

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074375.D
 Acq On : 09 Sep 2022 13:13
 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 10 06:13:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	340989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	592392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	561580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	244958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	242071	41.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.060%
35) Dibromofluoromethane	7.945	113	194533	48.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	10.380	98	678451	43.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.080%
62) 4-Bromofluorobenzene	12.674	95	271806	48.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%

Target Compounds				Qvalue		
3) Chloromethane	2.269	50	2505	Below Cal		92
4) Vinyl Chloride	2.405	62	1502	0.203 ug/l #		45
5) Bromomethane	2.781	94	2751	0.533 ug/l #		34
6) Chloroethane	2.775	64	14143	Below Cal #		46
11) Tert butyl alcohol	5.281	59	617	0.400 ug/l #		76
12) 1,1-Dichloroethene	4.110	96	998	0.235 ug/l #		13
13) Acrolein	3.981	56	782	0.763 ug/l #		72
15) Acrylonitrile	5.469	53	4385	1.242 ug/l #		90
16) Acetone	4.228	43	1102	0.346 ug/l		91
17) Carbon Disulfide	4.457	76	8703	0.753 ug/l		100
18) Methyl Acetate	4.775	43	3918	0.417 ug/l		99
20) Methylene Chloride	5.004	84	933	Below Cal #		38
21) trans-1,2-Dichloroethene	5.516	96	2254	0.473 ug/l #		29
23) Vinyl Acetate	6.345	43	4275	0.255 ug/l #		74
25) 2-Butanone	7.251	43	2025	0.379 ug/l #		74
28) Bromochloromethane	7.581	49	141	Below Cal #		20
29) Tetrahydrofuran	7.616	42	2174	0.615 ug/l #		56
31) Cyclohexane	8.010	56	10832	1.154 ug/l #		47
36) 1,1-Dichloropropene	8.145	75	1980	0.301 ug/l		98
37) Ethyl Acetate	7.251	43	2025	0.212 ug/l #		47
38) Carbon Tetrachloride	8.022	117	37957	5.580 ug/l #		14
44) Trichloroethene	9.157	130	1175	0.260 ug/l		49
46) Dibromomethane	9.510	93	813	0.222 ug/l #		78
49) 1,4-Dioxane	9.528	88	306	2.108 ug/l #		43
51) 4-Methyl-2-Pentanone	10.275	43	4261	0.417 ug/l		91
53) t-1,3-Dichloropropene	10.663	75	1829	0.227 ug/l #		88
59) 2-Hexanone	11.022	43	6630	0.841 ug/l		91
64) Tetrachloroethene	10.916	164	1235	0.324 ug/l #		57
65) Chlorobenzene	11.716	112	3204	0.237 ug/l		96
68) m/p-Xylenes	11.898	106	3420	0.356 ug/l		80
70) Styrene	12.239	104	3497	0.228 ug/l #		90
74) N-amyl acetate	12.345	43	4010	Below Cal #		50
75) 1,1,2,2-Tetrachloroethane	12.769	83	1882	0.213 ug/l #		83
76) 1,2,3-Trichloropropane	12.674	75	163822	25.583 ug/l #		1
77) Bromobenzene	12.810	156	1664	0.329 ug/l		87
78) n-propylbenzene	12.869	91	6173	0.229 ug/l		95

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Instrument :
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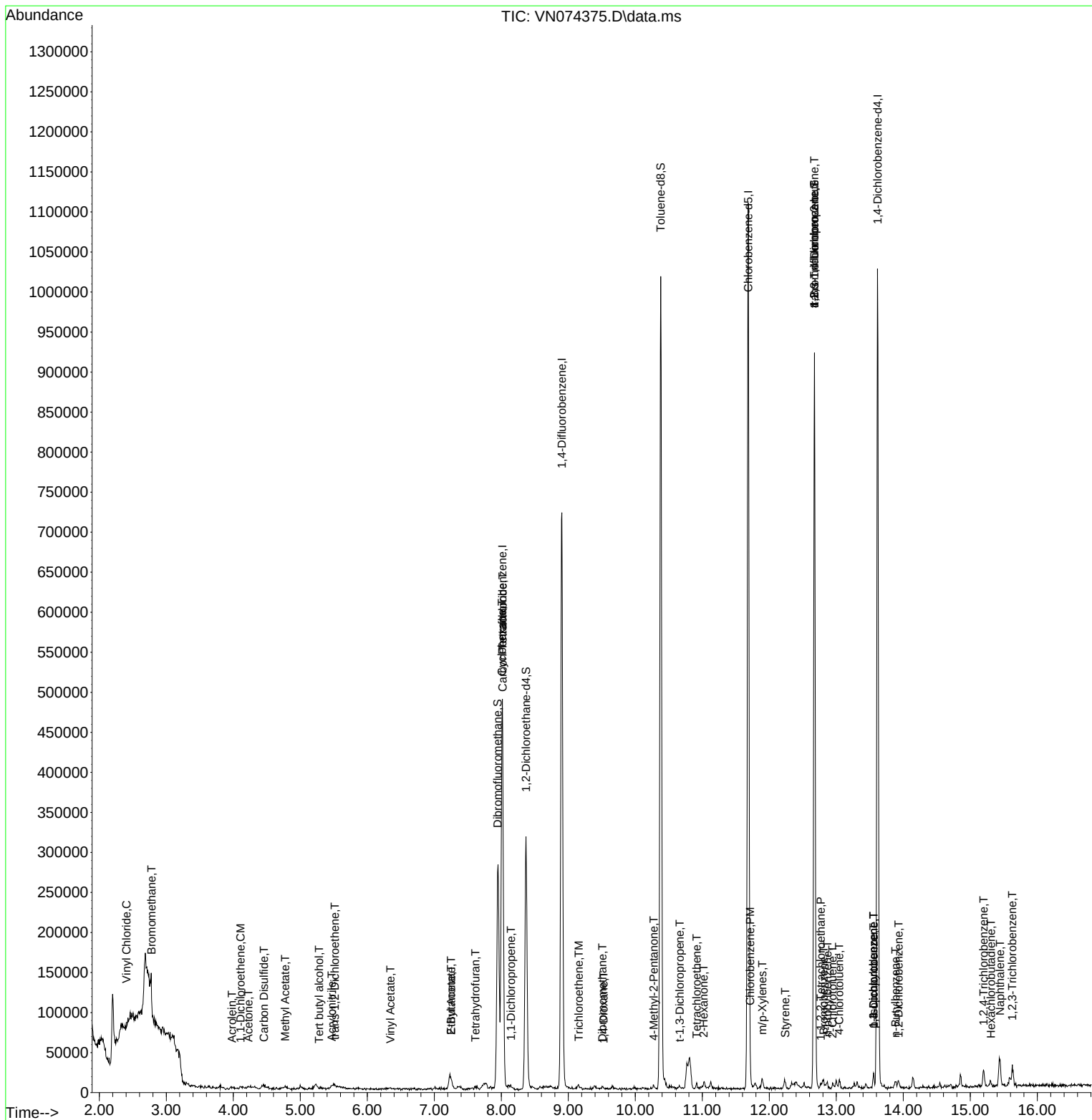
Quant Time: Sep 10 06:13:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

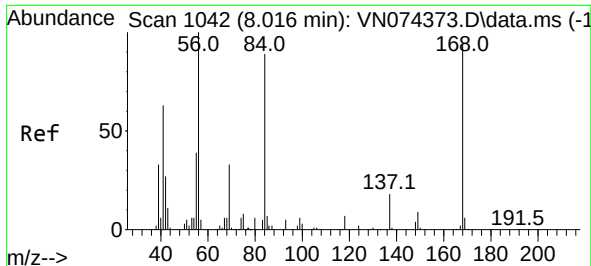
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.945	91	3584	0.218	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.674	75	163822	57.023	ug/l #	9
82) 4-Chlorotoluene	13.045	91	6160	0.388	ug/l	100
86) p-Isopropyltoluene	13.557	119	3894	0.203	ug/l #	85
87) 1,3-Dichlorobenzene	13.557	146	3895	0.417	ug/l	95
88) 1,4-Dichlorobenzene	13.557	146	3895	0.413	ug/l	96
89) n-Butylbenzene	13.886	91	4833	0.297	ug/l	95
91) 1,2-Dichlorobenzene	13.933	146	3551	0.361	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.545	75	1518	Below Cal		71
93) 1,2,4-Trichlorobenzene	15.198	180	7057	1.442	ug/l	80
94) Hexachlorobutadiene	15.310	225	908	0.409	ug/l #	64
95) Naphthalene	15.445	128	35939	1.877	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	6525	1.288	ug/l	87

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

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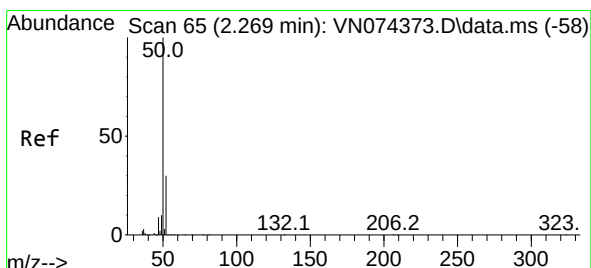
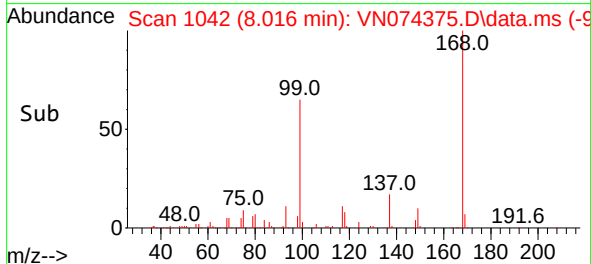
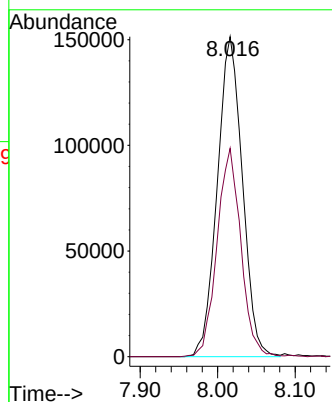
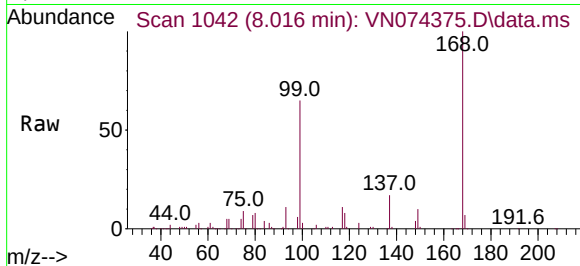




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

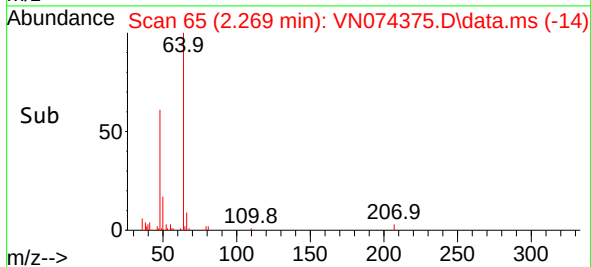
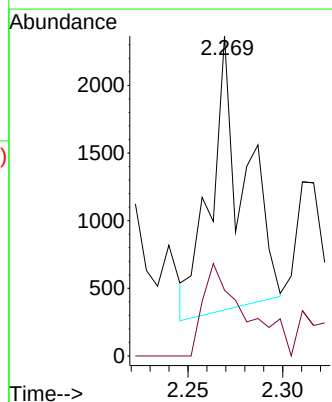
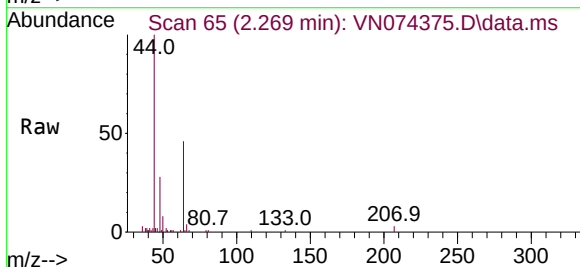
Instrument :
MSVOA_N
ClientSampleId :
IBLK

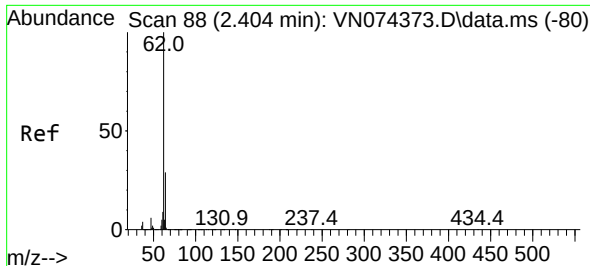
Tgt Ion:168 Resp: 340989
Ion Ratio Lower Upper
168 100
99 65.1 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 50 Resp: 2505
Ion Ratio Lower Upper
50 100
52 25.5 24.1 36.1

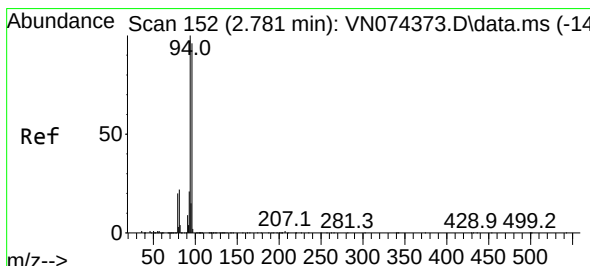
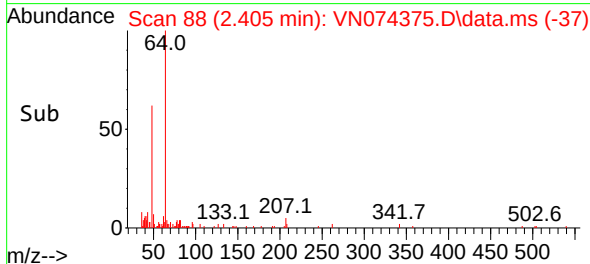
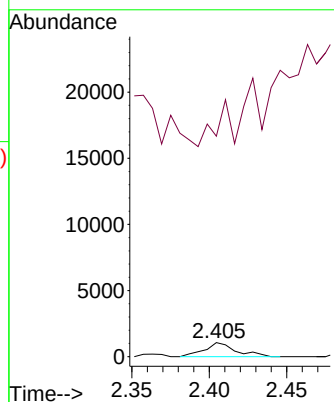
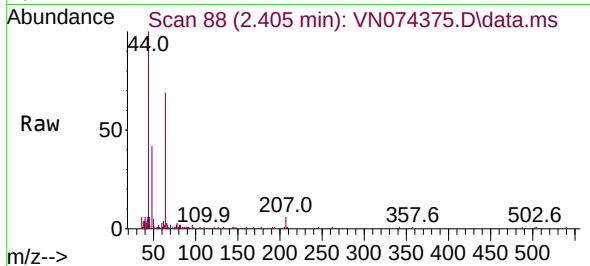




#4
 Vinyl Chloride
 Concen: 0.203 ug/l
 RT: 2.405 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VN074375.D
 Acq: 09 Sep 2022 13:13

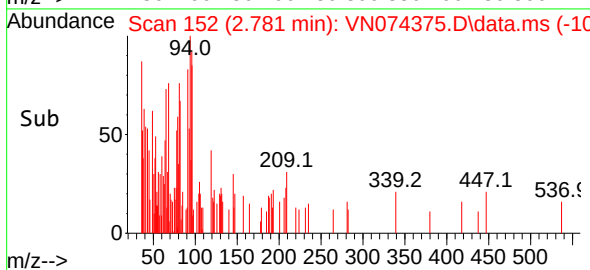
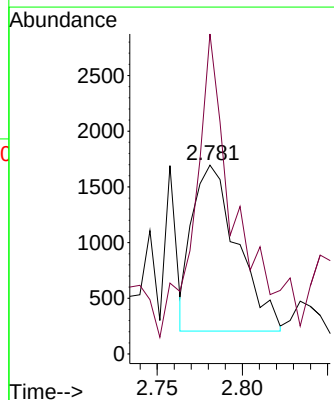
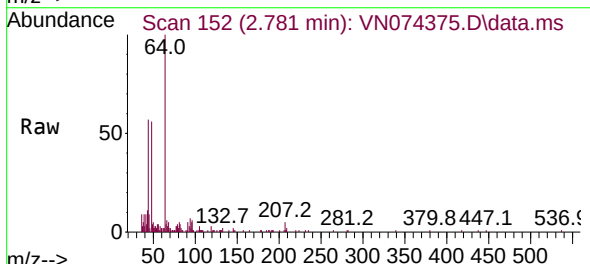
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

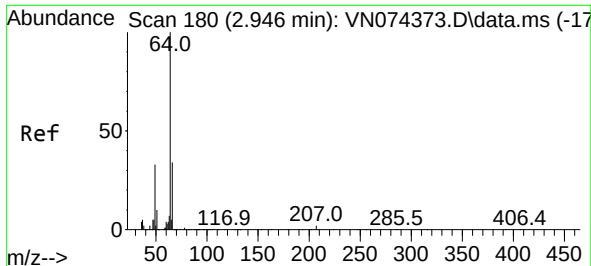
Tgt Ion: 62 Resp: 1502
 Ion Ratio Lower Upper
 62 100
 64 0.0 23.5 35.3#



#5
 Bromomethane
 Concen: 0.533 ug/l
 RT: 2.781 min Scan# 152
 Delta R.T. -0.000 min
 Lab File: VN074375.D
 Acq: 09 Sep 2022 13:13

Tgt Ion: 94 Resp: 2751
 Ion Ratio Lower Upper
 94 100
 96 159.9 76.7 115.1#

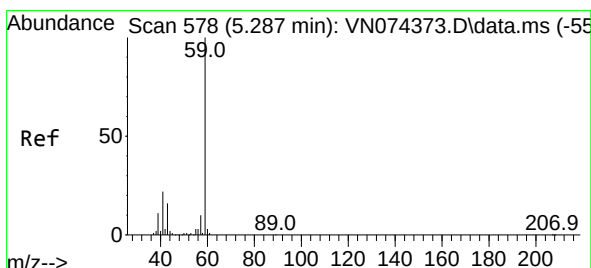
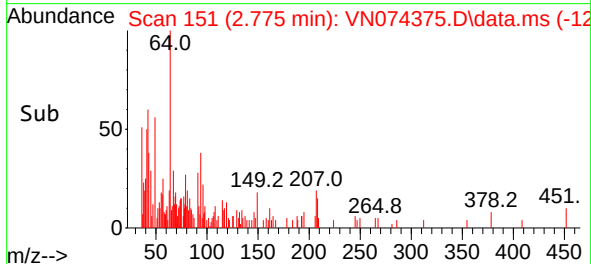
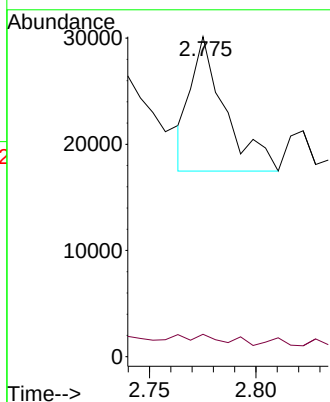
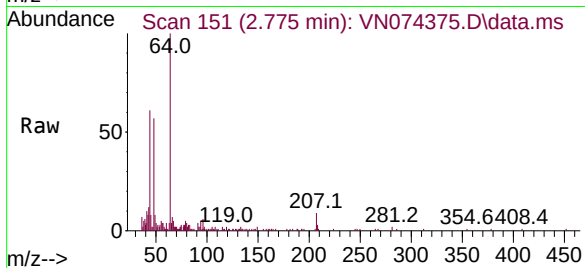




#6
Chloroethane
Concen: Below Cal
RT: 2.775 min Scan# 11
Delta R.T. -0.171 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

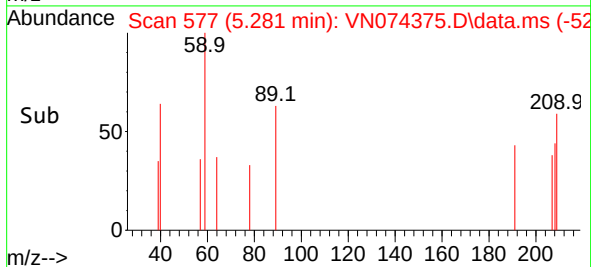
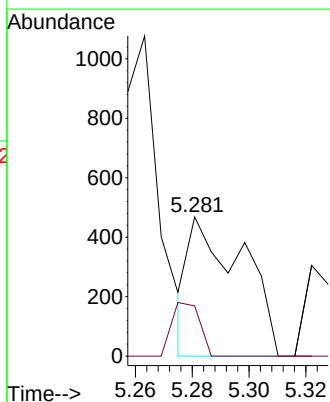
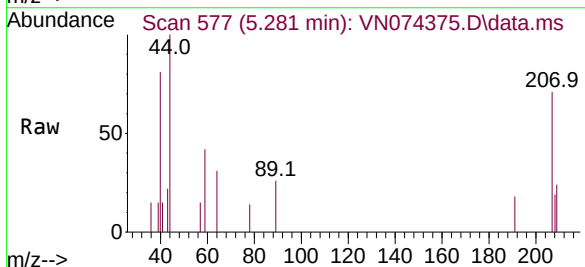
Instrument :
MSVOA_N
ClientSampleId :
IBLK

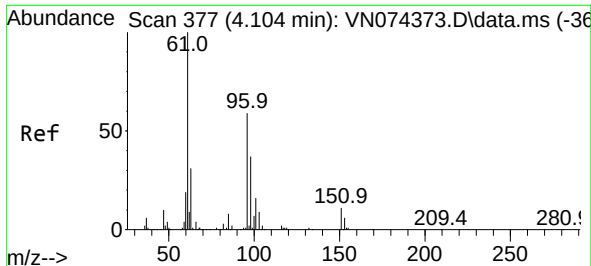
Tgt Ion: 64 Resp: 14143
Ion Ratio Lower Upper
64 100
66 2.7 26.5 39.7#



#11
Tert butyl alcohol
Concen: 0.400 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 59 Resp: 617
Ion Ratio Lower Upper
59 100
57 19.9 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 0.235 ug/l

RT: 4.110 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

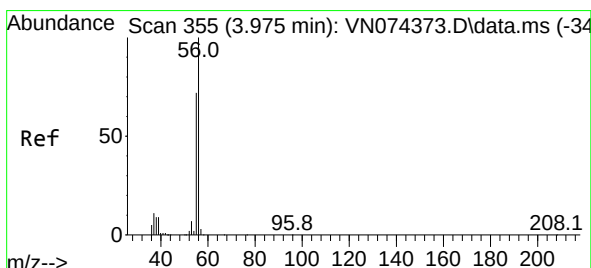
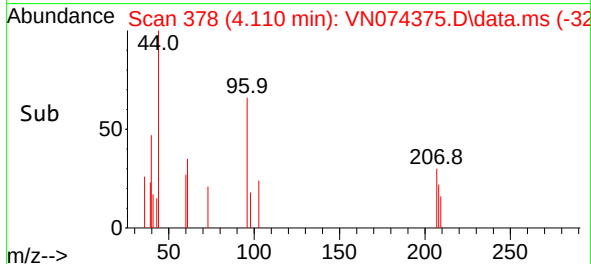
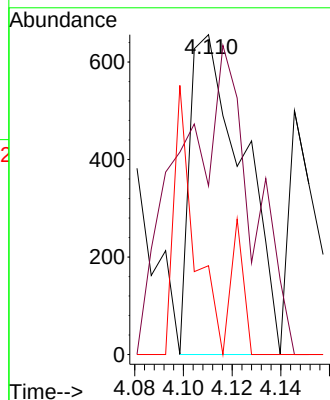
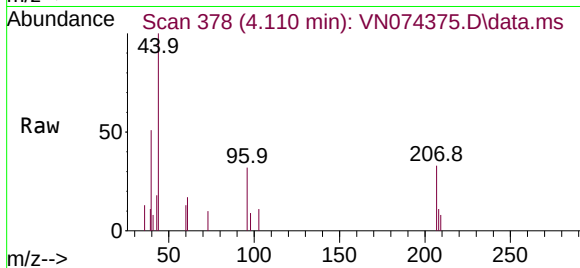
Tgt Ion: 96 Resp: 998

Ion Ratio Lower Upper

96 100

61 29.4 134.7 202.1#

98 27.7 50.2 75.4#



#13

Acrolein

Concen: 0.763 ug/l

RT: 3.981 min Scan# 356

Delta R.T. 0.006 min

Lab File: VN074375.D

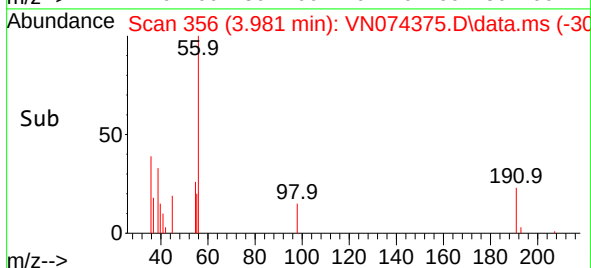
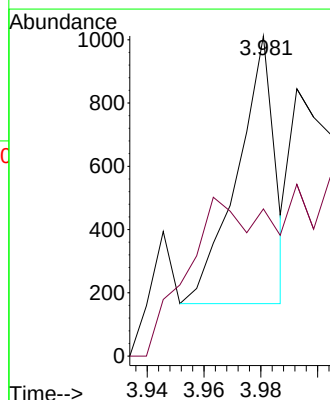
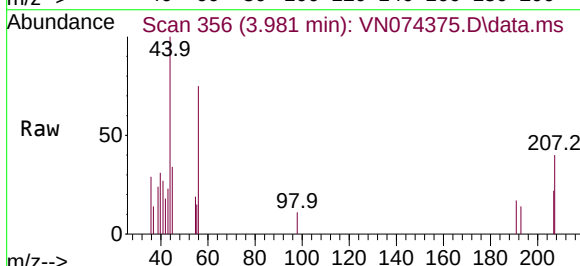
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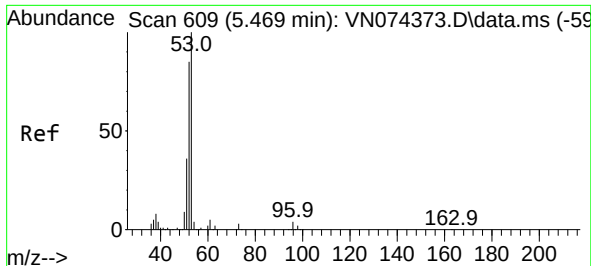
Tgt Ion: 56 Resp: 782

Ion Ratio Lower Upper

56 100

55 93.5 56.2 84.4#

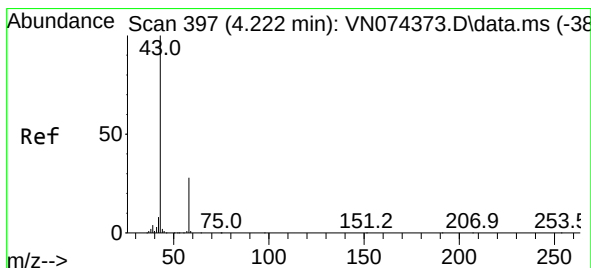
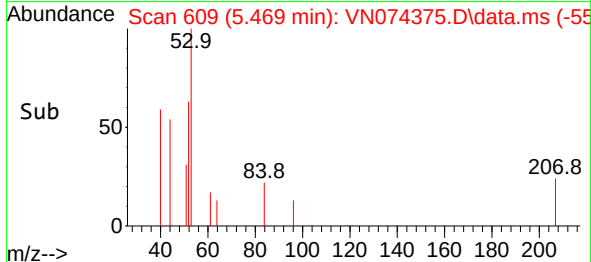
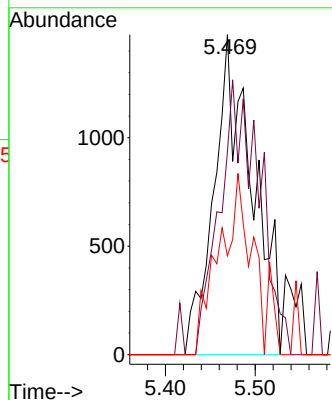
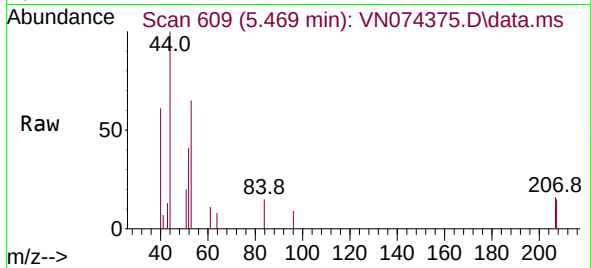




#15
Acrylonitrile
Concen: 1.242 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

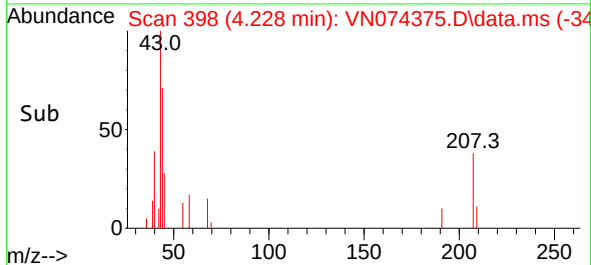
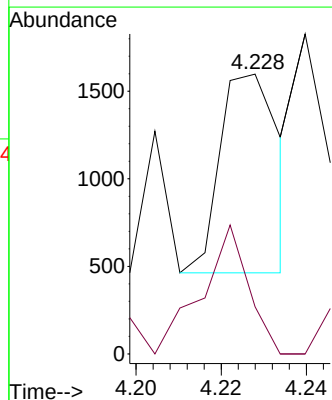
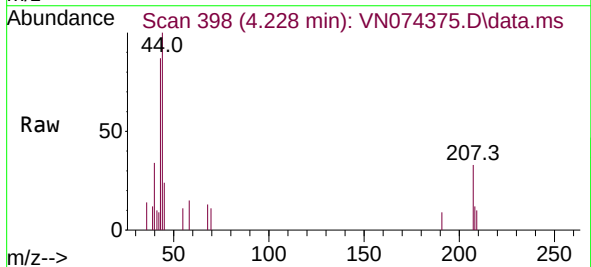
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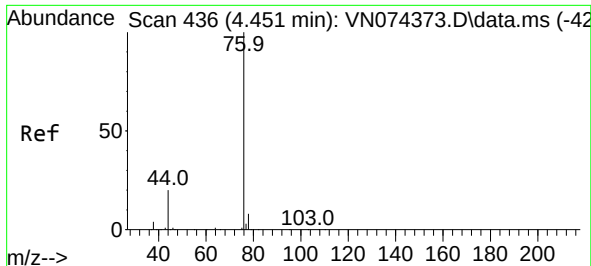
Tgt Ion: 53 Resp: 4385
Ion Ratio Lower Upper
53 100
52 89.1 65.9 98.9
51 46.7 29.4 44.2#



#16
Acetone
Concen: 0.346 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1





#17

Carbon Disulfide

Concen: 0.753 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

Instrument :

MSVOA_N

ClientSampleId :

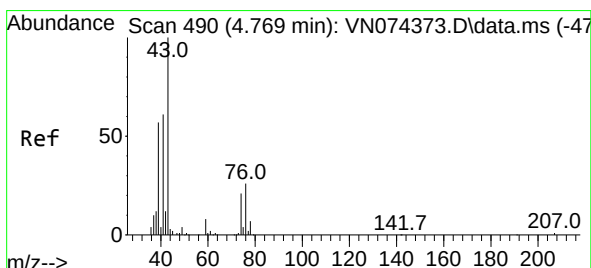
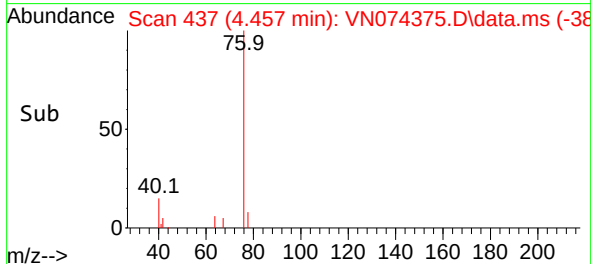
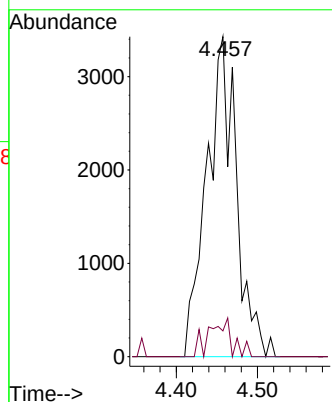
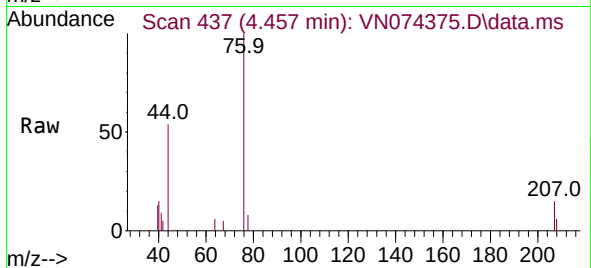
IBLK

Tgt Ion: 76 Resp: 8703

Ion Ratio Lower Upper

76 100

78 8.1 6.5 9.7



#18

Methyl Acetate

Concen: 0.417 ug/l

RT: 4.775 min Scan# 491

Delta R.T. 0.006 min

Lab File: VN074375.D

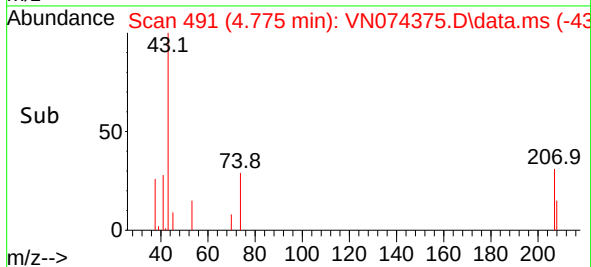
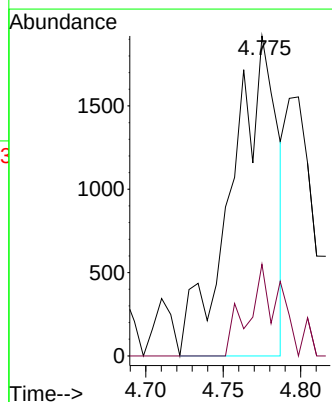
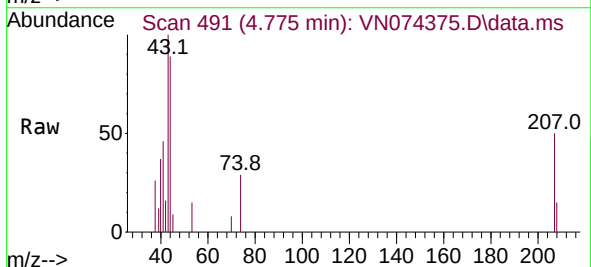
Acq: 09 Sep 2022 13:13

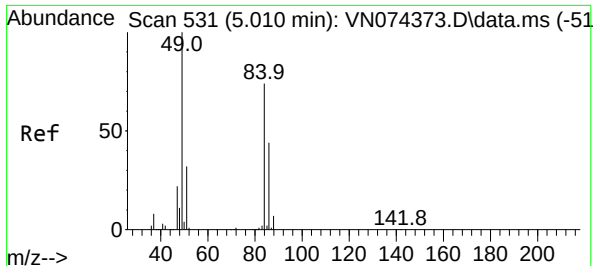
Tgt Ion: 43 Resp: 3918

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1

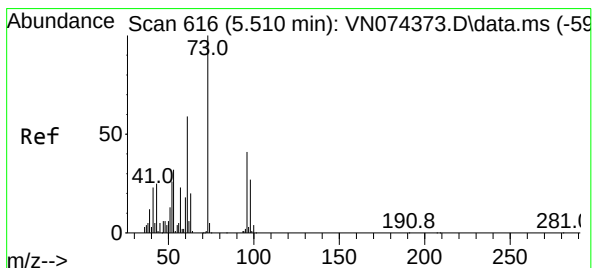
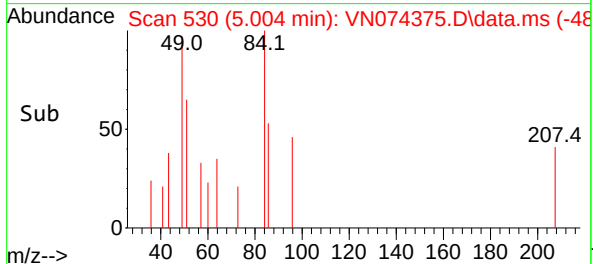
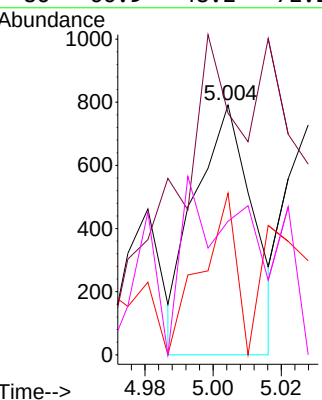
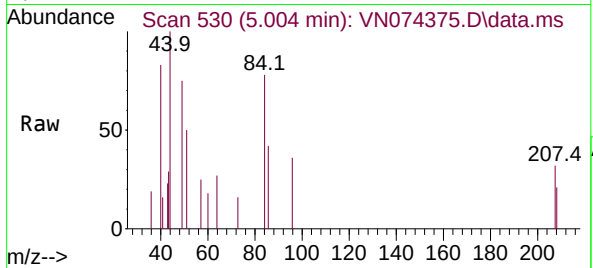




#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

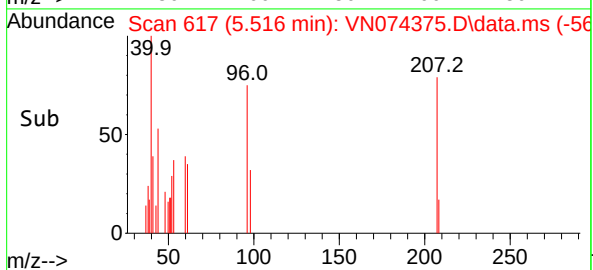
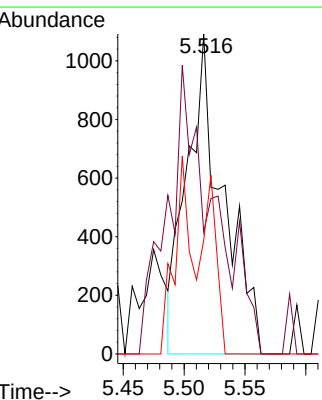
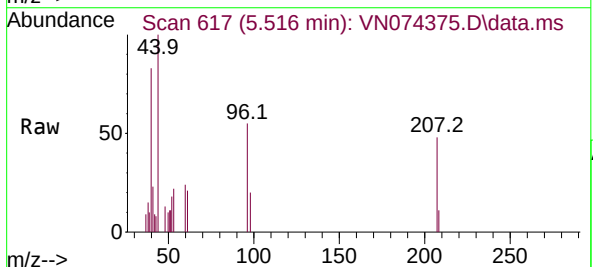
Instrument :
MSVOA_N
ClientSampleId :
IBLK

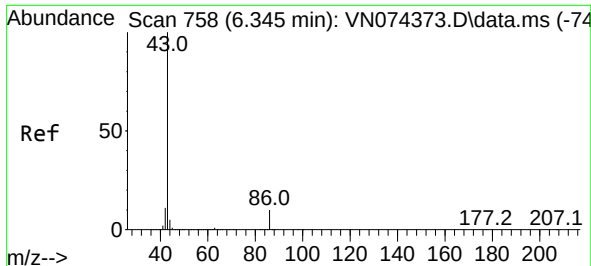
Tgt Ion: 84 Resp: 933
Ion Ratio Lower Upper
84 100
49 32.6 108.2 162.4#
51 81.0 34.3 51.5#
86 66.9 48.2 72.2



#21
trans-1,2-Dichloroethene
Concen: 0.473 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 96 Resp: 2254
Ion Ratio Lower Upper
96 100
61 38.1 115.3 172.9#
98 35.5 53.4 80.0#

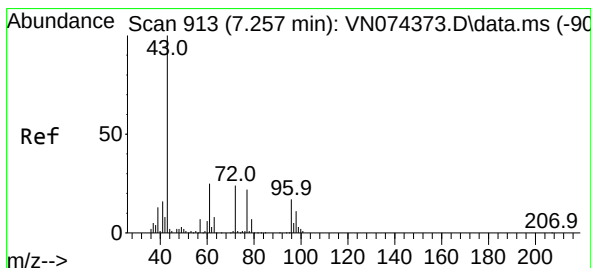
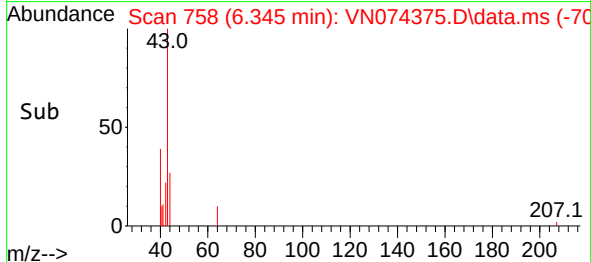
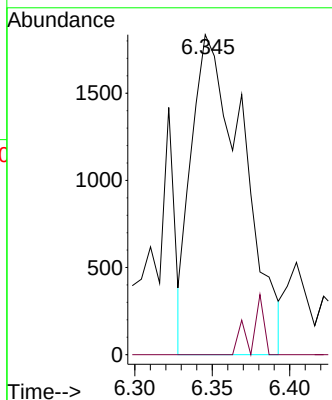
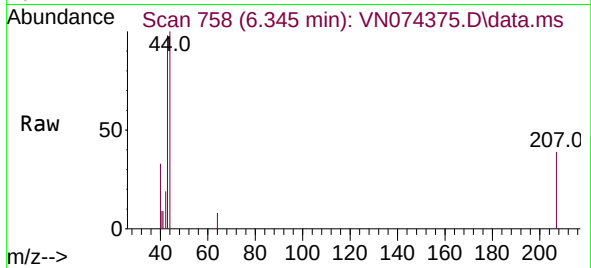




#23
 Vinyl Acetate
 Concen: 0.255 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074375.D
 Acq: 09 Sep 2022 13:13

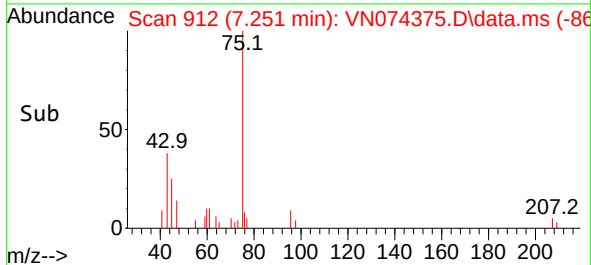
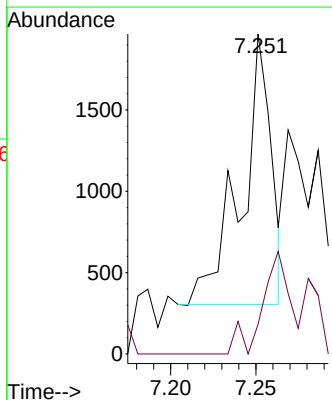
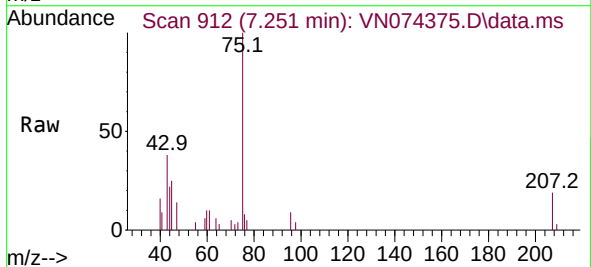
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

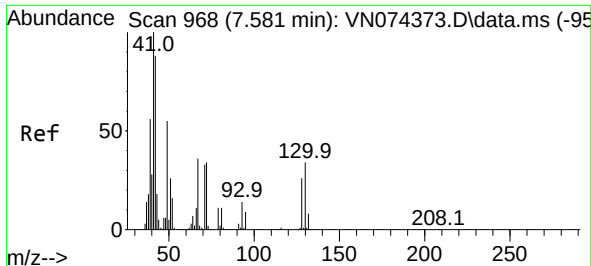
Tgt Ion: 43 Resp: 4275
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.6 11.4#



#25
 2-Butanone
 Concen: 0.379 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: VN074375.D
 Acq: 09 Sep 2022 13:13

Tgt Ion: 43 Resp: 2025
 Ion Ratio Lower Upper
 43 100
 72 11.0 18.9 28.3#

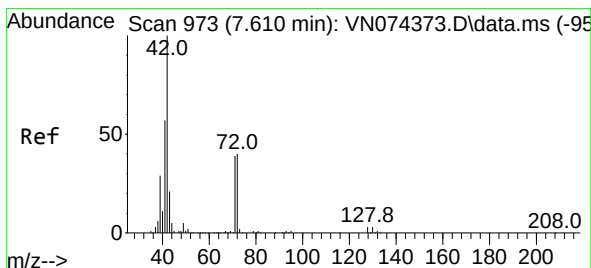
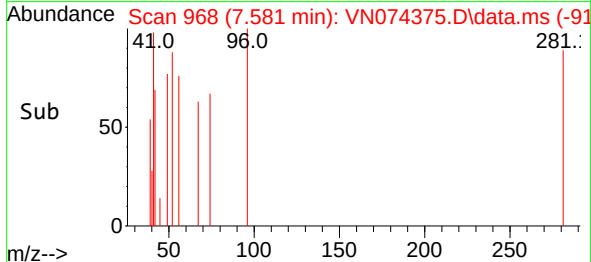
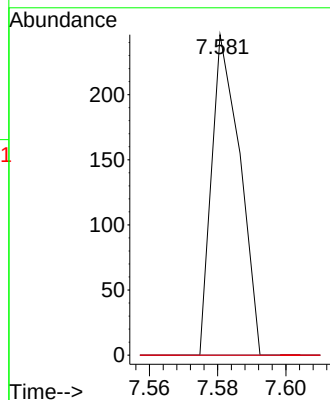
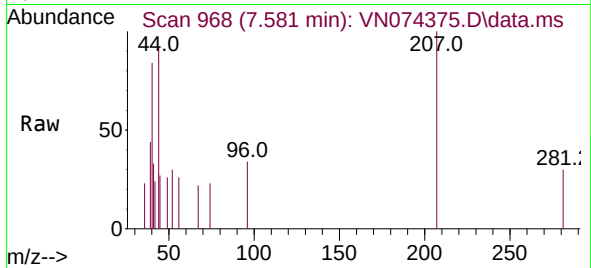




#28
Bromochloromethane
Concen: Below Cal
RT: 7.581 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

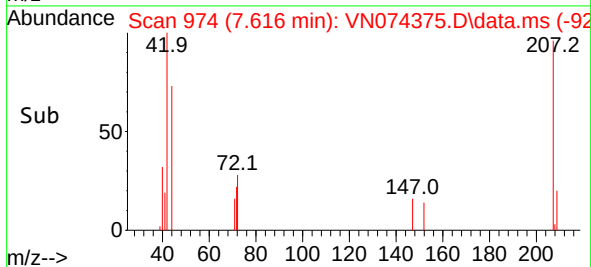
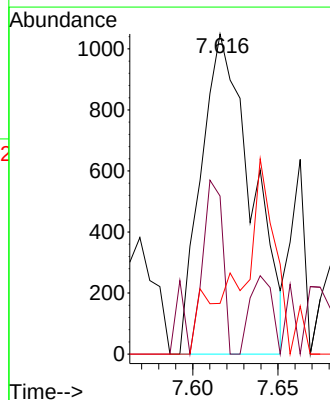
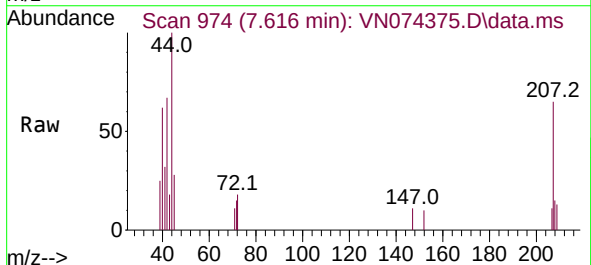
Instrument :
MSVOA_N
ClientSampleId :
IBLK

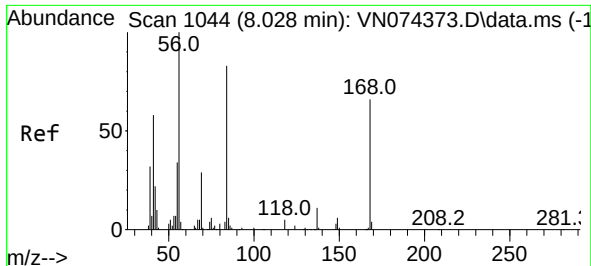
Tgt Ion: 49 Resp: 141
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 50.0 75.0#



#29
Tetrahydrofuran
Concen: 0.615 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 42 Resp: 2174
Ion Ratio Lower Upper
42 100
72 25.1 32.7 49.1#
71 0.0 31.0 46.6#

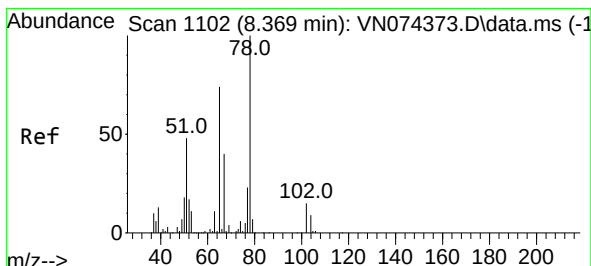
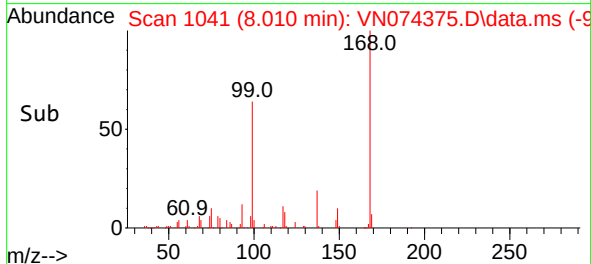
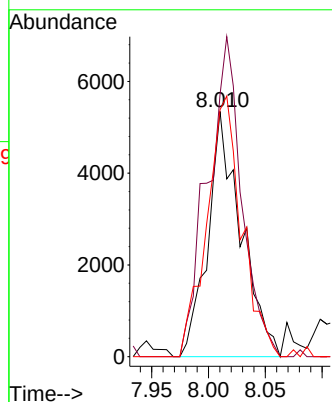
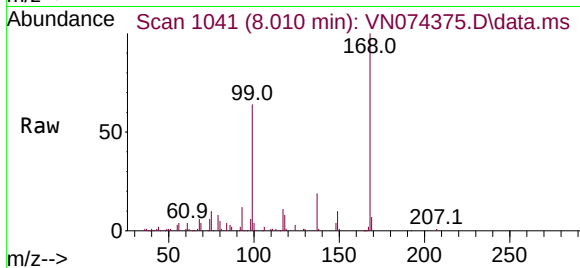




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 8.010 min Scan# 1044
Delta R.T. -0.018 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

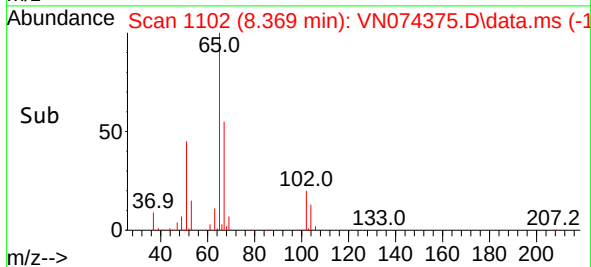
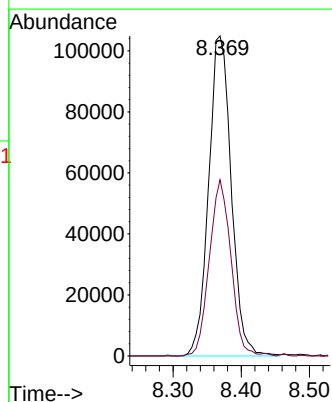
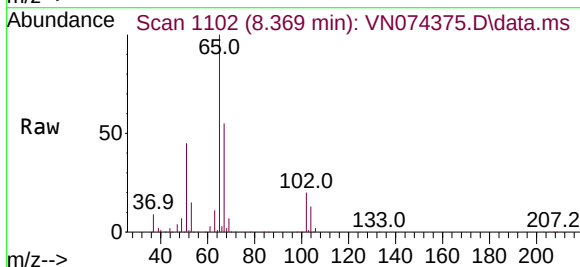
Instrument :
MSVOA_N
ClientSampleId :
IBLK

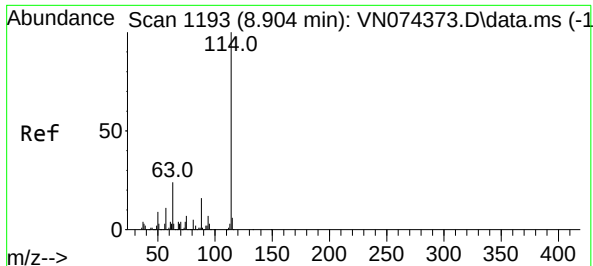
Tgt Ion: 56 Resp: 10832
Ion Ratio Lower Upper
56 100
69 106.9 23.0 34.4#
84 100.7 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 41.032 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 65 Resp: 242071
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

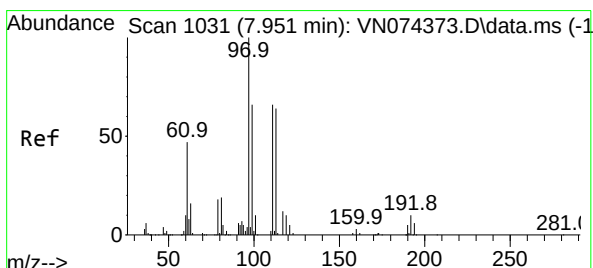
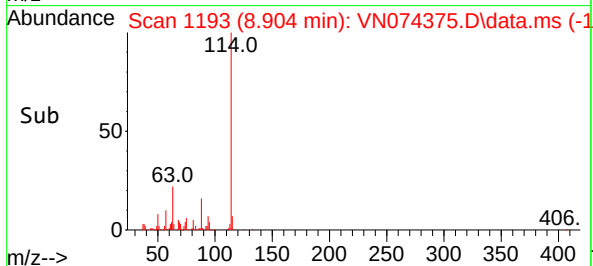
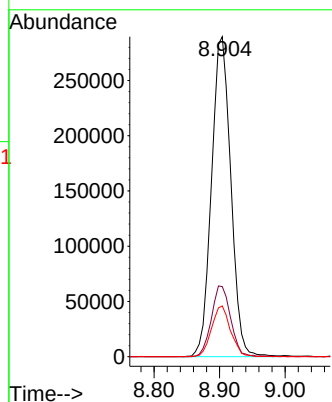
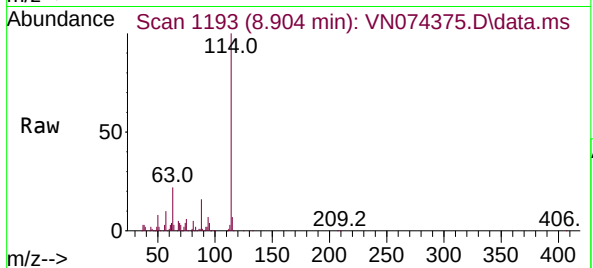
Tgt Ion:114 Resp: 592392

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.643 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

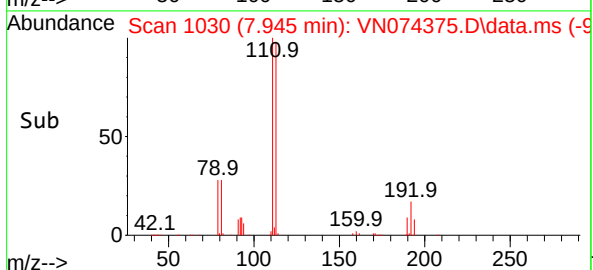
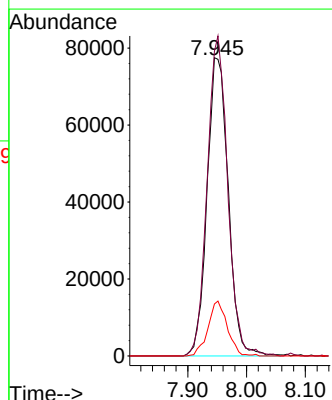
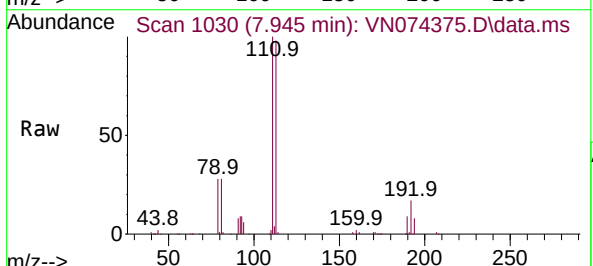
Tgt Ion:113 Resp: 194533

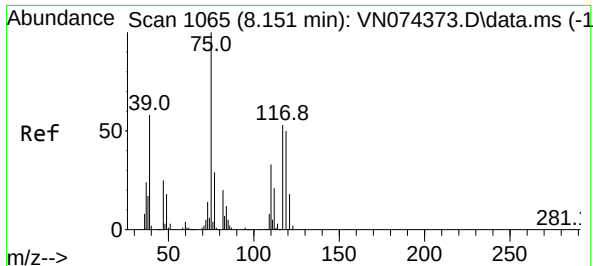
Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

192 16.8 13.7 20.5





#36

1,1-Dichloropropene

Concen: 0.301 ug/l

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

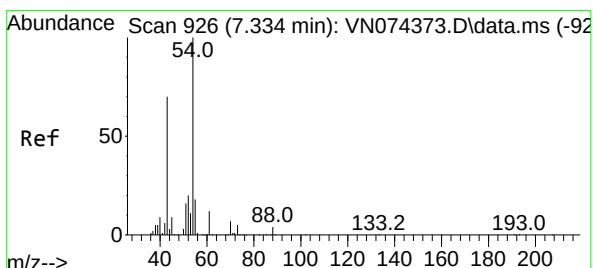
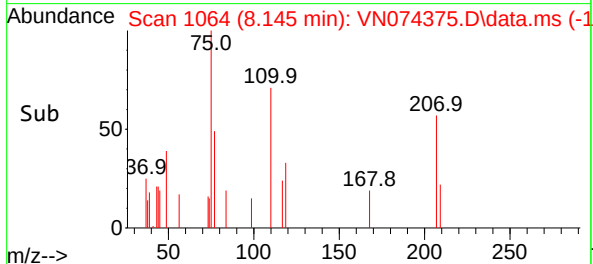
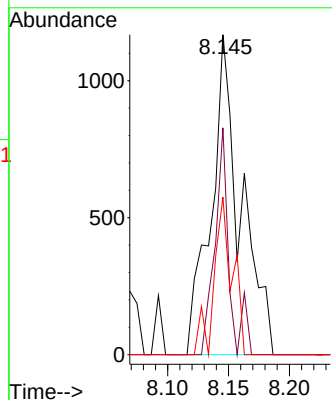
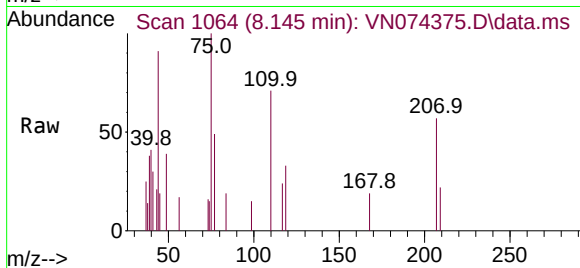
Tgt Ion: 75 Resp: 1980

Ion Ratio Lower Upper

75 100

110 33.9 16.4 49.1

77 30.5 25.4 38.2



#37

Ethyl Acetate

Concen: 0.212 ug/l

RT: 7.251 min Scan# 912

Delta R.T. -0.082 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

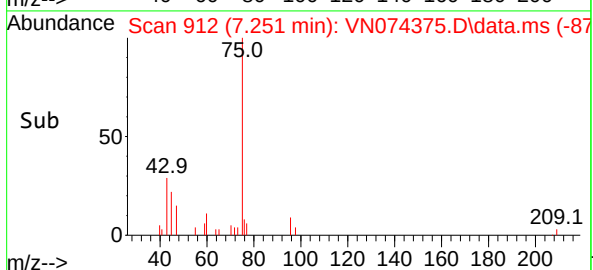
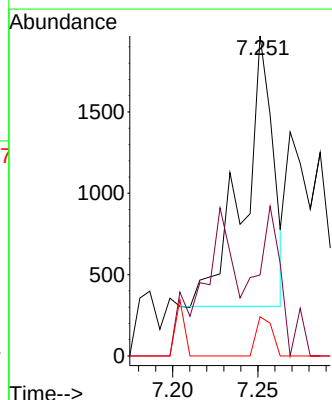
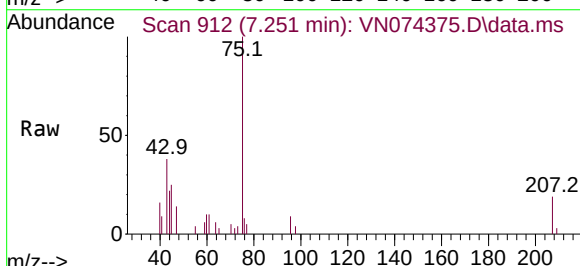
Tgt Ion: 43 Resp: 2025

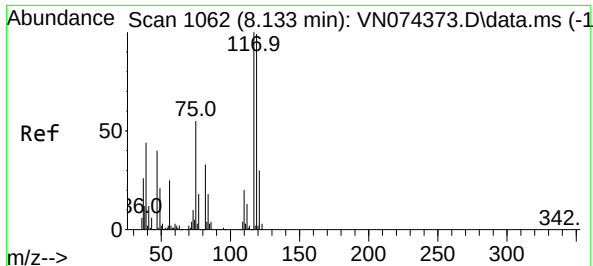
Ion Ratio Lower Upper

43 100

61 48.1 11.1 16.7#

70 7.7 7.2 10.8

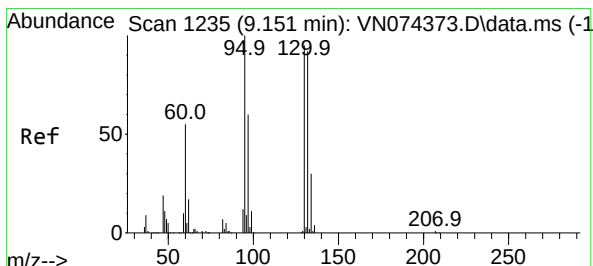
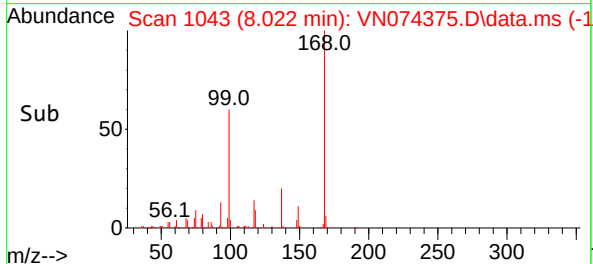
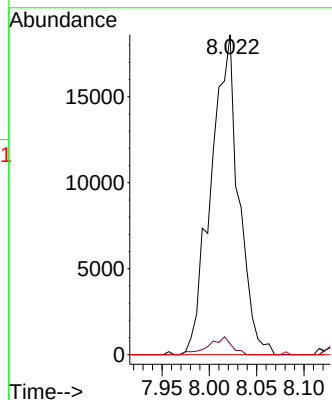
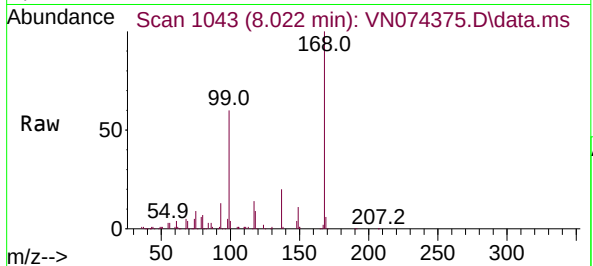




#38
Carbon Tetrachloride
Concen: 5.580 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

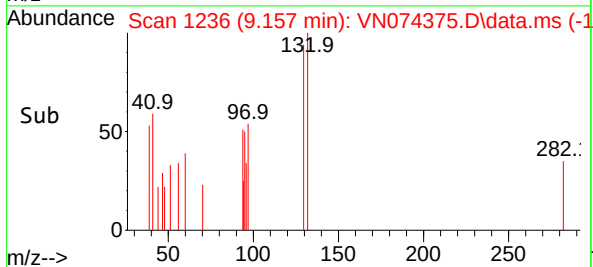
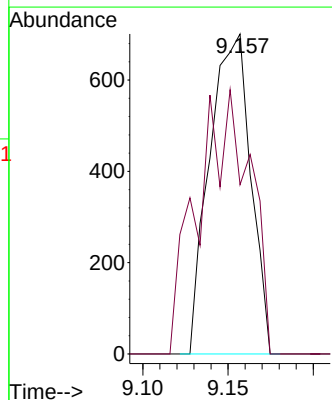
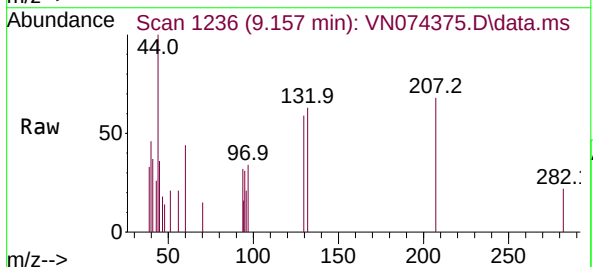
Instrument :
MSVOA_N
ClientSampleId :
IBLK

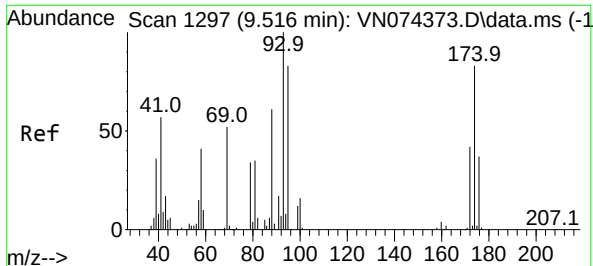
Tgt Ion:117 Resp: 37957
Ion Ratio Lower Upper
117 100
119 3.4 78.8 118.2#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 0.260 ug/l
RT: 9.157 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion:130 Resp: 1175
Ion Ratio Lower Upper
130 100
95 52.9 0.0 210.0

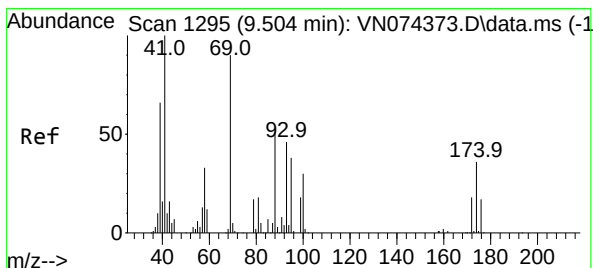
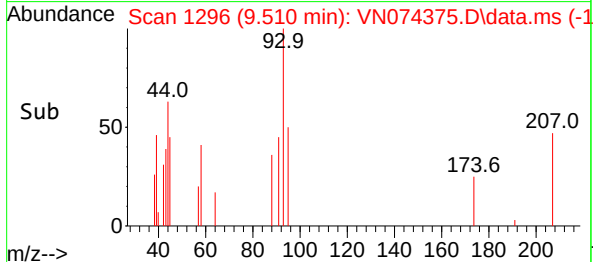
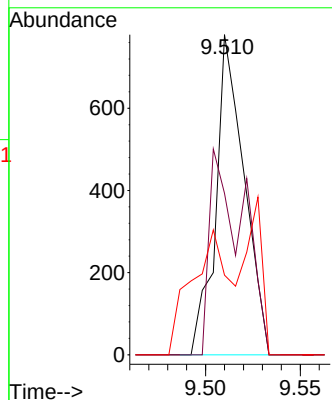
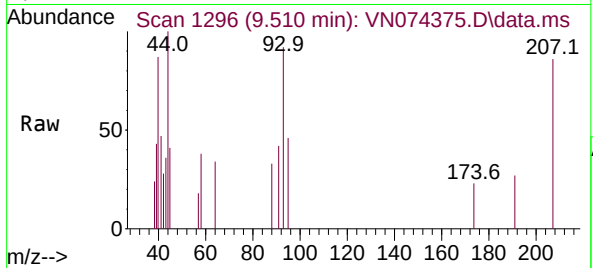




#46
Dibromomethane
Concen: 0.222 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

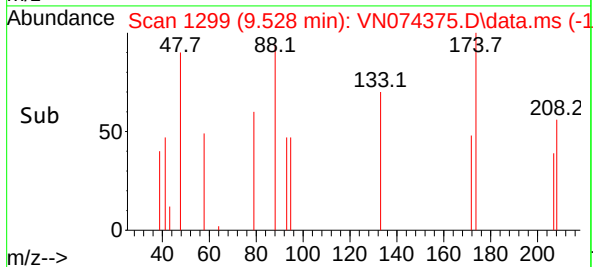
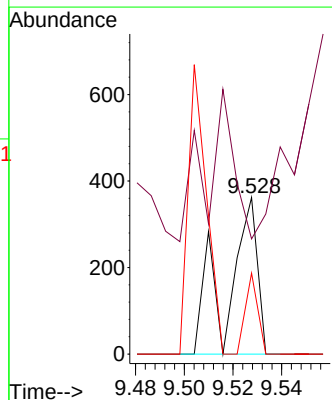
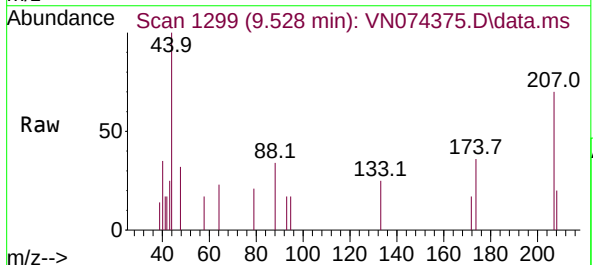
Instrument :
MSVOA_N
ClientSampleId :
IBLK

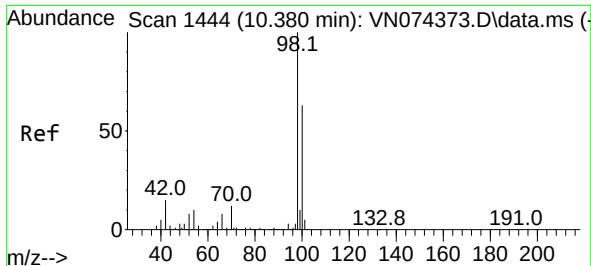
Tgt Ion: 93 Resp: 813
Ion Ratio Lower Upper
93 100
95 75.8 67.5 101.3
174 52.2 67.2 100.8#



#49
1,4-Dioxane
Concen: 2.108 ug/l
RT: 9.528 min Scan# 1299
Delta R.T. 0.024 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 88 Resp: 306
Ion Ratio Lower Upper
88 100
43 0.0 26.9 40.3#
58 21.6 52.7 79.1#

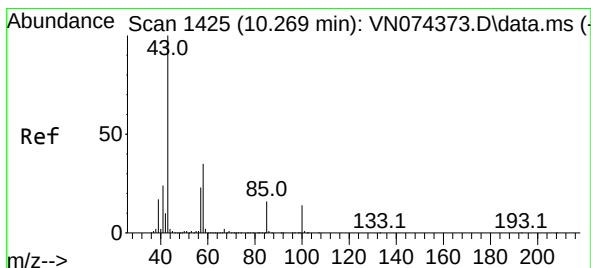
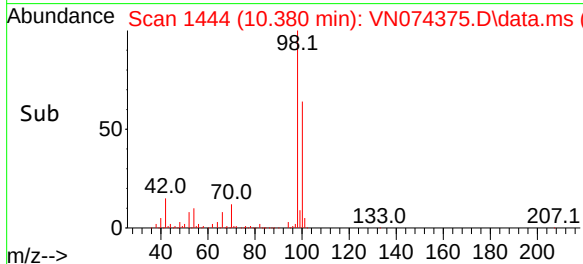
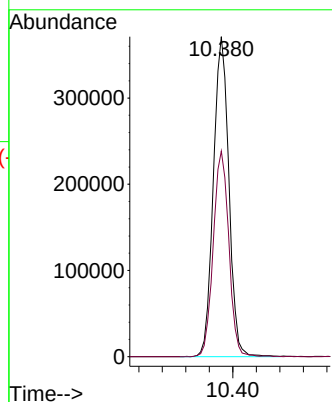
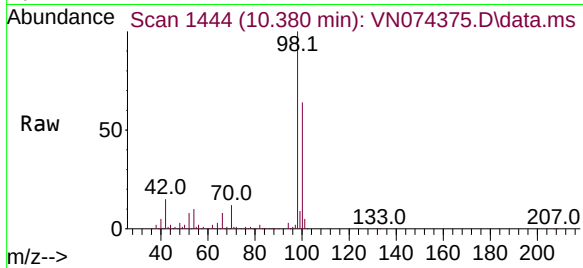




#50
Toluene-d8
Concen: 43.538 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

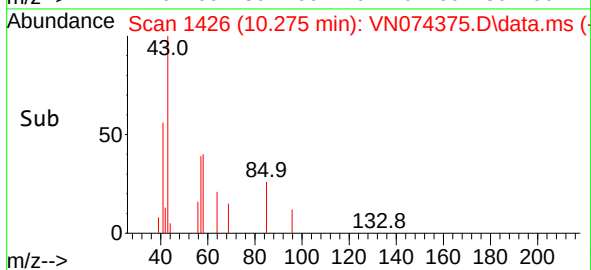
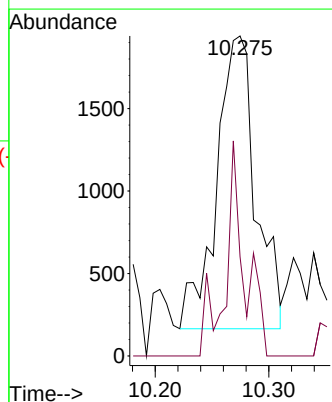
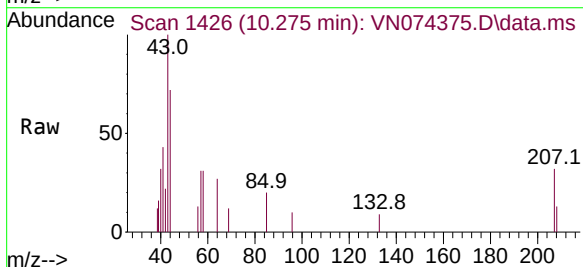
Instrument :
MSVOA_N
ClientSampleId :
IBLK

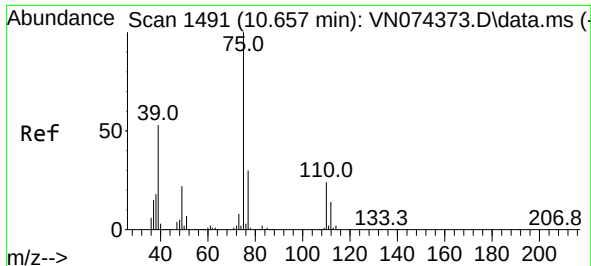
Tgt Ion: 98 Resp: 678451
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0



#51
4-Methyl-2-Pentanone
Concen: 0.417 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 43 Resp: 4261
Ion Ratio Lower Upper
43 100
58 30.7 29.0 43.6

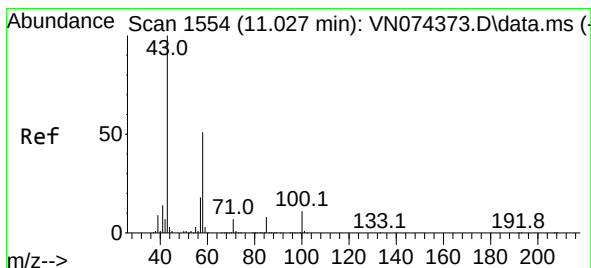
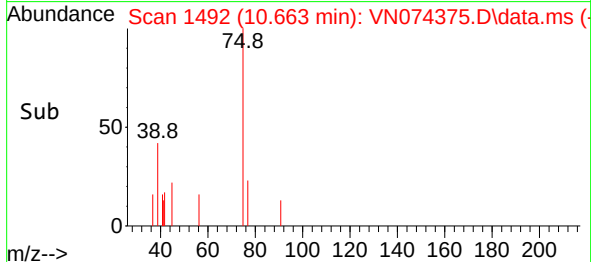
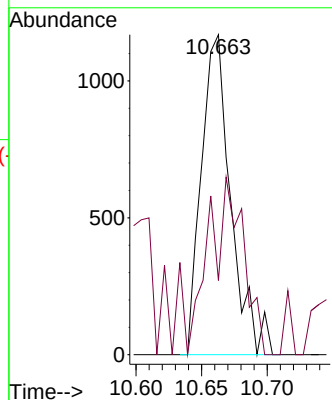
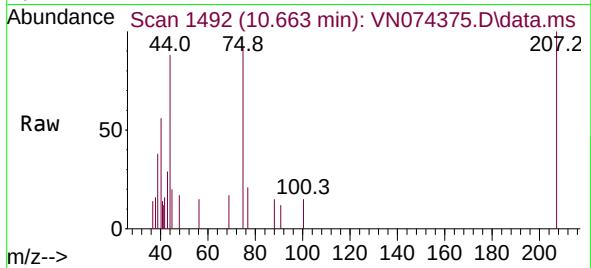




#53
t-1,3-Dichloropropene
Concen: 0.227 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

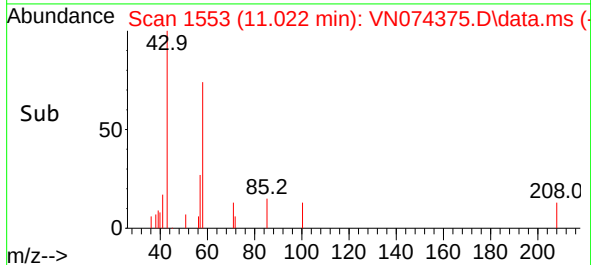
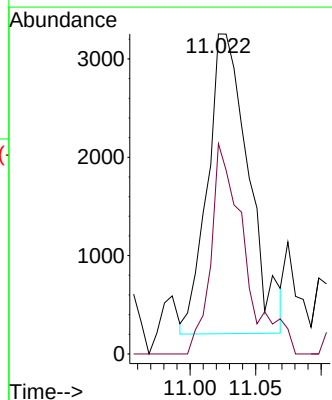
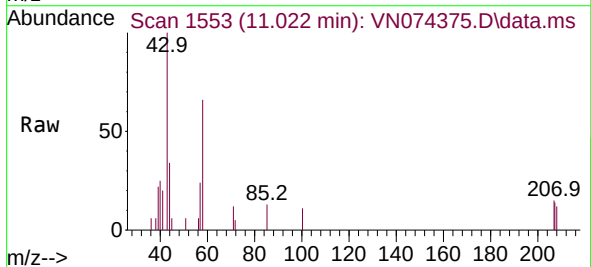
Instrument :
MSVOA_N
ClientSampleId :
IBLK

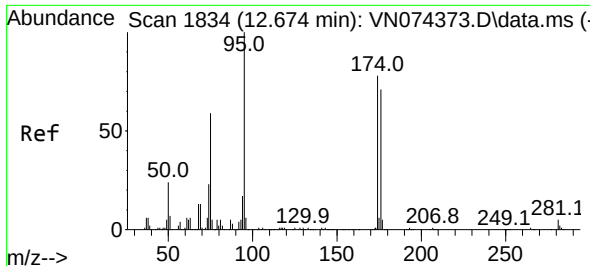
Tgt Ion: 75 Resp: 1829
Ion Ratio Lower Upper
75 100
77 23.2 23.9 35.9#



#59
2-Hexanone
Concen: 0.841 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 43 Resp: 6630
Ion Ratio Lower Upper
43 100
58 57.6 25.8 77.3

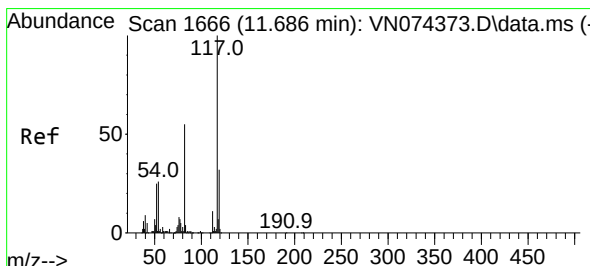
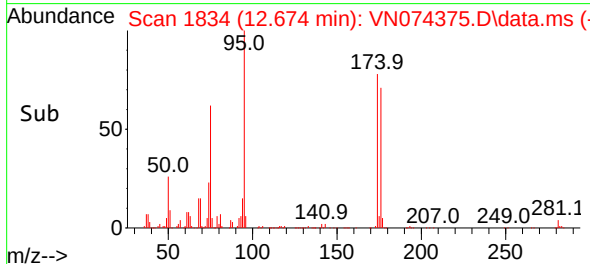
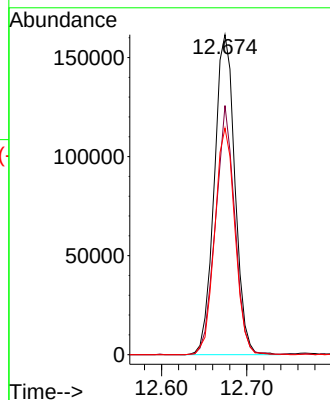
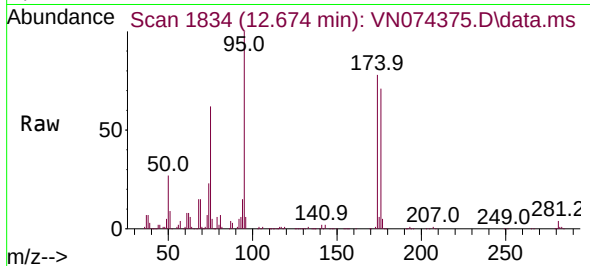




#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

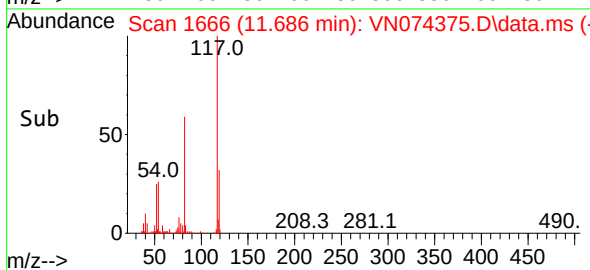
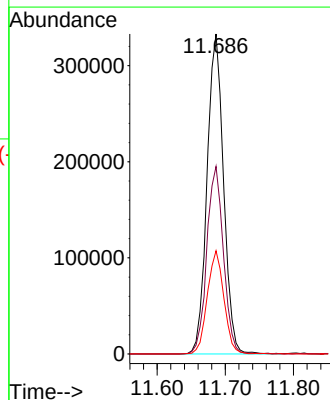
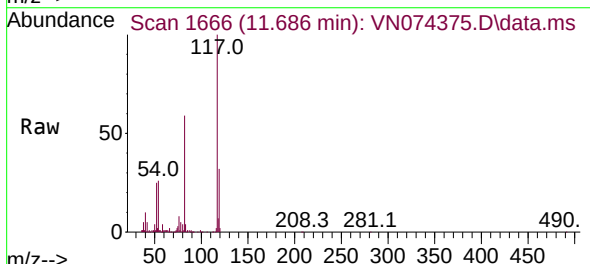
Instrument :
MSVOA_N
ClientSampleId :
IBLK

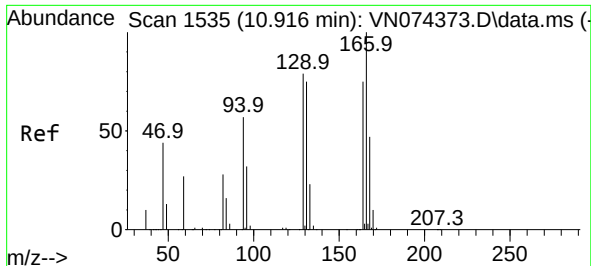
Tgt Ion: 95 Resp: 271806
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.6
176 69.7 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 117 Resp: 561580
Ion Ratio Lower Upper
117 100
82 58.6 44.3 66.5
119 32.3 25.5 38.3

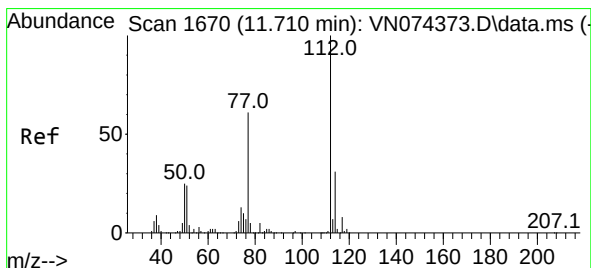
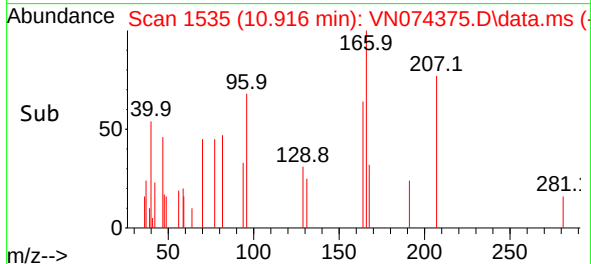
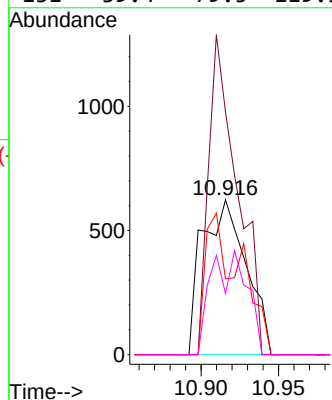
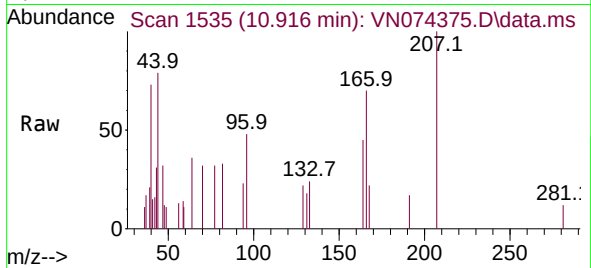




#64
Tetrachloroethene
Concen: 0.324 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

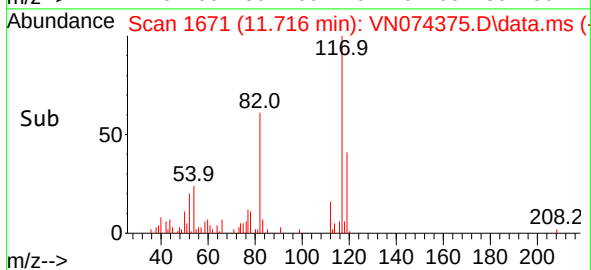
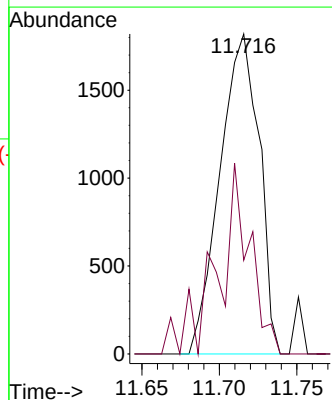
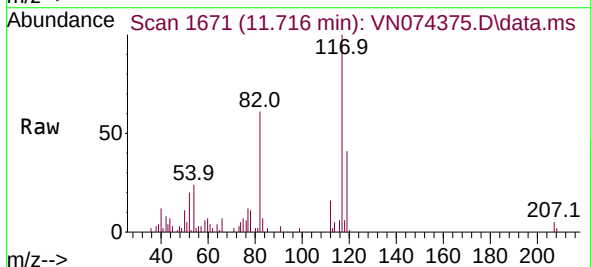
Instrument :
MSVOA_N
ClientSampleId :
IBLK

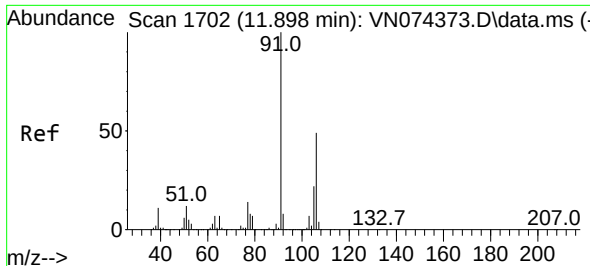
Tgt Ion:164 Resp: 1235
Ion Ratio Lower Upper
164 100
166 156.7 106.6 160.0
129 48.9 84.0 126.0#
131 39.4 79.5 119.3#



#65
Chlorobenzene
Concen: 0.237 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion:112 Resp: 3204
Ion Ratio Lower Upper
112 100
114 29.3 25.1 37.7

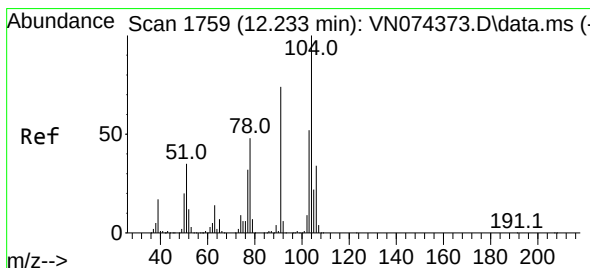
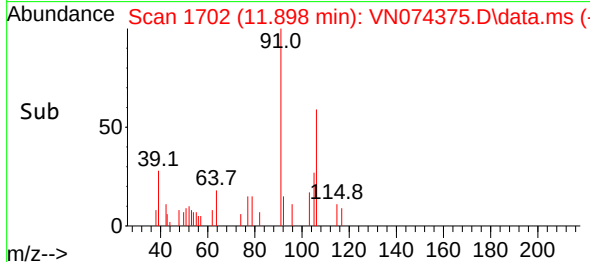
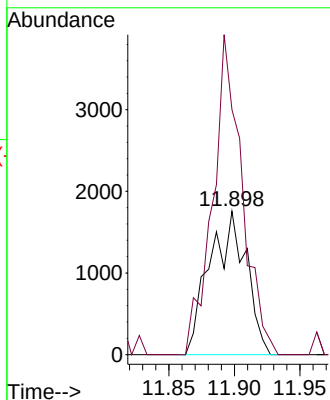
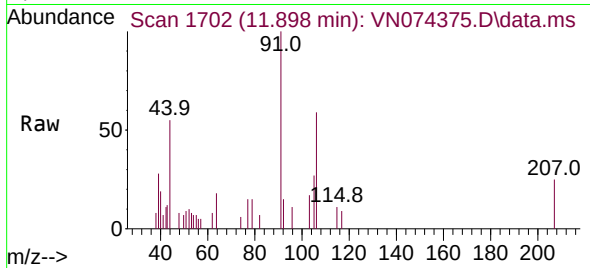




#68
m/p-Xylenes
Concen: 0.356 ug/l
RT: 11.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

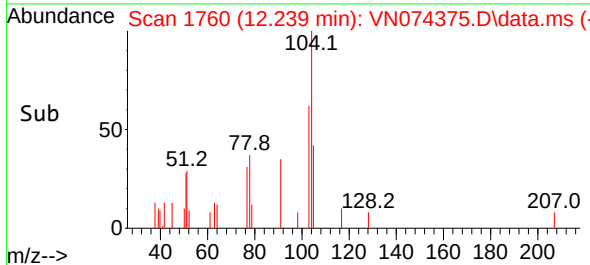
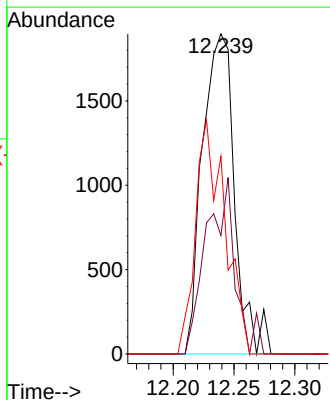
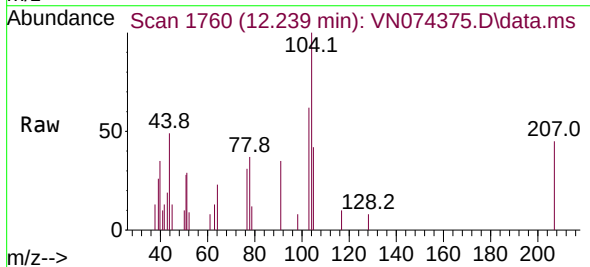
Instrument :
MSVOA_N
ClientSampleId :
IBLK

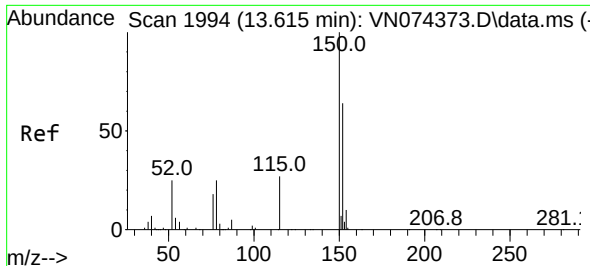
Tgt Ion:106 Resp: 3420
Ion Ratio Lower Upper
106 100
91 178.1 167.7 251.5



#70
Styrene
Concen: 0.228 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion:104 Resp: 3497
Ion Ratio Lower Upper
104 100
78 49.2 41.8 62.6
103 66.2 43.4 65.2#

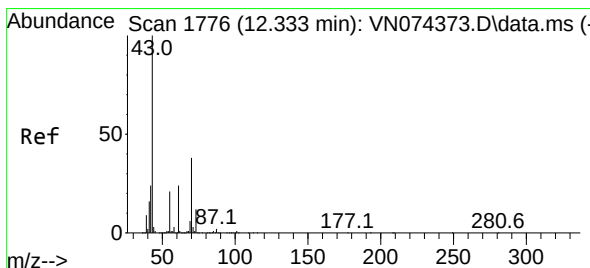
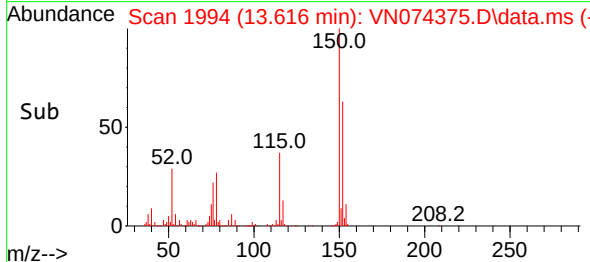
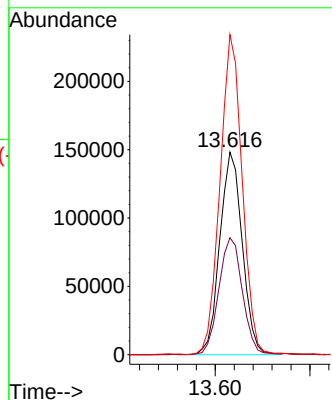
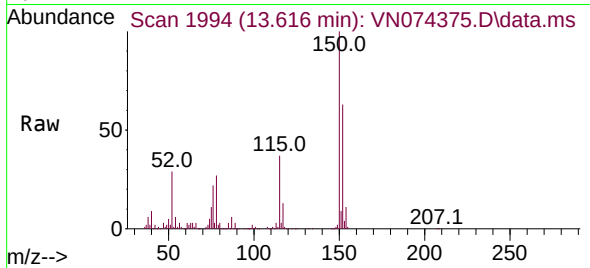




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

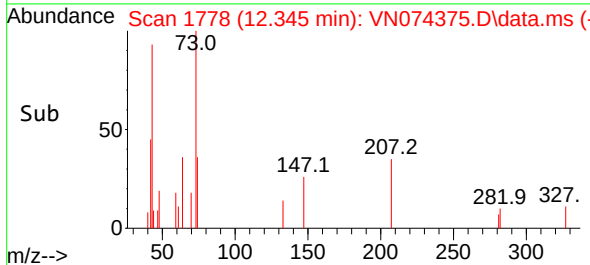
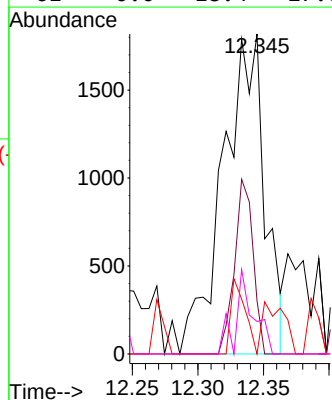
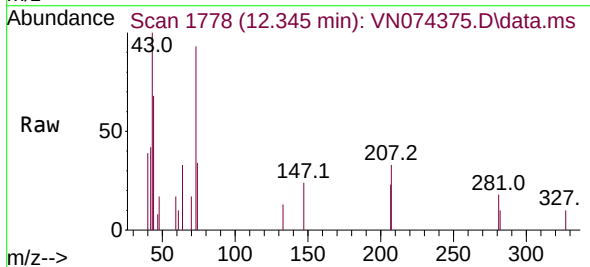
Instrument :
MSVOA_N
ClientSampleId :
IBLK

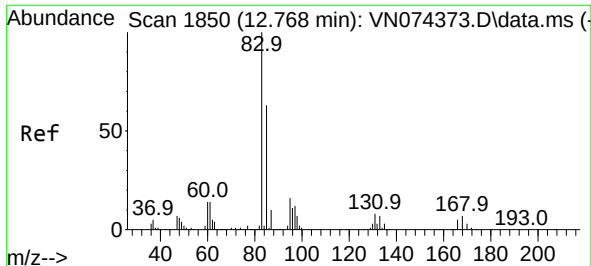
Tgt Ion:152 Resp: 244958
Ion Ratio Lower Upper
152 100
115 60.3 32.0 96.0
150 156.2 0.0 359.6



#74
N-ethyl acetate
Concen: Below Cal
RT: 12.345 min Scan# 1778
Delta R.T. 0.012 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 43 Resp: 4010
Ion Ratio Lower Upper
43 100
70 0.0 31.4 47.0#
55 8.5 17.0 25.6#
61 0.0 18.4 27.6#

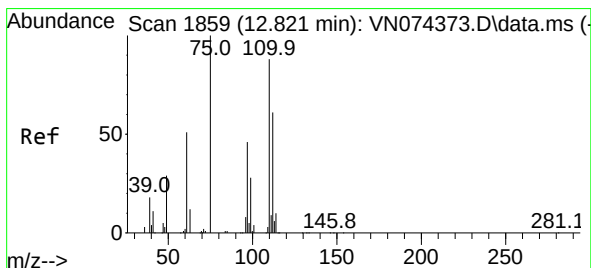
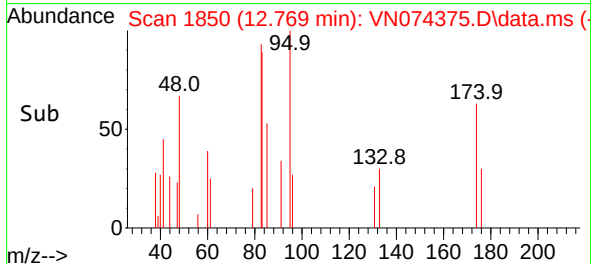
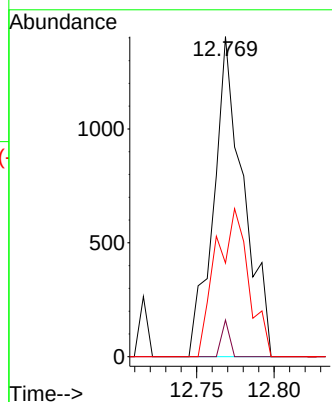
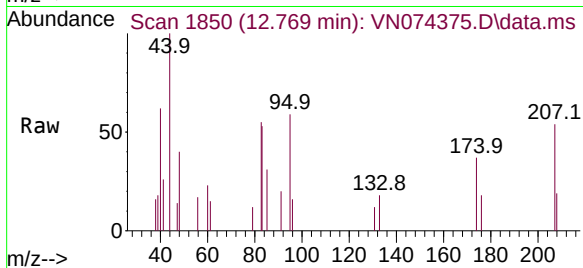




#75
1,1,2,2-Tetrachloroethane
Concen: 0.213 ug/l
RT: 12.769 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

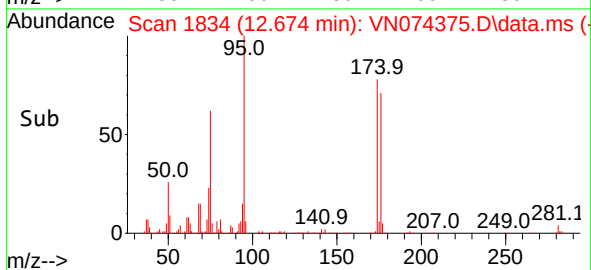
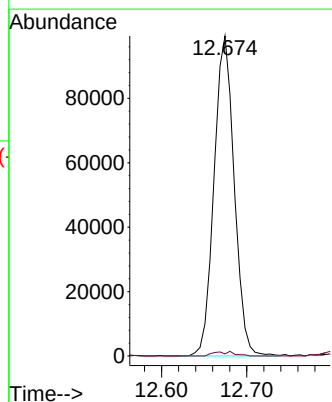
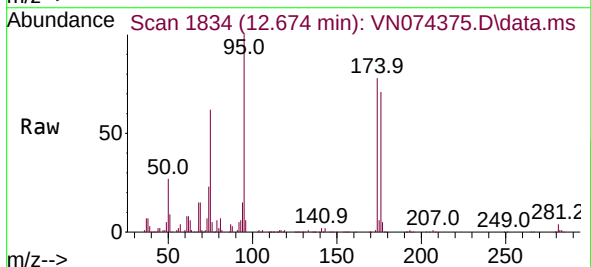
Instrument :
MSVOA_N
ClientSampleId :
IBLK

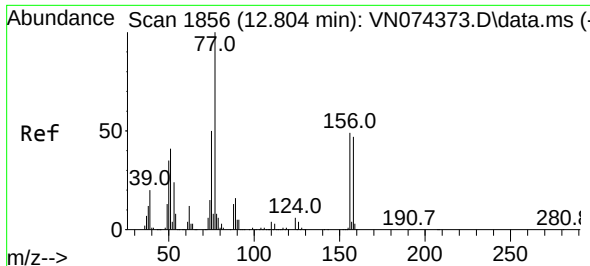
Tgt Ion: 83 Resp: 1882
Ion Ratio Lower Upper
83 100
131 3.0 4.5 13.7#
85 50.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 25.583 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 75 Resp: 163822
Ion Ratio Lower Upper
75 100
77 1.4 78.9 236.7#

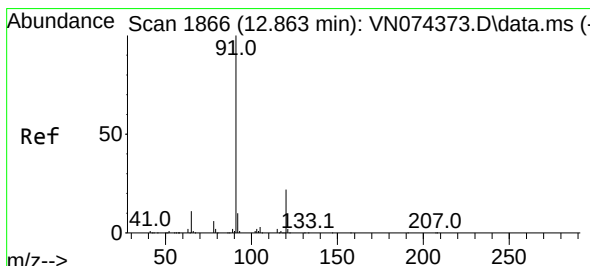
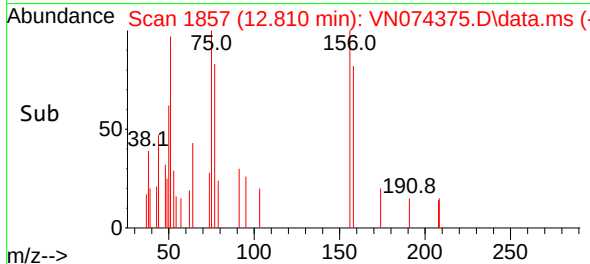
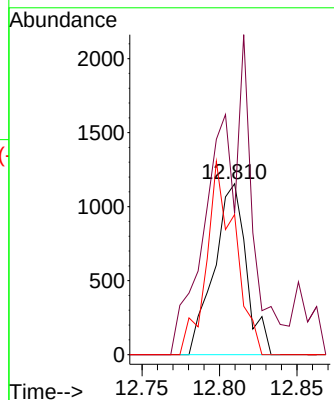
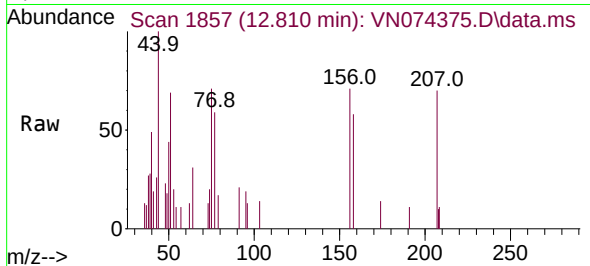




#77
Bromobenzene
Concen: 0.329 ug/l
RT: 12.810 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

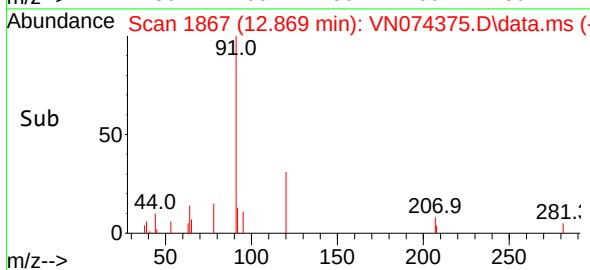
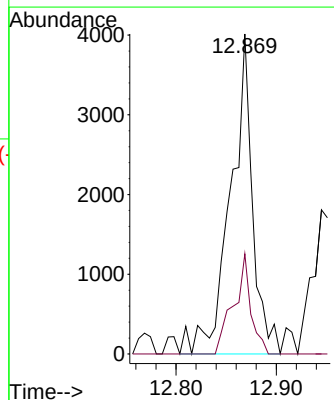
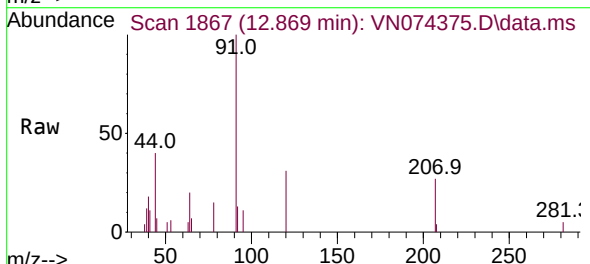
Instrument :
MSVOA_N
ClientSampleId :
IBLK

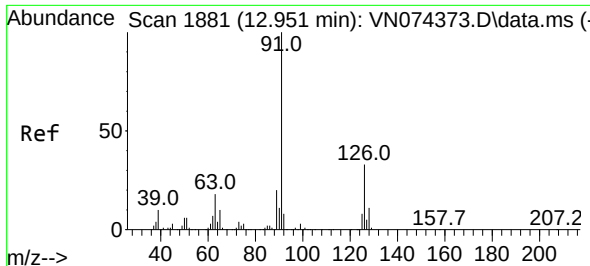
Tgt Ion	Ratio	Lower	Upper
156	100		
77	219.5	124.4	373.1
158	100.6	49.2	147.6



#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 12.869 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.1	33.1

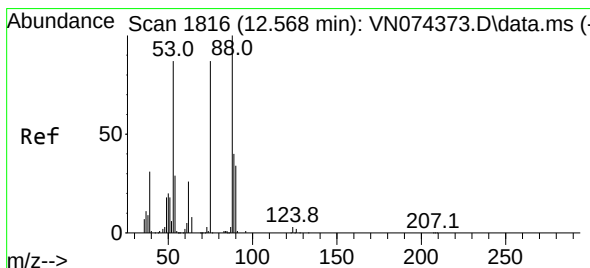
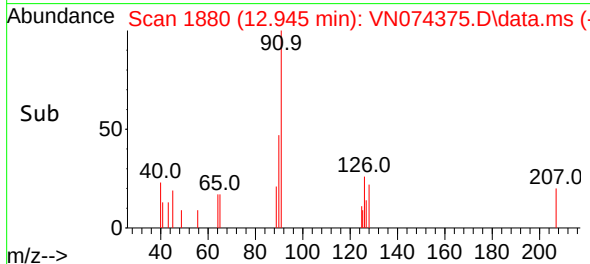
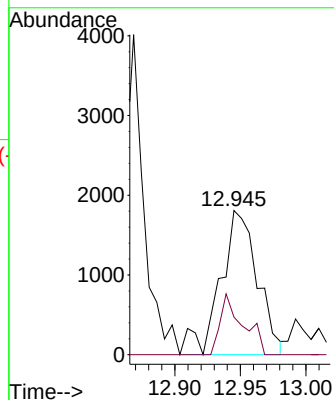
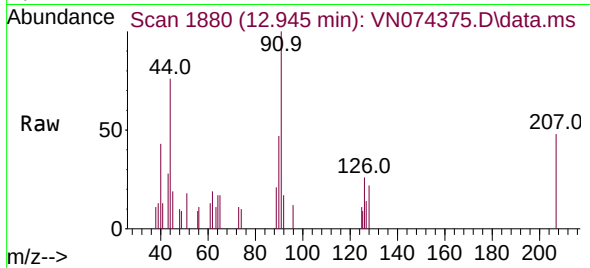




#79
2-Chlorotoluene
Concen: 0.218 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

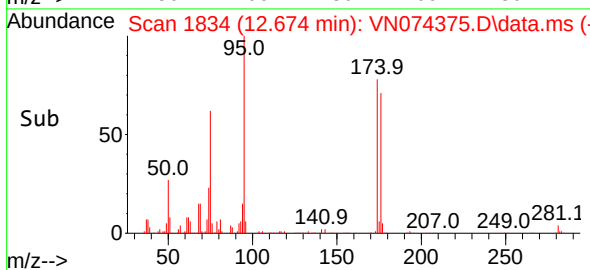
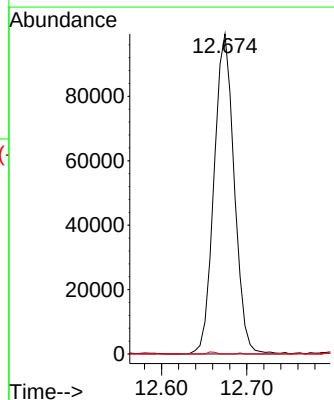
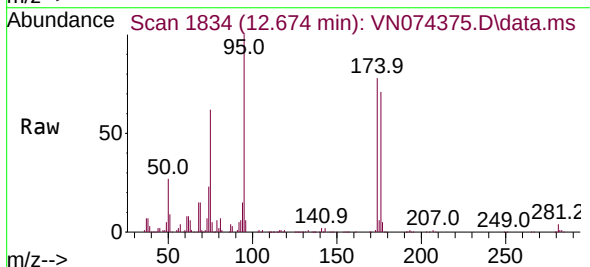
Instrument :
MSVOA_N
ClientSampleId :
IBLK

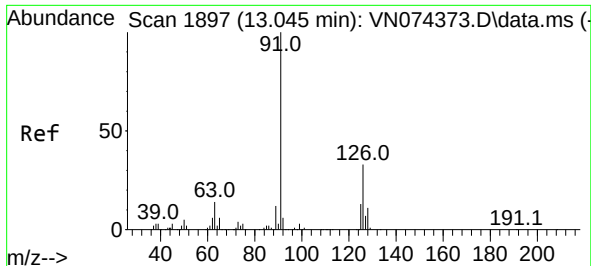
Tgt Ion: 91 Resp: 3584
Ion Ratio Lower Upper
91 100
126 25.7 16.2 48.5



#81
trans-1,4-Dichloro-2-butene
Concen: 57.023 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 75 Resp: 163822
Ion Ratio Lower Upper
75 100
53 0.1 82.2 123.2#
89 0.0 37.7 56.5#

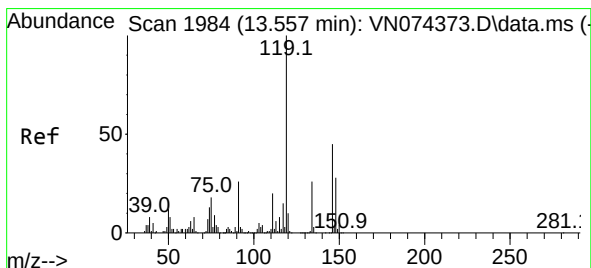
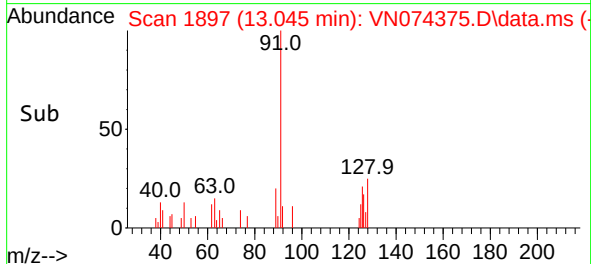
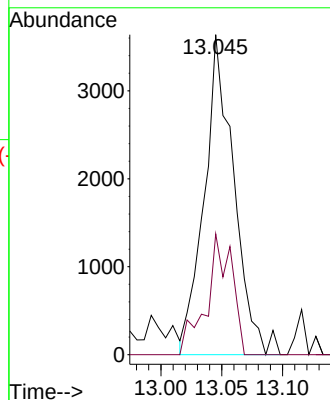
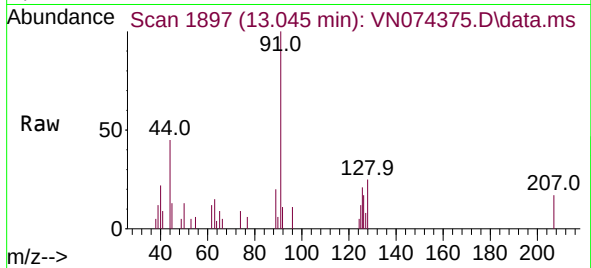




#82
4-Chlorotoluene
Concen: 0.388 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

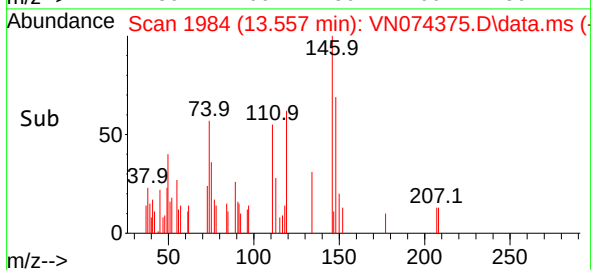
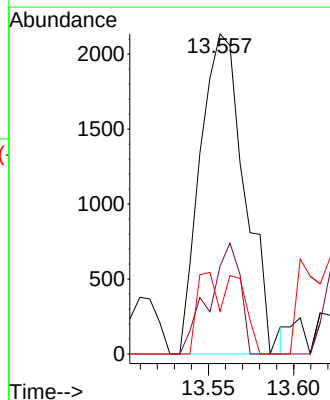
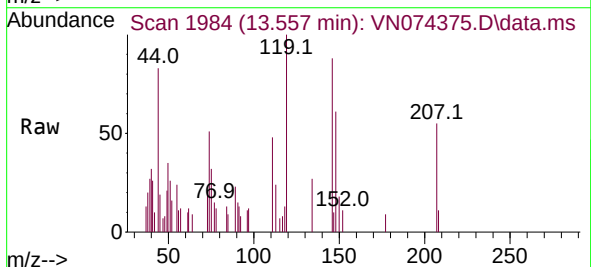
Instrument :
MSVOA_N
ClientSampleId :
IBLK

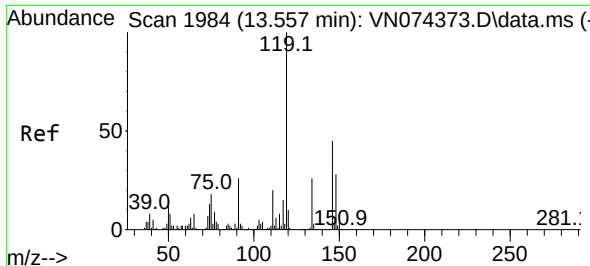
Tgt Ion: 91 Resp: 6160
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1



#86
p-Isopropyltoluene
Concen: 0.203 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 119 Resp: 3894
Ion Ratio Lower Upper
119 100
134 24.2 13.0 38.9
91 12.3 13.1 39.3#

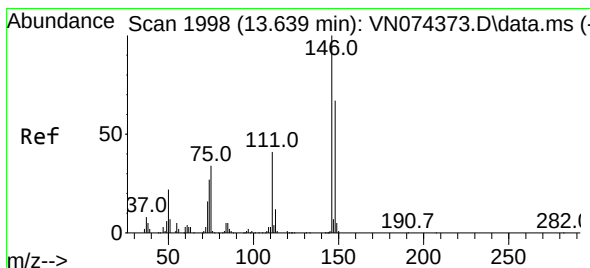
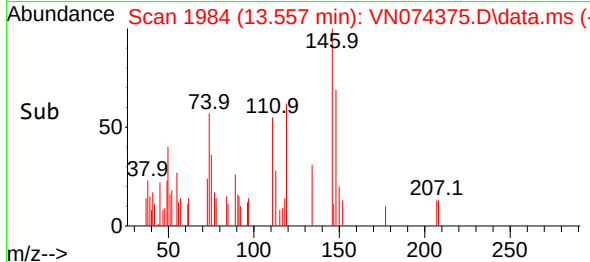
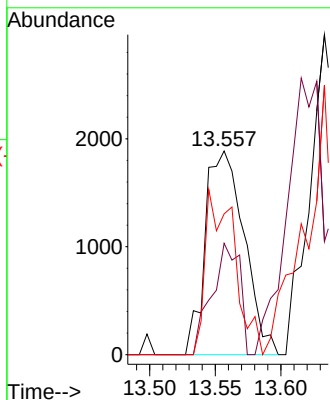
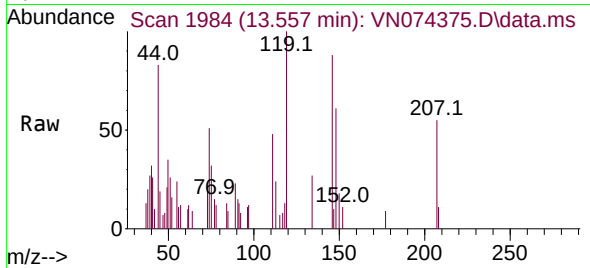




#87
1,3-Dichlorobenzene
Concen: 0.417 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

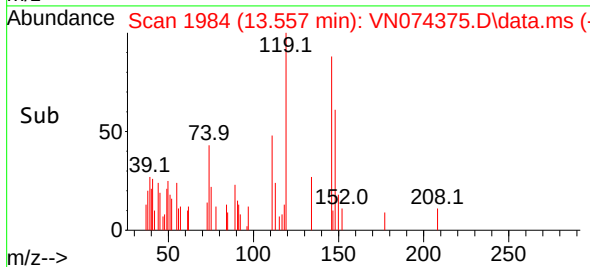
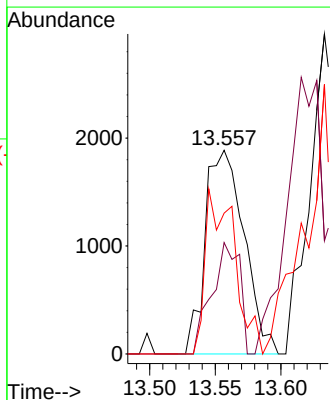
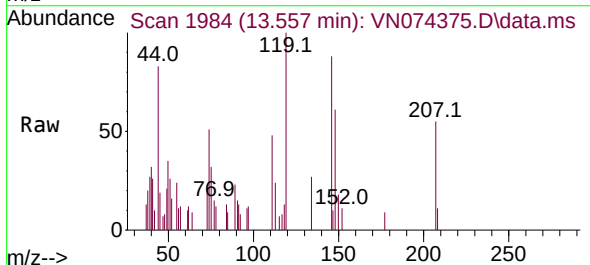
Instrument :
MSVOA_N
ClientSampleId :
IBLK

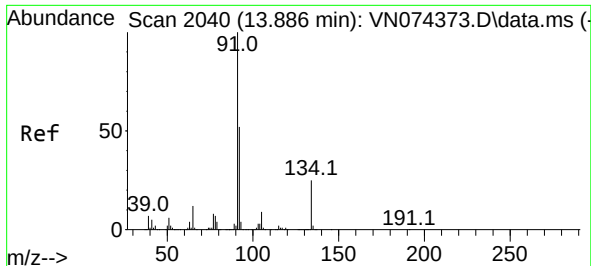
Tgt Ion:146 Resp: 3895
Ion Ratio Lower Upper
146 100
111 39.3 21.5 64.5
148 61.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.413 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.082 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion:146 Resp: 3895
Ion Ratio Lower Upper
146 100
111 39.3 20.8 62.2
148 61.0 32.1 96.5

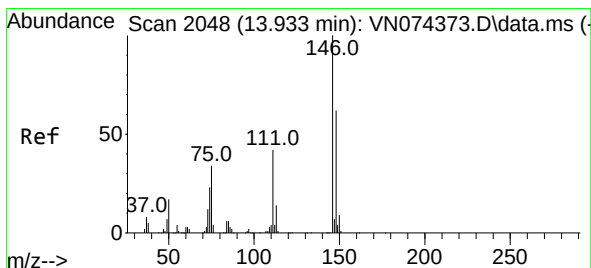
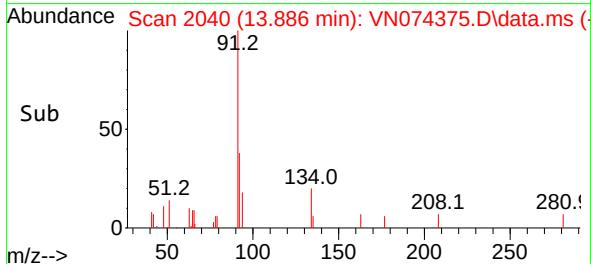
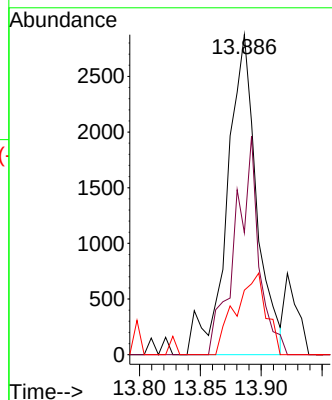
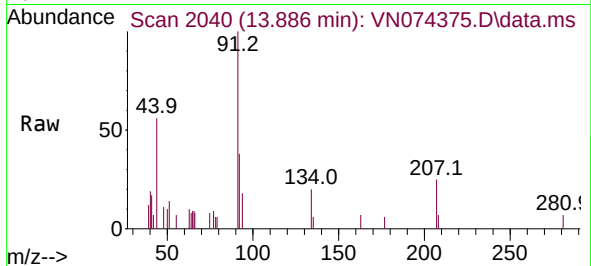




#89
n-Butylbenzene
Concen: 0.297 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

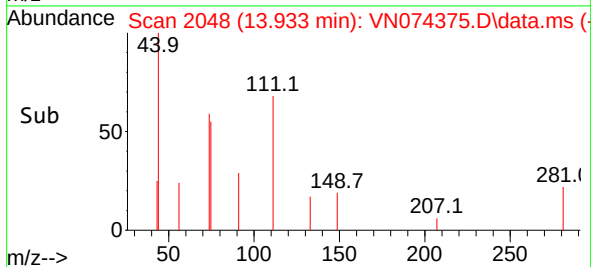
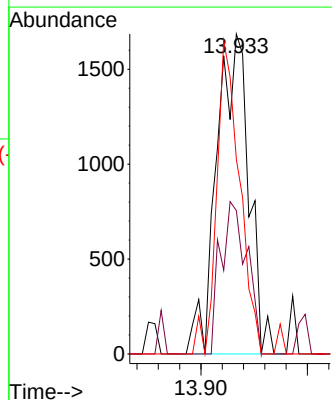
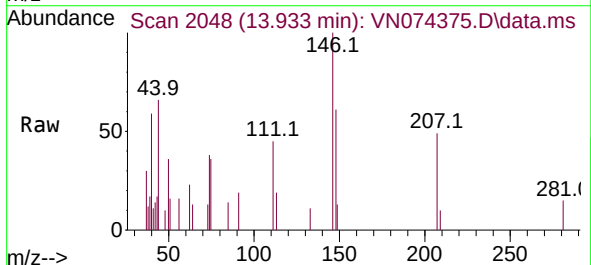
Instrument :
MSVOA_N
ClientSampleId :
IBLK

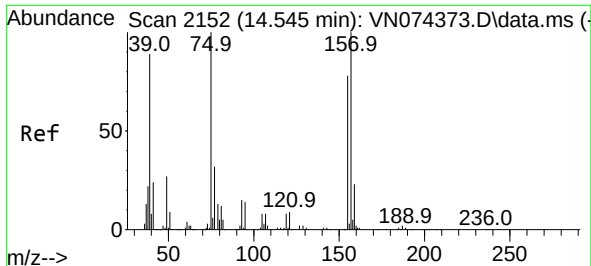
Tgt Ion:	91	Resp:	4833
Ion	Ratio	Lower	Upper
91	100		
92	55.1	25.8	77.4
134	26.5	12.4	37.0



#91
1,2-Dichlorobenzene
Concen: 0.361 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion:	146	Resp:	3551
Ion	Ratio	Lower	Upper
146	100		
111	38.9	21.9	65.7
148	69.1	31.4	94.2





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.545 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

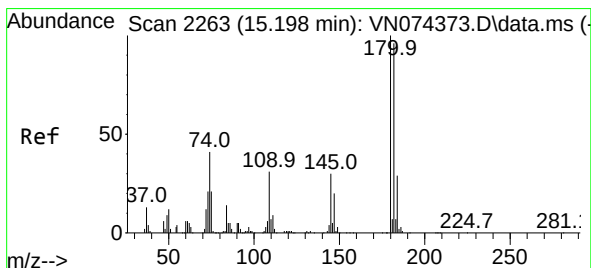
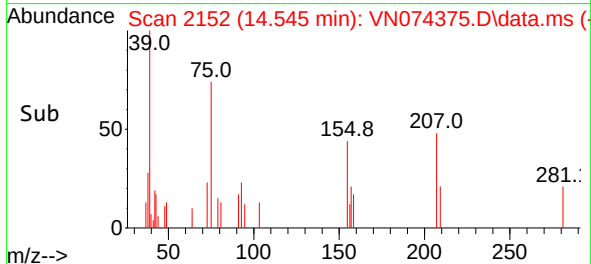
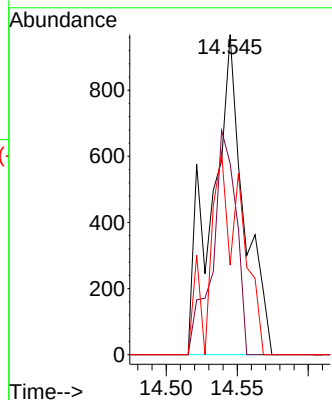
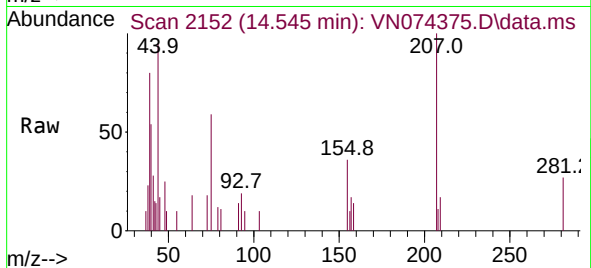
Tgt Ion: 75 Resp: 1518

Ion Ratio Lower Upper

75 100

155 51.7 36.6 109.9

157 62.3 46.2 138.5



#93

1,2,4-Trichlorobenzene

Concen: 1.442 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

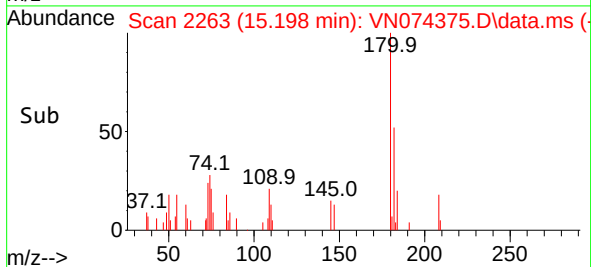
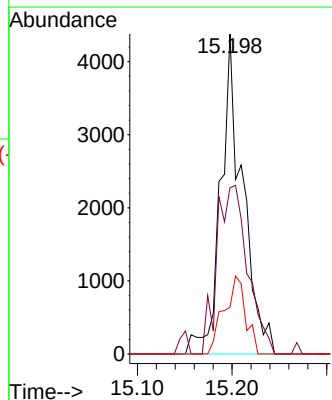
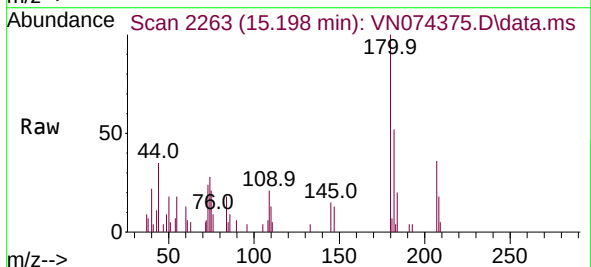
Tgt Ion:180 Resp: 7057

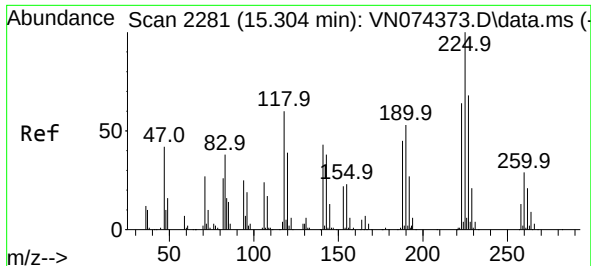
Ion Ratio Lower Upper

180 100

182 73.6 47.4 142.2

145 23.7 16.1 48.2

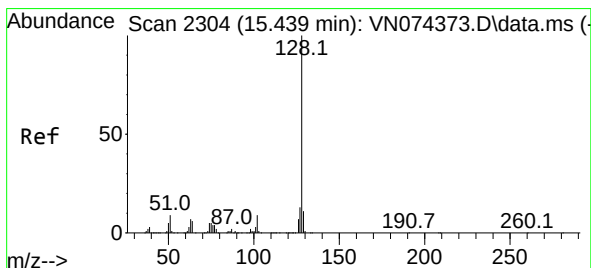
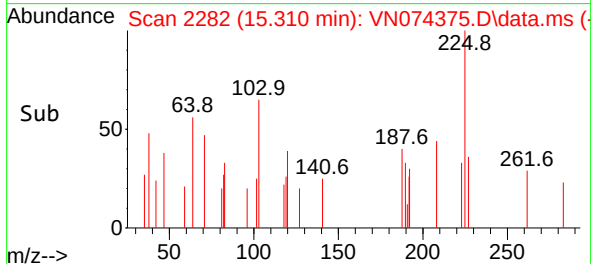
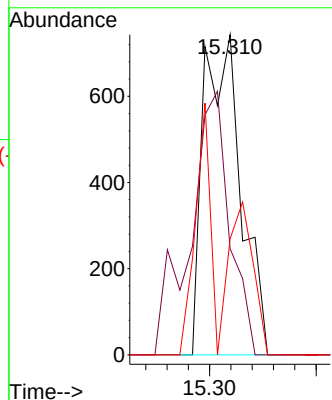
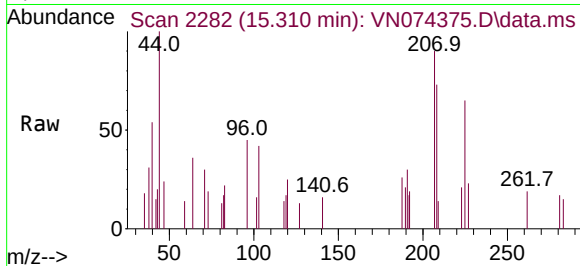




#94
Hexachlorobutadiene
Concen: 0.409 ug/l
RT: 15.310 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

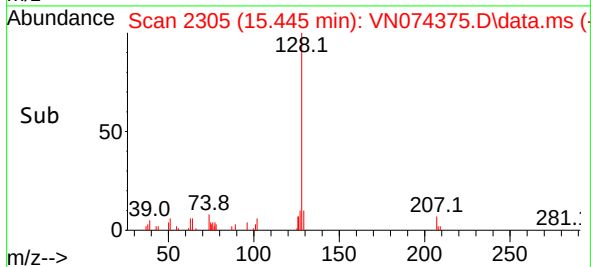
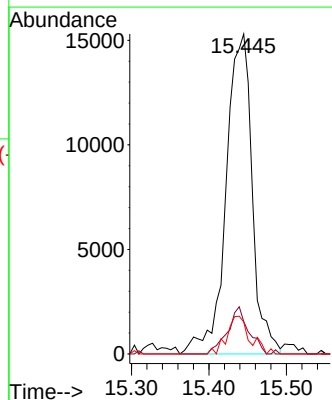
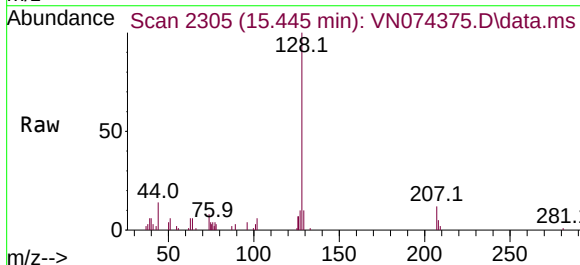
Instrument :
MSVOA_N
ClientSampleId :
IBLK

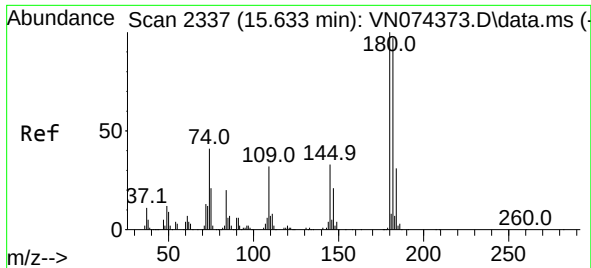
Tgt Ion:	225	Resp:	908
Ion Ratio	Lower	Upper	
225	100		
223	87.0	31.6	94.8
227	31.4	31.8	95.4#



#95
Naphthalene
Concen: 1.877 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

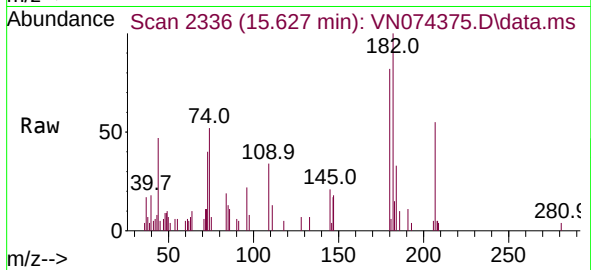
Tgt Ion:	128	Resp:	35939
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.6	16.0
129	10.3	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.288 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074375.D
 Acq: 09 Sep 2022 13:13

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	6525
Ion	Ratio	Lower	Upper
180	100		
182	110.3	47.6	142.8
145	38.0	17.3	52.0

