

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074458.D
 Acq On : 15 Sep 2022 12:37
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 15 19:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	488758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	932926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	911246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	414626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	352076	51.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.780%
35) Dibromofluoromethane	7.951	113	290205	49.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	10.380	98	1068661	49.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.674	95	446227	57.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	1367	0.297	ug/l	76
3) Chloromethane	2.269	50	4616	0.798	ug/l	92
4) Vinyl Chloride	2.404	62	2001	0.414	ug/l #	43
5) Bromomethane	2.799	94	2689	1.213	ug/l #	1
6) Chloroethane	2.763	64	6953	2.234	ug/l #	42
7) Trichlorofluoromethane	3.316	101	1736	0.238	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	4.134	101	1237	0.254	ug/l #	71
11) Tert butyl alcohol	5.316	59	439	0.242	ug/l #	1
12) 1,1-Dichloroethene	4.128	96	1003	0.207	ug/l #	72
13) Acrolein	3.981	56	1793	2.468	ug/l #	16
15) Acrylonitrile	5.487	53	6649	1.585	ug/l #	73
16) Acetone	4.234	43	3993	1.049	ug/l #	65
17) Carbon Disulfide	4.440	76	6628	0.526	ug/l #	89
18) Methyl Acetate	4.781	43	9398	0.893	ug/l	91
20) Methylene Chloride	5.004	84	3915	0.611	ug/l #	47
21) trans-1,2-Dichloroethene	5.522	96	3442	0.646	ug/l #	21
23) Vinyl Acetate	6.351	43	4607	0.249	ug/l #	68
25) 2-Butanone	7.263	43	2115	0.344	ug/l #	64
27) cis-1,2-Dichloroethene	7.239	96	3590	0.560	ug/l	82
31) Cyclohexane	8.010	56	16744	1.707	ug/l #	36
36) 1,1-Dichloropropene	8.151	75	3132	0.385	ug/l #	67
37) Ethyl Acetate	7.334	43	3056	0.233	ug/l #	81
38) Carbon Tetrachloride	8.010	117	51700	6.168	ug/l #	17
39) Methylcyclohexane	9.392	83	2969	0.301	ug/l #	80
44) Trichloroethene	9.151	130	1999	0.319	ug/l	87
46) Dibromomethane	9.516	93	1223	0.278	ug/l #	34
49) 1,4-Dioxane	9.516	88	301	1.608	ug/l #	4
52) Toluene	10.445	92	3713	0.237	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	2870	0.301	ug/l #	1
54) cis-1,3-Dichloropropene	10.133	75	2420	0.233	ug/l #	86
58) 2-Chloroethyl Vinyl ether	9.992	63	1655	0.338	ug/l #	44
59) 2-Hexanone	11.033	43	10574	1.105	ug/l	93
64) Tetrachloroethene	10.916	164	1839	0.331	ug/l #	63
65) Chlorobenzene	11.710	112	5041	0.276	ug/l #	75
67) Ethyl Benzene	11.786	91	7841	0.241	ug/l #	76
68) m/p-Xylenes	11.892	106	6082	0.479	ug/l	99

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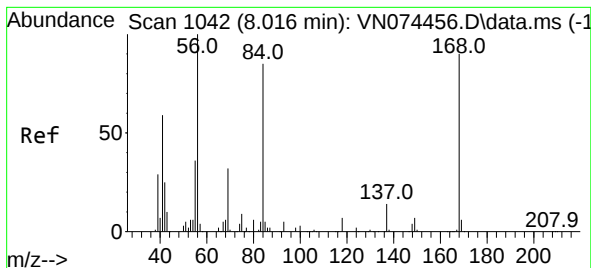
Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Sep 15 19:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

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

70) Styrene	12.233	104	5091	0.249	ug/l #	81
74) N-amyl acetate	12.333	43	7338	0.415	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.774	83	2469	0.204	ug/l #	75
76) 1,2,3-Trichloropropane	12.674	75	255176	24.524	ug/l #	1
77) Bromobenzene	12.798	156	1858	0.241	ug/l	59
78) n-propylbenzene	12.868	91	11296	0.305	ug/l	99
79) 2-Chlorotoluene	12.945	91	7486	0.317	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	6460	0.238	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.674	75	255176	63.508	ug/l #	11
82) 4-Chlorotoluene	13.051	91	9425	0.422	ug/l	99
83) tert-Butylbenzene	13.263	119	5082	0.205	ug/l	91
84) 1,2,4-Trimethylbenzene	13.310	105	6898	0.255	ug/l	96
85) sec-Butylbenzene	13.445	105	7630	0.228	ug/l	90
86) p-Isopropyltoluene	13.557	119	6019	0.224	ug/l #	73
87) 1,3-Dichlorobenzene	13.557	146	6108	0.437	ug/l	89
88) 1,4-Dichlorobenzene	13.557	146	6108	0.434	ug/l	86
89) n-Butylbenzene	13.880	91	10323	0.462	ug/l	93
90) Hexachloroethane	14.139	117	1966	0.381	ug/l #	29
91) 1,2-Dichlorobenzene	13.921	146	5549	0.383	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.551	75	2912	0.916	ug/l	60
93) 1,2,4-Trichlorobenzene	15.198	180	10019	1.279	ug/l	95
94) Hexachlorobutadiene	15.304	225	1471	0.434	ug/l	74
95) Naphthalene	15.439	128	66845	2.076	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	15355	1.830	ug/l	91

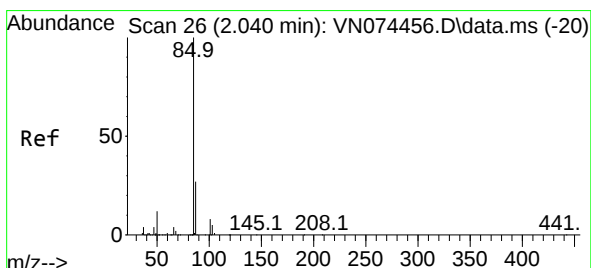
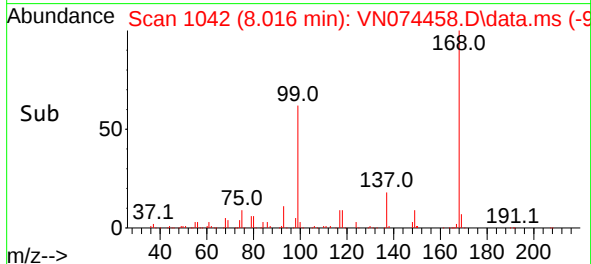
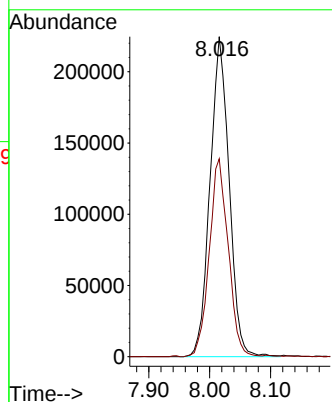
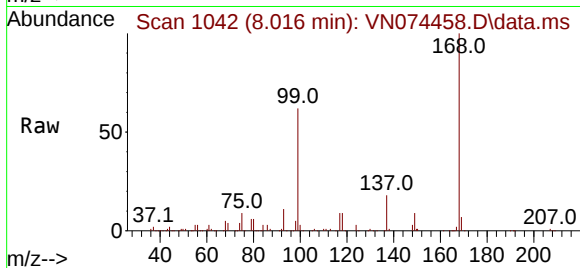
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

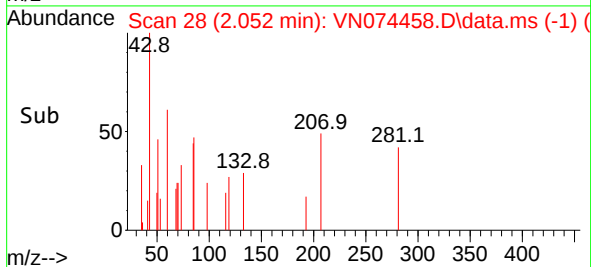
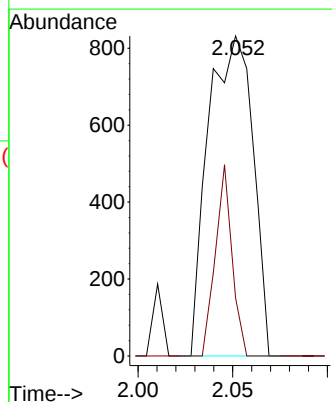
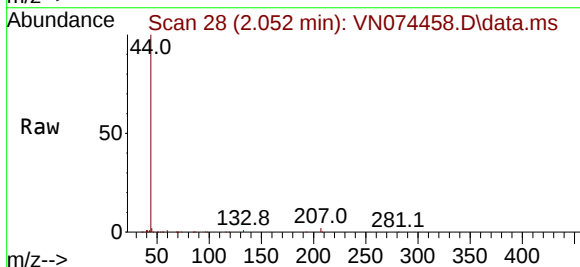
Instrument :
MSVOA_N
ClientSampleId :
IBLK

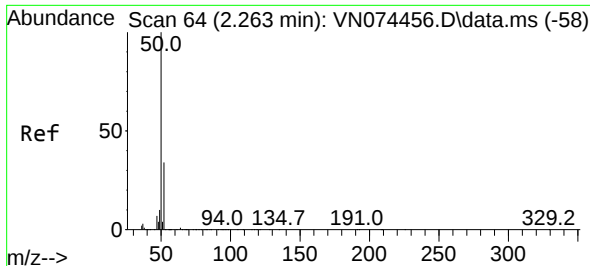
Tgt Ion:168 Resp: 488758
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.297 ug/l
RT: 2.052 min Scan# 28
Delta R.T. 0.012 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 85 Resp: 1367
Ion Ratio Lower Upper
85 100
87 18.1 15.7 47.1

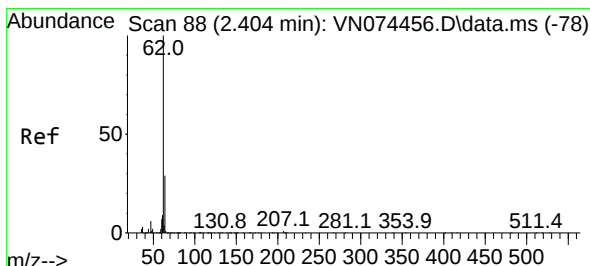
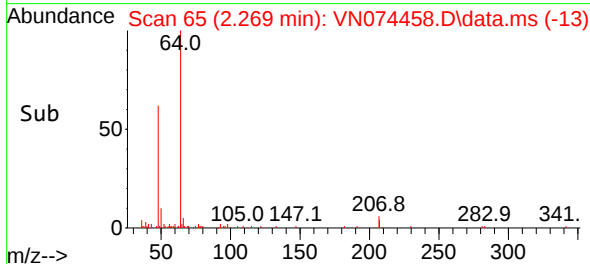
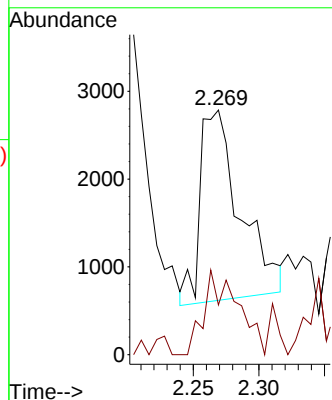
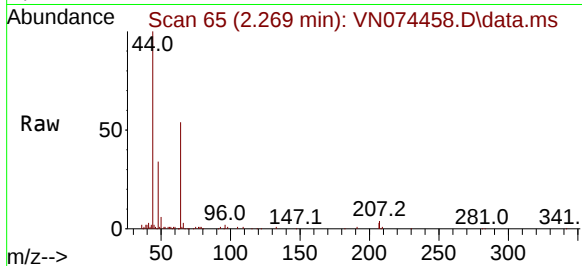




#3
Chloromethane
Concen: 0.798 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

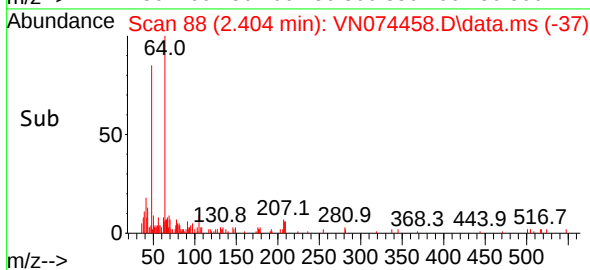
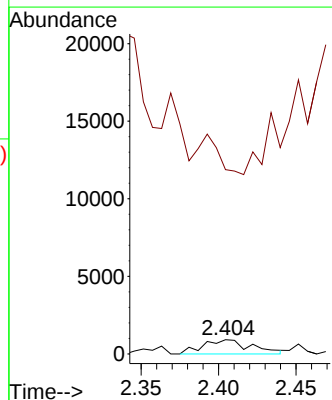
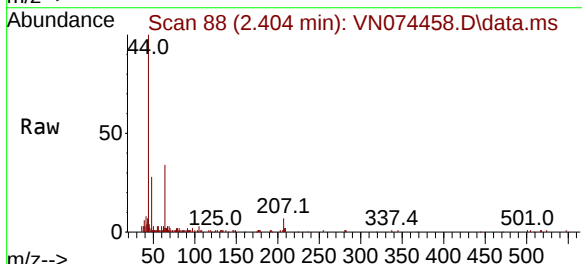
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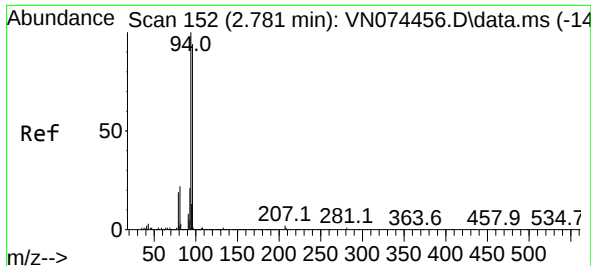
Tgt Ion: 50 Resp: 4616
Ion Ratio Lower Upper
50 100
52 27.4 25.7 38.5



#4
Vinyl Chloride
Concen: 0.414 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 62 Resp: 2001
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.4#

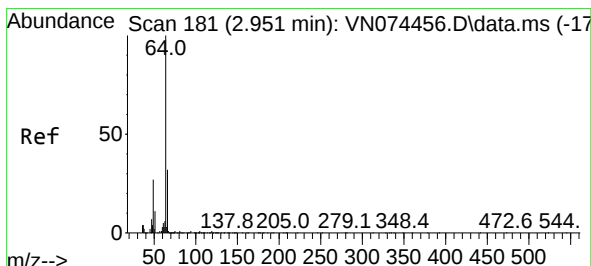
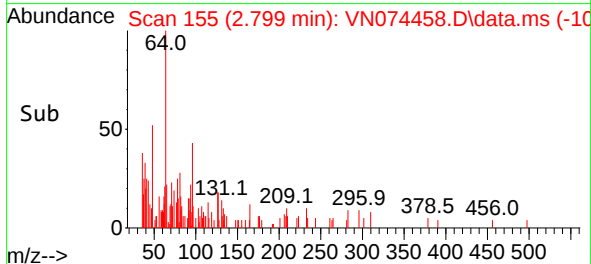
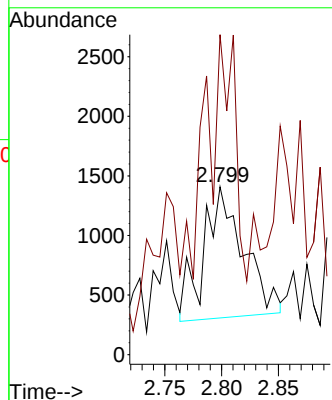
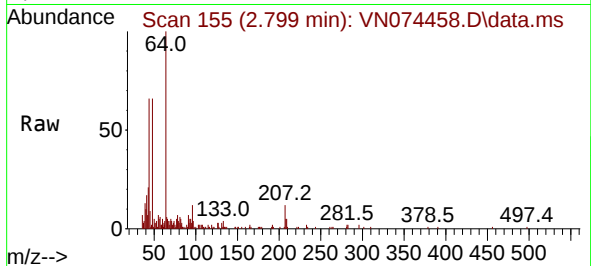




#5
Bromomethane
Concen: 1.213 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

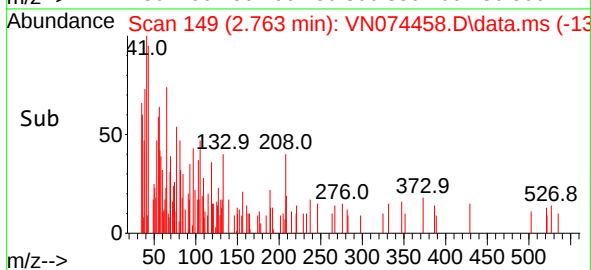
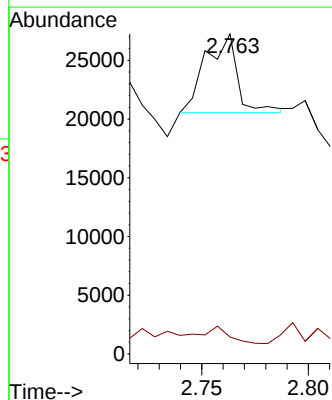
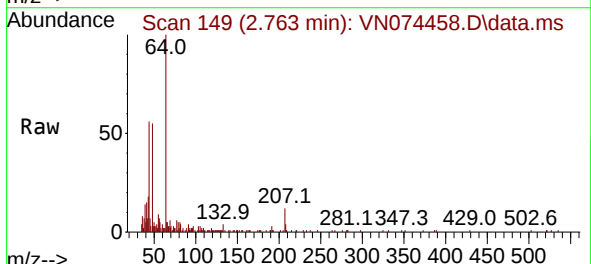
Instrument :
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ClientSampleId :
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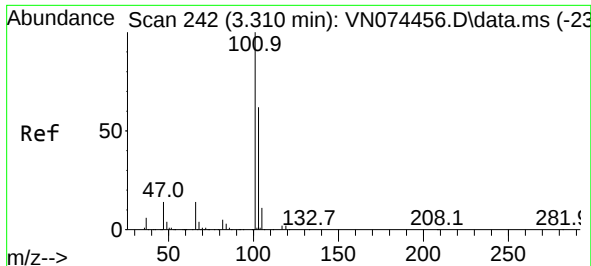
Tgt Ion: 94 Resp: 2689
Ion Ratio Lower Upper
94 100
96 190.8 76.0 114.0#



#6
Chloroethane
Concen: 2.234 ug/l
RT: 2.763 min Scan# 149
Delta R.T. -0.188 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 64 Resp: 6953
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

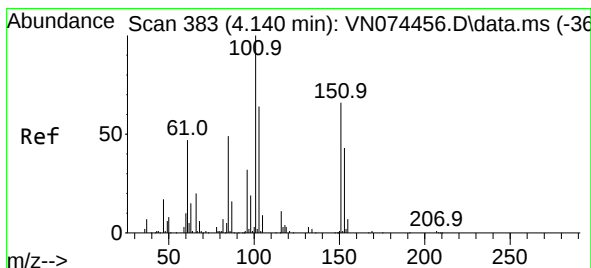
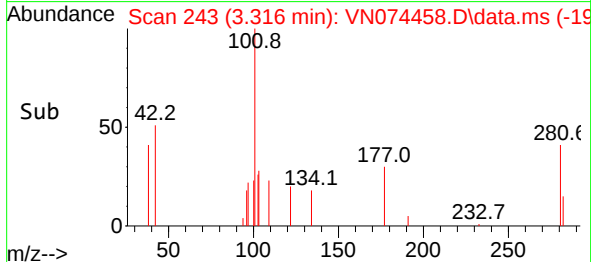
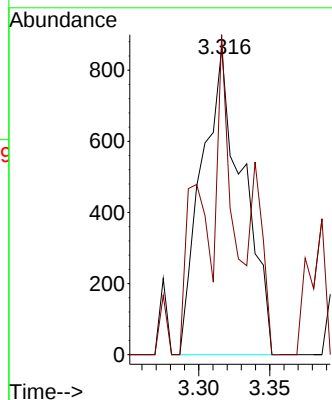
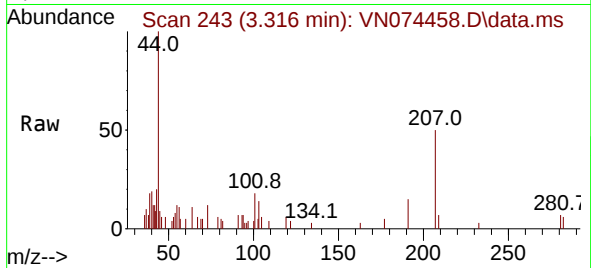




#7
 Trichlorofluoromethane
 Concen: 0.238 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

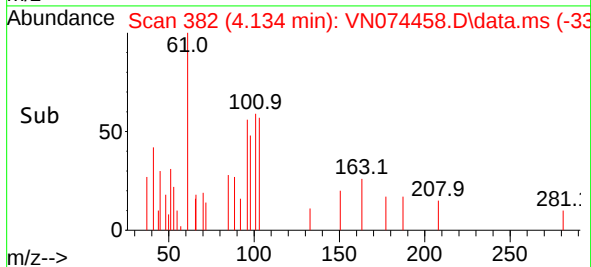
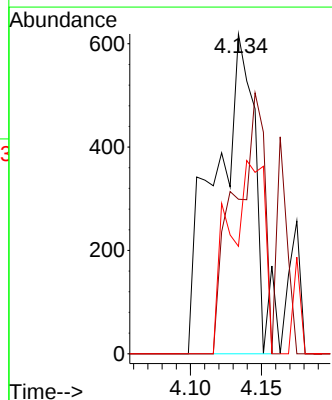
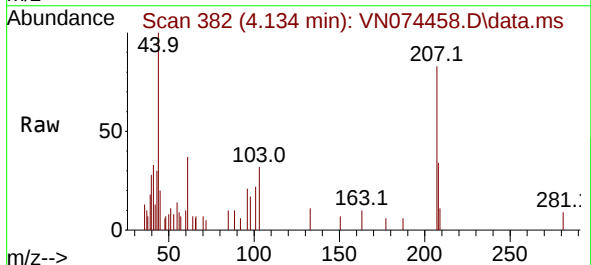
Instrument :
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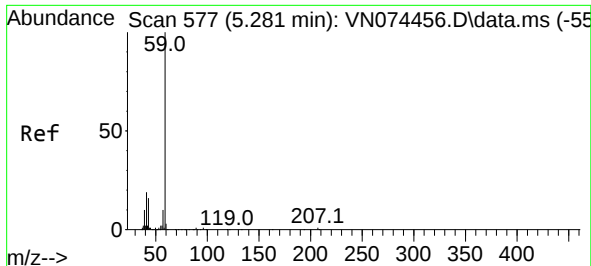
Tgt Ion:101 Resp: 1736
 Ion Ratio Lower Upper
 101 100
 103 104.4 51.5 77.3#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.254 ug/l
 RT: 4.134 min Scan# 382
 Delta R.T. -0.006 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

Tgt Ion:101 Resp: 1237
 Ion Ratio Lower Upper
 101 100
 85 59.3 34.7 52.1#
 151 51.8 63.0 94.4#

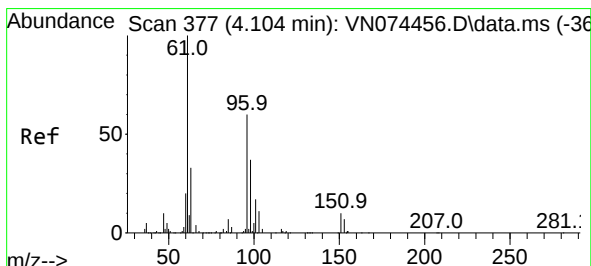
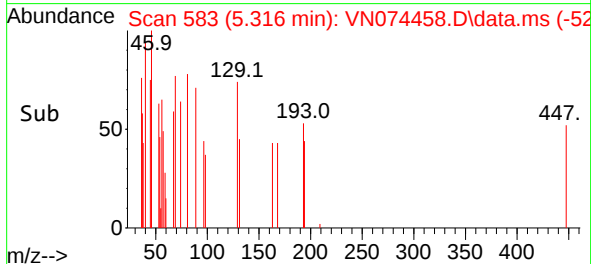
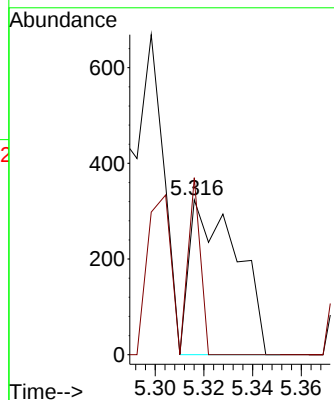
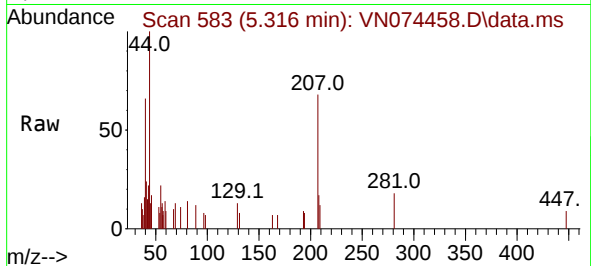




#11
Tert butyl alcohol
Concen: 0.242 ug/l
RT: 5.316 min Scan# 51
Delta R.T. 0.035 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

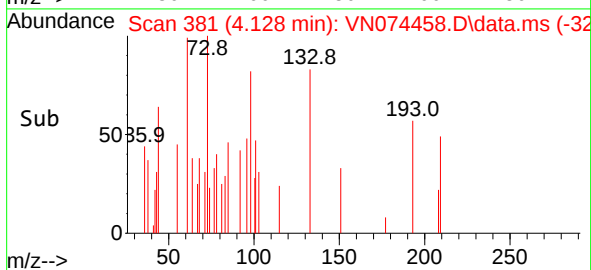
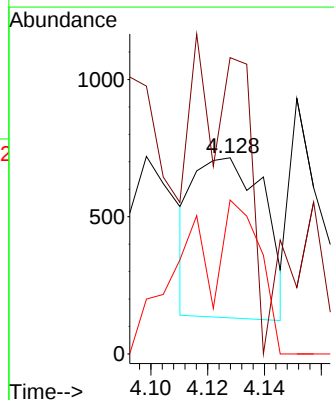
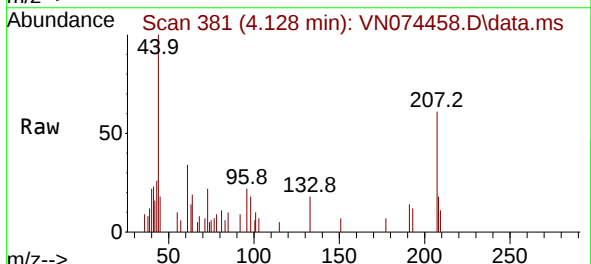
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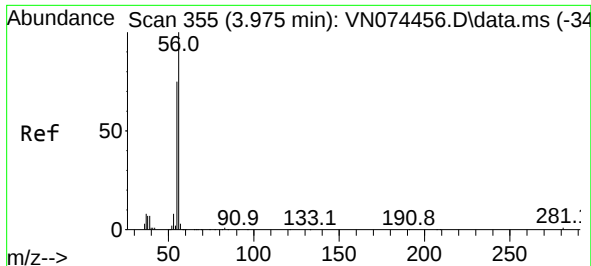
Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 80.6 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.207 ug/l
RT: 4.128 min Scan# 381
Delta R.T. 0.024 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 96 Resp: 1003
Ion Ratio Lower Upper
96 100
61 162.2 127.6 191.4
98 136.8 51.2 76.8#

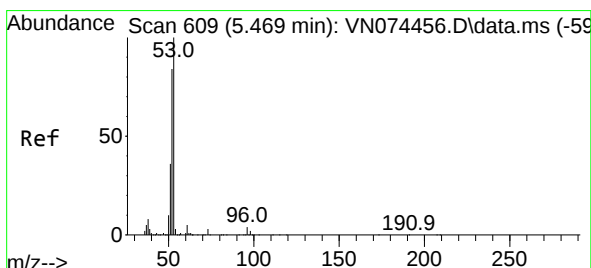
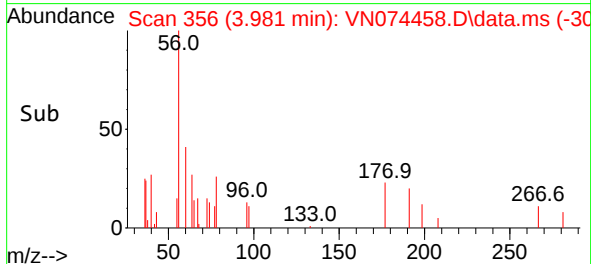
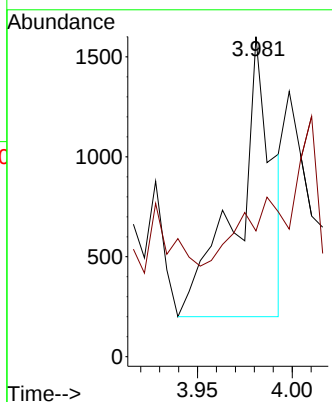
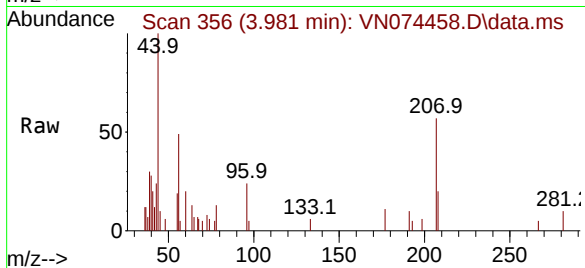




#13
Acrolein
Concen: 2.468 ug/l
RT: 3.981 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

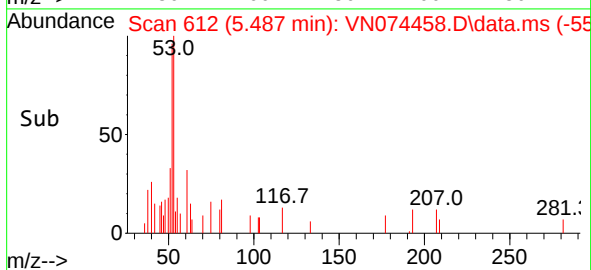
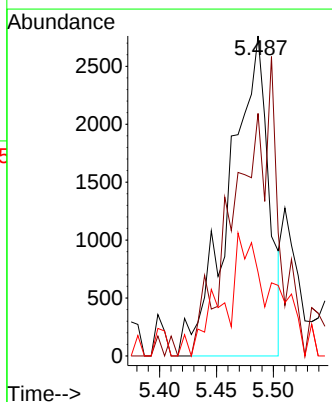
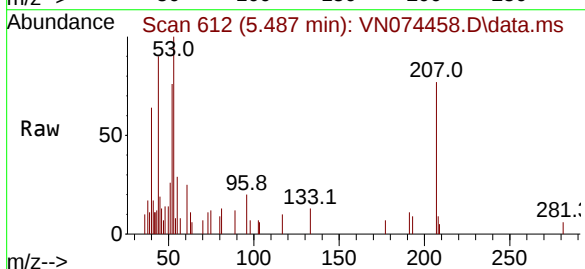
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ClientSampleId :
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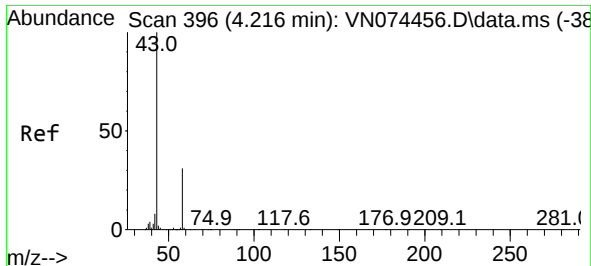
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Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#15
Acrylonitrile
Concen: 1.585 ug/l
RT: 5.487 min Scan# 612
Delta R.T. 0.018 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 53 Resp: 6649
Ion Ratio Lower Upper
53 100
52 94.1 66.4 99.6
51 0.0 28.5 42.7#

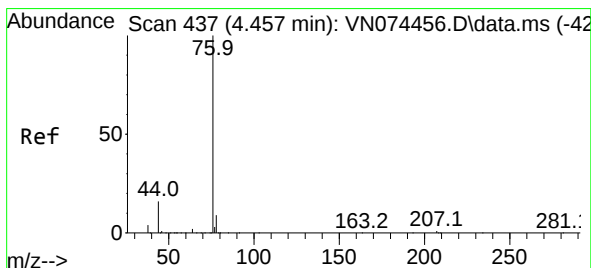
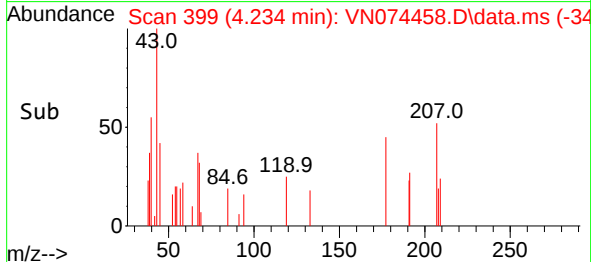
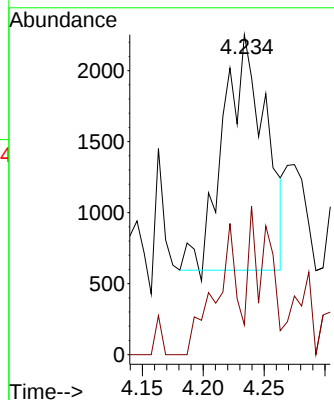
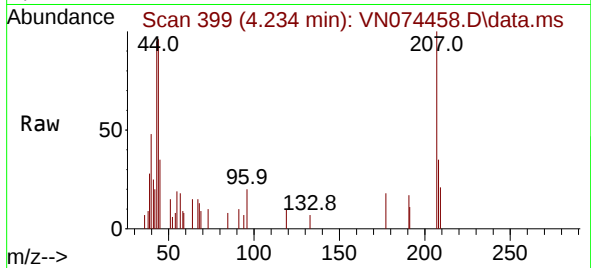




#16
Acetone
Concen: 1.049 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

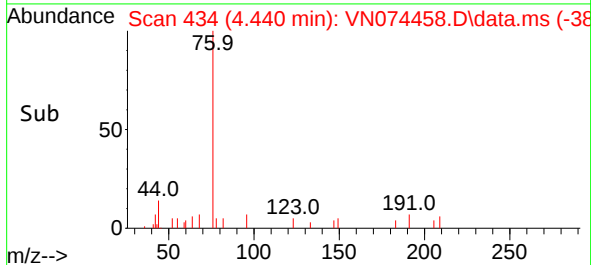
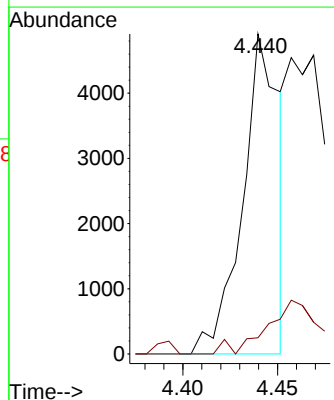
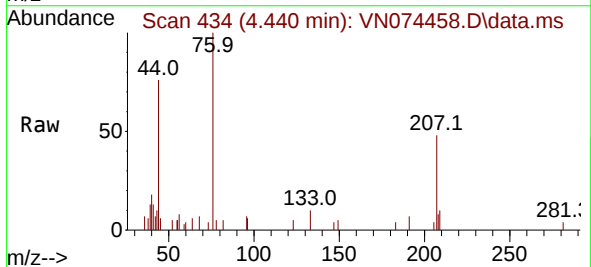
Instrument :
MSVOA_N
ClientSampleId :
IBLK

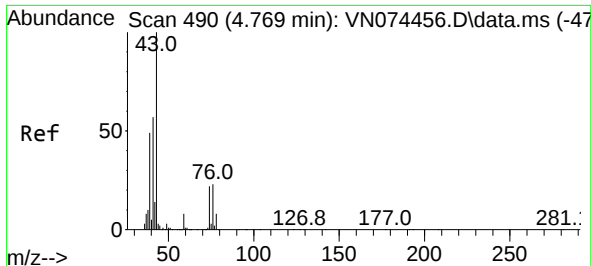
Tgt Ion: 43 Resp: 3993
Ion Ratio Lower Upper
43 100
58 12.6 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.526 ug/l
RT: 4.440 min Scan# 434
Delta R.T. -0.018 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 76 Resp: 6628
Ion Ratio Lower Upper
76 100
78 5.1 7.2 10.8#

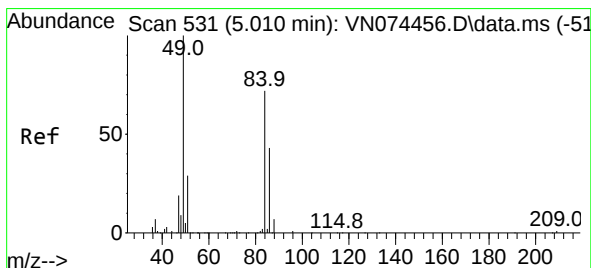
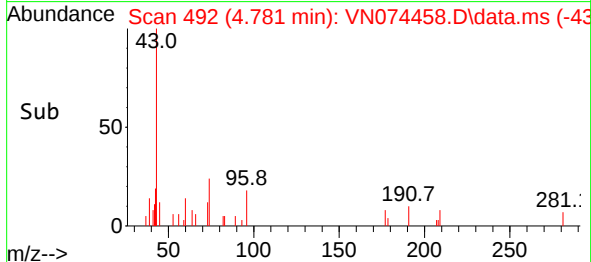
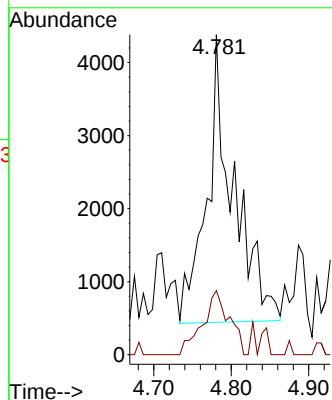
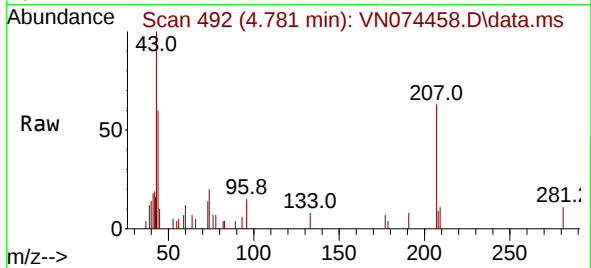




#18
Methyl Acetate
Concen: 0.893 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

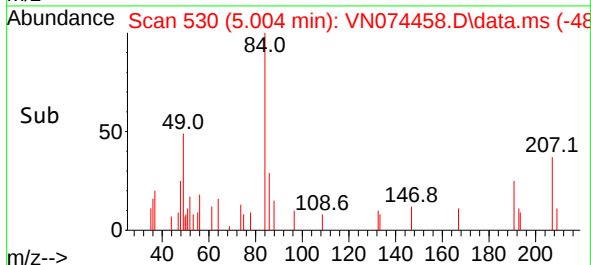
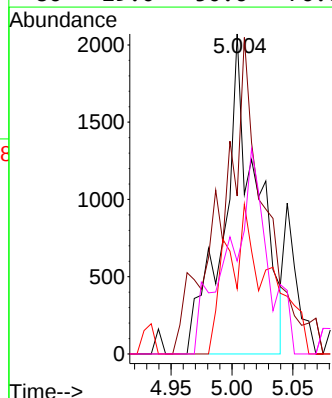
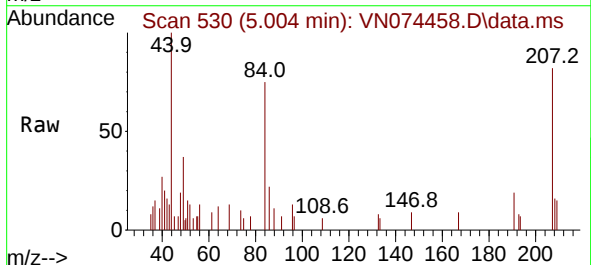
Instrument :
MSVOA_N
ClientSampleId :
IBLK

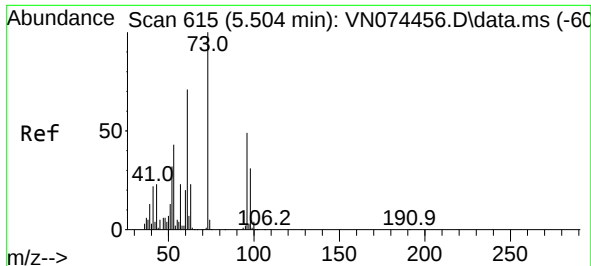
Tgt Ion: 43 Resp: 9398
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4



#20
Methylene Chloride
Concen: 0.611 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 84 Resp: 3915
Ion Ratio Lower Upper
84 100
49 40.3 88.3 132.5#
51 20.4 28.2 42.2#
86 29.0 50.6 76.0#

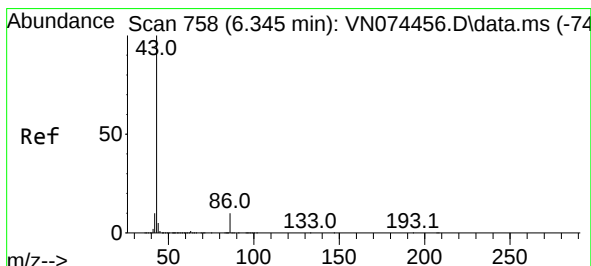
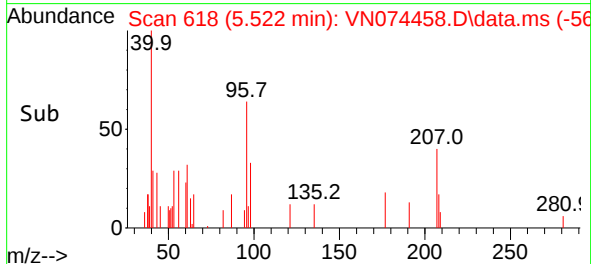
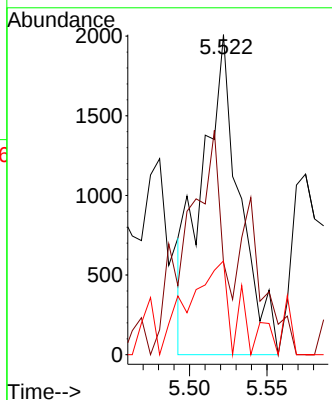
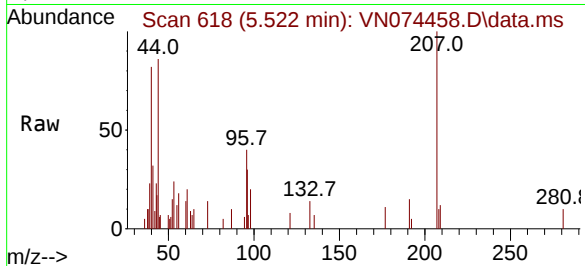




#21
trans-1,2-Dichloroethene
Concen: 0.646 ug/l
RT: 5.522 min Scan# 618
Delta R.T. 0.018 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

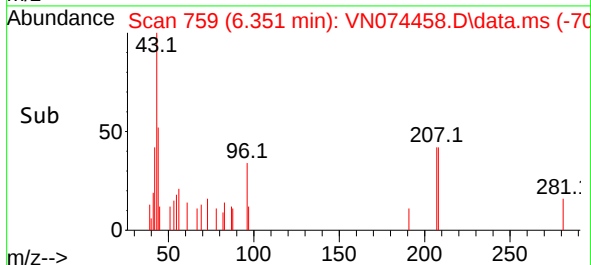
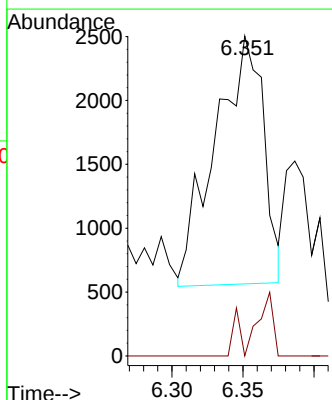
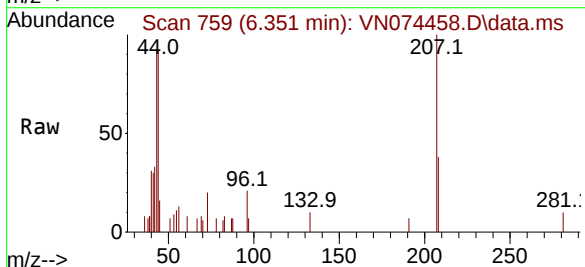
Instrument :
MSVOA_N
ClientSampleId :
IBLK

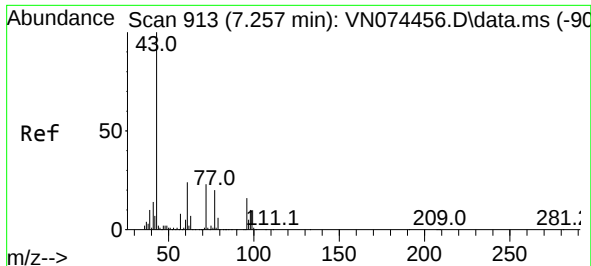
Tgt Ion: 96 Resp: 3442
Ion Ratio Lower Upper
96 100
61 19.4 105.8 158.8#
98 29.3 50.3 75.5#



#23
Vinyl Acetate
Concen: 0.249 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
86 0.0 10.0 15.0#

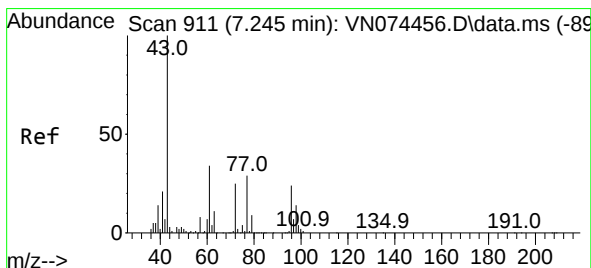
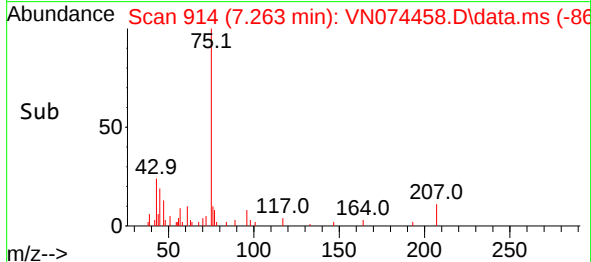
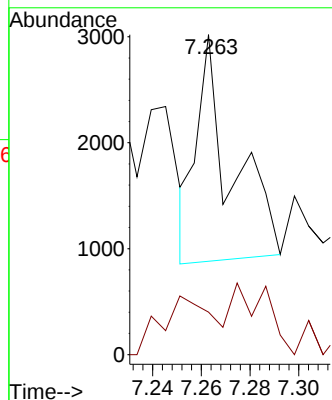
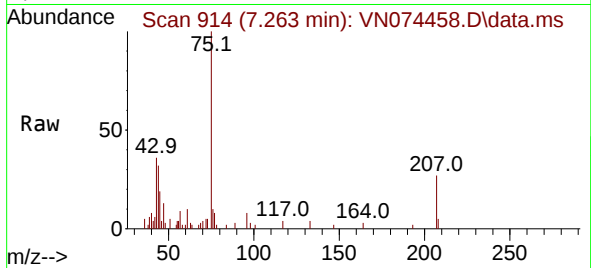




#25
2-Butanone
Concen: 0.344 ug/l
RT: 7.263 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

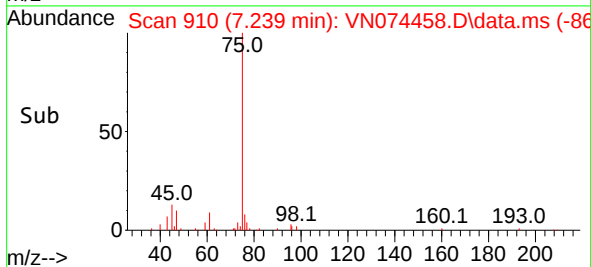
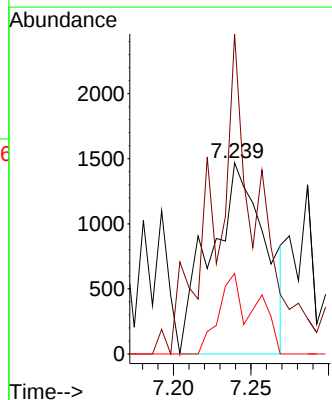
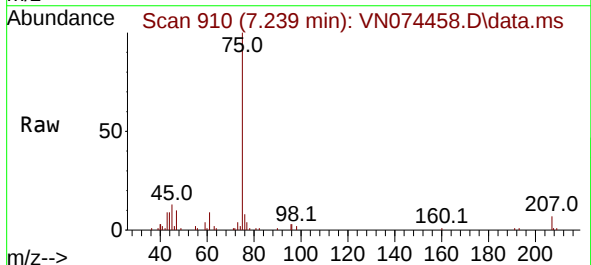
Instrument :
MSVOA_N
ClientSampleId :
IBLK

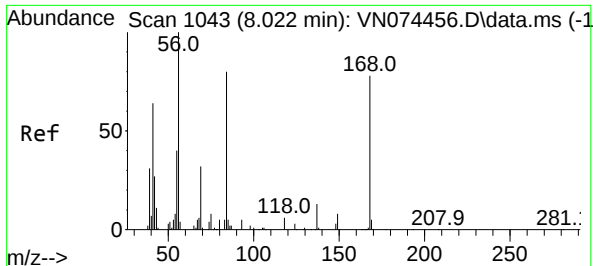
Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
72 10.4 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.560 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 96 Resp: 3590
Ion Ratio Lower Upper
96 100
61 133.3 0.0 280.6
98 27.9 0.0 128.4





#31

Cyclohexane

Concen: 1.707 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK

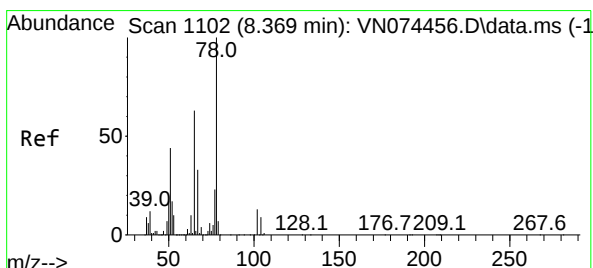
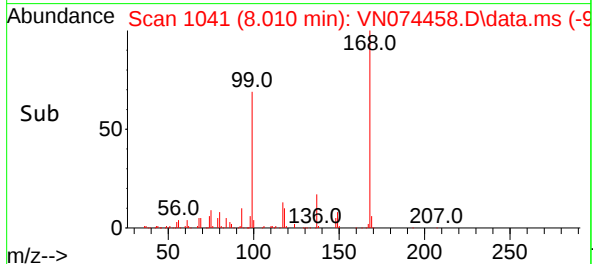
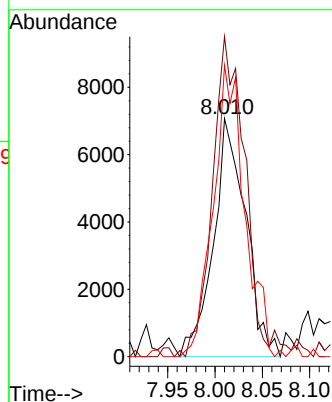
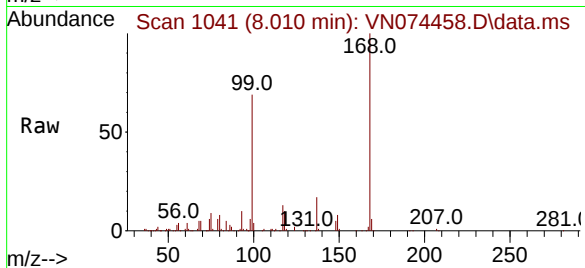
Tgt Ion: 56 Resp: 16744

Ion Ratio Lower Upper

56 100

69 131.8 27.8 41.8#

84 122.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 51.391 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074458.D

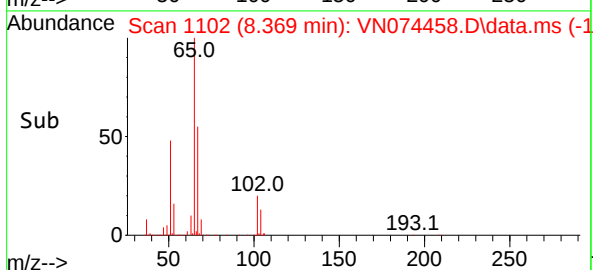
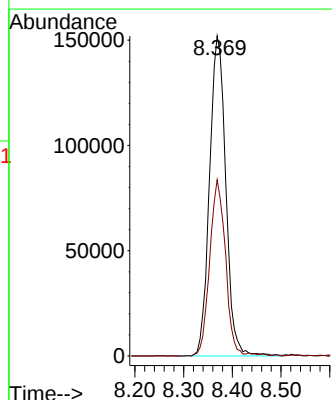
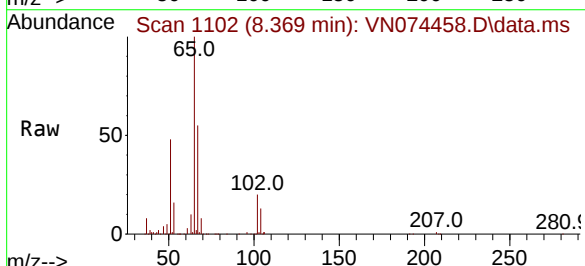
Acq: 15 Sep 2022 12:37

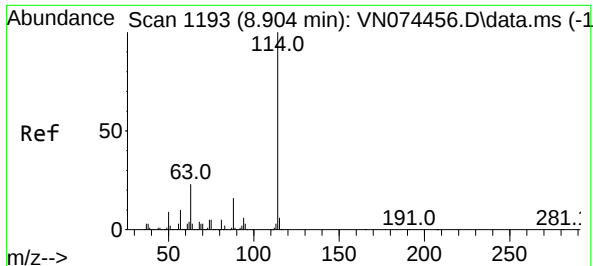
Tgt Ion: 65 Resp: 352076

Ion Ratio Lower Upper

65 100

67 53.0 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: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK

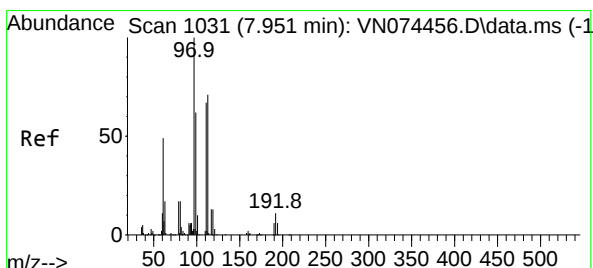
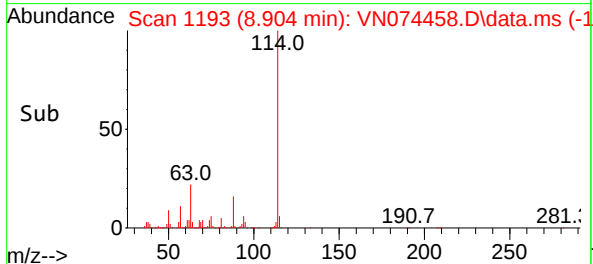
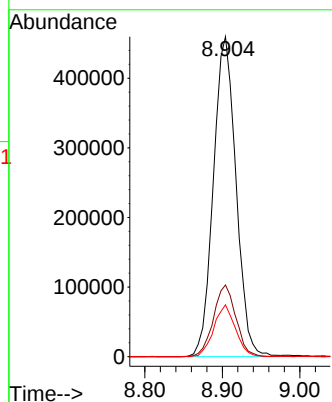
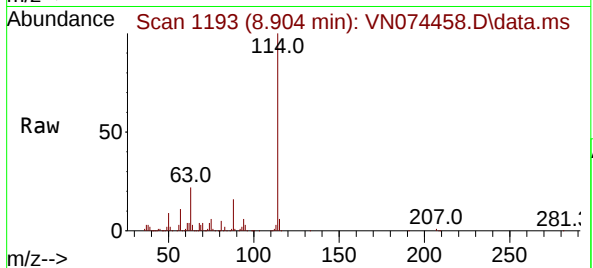
Tgt Ion:114 Resp: 932926

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.893 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

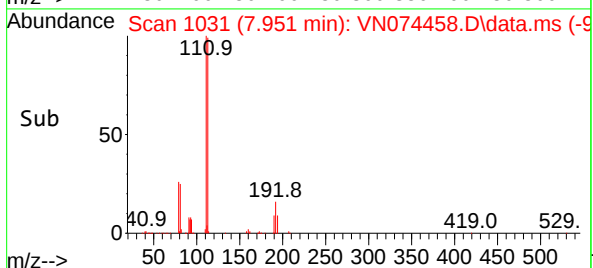
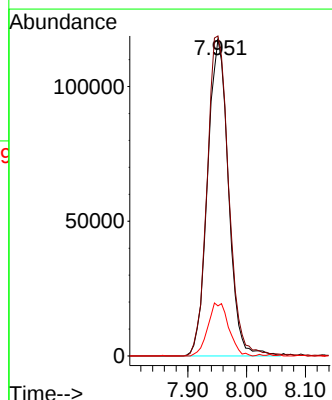
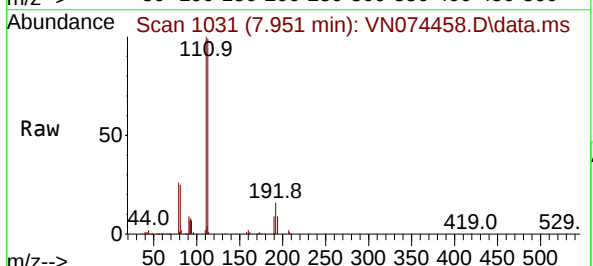
Tgt Ion:113 Resp: 290205

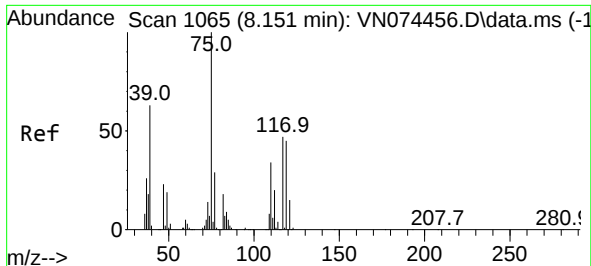
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 16.8 17.0 25.6#

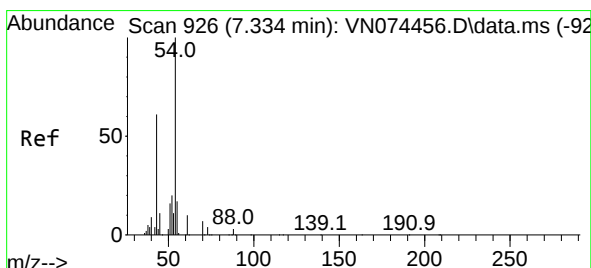
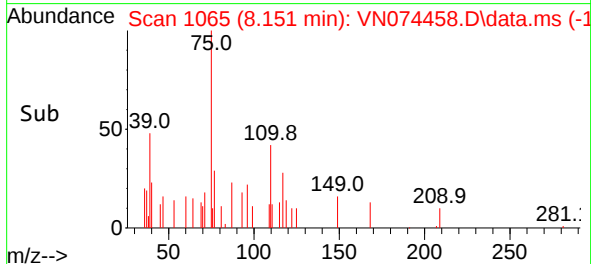
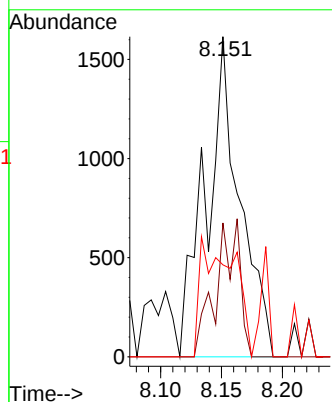
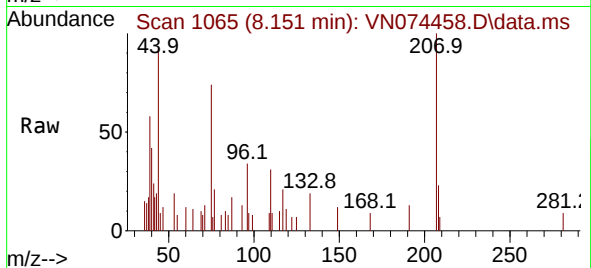




#36
1,1-Dichloropropene
Concen: 0.385 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

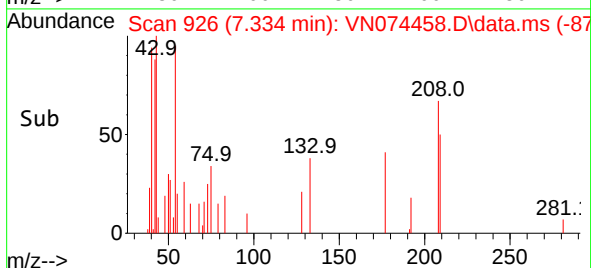
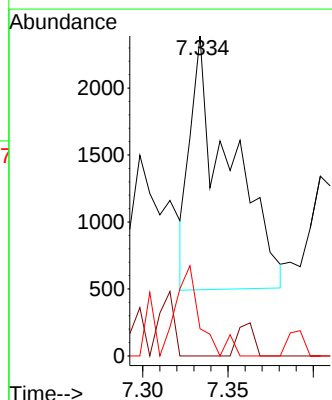
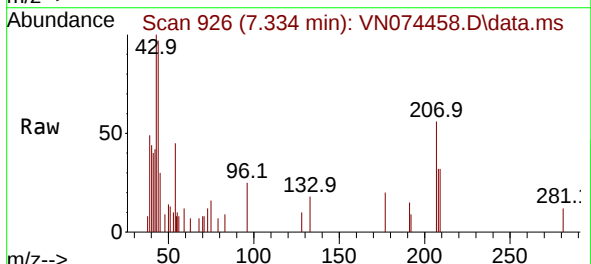
Instrument :
MSVOA_N
ClientSampleId :
IBLK

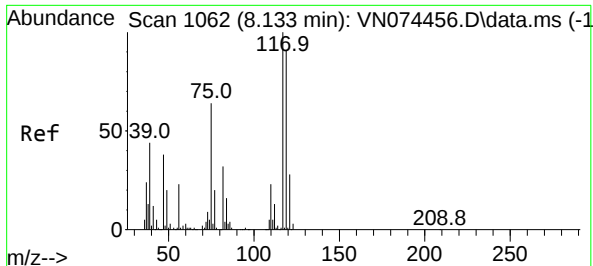
Tgt Ion: 75 Resp: 3132
Ion Ratio Lower Upper
75 100
110 29.6 18.3 54.8
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.233 ug/l
RT: 7.334 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
61 9.3 11.8 17.6#
70 22.1 9.3 13.9#

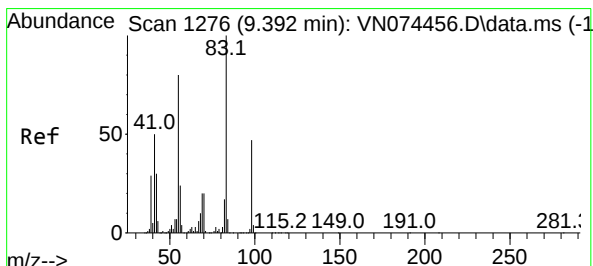
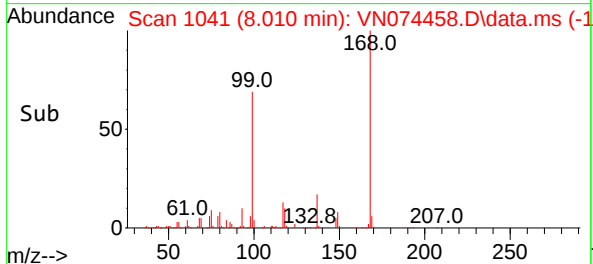
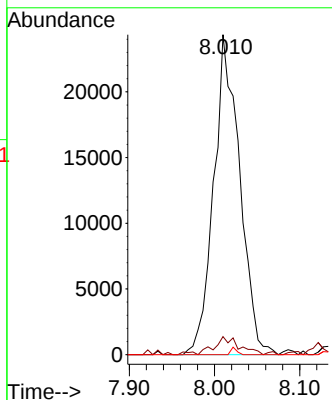
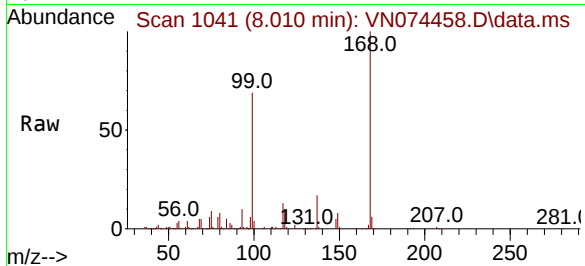




#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

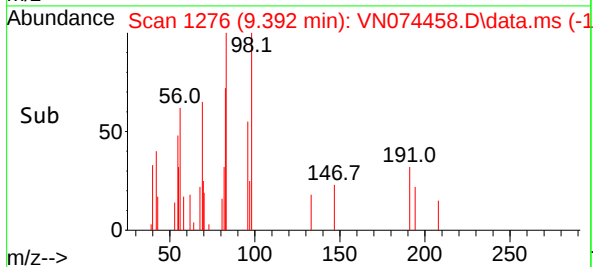
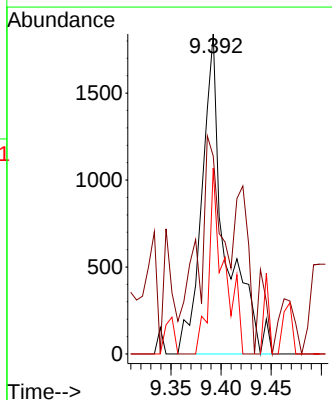
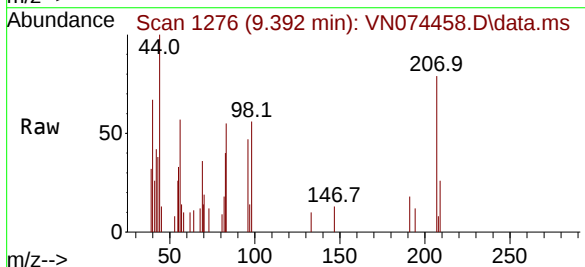
Instrument :
MSVOA_N
ClientSampleId :
IBLK

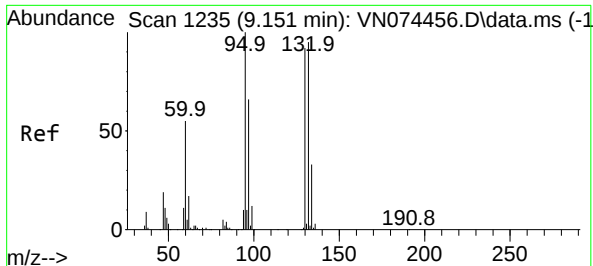
Tgt Ion:117 Resp: 51700
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.301 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 83 Resp: 2969
Ion Ratio Lower Upper
83 100
55 51.6 57.8 86.8#
98 58.1 39.4 59.2





#44

Trichloroethene

Concen: 0.319 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

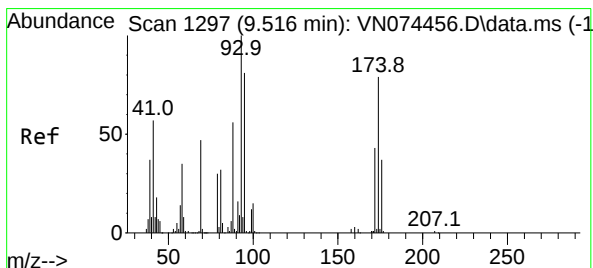
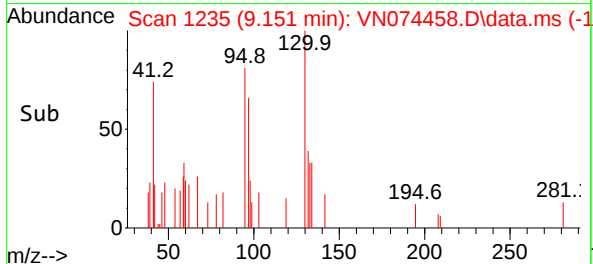
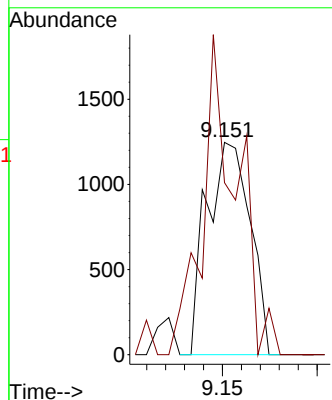
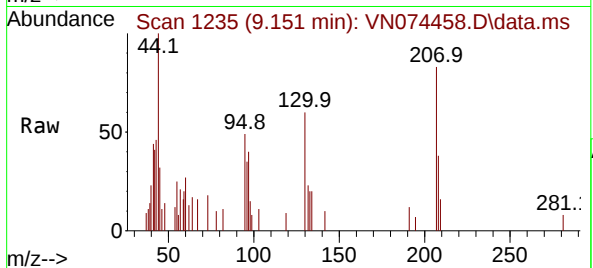
IBLK

Tgt Ion:130 Resp: 1999

Ion Ratio Lower Upper

130 100

95 81.0 0.0 186.8



#46

Dibromomethane

Concen: 0.278 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

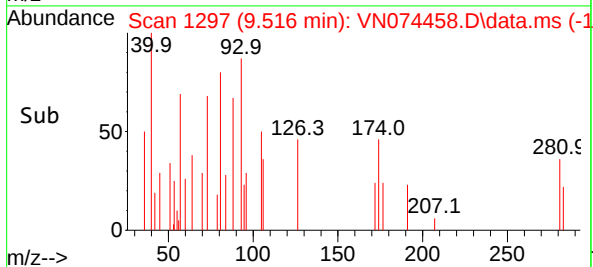
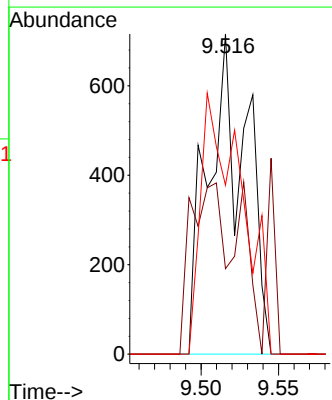
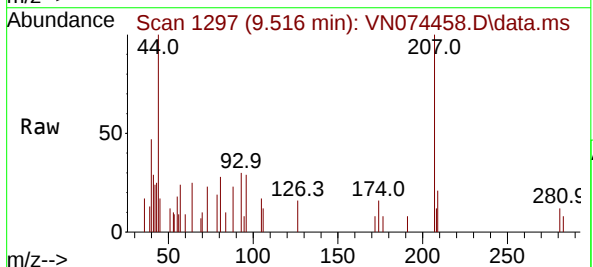
Tgt Ion: 93 Resp: 1223

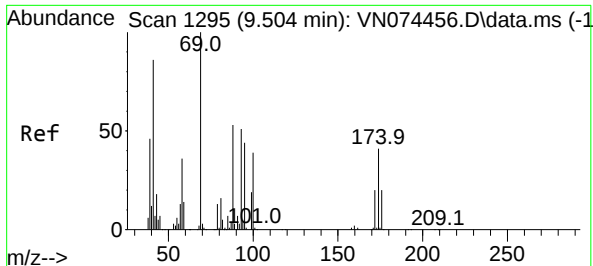
Ion Ratio Lower Upper

93 100

95 67.5 66.9 100.3

174 0.0 86.6 130.0#

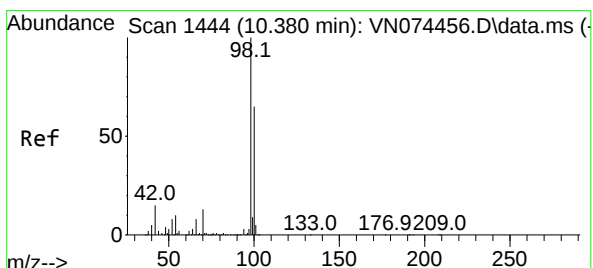
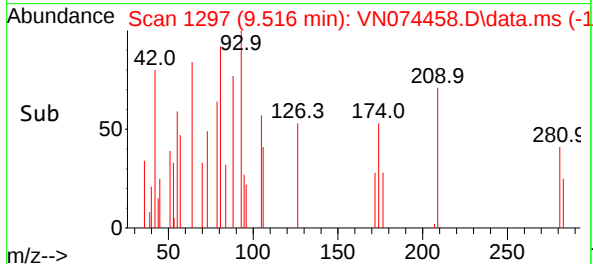
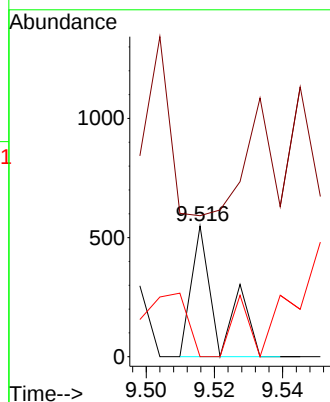
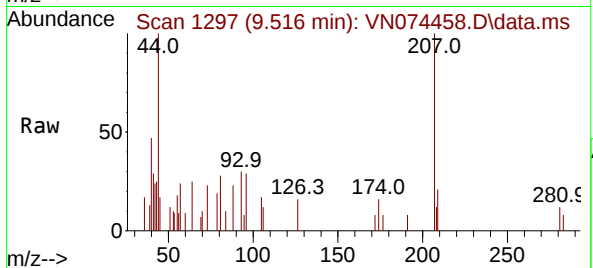




#49
1,4-Dioxane
Concen: 1.608 ug/l
RT: 9.516 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

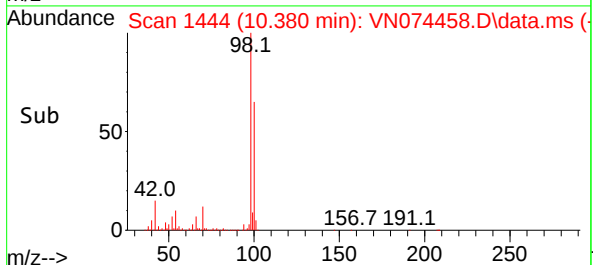
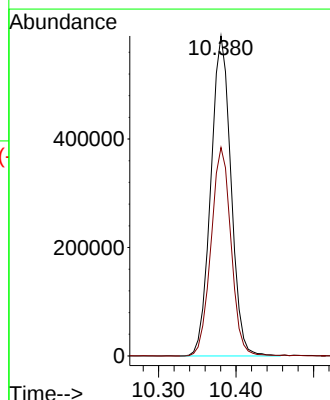
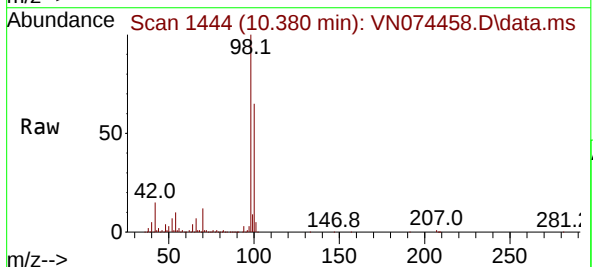
Instrument :
MSVOA_N
ClientSampleId :
IBLK

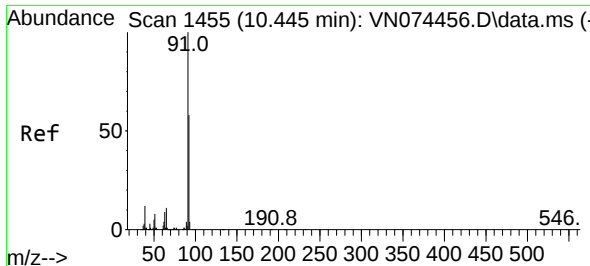
Tgt Ion: 88 Resp: 301
Ion Ratio Lower Upper
88 100
43 185.4 20.2 30.4#
58 79.1 54.2 81.4



#50
Toluene-d8
Concen: 49.415 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 98 Resp: 1068661
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

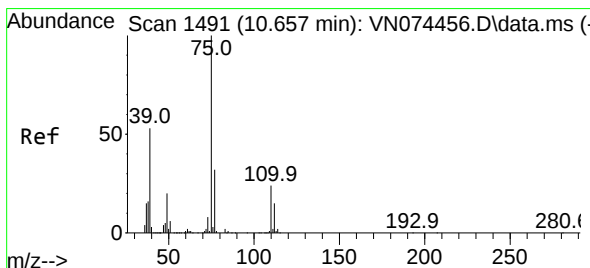
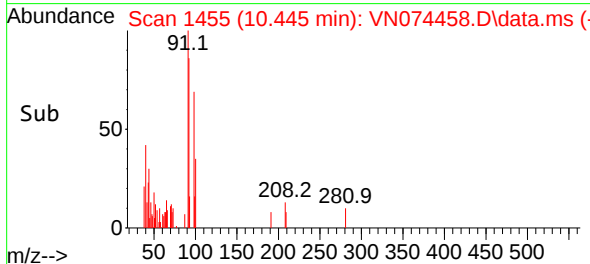
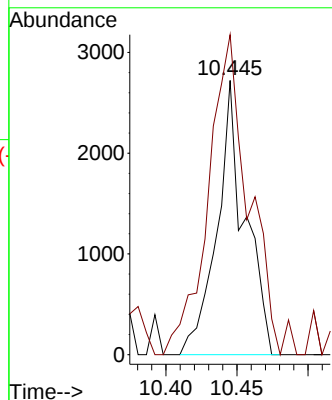
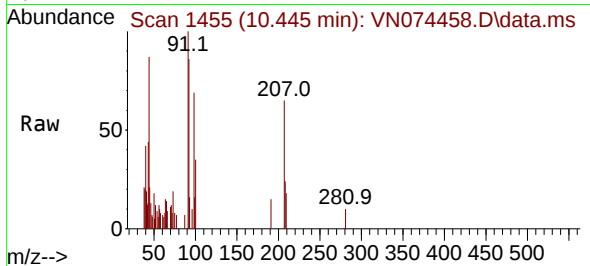




#52
Toluene
Concen: 0.237 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

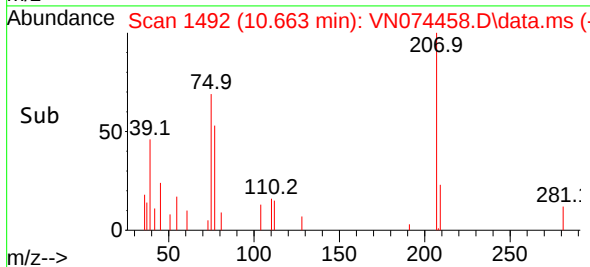
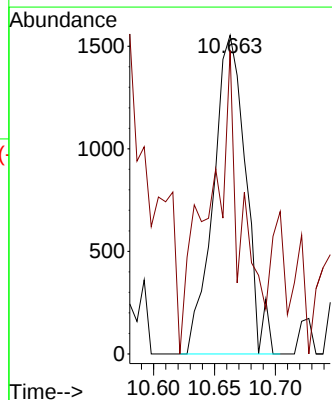
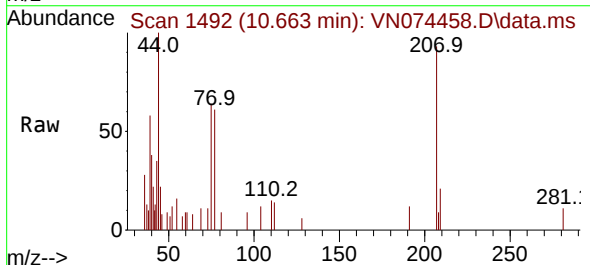
Instrument :
MSVOA_N
ClientSampleId :
IBLK

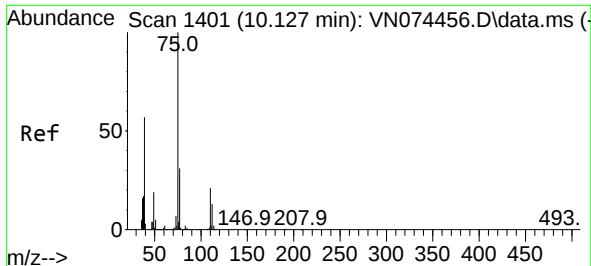
Tgt Ion: 92 Resp: 3713
Ion Ratio Lower Upper
92 100
91 170.6 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.301 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 75 Resp: 2870
Ion Ratio Lower Upper
75 100
77 95.2 25.6 38.4#

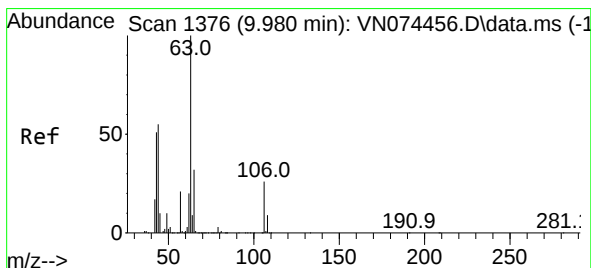
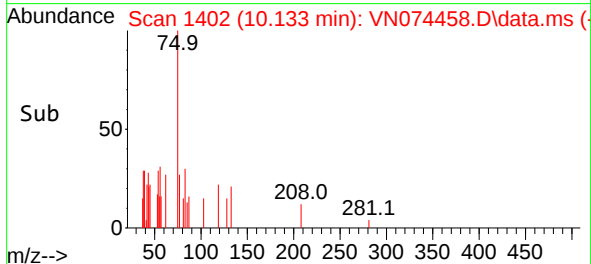
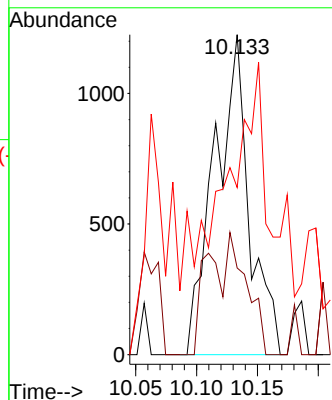
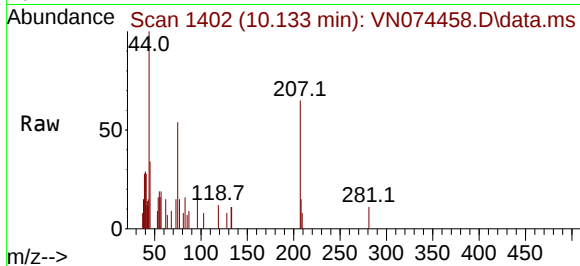




#54
 cis-1,3-Dichloropropene
 Concen: 0.233 ug/l
 RT: 10.133 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

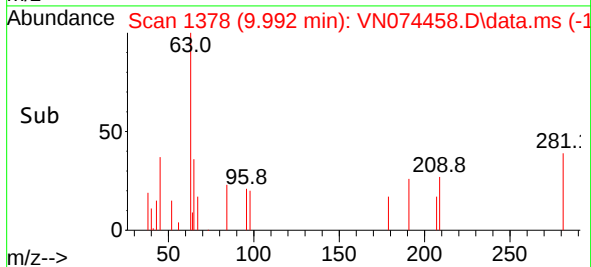
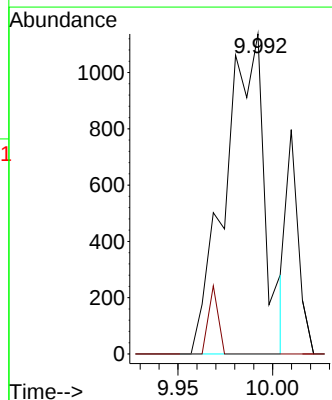
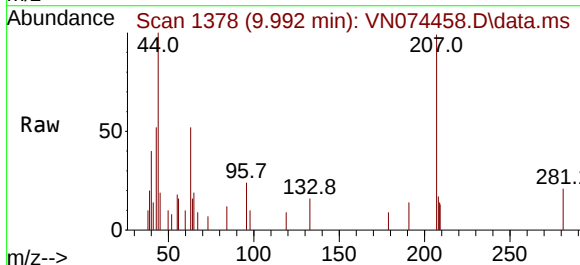
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

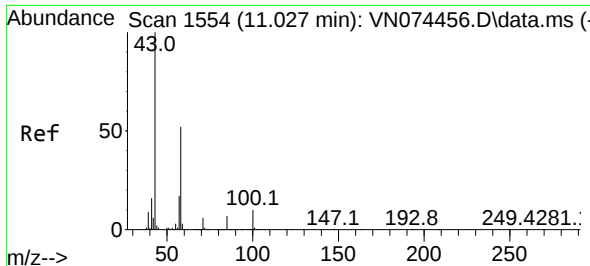
Tgt Ion: 75 Resp: 2420
 Ion Ratio Lower Upper
 75 100
 77 27.1 25.2 37.8
 39 32.3 35.7 53.5#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.338 ug/l
 RT: 9.992 min Scan# 1378
 Delta R.T. 0.012 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

Tgt Ion: 63 Resp: 1655
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.6 36.8#

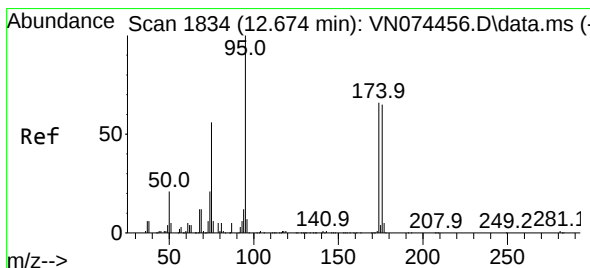
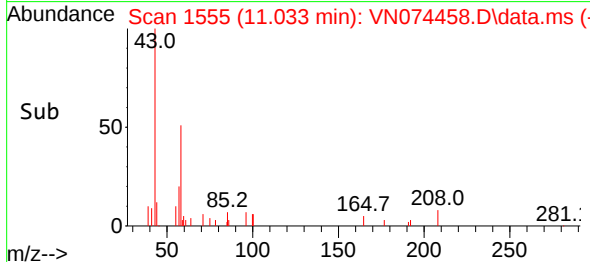
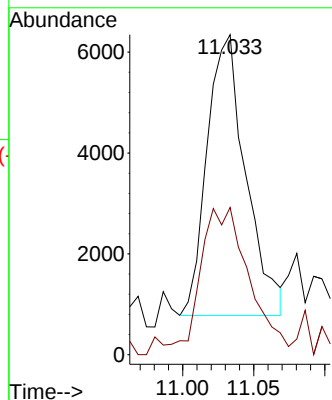
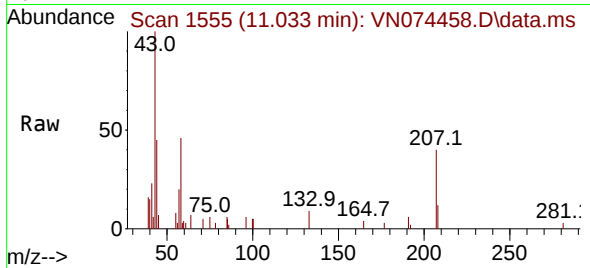




#59
2-Hexanone
Concen: 1.105 ug/l
RT: 11.033 min Scan# 11033
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

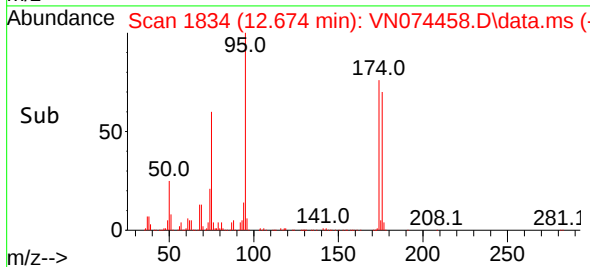
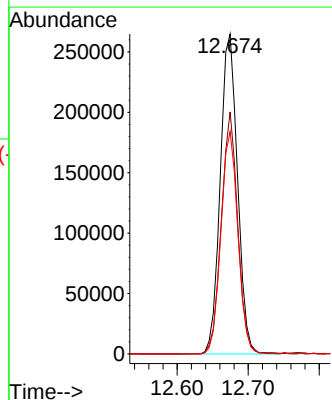
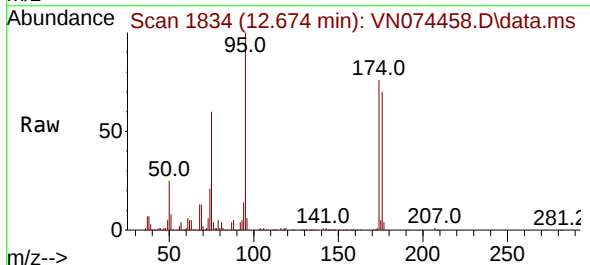
Instrument :
MSVOA_N
ClientSampleId :
IBLK

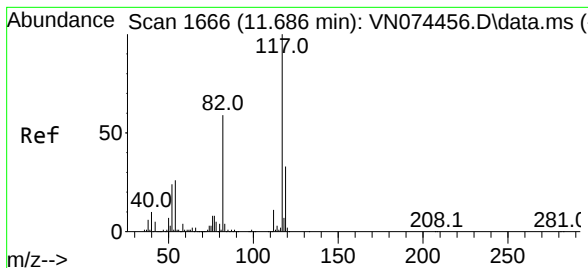
Tgt Ion: 43 Resp: 10574
Ion Ratio Lower Upper
43 100
58 64.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 57.283 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 95 Resp: 446227
Ion Ratio Lower Upper
95 100
174 71.7 0.0 167.6
176 68.1 0.0 163.4

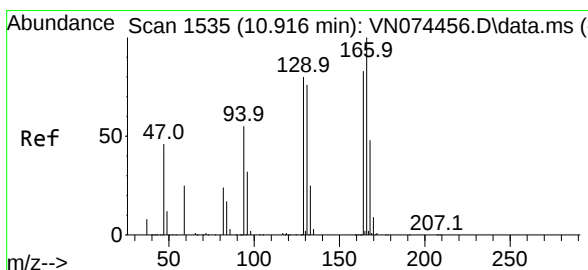
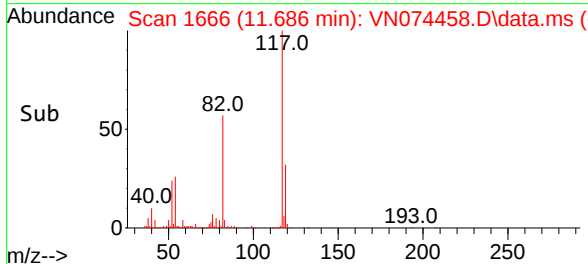
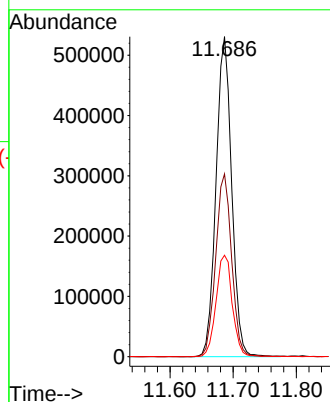
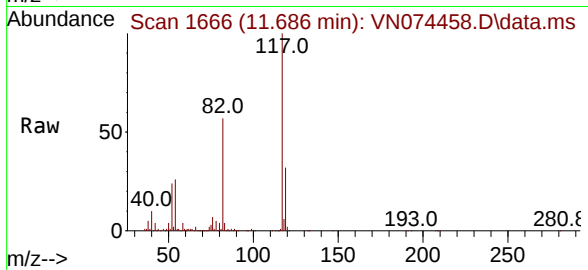




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

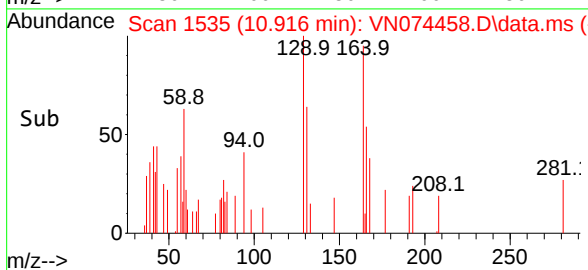
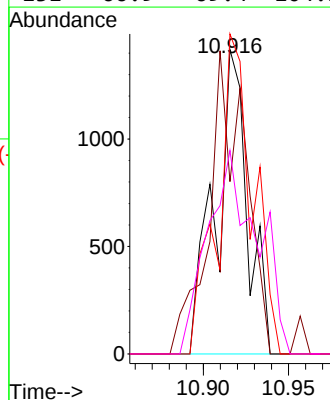
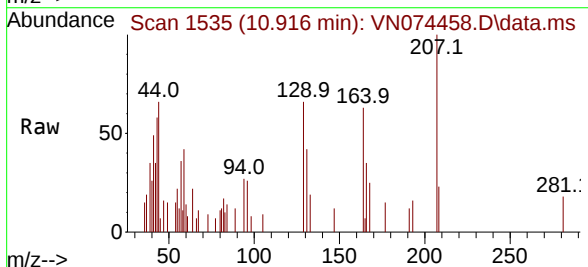
Instrument :
MSVOA_N
ClientSampleId :
IBLK

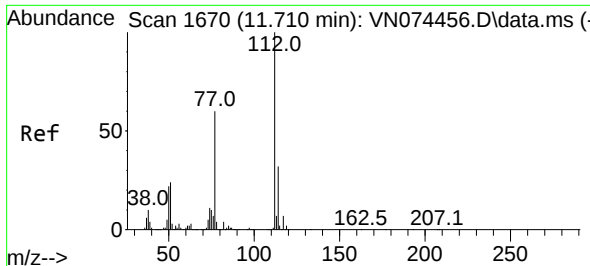
Tgt Ion:117 Resp: 911246
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 0.331 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion:164 Resp: 1839
Ion Ratio Lower Upper
164 100
166 56.6 104.2 156.2#
129 105.2 73.9 110.9
131 66.9 69.4 104.2#

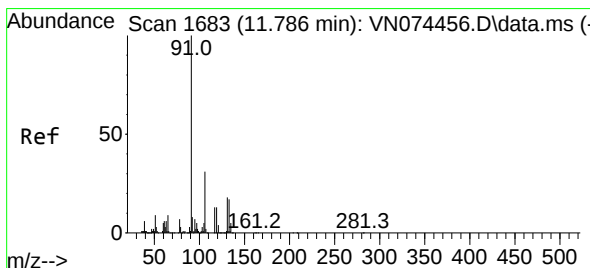
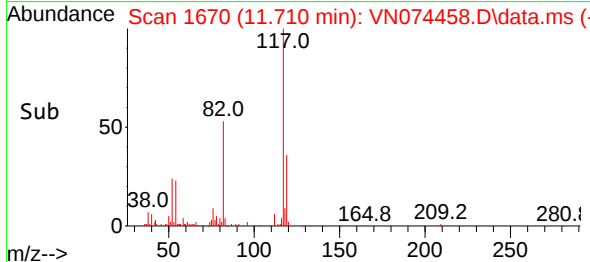
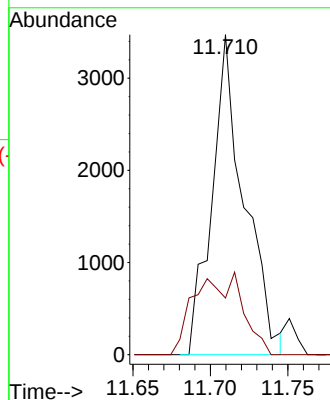
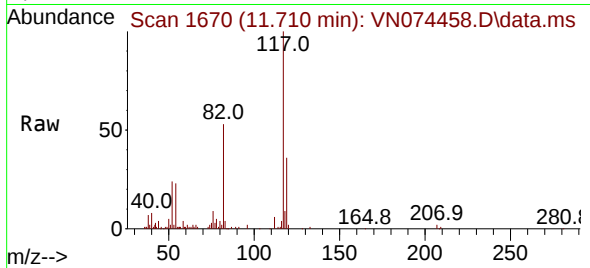




#65
Chlorobenzene
Concen: 0.276 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

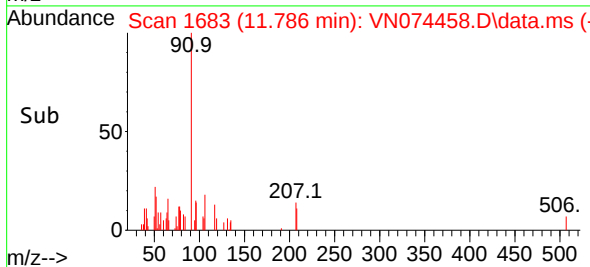
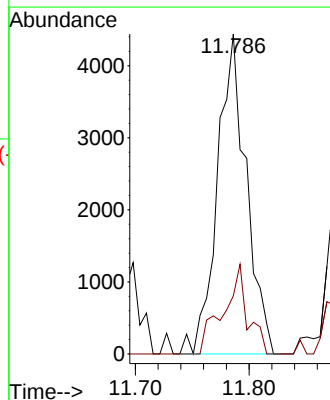
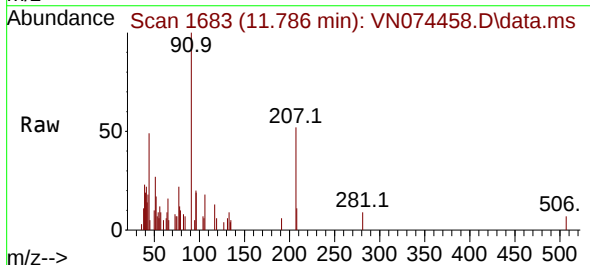
Instrument :
MSVOA_N
ClientSampleId :
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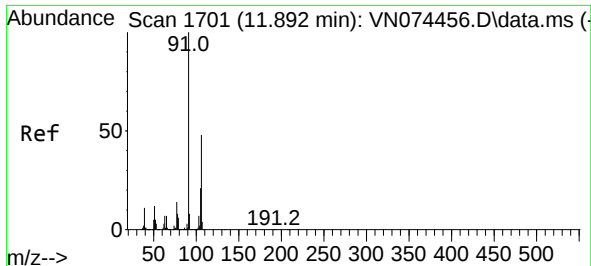
Tgt Ion:112 Resp: 5041
Ion Ratio Lower Upper
112 100
114 17.7 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.241 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 91 Resp: 7841
Ion Ratio Lower Upper
91 100
106 18.1 24.9 37.3#

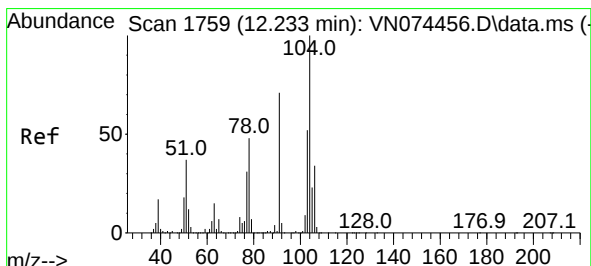
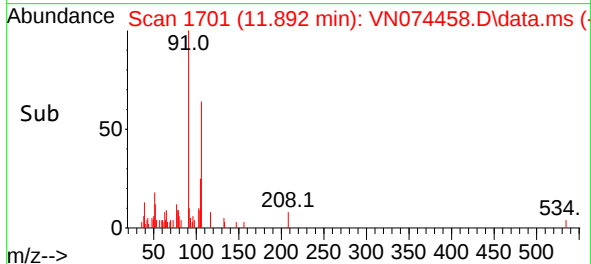
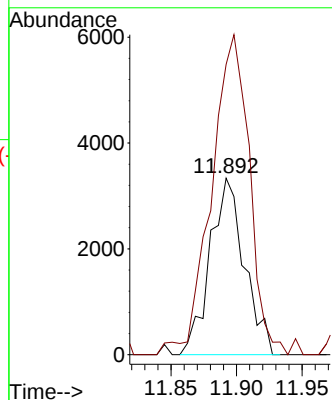
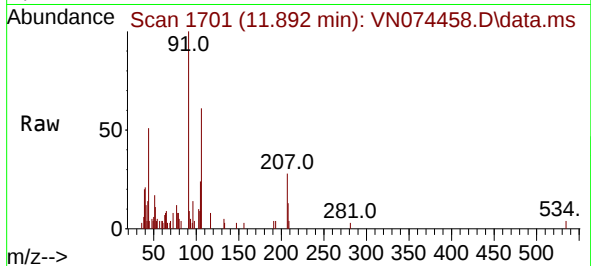




#68
m/p-Xylenes
Concen: 0.479 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

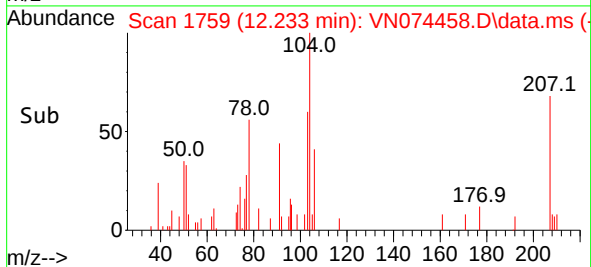
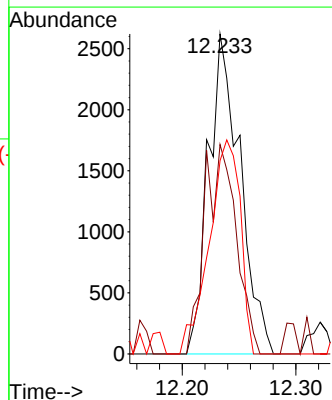
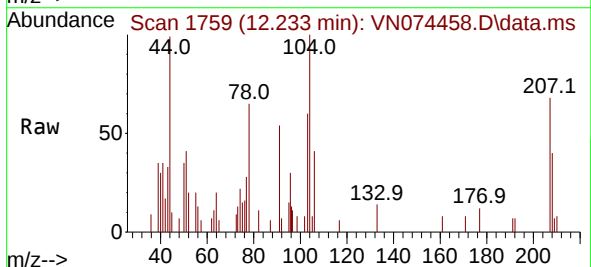
Instrument :
MSVOA_N
ClientSampleId :
IBLK

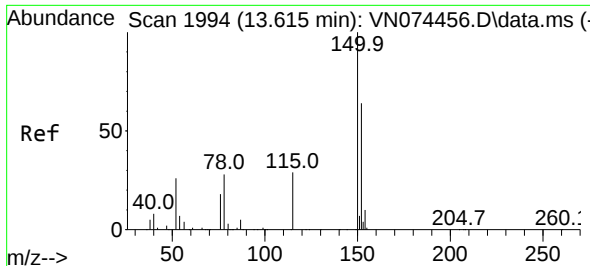
Tgt Ion:106 Resp: 6082
Ion Ratio Lower Upper
106 100
91 200.7 158.9 238.3



#70
Styrene
Concen: 0.249 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion:104 Resp: 5091
Ion Ratio Lower Upper
104 100
78 65.3 39.5 59.3#
103 65.5 44.0 66.0

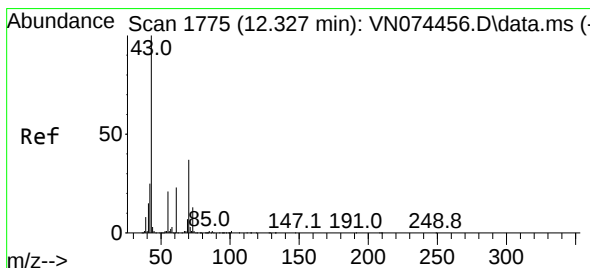
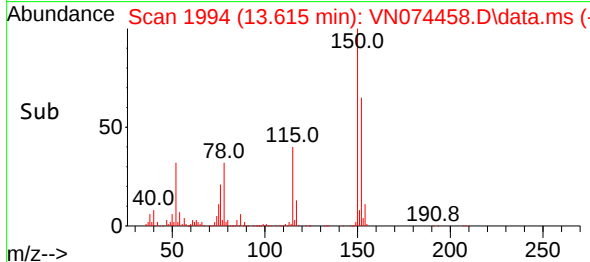
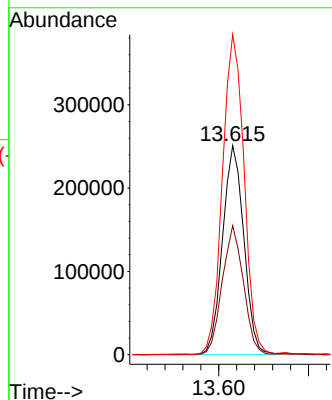
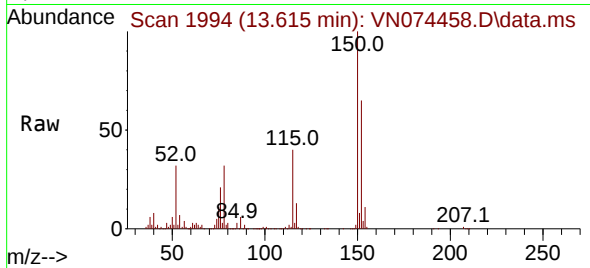




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

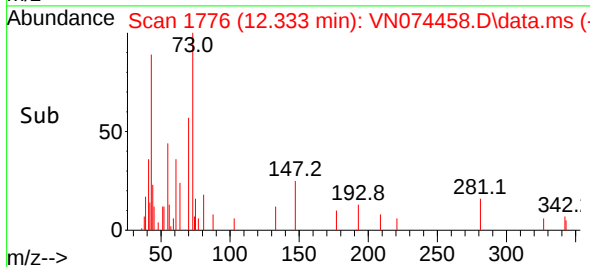
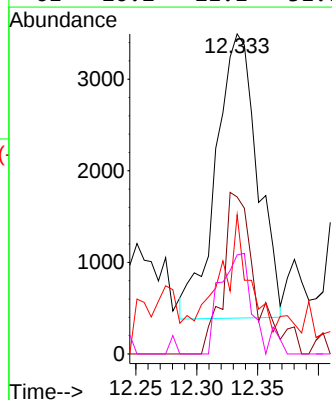
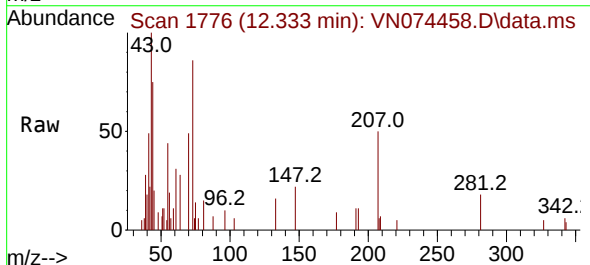
Instrument :
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 ClientSampleId :
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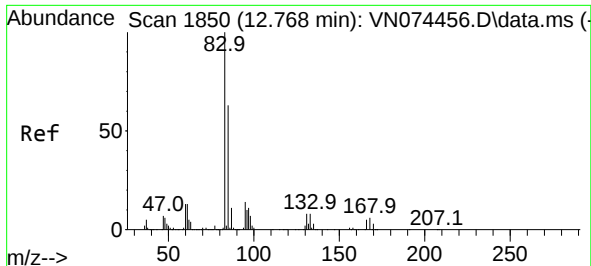
Tgt Ion:152 Resp: 414626
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.9 86.7
 150 154.9 0.0 356.2



#74
 N-ethyl acetate
 Concen: 0.415 ug/l
 RT: 12.333 min Scan# 1776
 Delta R.T. 0.006 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

Tgt Ion: 43 Resp: 7338
 Ion Ratio Lower Upper
 43 100
 70 45.0 39.0 58.4
 55 29.2 21.1 31.7
 61 26.2 21.1 31.7

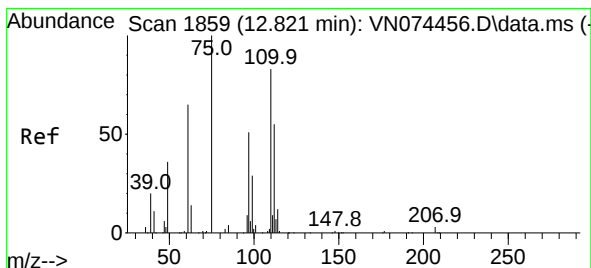
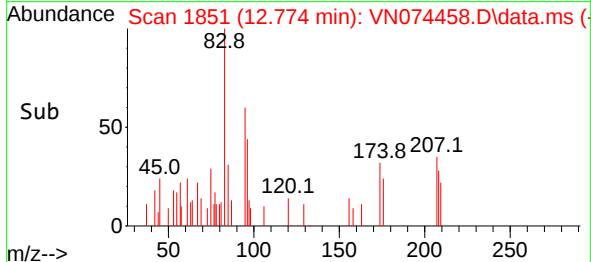
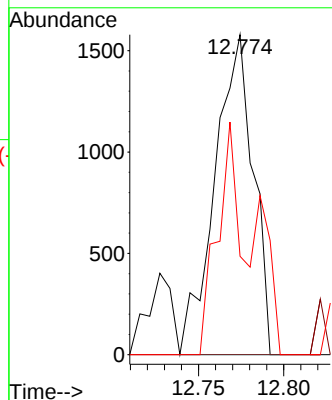
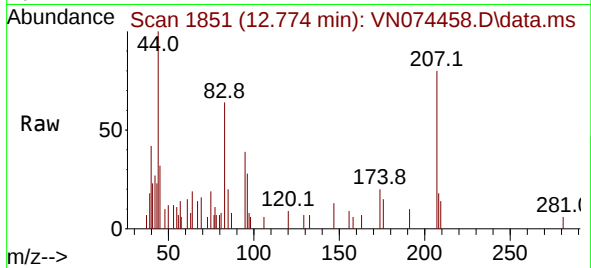




#75
1,1,2,2-Tetrachloroethane
Concen: 0.204 ug/l
RT: 12.774 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

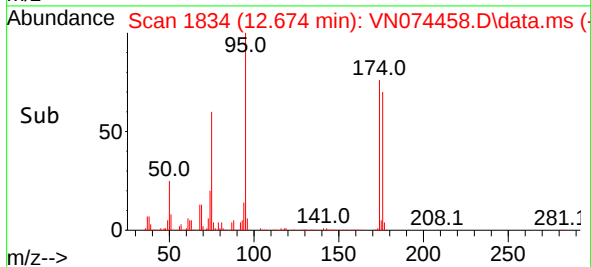
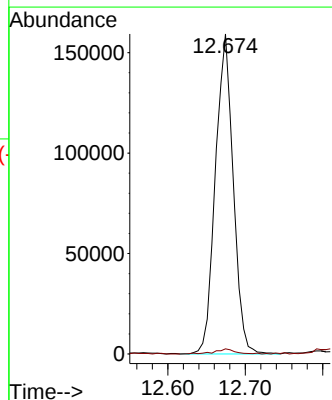
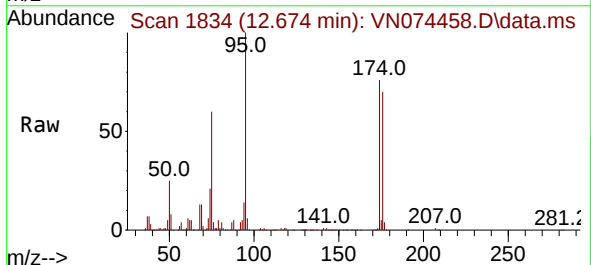
Instrument :
MSVOA_N
ClientSampleId :
IBLK

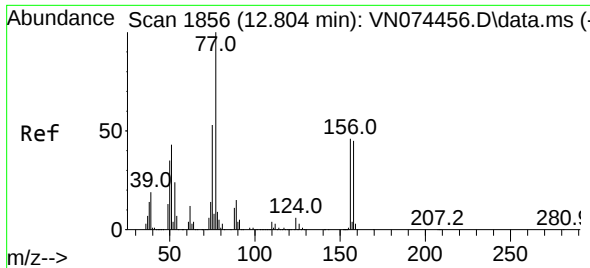
Tgt Ion: 83 Resp: 2469
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 45.3 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 24.524 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 75 Resp: 255176
Ion Ratio Lower Upper
75 100
77 1.8 98.5 295.5#

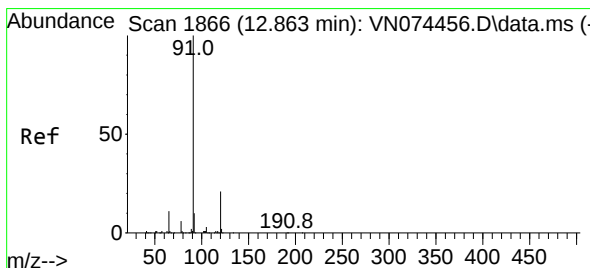
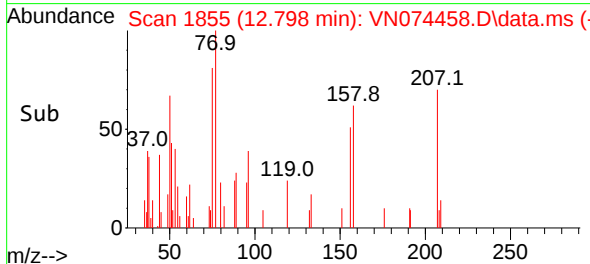
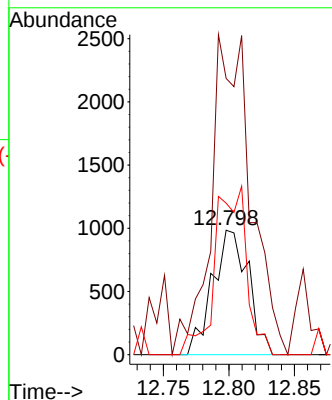
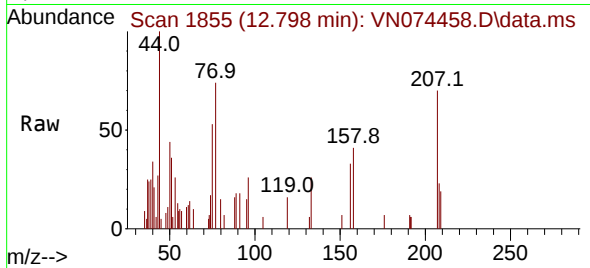




#77
Bromobenzene
Concen: 0.241 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

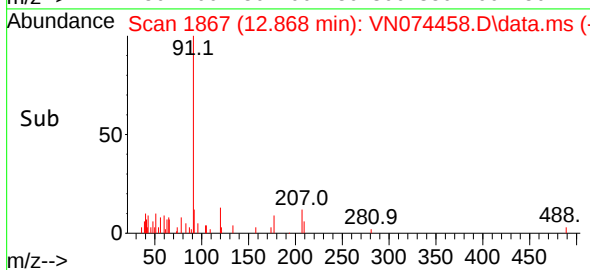
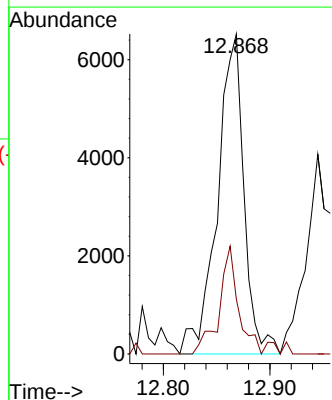
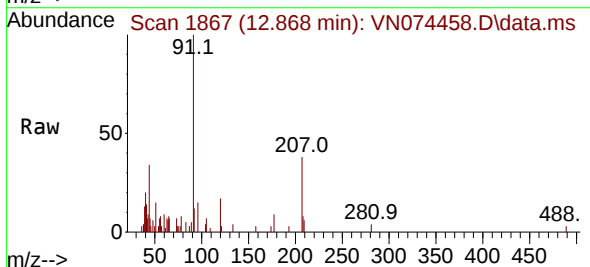
Instrument :
MSVOA_N
ClientSampleId :
IBLK

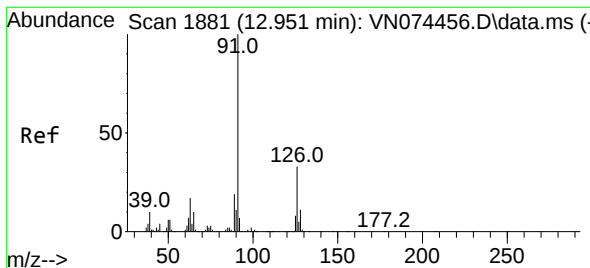
Tgt Ion:156 Resp: 1858
Ion Ratio Lower Upper
156 100
77 277.2 100.5 301.5
158 120.7 48.9 146.6



#78
n-propylbenzene
Concen: 0.305 ug/l
RT: 12.868 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 91 Resp: 11296
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.317 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

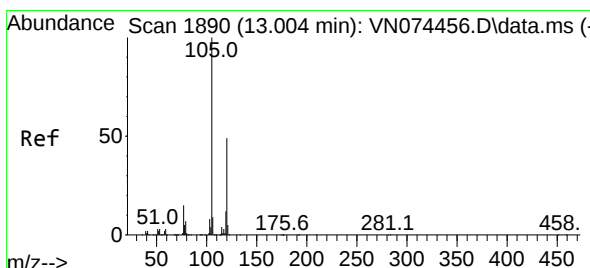
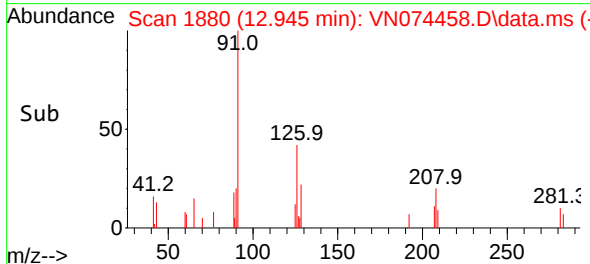
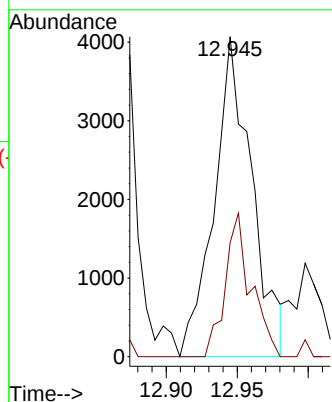
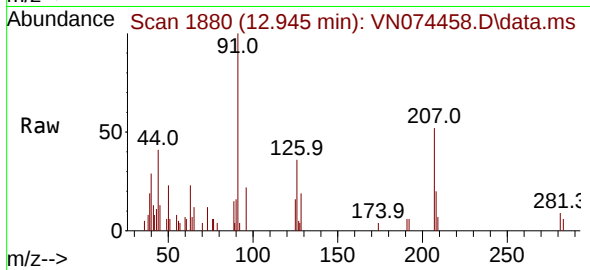
IBLK

Tgt Ion: 91 Resp: 7486

Ion Ratio Lower Upper

91 100

126 30.8 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 0.238 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VN074458.D

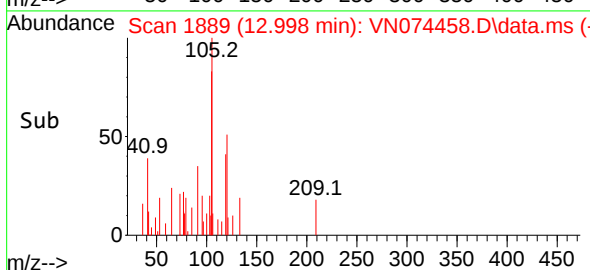
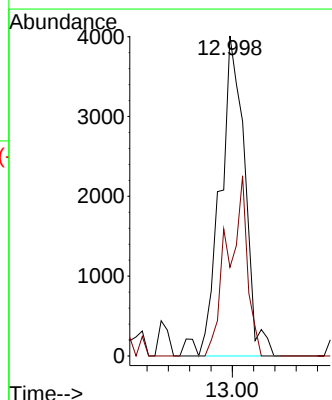
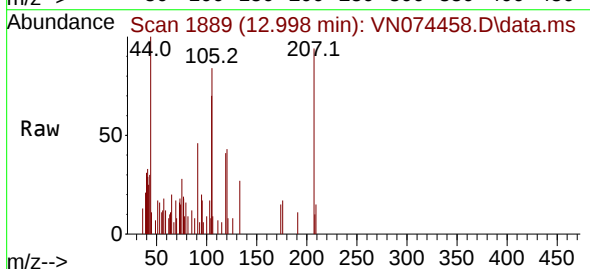
Acq: 15 Sep 2022 12:37

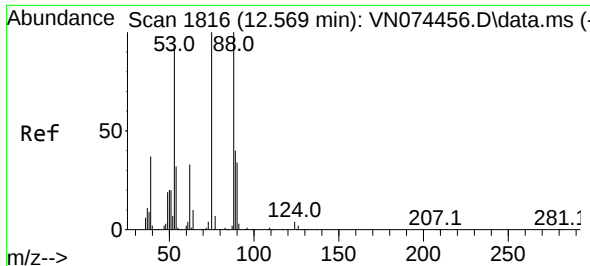
Tgt Ion: 105 Resp: 6460

Ion Ratio Lower Upper

105 100

120 44.5 24.9 74.7

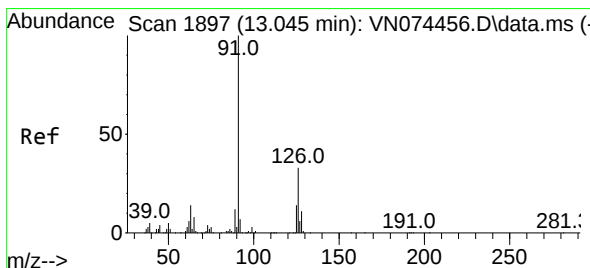
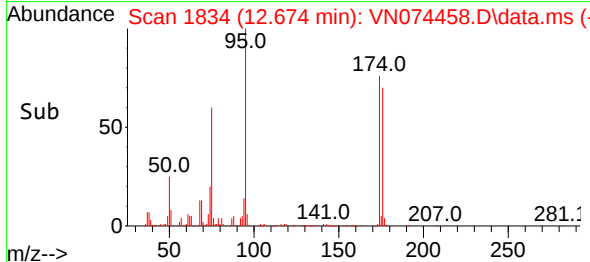
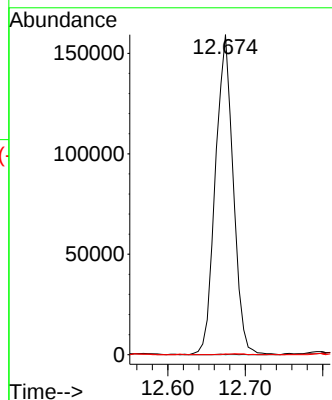
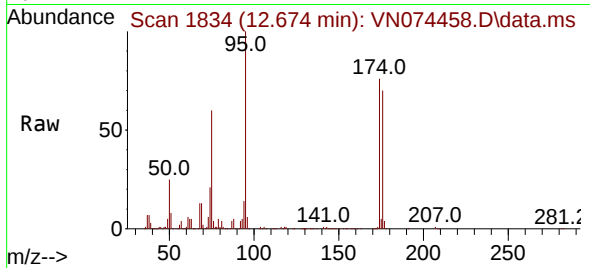




#81
trans-1,4-Dichloro-2-butene
Concen: 63.508 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

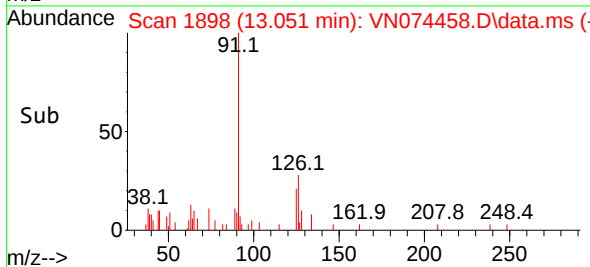
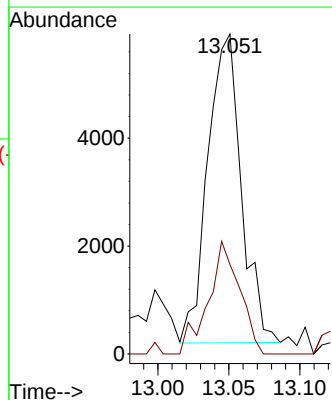
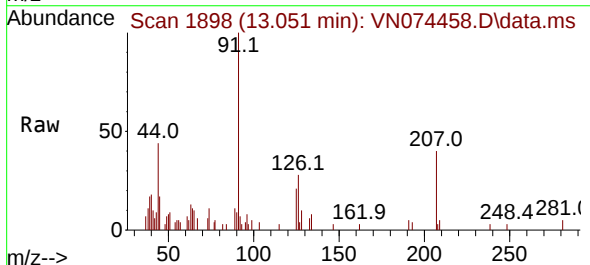
Instrument :
MSVOA_N
ClientSampleId :
IBLK

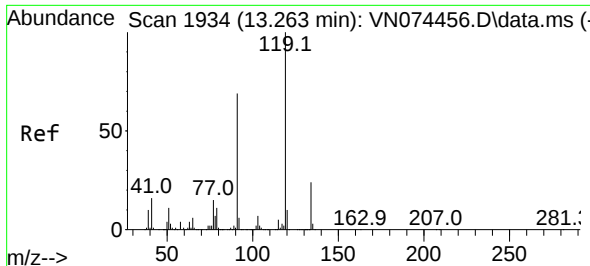
Tgt Ion: 75 Resp: 255176
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.3 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.422 ug/l
RT: 13.051 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 91 Resp: 9425
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6

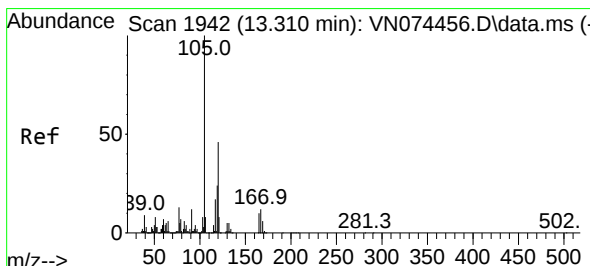
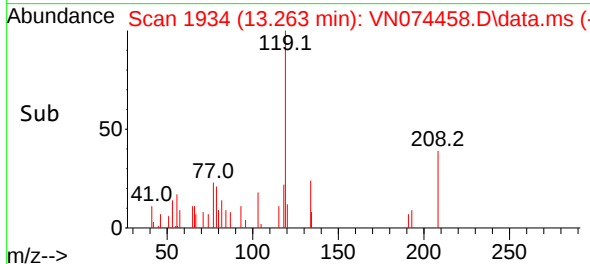
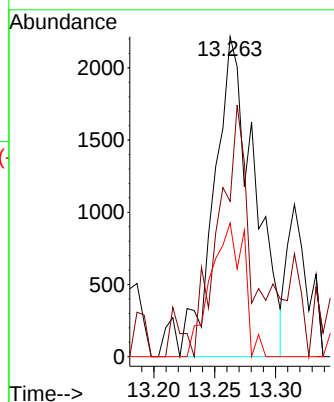
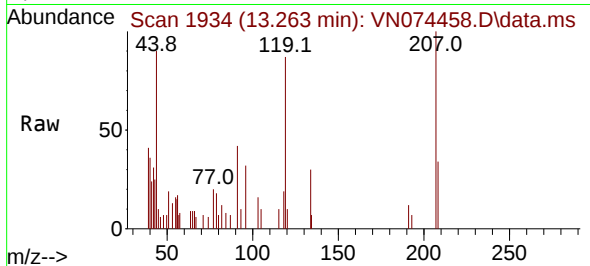




#83
 tert-Butylbenzene
 Concen: 0.205 ug/l
 RT: 13.263 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

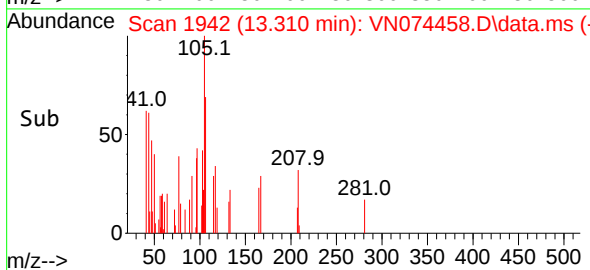
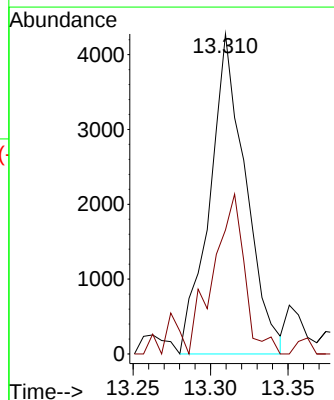
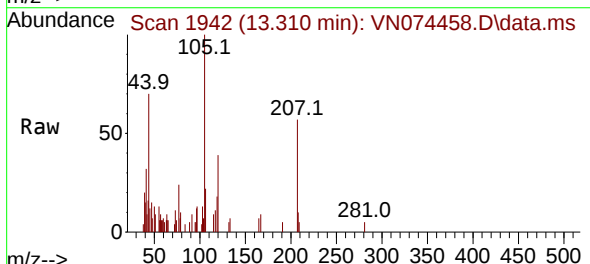
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

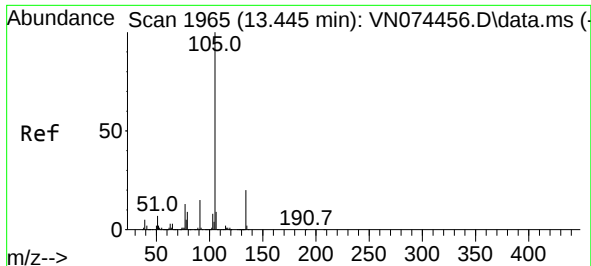
Tgt Ion:119	Resp:	5082
Ion	Ratio	Lower Upper
119	100	
91	58.2	31.6 94.8
134	34.6	13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.255 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

Tgt Ion:105	Resp:	6898
Ion	Ratio	Lower Upper
105	100	
120	49.0	23.3 69.8

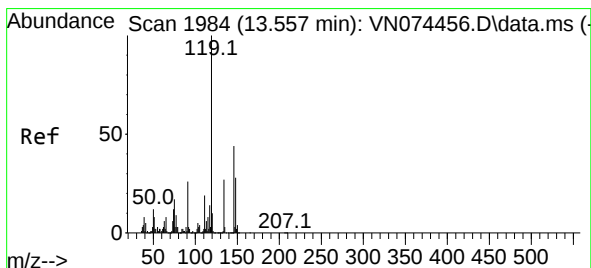
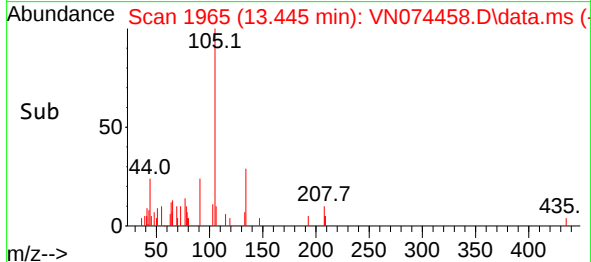
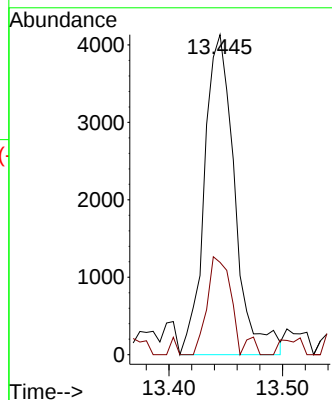
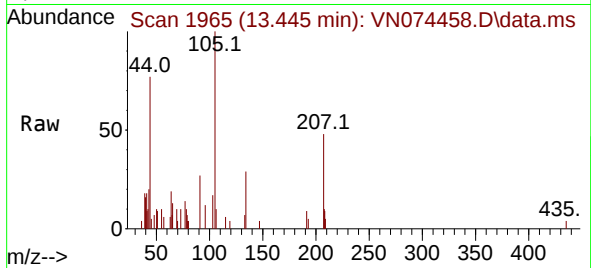




#85
 sec-Butylbenzene
 Concen: 0.228 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

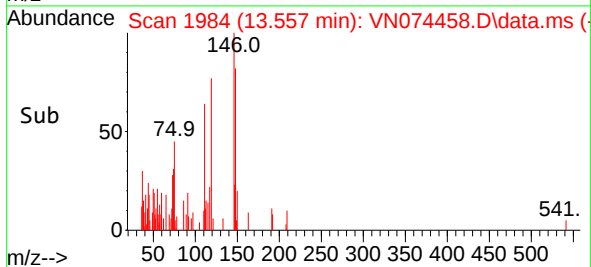
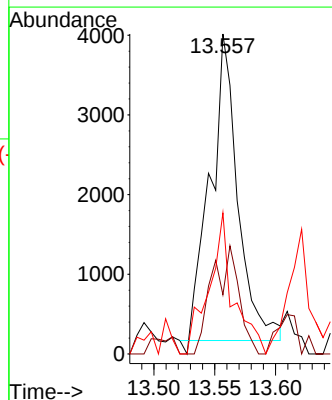
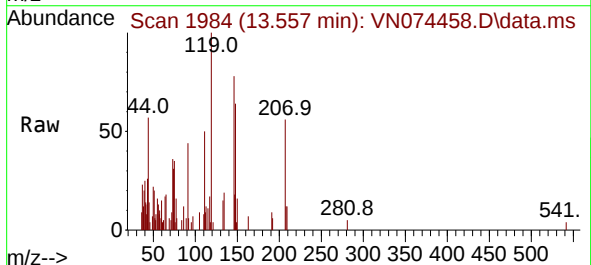
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

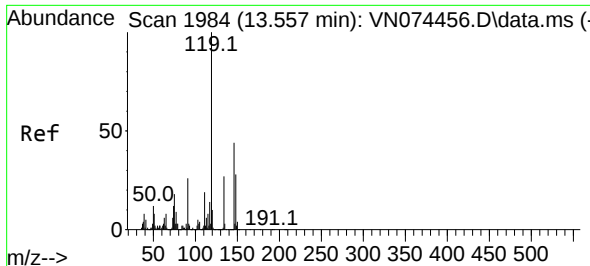
Tgt Ion:105 Resp: 7630
 Ion Ratio Lower Upper
 105 100
 134 25.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.224 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074458.D
 Acq: 15 Sep 2022 12:37

Tgt Ion:119 Resp: 6019
 Ion Ratio Lower Upper
 119 100
 134 17.8 13.3 39.8
 91 41.0 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.437 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK

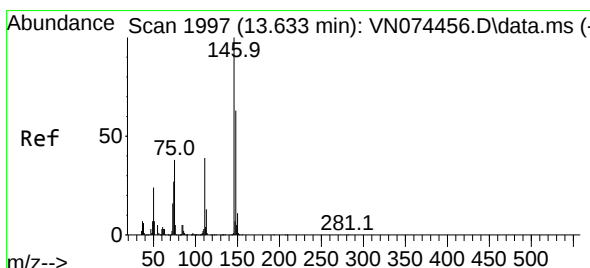
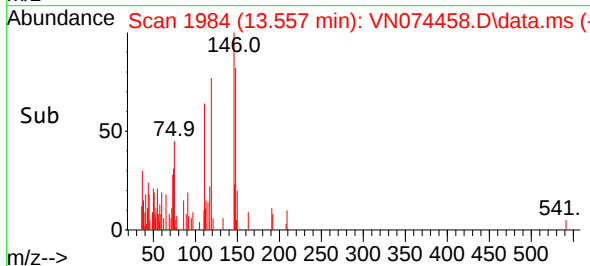
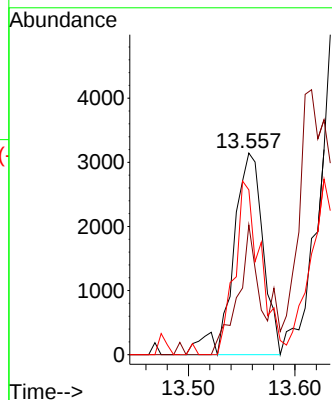
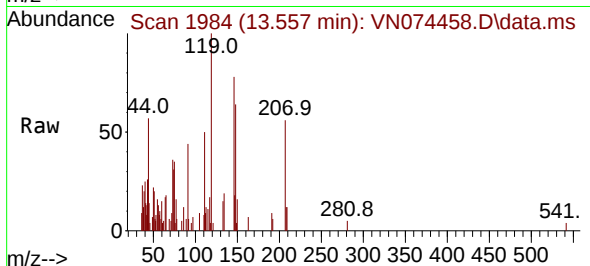
Tgt Ion:146 Resp: 6108

Ion Ratio Lower Upper

146 100

111 44.4 20.0 60.0

148 75.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.434 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.076 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

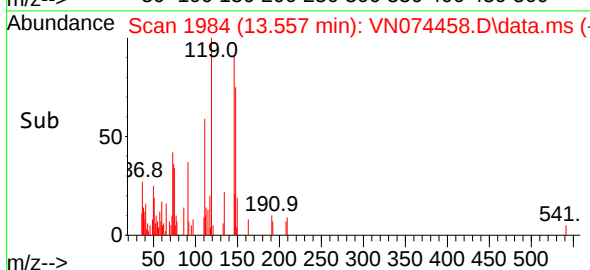
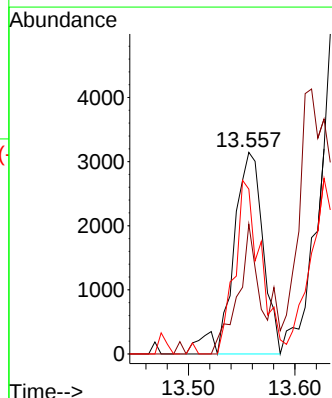
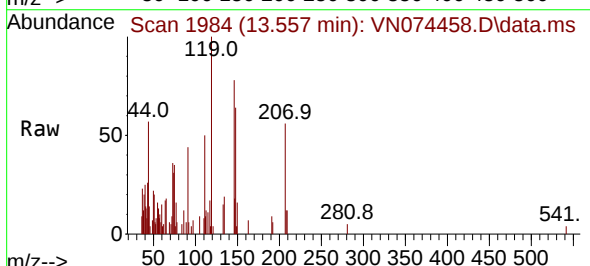
Tgt Ion:146 Resp: 6108

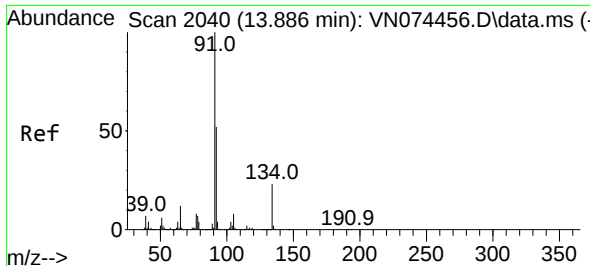
Ion Ratio Lower Upper

146 100

111 44.4 19.1 57.1

148 75.0 31.4 94.3

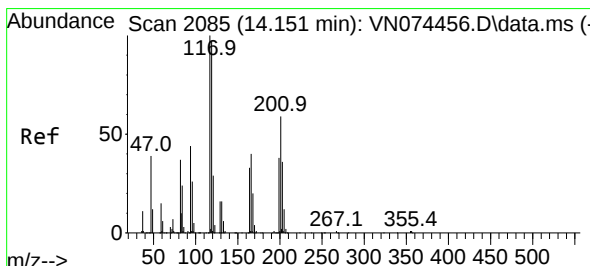
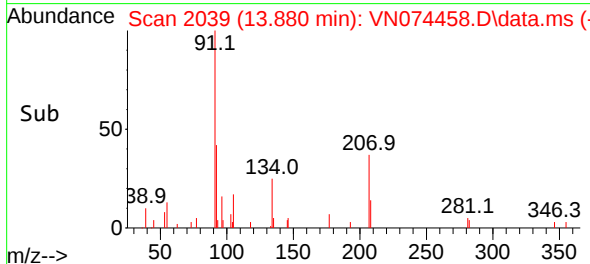
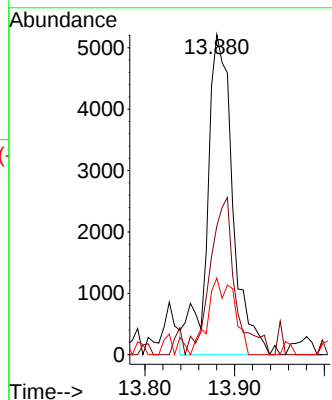
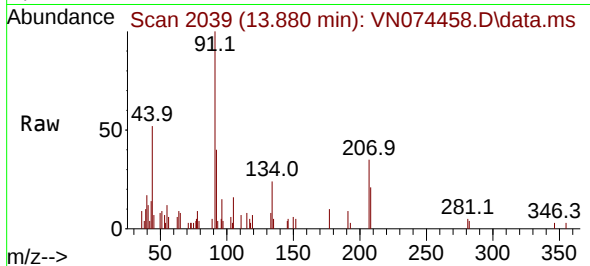




#89
n-Butylbenzene
Concen: 0.462 ug/l
RT: 13.880 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

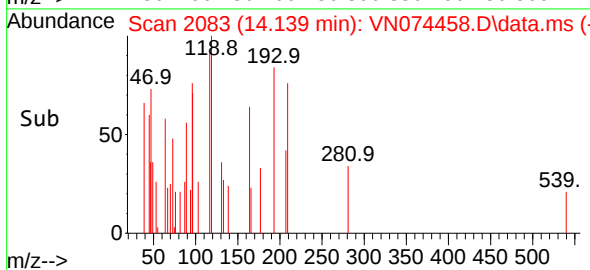
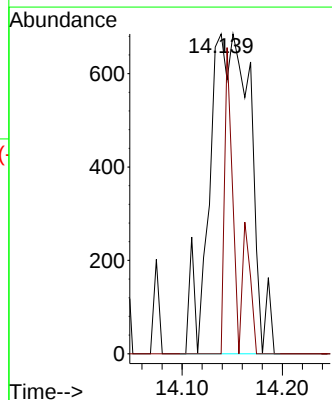
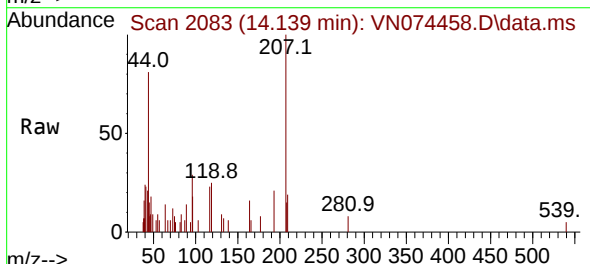
Instrument :
MSVOA_N
ClientSampleId :
IBLK

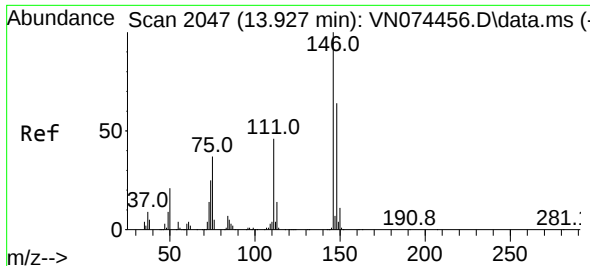
Tgt Ion: 91 Resp: 10323
Ion Ratio Lower Upper
91 100
92 48.0 26.9 80.7
134 24.9 13.6 40.8



#90
Hexachloroethane
Concen: 0.381 ug/l
RT: 14.139 min Scan# 2083
Delta R.T. -0.012 min
Lab File: VN074458.D
Acq: 15 Sep 2022 12:37

Tgt Ion: 117 Resp: 1966
Ion Ratio Lower Upper
117 100
201 17.7 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.383 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. -0.006 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK

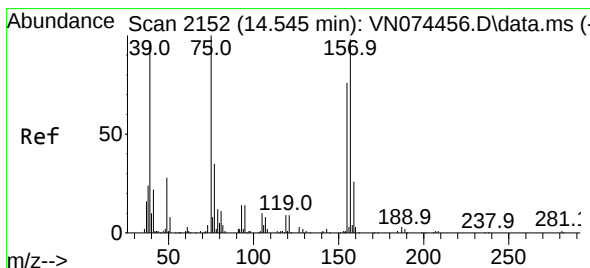
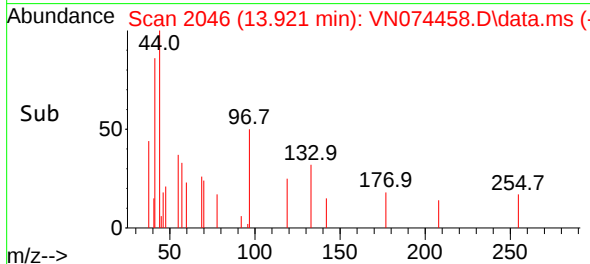
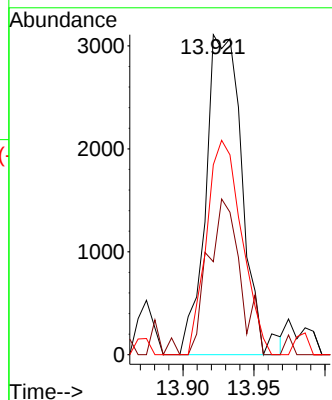
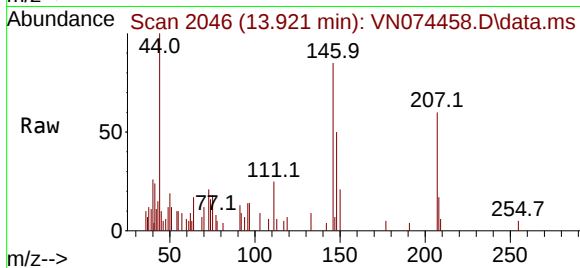
Tgt Ion:146 Resp: 5549

Ion Ratio Lower Upper

146 100

111 42.8 20.9 62.8

148 64.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.916 ug/l

RT: 14.551 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

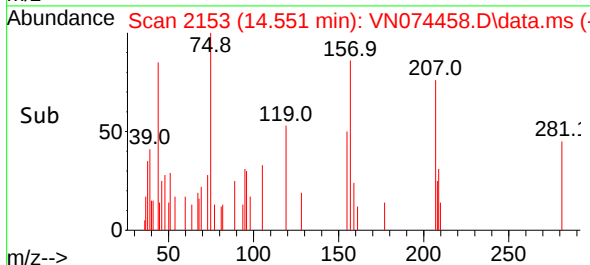
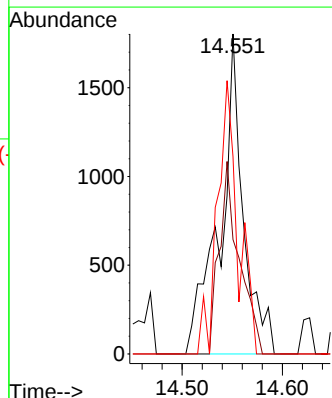
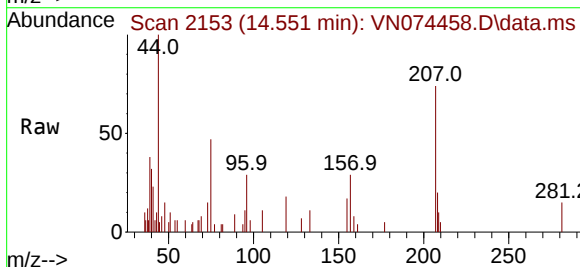
Tgt Ion: 75 Resp: 2912

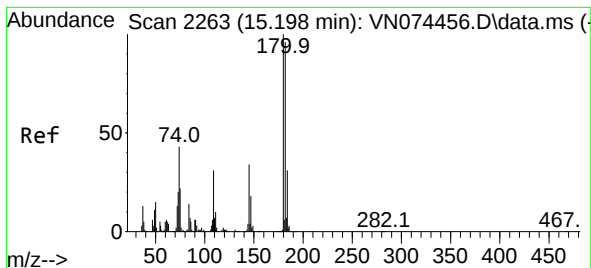
Ion Ratio Lower Upper

75 100

155 51.7 44.9 134.5

157 75.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 1.279 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK

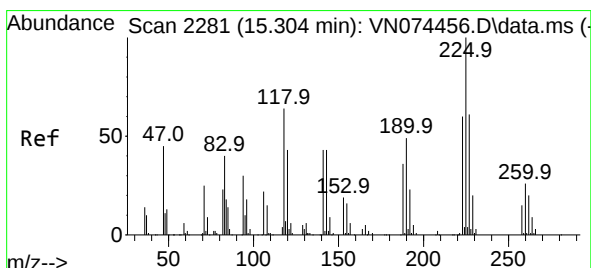
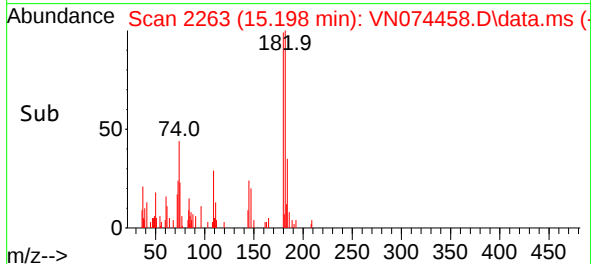
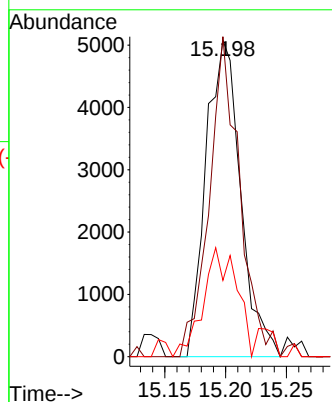
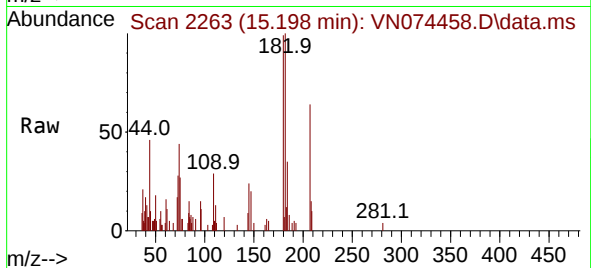
Tgt Ion:180 Resp: 10019

Ion Ratio Lower Upper

180 100

182 90.4 47.5 142.5

145 33.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 0.434 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. -0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

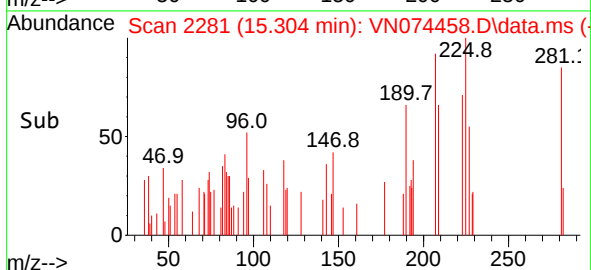
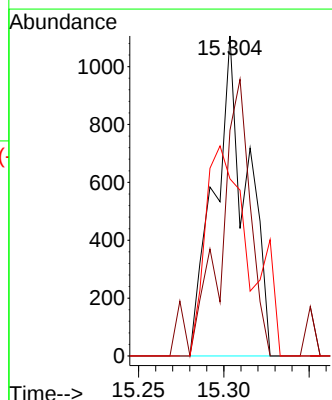
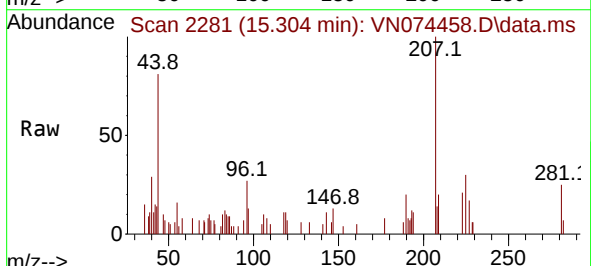
Tgt Ion:225 Resp: 1471

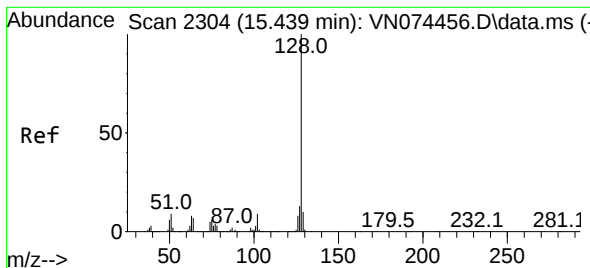
Ion Ratio Lower Upper

225 100

223 81.3 32.4 97.2

227 88.2 31.8 95.4





#95

Naphthalene

Concen: 2.076 ug/l

RT: 15.439 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK

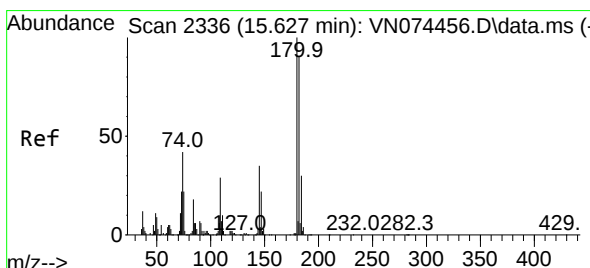
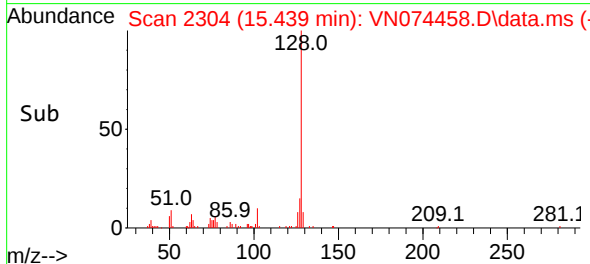
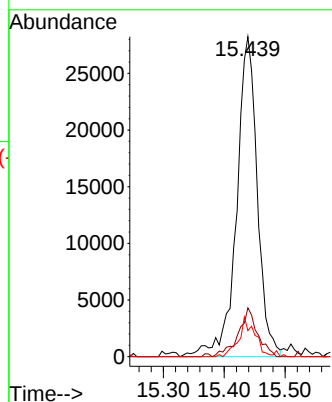
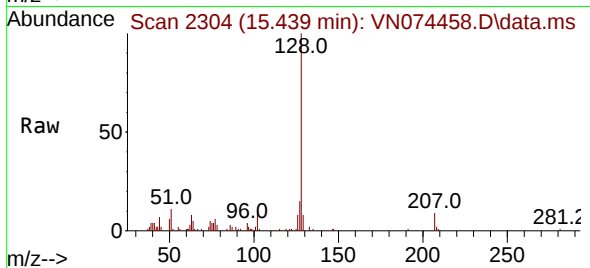
Tgt Ion:128 Resp: 66845

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 9.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.830 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN074458.D

Acq: 15 Sep 2022 12:37

Tgt Ion:180 Resp: 15355

Ion Ratio Lower Upper

180 100

182 85.5 47.8 143.3

145 27.9 15.5 46.5

