

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074201.D
 Acq On : 31 Aug 2022 06:17
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 31 07:13:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	191286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	359954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	334775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	158450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	164597	55.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.940%	
35) Dibromofluoromethane	7.951	113	120532	51.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.920%	
50) Toluene-d8	10.380	98	498335	54.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.040%	
62) 4-Bromofluorobenzene	12.669	95	165850	59.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	100341	50.696	ug/l	98
3) Chloromethane	2.269	50	160144	57.443	ug/l	99
4) Vinyl Chloride	2.405	62	161585	58.329	ug/l	95
5) Bromomethane	2.787	94	78916	52.105	ug/l	94
6) Chloroethane	2.957	64	109783	60.591	ug/l	96
7) Trichlorofluoromethane	3.310	101	191789	45.288	ug/l	96
8) Diethyl Ether	3.763	74	86128	47.823	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.146	101	108291	44.776	ug/l	92
10) Methyl Iodide	4.346	142	111765	57.255	ug/l	91
11) Tert butyl alcohol	5.287	59	190676	287.109	ug/l	99
12) 1,1-Dichloroethene	4.110	96	108061	48.183	ug/l	85
13) Acrolein	3.987	56	162011	246.988	ug/l	97
14) Allyl chloride	4.757	41	252493	50.486	ug/l #	91
15) Acrylonitrile	5.475	53	555350	259.063	ug/l	99
16) Acetone	4.222	43	497438	250.877	ug/l	94
17) Carbon Disulfide	4.457	76	316278	49.552	ug/l	100
18) Methyl Acetate	4.775	43	288070	57.683	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	438019	52.800	ug/l	94
20) Methylene Chloride	5.010	84	143030	53.933	ug/l #	84
21) trans-1,2-Dichloroethene	5.510	96	120475	46.542	ug/l	94
22) Diisopropyl ether	6.410	45	558390	54.800	ug/l #	94
23) Vinyl Acetate	6.351	43	2446212	284.340	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	264066	52.532	ug/l	98
25) 2-Butanone	7.257	43	837438	264.017	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	88760	27.503	ug/l	95
27) cis-1,2-Dichloroethene	7.251	96	148073	51.215	ug/l	97
28) Bromochloromethane	7.587	49	98708	59.102	ug/l #	66
29) Tetrahydrofuran	7.610	42	571401	282.865	ug/l #	85
30) Chloroform	7.745	83	263292	51.381	ug/l	89
31) Cyclohexane	8.022	56	262984	53.640	ug/l	85
32) 1,1,1-Trichloroethane	7.939	97	207601	52.678	ug/l	95
36) 1,1-Dichloropropene	8.151	75	191653	50.429	ug/l	96
37) Ethyl Acetate	7.340	43	317412	49.941	ug/l #	94
38) Carbon Tetrachloride	8.134	117	172094	49.719	ug/l	95
39) Methylcyclohexane	9.392	83	218728	49.028	ug/l	92
40) Benzene	8.392	78	621688	52.098	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	163426	55.705	ug/l #	75
42) 1,2-Dichloroethane	8.463	62	204195	48.084	ug/l	99
43) Isopropyl Acetate	8.498	43	470354	55.050	ug/l #	90
44) Trichloroethene	9.151	130	131281	49.233	ug/l	91
45) 1,2-Dichloropropane	9.428	63	171560	53.249	ug/l	100
46) Dibromomethane	9.516	93	102456	47.614	ug/l	89
47) Bromodichloromethane	9.698	83	202181	47.947	ug/l #	96
48) Methyl methacrylate	9.498	41	203721	50.195	ug/l	90
49) 1,4-Dioxane	9.510	88	83285	951.160	ug/l #	86
51) 4-Methyl-2-Pentanone	10.269	43	1648415	265.831	ug/l	89
52) Toluene	10.445	92	380262	54.064	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	191202	47.823	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	215911	48.237	ug/l #	86
55) 1,1,2-Trichloroethane	10.839	97	149480	49.132	ug/l	94
56) Ethyl methacrylate	10.704	69	253882	55.054	ug/l #	80
57) 1,3-Dichloropropane	10.986	76	268338	50.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	631847	270.854	ug/l	90
59) 2-Hexanone	11.028	43	1271781	270.257	ug/l	88
60) Dibromochloromethane	11.180	129	147966	51.924	ug/l	98
61) 1,2-Dibromoethane	11.286	107	154921	53.290	ug/l	99
64) Tetrachloroethene	10.916	164	110904	45.736	ug/l	91
65) Chlorobenzene	11.710	112	376827	50.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	135398	50.568	ug/l	98
67) Ethyl Benzene	11.786	91	721878	53.398	ug/l	99
68) m/p-Xylenes	11.892	106	537776	107.082	ug/l	95
69) o-Xylene	12.222	106	264701	52.897	ug/l	97
70) Styrene	12.233	104	449043	56.325	ug/l	99
71) Bromoform	12.398	173	108368	47.782	ug/l #	98
73) Isopropylbenzene	12.516	105	693152	51.081	ug/l	97
74) N-amyl acetate	12.327	43	390275	50.834	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	261560	46.479	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	303816	81.766	ug/l #	1
77) Bromobenzene	12.798	156	154200	48.580	ug/l	85
78) n-propylbenzene	12.857	91	828268	53.548	ug/l	96
79) 2-Chlorotoluene	12.945	91	481835	50.857	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	581090	52.655	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	63046	41.300	ug/l	90
82) 4-Chlorotoluene	13.045	91	459539	50.127	ug/l	99
83) tert-Butylbenzene	13.263	119	493976	52.327	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	565916	53.133	ug/l	99
85) sec-Butylbenzene	13.439	105	720656	54.421	ug/l	98
86) p-Isopropyltoluene	13.557	119	577860	56.081	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	290603	51.359	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	281773	48.136	ug/l	99
89) n-Butylbenzene	13.880	91	493193	54.958	ug/l	96
90) Hexachloroethane	14.151	117	105052	49.453	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	294807	49.426	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	54687	48.620	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	150223	51.489	ug/l	99
94) Hexachlorobutadiene	15.298	225	62404	43.494	ug/l	97
95) Naphthalene	15.433	128	599520	49.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	157780	52.204	ug/l	96

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QLast Update : Wed Aug 31 07:02:40 2022
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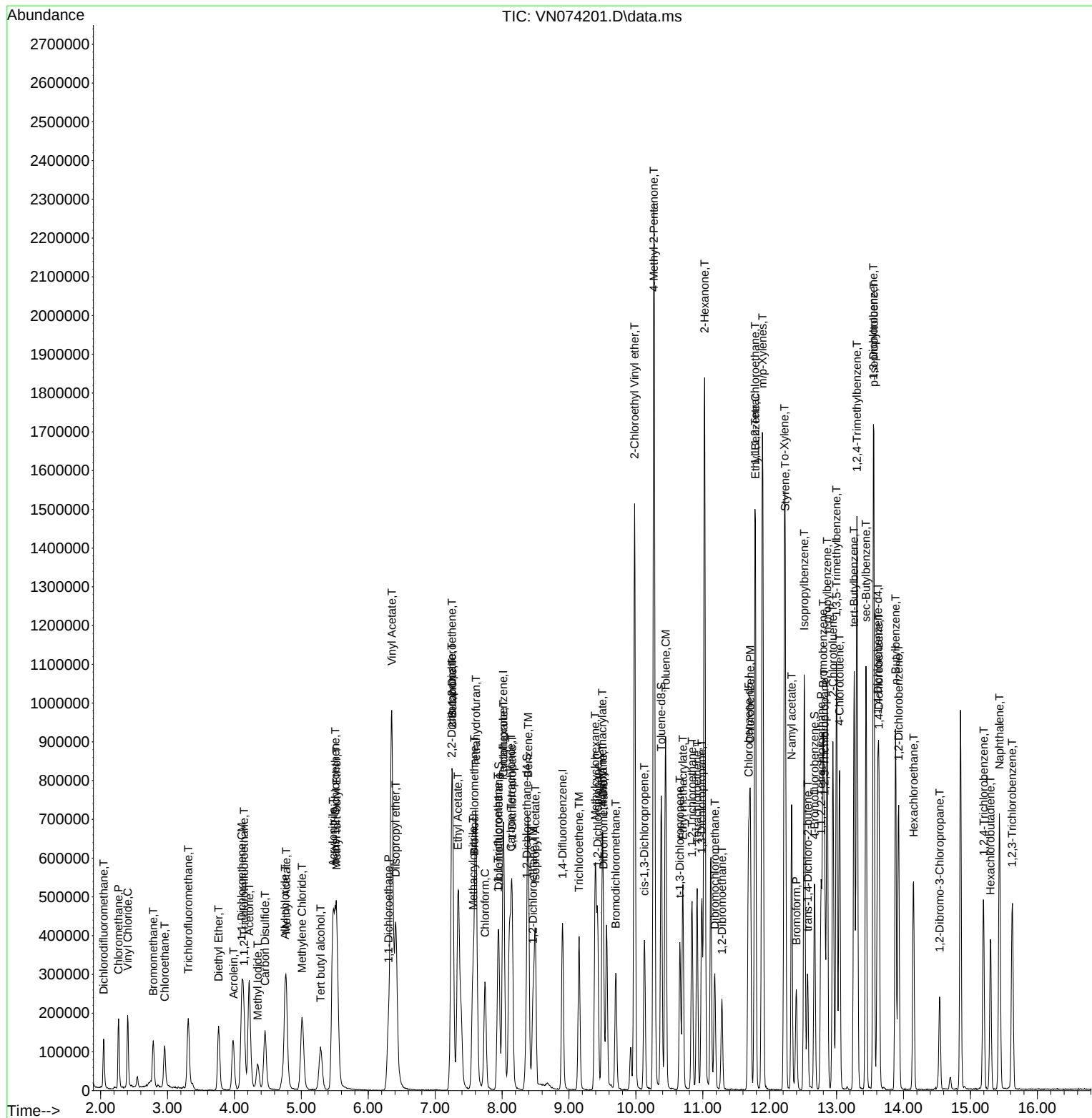
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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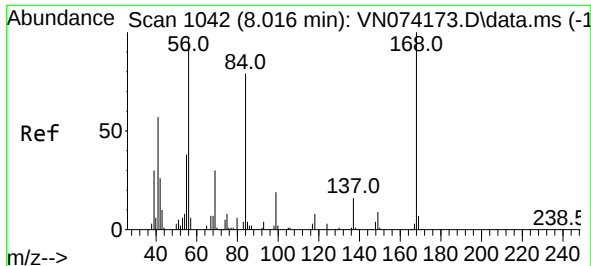
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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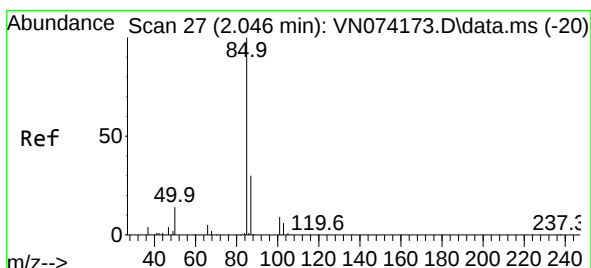
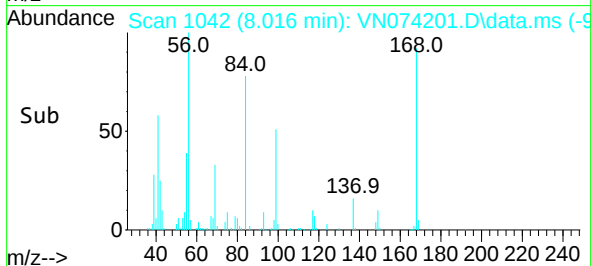
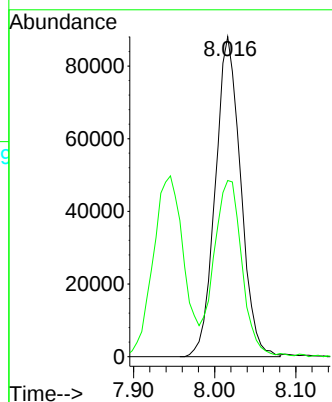
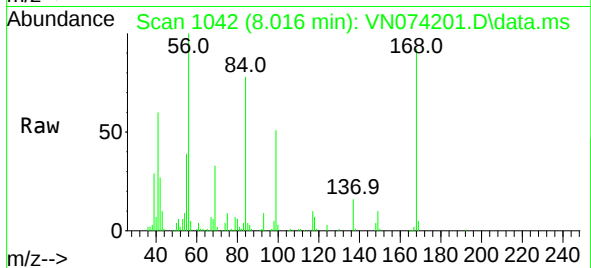




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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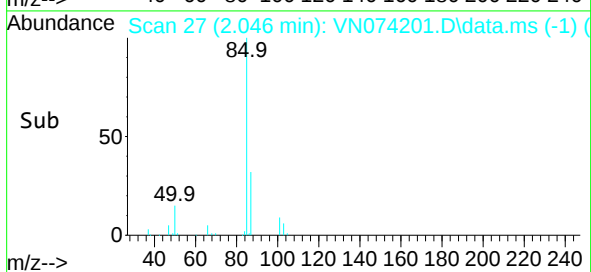
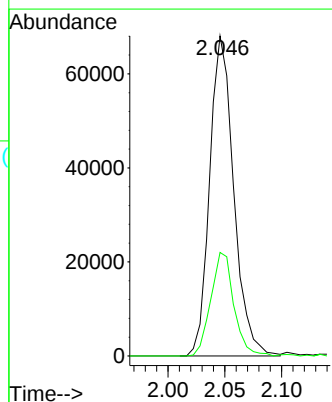
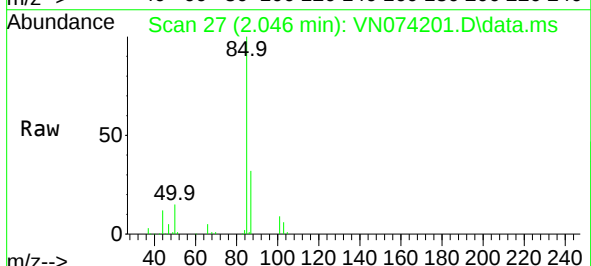
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

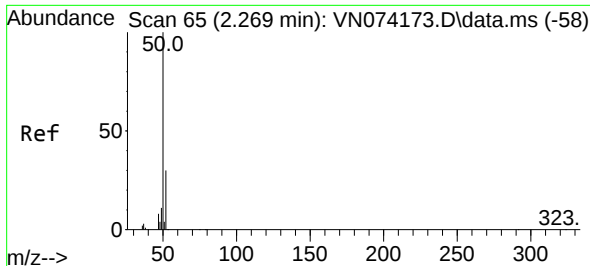
Tgt Ion:168 Resp: 191286
Ion Ratio Lower Upper
168 100
99 54.1 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 50.696 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 85 Resp: 100341
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1

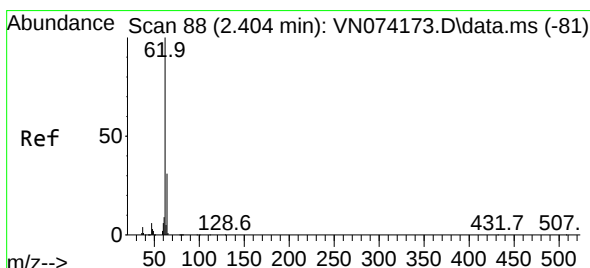
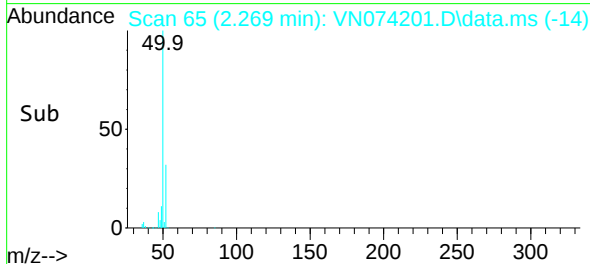
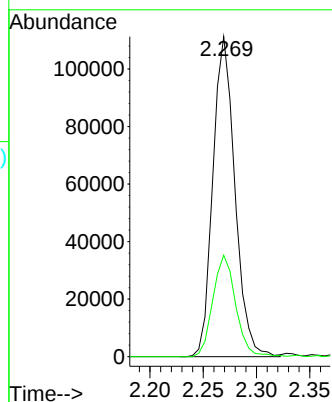
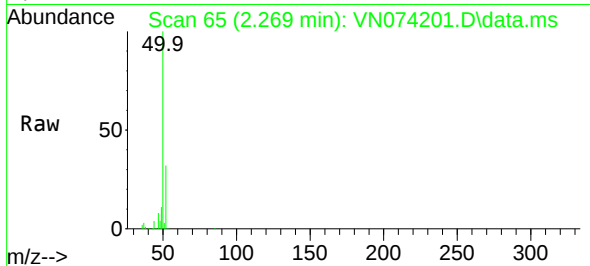




#3
Chloromethane
Concen: 57.443 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

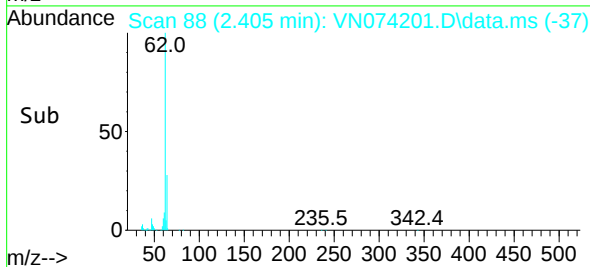
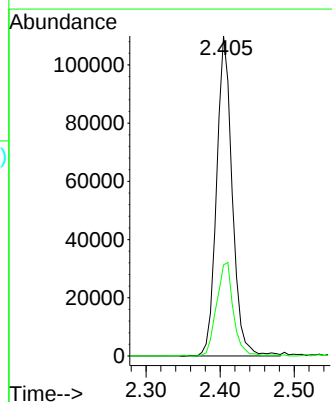
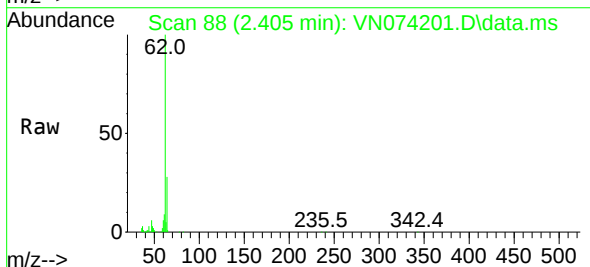
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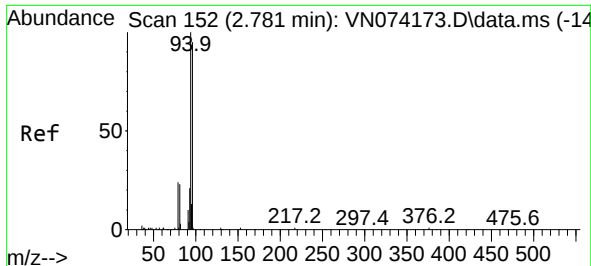
Tgt Ion: 50 Resp: 160144
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5



#4
Vinyl Chloride
Concen: 58.329 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 62 Resp: 161585
Ion Ratio Lower Upper
62 100
64 28.3 25.0 37.4

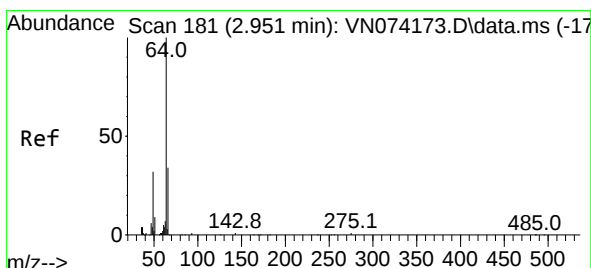
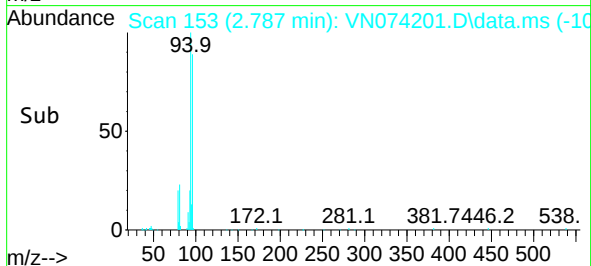
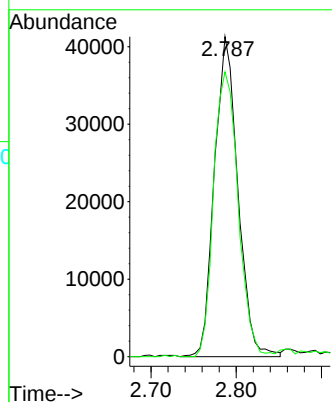
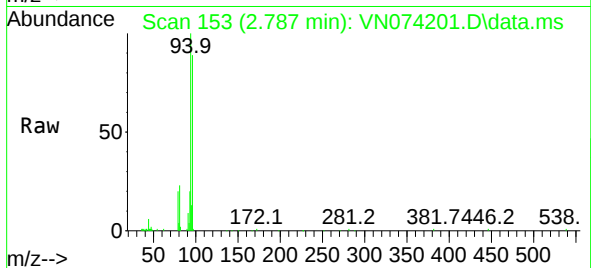




#5
Bromomethane
Concen: 52.105 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074201.D
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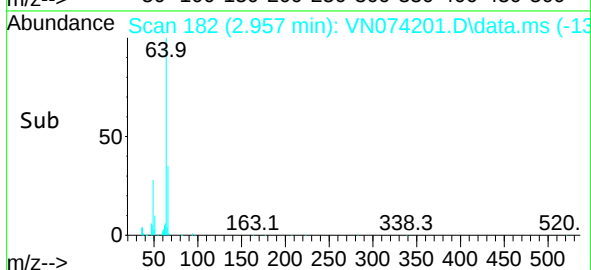
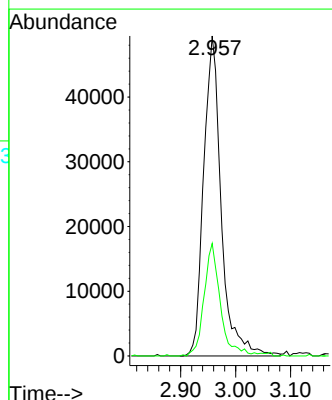
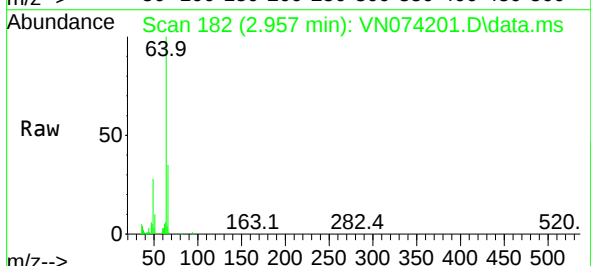
Instrument :
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Tgt Ion: 94 Resp: 78916
Ion Ratio Lower Upper
94 100
96 89.0 76.0 114.0



#6
Chloroethane
Concen: 60.591 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 64 Resp: 109783
Ion Ratio Lower Upper
64 100
66 35.2 26.2 39.4

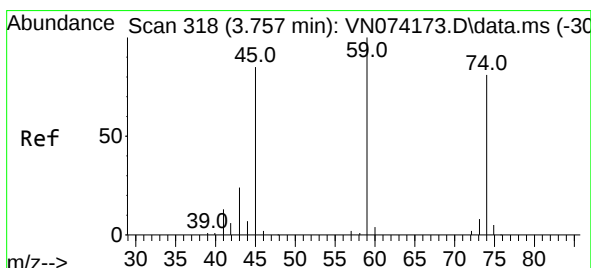
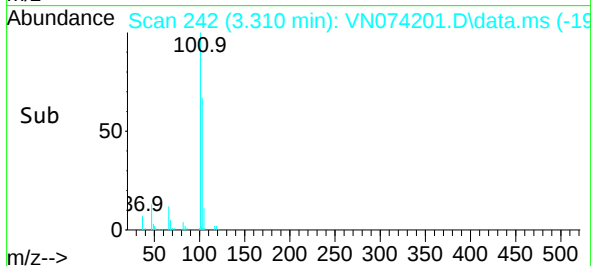
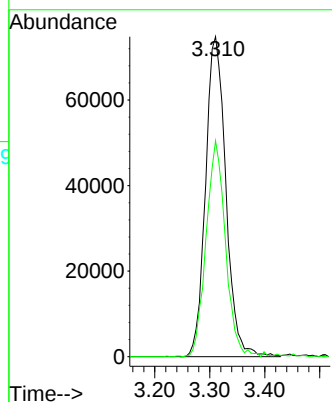
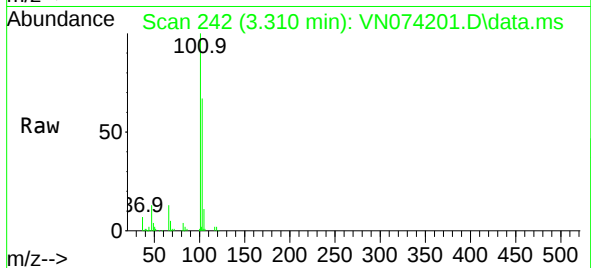




#7
 Trichlorofluoromethane
 Concen: 45.288 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074201.D
 Acq: 31 Aug 2022 06:17

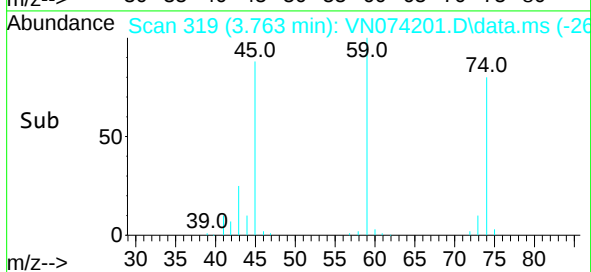
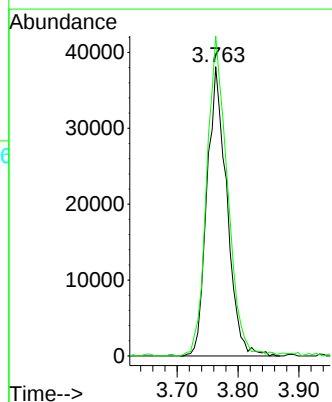
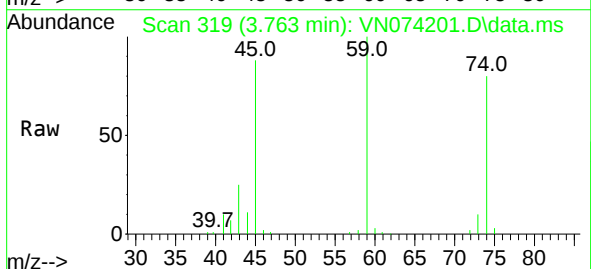
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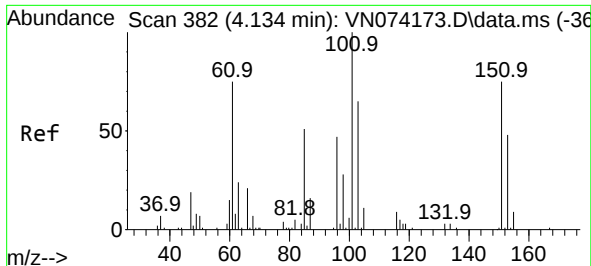
Tgt Ion:101 Resp: 191789
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.823 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 86128
 Ion Ratio Lower Upper
 74 100
 45 115.7 42.9 128.5

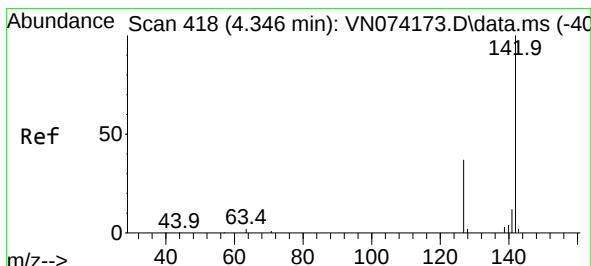
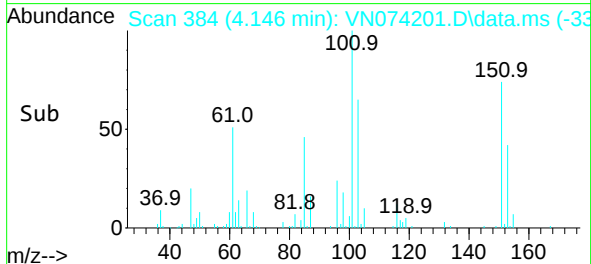
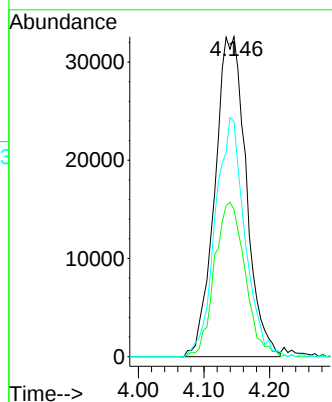
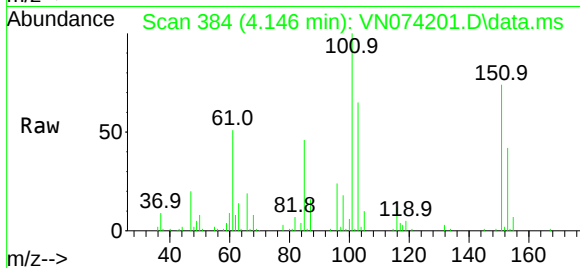




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.776 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

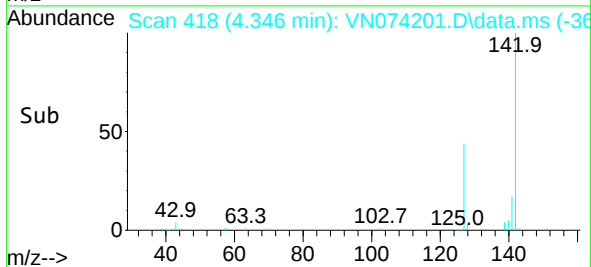
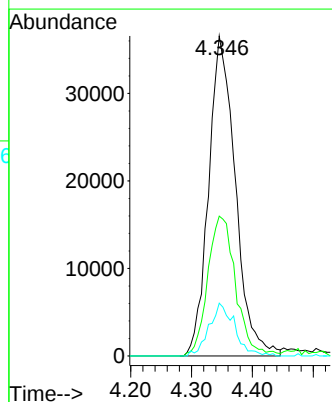
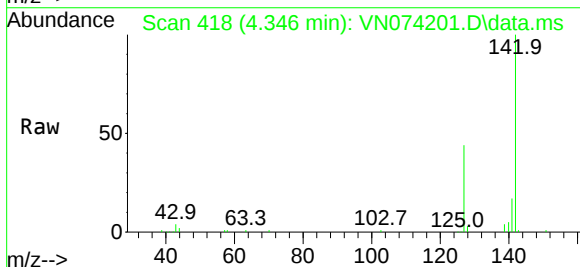
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

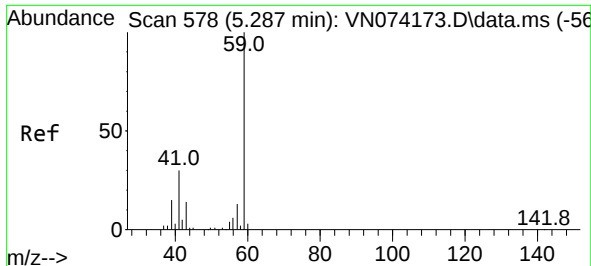
Tgt Ion:101 Resp: 108291
Ion Ratio Lower Upper
101 100
85 47.0 34.7 52.1
151 70.5 63.0 94.4



#10
Methyl Iodide
Concen: 57.255 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion:142 Resp: 111765
Ion Ratio Lower Upper
142 100
127 45.6 31.3 46.9
141 15.8 11.2 16.8

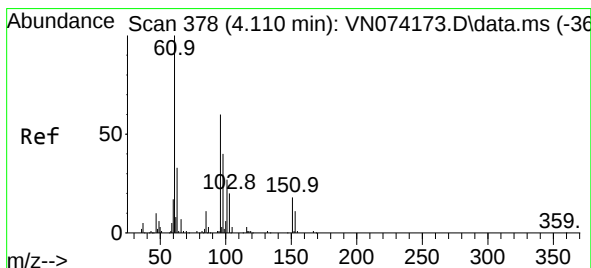
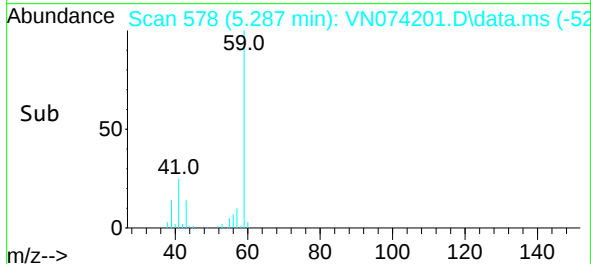
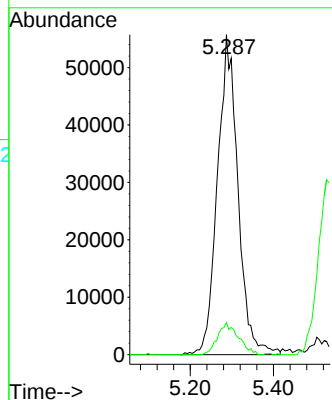
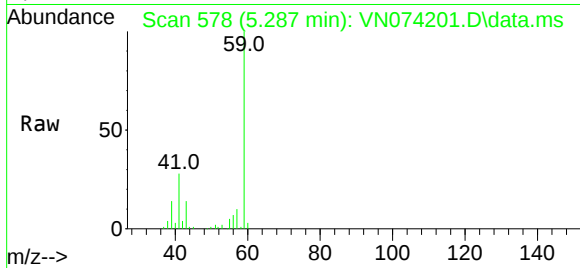




#11
Tert butyl alcohol
Concen: 287.109 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

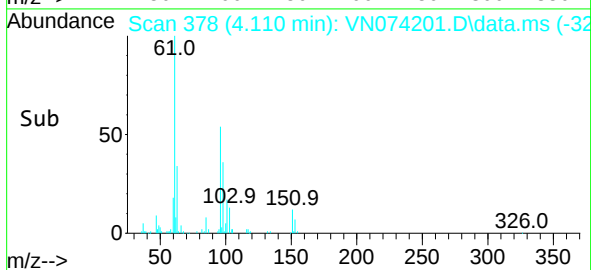
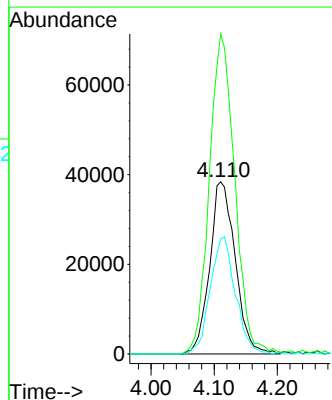
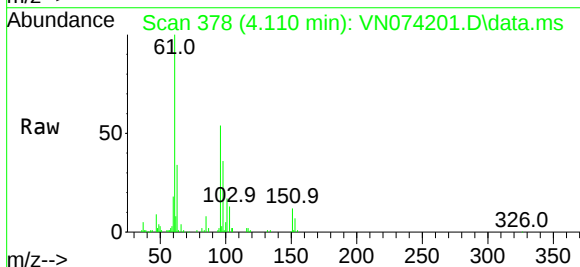
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

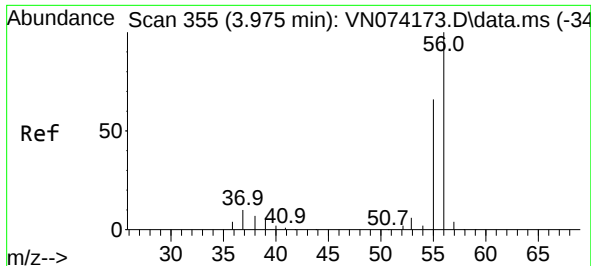
Tgt Ion: 59 Resp: 190676
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.183 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 96 Resp: 108061
Ion Ratio Lower Upper
96 100
61 185.8 127.6 191.4
98 66.9 51.2 76.8

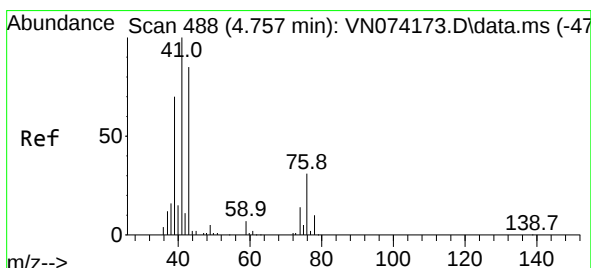
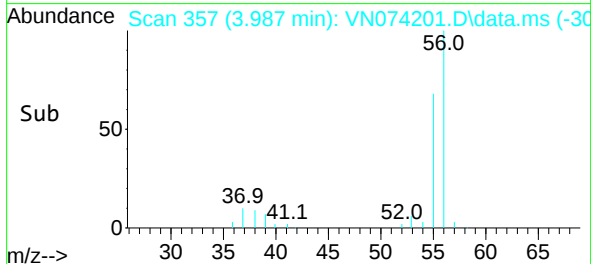
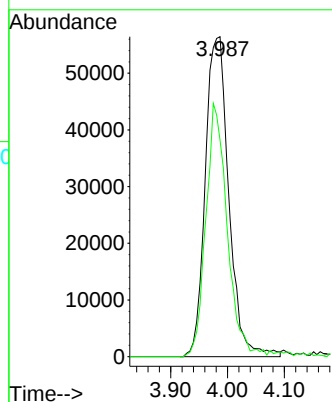
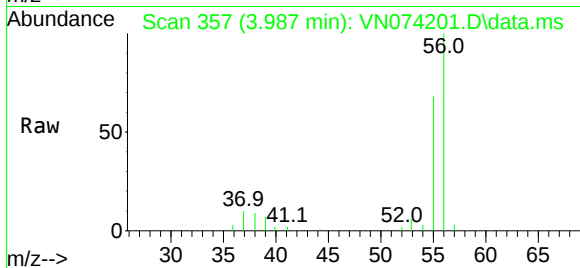




#13
Acrolein
Concen: 246.988 ug/l
RT: 3.987 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

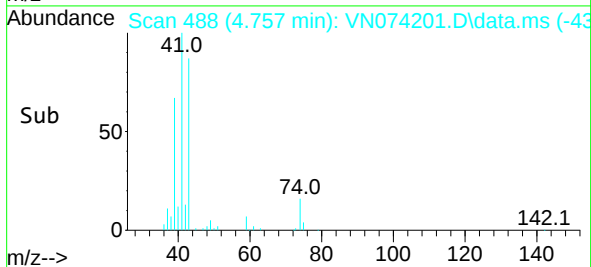
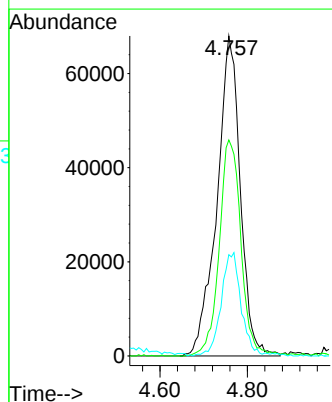
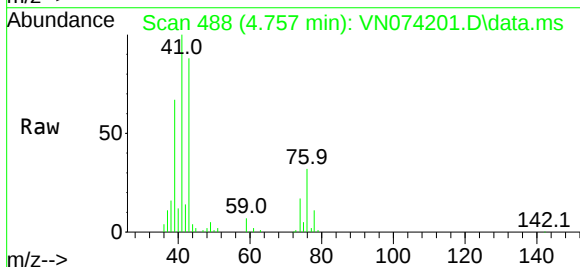
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

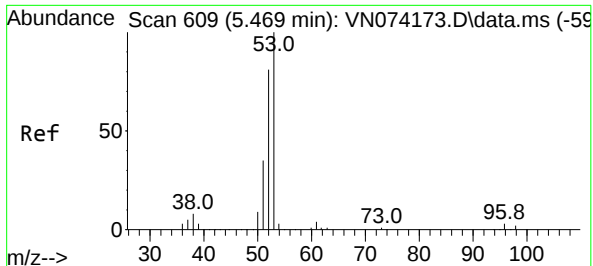
Tgt Ion: 56 Resp: 162011
Ion Ratio Lower Upper
56 100
55 70.9 54.8 82.2



#14
Allyl chloride
Concen: 50.486 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 41 Resp: 252493
Ion Ratio Lower Upper
41 100
39 62.7 53.2 79.8
76 27.4 29.9 44.9#

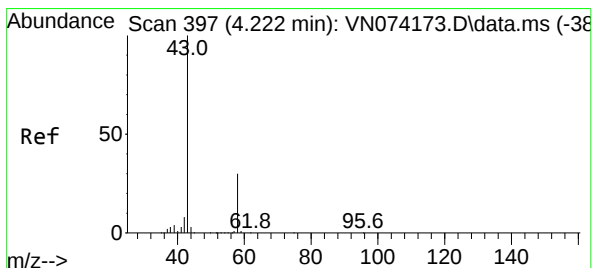
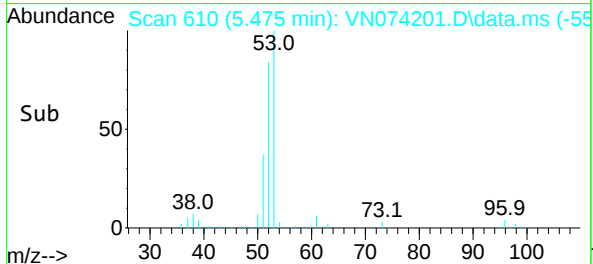
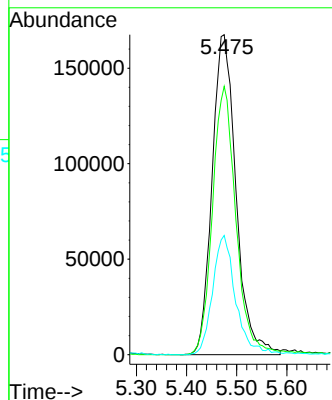
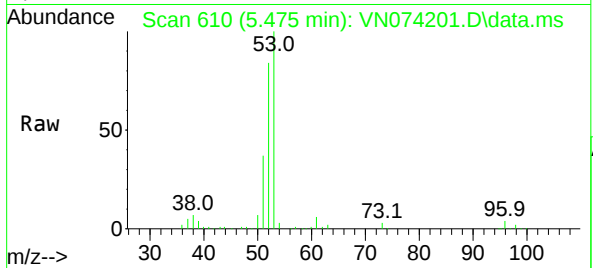




#15
Acrylonitrile
Concen: 259.063 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

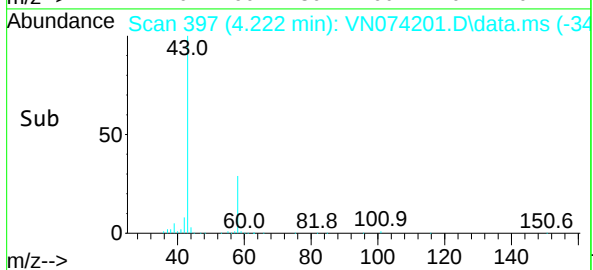
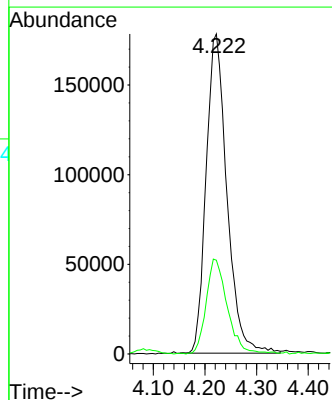
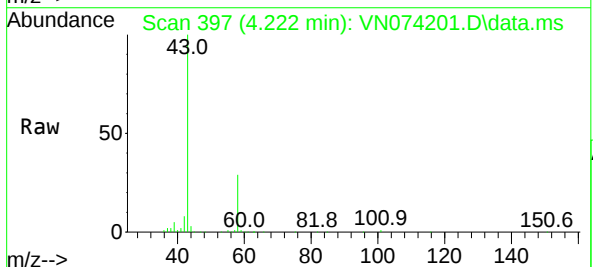
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

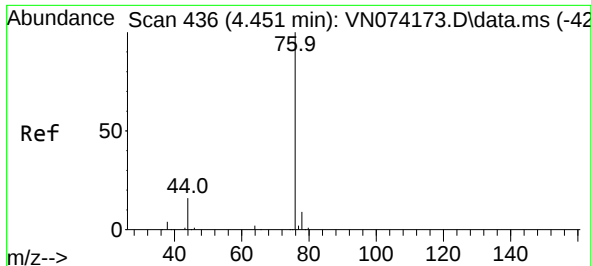
Tgt Ion: 53 Resp: 555350
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 35.9 28.5 42.7



#16
Acetone
Concen: 250.877 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 43 Resp: 497438
Ion Ratio Lower Upper
43 100
58 29.1 26.0 39.0

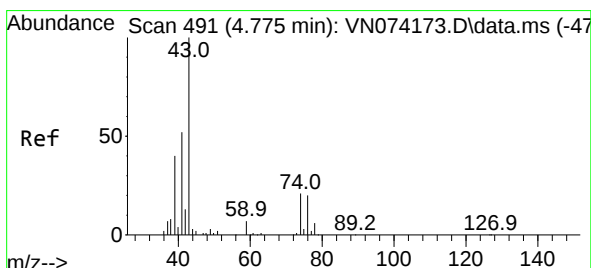
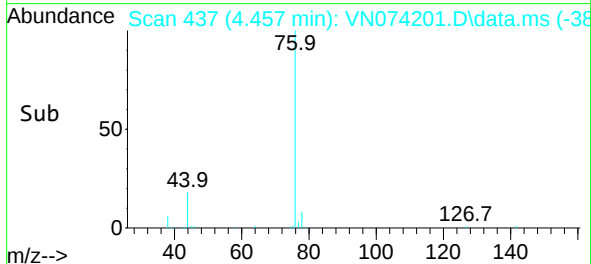
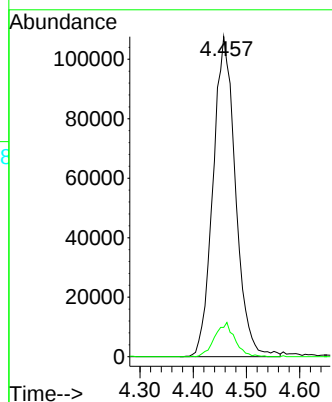
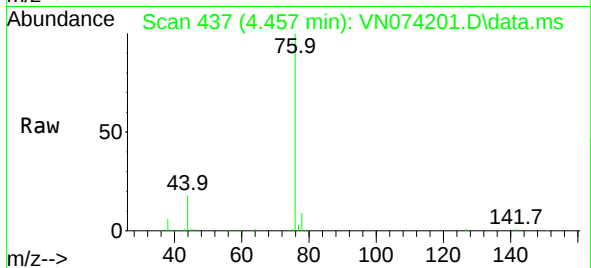




#17
Carbon Disulfide
Concen: 49.552 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

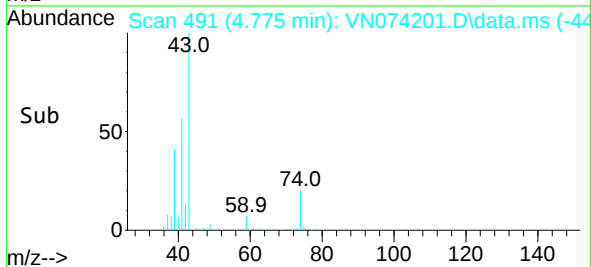
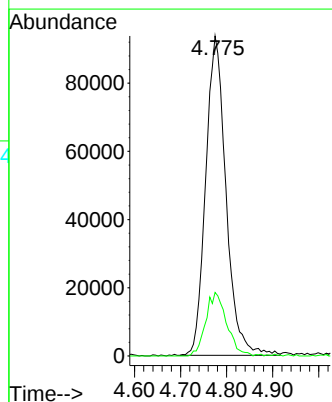
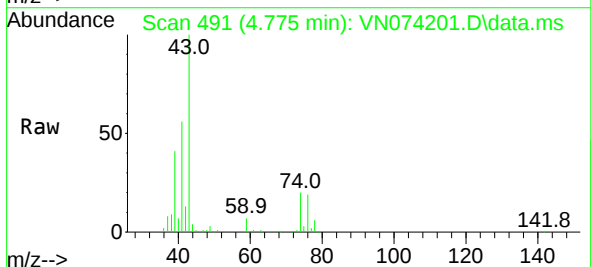
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

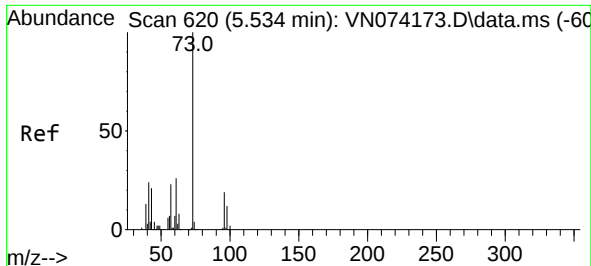
Tgt Ion: 76 Resp: 316278
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

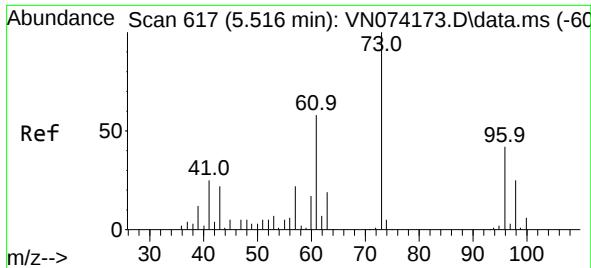


#18
Methyl Acetate
Concen: 57.683 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 43 Resp: 288070
Ion Ratio Lower Upper
43 100
74 20.4 21.6 32.4#



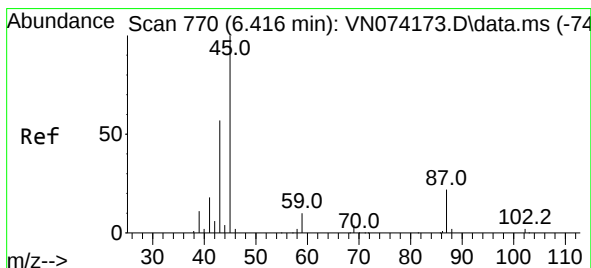
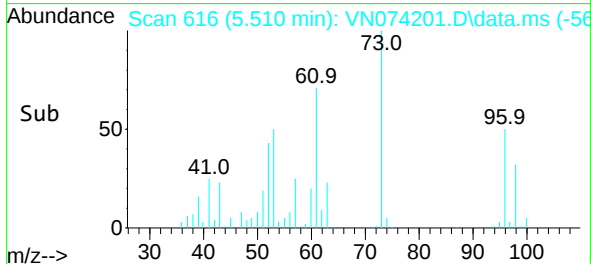
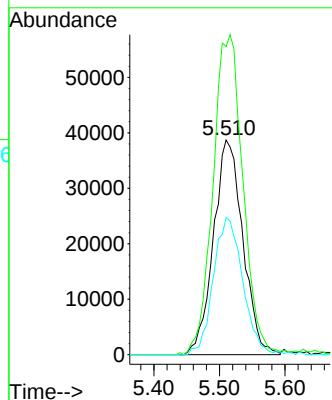
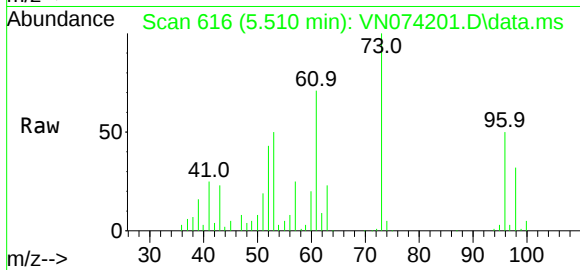




#21
trans-1,2-Dichloroethene
Concen: 46.542 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

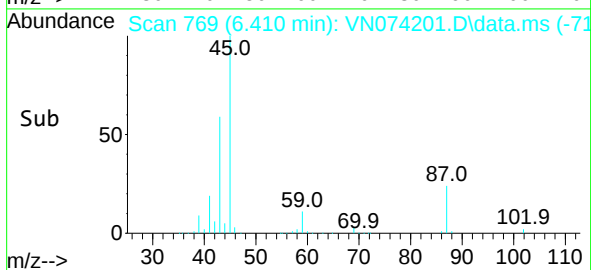
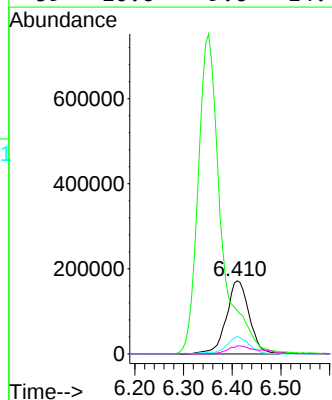
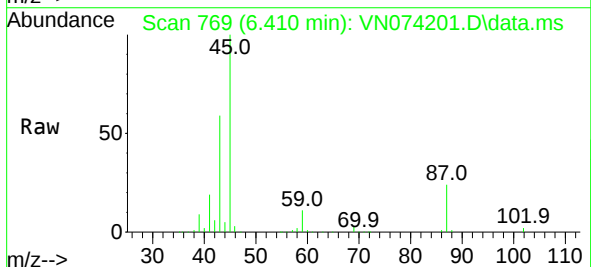
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

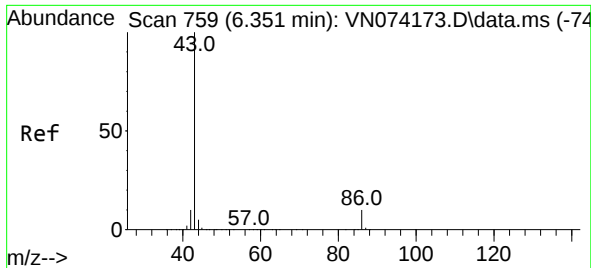
Tgt Ion: 96 Resp: 120475
Ion Ratio Lower Upper
96 100
61 142.5 105.8 158.8
98 63.8 50.3 75.5



#22
Diisopropyl ether
Concen: 54.800 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 45 Resp: 558390
Ion Ratio Lower Upper
45 100
43 56.5 46.6 70.0
87 23.4 24.3 36.5#
59 10.6 9.6 14.4

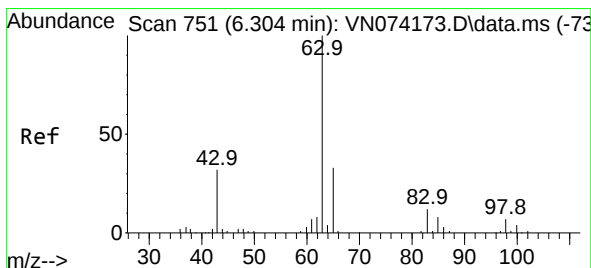
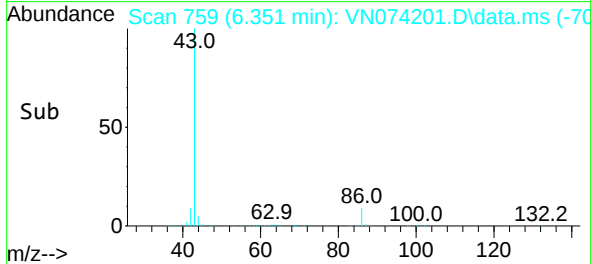
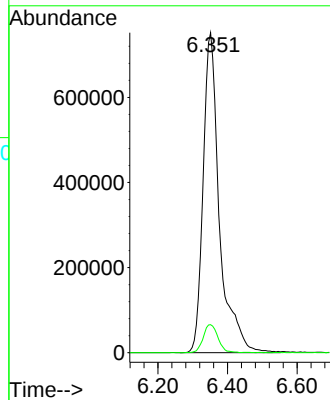
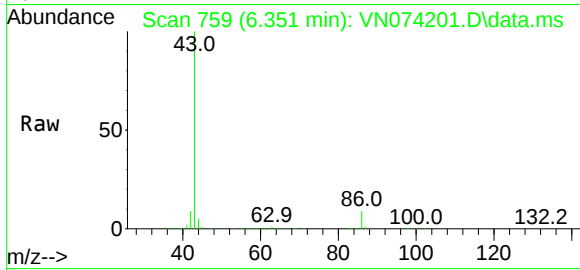




#23
 Vinyl Acetate
 Concen: 284.340 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN074201.D
 Acq: 31 Aug 2022 06:17

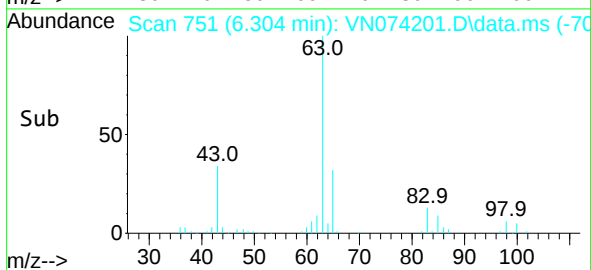
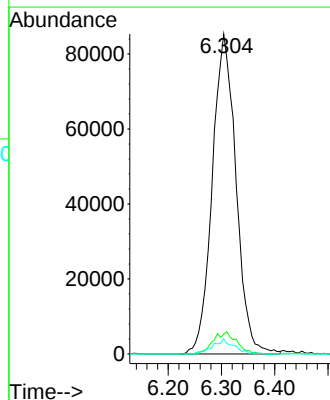
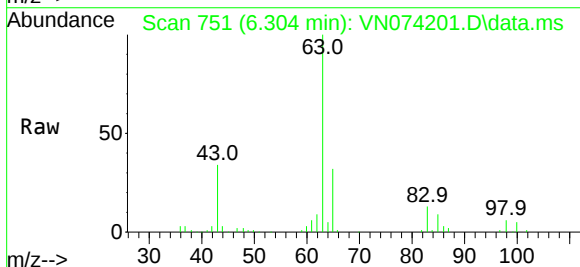
Instrument :
 MSVOA_N
 ClientSampleId :
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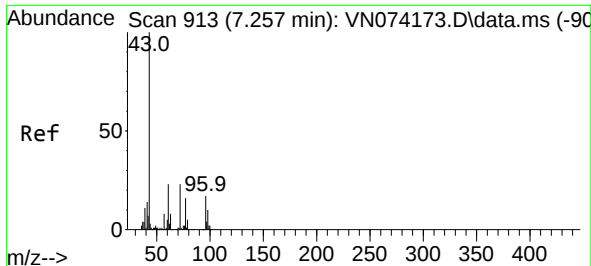
Tgt Ion: 43 Resp: 2446212
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 52.532 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074201.D
 Acq: 31 Aug 2022 06:17

Tgt Ion: 63 Resp: 264066
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.7 2.3 6.8

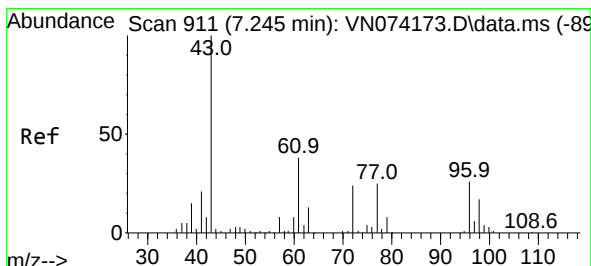
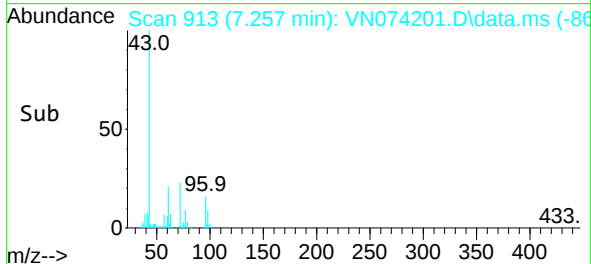
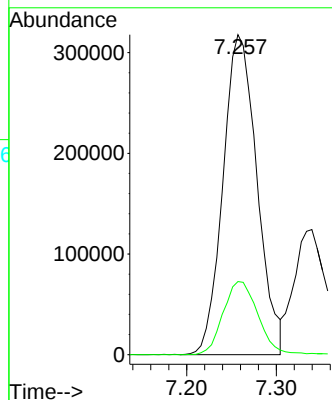
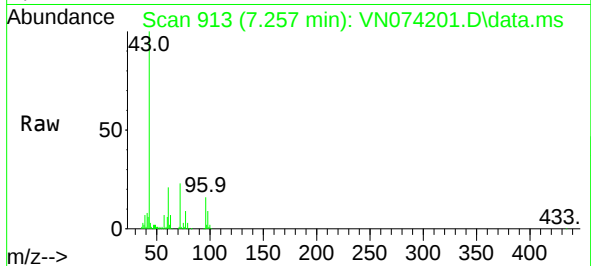




#25
2-Butanone
Concen: 264.017 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

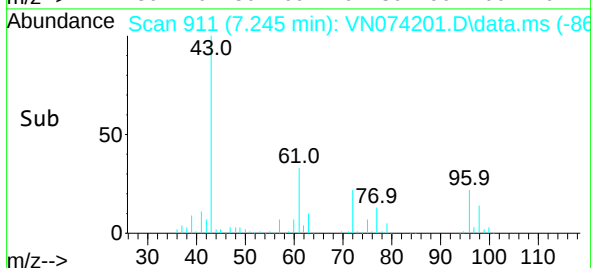
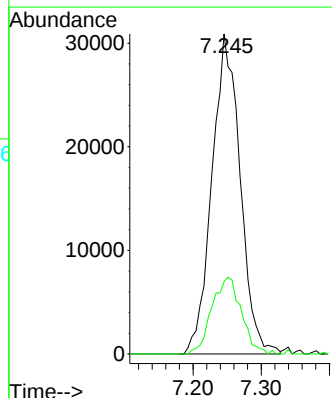
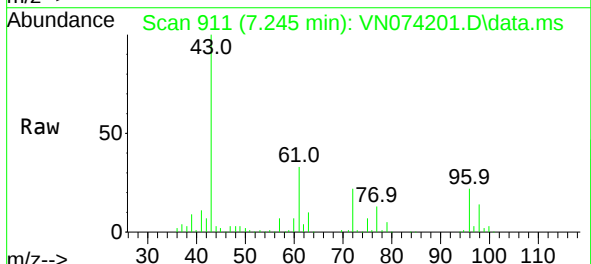
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

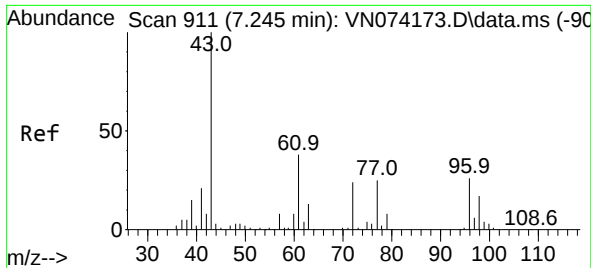
Tgt Ion: 43 Resp: 837438
Ion Ratio Lower Upper
43 100
72 22.9 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 27.503 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 77 Resp: 88760
Ion Ratio Lower Upper
77 100
97 25.1 11.4 34.2

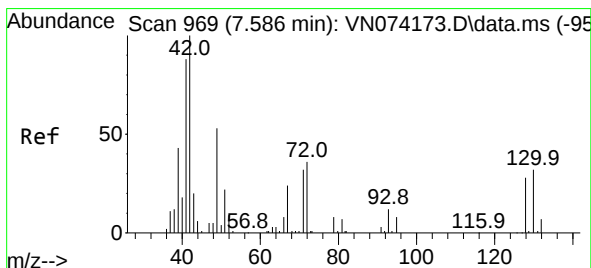
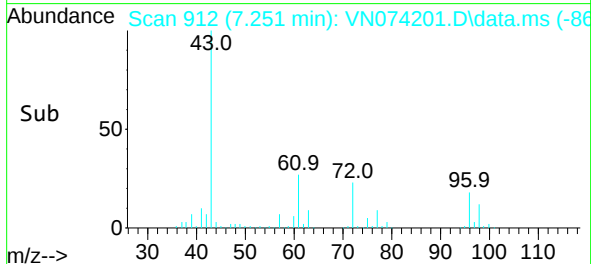
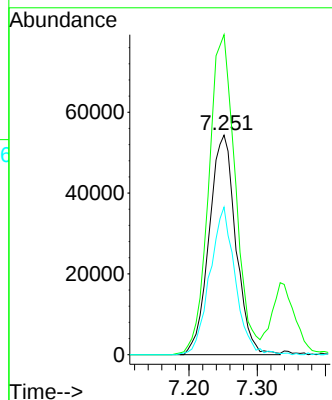
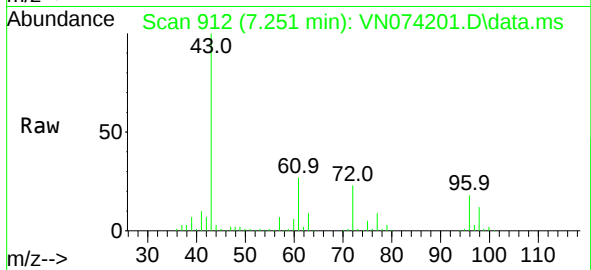




#27
 cis-1,2-Dichloroethene
 Concen: 51.215 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074201.D
 Acq: 31 Aug 2022 06:17

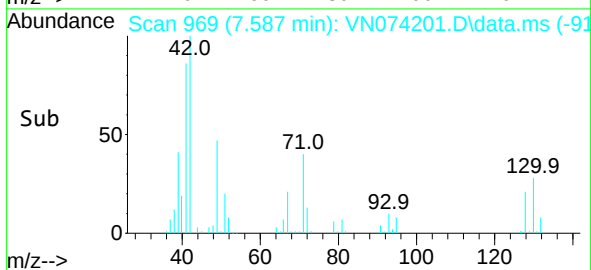
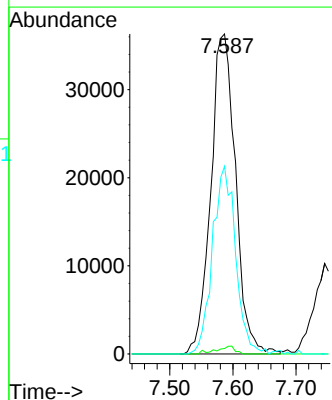
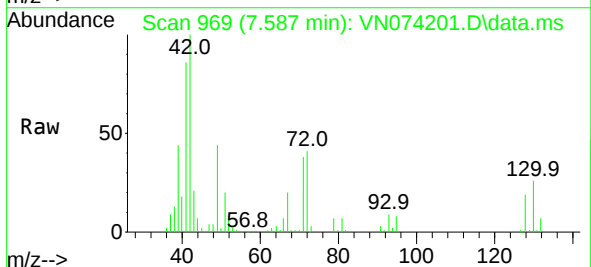
Instrument :
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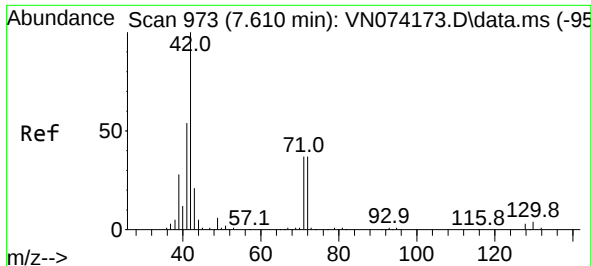
Tgt Ion: 96 Resp: 148073
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 280.6
 98 64.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 59.102 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.001 min
 Lab File: VN074201.D
 Acq: 31 Aug 2022 06:17

Tgt Ion: 49 Resp: 98708
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 54.7 69.7 104.5#





#29

Tetrahydrofuran

Concen: 282.865 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

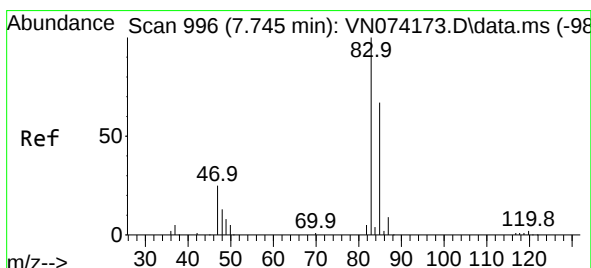
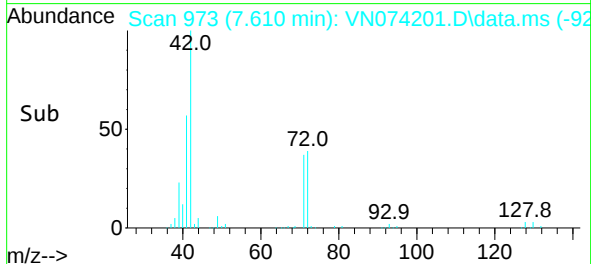
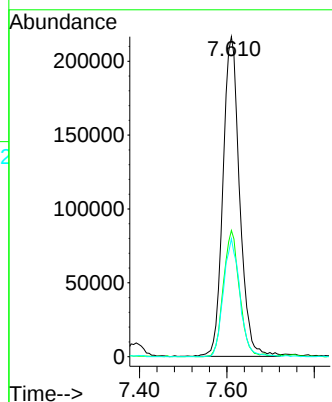
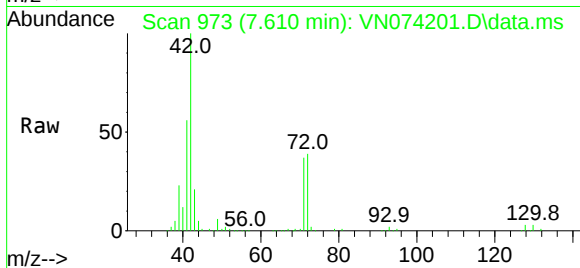
Tgt Ion: 42 Resp: 571401

Ion Ratio Lower Upper

42 100

72 38.3 39.7 59.5#

71 36.4 36.6 55.0#



#30

Chloroform

Concen: 51.381 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074201.D

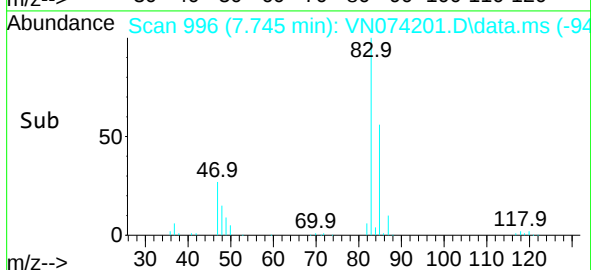
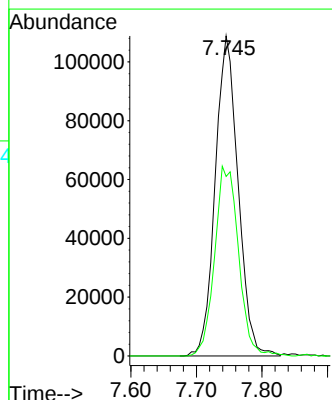
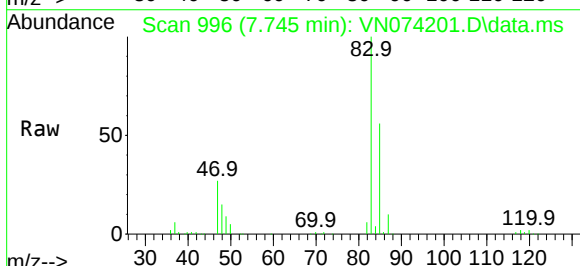
Acq: 31 Aug 2022 06:17

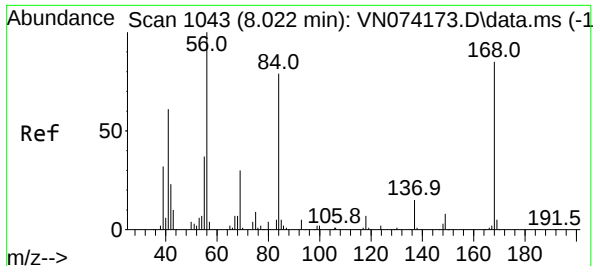
Tgt Ion: 83 Resp: 263292

Ion Ratio Lower Upper

83 100

85 56.1 51.8 77.8





#31

Cyclohexane

Concen: 53.640 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

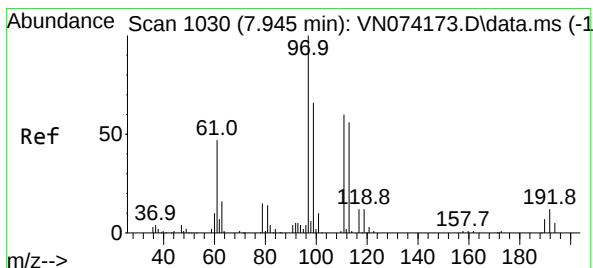
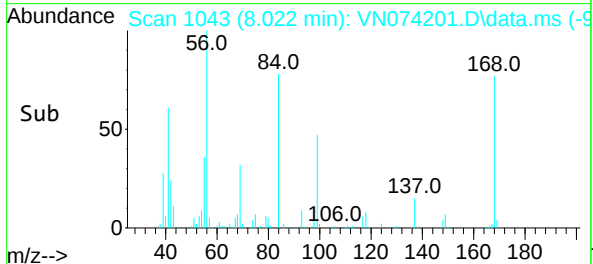
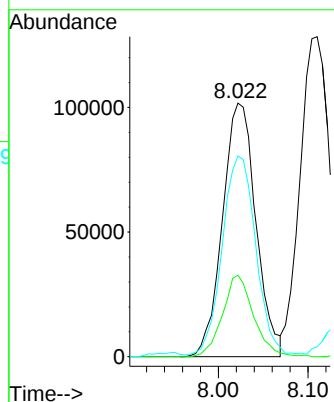
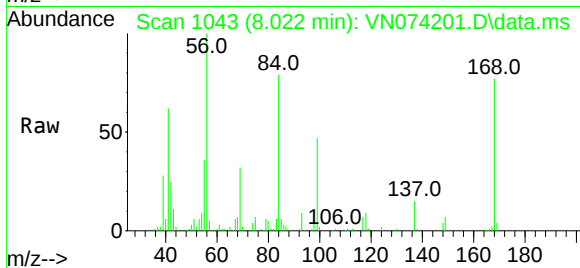
Tgt Ion: 56 Resp: 262984

Ion Ratio Lower Upper

56 100

69 32.1 27.8 41.8

84 78.2 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 52.678 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

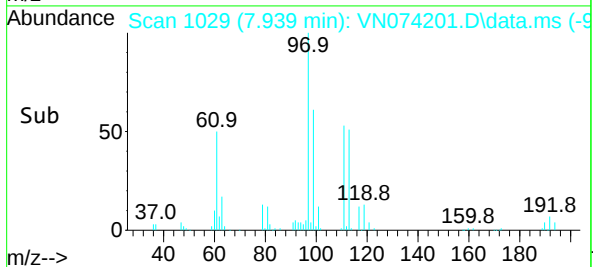
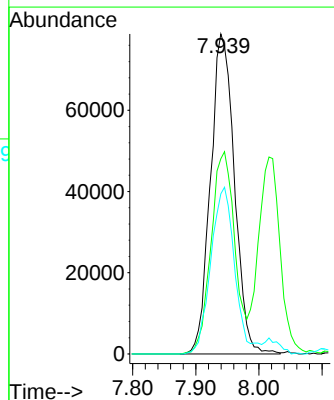
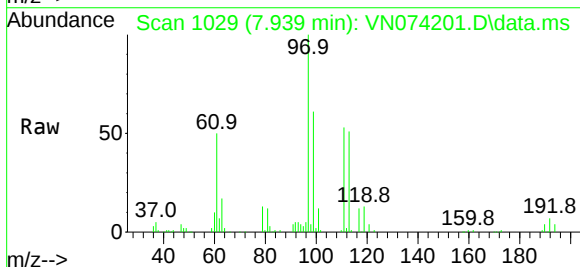
Tgt Ion: 97 Resp: 207601

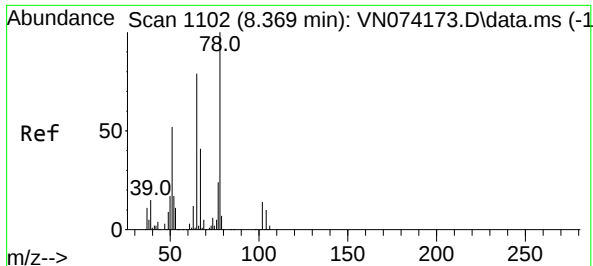
Ion Ratio Lower Upper

97 100

99 62.9 50.6 76.0

61 52.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.470 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

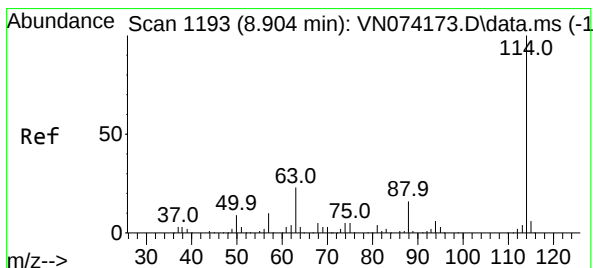
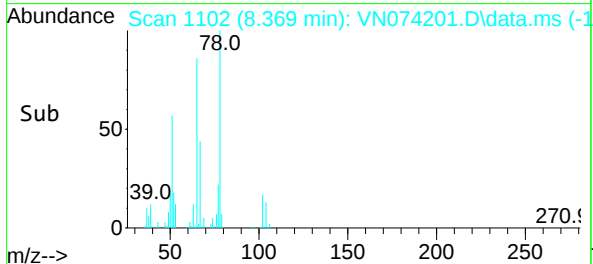
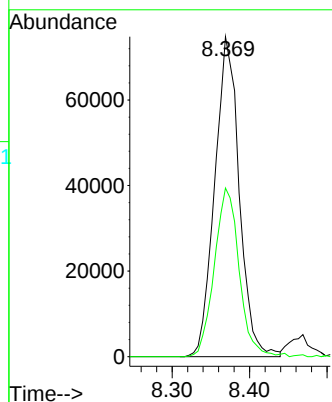
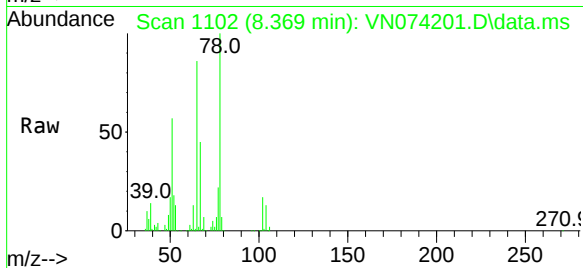
VSTDCCC050EC

Tgt Ion: 65 Resp: 164597

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

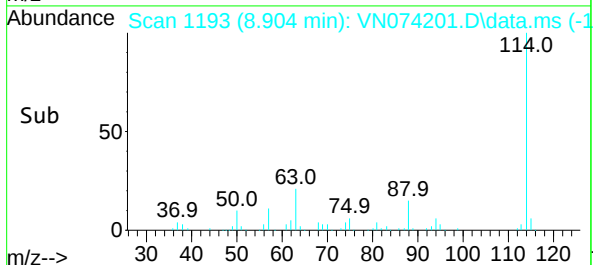
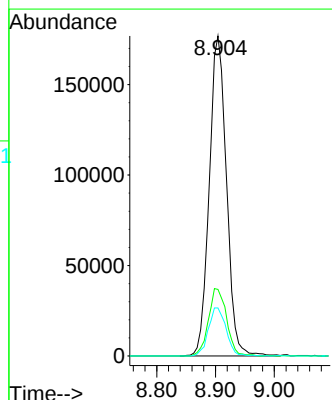
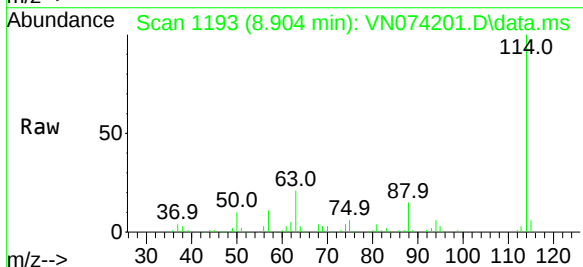
Tgt Ion: 114 Resp: 359954

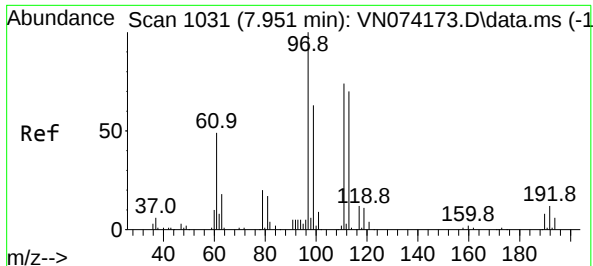
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.459 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

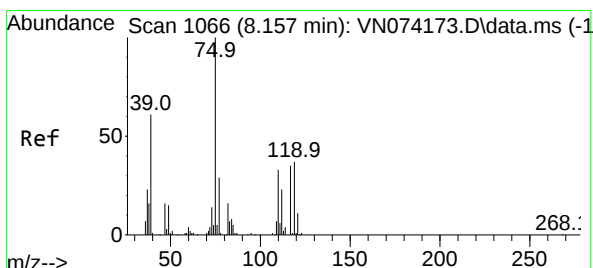
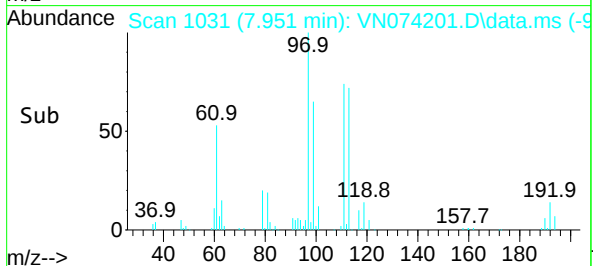
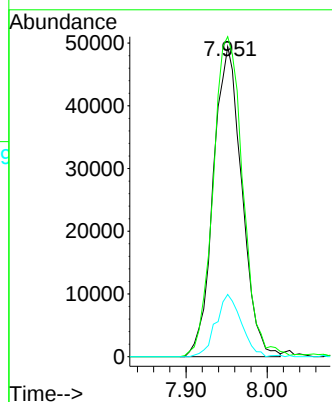
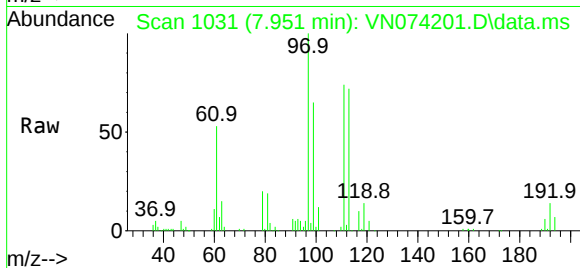
Tgt Ion:113 Resp: 120532

Ion Ratio Lower Upper

113 100

111 107.7 81.4 122.0

192 17.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 50.429 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

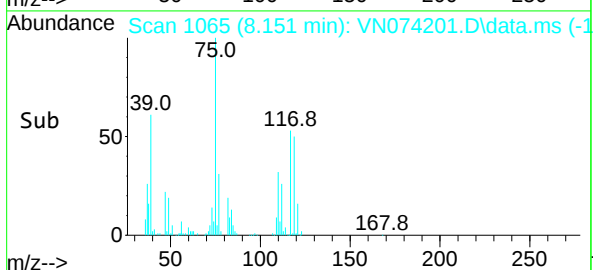
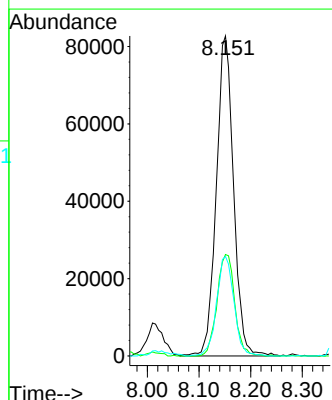
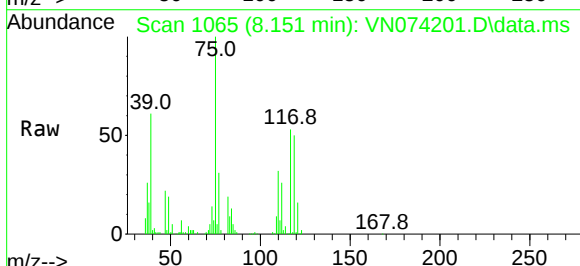
Tgt Ion: 75 Resp: 191653

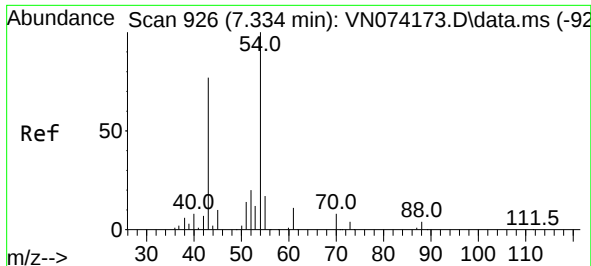
Ion Ratio Lower Upper

75 100

110 32.6 18.3 54.8

77 31.4 25.1 37.7

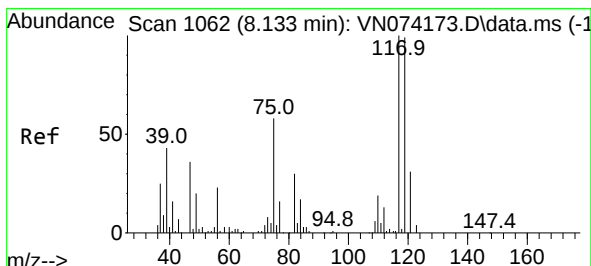
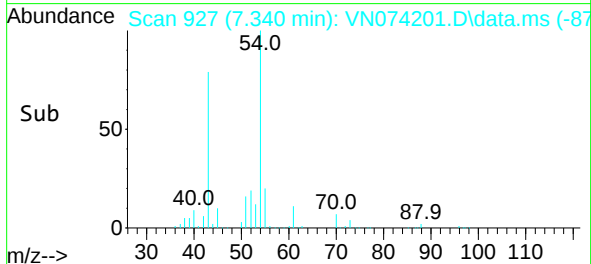
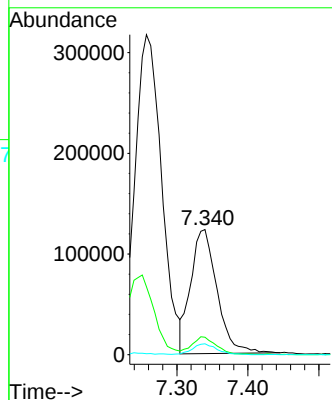
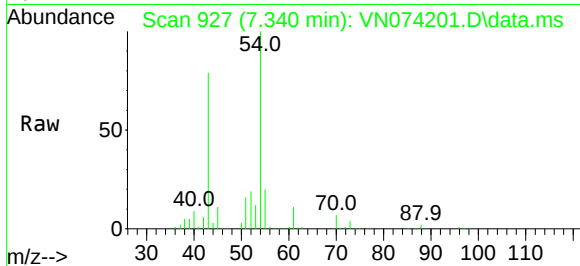




#37
Ethyl Acetate
Concen: 49.941 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

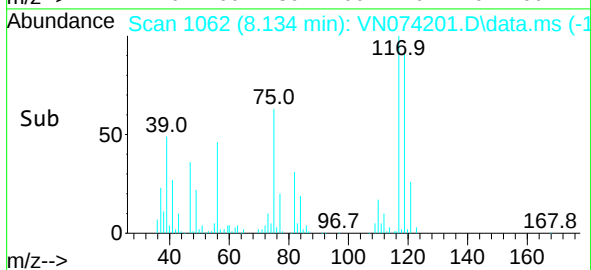
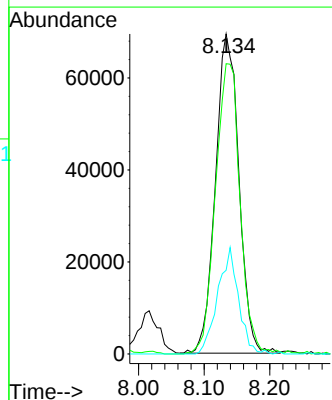
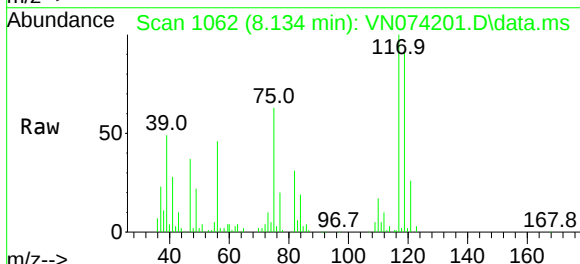
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

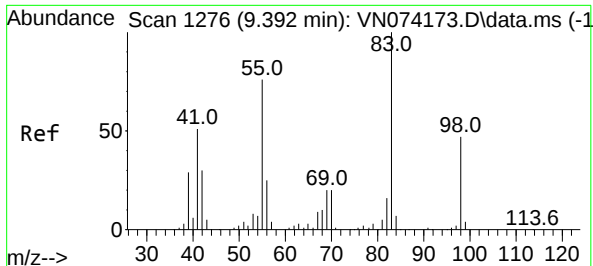
Tgt Ion: 43 Resp: 317412
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.6
70 8.2 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 49.719 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 117 Resp: 172094
Ion Ratio Lower Upper
117 100
119 90.9 75.8 113.8
121 26.2 24.6 37.0





#39

Methylcyclohexane

Concen: 49.028 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

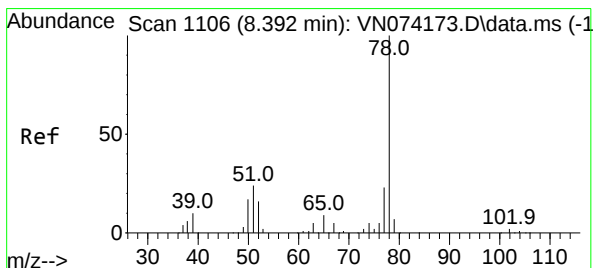
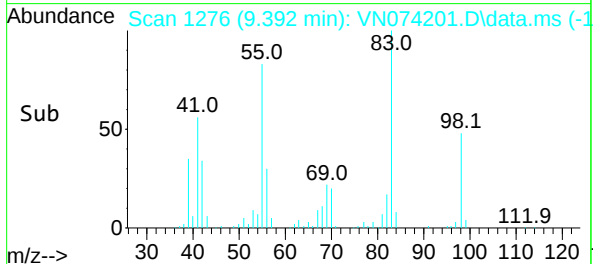
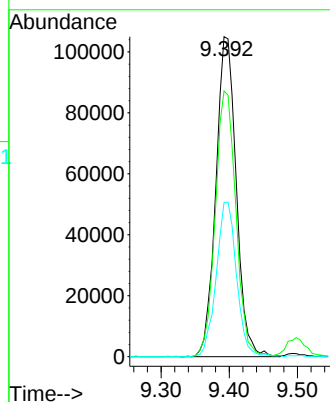
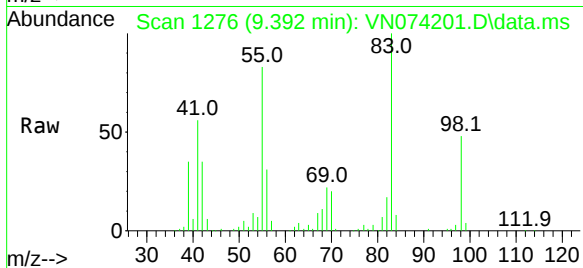
Tgt Ion: 83 Resp: 218728

Ion Ratio Lower Upper

83 100

55 83.1 57.8 86.8

98 48.3 39.4 59.2



#40

Benzene

Concen: 52.098 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074201.D

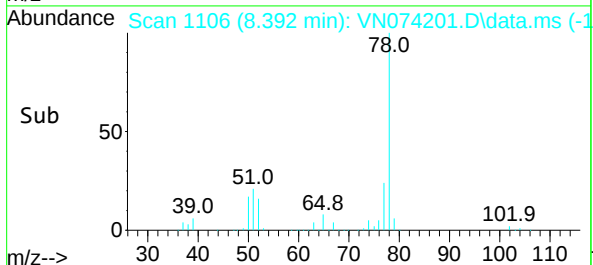
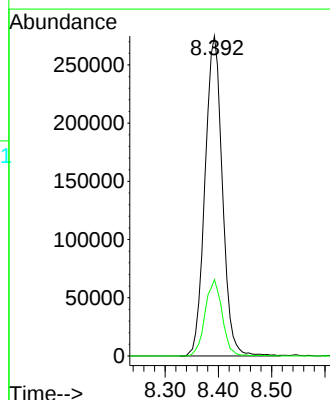
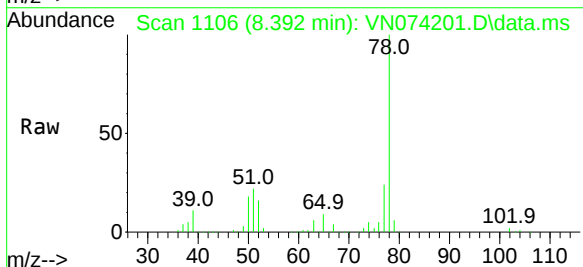
Acq: 31 Aug 2022 06:17

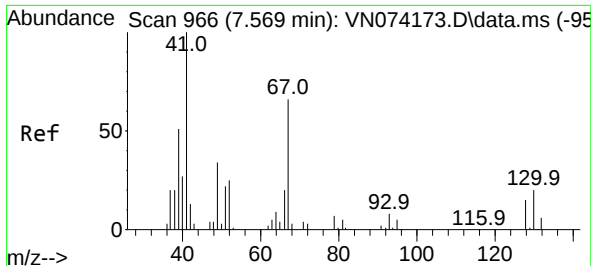
Tgt Ion: 78 Resp: 621688

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

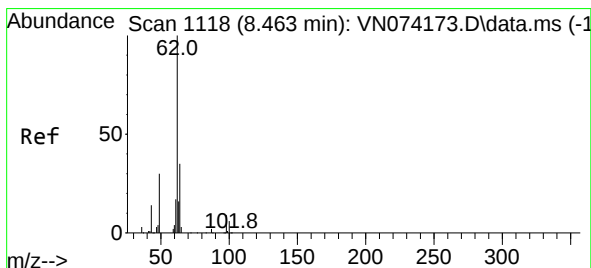
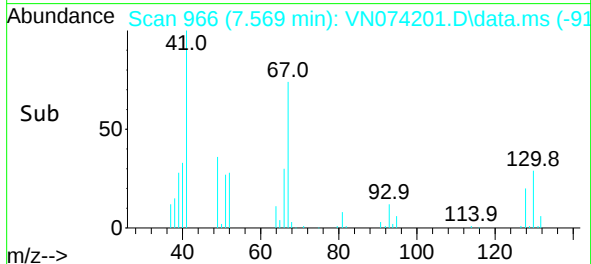
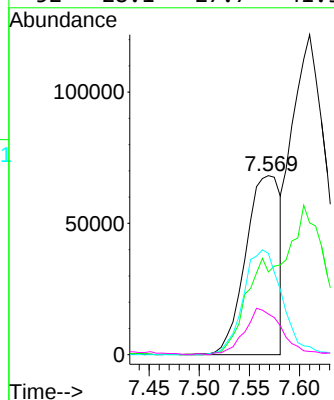
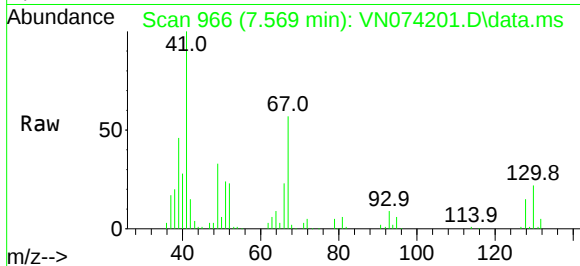




#41
Methacrylonitrile
Concen: 55.705 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

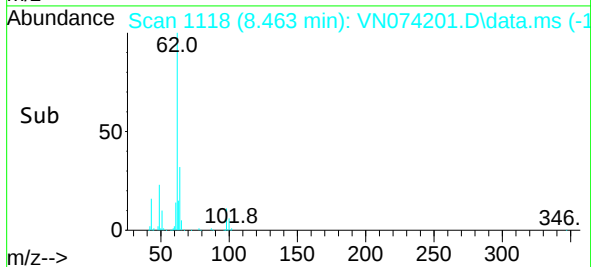
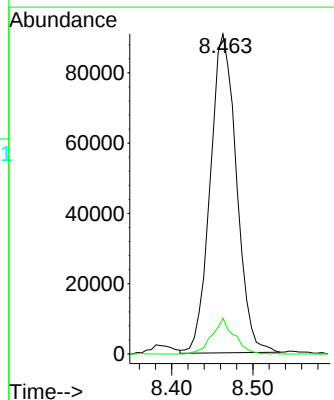
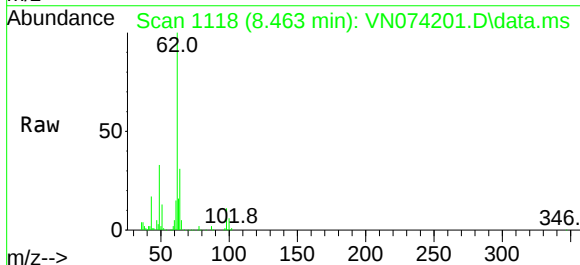
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

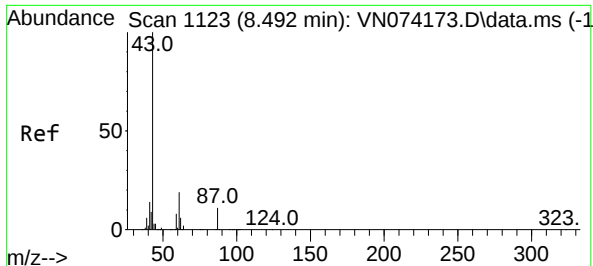
Tgt Ion: 41 Resp: 163426
Ion Ratio Lower Upper
41 100
39 37.3 48.6 73.0#
67 65.8 73.4 110.2#
52 28.1 27.7 41.5



#42
1,2-Dichloroethane
Concen: 48.084 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 62 Resp: 204195
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4

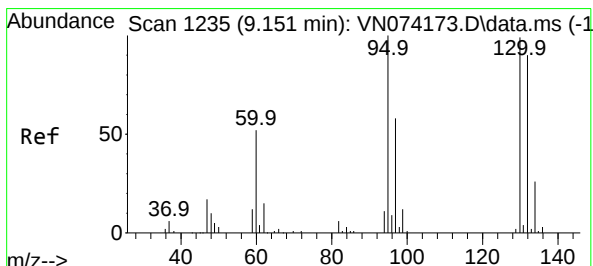
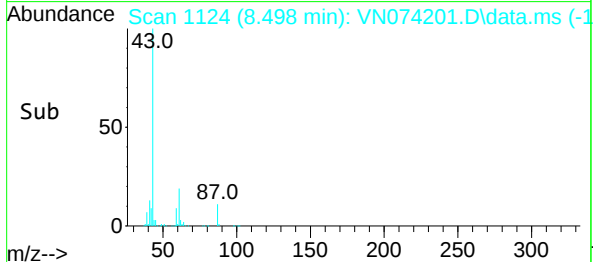
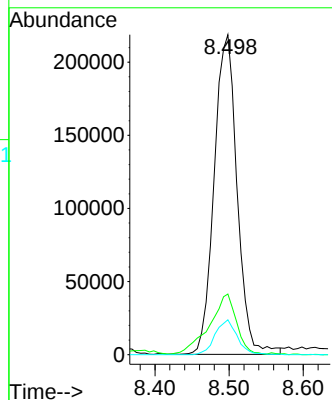
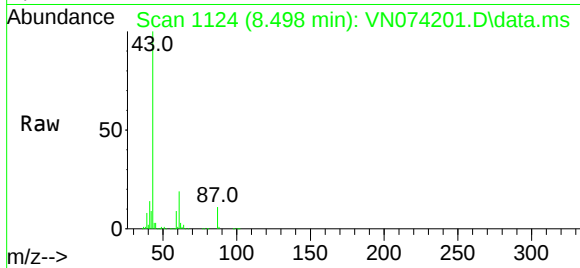




#43
Isopropyl Acetate
Concen: 55.050 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

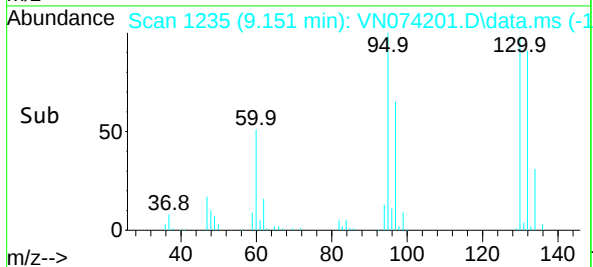
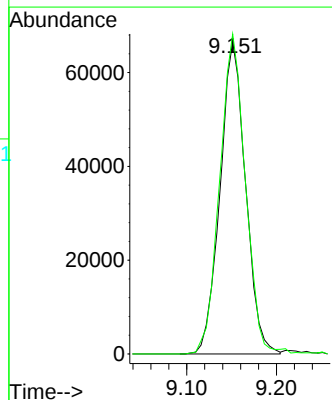
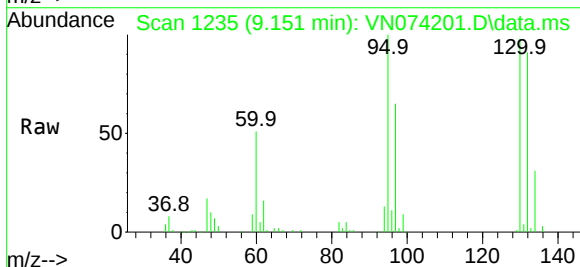
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

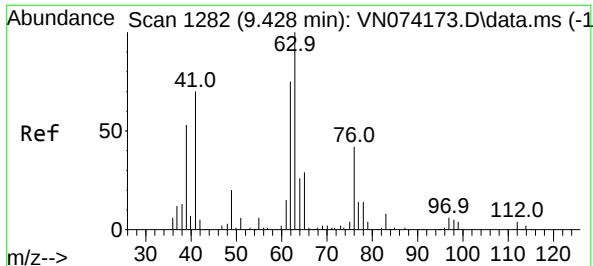
Tgt Ion: 43 Resp: 470354
Ion Ratio Lower Upper
43 100
61 22.1 21.9 32.9
87 10.5 12.0 18.0#



#44
Trichloroethene
Concen: 49.233 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion:130 Resp: 131281
Ion Ratio Lower Upper
130 100
95 102.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 53.249 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

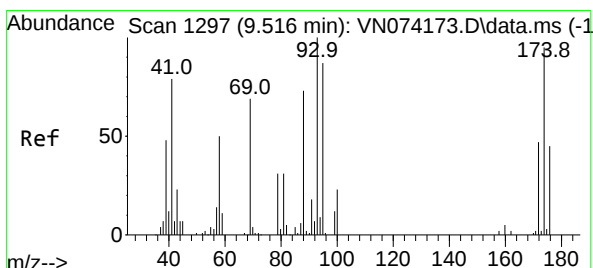
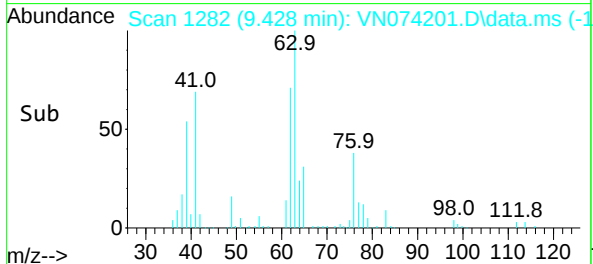
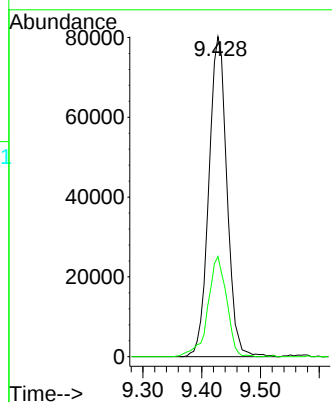
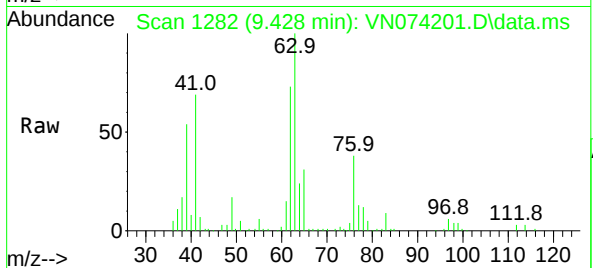
VSTDCCC050EC

Tgt Ion: 63 Resp: 171560

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 47.614 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

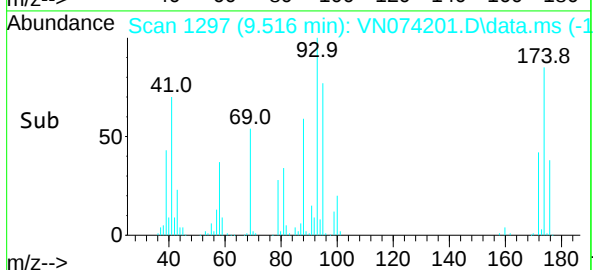
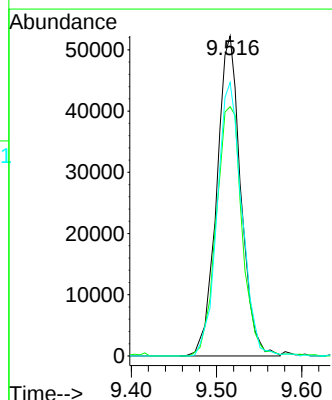
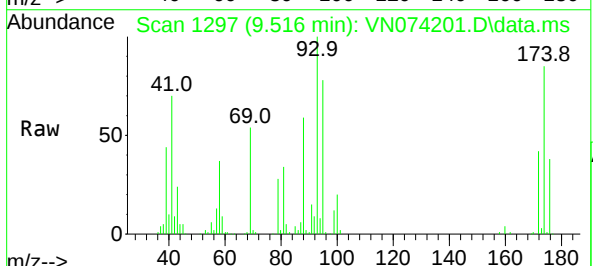
Tgt Ion: 93 Resp: 102456

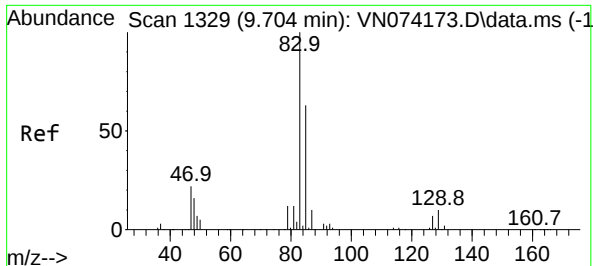
Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

174 87.8 86.6 130.0

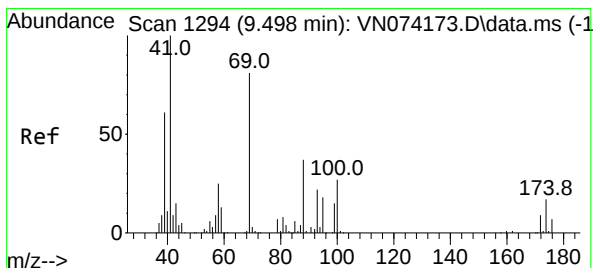
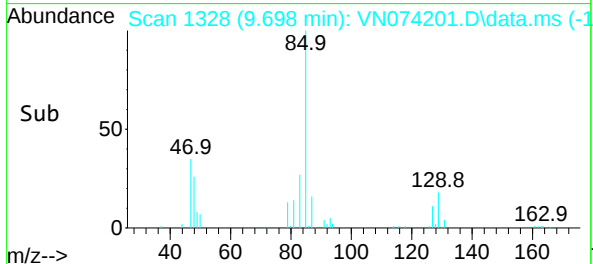
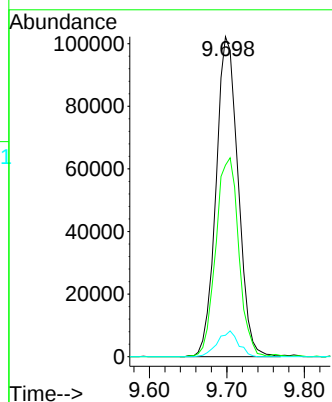
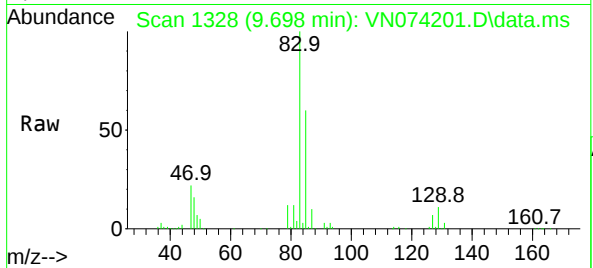




#47
Bromodichloromethane
Concen: 47.947 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

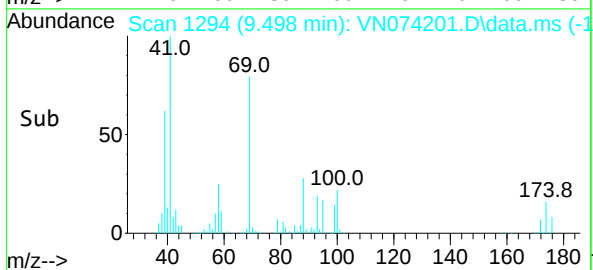
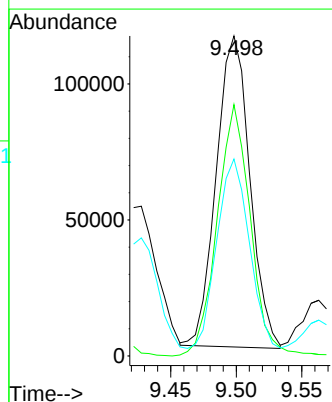
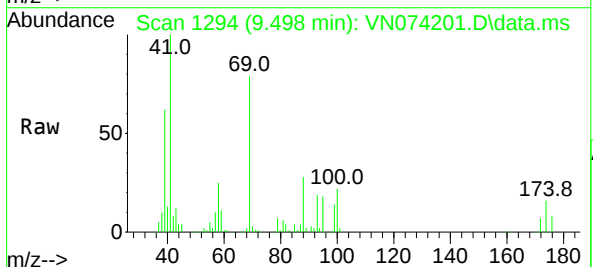
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

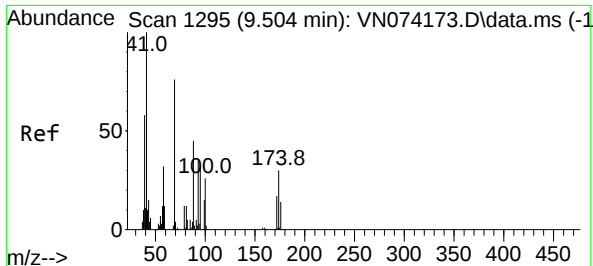
Tgt Ion: 83 Resp: 202181
Ion Ratio Lower Upper
83 100
85 59.9 50.5 75.7
127 6.7 6.8 10.2#



#48
Methyl methacrylate
Concen: 50.195 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 41 Resp: 203721
Ion Ratio Lower Upper
41 100
69 79.9 74.7 112.1
39 59.6 45.6 68.4

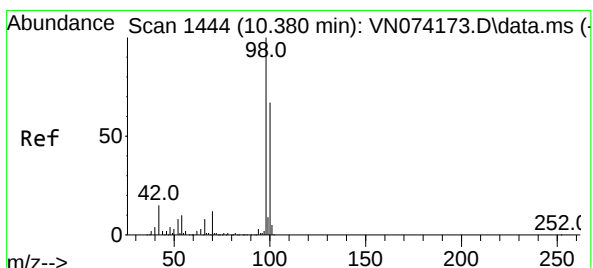
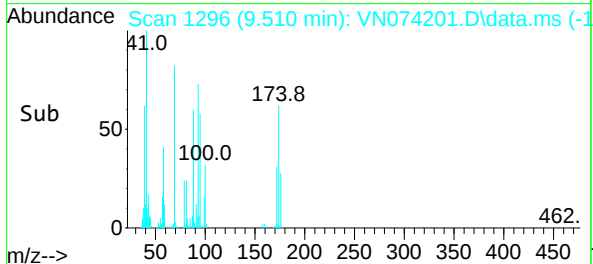
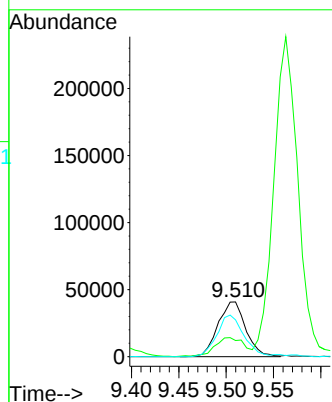
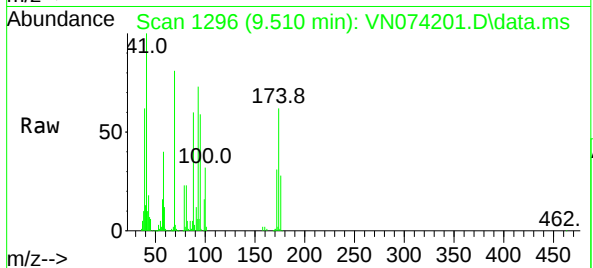




#49
1,4-Dioxane
Concen: 951.160 ug/l
RT: 9.510 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

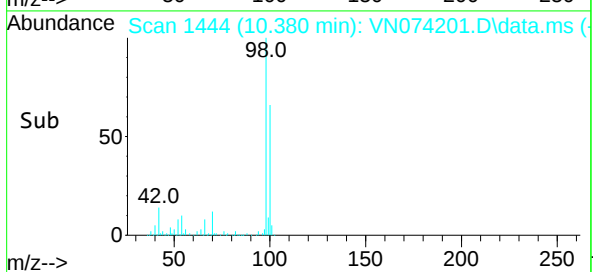
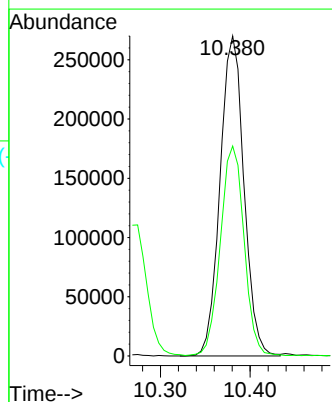
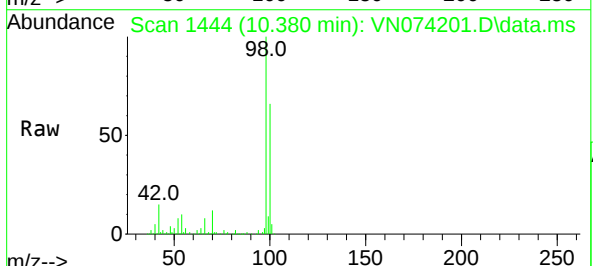
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

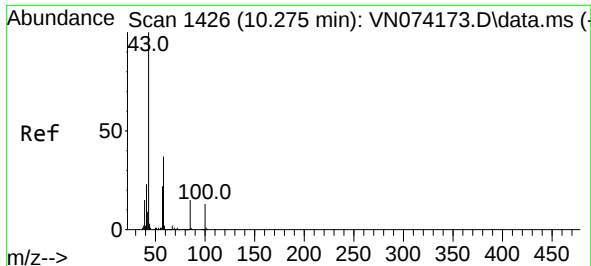
Tgt Ion: 88 Resp: 83285
Ion Ratio Lower Upper
88 100
43 37.5 20.2 30.4#
58 76.5 54.2 81.4



#50
Toluene-d8
Concen: 54.024 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 98 Resp: 498335
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

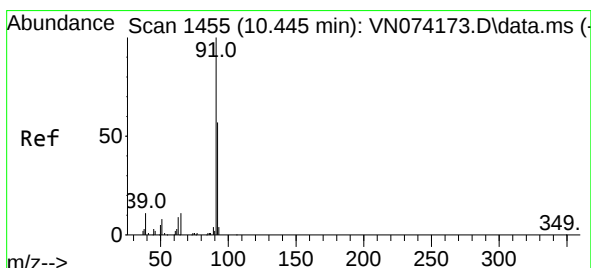
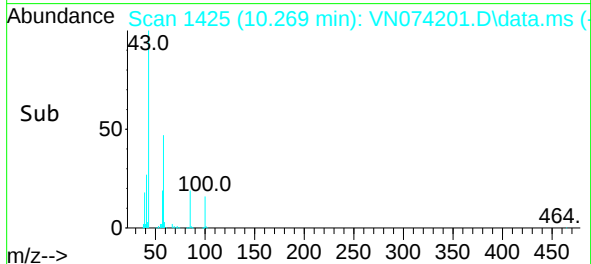
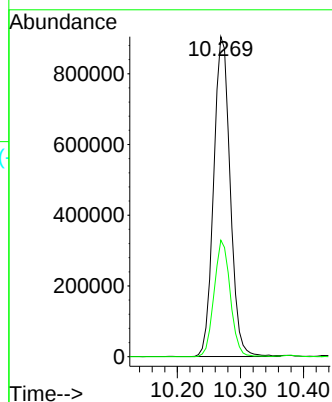
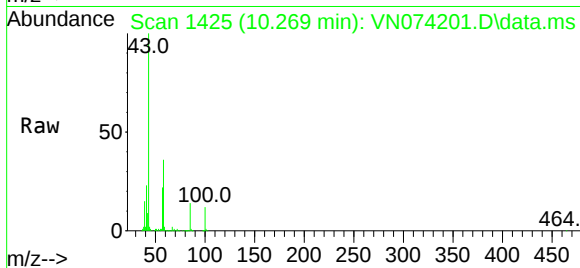




#51
4-Methyl-2-Pentanone
Concen: 265.831 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

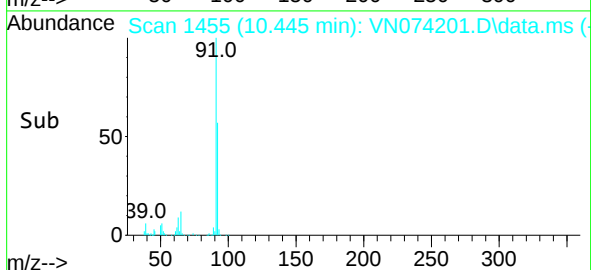
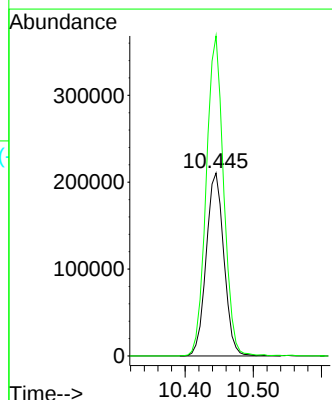
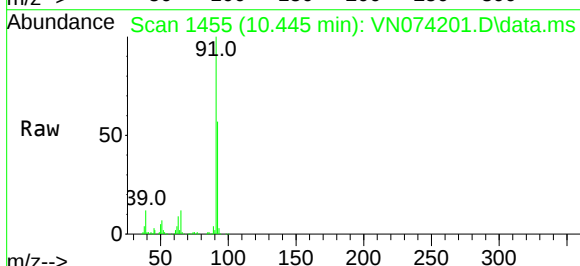
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

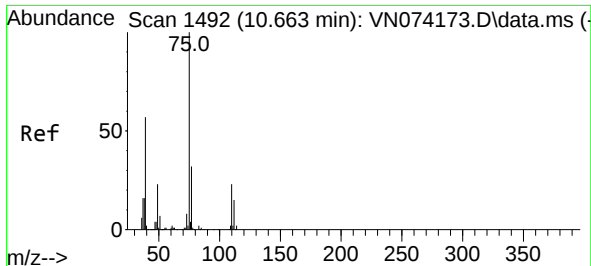
Tgt Ion: 43 Resp: 1648415
Ion Ratio Lower Upper
43 100
58 35.6 34.1 51.1



#52
Toluene
Concen: 54.064 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 92 Resp: 380262
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8

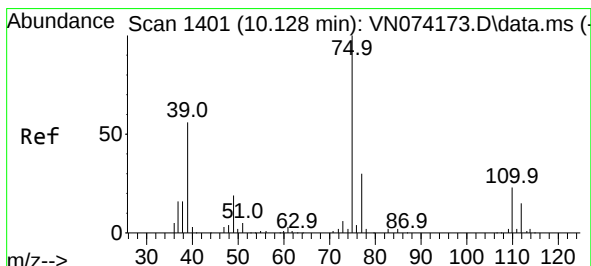
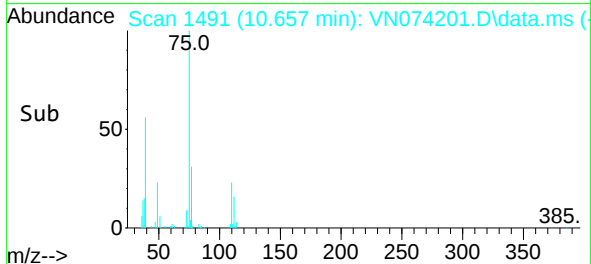
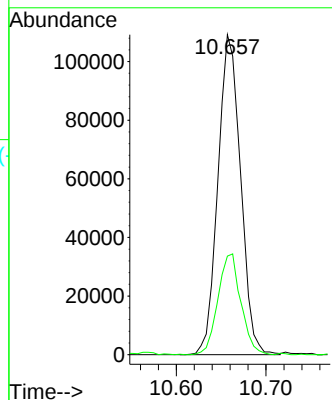
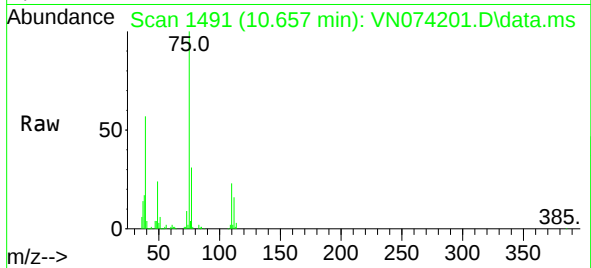




#53
t-1,3-Dichloropropene
Concen: 47.823 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

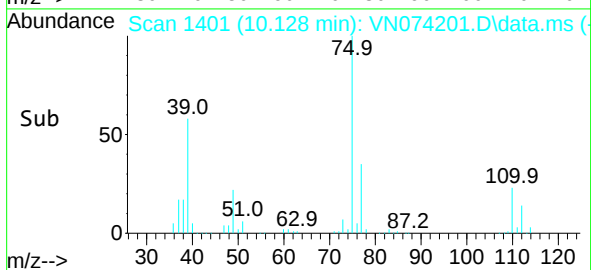
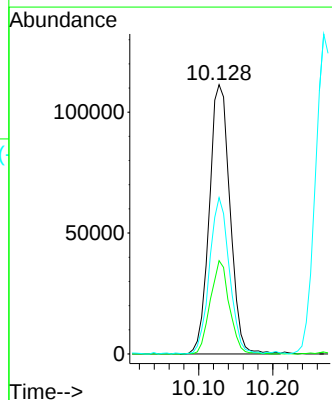
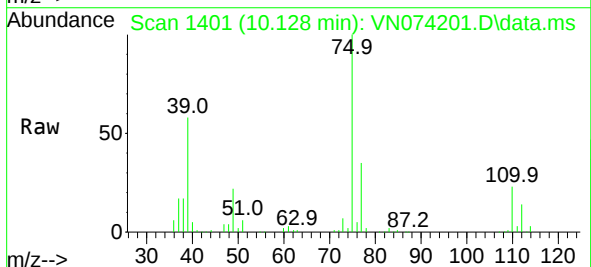
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

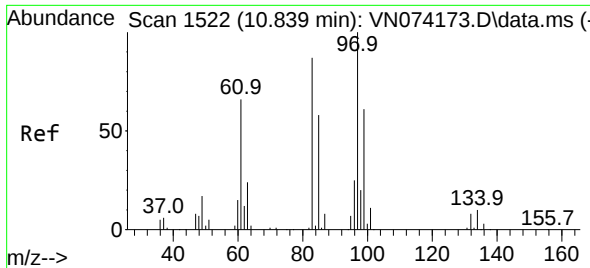
Tgt Ion: 75 Resp: 191202
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 48.237 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 75 Resp: 215911
Ion Ratio Lower Upper
75 100
77 34.7 25.2 37.8
39 57.8 35.7 53.5#



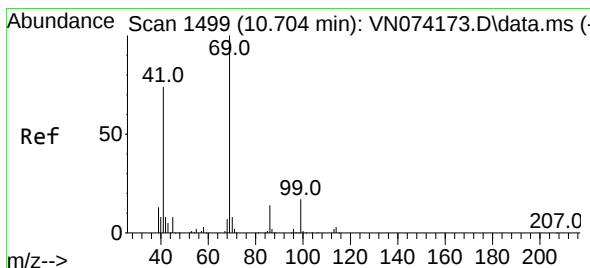
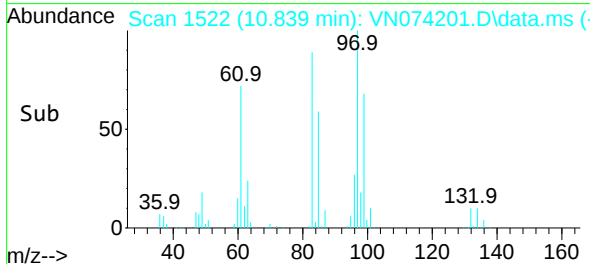
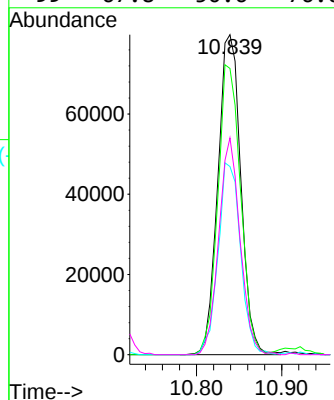
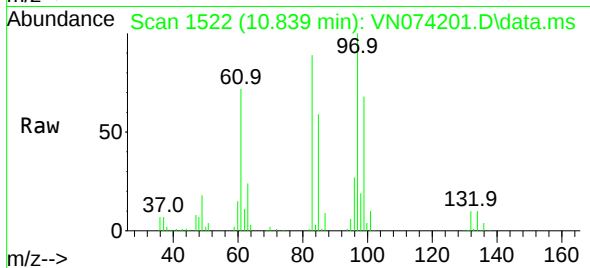


#55
1,1,2-Trichloroethane
Concen: 49.132 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 149480

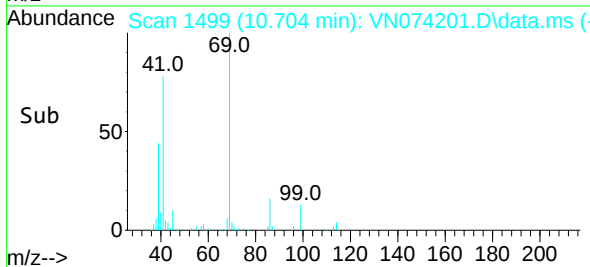
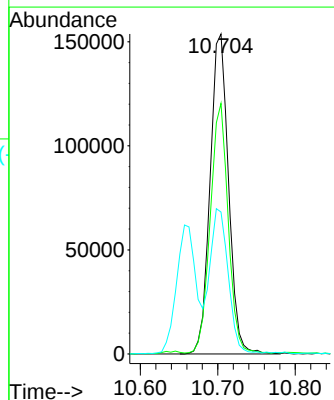
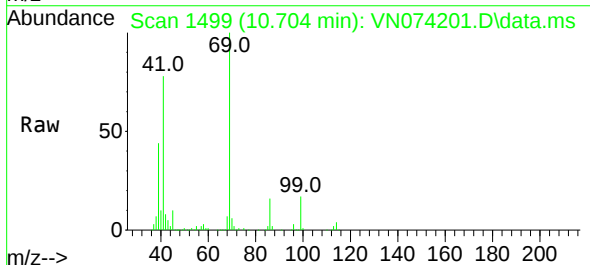
Ion	Ratio	Lower	Upper
97	100		
83	89.4	66.2	99.4
85	58.8	43.9	65.9
99	67.8	50.6	76.0

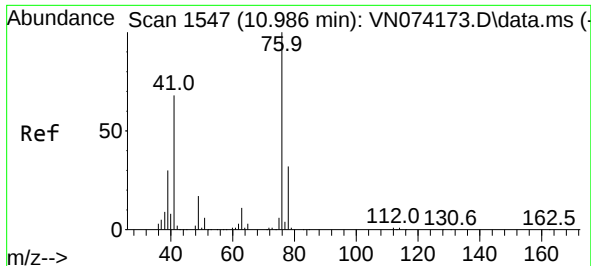


#56
Ethyl methacrylate
Concen: 55.054 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 69 Resp: 253882

Ion	Ratio	Lower	Upper
69	100		
41	75.8	47.8	71.6#
39	44.4	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 50.750 ug/l

RT: 10.986 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

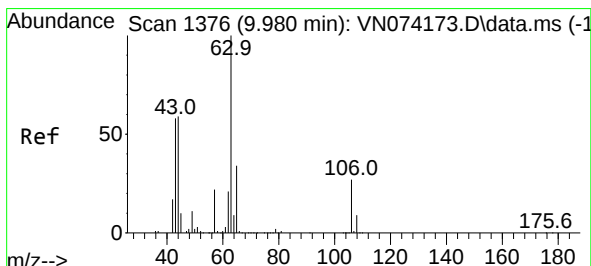
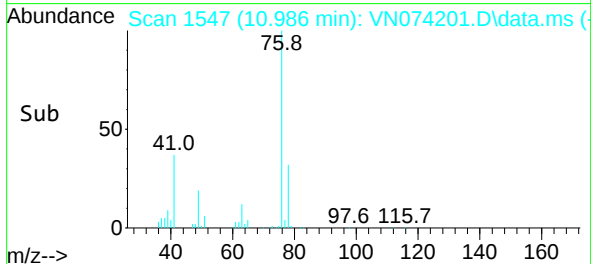
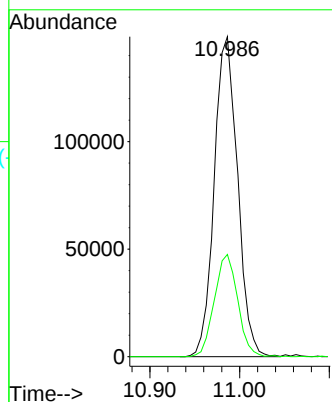
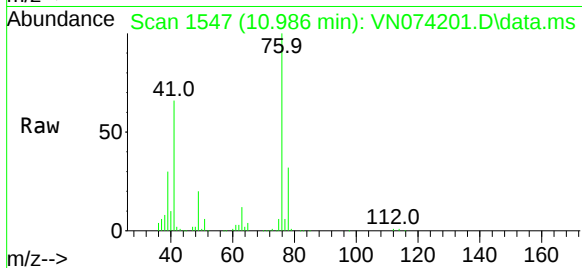
VSTDCCC050EC

Tgt Ion: 76 Resp: 268338

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 270.854 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074201.D

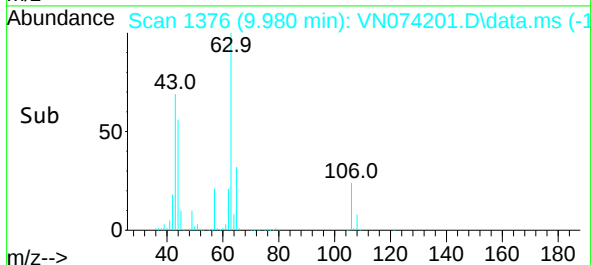
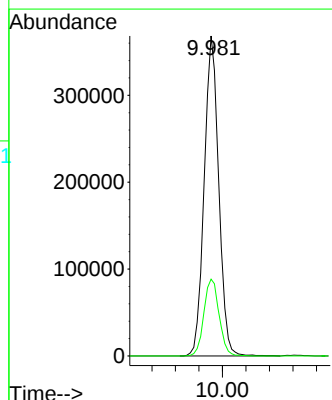
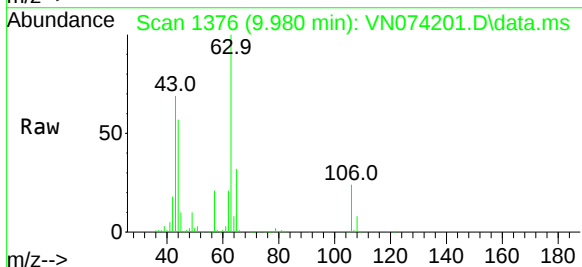
Acq: 31 Aug 2022 06:17

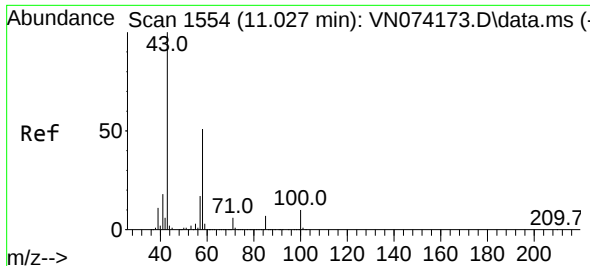
Tgt Ion: 63 Resp: 631847

Ion Ratio Lower Upper

63 100

106 25.1 24.6 36.8

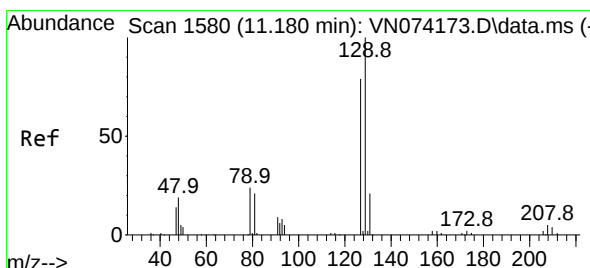
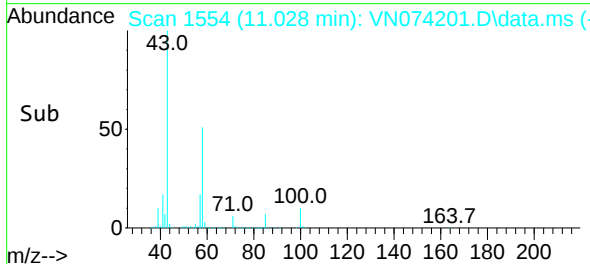
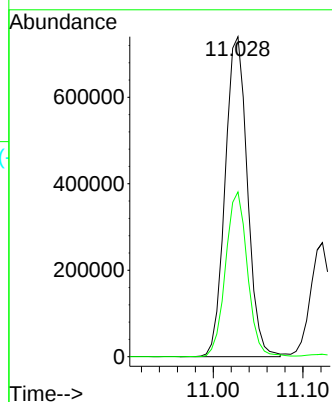
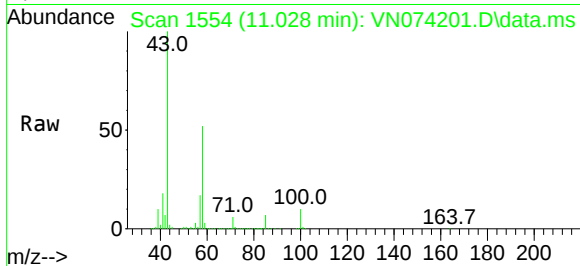




#59
2-Hexanone
Concen: 270.257 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

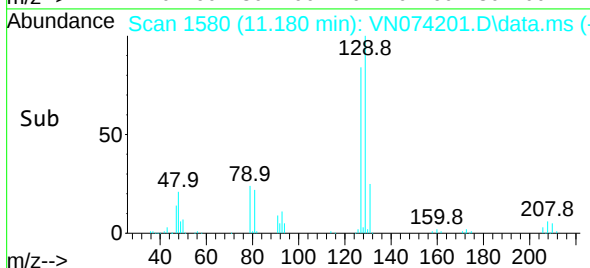
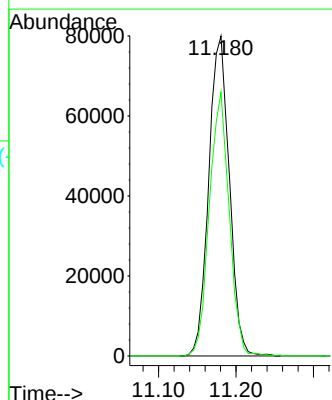
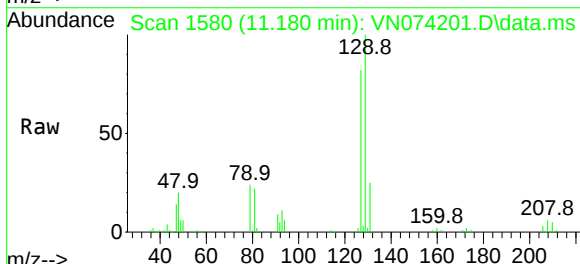
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

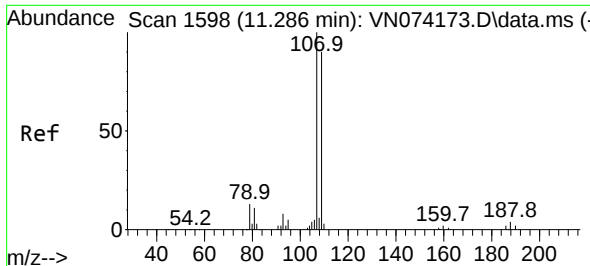
Tgt Ion: 43 Resp: 1271781
Ion Ratio Lower Upper
43 100
58 50.7 29.7 89.1



#60
Dibromochloromethane
Concen: 51.924 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 129 Resp: 147966
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.4

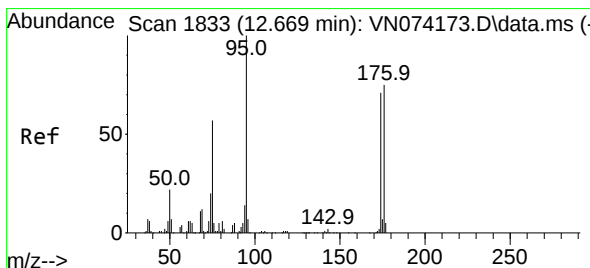
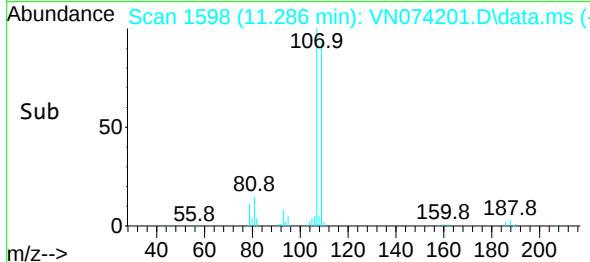
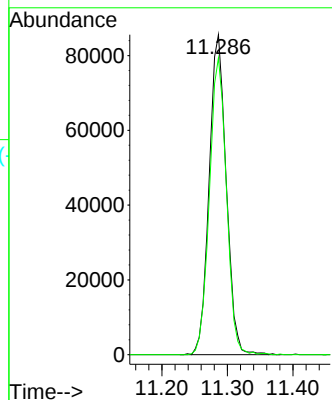
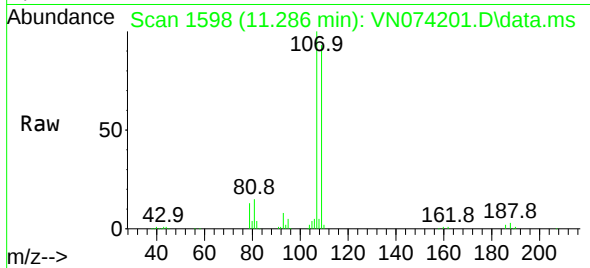




#61
1,2-Dibromoethane
Concen: 53.290 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

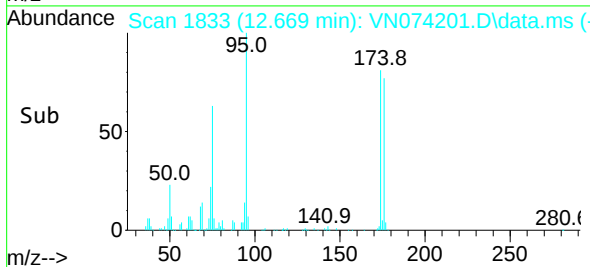
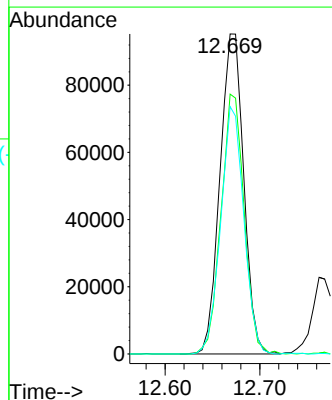
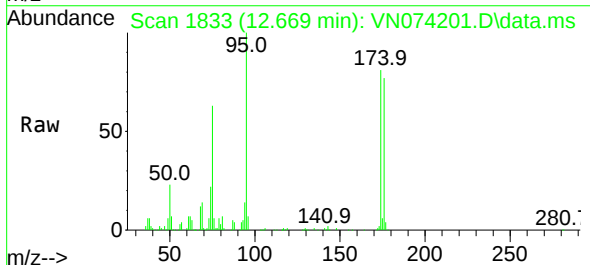
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

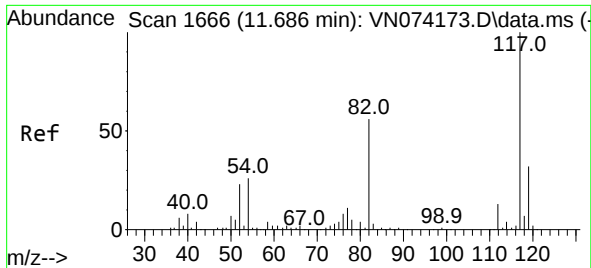
Tgt Ion:107 Resp: 154921
Ion Ratio Lower Upper
107 100
109 92.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 59.124 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 95 Resp: 165850
Ion Ratio Lower Upper
95 100
174 78.9 0.0 167.6
176 75.1 0.0 163.4

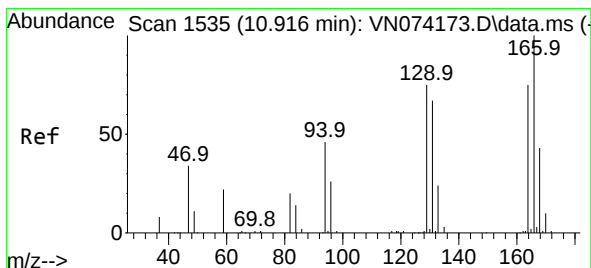
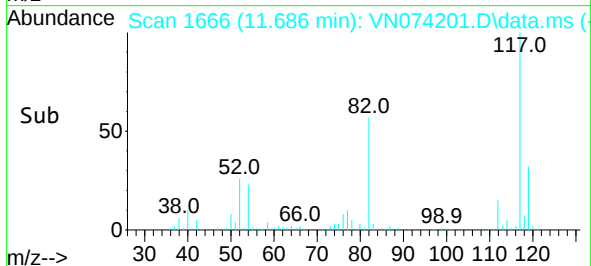
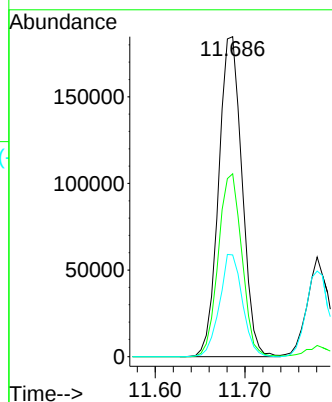
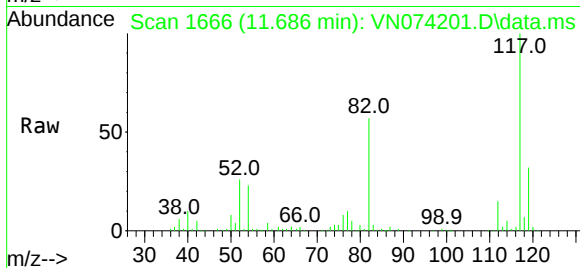




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

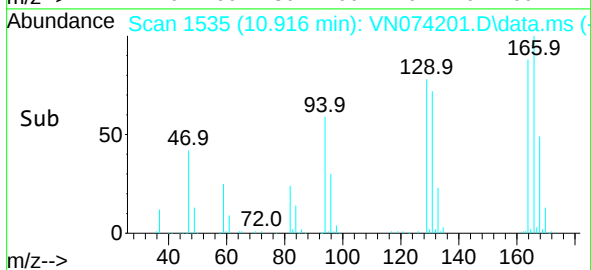
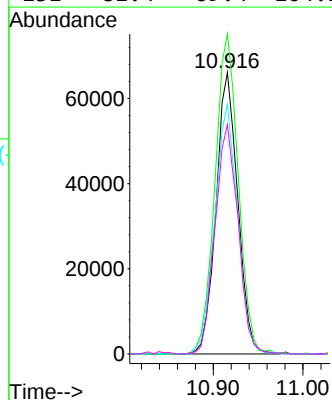
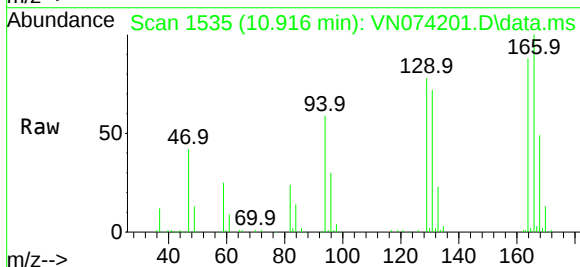
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

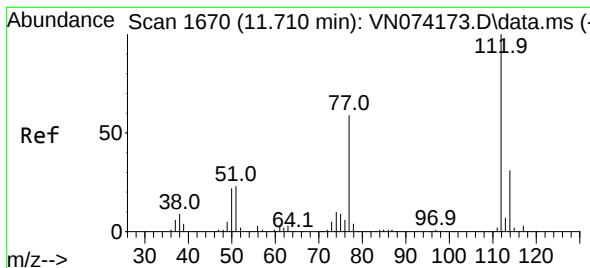
Tgt Ion:117 Resp: 334775
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 45.736 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion:164 Resp: 110904
Ion Ratio Lower Upper
164 100
166 113.7 104.2 156.2
129 88.6 73.9 110.9
131 81.4 69.4 104.2





#65

Chlorobenzene

Concen: 50.022 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

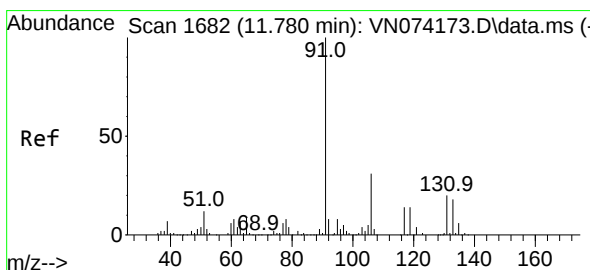
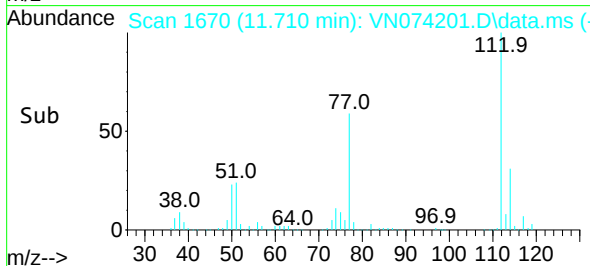
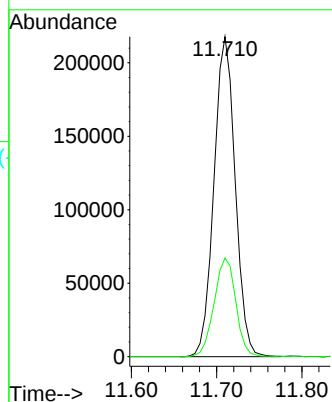
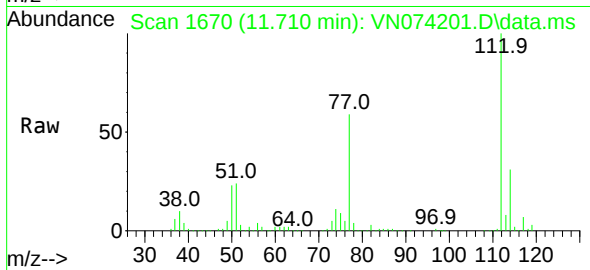
VSTDCCC050EC

Tgt Ion:112 Resp: 376827

Ion Ratio Lower Upper

112 100

114 30.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 50.568 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

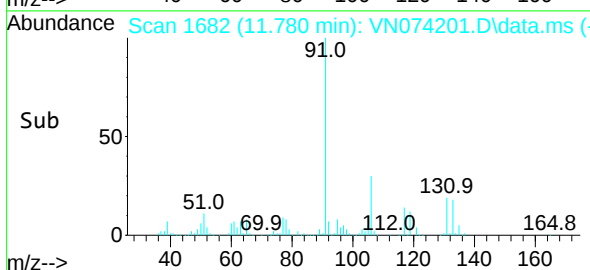
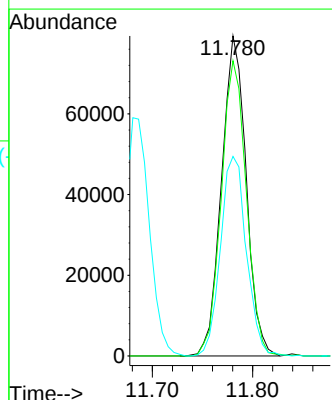
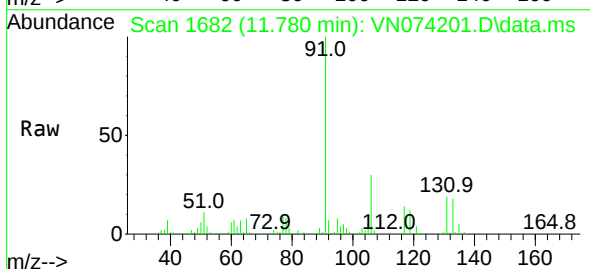
Tgt Ion:131 Resp: 135398

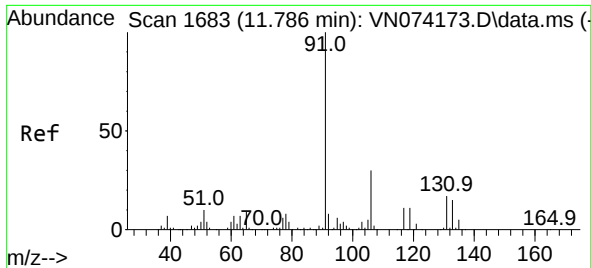
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.4

119 65.5 33.4 100.2

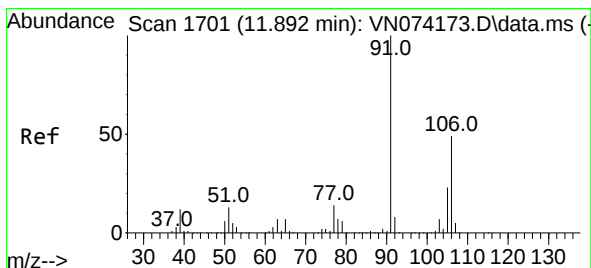
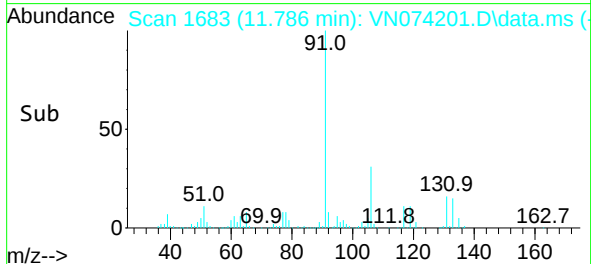
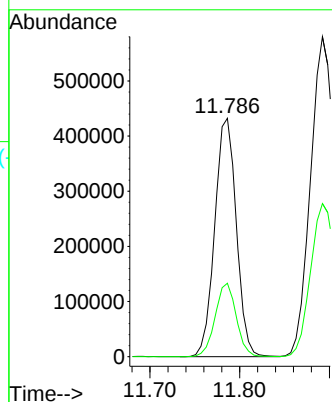
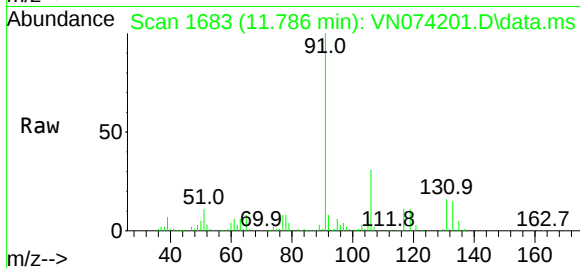




#67
Ethyl Benzene
Concen: 53.398 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

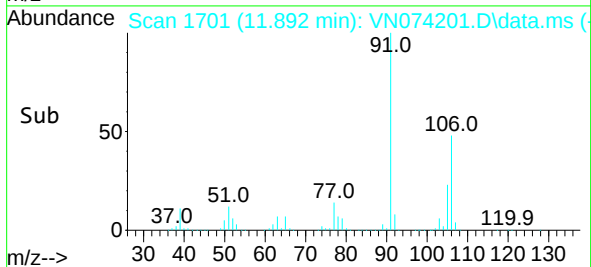
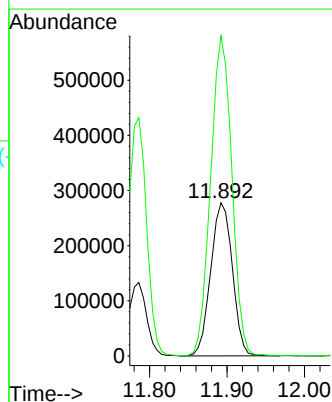
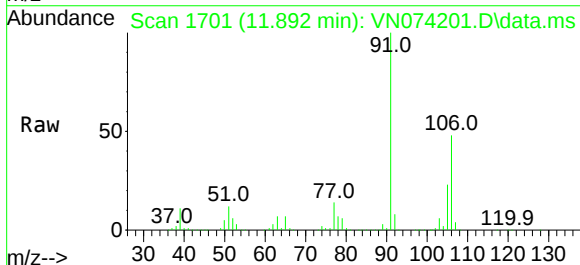
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

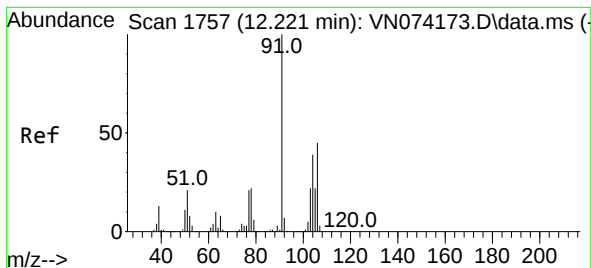
Tgt Ion: 91 Resp: 721878
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 107.082 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 106 Resp: 537776
Ion Ratio Lower Upper
106 100
91 205.5 158.9 238.3





#69

o-Xylene

Concen: 52.897 ug/l

RT: 12.222 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

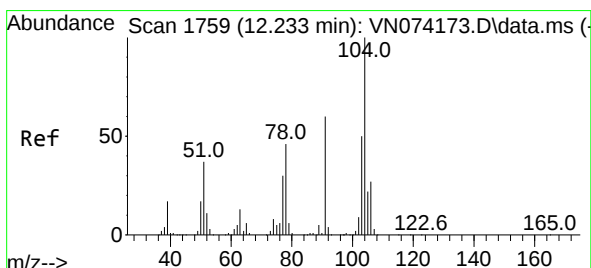
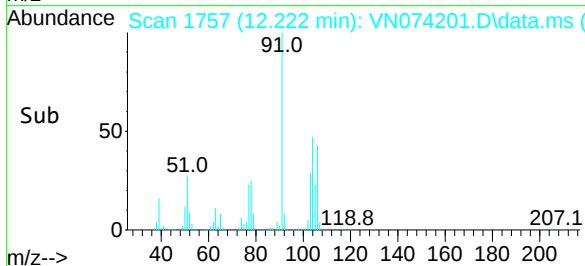
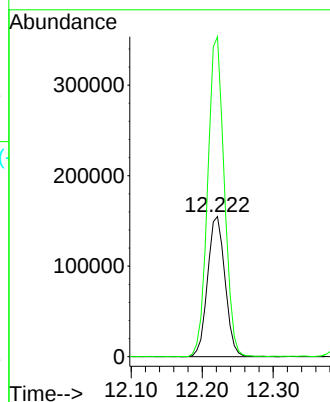
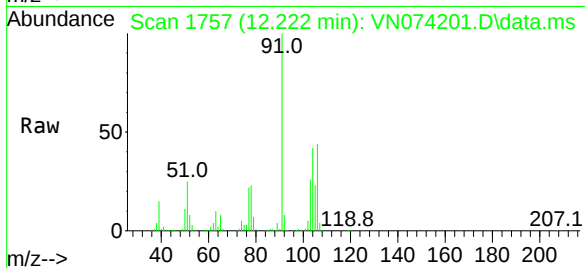
VSTDCCC050EC

Tgt Ion:106 Resp: 264701

Ion Ratio Lower Upper

106 100

91 217.1 106.0 318.0



#70

Styrene

Concen: 56.325 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

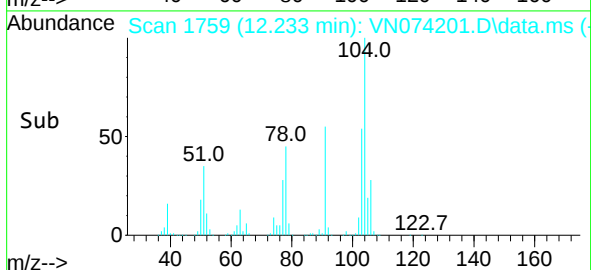
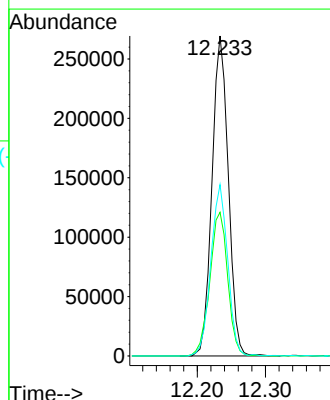
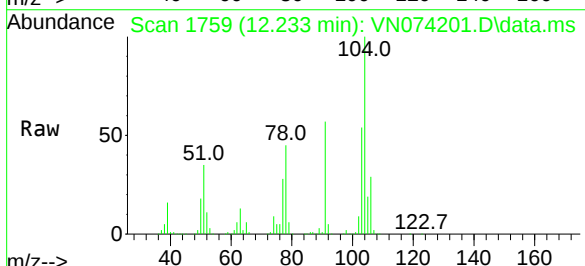
Tgt Ion:104 Resp: 449043

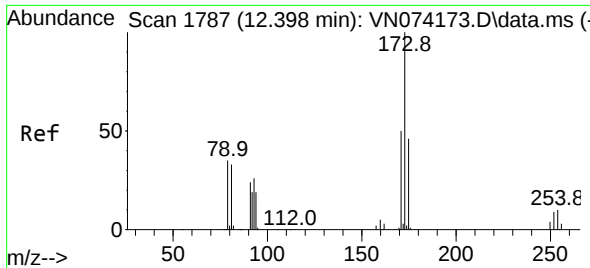
Ion Ratio Lower Upper

104 100

78 49.1 39.5 59.3

103 55.4 44.0 66.0

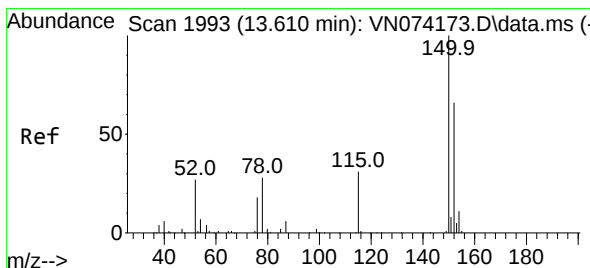
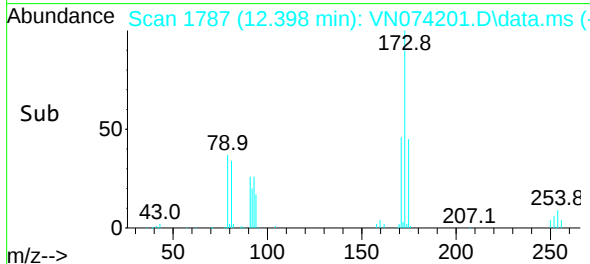
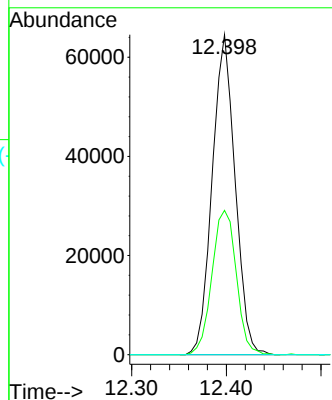
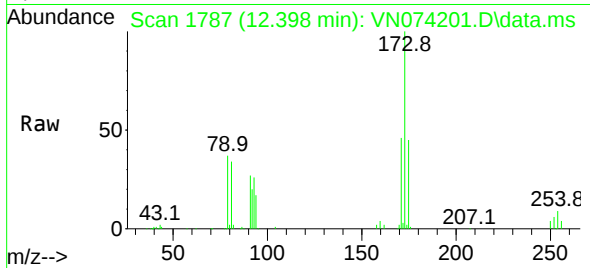




#71
Bromoform
Concen: 47.782 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

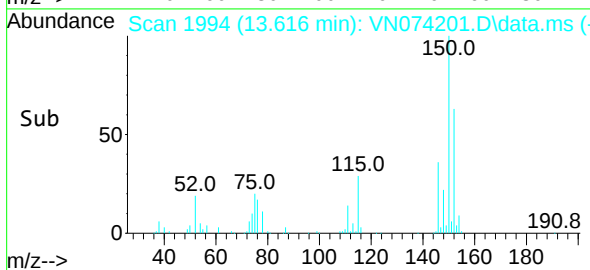
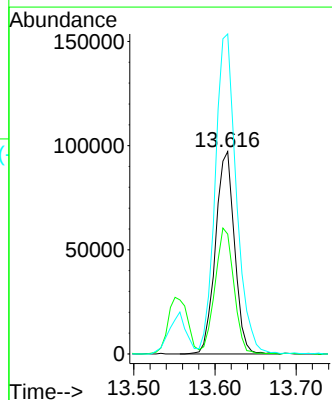
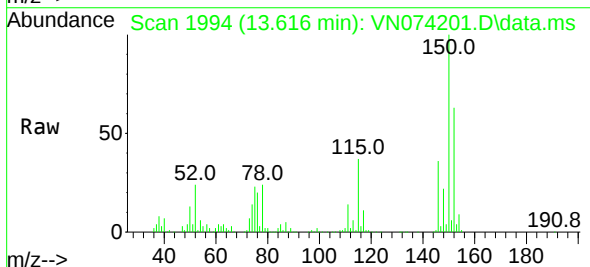
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

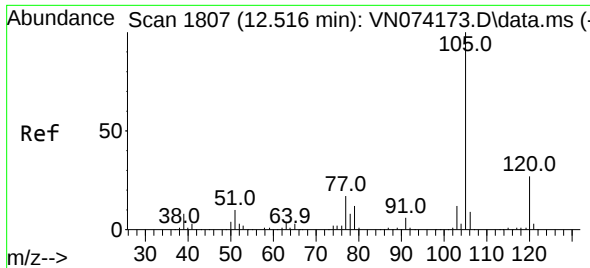
Tgt Ion:173 Resp: 108368
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion:152 Resp: 158450
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.7
150 174.6 0.0 356.2

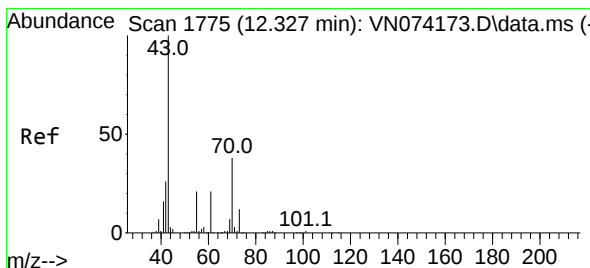
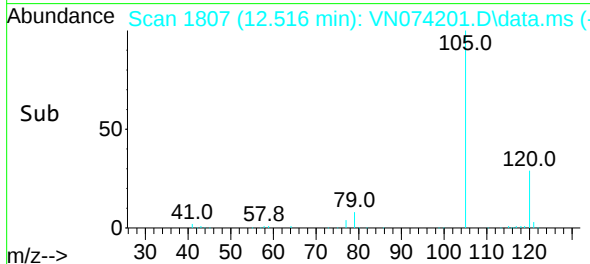
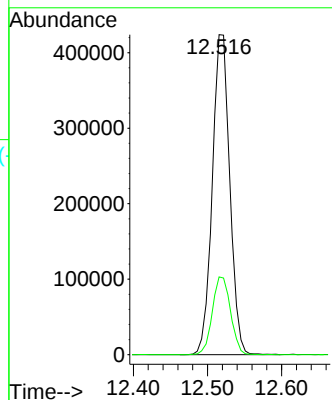
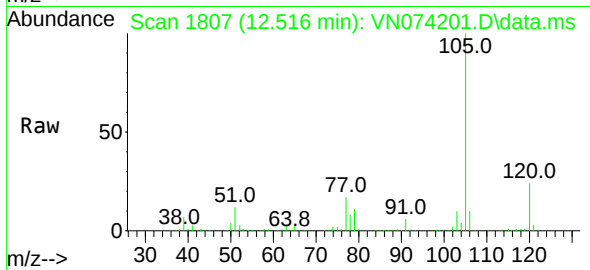




#73
Isopropylbenzene
Concen: 51.081 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

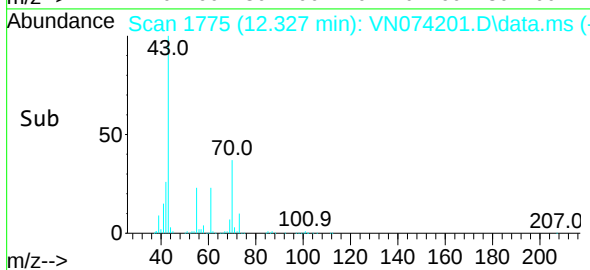
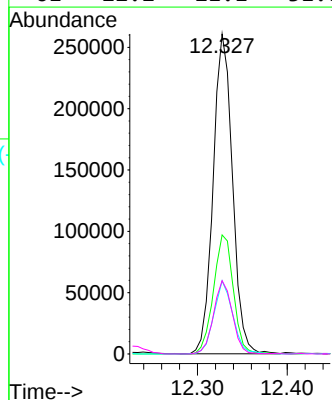
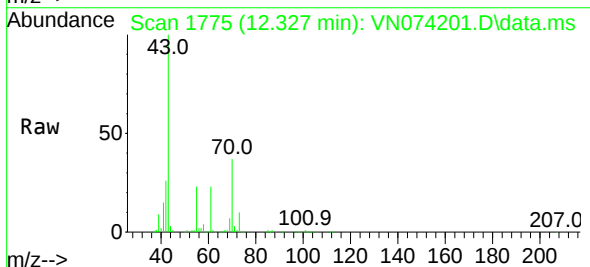
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

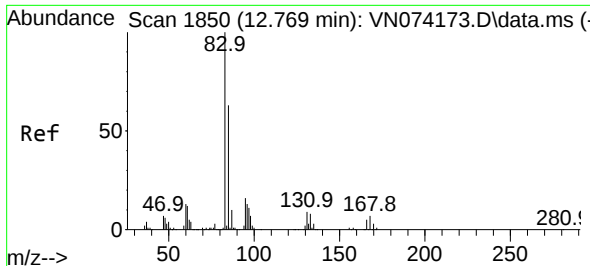
Tgt Ion:105 Resp: 693152
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.4



#74
N-ethyl acetate
Concen: 50.834 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 43 Resp: 390275
Ion Ratio Lower Upper
43 100
70 38.4 39.0 58.4#
55 22.5 21.1 31.7
61 22.2 21.1 31.7

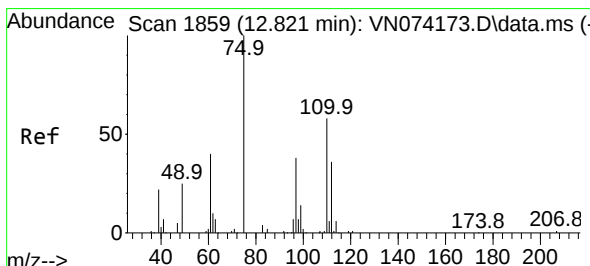
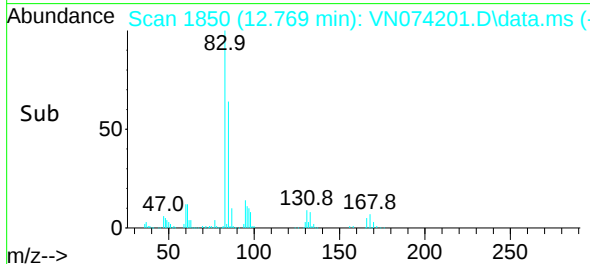
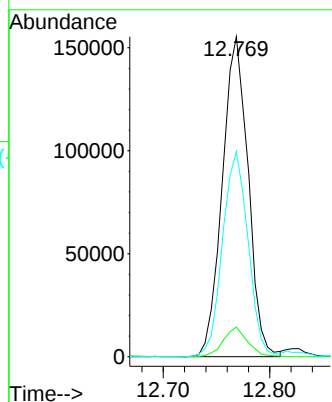
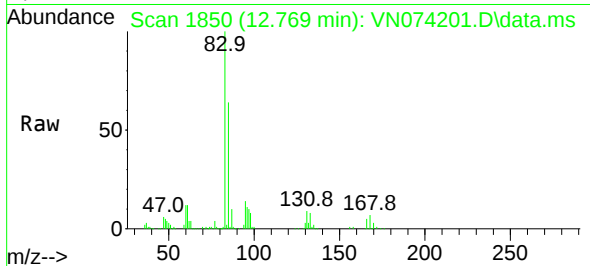




#75
1,1,2,2-Tetrachloroethane
Concen: 46.479 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

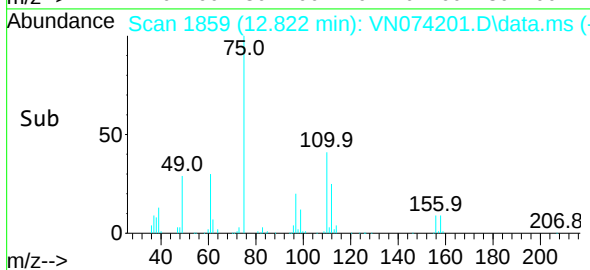
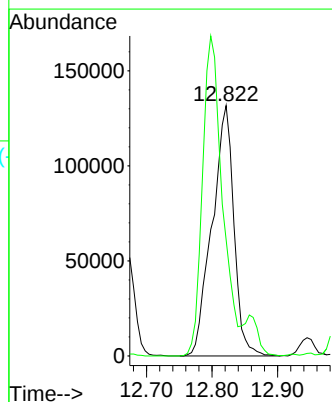
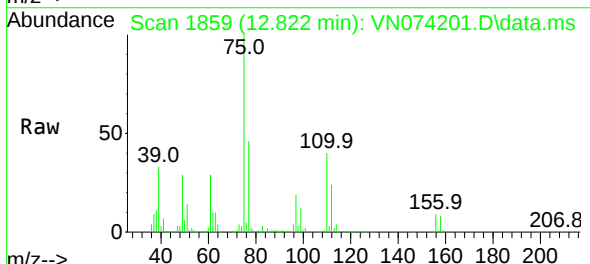
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

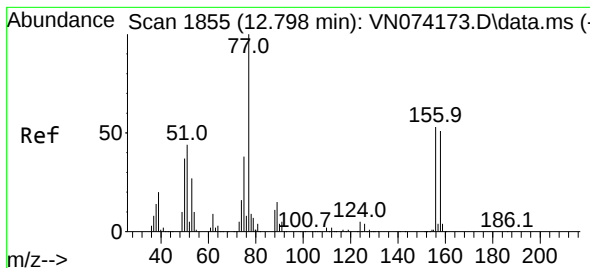
Tgt Ion: 83 Resp: 261560
Ion Ratio Lower Upper
83 100
131 8.7 5.3 15.9
85 63.2 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 81.766 ug/l
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 75 Resp: 303816
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 48.580 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

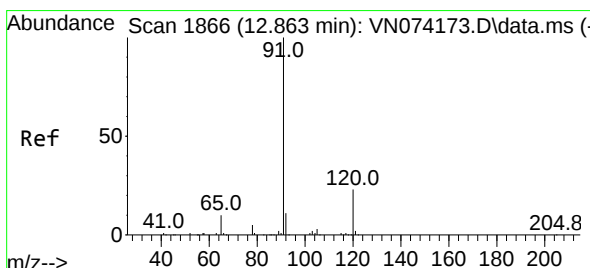
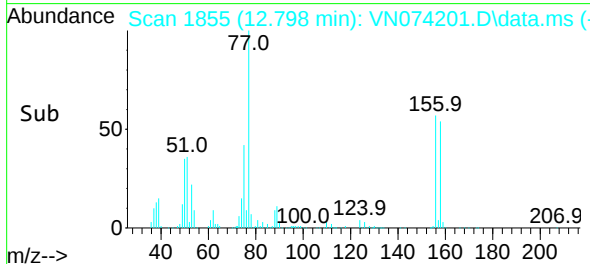
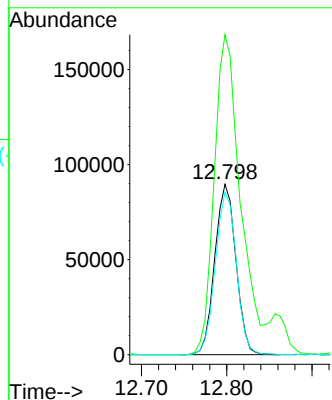
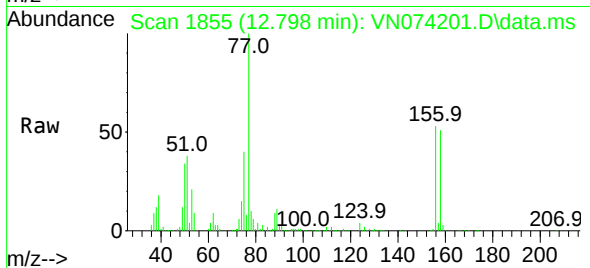
Tgt Ion:156 Resp: 154200

Ion Ratio Lower Upper

156 100

77 232.4 100.5 301.5

158 95.1 48.9 146.6



#78

n-propylbenzene

Concen: 53.548 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074201.D

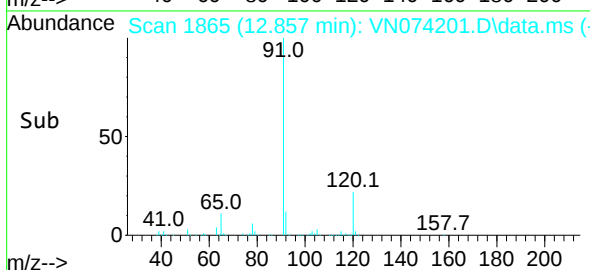
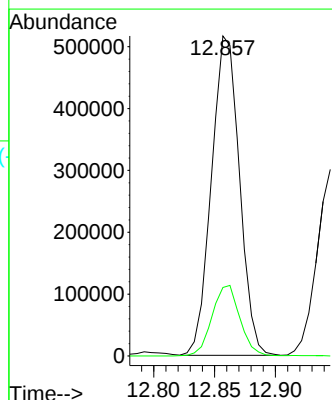
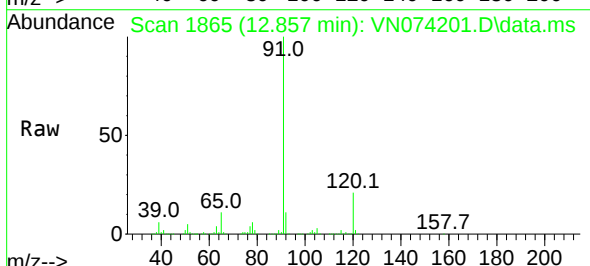
Acq: 31 Aug 2022 06:17

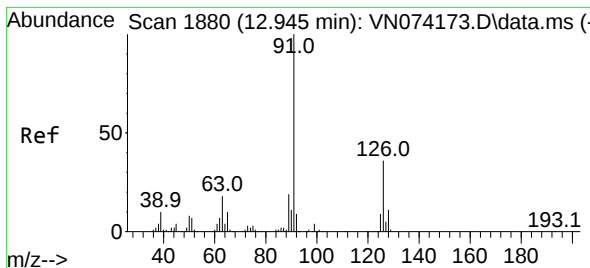
Tgt Ion: 91 Resp: 828268

Ion Ratio Lower Upper

91 100

120 21.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.857 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

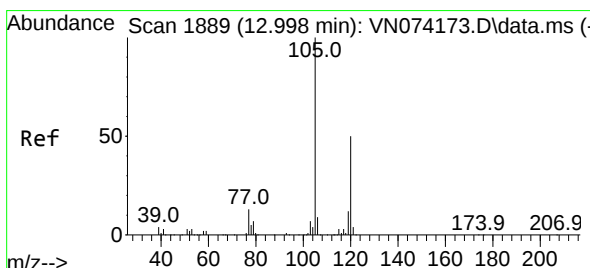
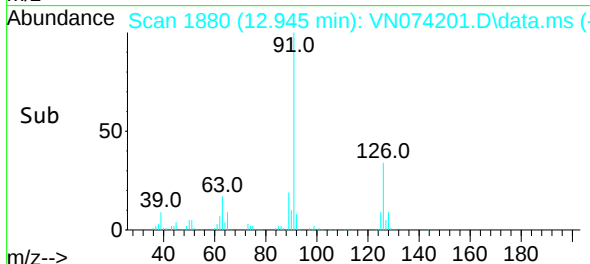
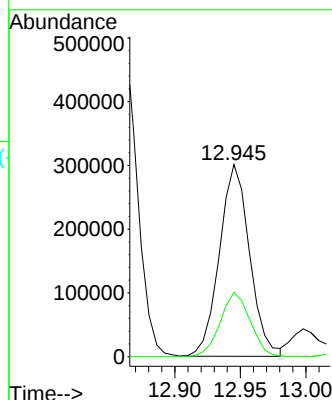
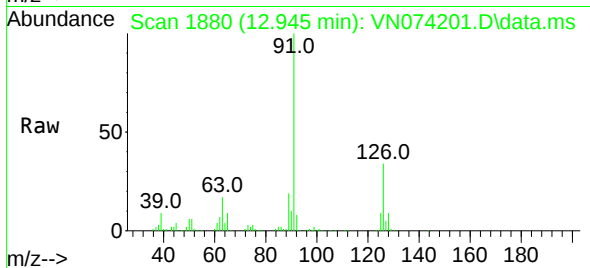
VSTDCCC050EC

Tgt Ion: 91 Resp: 481835

Ion Ratio Lower Upper

91 100

126 33.3 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 52.655 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN074201.D

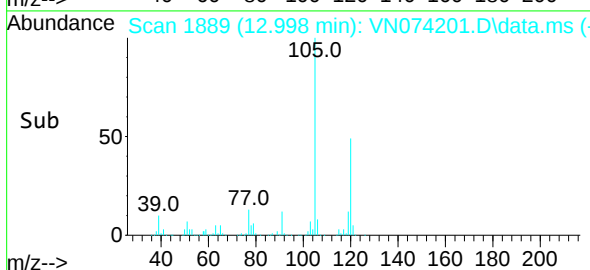
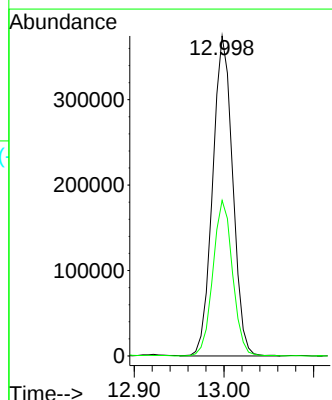
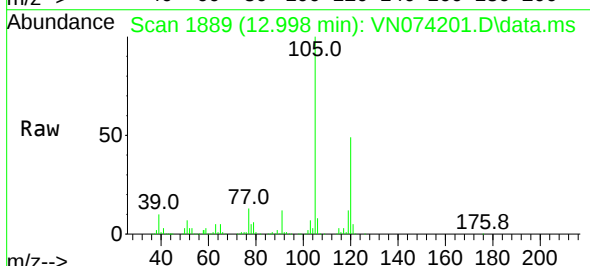
Acq: 31 Aug 2022 06:17

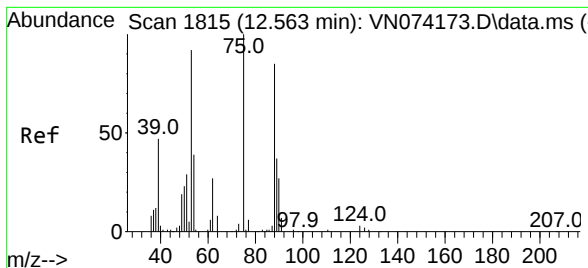
Tgt Ion: 105 Resp: 581090

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.7

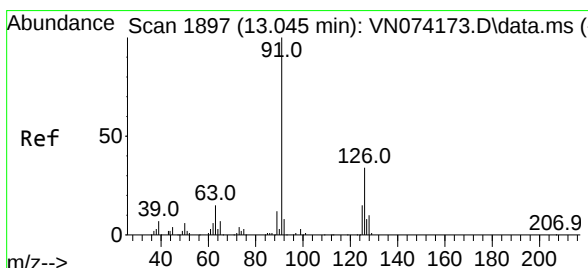
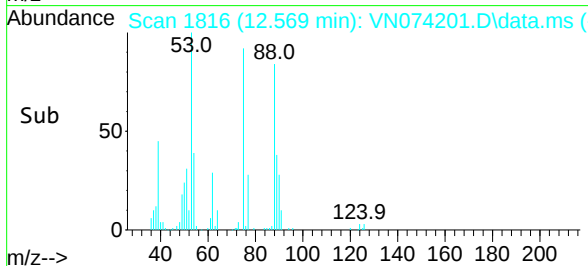
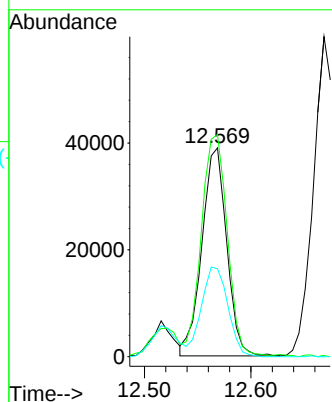
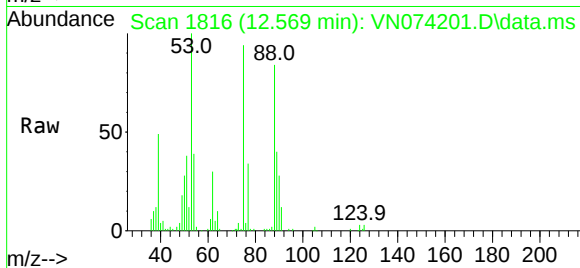




#81
trans-1,4-Dichloro-2-butene
Concen: 41.300 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

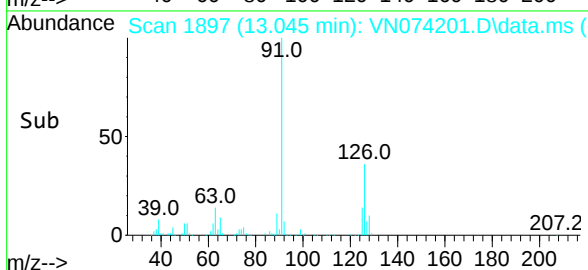
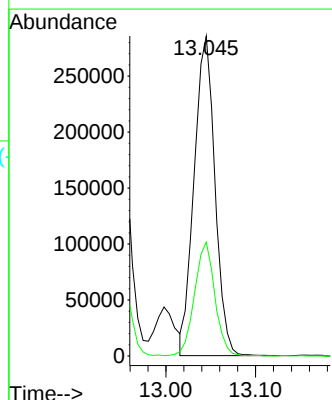
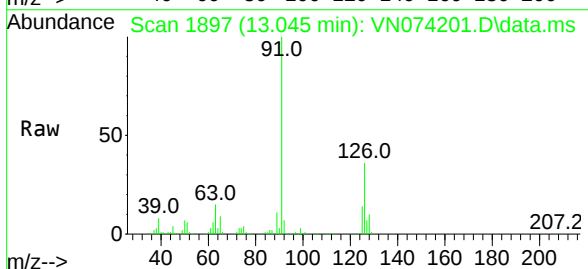
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

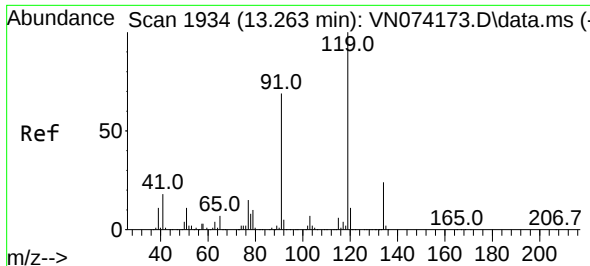
Tgt Ion: 75 Resp: 63046
Ion Ratio Lower Upper
75 100
53 111.1 78.0 117.0
89 45.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 50.127 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 91 Resp: 459539
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

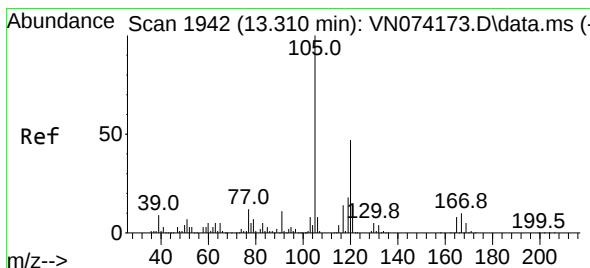
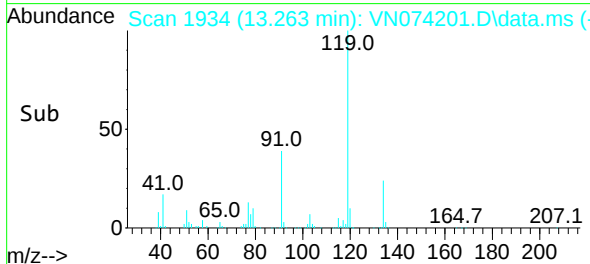
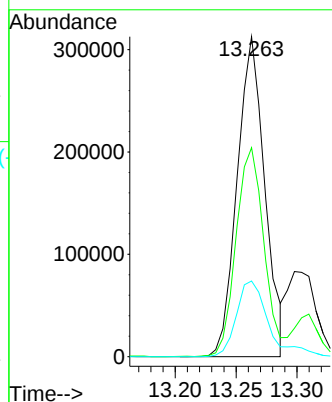
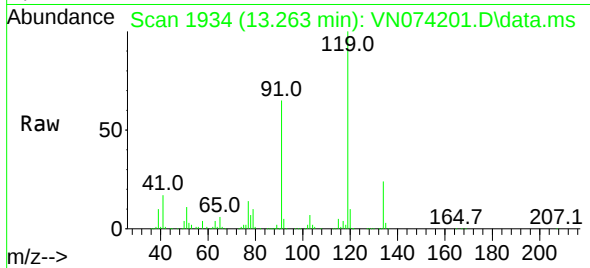




#83
tert-Butylbenzene
Concen: 52.327 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

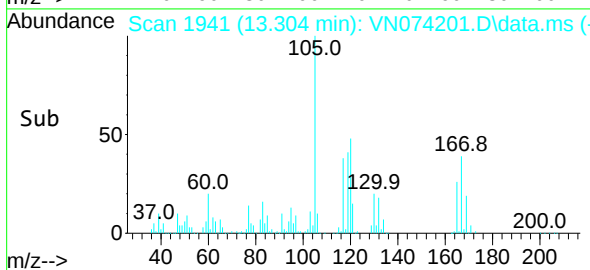
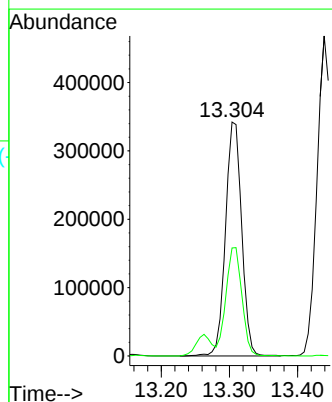
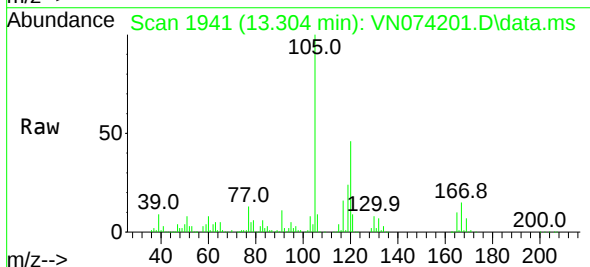
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

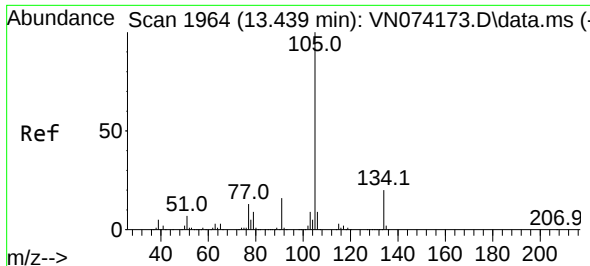
Tgt Ion:119 Resp: 493976
Ion Ratio Lower Upper
119 100
91 66.8 31.6 94.8
134 27.6 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 53.133 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion:105 Resp: 565916
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8

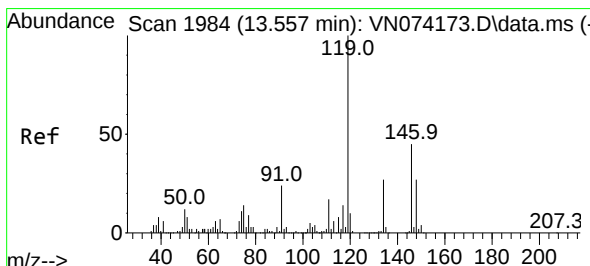
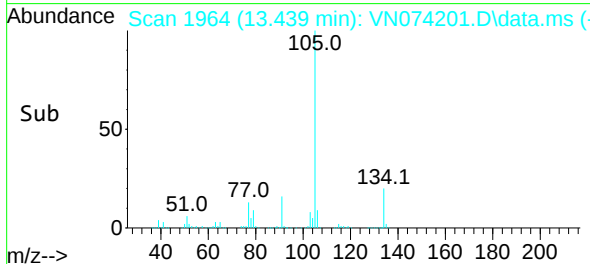
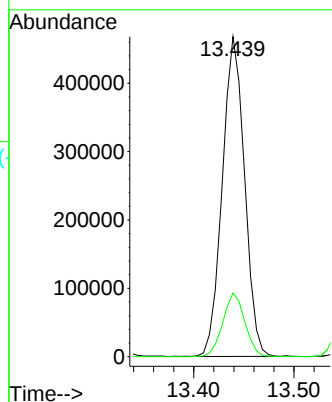
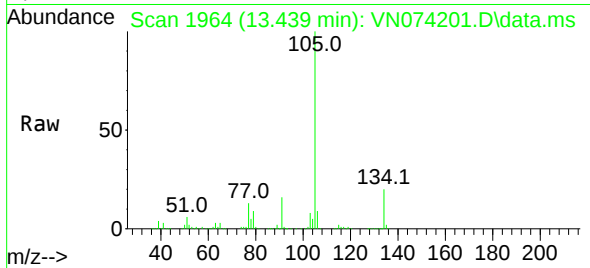




#85
 sec-Butylbenzene
 Concen: 54.421 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074201.D
 Acq: 31 Aug 2022 06:17

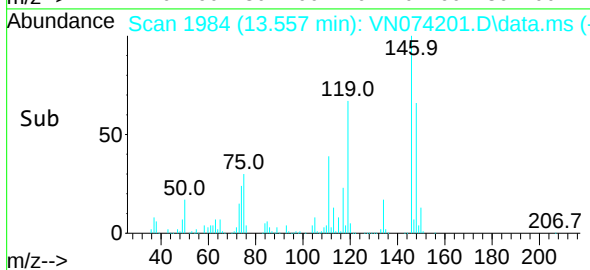
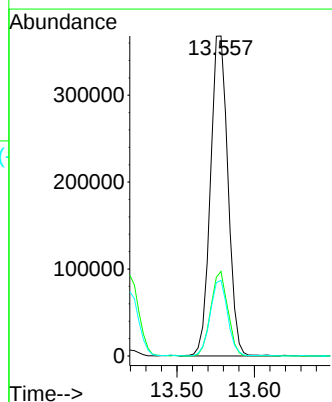
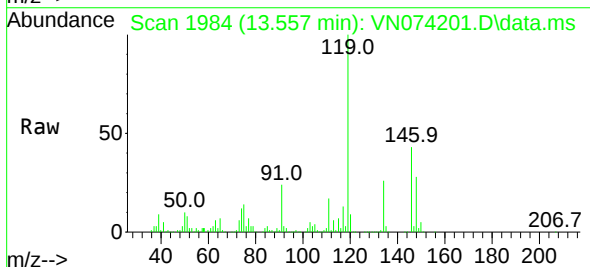
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

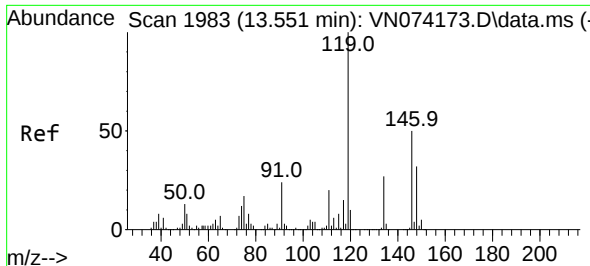
Tgt Ion:105 Resp: 720656
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 56.081 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074201.D
 Acq: 31 Aug 2022 06:17

Tgt Ion:119 Resp: 577860
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 23.7 11.3 33.9

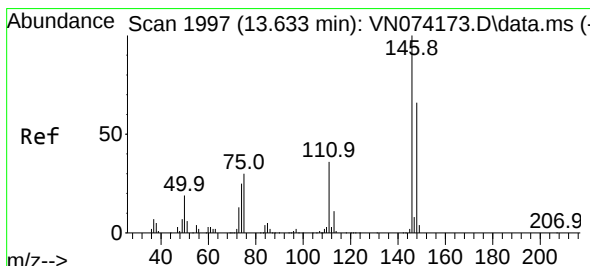
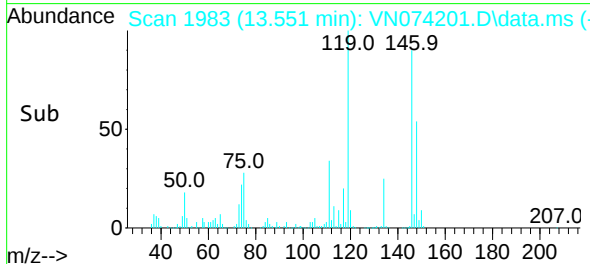
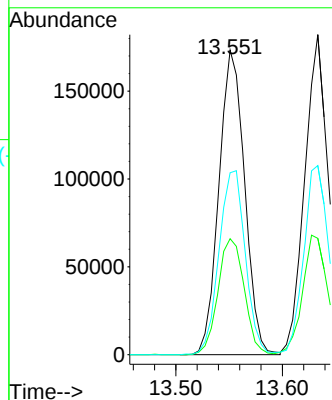
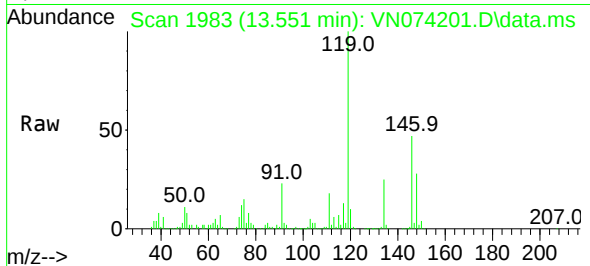




#87
1,3-Dichlorobenzene
Concen: 51.359 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

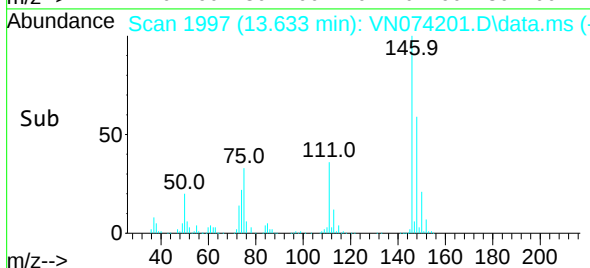
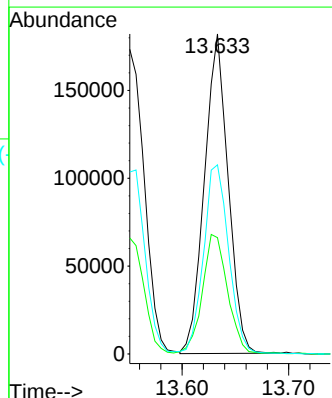
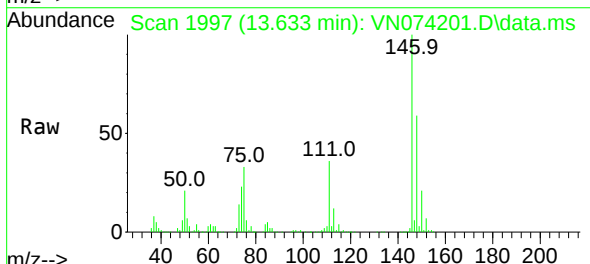
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

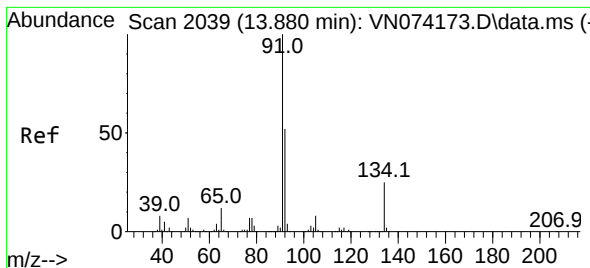
Tgt Ion:146 Resp: 290603
Ion Ratio Lower Upper
146 100
111 38.9 20.0 60.0
148 61.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.136 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion:146 Resp: 281773
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.1
148 63.2 31.4 94.3





#89

n-Butylbenzene

Concen: 54.958 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

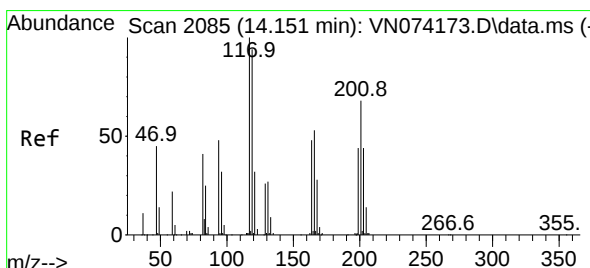
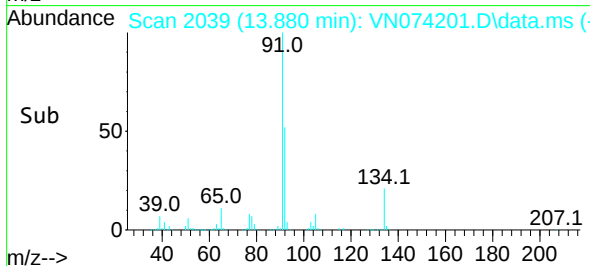
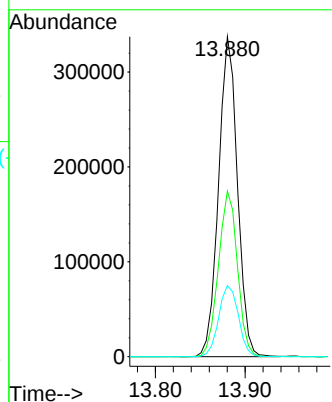
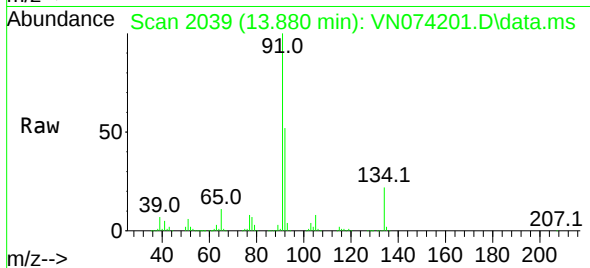
Tgt Ion: 91 Resp: 493193

Ion Ratio Lower Upper

91 100

92 52.2 26.9 80.7

134 23.2 13.6 40.8



#90

Hexachloroethane

Concen: 49.453 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.000 min

Lab File: VN074201.D

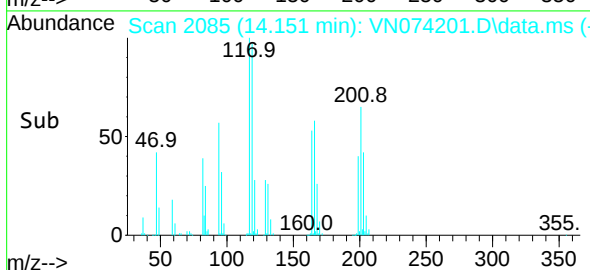
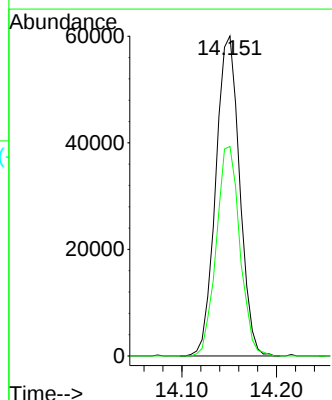
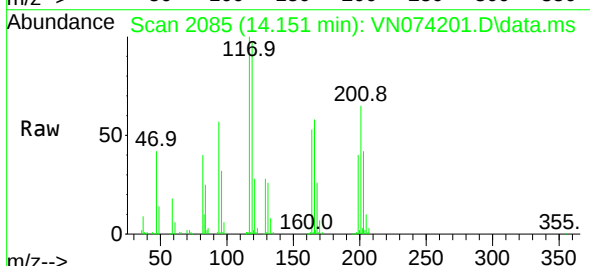
Acq: 31 Aug 2022 06:17

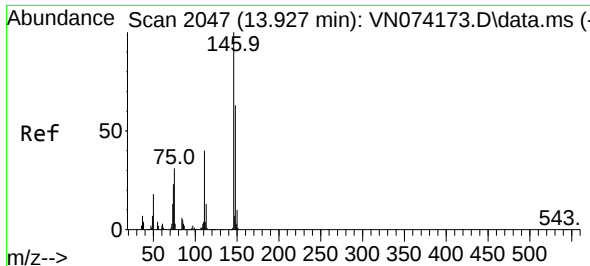
Tgt Ion: 117 Resp: 105052

Ion Ratio Lower Upper

117 100

201 64.7 40.6 122.0

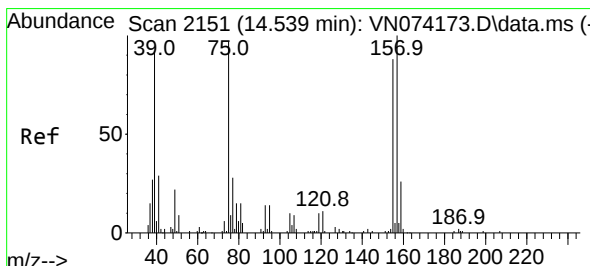
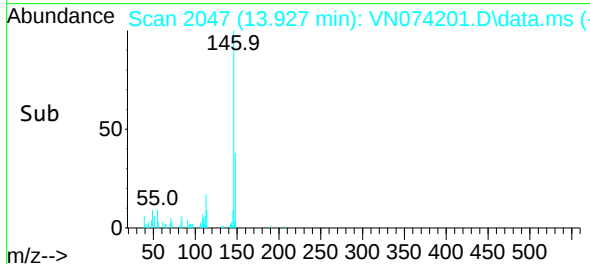
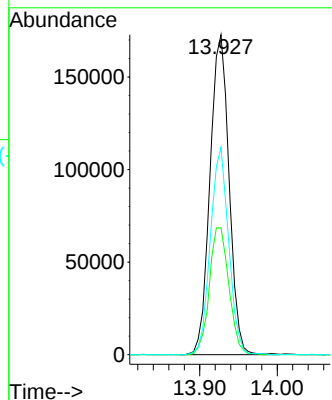
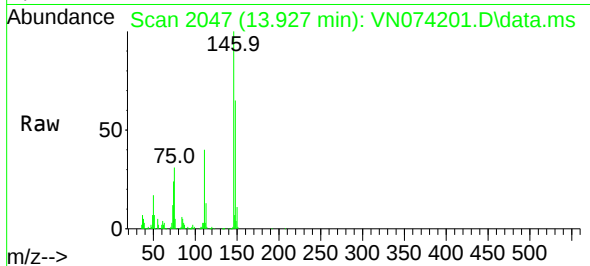




#91
1,2-Dichlorobenzene
Concen: 49.426 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

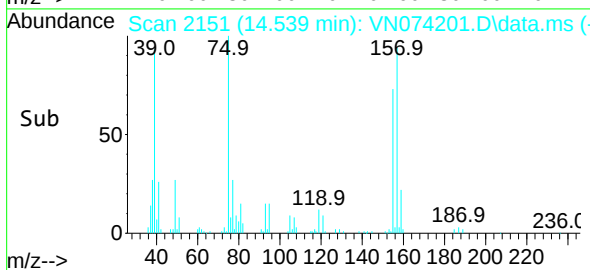
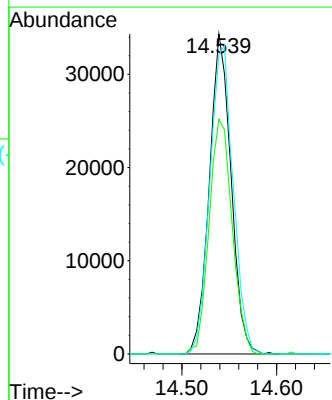
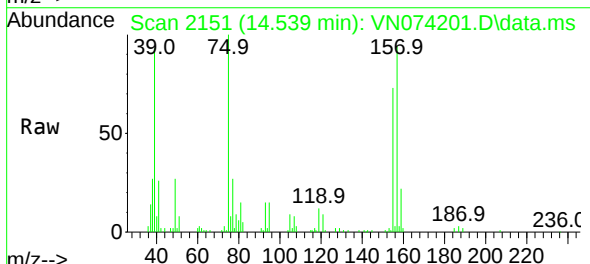
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

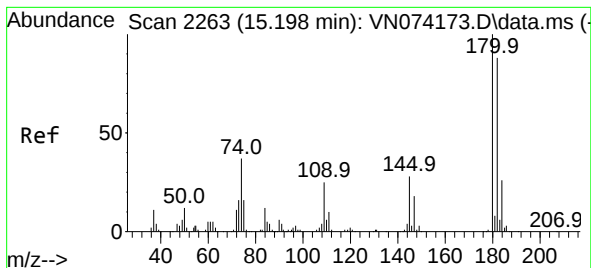
Tgt Ion:146 Resp: 294807
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 62.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.620 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN074201.D
Acq: 31 Aug 2022 06:17

Tgt Ion: 75 Resp: 54687
Ion Ratio Lower Upper
75 100
155 78.0 44.9 134.5
157 103.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 51.489 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074201.D

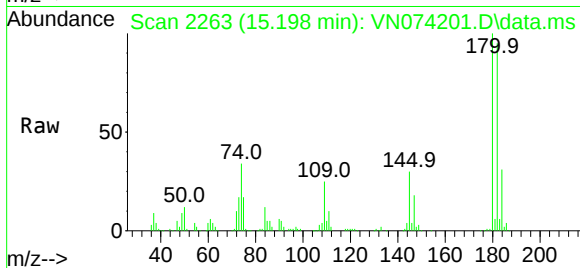
Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



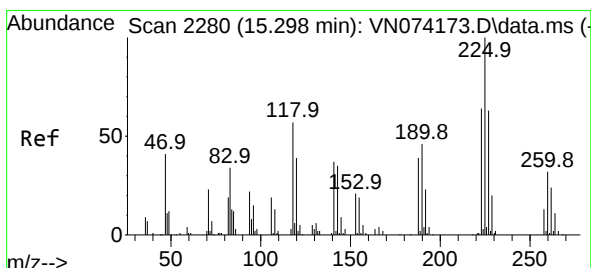
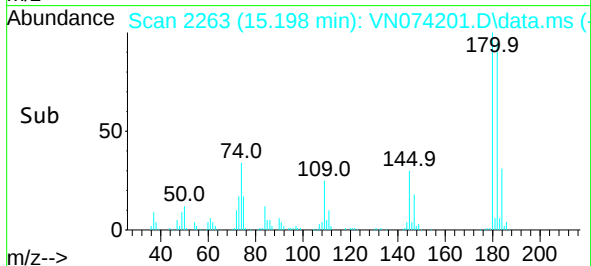
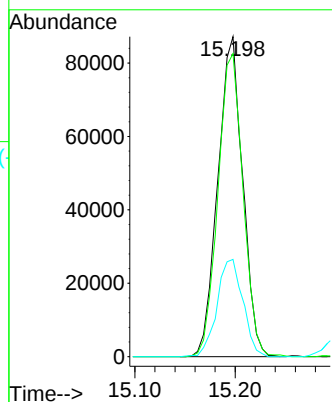
Tgt Ion:180 Resp: 150223

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 43.494 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

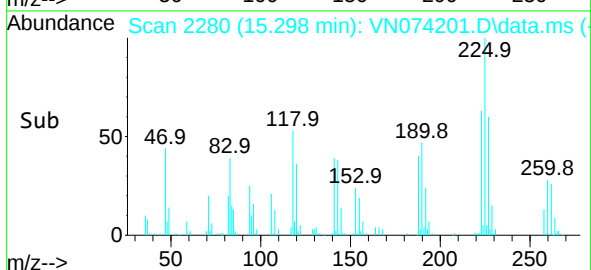
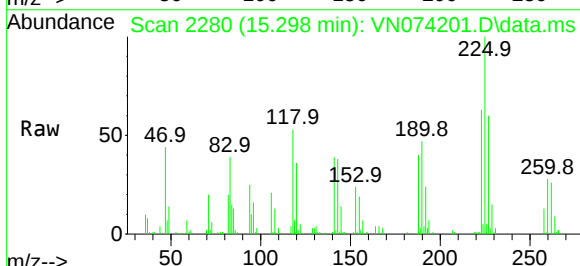
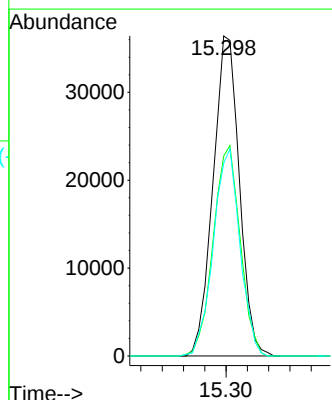
Tgt Ion:225 Resp: 62404

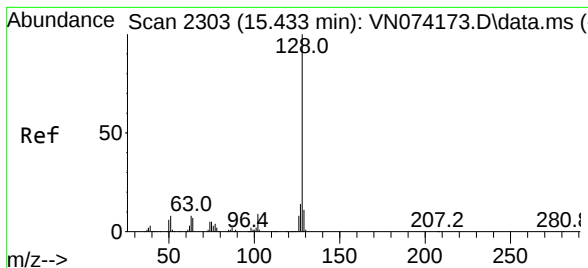
Ion Ratio Lower Upper

225 100

223 67.4 32.4 97.2

227 65.2 31.8 95.4





#95

Naphthalene

Concen: 49.866 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

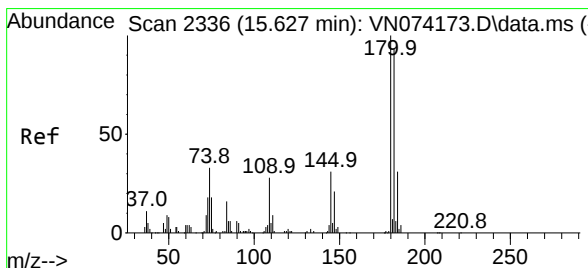
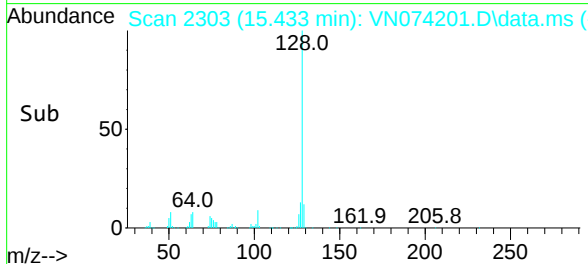
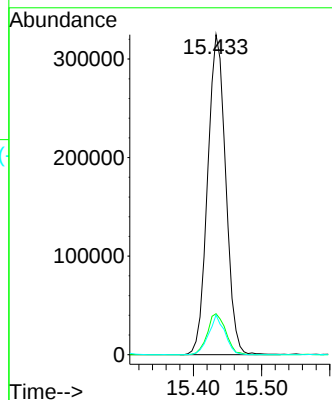
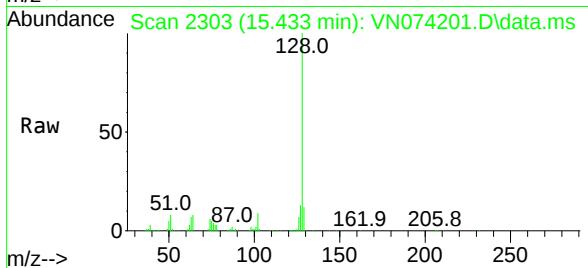
Tgt Ion:128 Resp: 599520

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.204 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VN074201.D

Acq: 31 Aug 2022 06:17

Tgt Ion:180 Resp: 157780

Ion Ratio Lower Upper

180 100

182 91.5 47.8 143.3

145 33.0 15.5 46.5

