

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074483.D
 Acq On : 16 Sep 2022 00:51
 Operator : JC\MD
 Sample : N4511-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S1-TB-20220902

Quant Time: Sep 16 01:48:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	395406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	774041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	767028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	327154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305794	45.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.160%
35) Dibromofluoromethane	7.951	113	254098	49.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	10.380	98	932016	46.870	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.740%
62) 4-Bromofluorobenzene	12.674	95	368468	54.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.200%

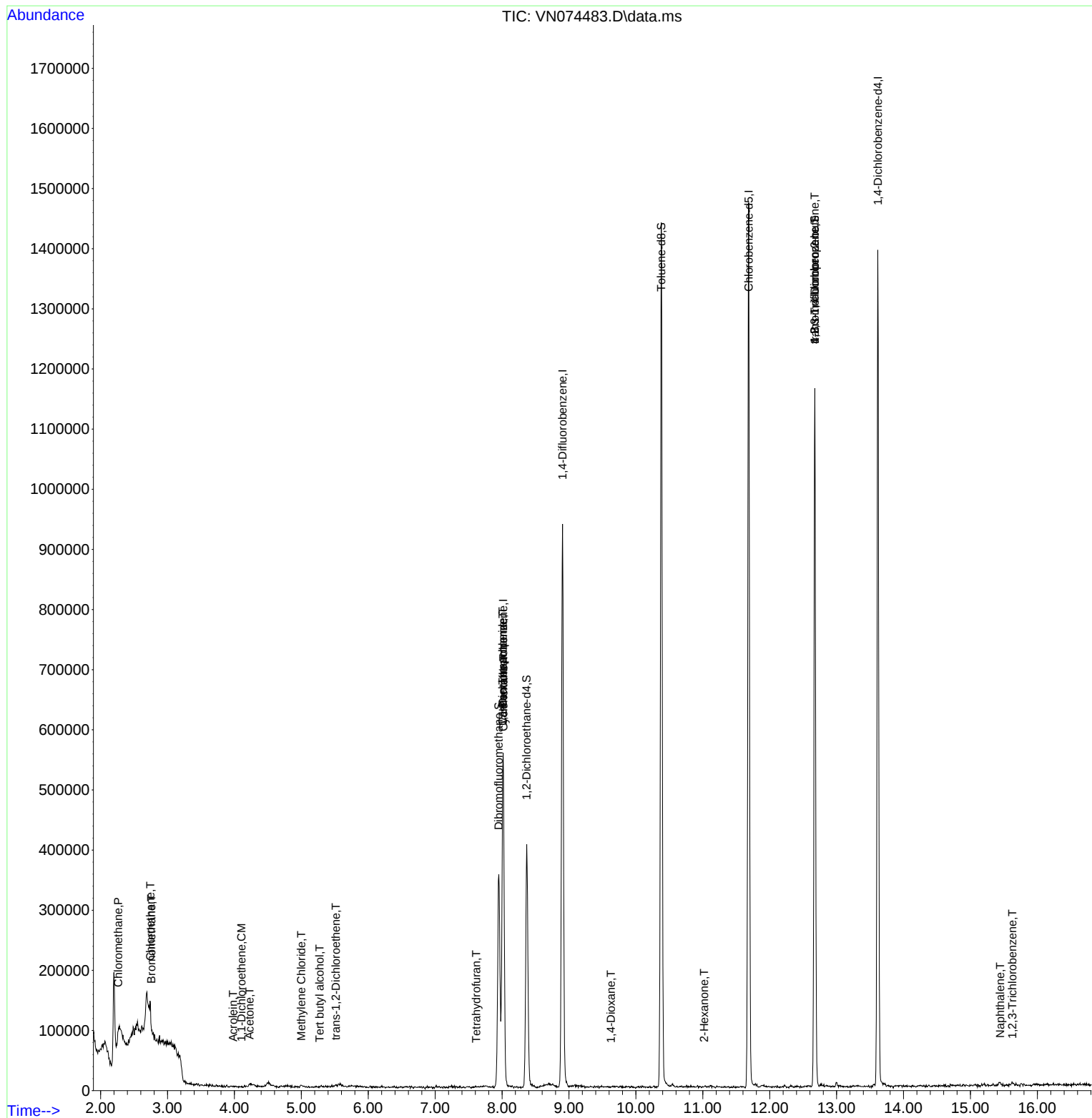
Target Compounds			Qvalue			
3) Chloromethane	2.263	50	3965	0.803	ug/l #	71
5) Bromomethane	2.757	94	851	0.208	ug/l #	33
6) Chloroethane	2.746	64	7620	1.440	ug/l #	67
11) Tert butyl alcohol	5.275	59	812	0.372	ug/l #	85
12) 1,1-Dichloroethene	4.104	96	188	0.720	ug/l #	1
13) Acrolein	3.981	56	500	0.626	ug/l #	1
16) Acetone	4.228	43	6185	1.441	ug/l	97
20) Methylene Chloride	4.998	84	1348	0.236	ug/l #	78
21) trans-1,2-Dichloroethene	5.516	96	521	0.519	ug/l #	1
29) Tetrahydrofuran	7.616	42	1429	0.305	ug/l #	43
31) Cyclohexane	8.022	56	12022	1.010	ug/l #	53
36) 1,1-Dichloropropene	8.010	75	38987	4.284	ug/l #	48
38) Carbon Tetrachloride	8.010	117	44230	5.264	ug/l #	17
49) 1,4-Dioxane	9.628	88	54	0.288	ug/l #	1
59) 2-Hexanone	11.022	43	3111	0.283	ug/l #	39
76) 1,2,3-Trichloropropane	12.674	75	215690	21.419	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	215690	46.229	ug/l #	11
95) Naphthalene	15.445	128	5354	1.774	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.627	180	832	1.457	ug/l	72

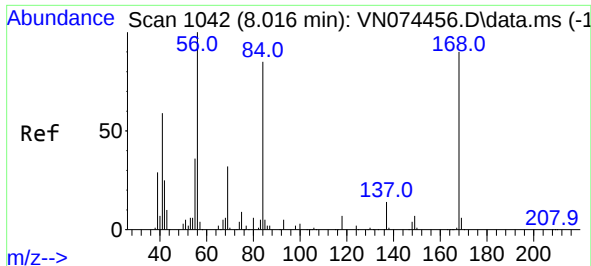
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
Data File : VN074483.D
Acq On : 16 Sep 2022 00:51
Operator : JC\MD
Sample : N4511-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

Quant Time: Sep 16 01:48:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

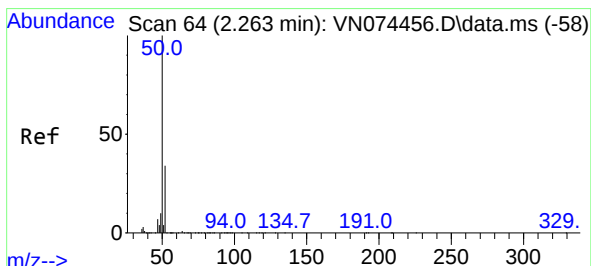
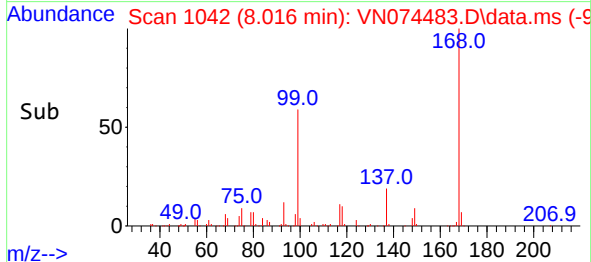
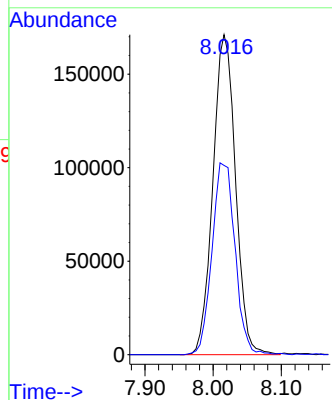
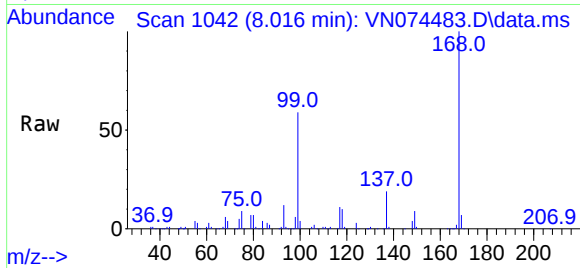




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

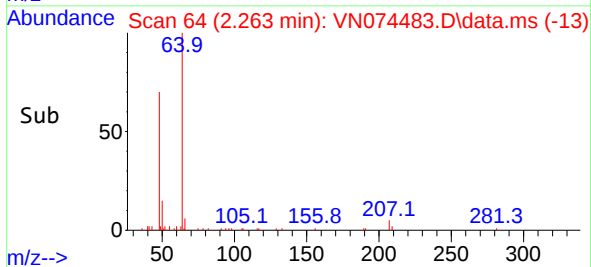
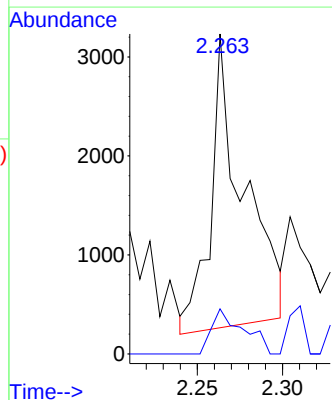
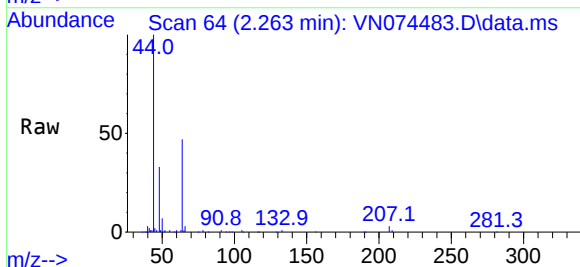
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

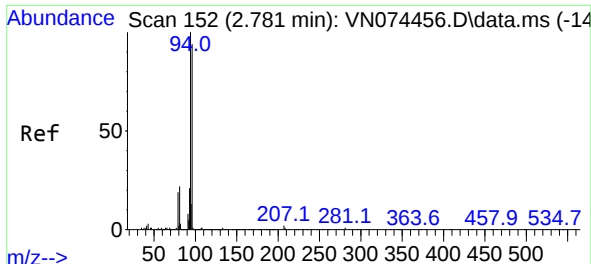
Tgt Ion:168 Resp: 395406
Ion Ratio Lower Upper
168 100
99 59.2 42.3 63.5



#3
Chloromethane
Concen: 0.803 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 50 Resp: 3965
Ion Ratio Lower Upper
50 100
52 15.9 25.7 38.5#

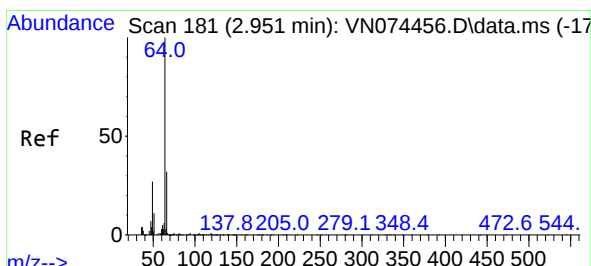
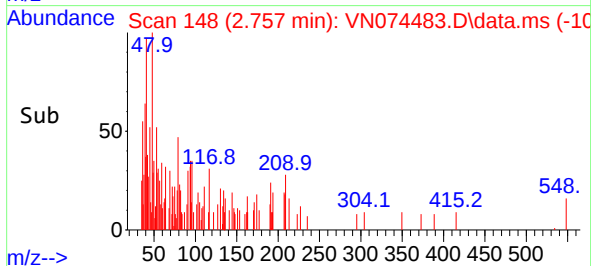
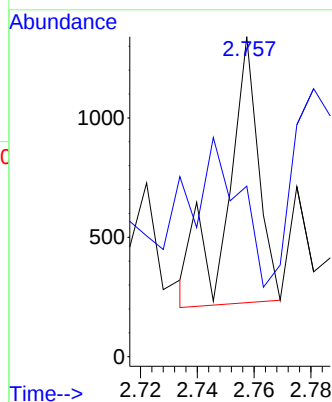
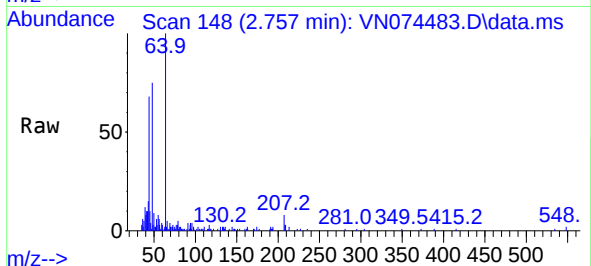




#5
Bromomethane
Concen: 0.208 ug/l
RT: 2.757 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

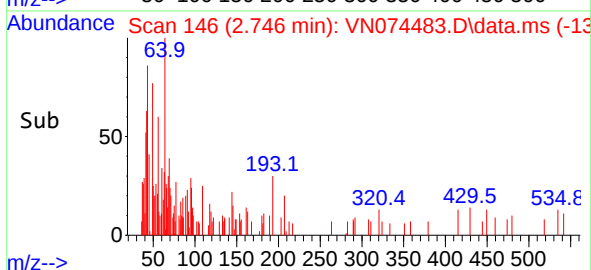
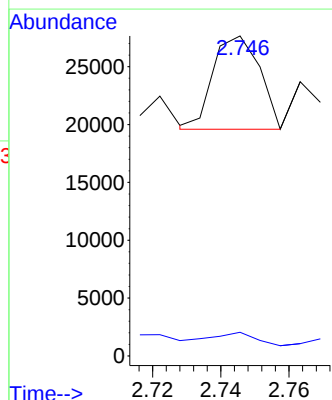
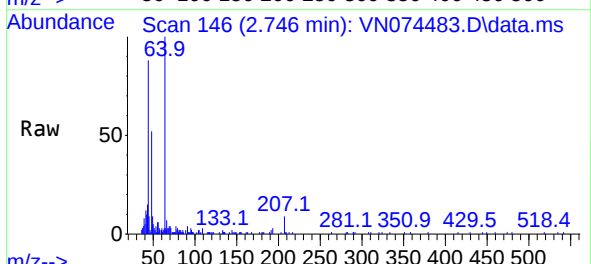
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

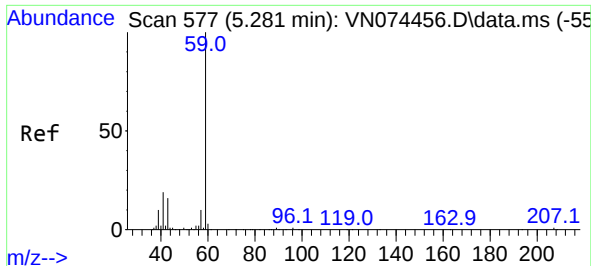
Tgt Ion: 94 Resp: 851
Ion Ratio Lower Upper
94 100
96 29.9 76.0 114.0#



#6
Chloroethane
Concen: 1.440 ug/l
RT: 2.746 min Scan# 146
Delta R.T. -0.205 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 64 Resp: 7620
Ion Ratio Lower Upper
64 100
66 14.4 26.2 39.4#

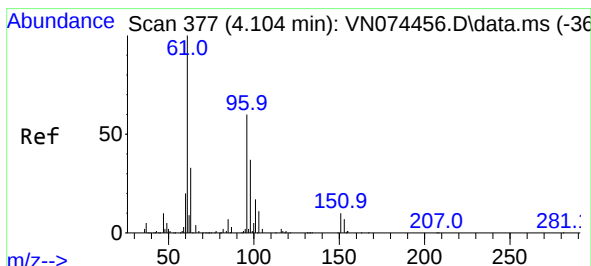
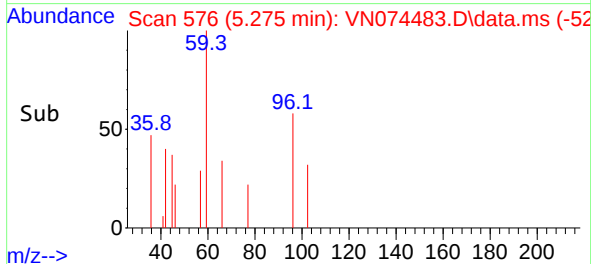
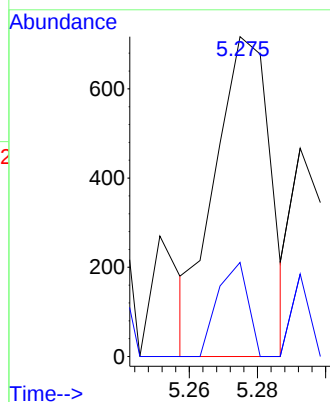
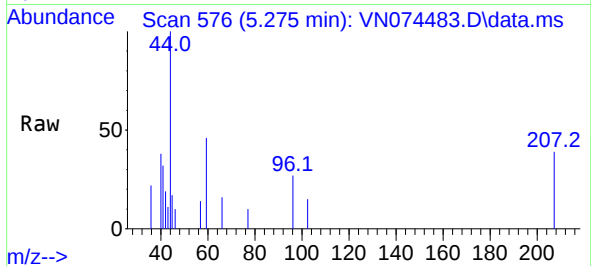




#11
Tert butyl alcohol
Concen: 0.372 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

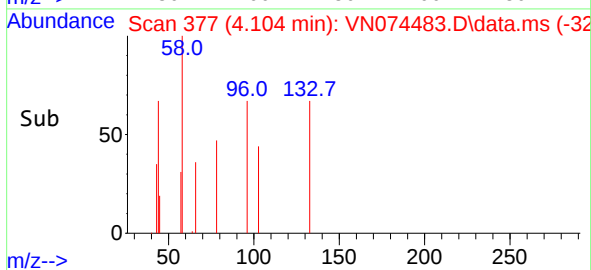
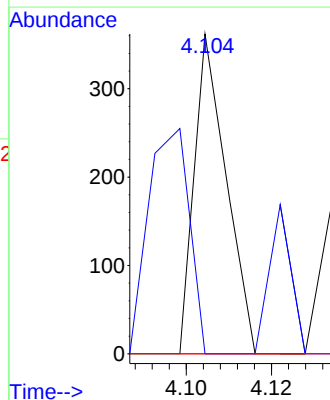
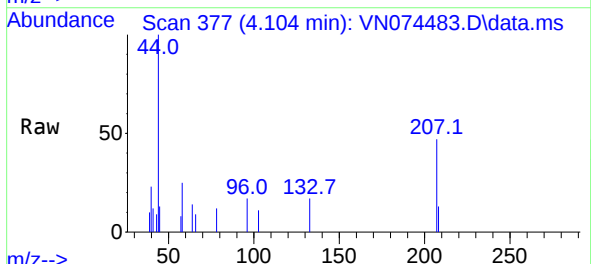
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

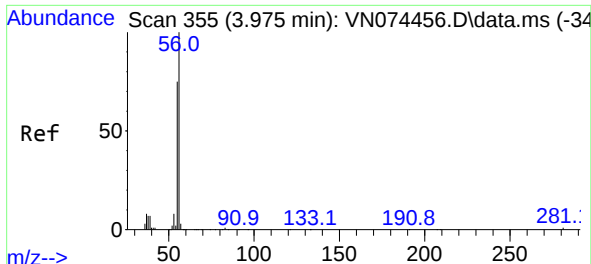
Tgt Ion: 59 Resp: 812
Ion Ratio Lower Upper
59 100
57 16.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.720 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 96 Resp: 188
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

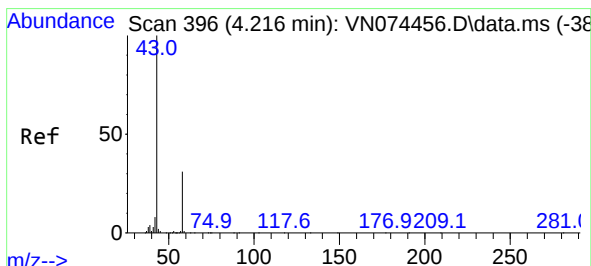
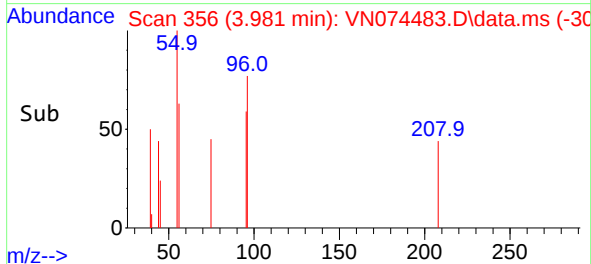
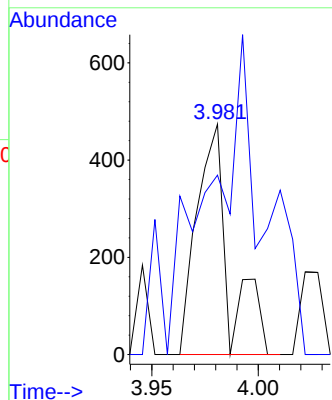
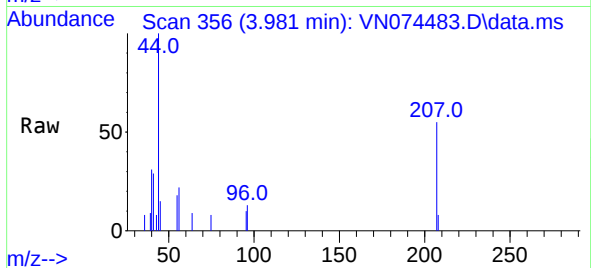




#13
Acrolein
Concen: 0.626 ug/l
RT: 3.981 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

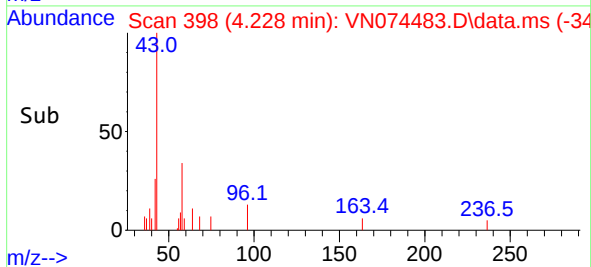
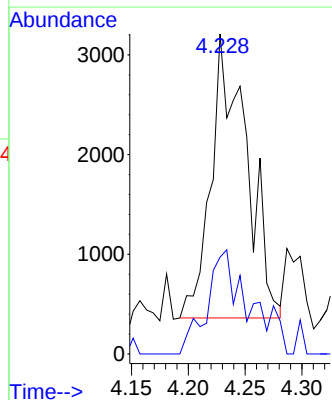
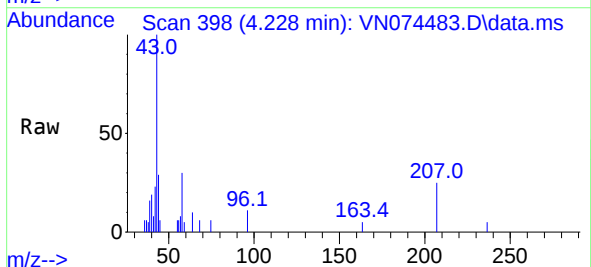
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

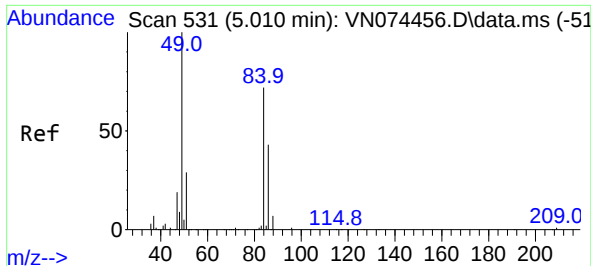
Tgt Ion: 56 Resp: 500
Ion Ratio Lower Upper
56 100
55 251.2 54.8 82.2#



#16
Acetone
Concen: 1.441 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 43 Resp: 6185
Ion Ratio Lower Upper
43 100
58 34.1 26.0 39.0

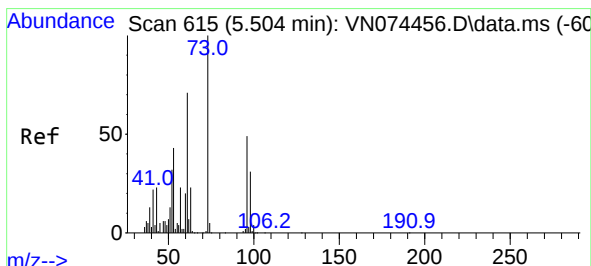
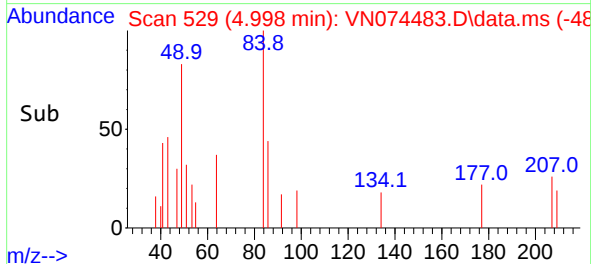
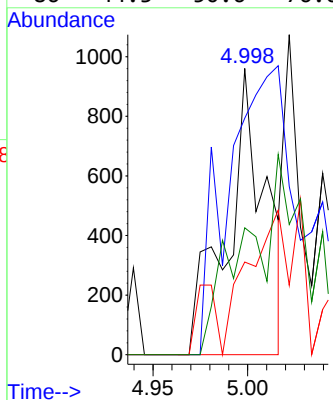
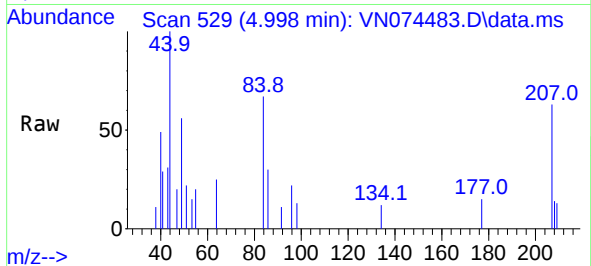




#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 4.998 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

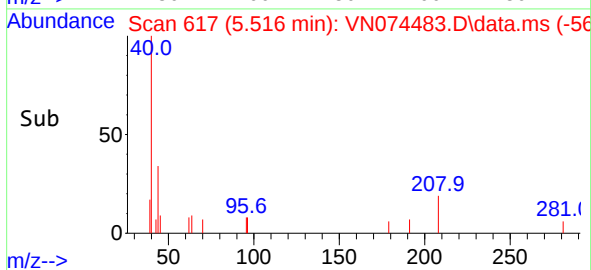
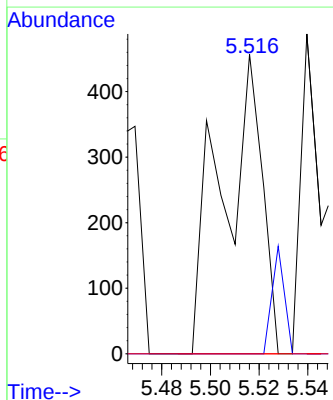
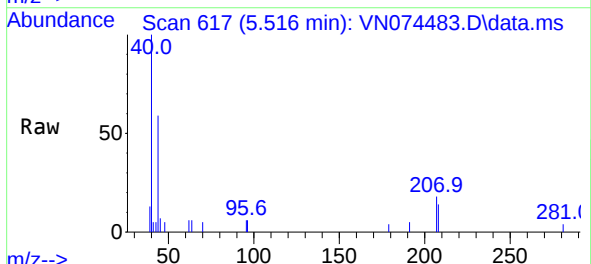
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

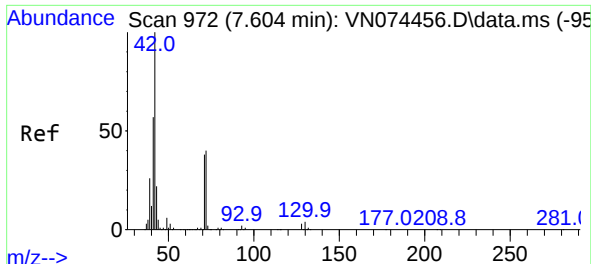
Tgt Ion: 84 Resp: 1348
Ion Ratio Lower Upper
84 100
49 82.6 88.3 132.5#
51 32.4 28.2 42.2
86 44.3 50.6 76.0#



#21
trans-1,2-Dichloroethene
Concen: 0.519 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 96 Resp: 521
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#

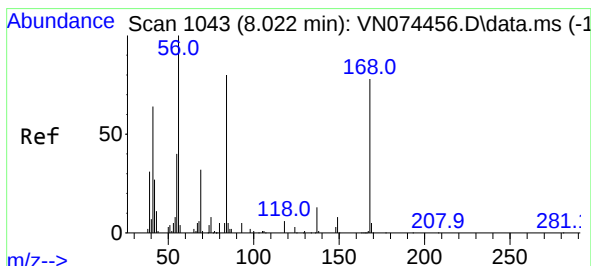
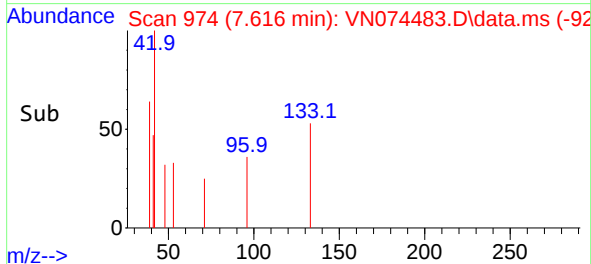
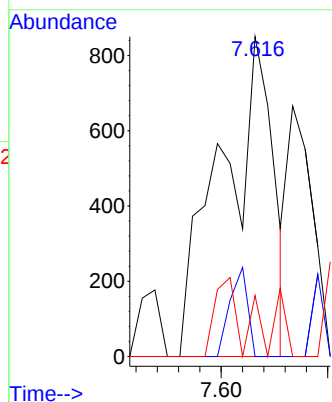
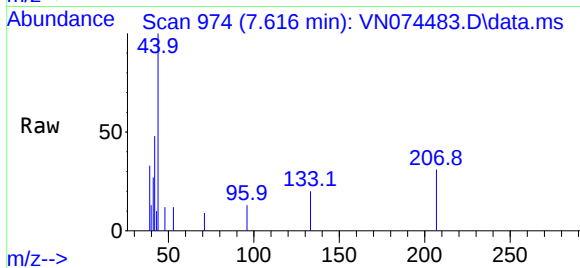




#29
Tetrahydrofuran
Concen: 0.305 ug/l
RT: 7.616 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

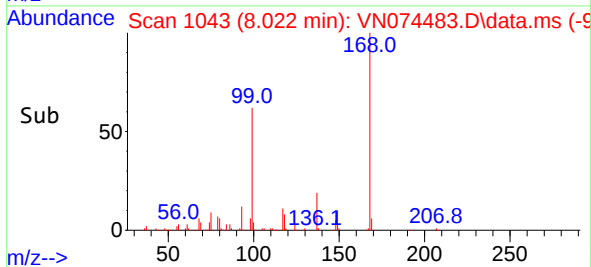
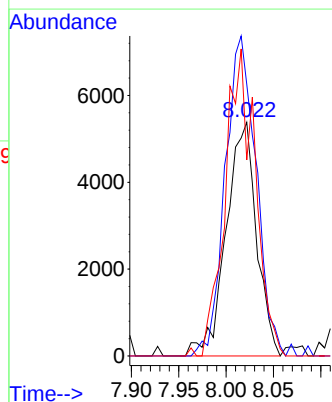
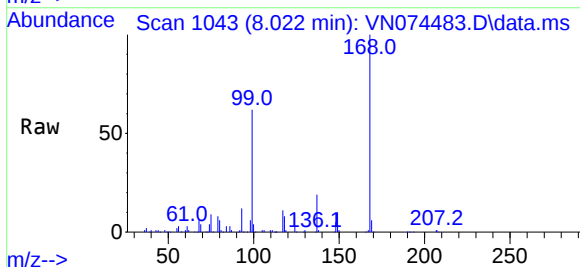
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

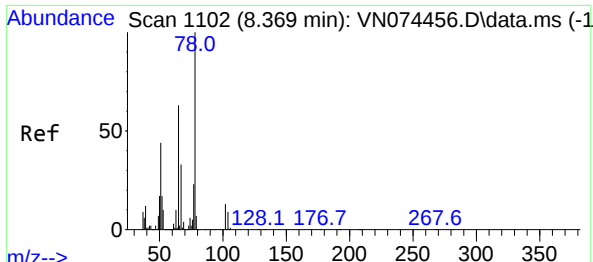
Tgt Ion: 42 Resp: 1429
Ion Ratio Lower Upper
42 100
72 9.6 39.7 59.5#
71 9.6 36.6 55.0#



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 56 Resp: 12022
Ion Ratio Lower Upper
56 100
69 116.3 27.8 41.8#
84 83.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 45.580 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074483.D

Acq: 16 Sep 2022 00:51

Instrument :

MSVOA_N

ClientSampleId :

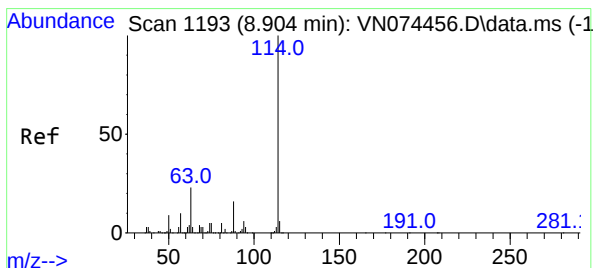
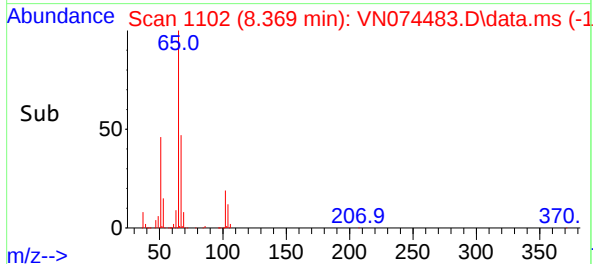
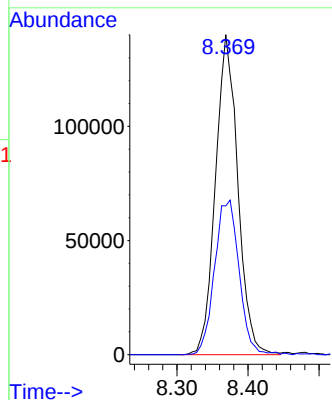
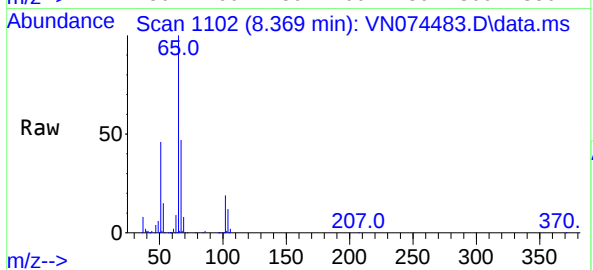
S1-TB-20220902

Tgt Ion: 65 Resp: 305794

Ion Ratio Lower Upper

65 100

67 53.1 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: VN074483.D

Acq: 16 Sep 2022 00:51

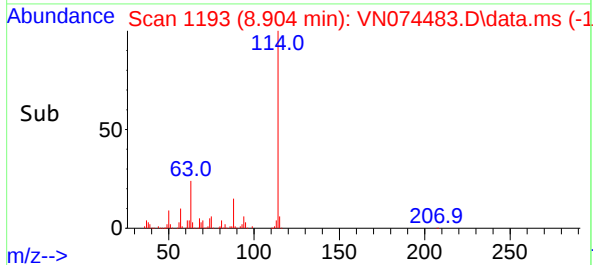
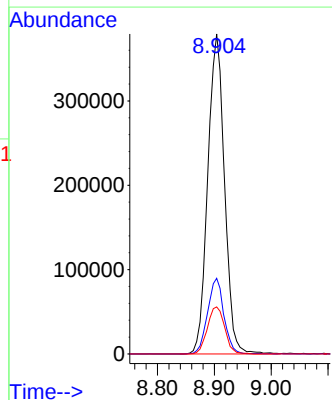
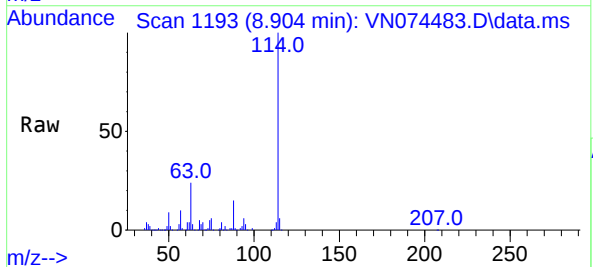
Tgt Ion:114 Resp: 774041

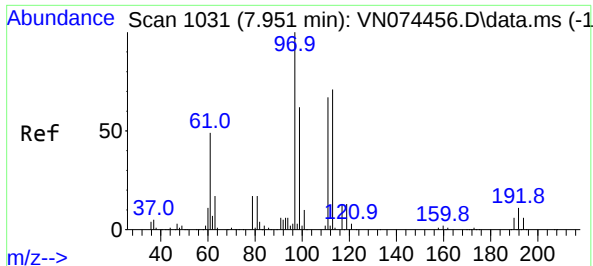
Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 14.7 0.0 32.6

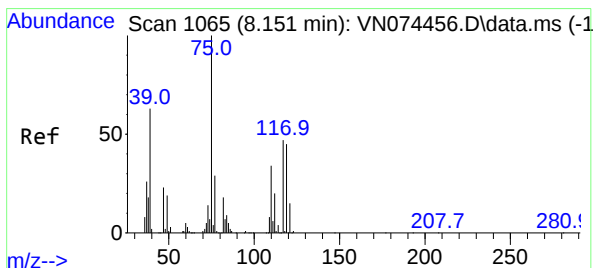
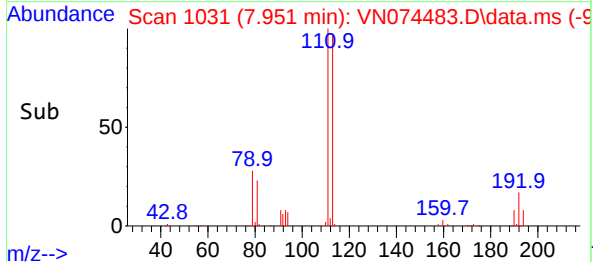
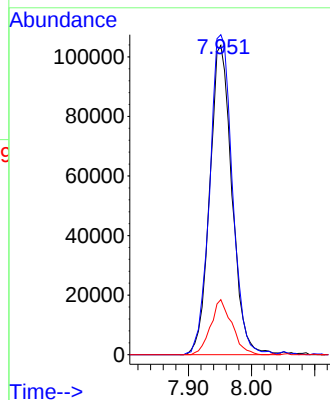
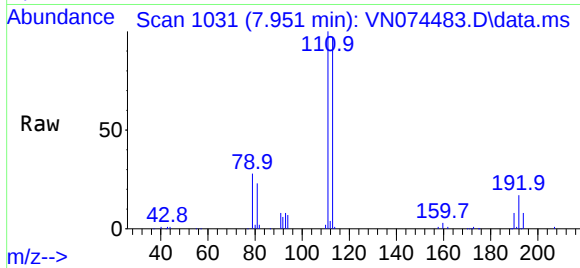




#35
Dibromofluoromethane
Concen: 49.418 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

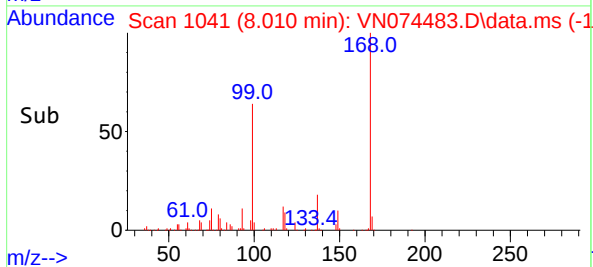
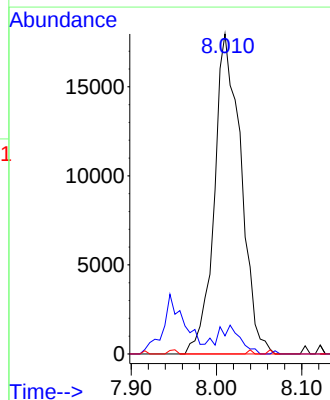
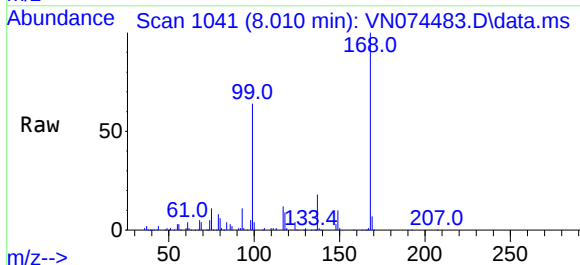
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

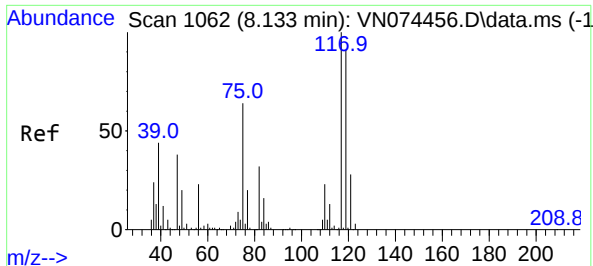
Tgt Ion:113 Resp: 254098
Ion Ratio Lower Upper
113 100
111 105.4 81.4 122.0
192 17.0 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.284 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 75 Resp: 38987
Ion Ratio Lower Upper
75 100
110 7.9 18.3 54.8#
77 0.0 25.1 37.7#

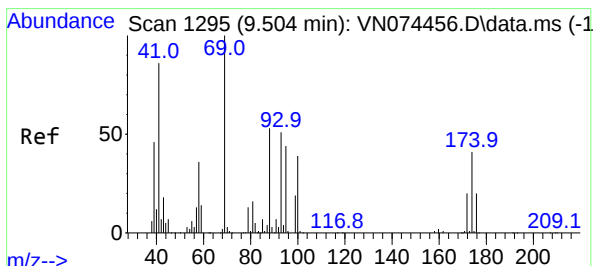
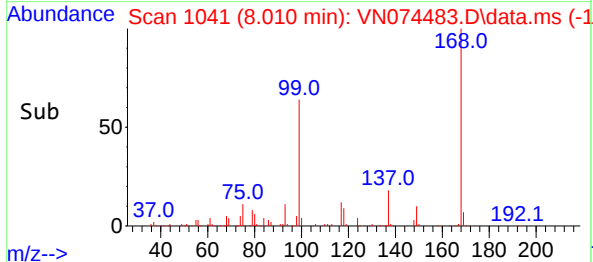
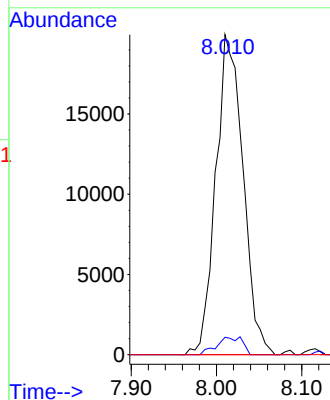
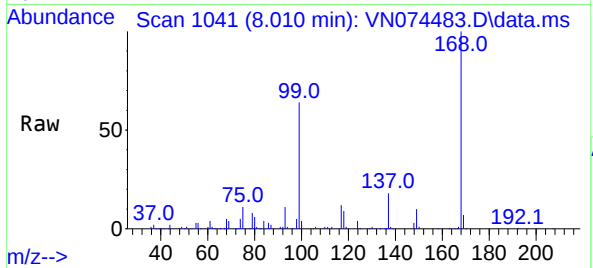




#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 8.010 min Scan# 1
Delta R.T. -0.123 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

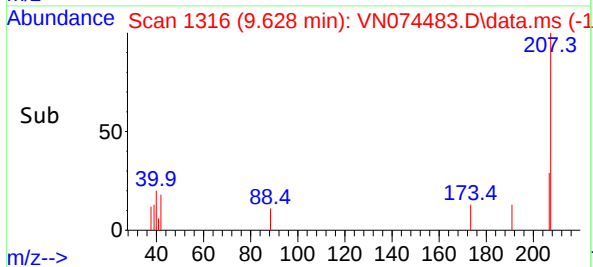
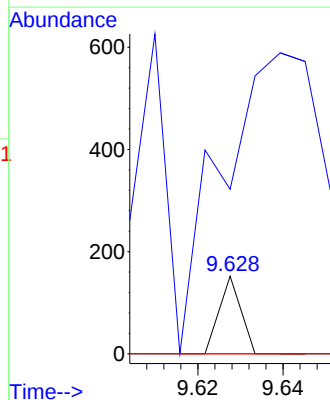
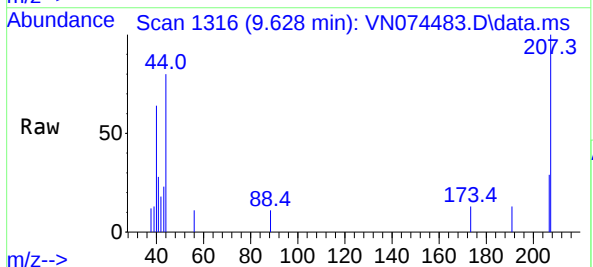
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

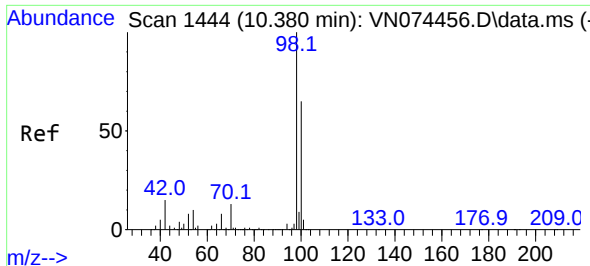
Tgt Ion:117 Resp: 44230
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.288 ug/l
RT: 9.628 min Scan# 1316
Delta R.T. 0.124 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 2305.6 20.2 30.4#
58 0.0 54.2 81.4#

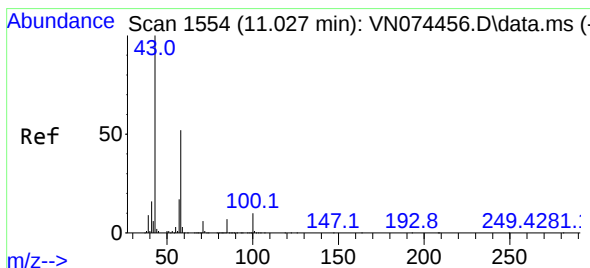
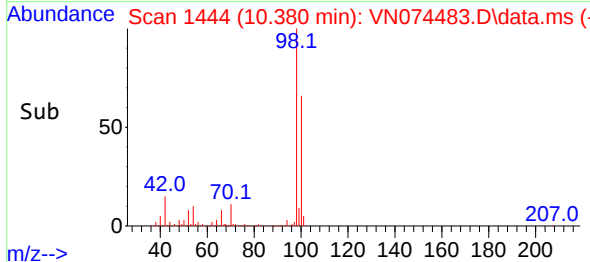
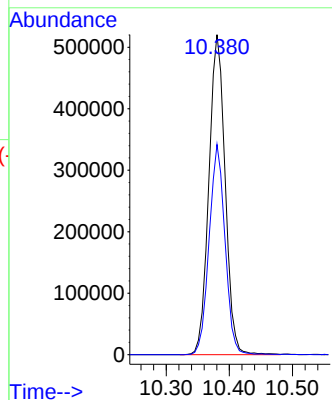
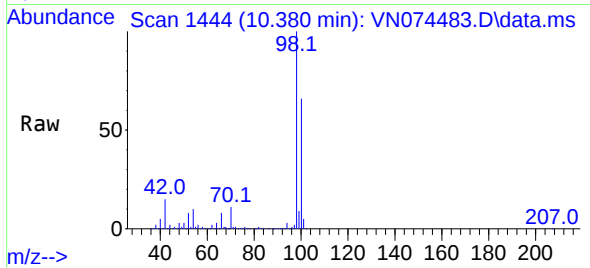




#50
Toluene-d8
Concen: 46.870 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

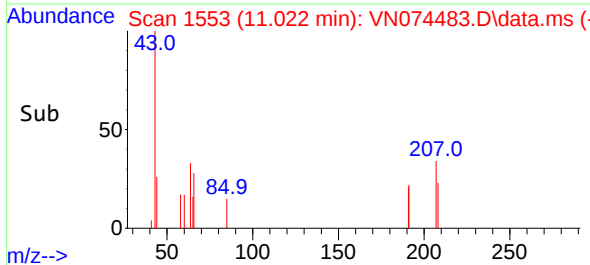
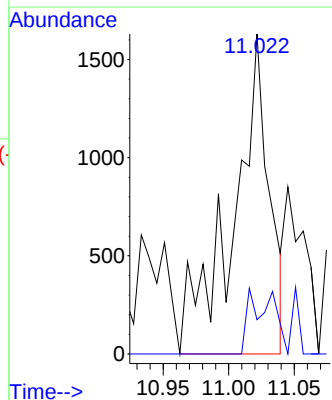
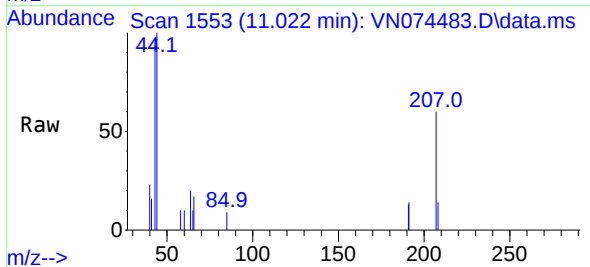
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

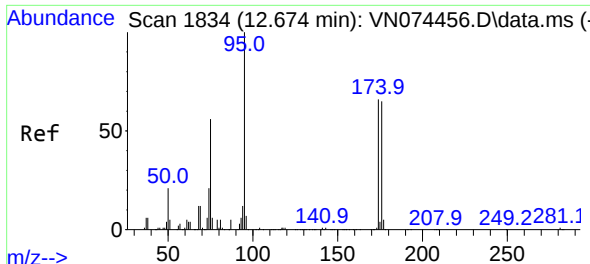
Tgt Ion: 98 Resp: 932016
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#59
2-Hexanone
Concen: 0.283 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.005 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
58 13.5 29.7 89.1#

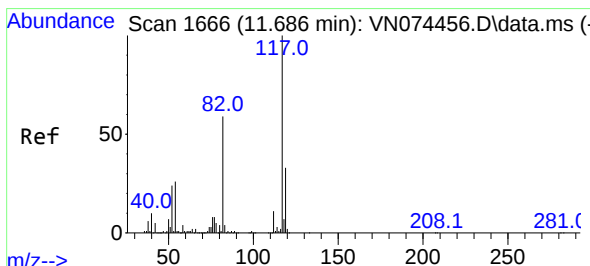
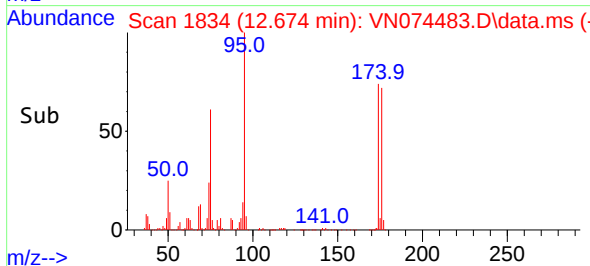
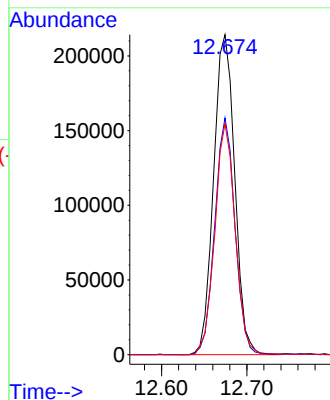
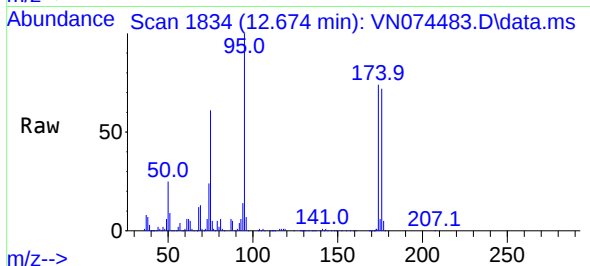




#62
4-Bromofluorobenzene
Concen: 54.102 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

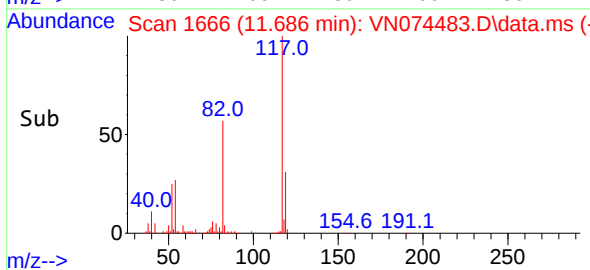
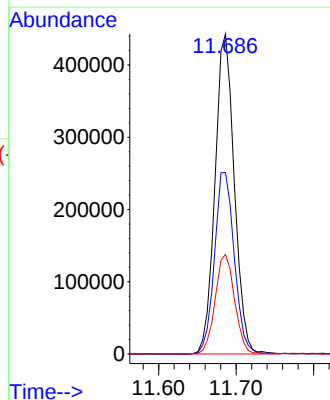
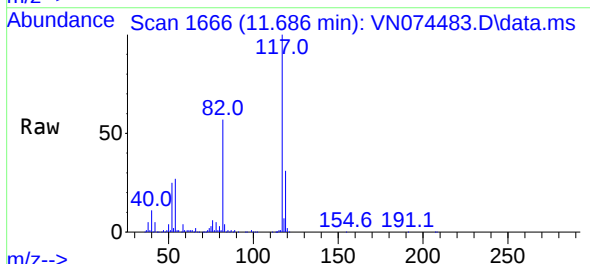
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

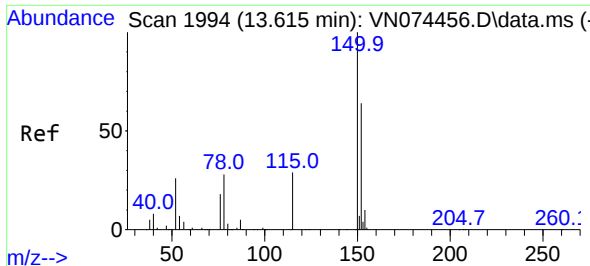
Tgt Ion: 95 Resp: 368468
Ion Ratio Lower Upper
95 100
174 71.0 0.0 167.6
176 69.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

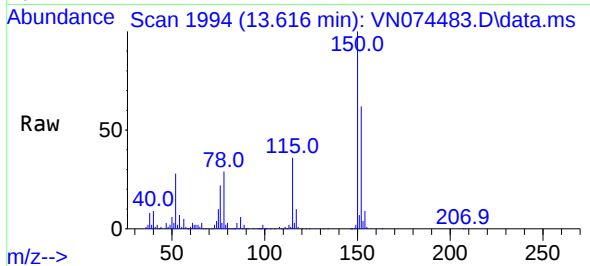
Tgt Ion: 117 Resp: 767028
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 31.1 25.4 38.0



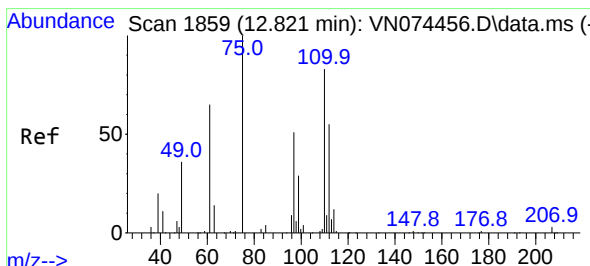
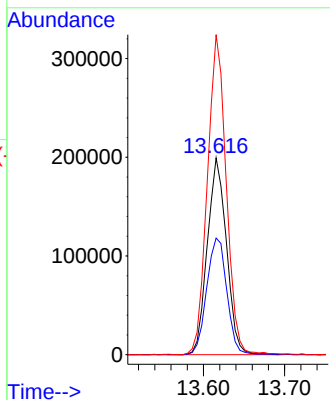
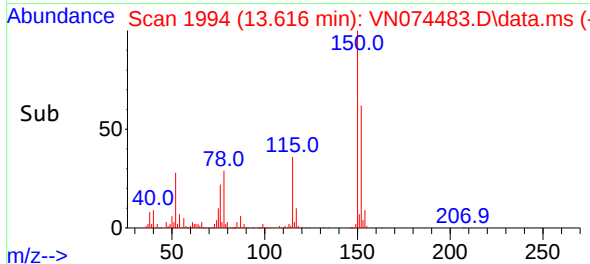


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074483.D
 Acq: 16 Sep 2022 00:51

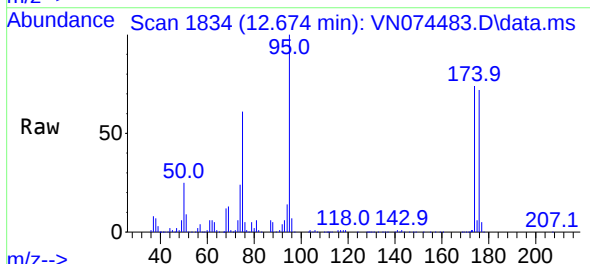
Instrument :
 MSVOA_N
 ClientSampleId :
 S1-TB-20220902



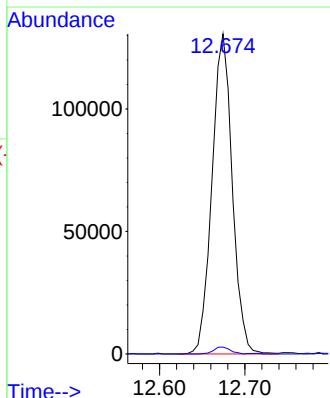
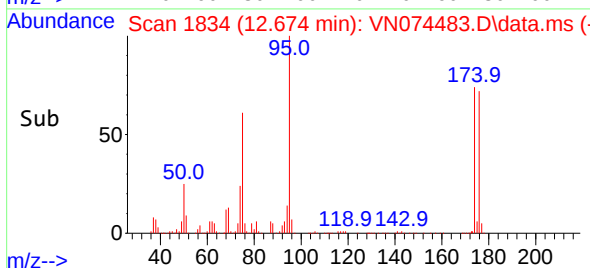
Tgt Ion:152 Resp: 327154
 Ion Ratio Lower Upper
 152 100
 115 62.2 28.9 86.7
 150 160.2 0.0 356.2

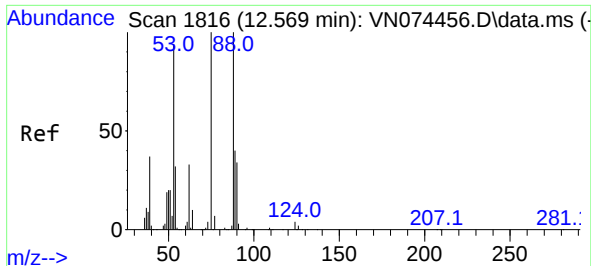


#76
 1,2,3-Trichloropropane
 Concen: 21.419 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074483.D
 Acq: 16 Sep 2022 00:51



Tgt Ion: 75 Resp: 215690
 Ion Ratio Lower Upper
 75 100
 77 1.8 98.5 295.5#

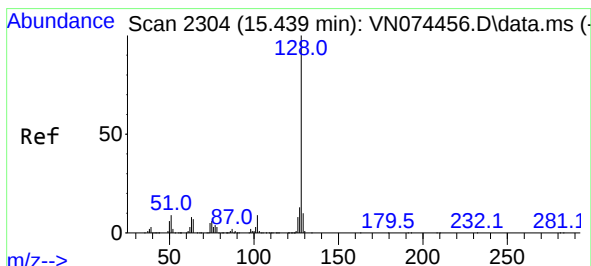
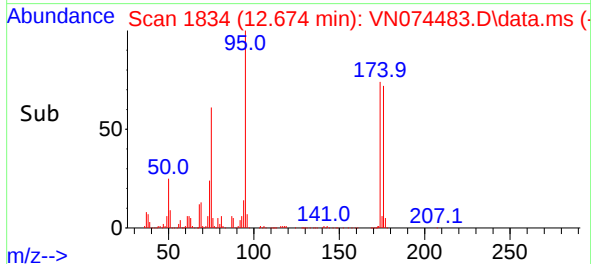
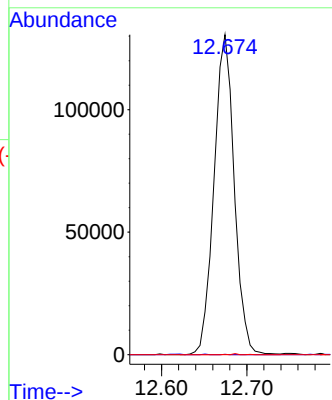
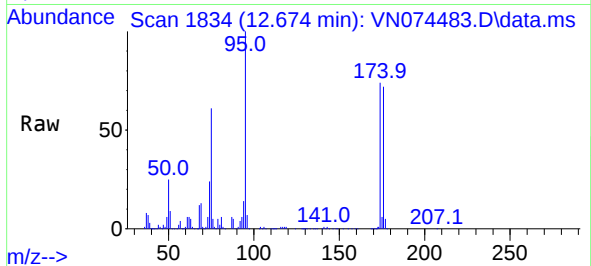




#81
trans-1,4-Dichloro-2-butene
Concen: 46.229 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

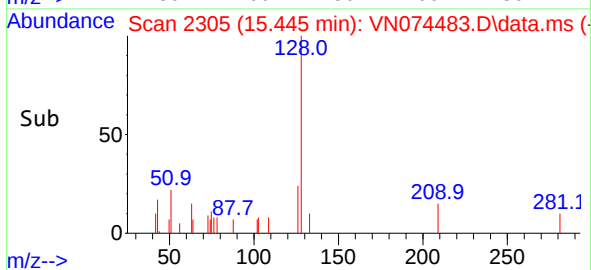
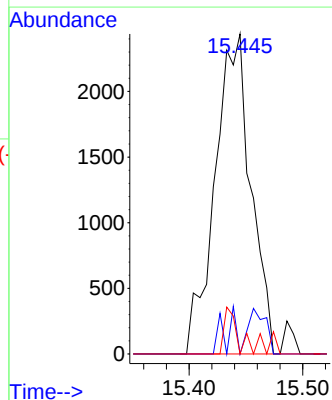
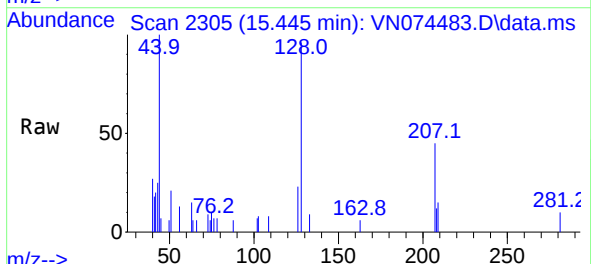
Instrument :
MSVOA_N
ClientSampleId :
S1-TB-20220902

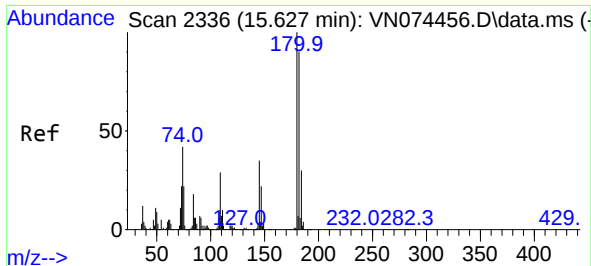
Tgt Ion: 75 Resp: 215690
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 1.774 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074483.D
Acq: 16 Sep 2022 00:51

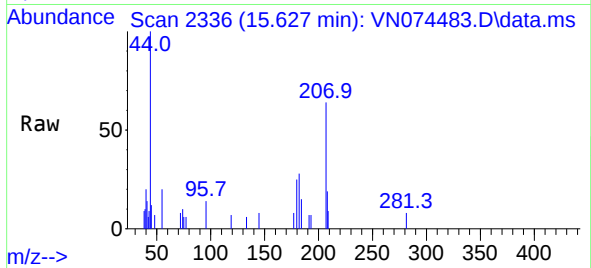
Tgt Ion:128 Resp: 5354
Ion Ratio Lower Upper
128 100
127 7.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.457 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074483.D
 Acq: 16 Sep 2022 00:51

Instrument :
 MSVOA_N
 ClientSampleId :
 S1-TB-20220902



Tgt Ion:180 Resp: 832

Ion	Ratio	Lower	Upper
180	100		
182	131.3	47.8	143.3
145	30.6	15.5	46.5

