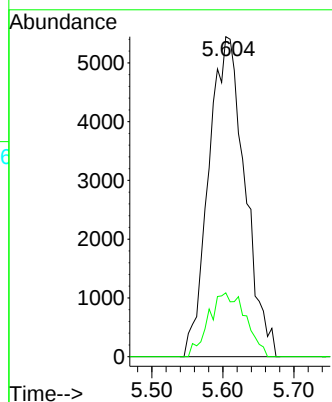
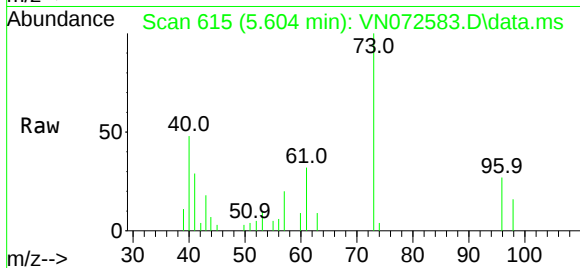




#19
Methyl tert-butyl Ether
Concen: 4.727 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

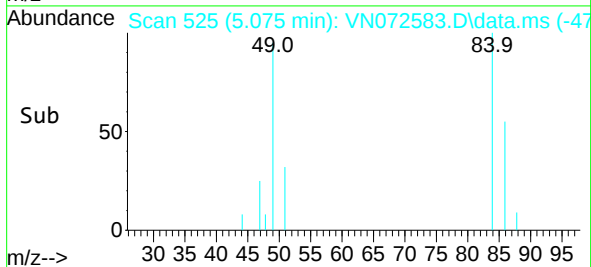
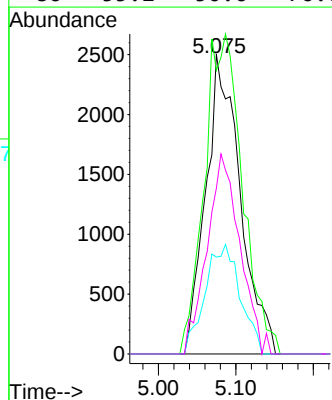
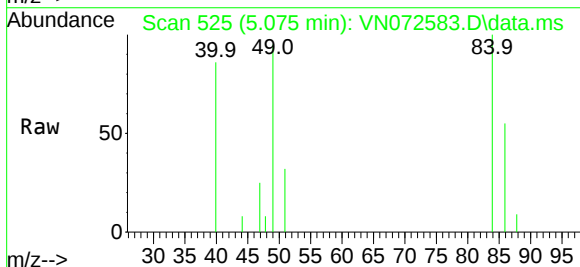
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

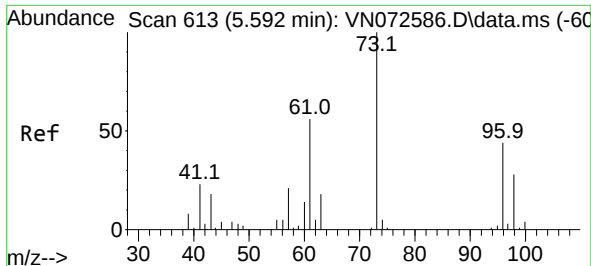
Tgt Ion: 73 Resp: 19203
Ion Ratio Lower Upper
73 100
57 19.9 17.6 26.4



#20
Methylene Chloride
Concen: 5.603 ug/l
RT: 5.075 min Scan# 525
Delta R.T. -0.018 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 84 Resp: 7730
Ion Ratio Lower Upper
84 100
49 94.6 88.3 132.5
51 32.3 28.2 42.2
86 55.2 50.6 76.0

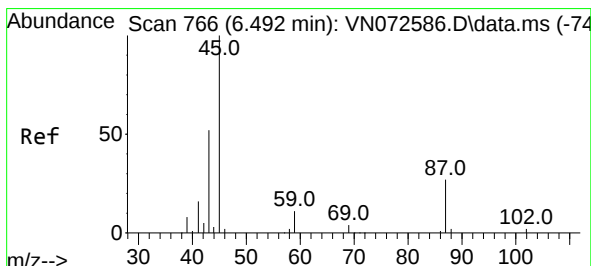
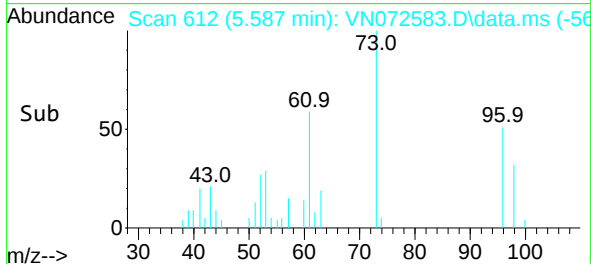
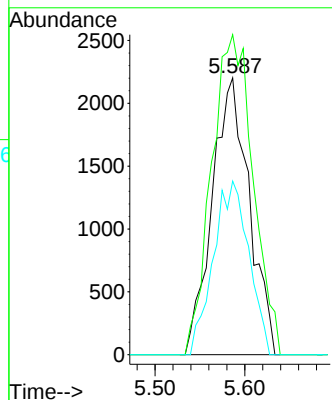
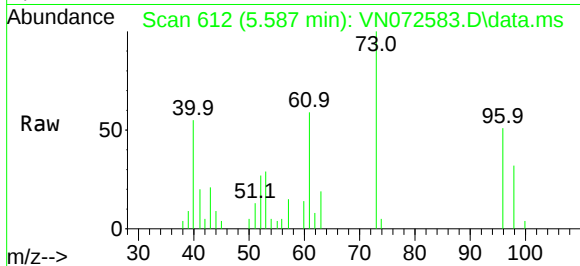




#21
trans-1,2-Dichloroethene
Concen: 5.630 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

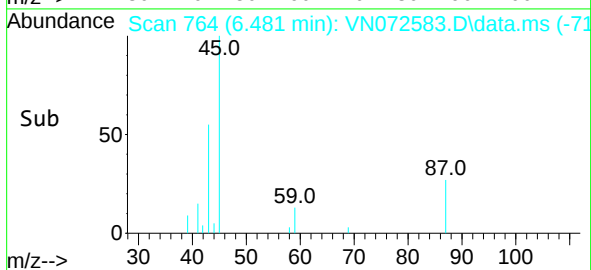
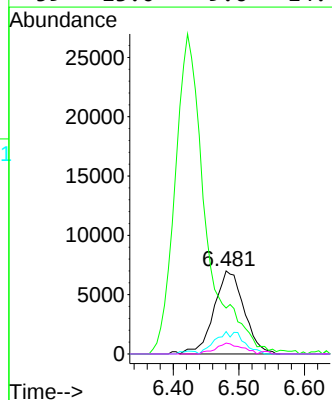
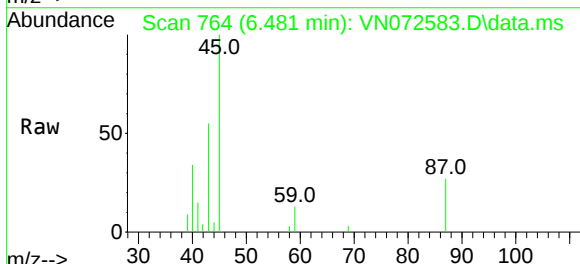
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

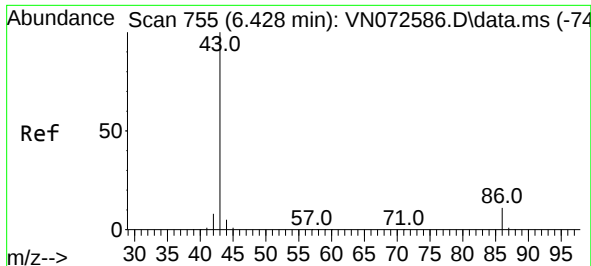
Tgt Ion: 96 Resp: 6314
Ion Ratio Lower Upper
96 100
61 115.6 105.8 158.8
98 62.7 50.3 75.5



#22
Diisopropyl ether
Concen: 5.825 ug/l
RT: 6.481 min Scan# 764
Delta R.T. -0.012 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 45 Resp: 22197
Ion Ratio Lower Upper
45 100
43 50.7 46.6 70.0
87 26.9 24.3 36.5
59 13.0 9.6 14.4

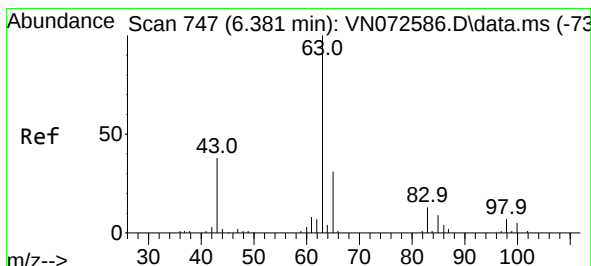
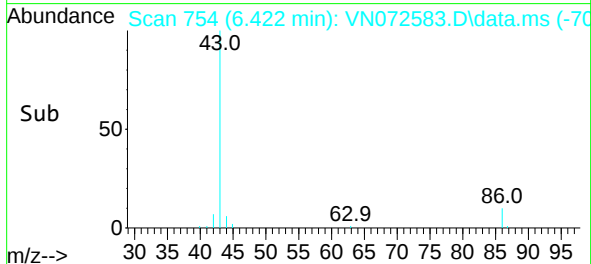
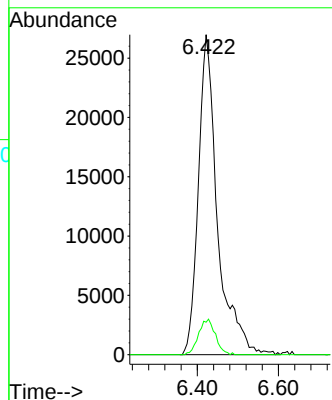
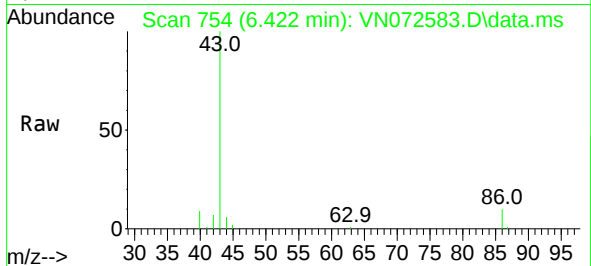




#23
 Vinyl Acetate
 Concen: 26.958 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

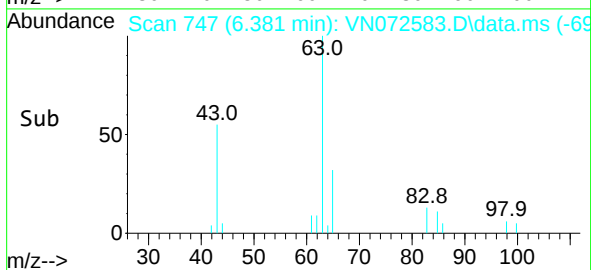
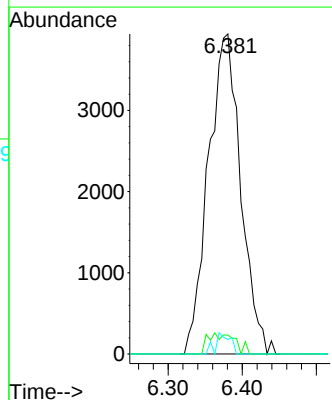
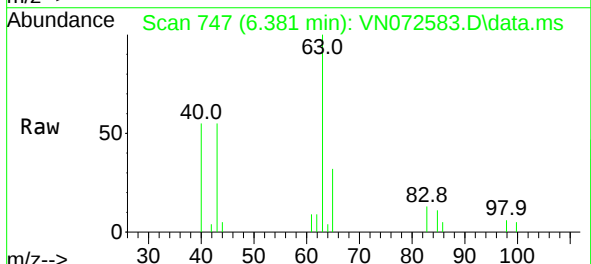
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

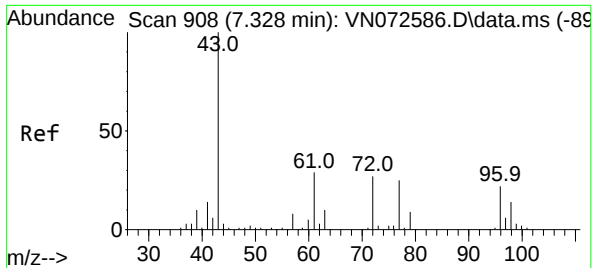
Tgt Ion: 43 Resp: 88495
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 5.258 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

Tgt Ion: 63 Resp: 11978
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.4
 100 4.6 2.3 6.8

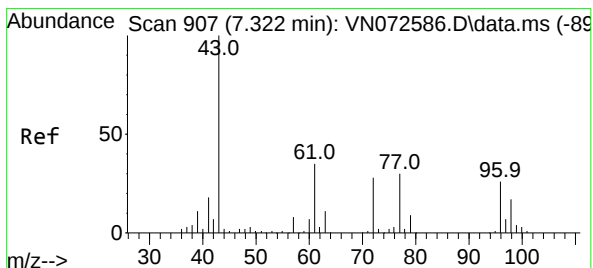
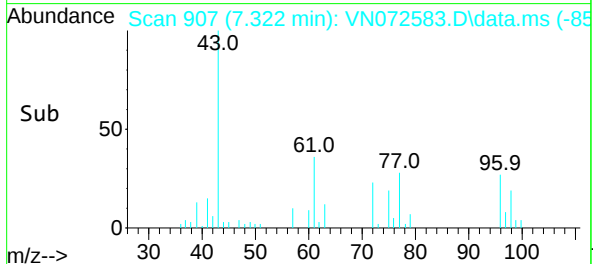
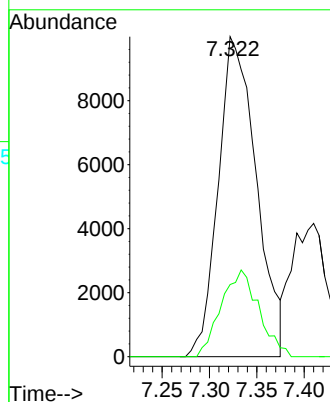
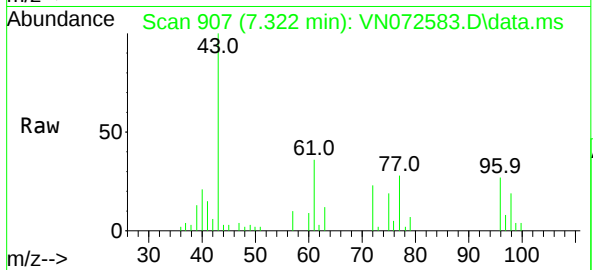




#25
2-Butanone
Concen: 29.714 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

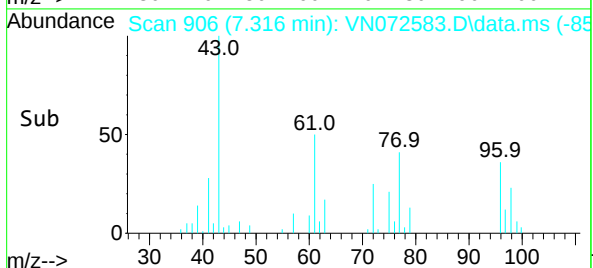
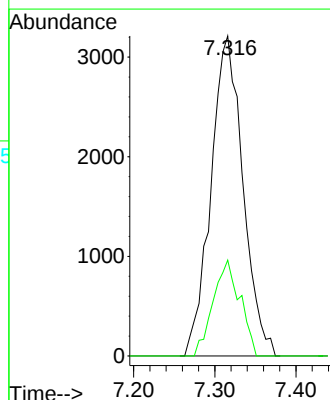
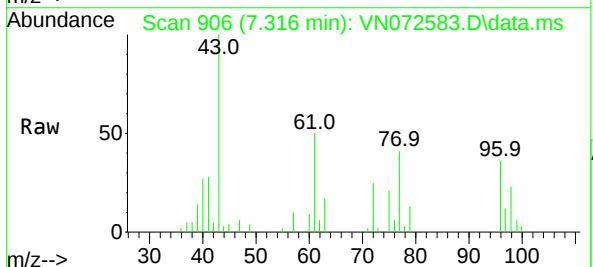
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

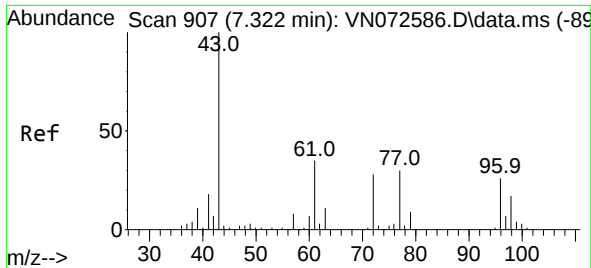
Tgt Ion: 43 Resp: 28005
Ion Ratio Lower Upper
43 100
72 22.6 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 4.276 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 77 Resp: 8807
Ion Ratio Lower Upper
77 100
97 25.1 11.4 34.2

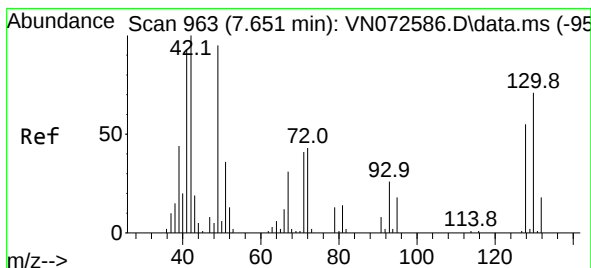
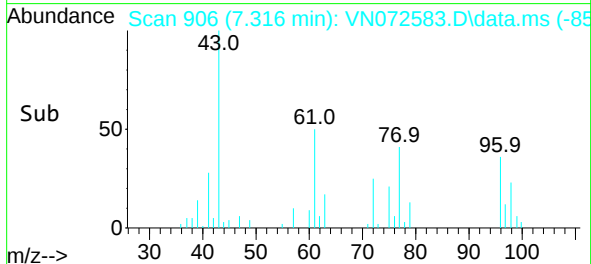
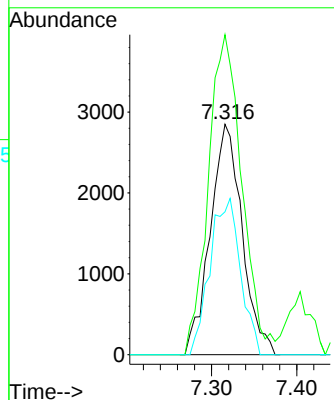
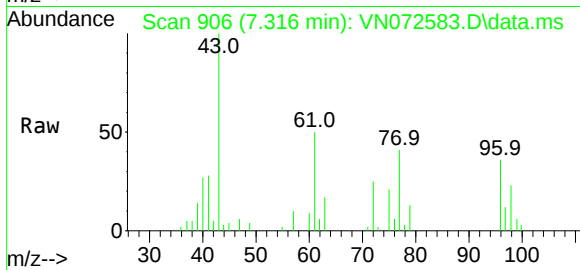




#27
 cis-1,2-Dichloroethene
 Concen: 5.299 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

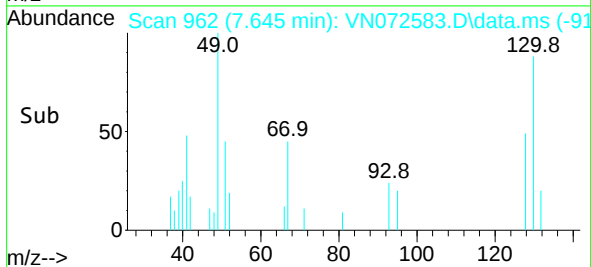
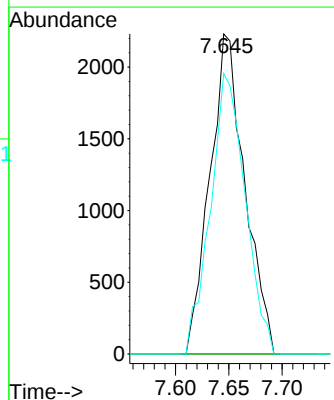
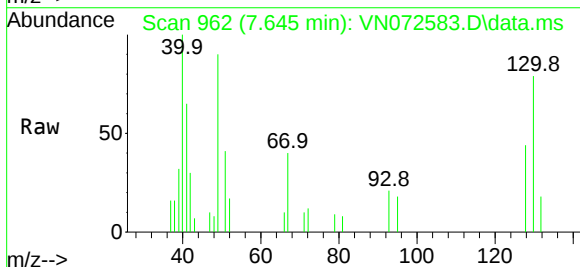
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

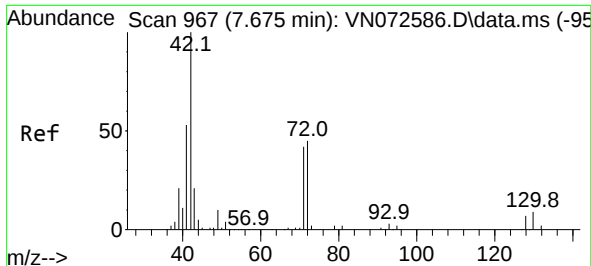
Tgt Ion: 96 Resp: 7416
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 280.6
 98 64.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 5.528 ug/l
 RT: 7.645 min Scan# 962
 Delta R.T. -0.006 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

Tgt Ion: 49 Resp: 5099
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 87.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 30.262 ug/l

RT: 7.680 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

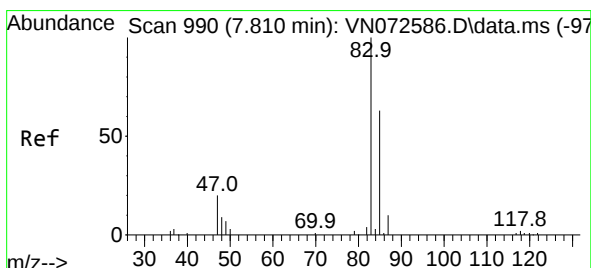
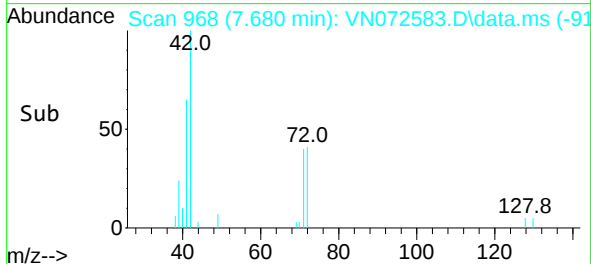
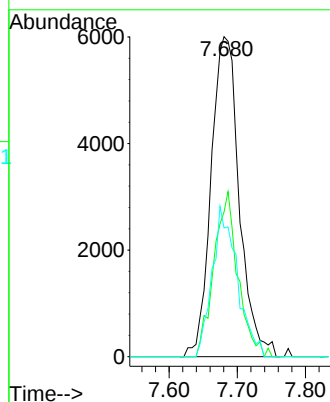
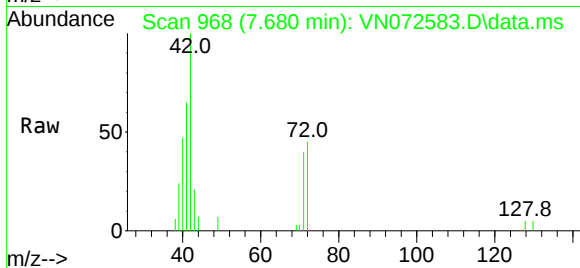
Tgt Ion: 42 Resp: 17251

Ion Ratio Lower Upper

42 100

72 43.9 39.7 59.5

71 41.5 36.6 55.0



#30

Chloroform

Concen: 4.941 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN072583.D

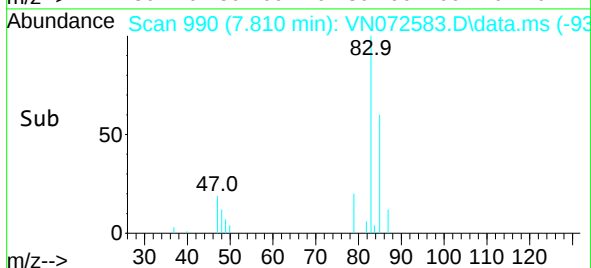
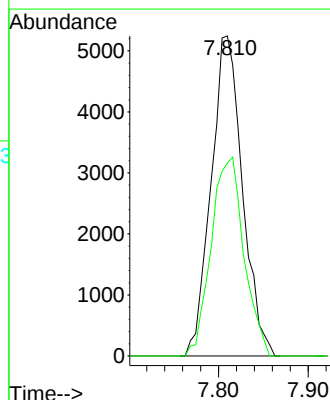
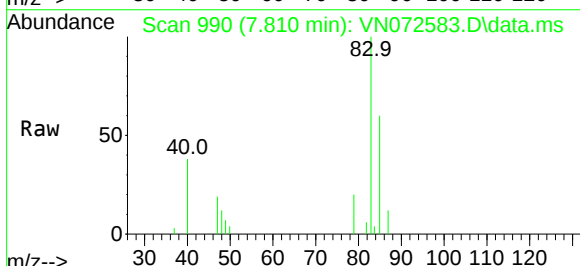
Acq: 24 May 2022 13:03

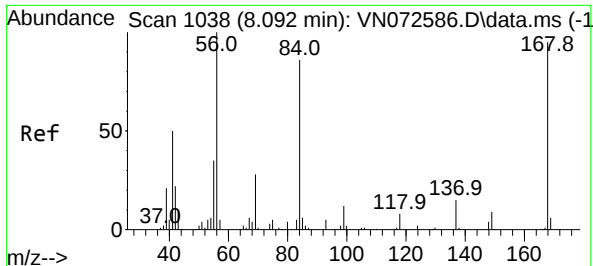
Tgt Ion: 83 Resp: 12733

Ion Ratio Lower Upper

83 100

85 60.3 51.8 77.8





#31

Cyclohexane

Concen: 5.945 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

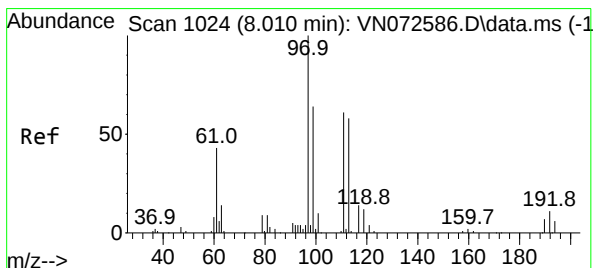
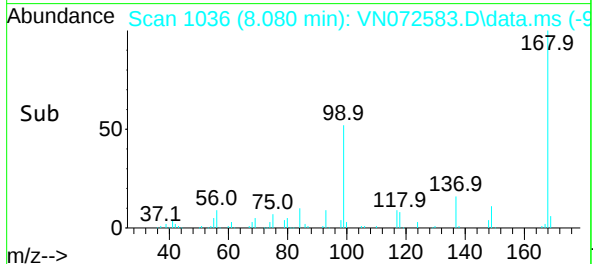
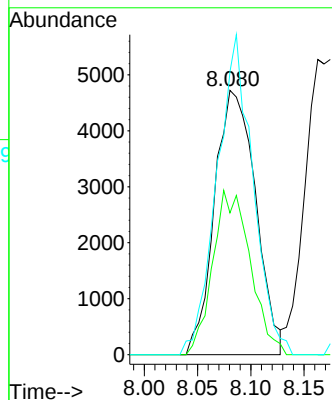
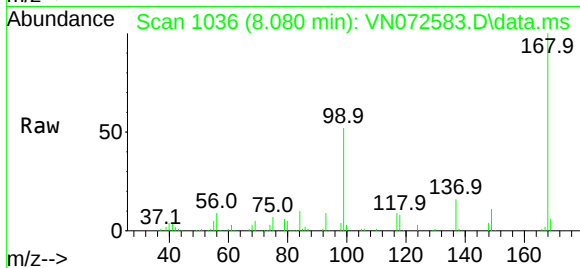
Tgt Ion: 56 Resp: 12674

Ion Ratio Lower Upper

56 100

69 53.6 27.8 41.8#

84 107.0 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 4.386 ug/l

RT: 8.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

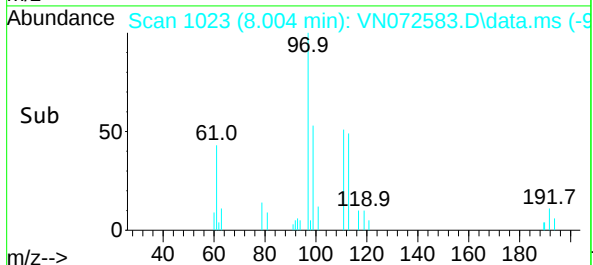
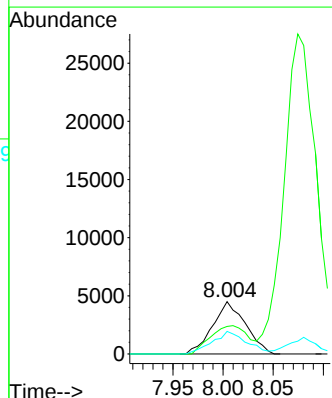
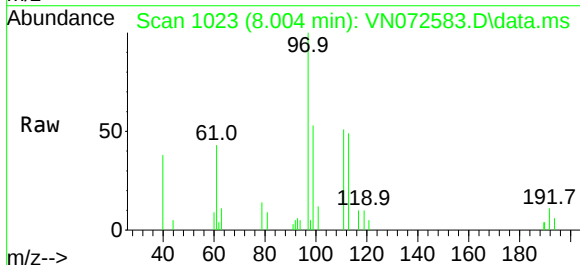
Tgt Ion: 97 Resp: 10251

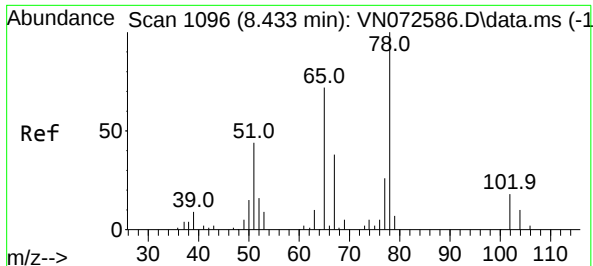
Ion Ratio Lower Upper

97 100

99 62.3 50.6 76.0

61 44.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 4.480 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

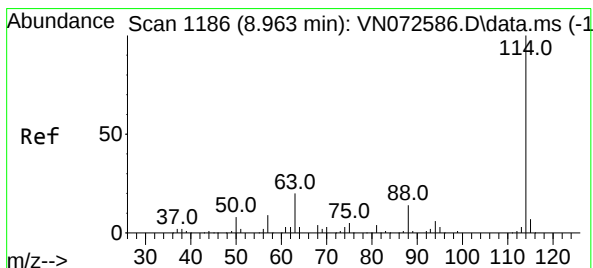
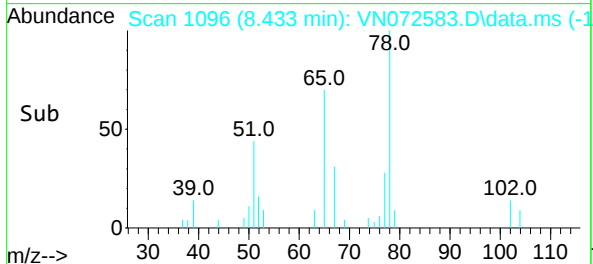
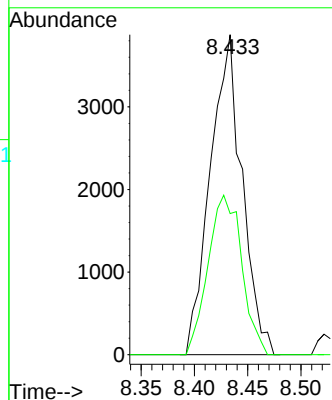
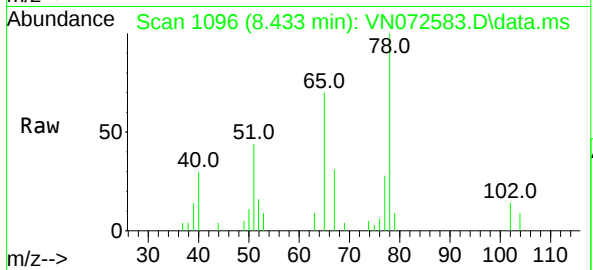
VSTDIC005

Tgt Ion: 65 Resp: 8039

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.957 min Scan# 1185

Delta R.T. -0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

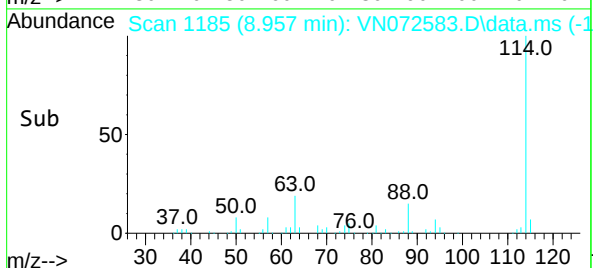
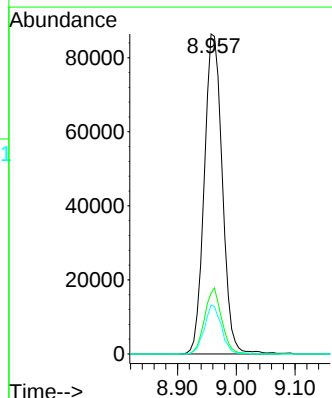
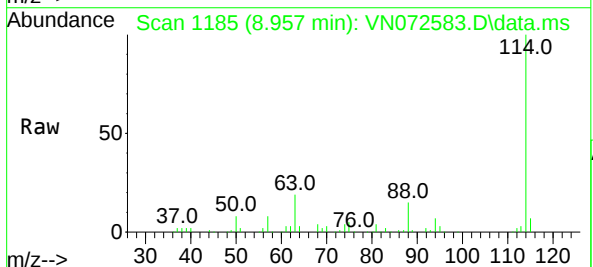
Tgt Ion: 114 Resp: 183983

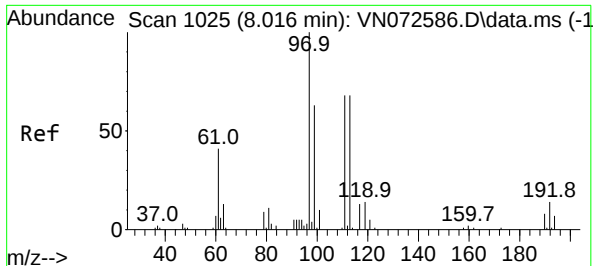
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.509 ug/l

RT: 8.010 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

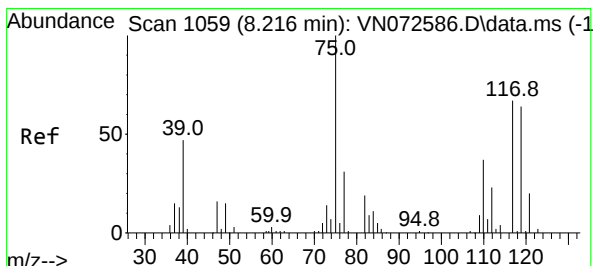
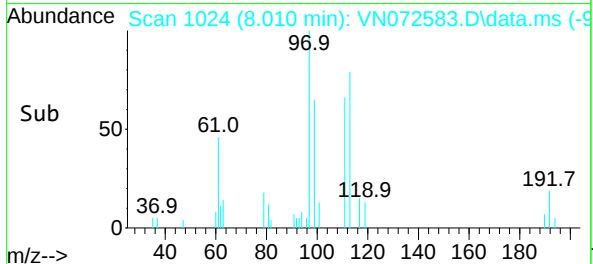
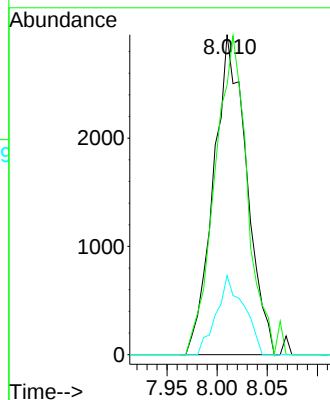
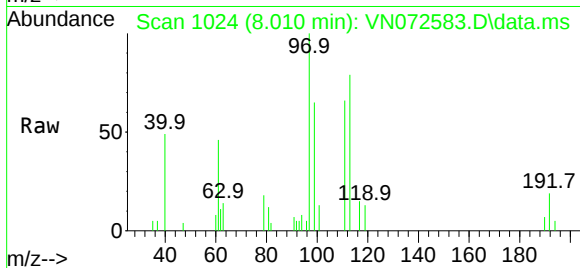
Tgt Ion:113 Resp: 6775

Ion Ratio Lower Upper

113 100

111 99.2 81.4 122.0

192 20.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.222 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

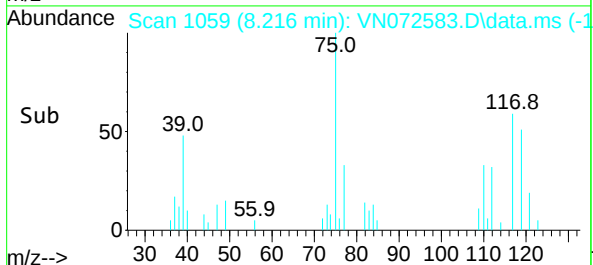
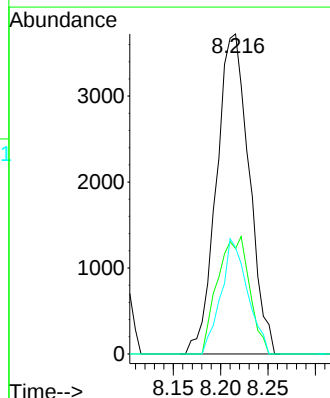
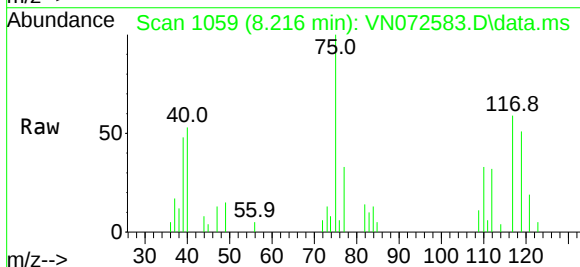
Tgt Ion: 75 Resp: 8910

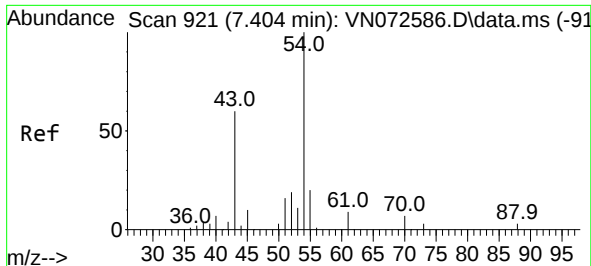
Ion Ratio Lower Upper

75 100

110 35.8 18.3 54.8

77 29.3 25.1 37.7

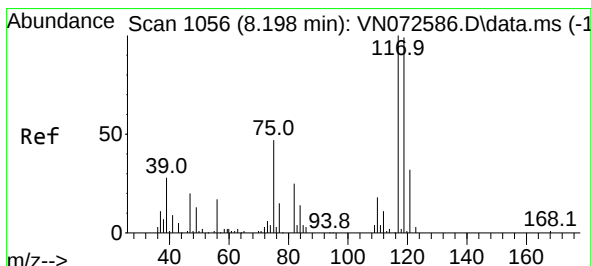
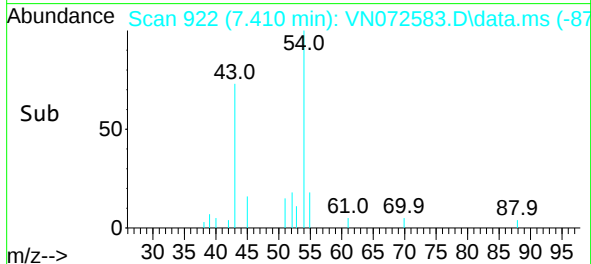
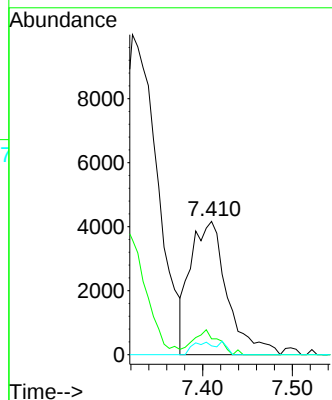
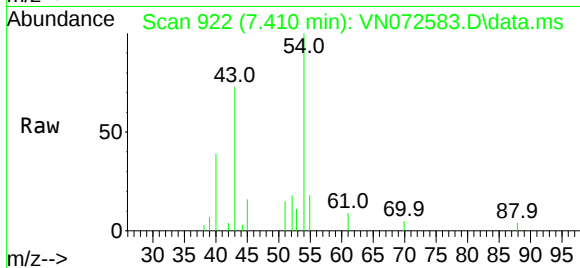




#37
Ethyl Acetate
Concen: 6.080 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

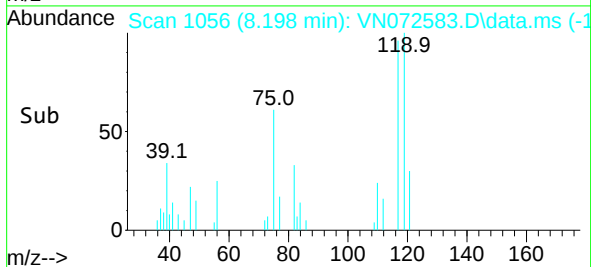
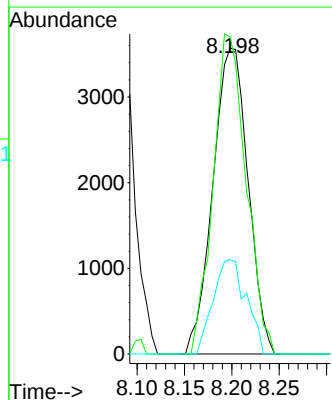
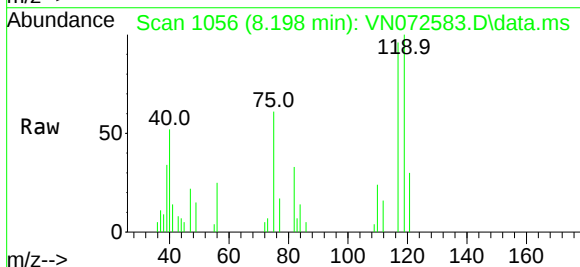
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

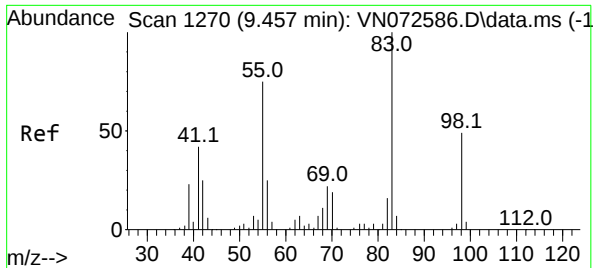
Tgt Ion: 43 Resp: 11835
Ion Ratio Lower Upper
43 100
61 12.7 11.8 17.6
70 7.4 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.432 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 117 Resp: 9219
Ion Ratio Lower Upper
117 100
119 103.7 75.8 113.8
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 5.319 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

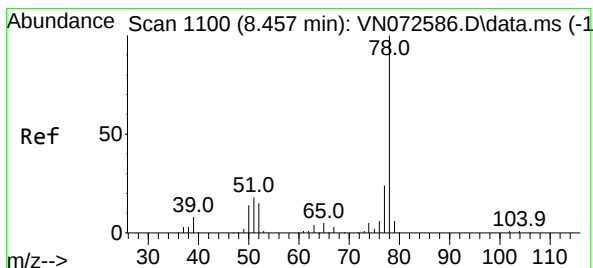
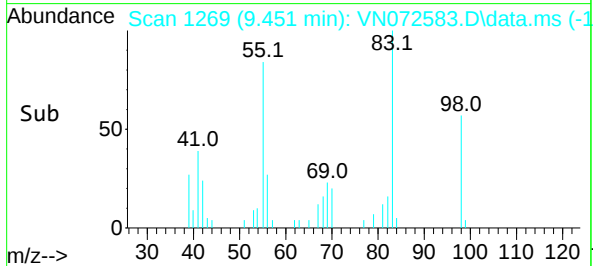
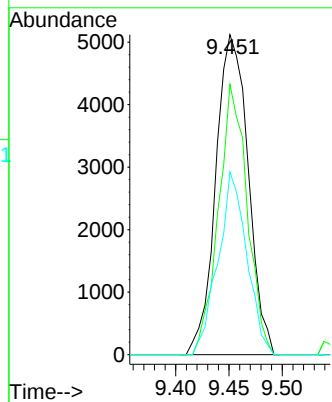
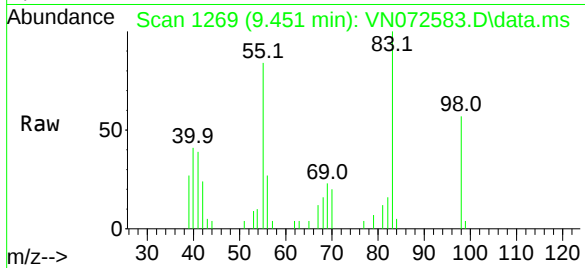
Tgt Ion: 83 Resp: 10817

Ion Ratio Lower Upper

83 100

55 84.5 57.8 86.8

98 57.1 39.4 59.2



#40

Benzene

Concen: 5.632 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072583.D

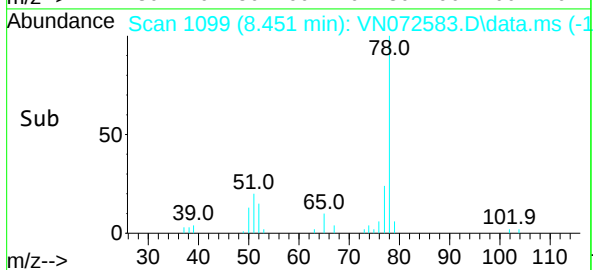
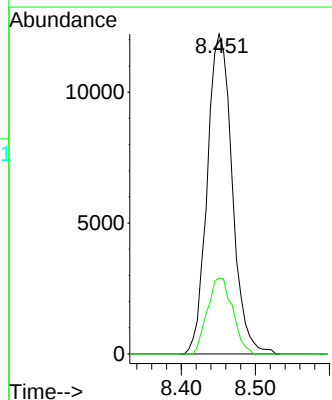
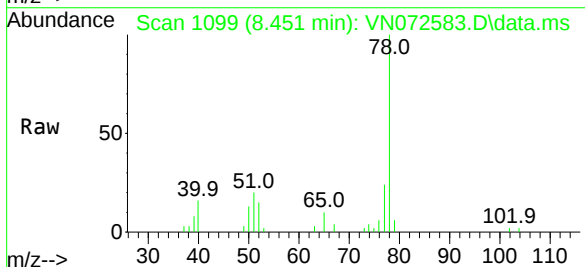
Acq: 24 May 2022 13:03

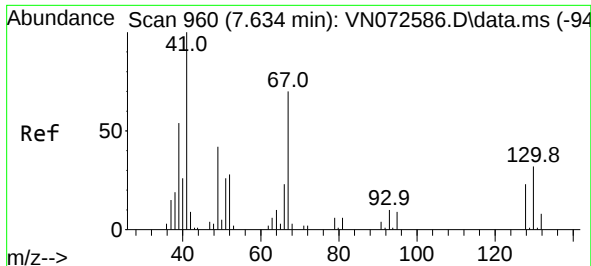
Tgt Ion: 78 Resp: 28557

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

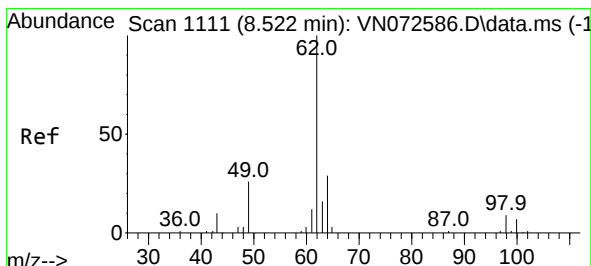
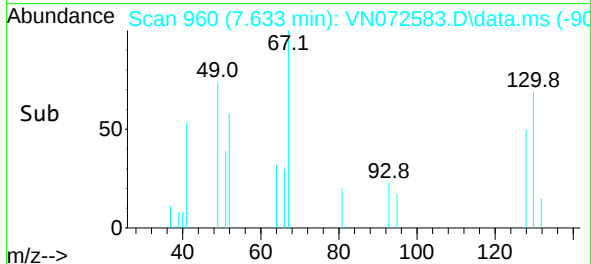
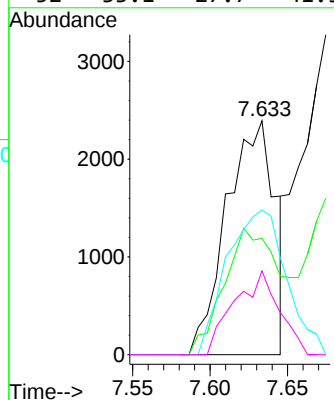
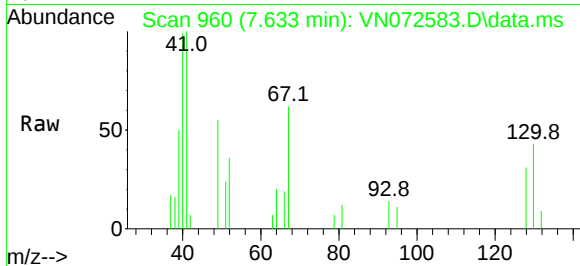




#41
Methacrylonitrile
Concen: 5.508 ug/l
RT: 7.633 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

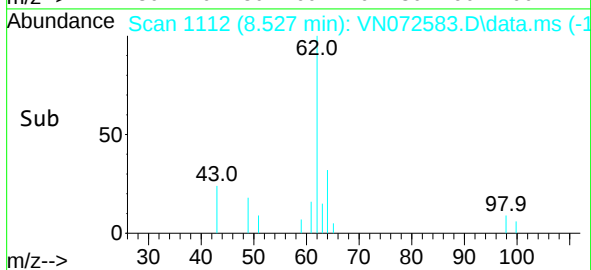
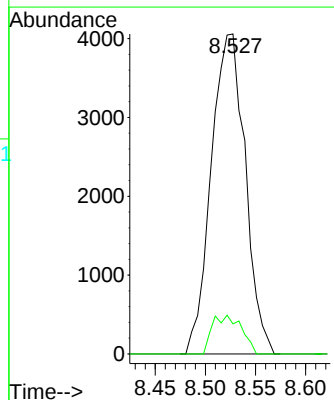
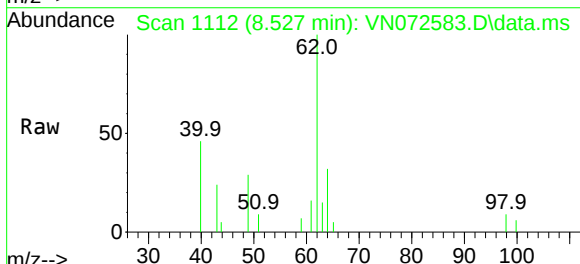
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

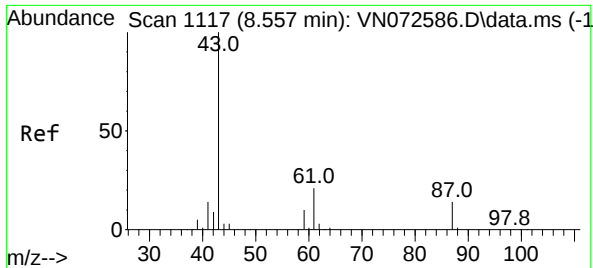
Tgt Ion: 41	Resp: 5204
Ion Ratio	Lower Upper
41 100	
39 61.2	48.6 73.0
67 75.6	73.4 110.2
52 33.1	27.7 41.5



#42
1,2-Dichloroethane
Concen: 4.246 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 62	Resp: 9596
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 19.4

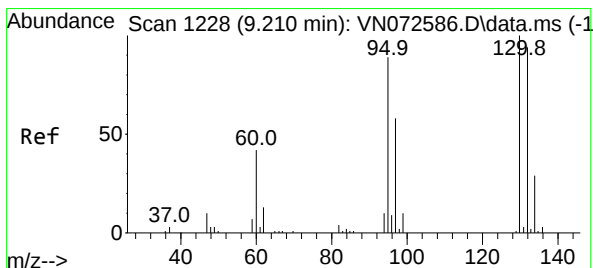
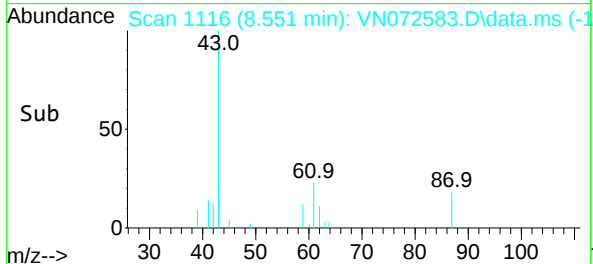
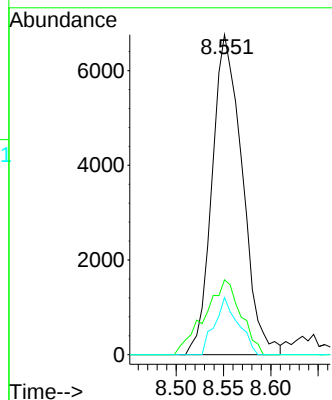
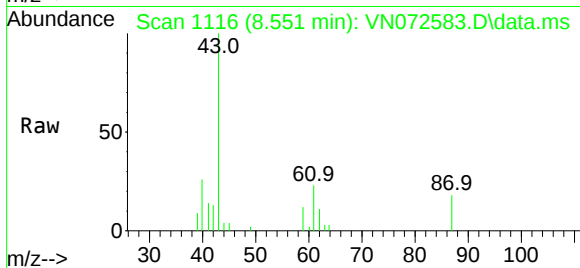




#43
Isopropyl Acetate
Concen: 4.896 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

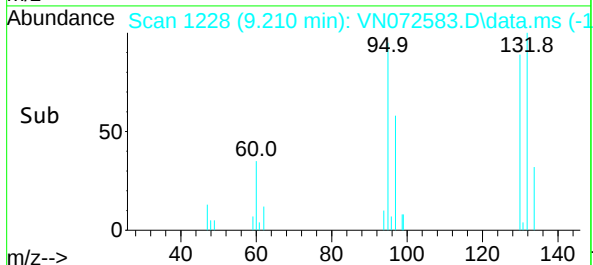
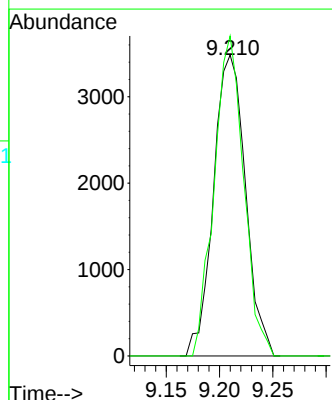
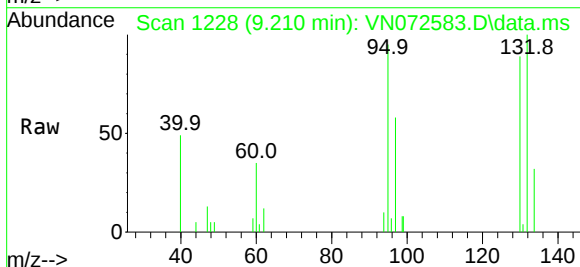
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

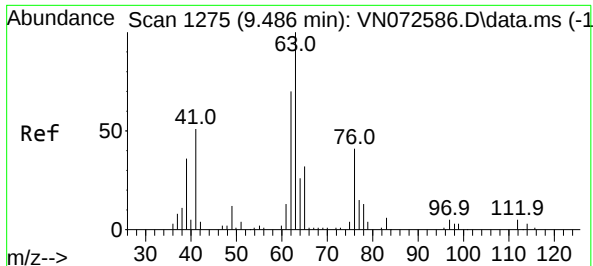
Tgt Ion:	43	Resp:	14995
Ion	Ratio	Lower	Upper
43	100		
61	28.0	21.9	32.9
87	13.9	12.0	18.0



#44
Trichloroethene
Concen: 5.266 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:	130	Resp:	7274
Ion	Ratio	Lower	Upper
130	100		
95	106.3	0.0	186.8





#45

1,2-Dichloropropane

Concen: 5.838 ug/l

RT: 9.480 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

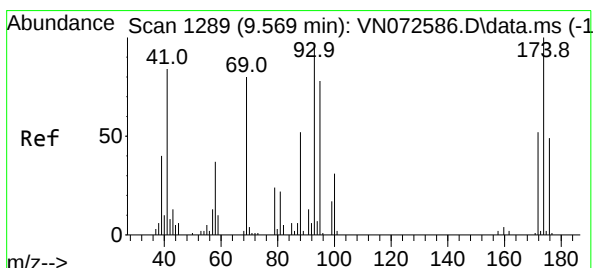
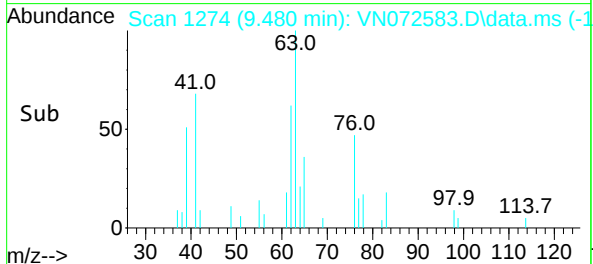
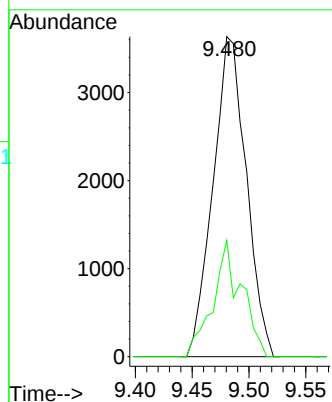
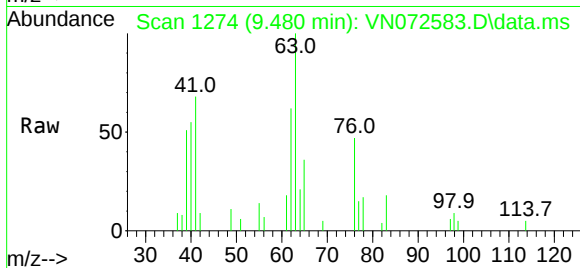
VSTDIC005

Tgt Ion: 63 Resp: 7392

Ion Ratio Lower Upper

63 100

65 36.4 24.9 37.3



#46

Dibromomethane

Concen: 5.436 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

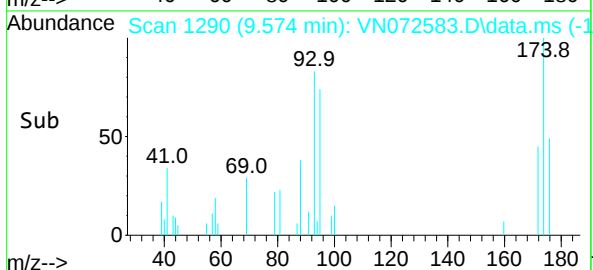
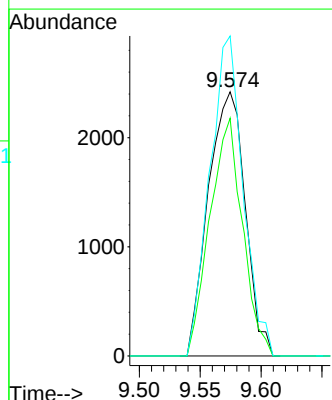
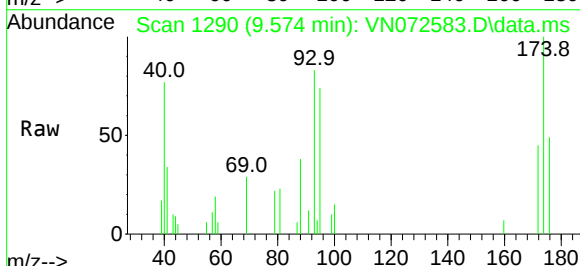
Tgt Ion: 93 Resp: 5098

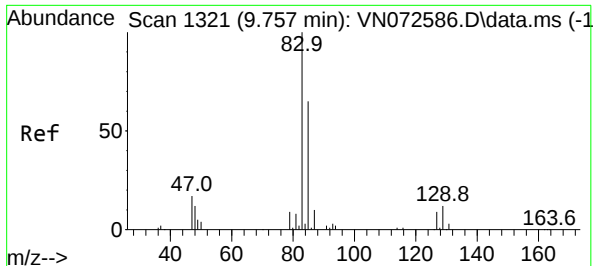
Ion Ratio Lower Upper

93 100

95 79.6 66.9 100.3

174 109.4 86.6 130.0

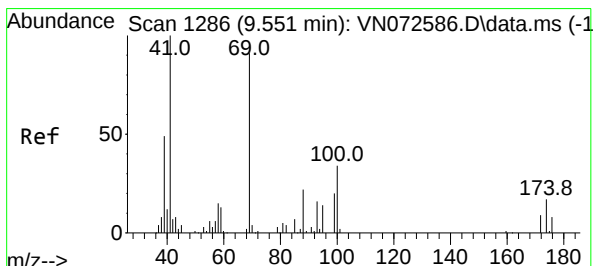
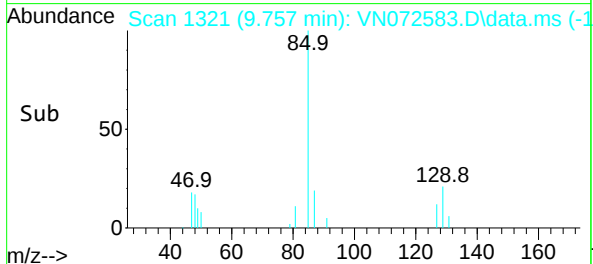
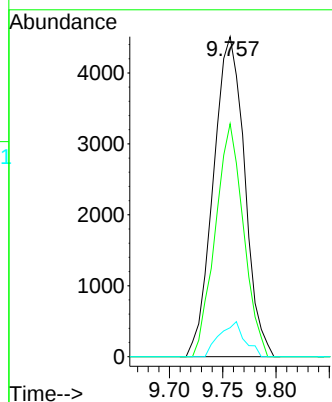
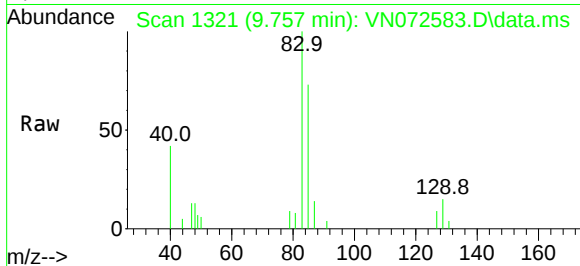




#47
Bromodichloromethane
Concen: 4.778 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

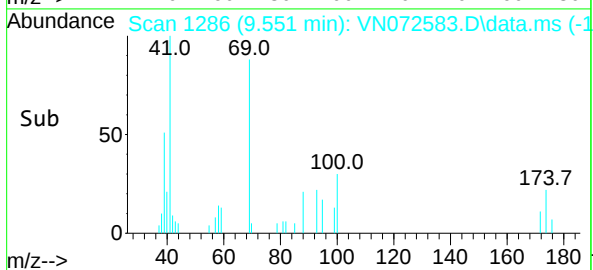
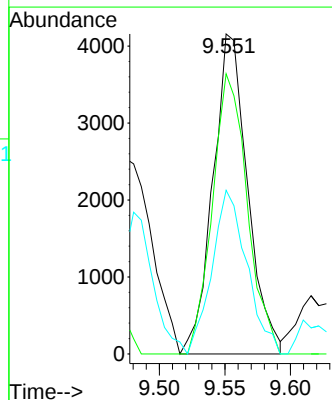
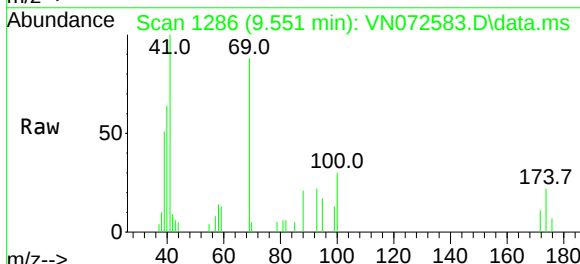
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

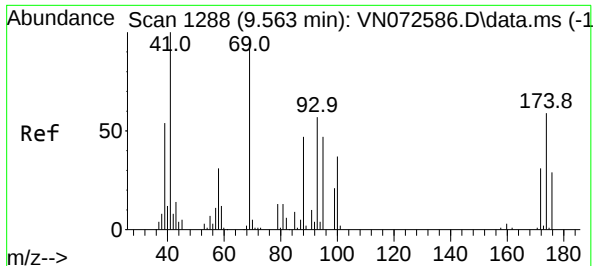
Tgt Ion:	83	Resp:	9190
Ion	Ratio	Lower	Upper
83	100		
85	72.8	50.5	75.7
127	9.1	6.8	10.2



#48
Methyl methacrylate
Concen: 5.225 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:	41	Resp:	7638
Ion	Ratio	Lower	Upper
41	100		
69	87.8	74.7	112.1
39	51.4	45.6	68.4



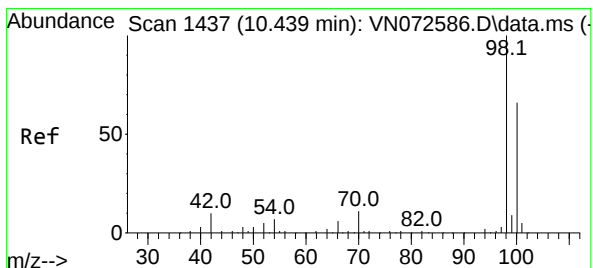
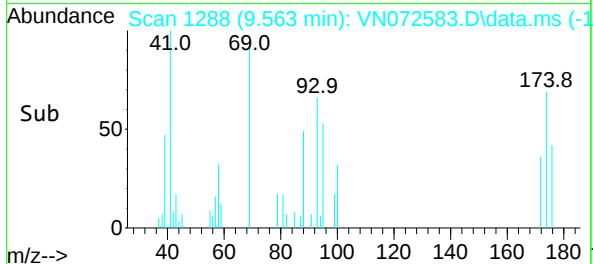
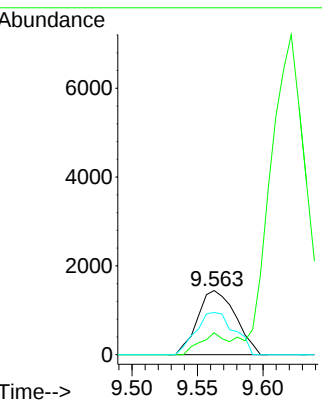
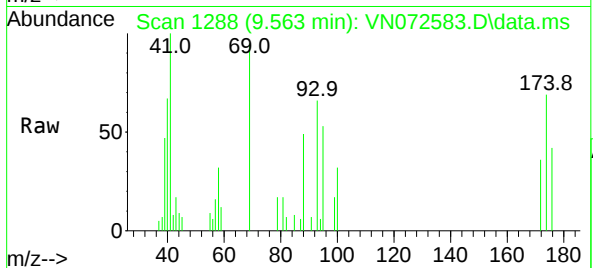


#49
1,4-Dioxane
Concen: 183.473 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 2913

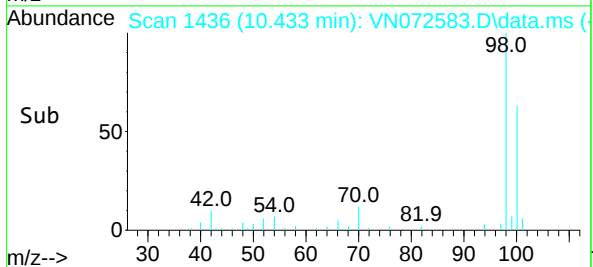
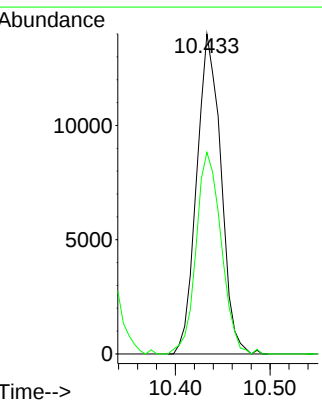
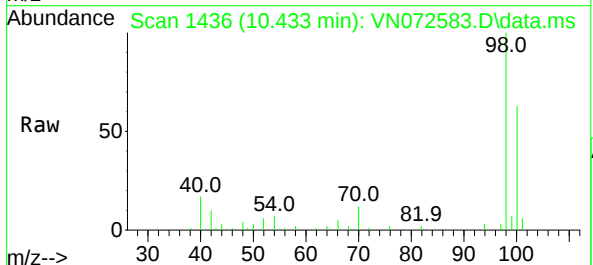
Ion	Ratio	Lower	Upper
88	100		
43	23.5	20.2	30.4
58	66.2	54.2	81.4

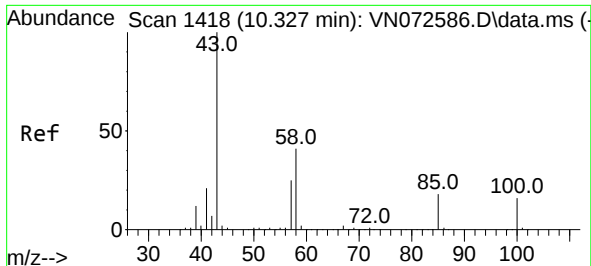


#50
Toluene-d8
Concen: 5.333 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 98 Resp: 24908

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8

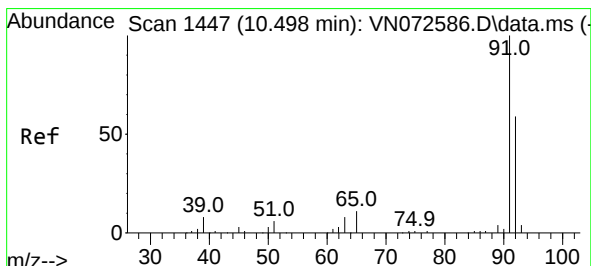
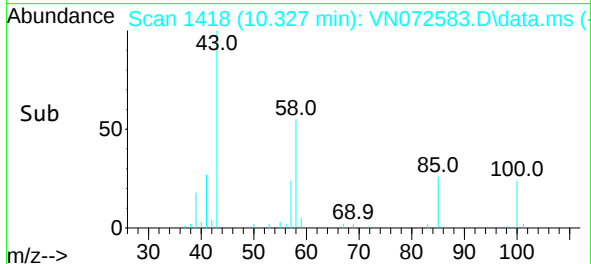
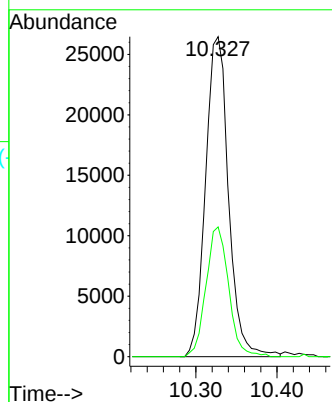
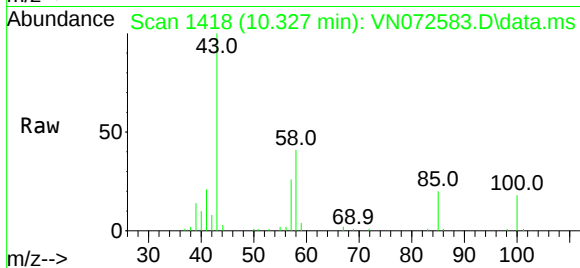




#51
4-Methyl-2-Pentanone
Concen: 25.811 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

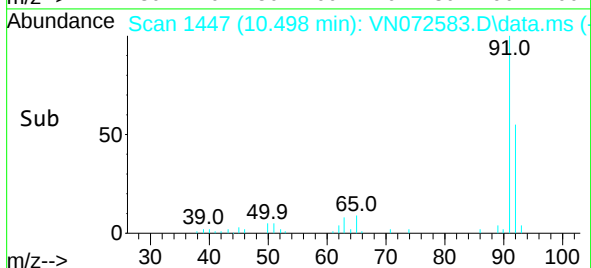
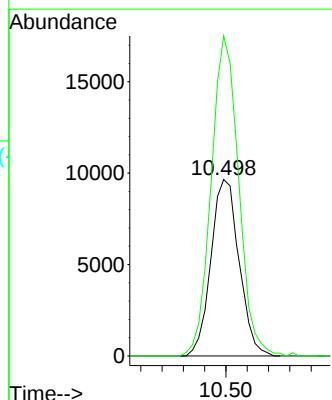
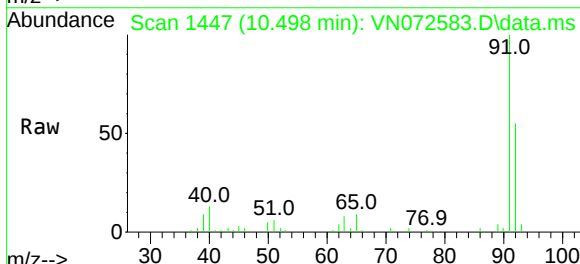
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

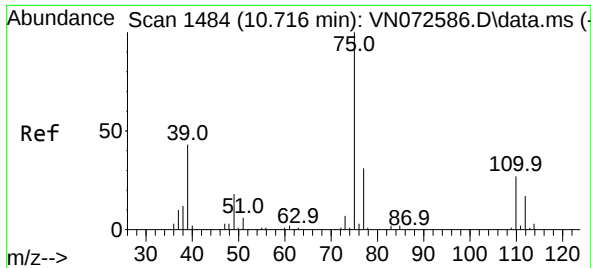
Tgt Ion: 43 Resp: 51980
Ion Ratio Lower Upper
43 100
58 40.0 34.1 51.1



#52
Toluene
Concen: 5.441 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 92 Resp: 17672
Ion Ratio Lower Upper
92 100
91 177.4 138.6 207.8

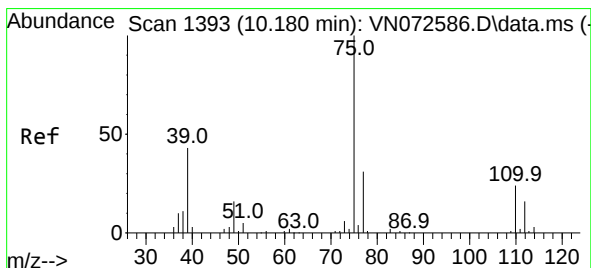
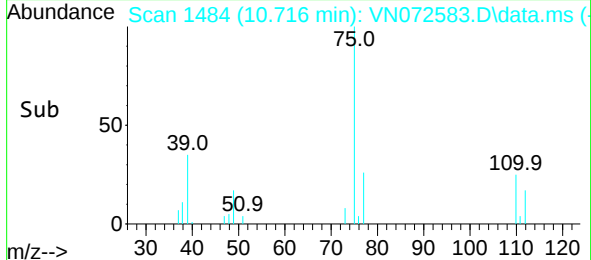
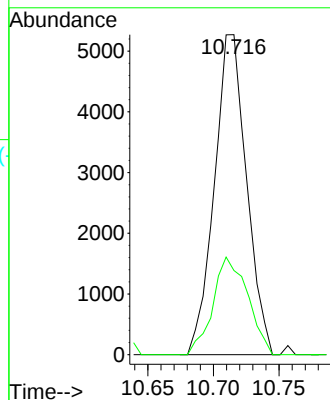
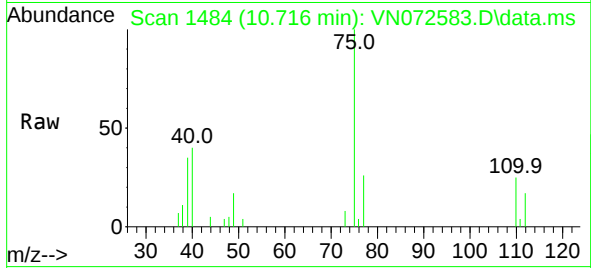




#53
 t-1,3-Dichloropropene
 Concen: 4.393 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

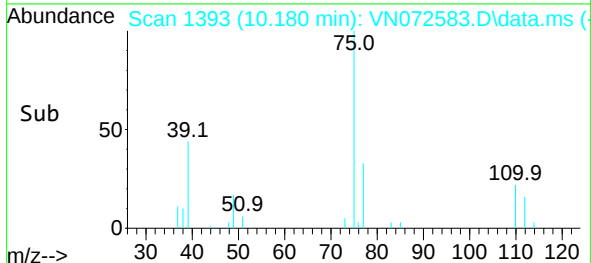
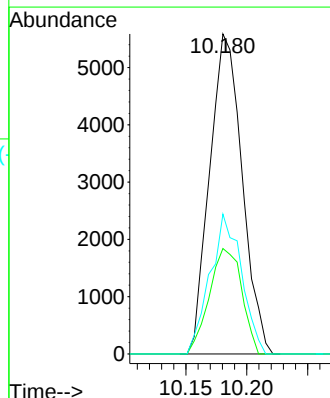
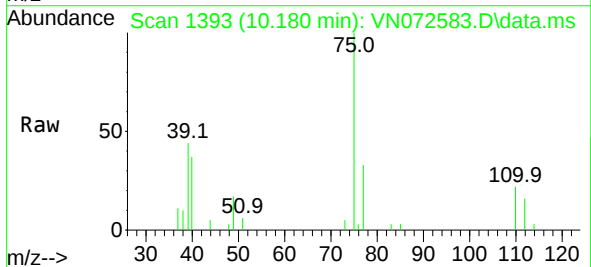
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

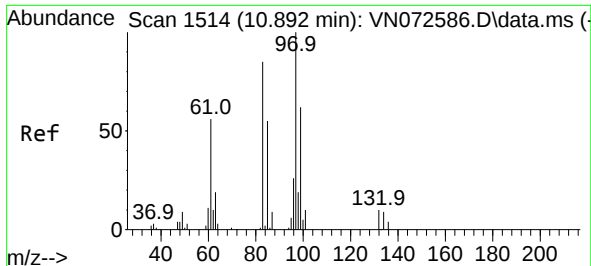
Tgt Ion: 75 Resp: 9008
 Ion Ratio Lower Upper
 75 100
 77 26.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 5.037 ug/l
 RT: 10.180 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

Tgt Ion: 75 Resp: 10381
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8
 39 43.7 35.7 53.5

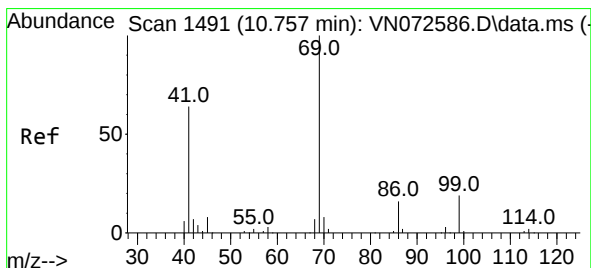
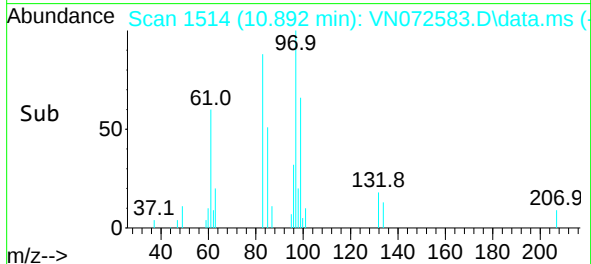
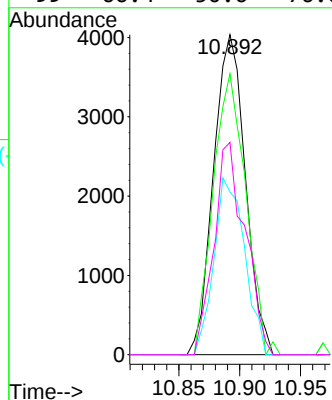
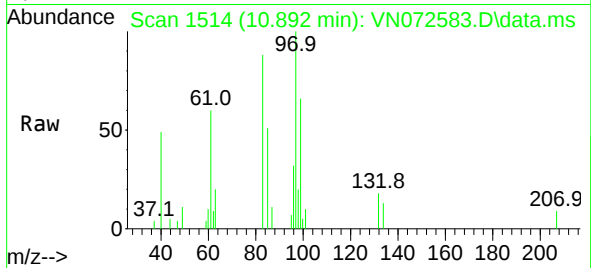




#55
1,1,2-Trichloroethane
Concen: 5.205 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

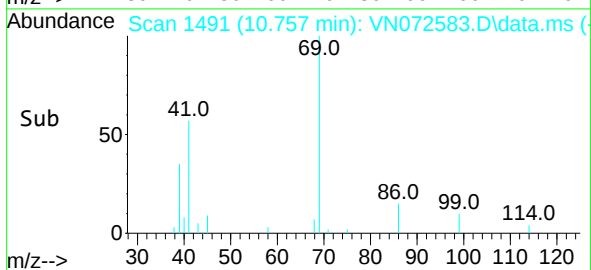
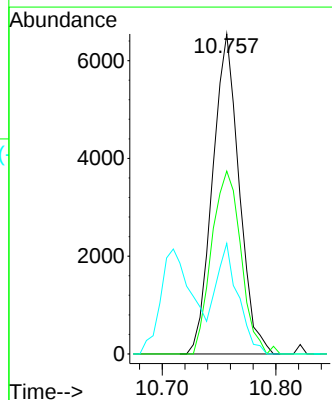
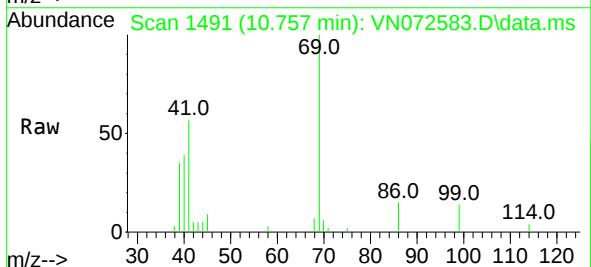
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

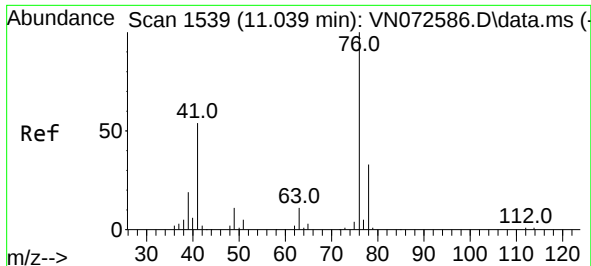
Tgt Ion:	97	Resp:	7343
Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.2	99.4
85	50.9	43.9	65.9
99	66.4	50.6	76.0



#56
Ethyl methacrylate
Concen: 5.045 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:	69	Resp:	10624
Ion	Ratio	Lower	Upper
69	100		
41	63.3	47.8	71.6
39	29.0	27.3	40.9





#57

1,3-Dichloropropane

Concen: 5.349 ug/l

RT: 11.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

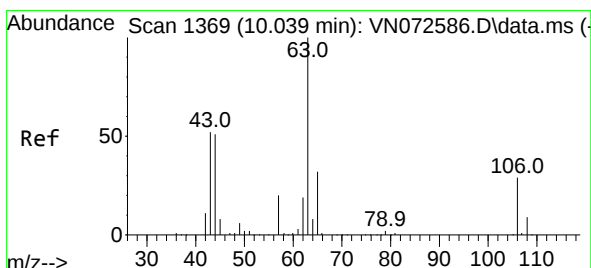
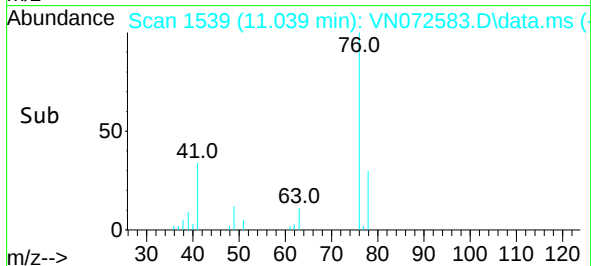
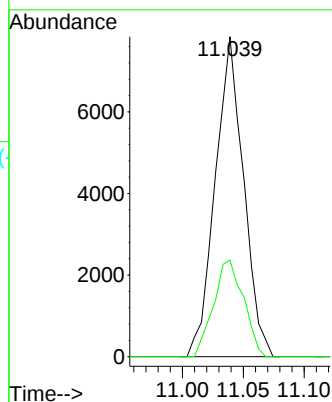
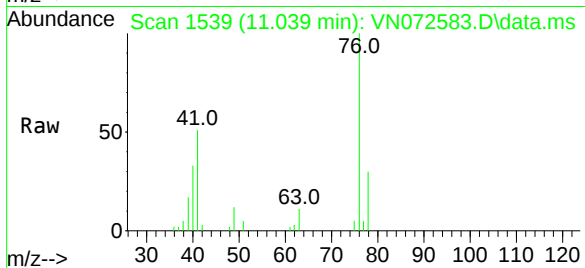
VSTDIC005

Tgt Ion: 76 Resp: 12692

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 37.265 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072583.D

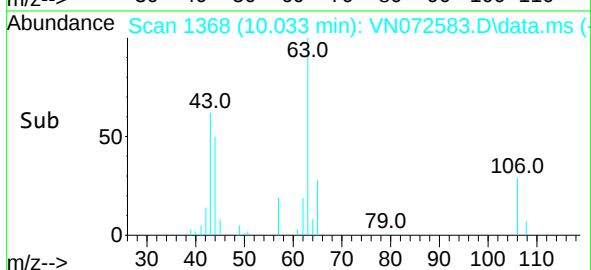
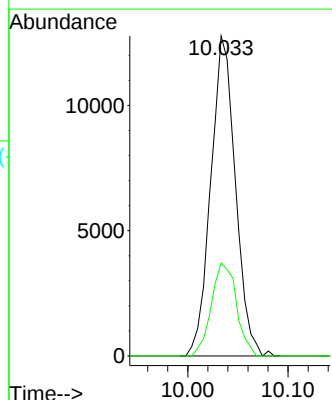
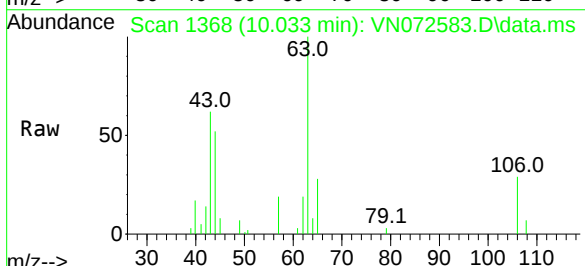
Acq: 24 May 2022 13:03

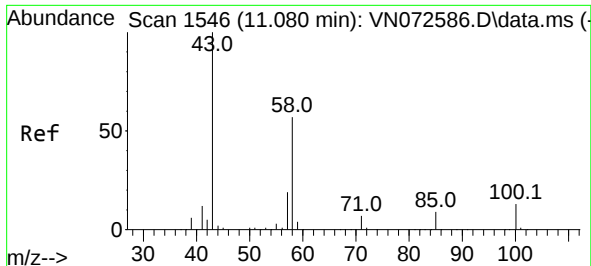
Tgt Ion: 63 Resp: 21741

Ion Ratio Lower Upper

63 100

106 29.6 24.6 36.8

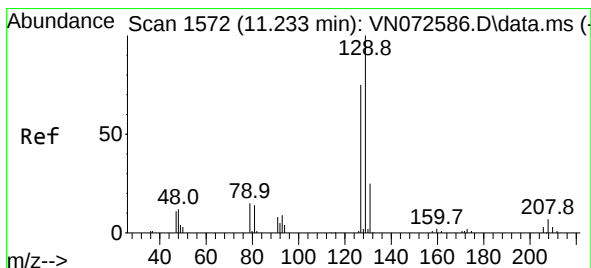
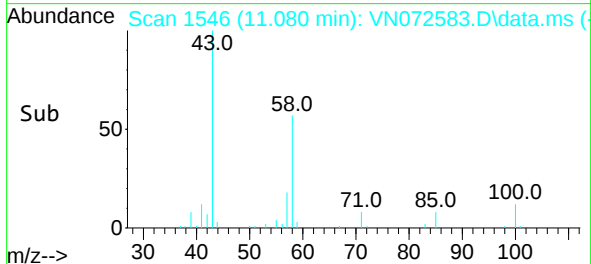
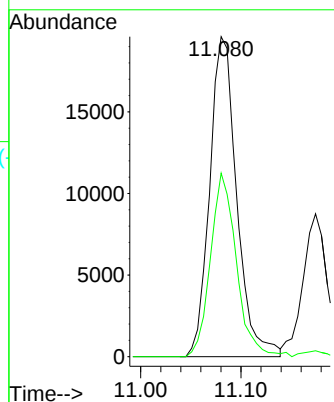
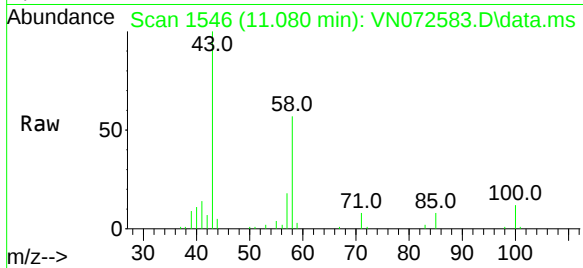




#59
2-Hexanone
Concen: 26.205 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

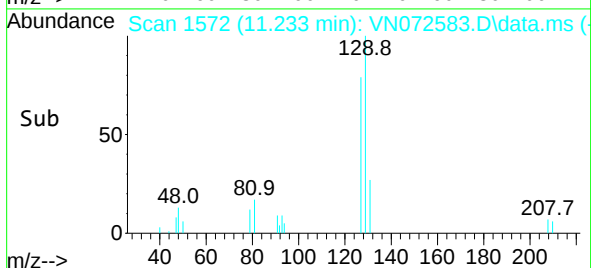
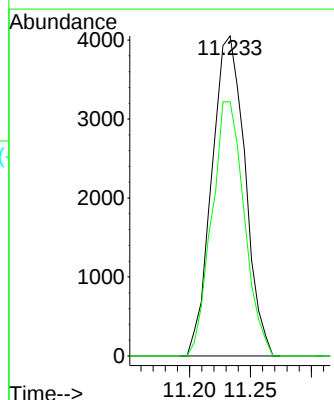
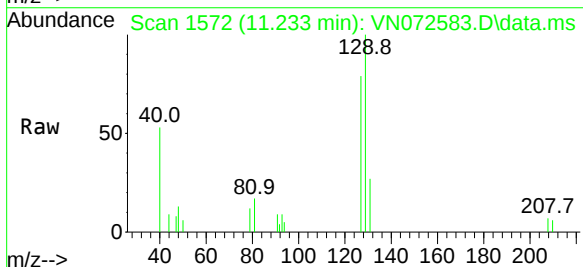
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

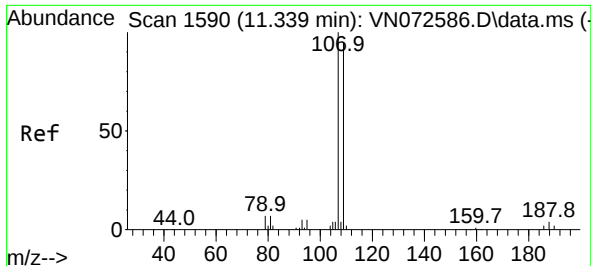
Tgt Ion: 43 Resp: 36770
Ion Ratio Lower Upper
43 100
58 54.8 29.7 89.1



#60
Dibromochloromethane
Concen: 4.816 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 129 Resp: 7687
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

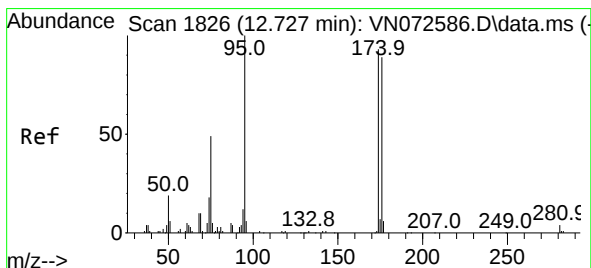
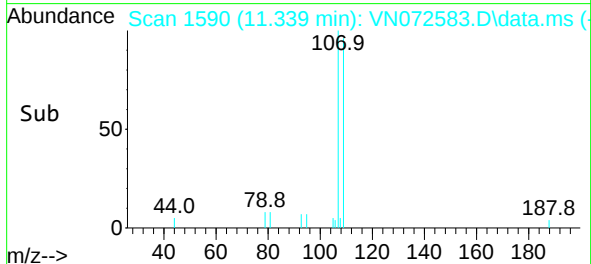
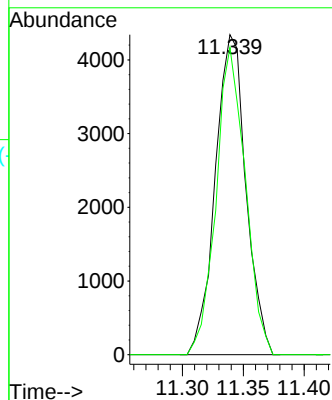
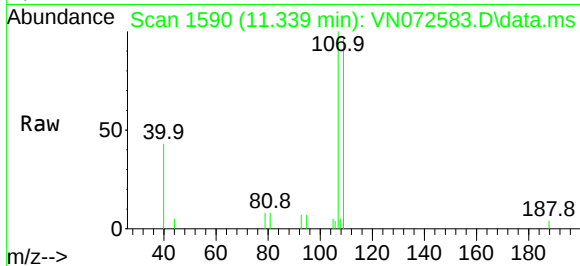




#61
1,2-Dibromoethane
Concen: 5.207 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

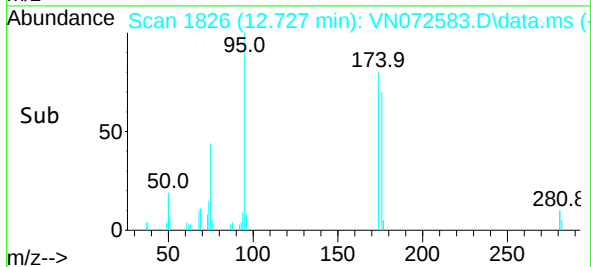
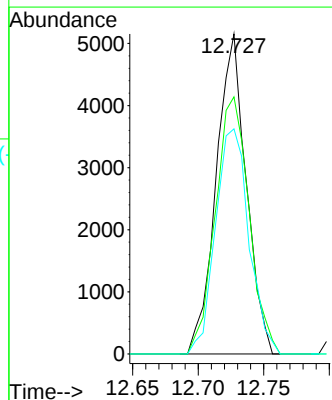
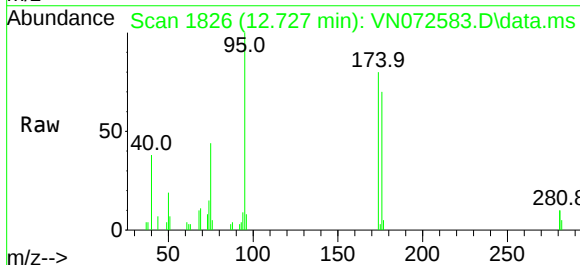
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

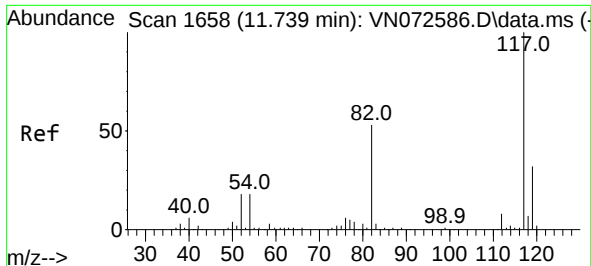
Tgt Ion:107 Resp: 7605
Ion Ratio Lower Upper
107 100
109 91.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 4.741 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 95 Resp: 8179
Ion Ratio Lower Upper
95 100
174 90.1 0.0 167.6
176 78.5 0.0 163.4

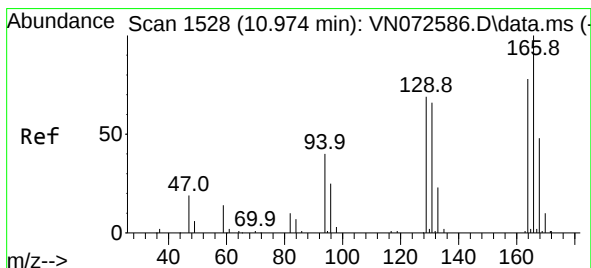
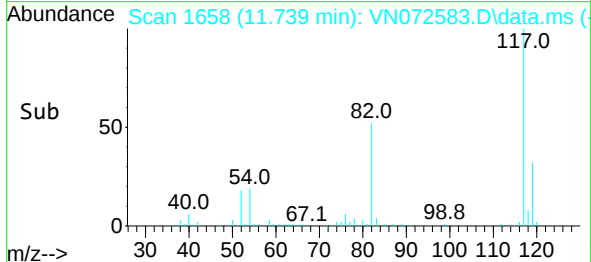
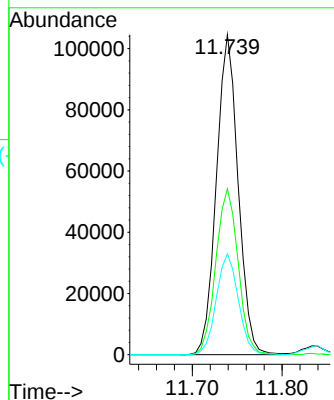
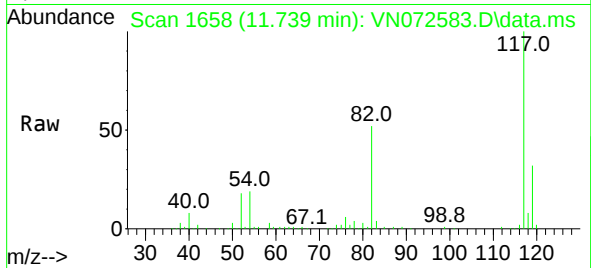




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

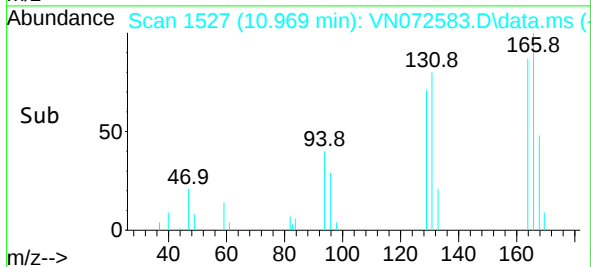
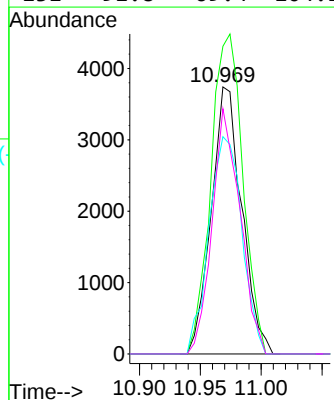
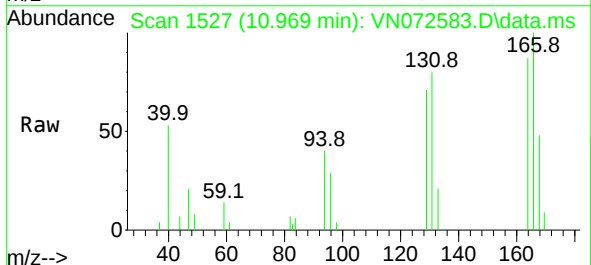
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

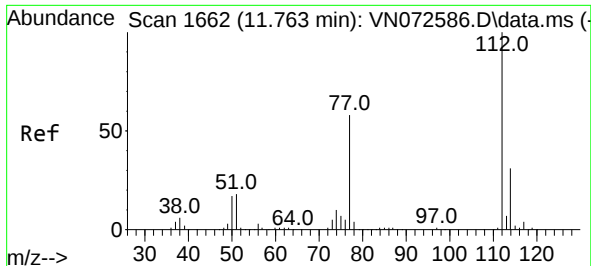
Tgt Ion:117 Resp: 176020
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 5.189 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:164 Resp: 6522
Ion Ratio Lower Upper
164 100
166 115.2 104.2 156.2
129 81.4 73.9 110.9
131 91.8 69.4 104.2

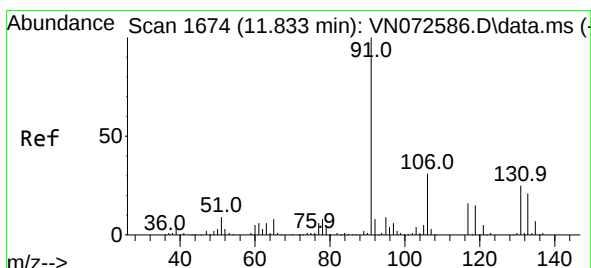
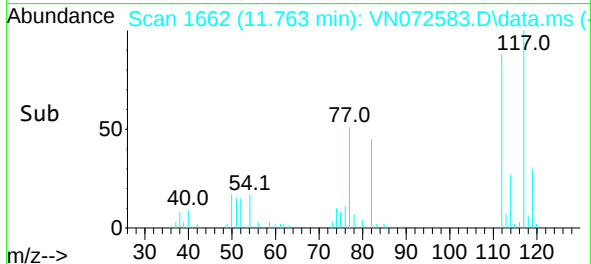
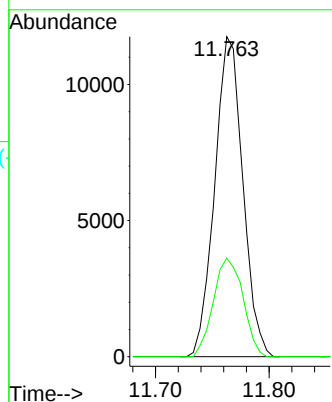
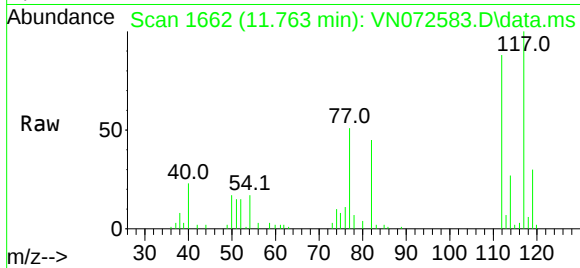




#65
Chlorobenzene
Concen: 5.510 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

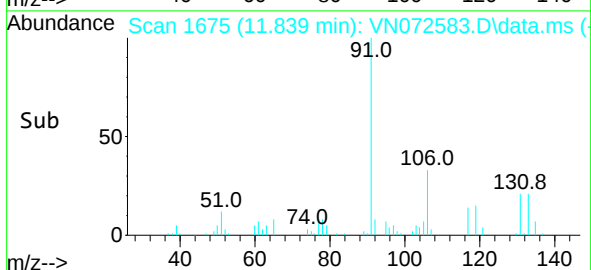
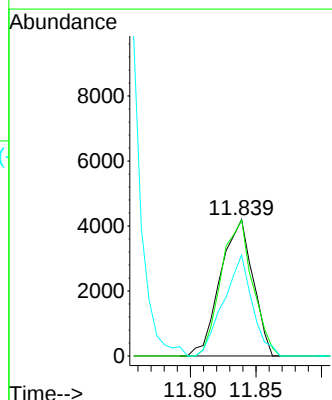
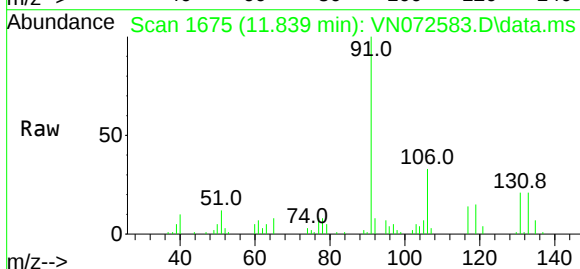
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

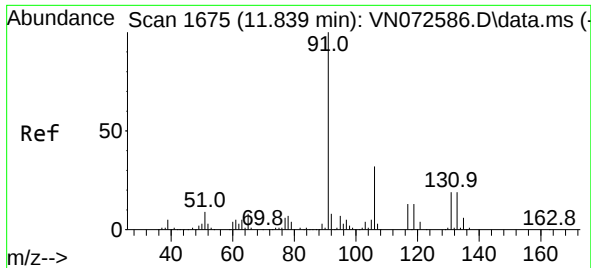
Tgt Ion:112 Resp: 20200
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.915 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:131 Resp: 7239
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 65.5 33.4 100.2

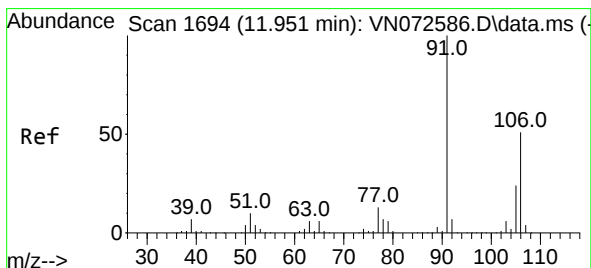
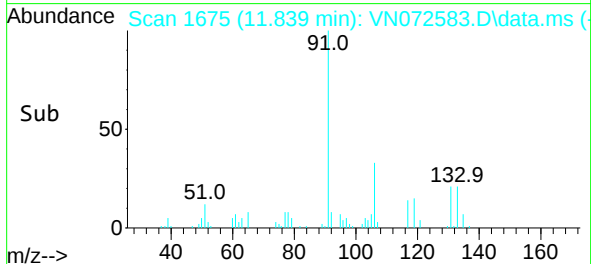
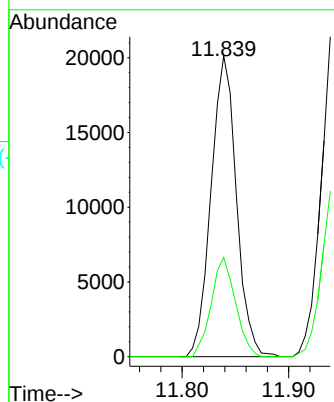
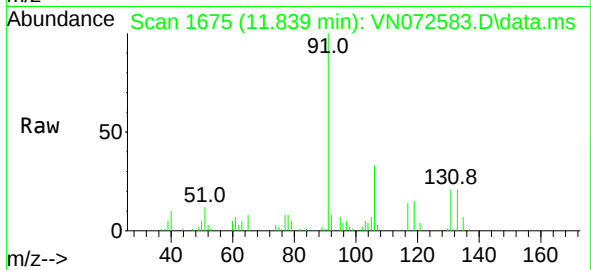




#67
Ethyl Benzene
Concen: 5.210 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

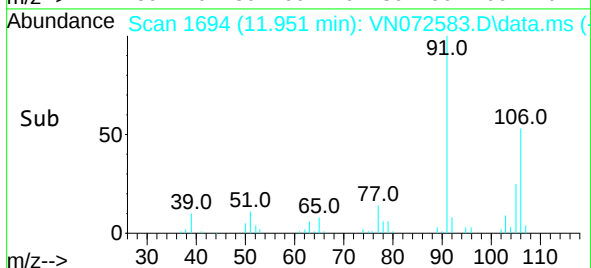
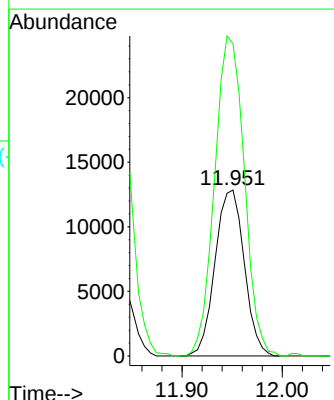
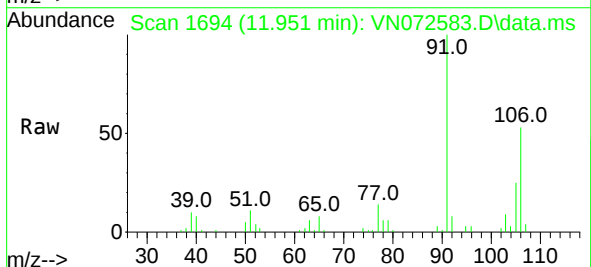
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

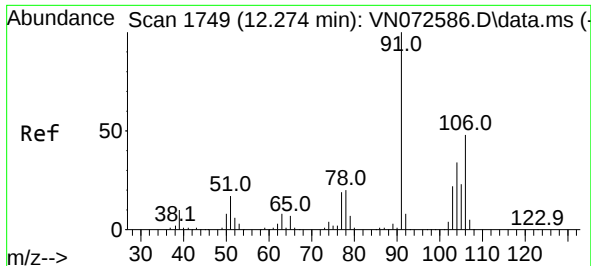
Tgt Ion: 91 Resp: 33158
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3



#68
m/p-Xylenes
Concen: 10.656 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:106 Resp: 25992
Ion Ratio Lower Upper
106 100
91 196.0 158.9 238.3

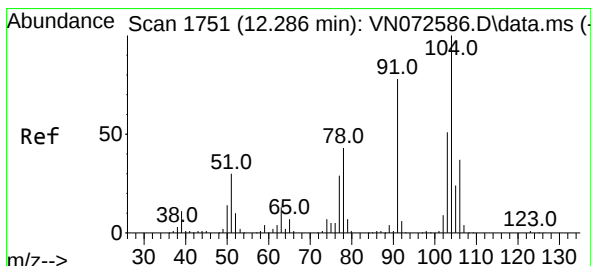
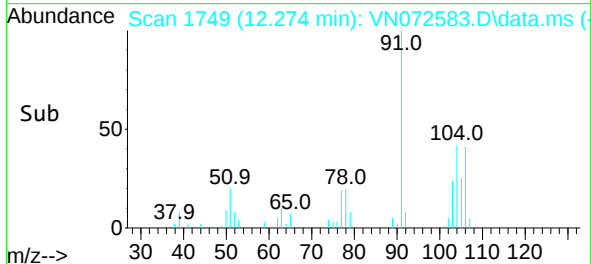
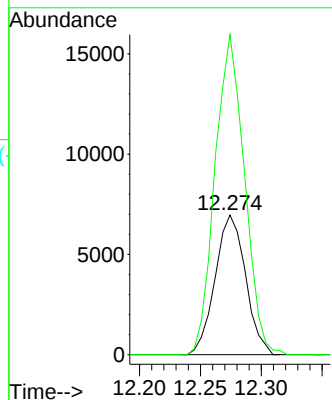
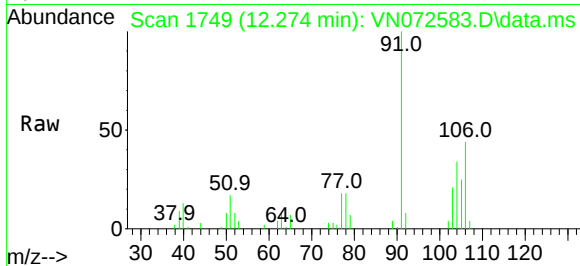




#69
o-Xylene
Concen: 4.884 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

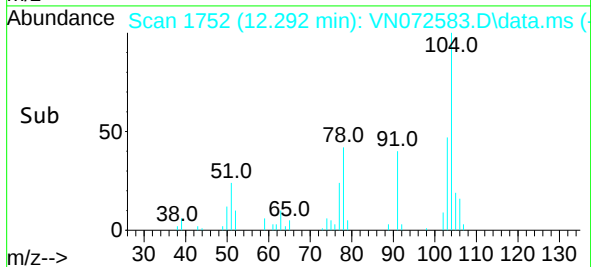
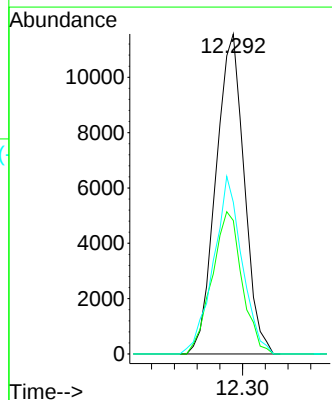
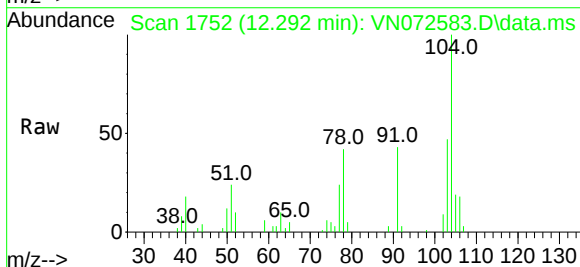
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

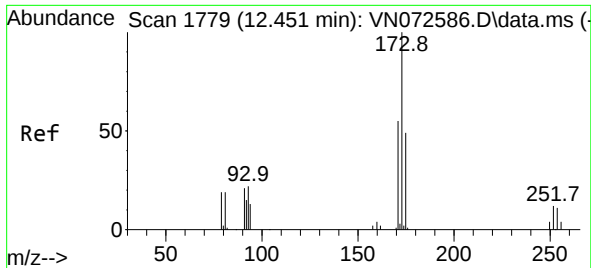
Tgt Ion:106 Resp: 12107
Ion Ratio Lower Upper
106 100
91 222.2 106.0 318.0



#70
Styrene
Concen: 5.236 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:104 Resp: 19988
Ion Ratio Lower Upper
104 100
78 47.1 39.5 59.3
103 56.0 44.0 66.0

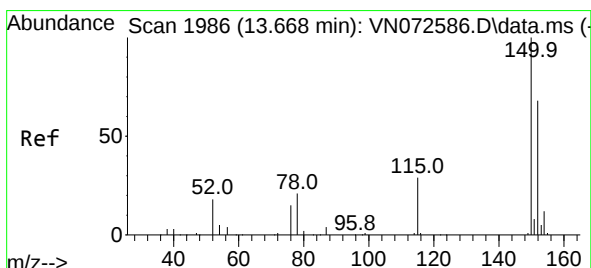
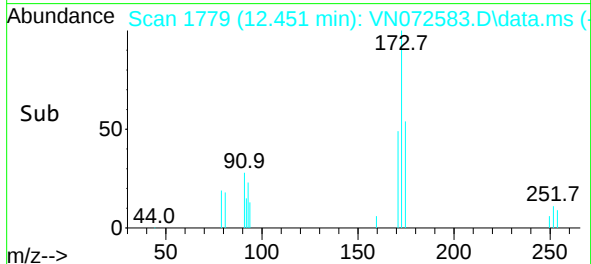
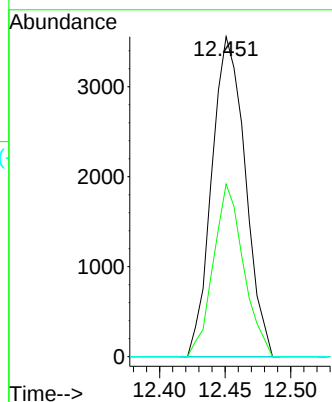
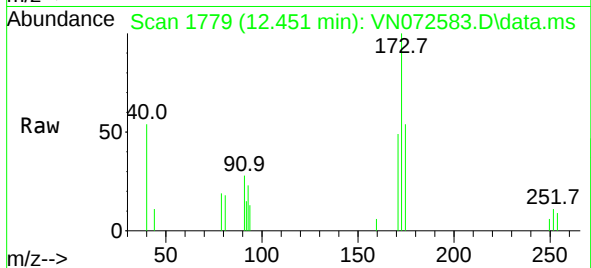




#71
Bromoform
Concen: 5.490 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

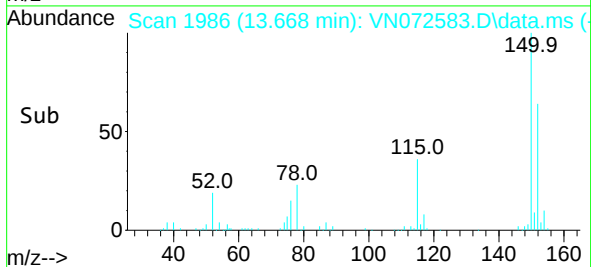
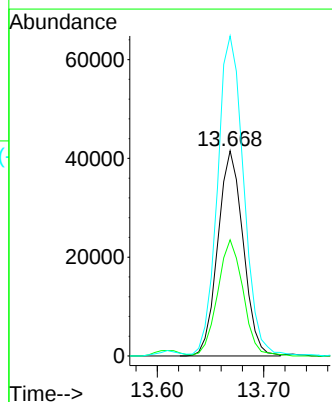
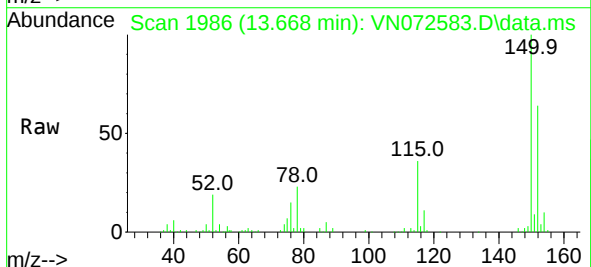
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

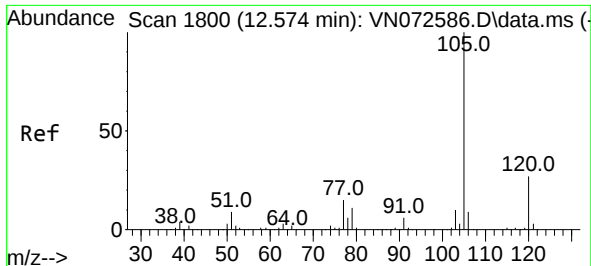
Tgt Ion:173 Resp: 6301
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:152 Resp: 68626
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 162.2 0.0 356.2

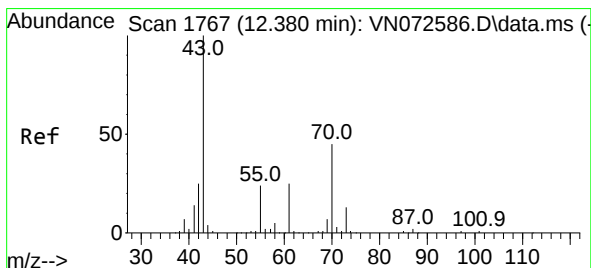
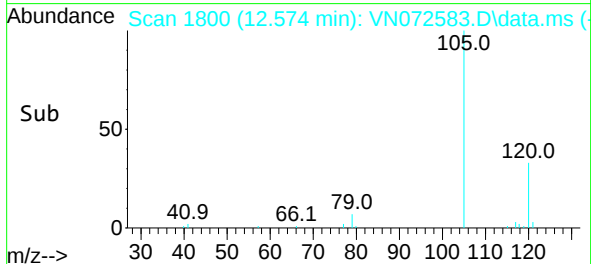
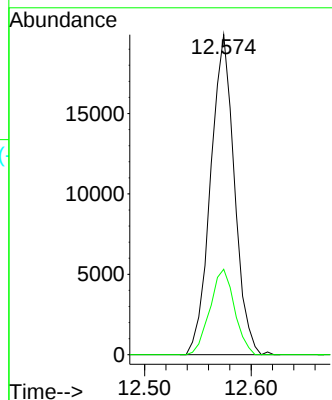
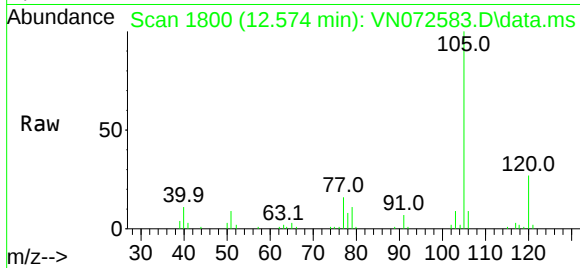




#73
Isopropylbenzene
Concen: 5.364 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

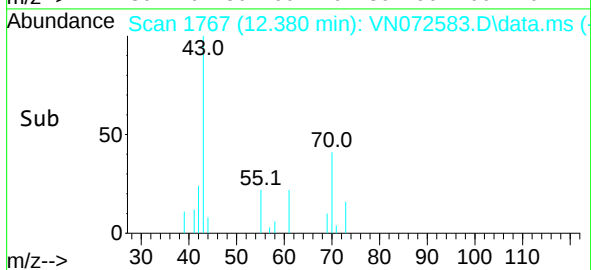
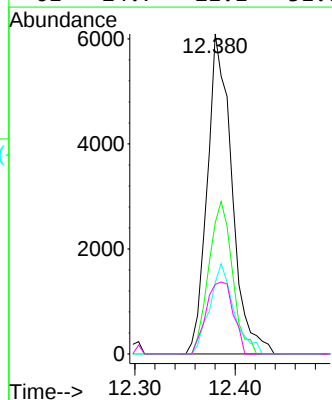
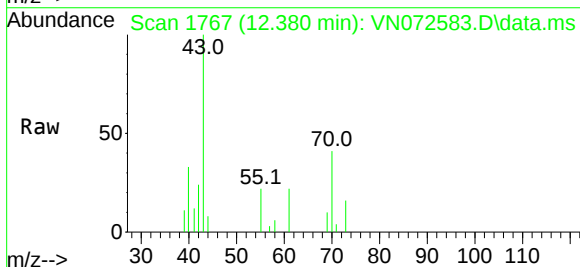
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

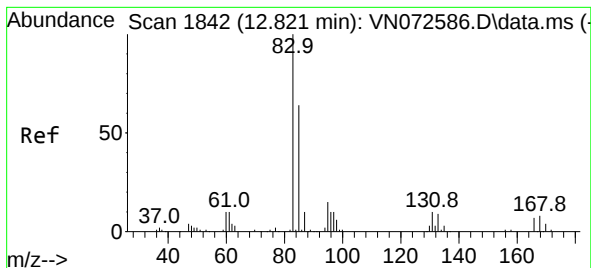
Tgt Ion:105 Resp: 30841
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 5.266 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 43 Resp: 10418
Ion Ratio Lower Upper
43 100
70 45.5 39.0 58.4
55 27.6 21.1 31.7
61 24.7 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 6.287 ug/l

RT: 12.821 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

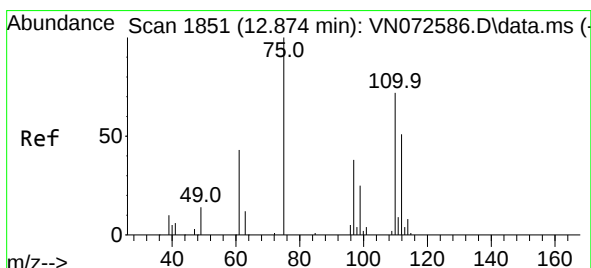
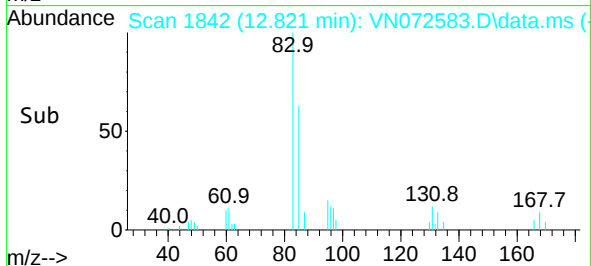
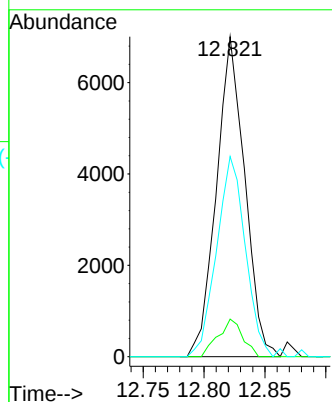
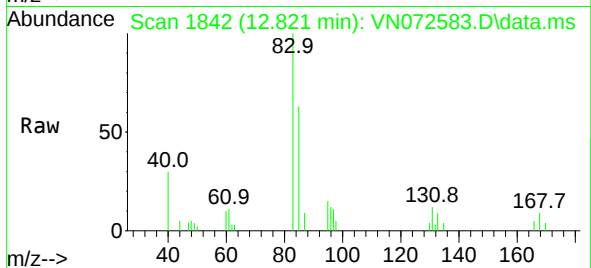
Tgt Ion: 83 Resp: 11352

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.9

85 63.8 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 6.089 ug/l

RT: 12.880 min Scan# 1852

Delta R.T. 0.006 min

Lab File: VN072583.D

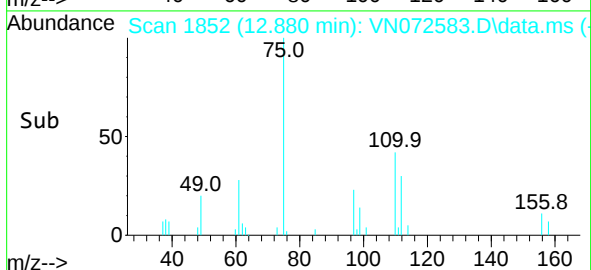
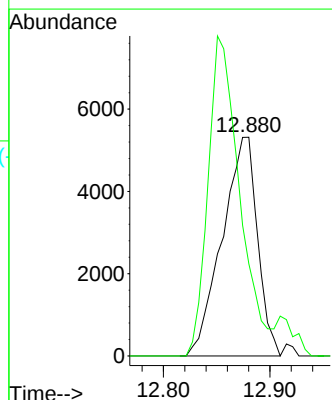
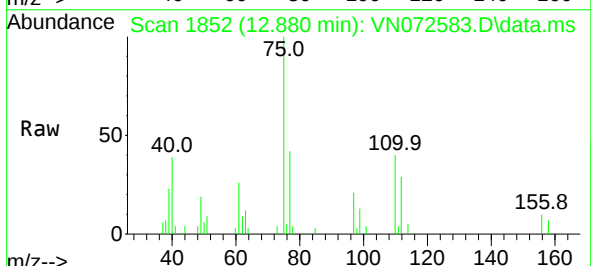
Acq: 24 May 2022 13:03

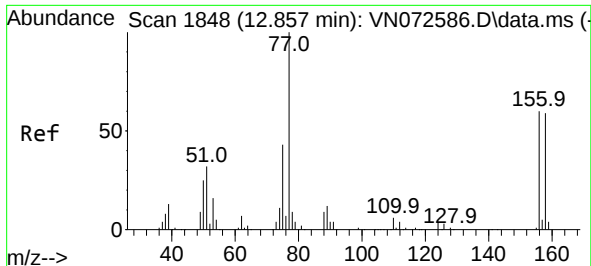
Tgt Ion: 75 Resp: 12275

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#

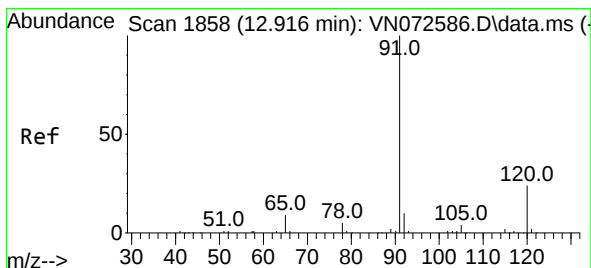
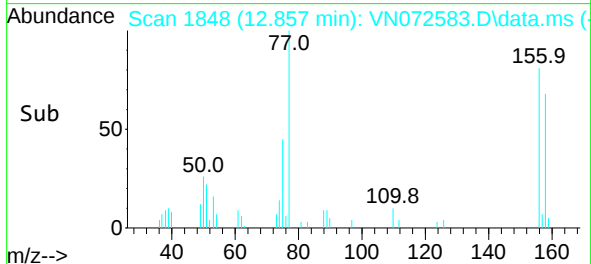
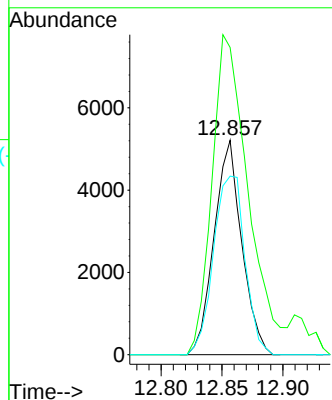
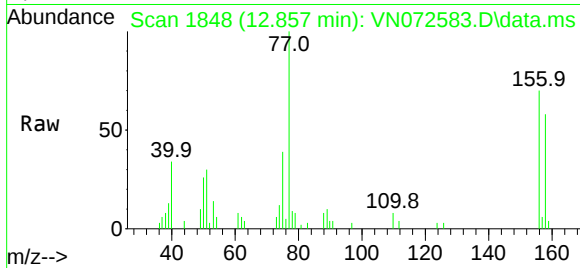




#77
Bromobenzene
Concen: 5.534 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

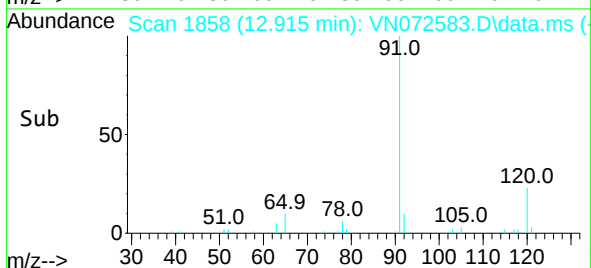
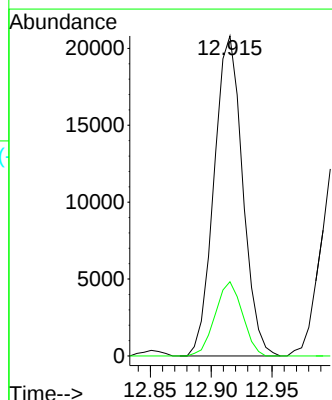
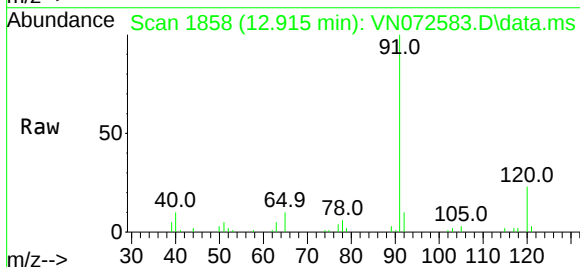
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

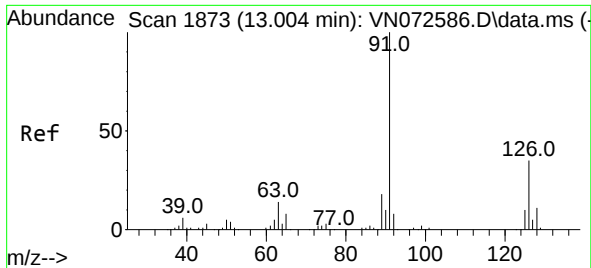
Tgt Ion:156 Resp: 8230
Ion Ratio Lower Upper
156 100
77 195.8 100.5 301.5
158 94.8 48.9 146.6



#78
n-propylbenzene
Concen: 5.390 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 91 Resp: 33959
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

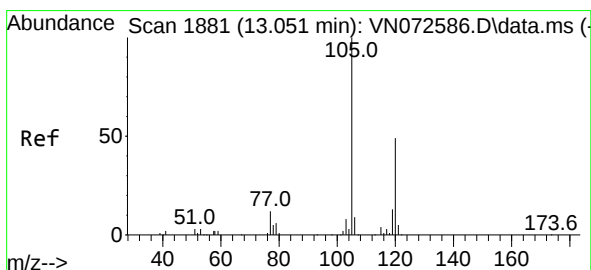
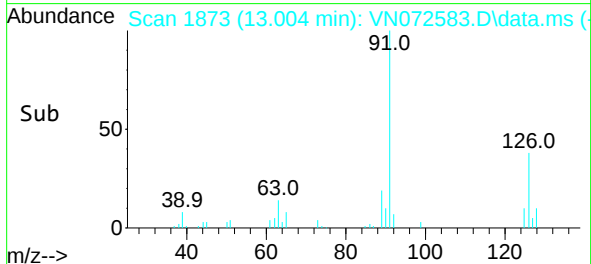
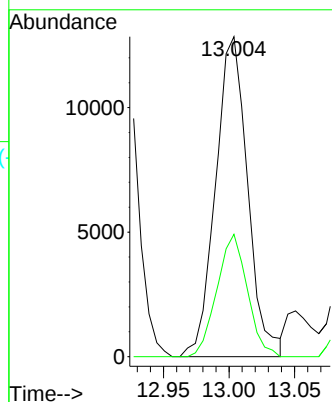
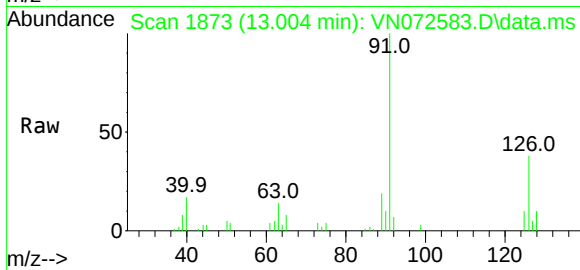




#79
2-Chlorotoluene
Concen: 5.271 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

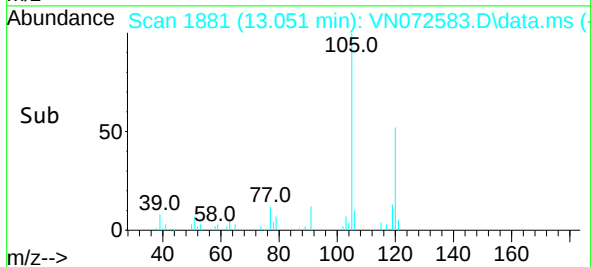
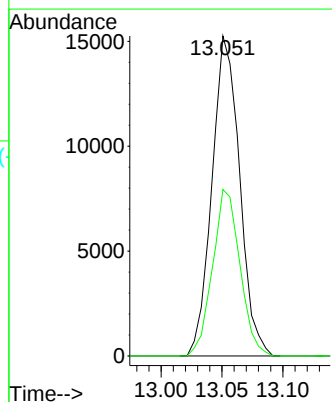
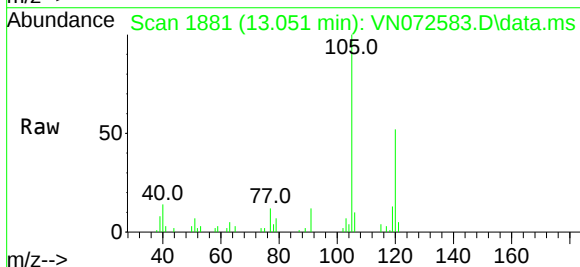
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

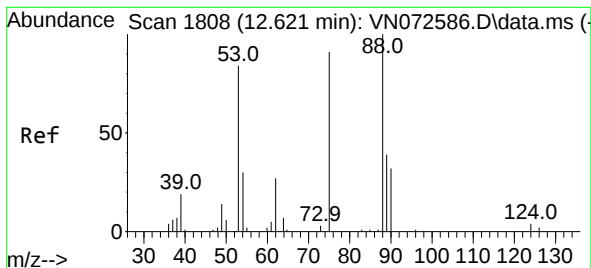
Tgt Ion: 91 Resp: 21866
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 4.935 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 105 Resp: 24092
Ion Ratio Lower Upper
105 100
120 51.5 24.9 74.7

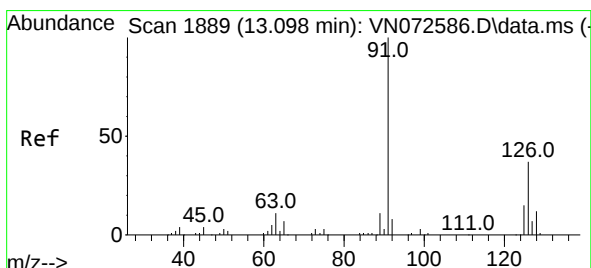
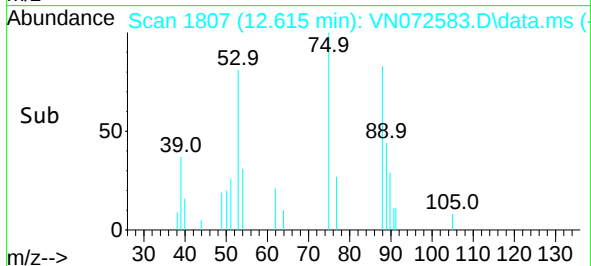
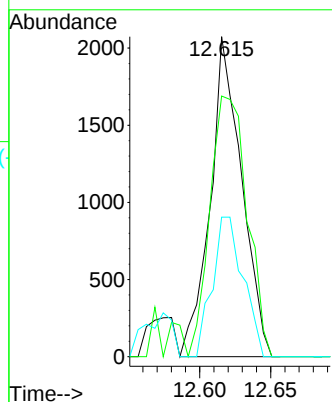
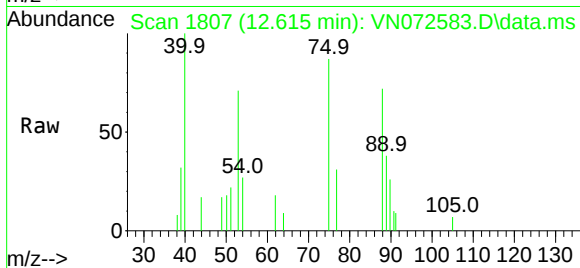




#81
trans-1,4-Dichloro-2-butene
Concen: 6.039 ug/l
RT: 12.615 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

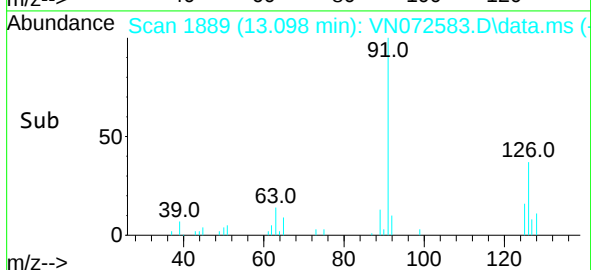
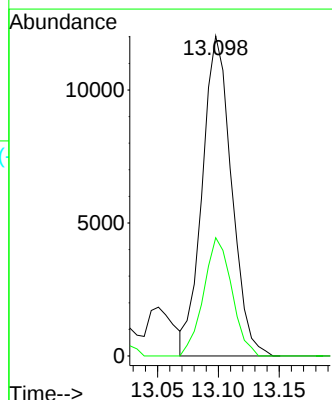
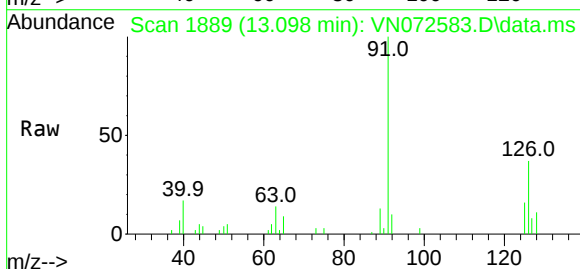
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

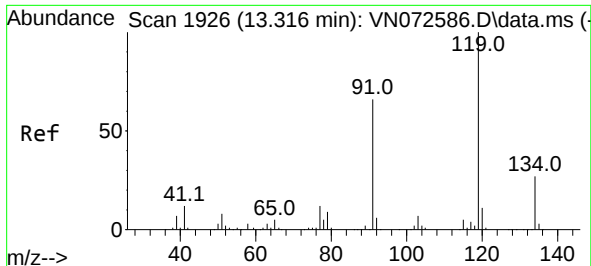
Tgt Ion: 75 Resp: 3192
Ion Ratio Lower Upper
75 100
53 96.2 78.0 117.0
89 42.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 5.196 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion: 91 Resp: 20142
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6

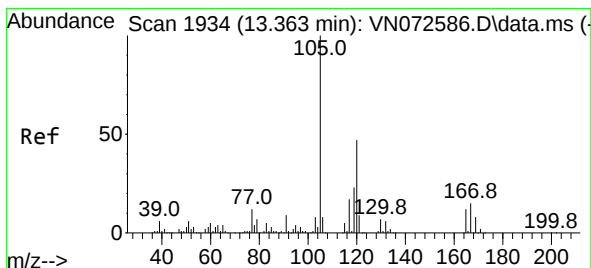
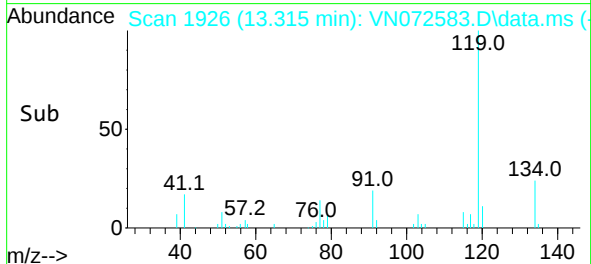
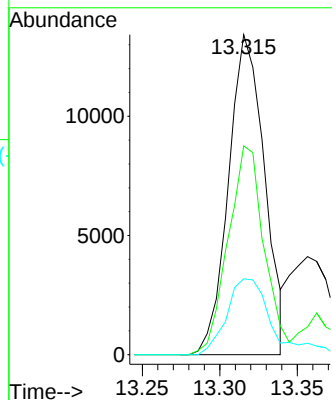
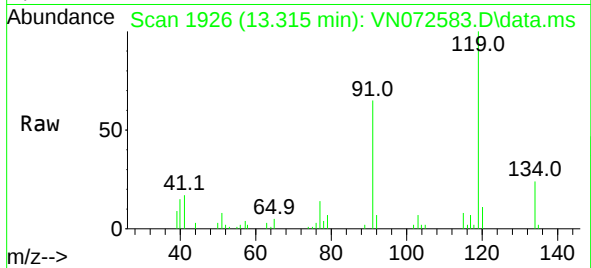




#83
tert-Butylbenzene
Concen: 5.097 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

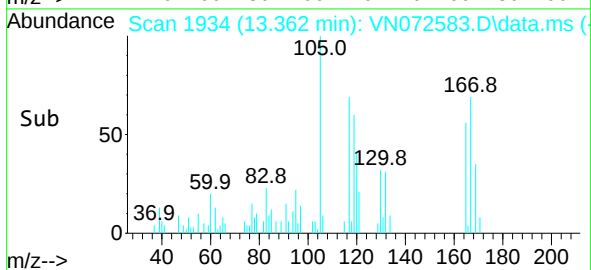
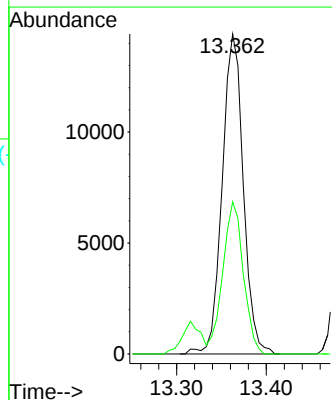
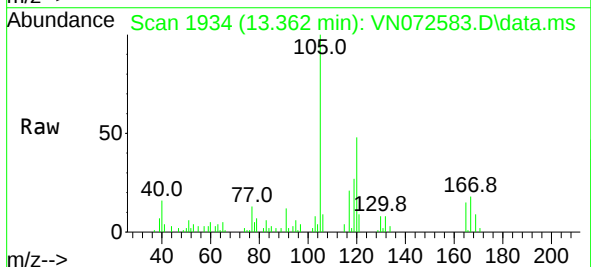
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

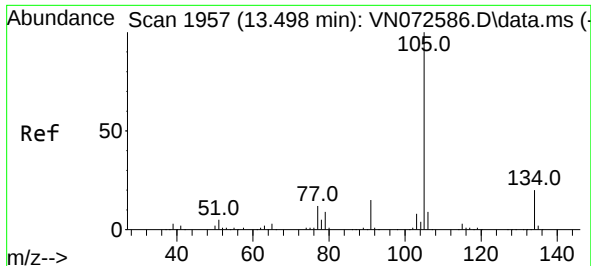
Tgt Ion:119 Resp: 21724
Ion Ratio Lower Upper
119 100
91 65.1 31.6 94.8
134 29.1 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 4.940 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:105 Resp: 23502
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8

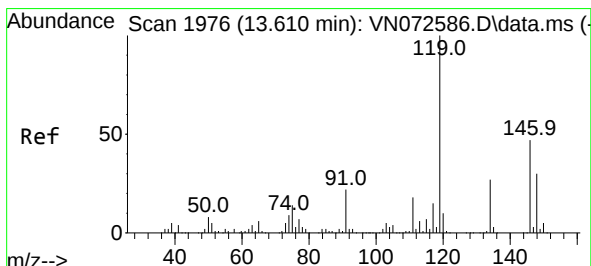
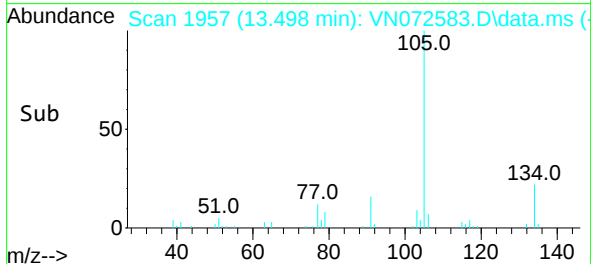
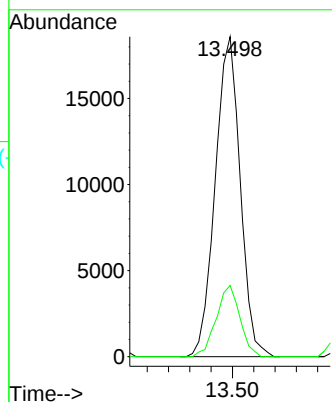
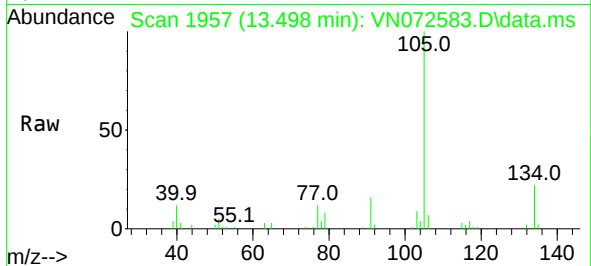




#85
 sec-Butylbenzene
 Concen: 5.426 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

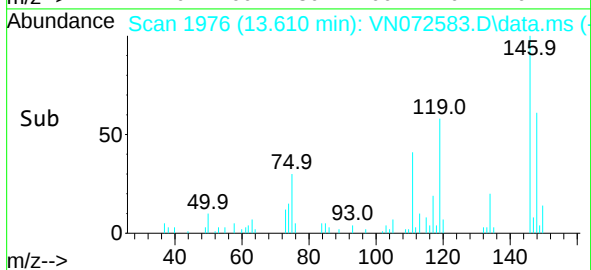
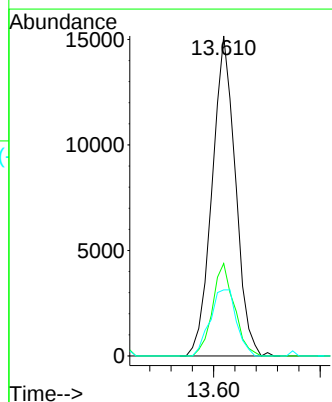
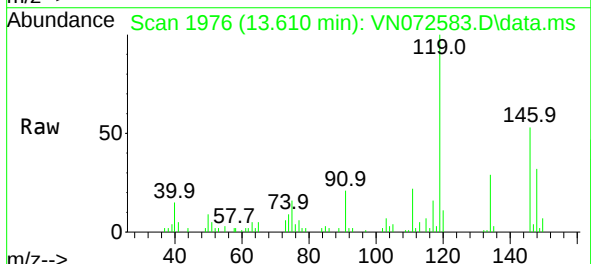
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

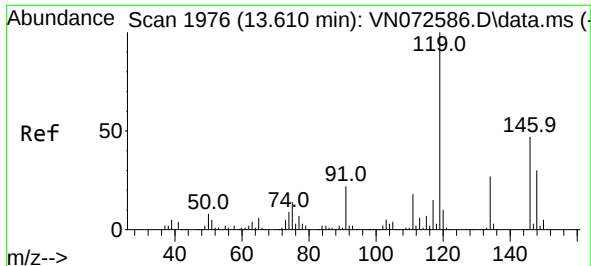
Tgt Ion:105 Resp: 30181
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 5.065 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

Tgt Ion:119 Resp: 23019
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 23.4 11.3 33.9

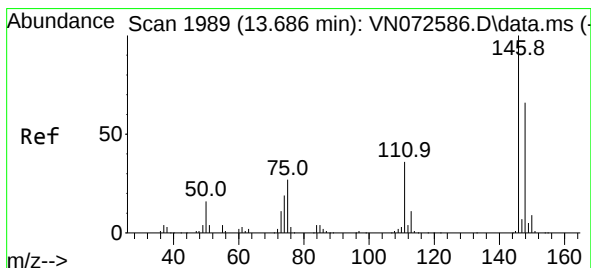
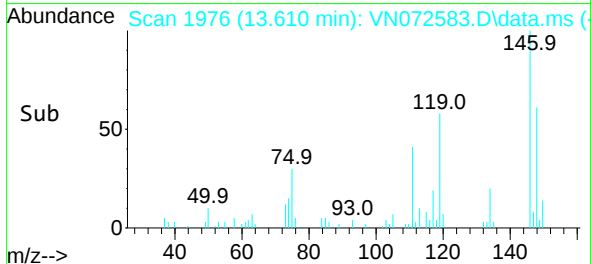
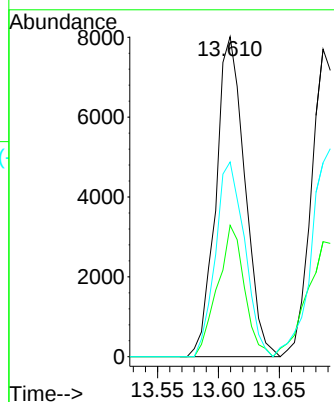
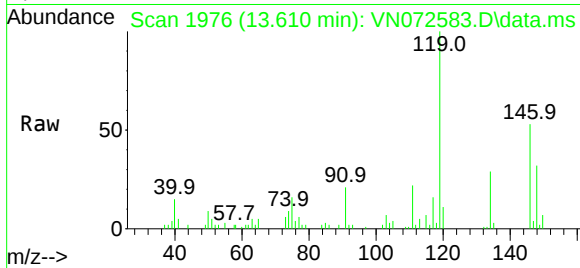




#87
 1,3-Dichlorobenzene
 Concen: 5.446 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

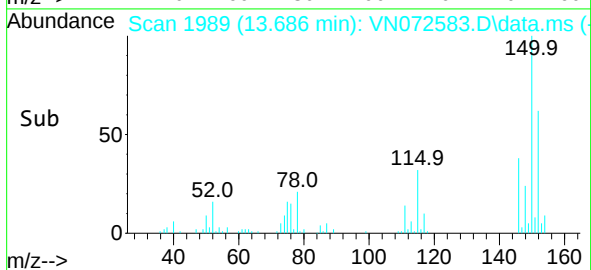
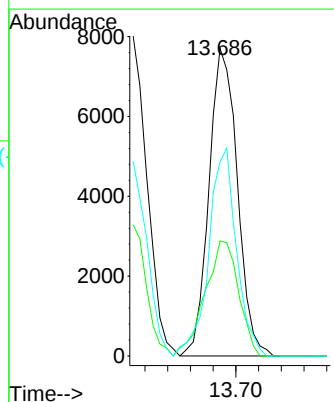
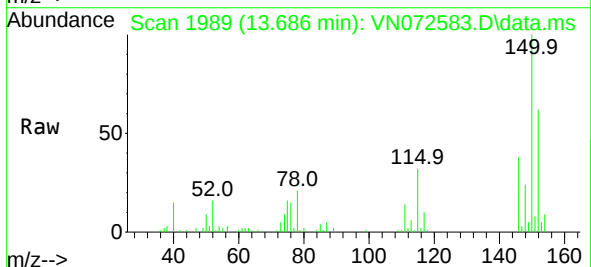
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

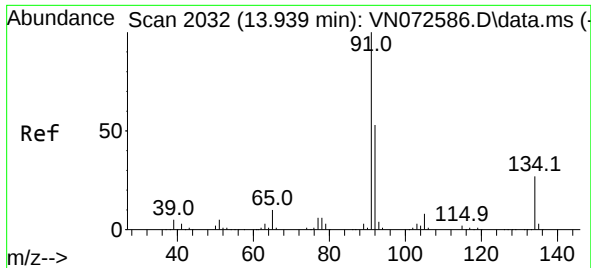
Tgt Ion:146 Resp: 13246
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.0 60.0
 148 61.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.669 ug/l
 RT: 13.686 min Scan# 1989
 Delta R.T. -0.000 min
 Lab File: VN072583.D
 Acq: 24 May 2022 13:03

Tgt Ion:146 Resp: 13368
 Ion Ratio Lower Upper
 146 100
 111 44.0 19.1 57.1
 148 66.0 31.4 94.3

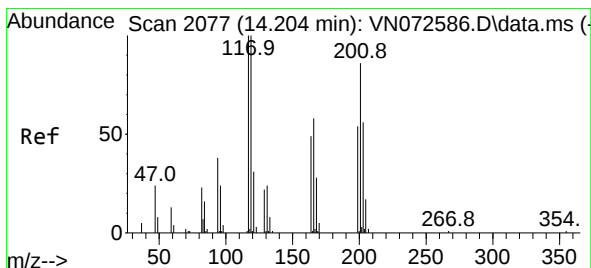
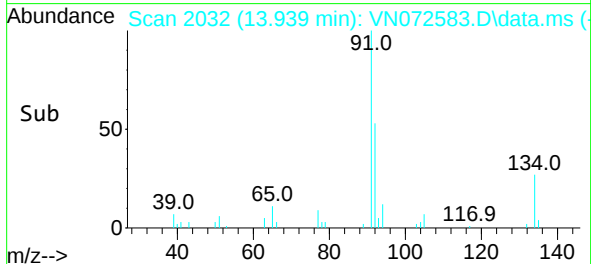
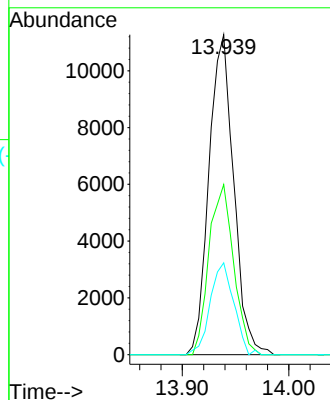
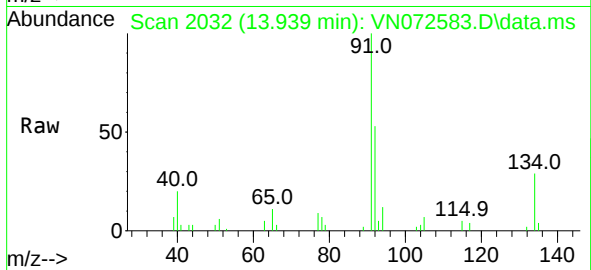




#89
n-Butylbenzene
Concen: 5.263 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

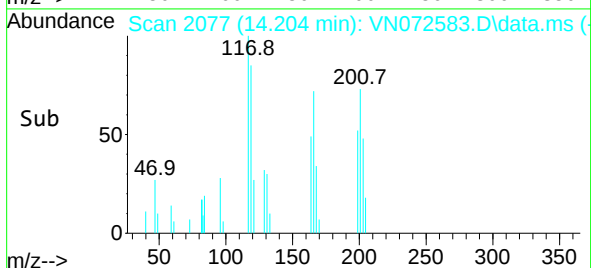
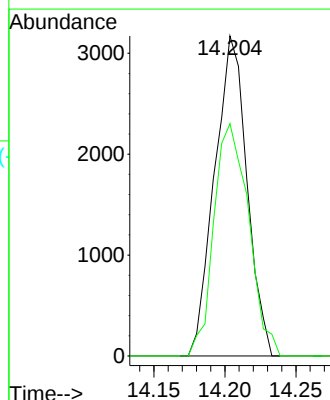
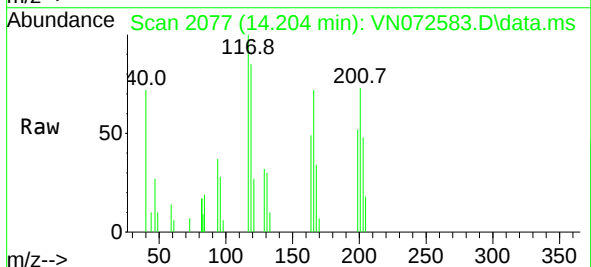
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

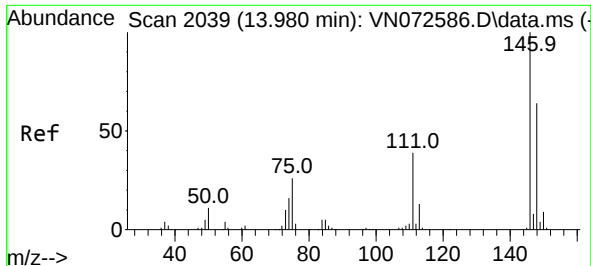
Tgt Ion:	91	Resp:	18137
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.7
134	27.5	13.6	40.8



#90
Hexachloroethane
Concen: 6.183 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion:	117	Resp:	5022
Ion	Ratio	Lower	Upper
117	100		
201	78.0	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 5.200 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

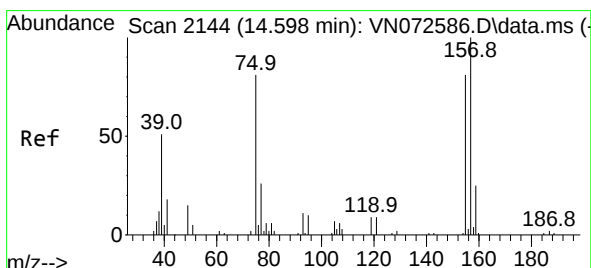
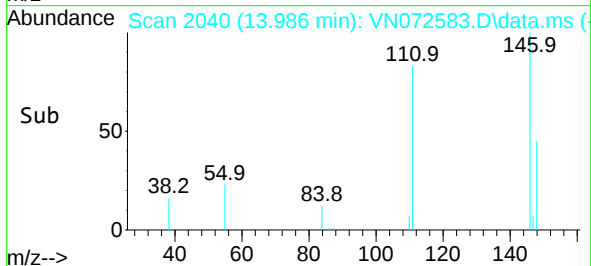
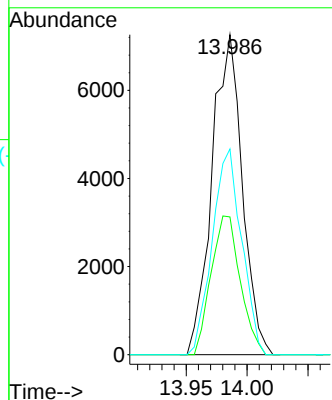
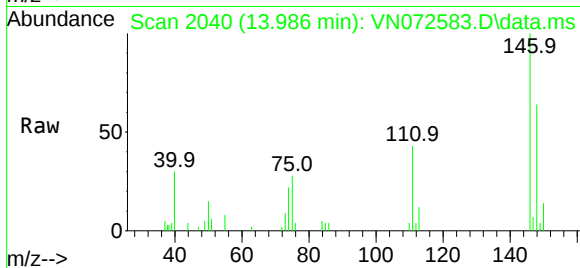
Tgt Ion:146 Resp: 12559

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

148 62.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.697 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

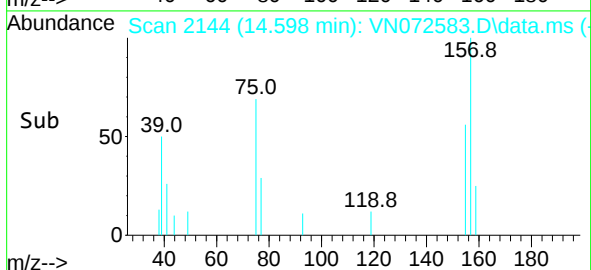
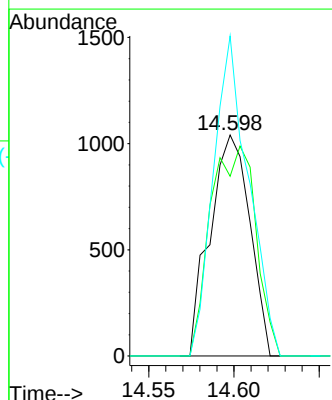
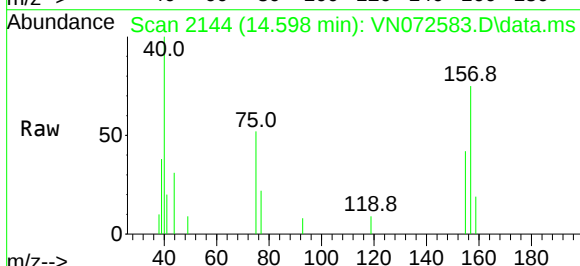
Tgt Ion: 75 Resp: 1694

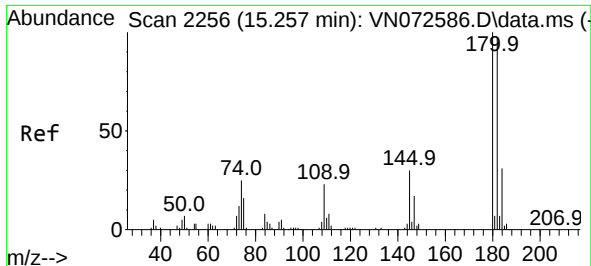
Ion Ratio Lower Upper

75 100

155 107.6 44.9 134.5

157 127.7 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 5.803 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

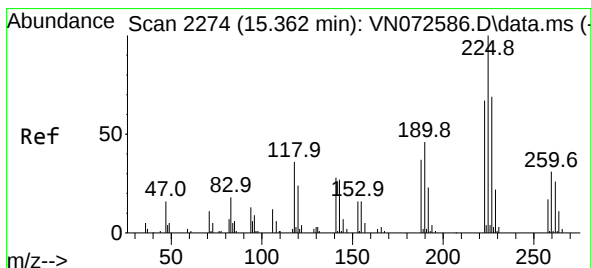
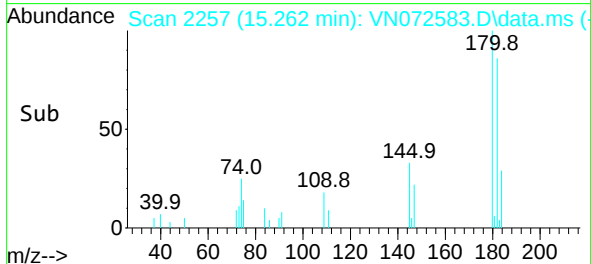
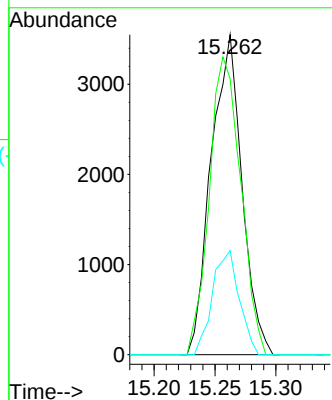
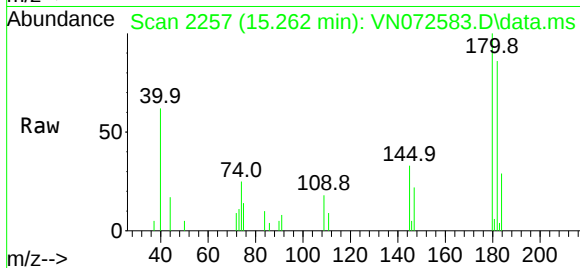
Tgt Ion:180 Resp: 6256

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 28.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 6.097 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN072583.D

Acq: 24 May 2022 13:03

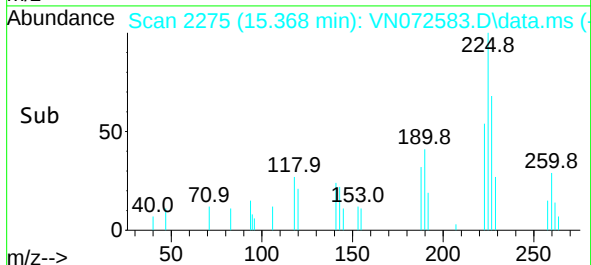
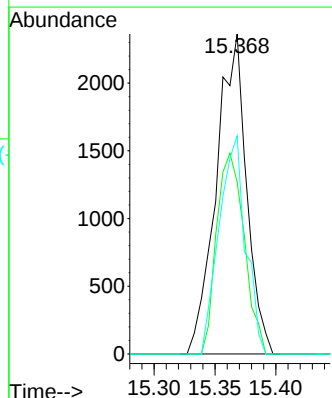
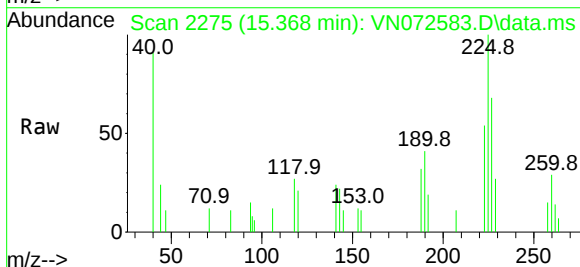
Tgt Ion:225 Resp: 4084

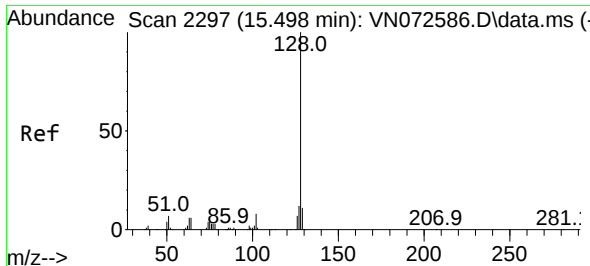
Ion Ratio Lower Upper

225 100

223 57.3 32.4 97.2

227 59.5 31.8 95.4

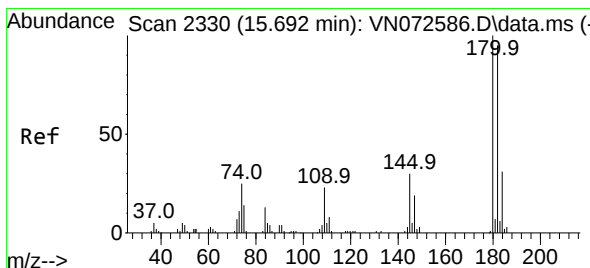
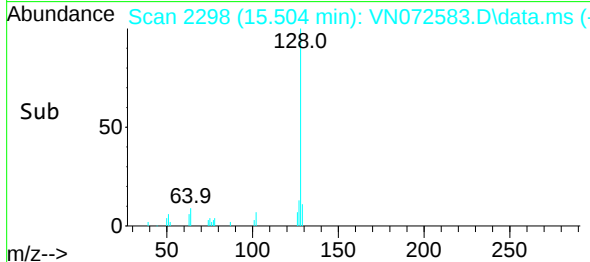
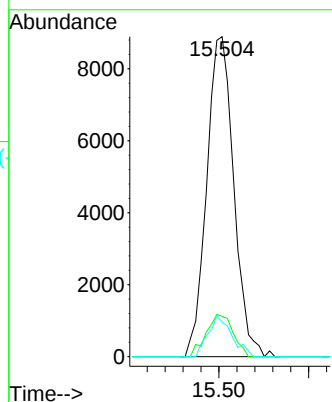
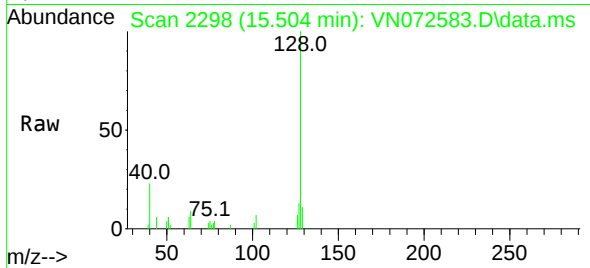




#95
Naphthalene
Concen: 5.792 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 6.114 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072583.D
Acq: 24 May 2022 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.8	143.3
145	30.6	15.5	46.5

