

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073145.D
 Acq On : 26 Jun 2022 07:22
 Operator : JC\MD
 Sample : N3426-05 40X
 Misc : 6.89g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B2202-35

Quant Time: Jun 27 03:59:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

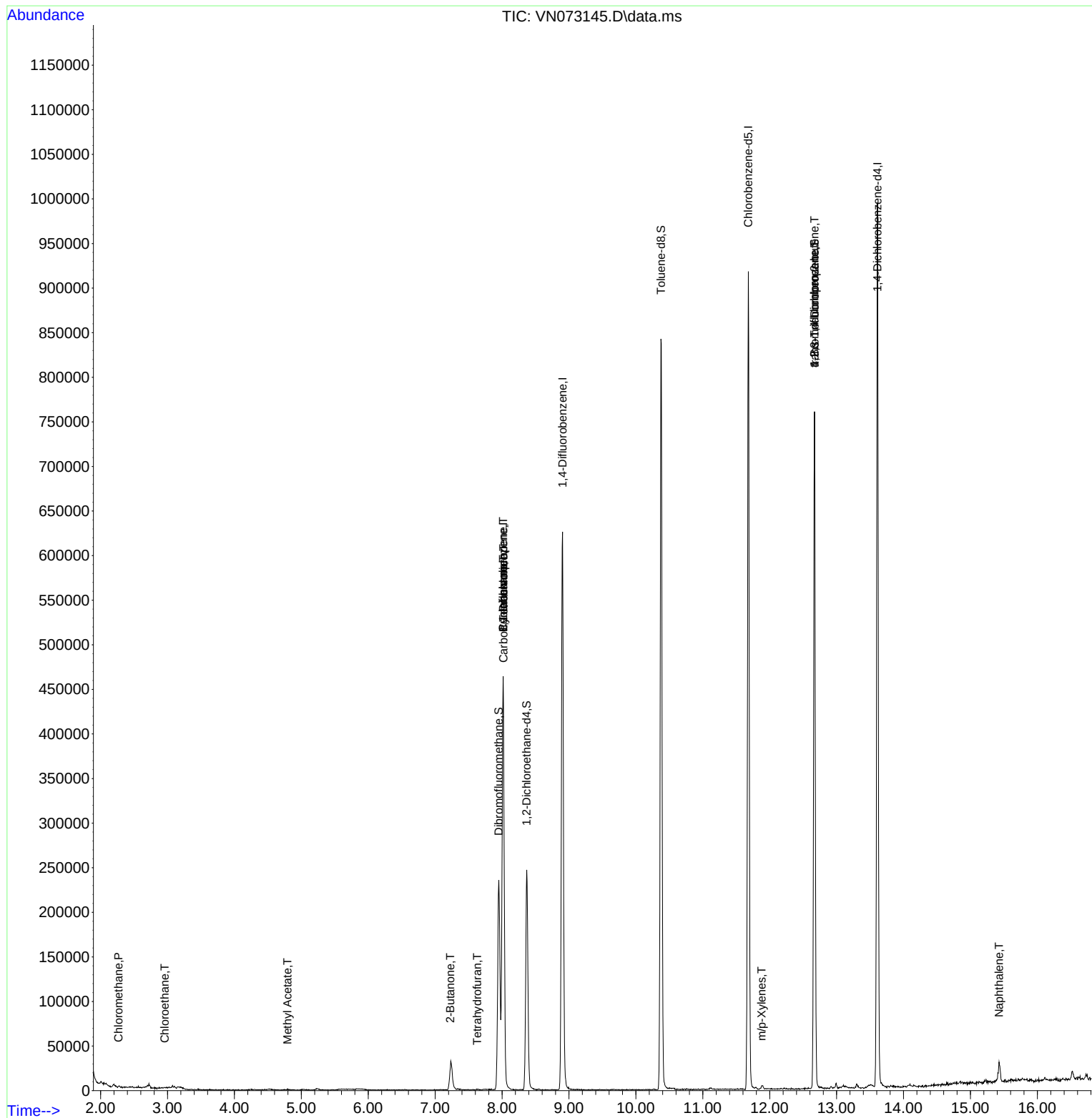
Internal Standards						
1) Pentafluorobenzene	8.016	168	350130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	564319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	525466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	262689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204744	43.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.500%		
35) Dibromofluoromethane	7.951	113	176927	50.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.440%		
50) Toluene-d8	10.374	98	592129	45.622	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.240%		
62) 4-Bromofluorobenzene	12.668	95	268867	57.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.220%		
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	475	0.700	ug/l #	43
6) Chloroethane	2.957	64	438	0.234	ug/l #	42
18) Methyl Acetate	4.793	43	1392	0.201	ug/l #	58
20) Methylene Chloride	5.016	84	62	Below Cal	#	73
25) 2-Butanone	7.228	43	1819	0.441	ug/l #	45
26) 2,2-Dichloropropane	7.245	77	2456	Below Cal	#	53
29) Tetrahydrofuran	7.628	42	834	0.306	ug/l #	36
31) Cyclohexane	8.016	56	7594	1.186	ug/l #	5
36) 1,1-Dichloropropene	8.016	75	28429	6.023	ug/l #	47
38) Carbon Tetrachloride	8.022	117	35687	7.189	ug/l #	15
68) m/p-Xylenes	11.880	106	1529	0.216	ug/l	93
76) 1,2,3-Trichloropropane	12.668	75	138818	21.796	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	138818	58.864	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.604	75	57	Below Cal	#	1
95) Naphthalene	15.427	128	21984	1.083	ug/l	99

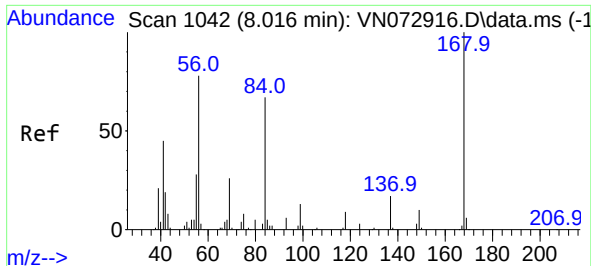
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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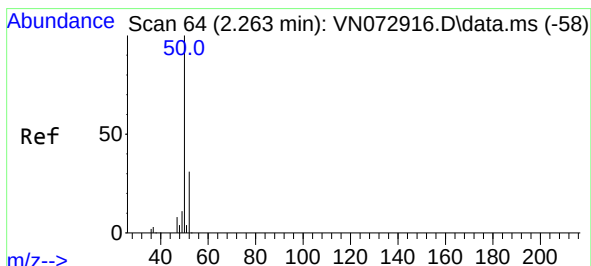
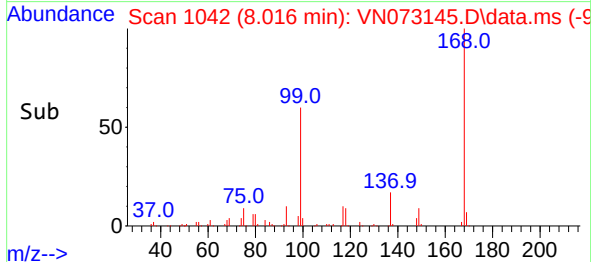
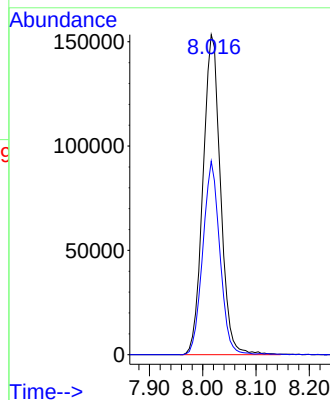
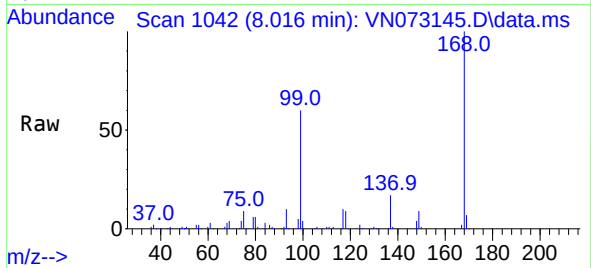




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

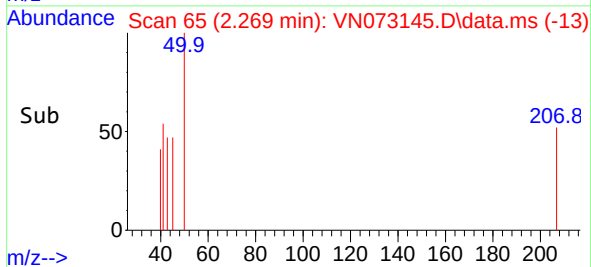
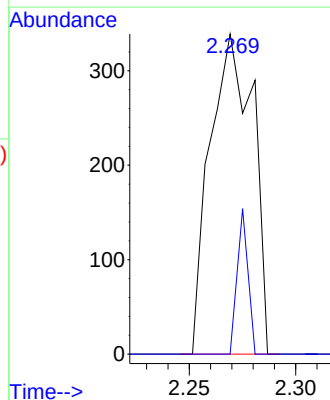
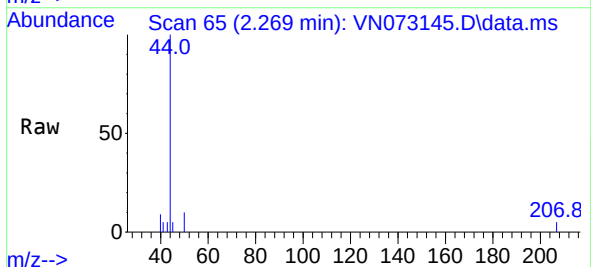
Instrument :
MSVOA_N
ClientSampleId :
B2202-35

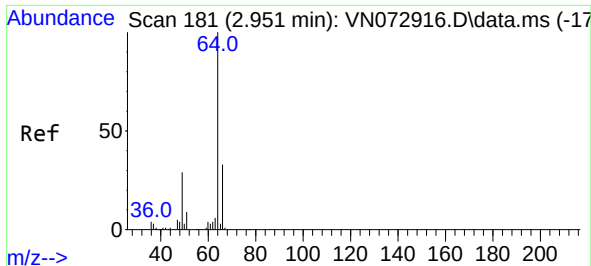
Tgt Ion:168 Resp: 350130
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#3
Chloromethane
Concen: 0.700 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

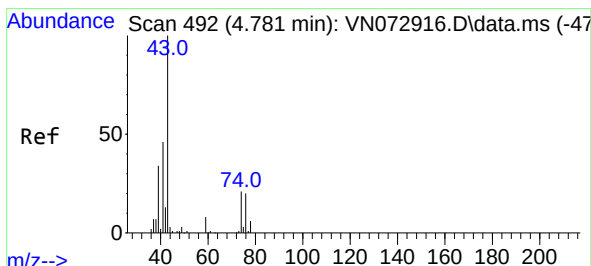
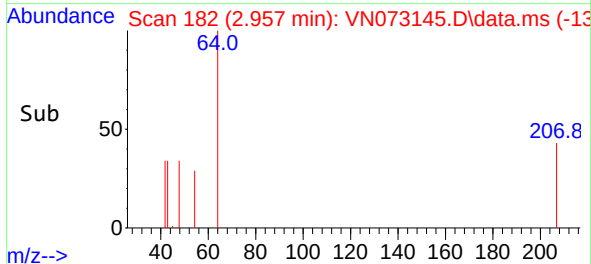
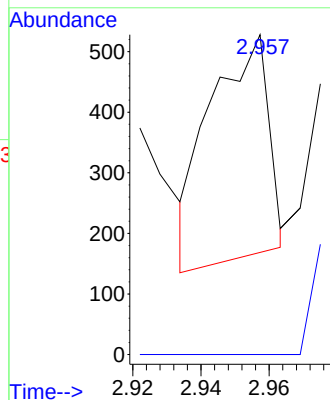
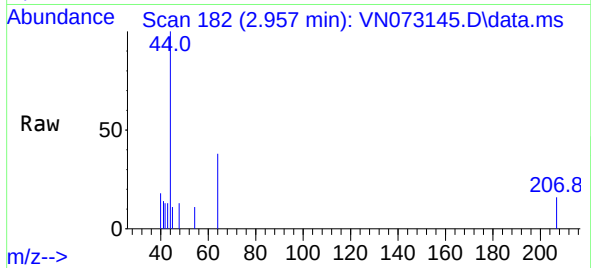




#6
Chloroethane
Concen: 0.234 ug/l
RT: 2.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

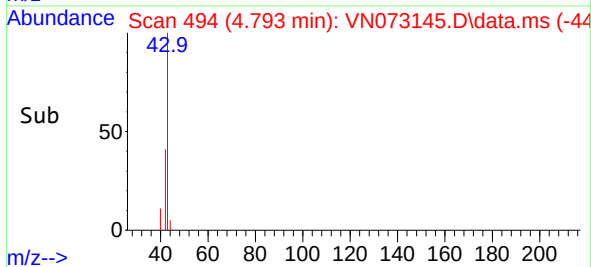
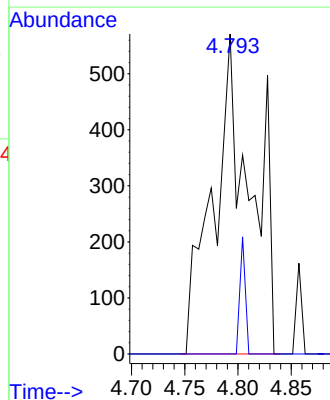
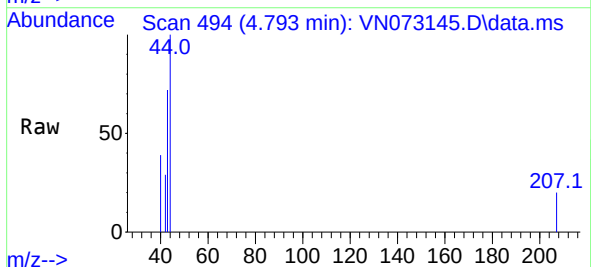
Instrument :
MSVOA_N
ClientSampleId :
B2202-35

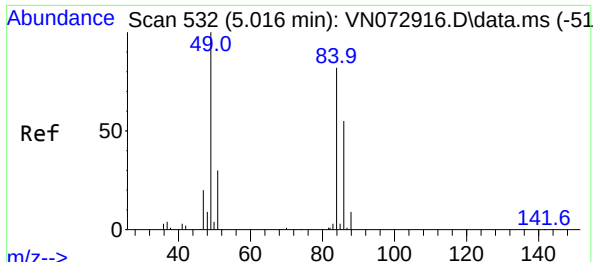
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

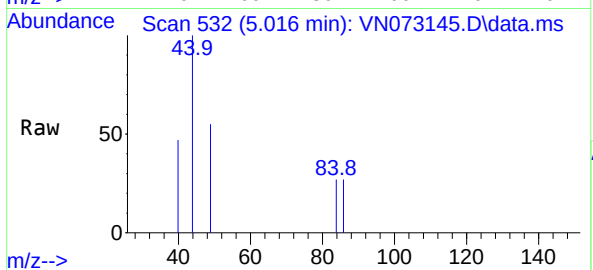
Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
74 5.3 21.6 32.4#





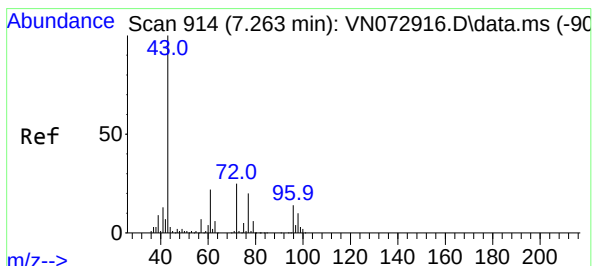
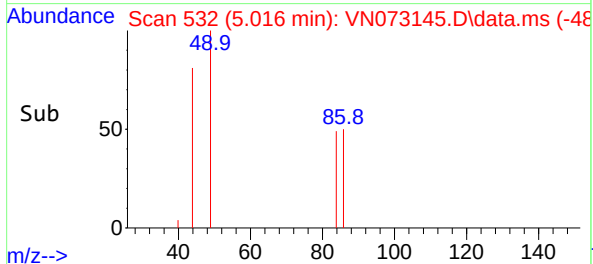
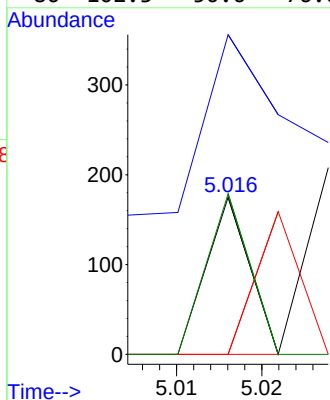
#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Instrument :
MSVOA_N
ClientSampleId :
B2202-35



Tgt Ion: 84 Resp: 62

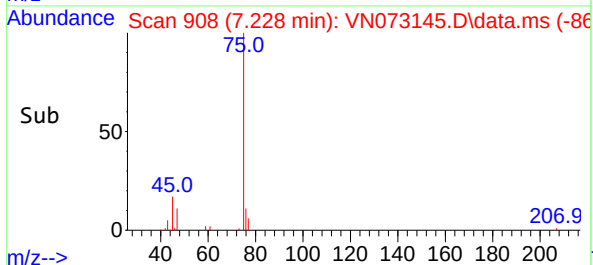
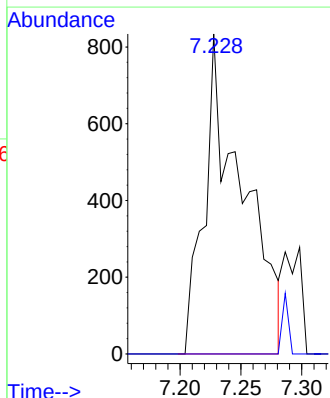
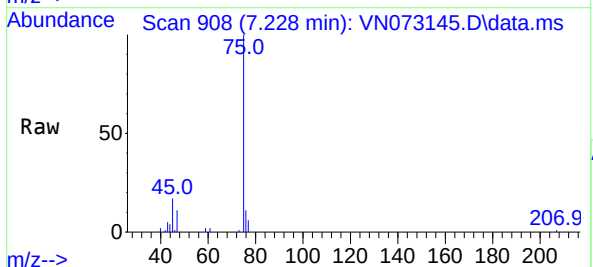
Ion	Ratio	Lower	Upper
84	100		
49	113.1	88.3	132.5
51	0.0	28.2	42.2#
86	102.3	50.6	76.0#

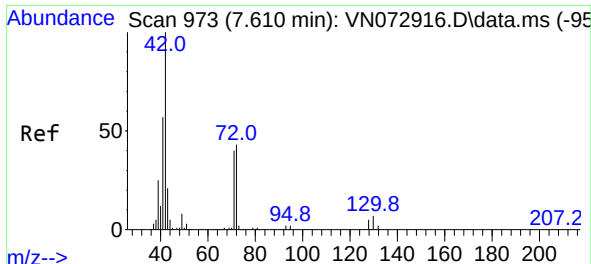


#25
2-Butanone
Concen: 0.441 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.035 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Tgt Ion: 43 Resp: 1819

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.306 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073145.D

Acq: 26 Jun 2022 07:22

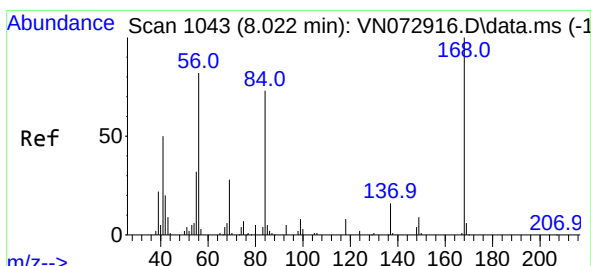
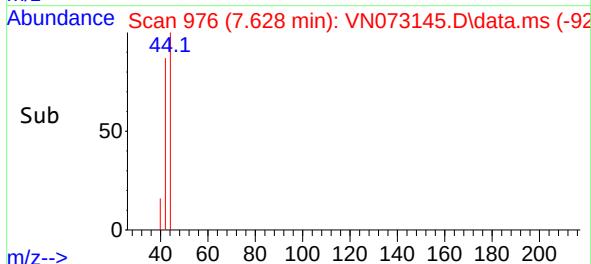
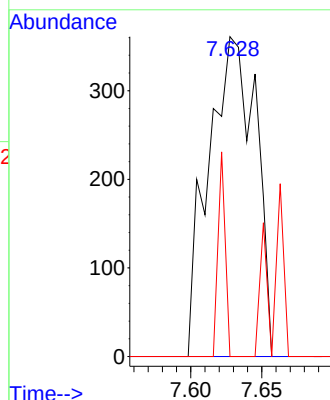
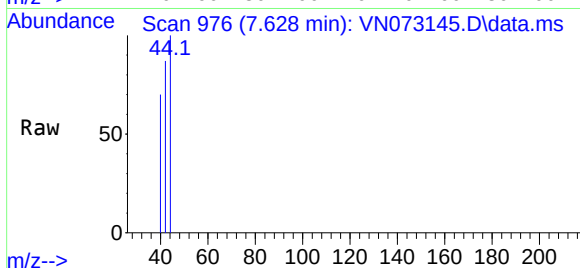
Instrument :

MSVOA_N

ClientSampleId :

B2202-35

Tgt Ion:	42	Resp:	834
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	9.7	36.6	55.0#



#31

Cyclohexane

Concen: 1.186 ug/l

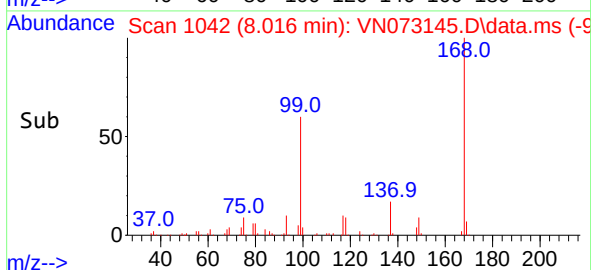
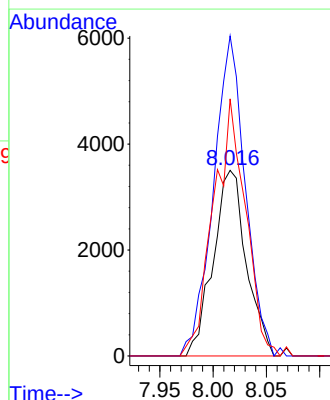
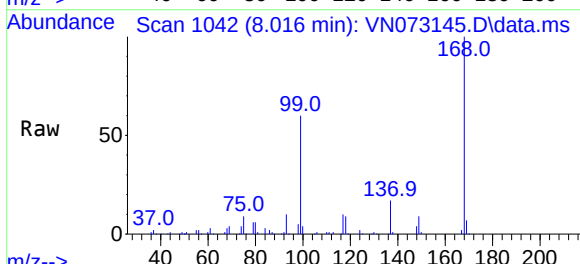
RT: 8.016 min Scan# 1042

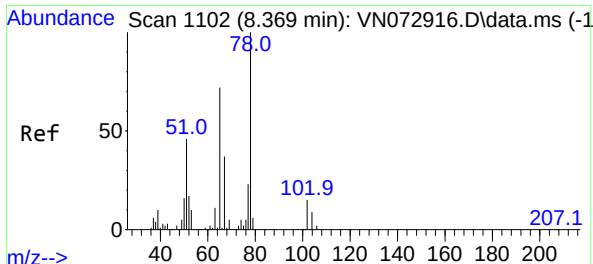
Delta R.T. -0.006 min

Lab File: VN073145.D

Acq: 26 Jun 2022 07:22

Tgt Ion:	56	Resp:	7594
Ion	Ratio	Lower	Upper
56	100		
69	172.3	27.8	41.8#
84	138.5	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.253 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073145.D

Acq: 26 Jun 2022 07:22

Instrument :

MSVOA_N

ClientSampleId :

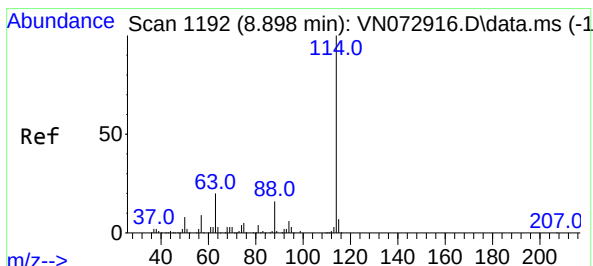
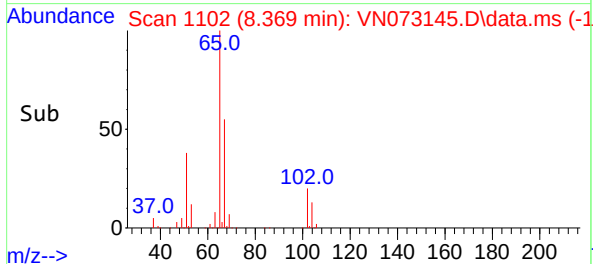
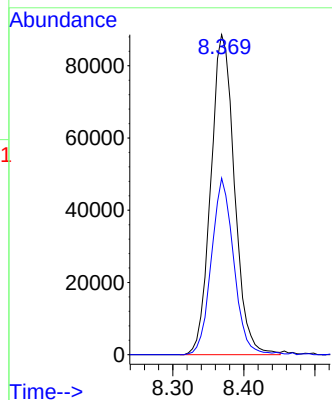
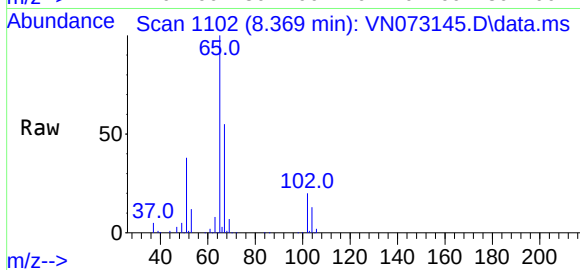
B2202-35

Tgt Ion: 65 Resp: 204744

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073145.D

Acq: 26 Jun 2022 07:22

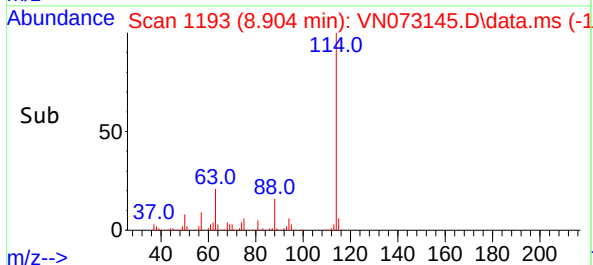
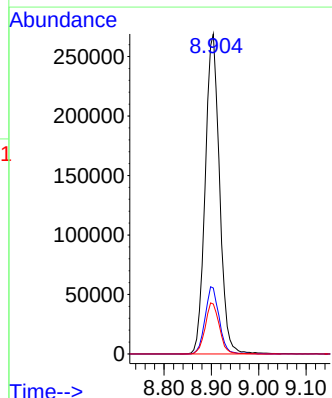
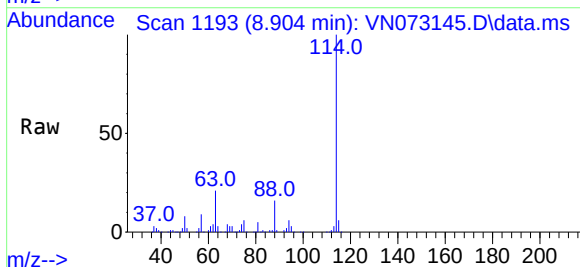
Tgt Ion: 114 Resp: 564319

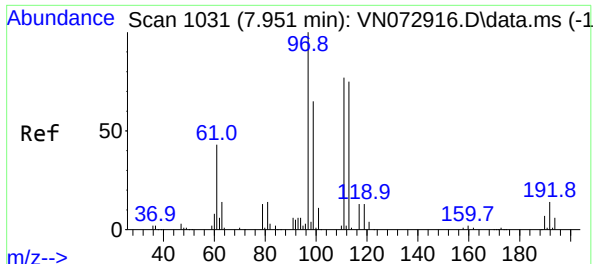
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

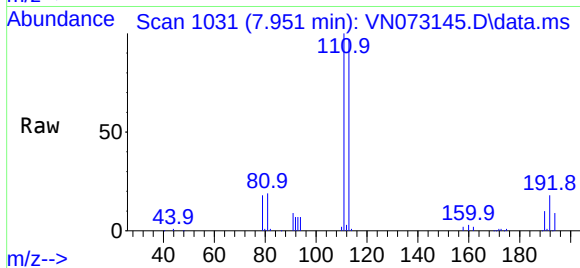
88 15.6 0.0 32.6



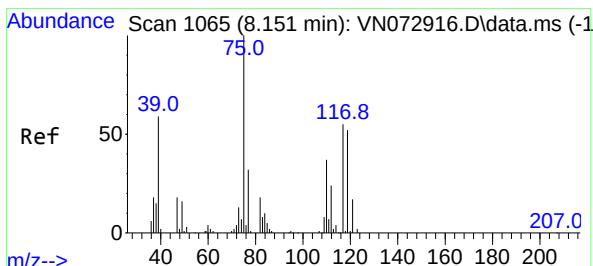
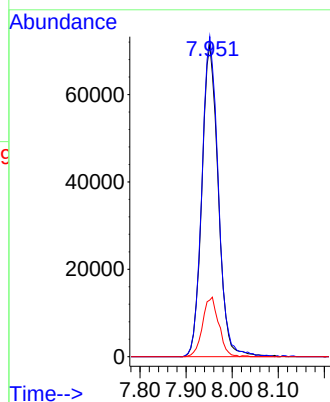
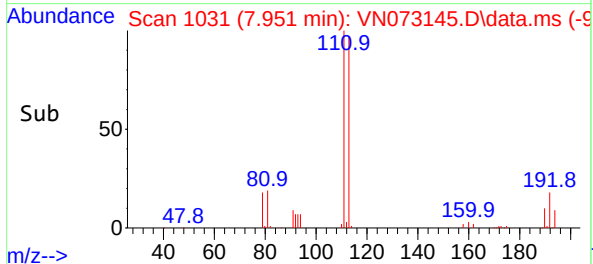


#35
Dibromofluoromethane
Concen: 50.724 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

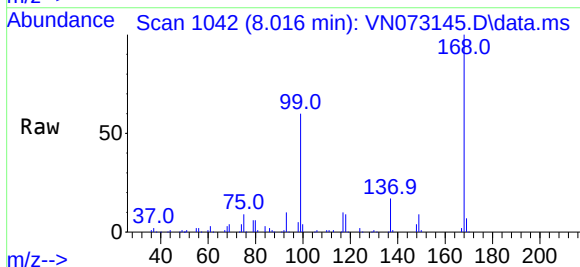
Instrument :
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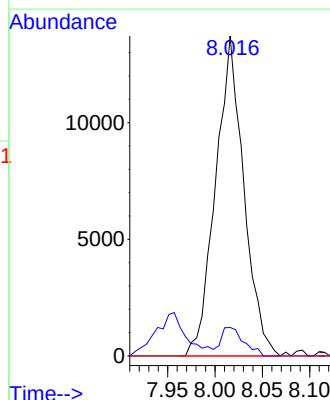
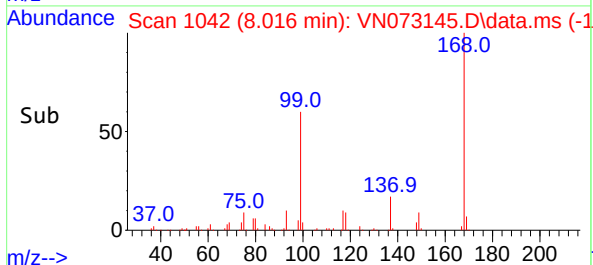
Tgt Ion:113 Resp: 176927
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.8 17.0 25.6

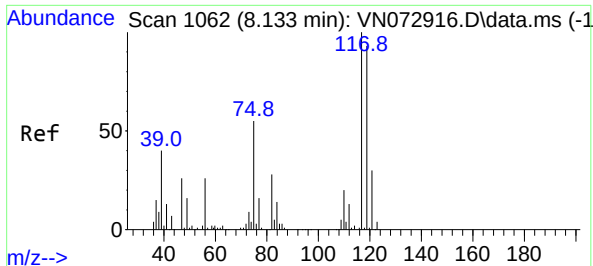


#36
1,1-Dichloropropene
Concen: 6.023 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22



Tgt Ion: 75 Resp: 28429
Ion Ratio Lower Upper
75 100
110 7.2 18.3 54.8#
77 0.0 25.1 37.7#

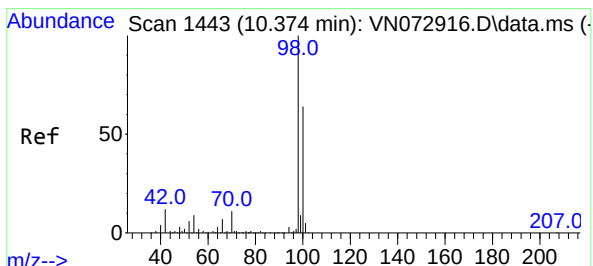
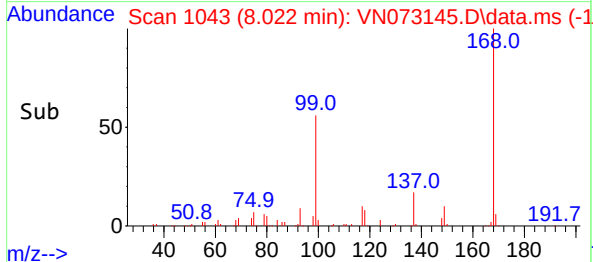
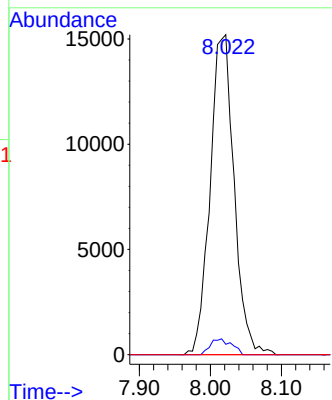
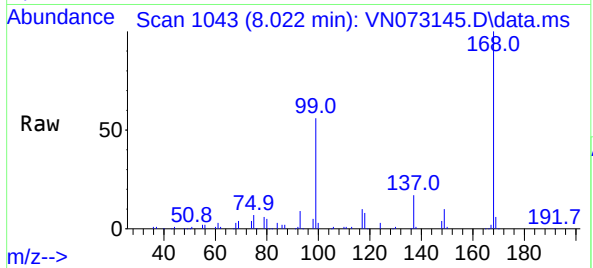




#38
Carbon Tetrachloride
Concen: 7.189 ug/l
RT: 8.022 min Scan# 1062
Delta R.T. -0.112 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

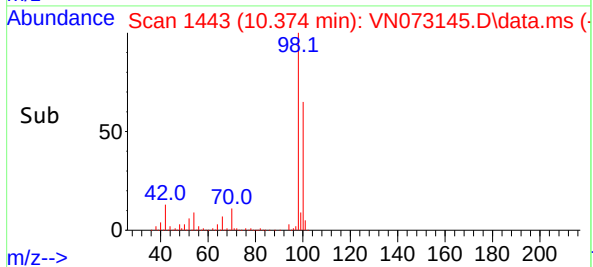
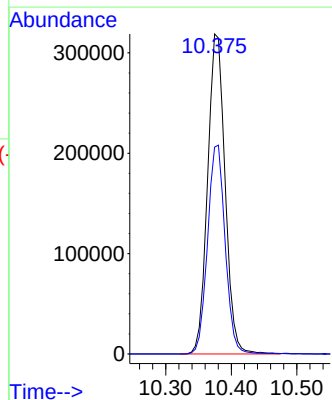
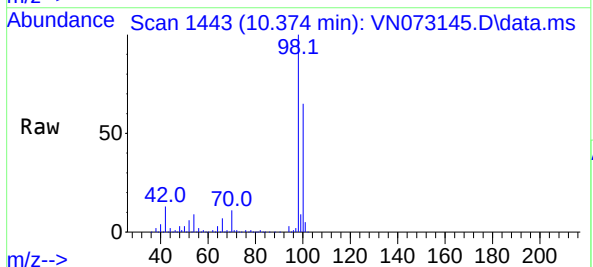
Instrument :
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B2202-35

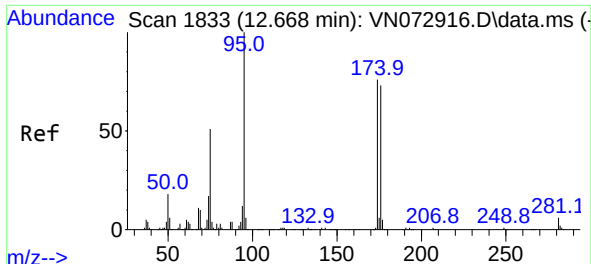
Tgt Ion:117 Resp: 35687
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.622 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Tgt Ion: 98 Resp: 592129
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

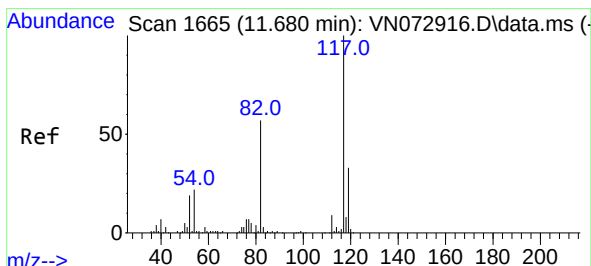
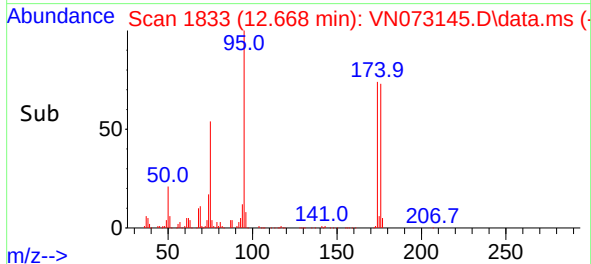
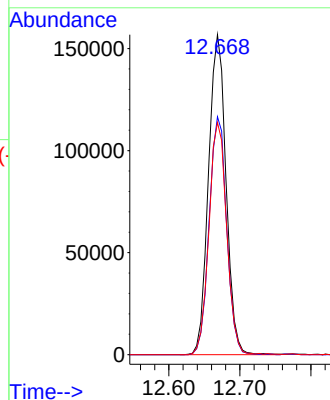
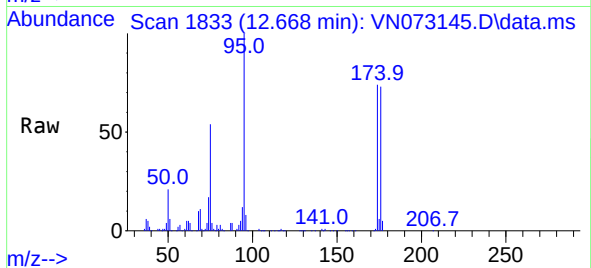




#62
4-Bromofluorobenzene
Concen: 57.610 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

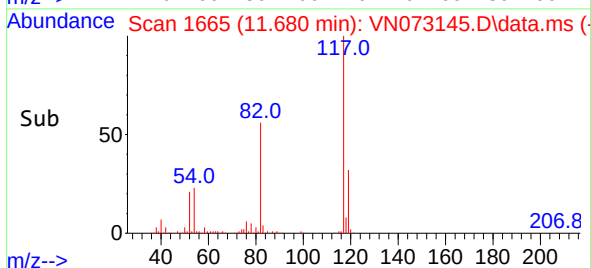
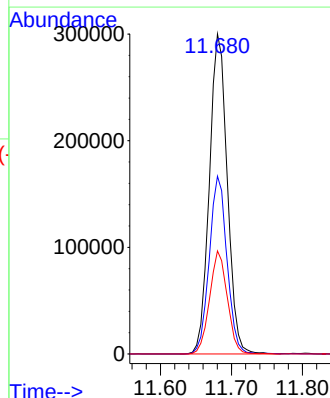
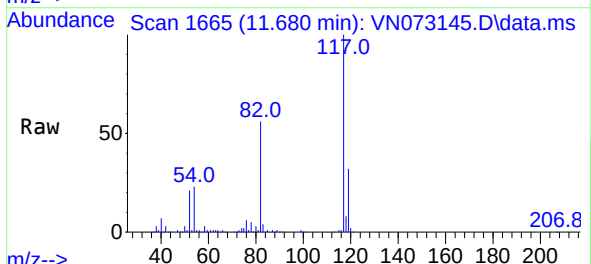
Instrument :
MSVOA_N
ClientSampleId :
B2202-35

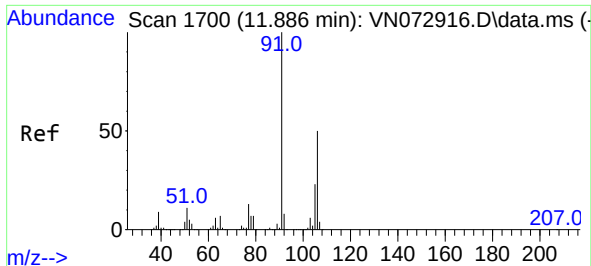
Tgt Ion: 95 Resp: 268867
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 73.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Tgt Ion: 117 Resp: 525466
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.2 25.4 38.0

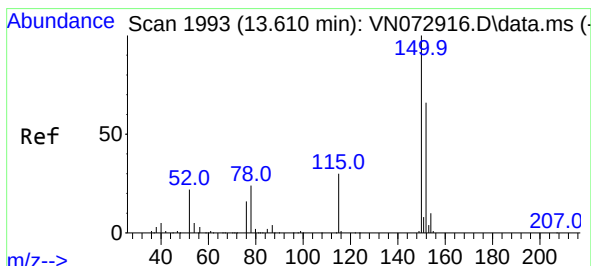
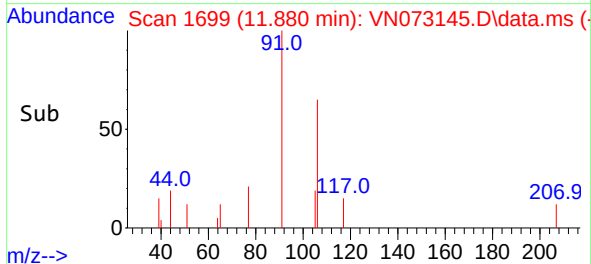
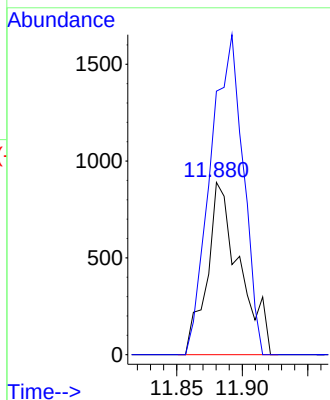
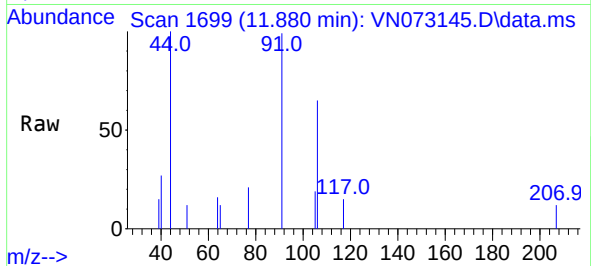




#68
m/p-Xylenes
Concen: 0.216 ug/l
RT: 11.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

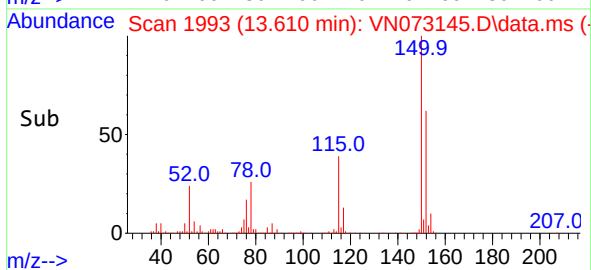
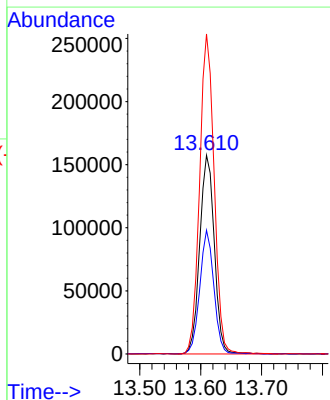
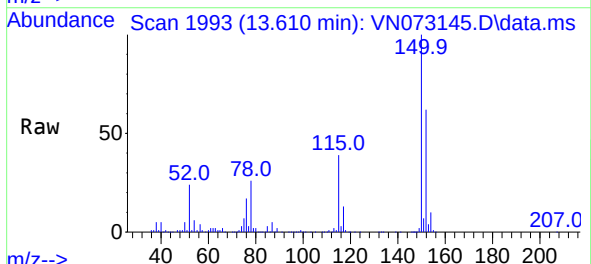
Instrument :
MSVOA_N
ClientSampleId :
B2202-35

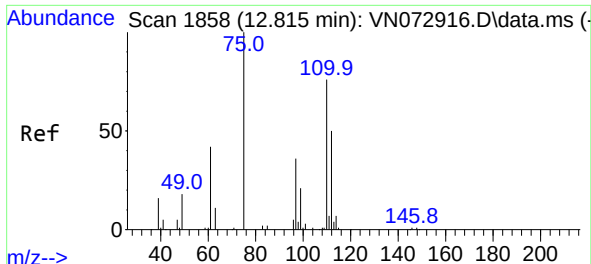
Tgt Ion:106 Resp: 1529
Ion Ratio Lower Upper
106 100
91 187.7 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Tgt Ion:152 Resp: 262689
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 159.9 0.0 356.2

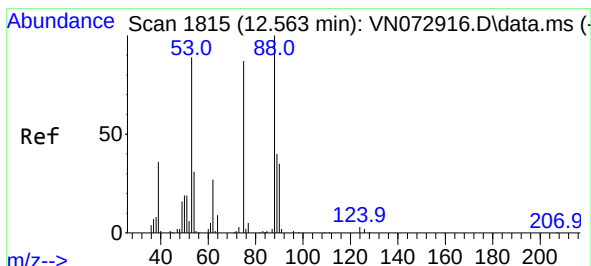
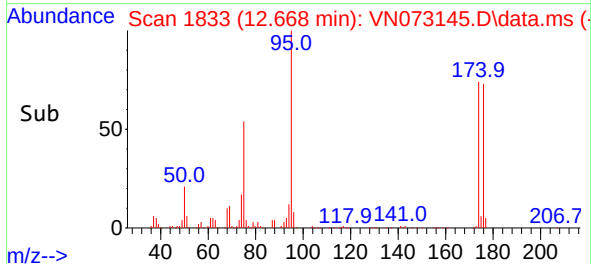
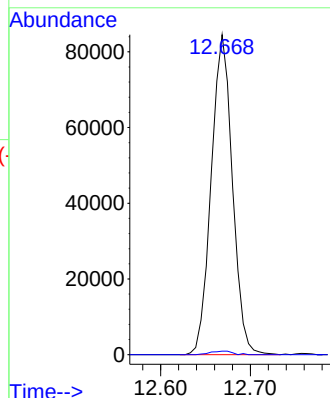
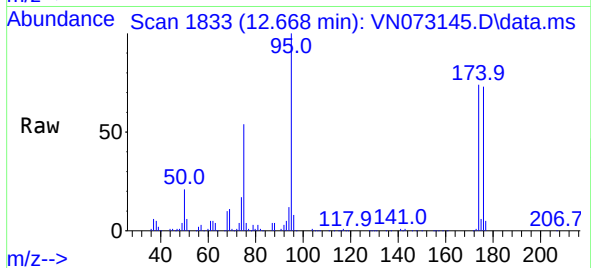




#76
1,2,3-Trichloropropane
Concen: 21.796 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

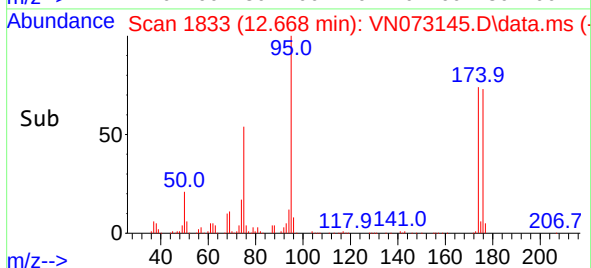
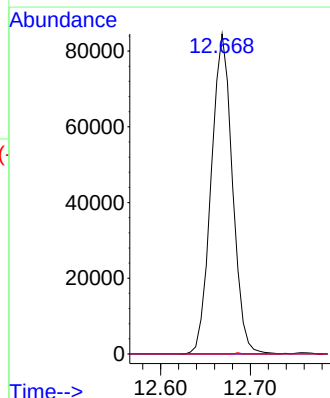
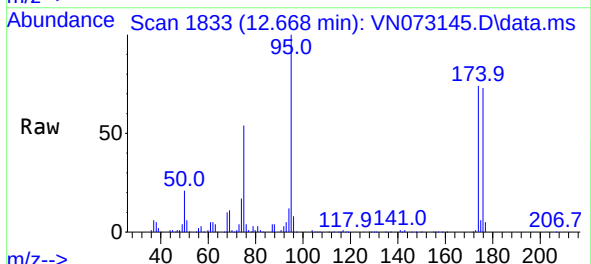
Instrument :
MSVOA_N
ClientSampleId :
B2202-35

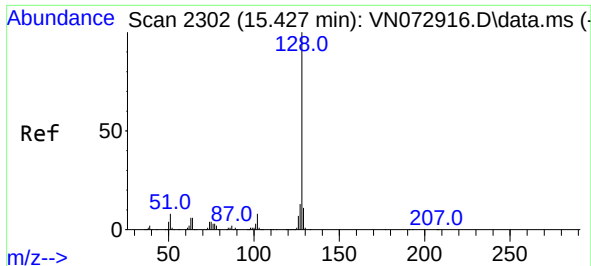
Tgt Ion: 75 Resp: 138818
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.864 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Tgt Ion: 75 Resp: 138818
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#95
Naphthalene
Concen: 1.083 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073145.D
Acq: 26 Jun 2022 07:22

Instrument :
MSVOA_N
ClientSampleId :
B2202-35

Tgt Ion:	128	Resp:	21984
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.8	8.6	13.0

