

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073495.D
 Acq On : 18 Jul 2022 13:37
 Operator : JC\MD
 Sample : N3711-01
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124019

Quant Time: Jul 18 15:31:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

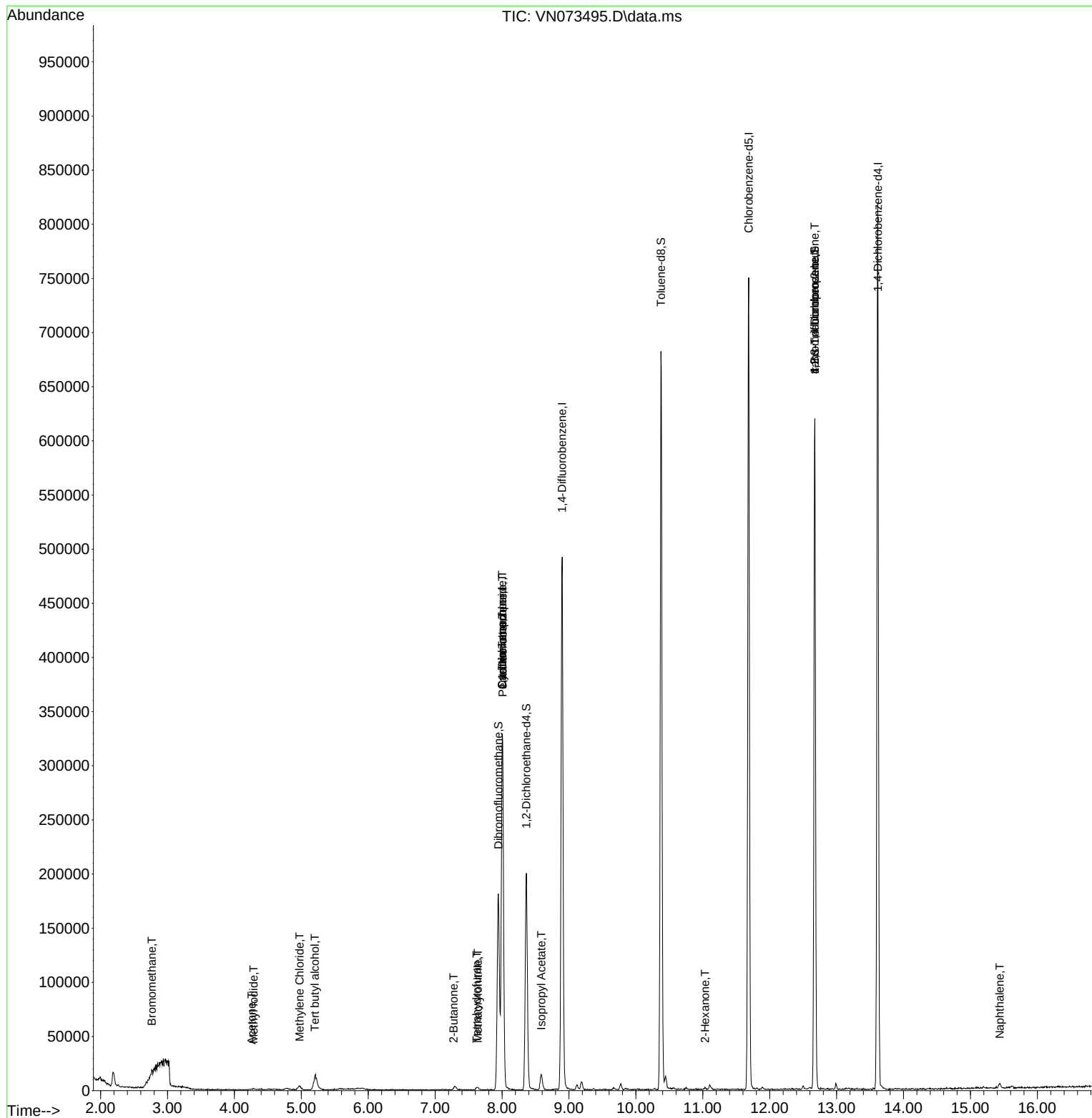
Internal Standards						
1) Pentafluorobenzene	8.010	168	251378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	430415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	426581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	214394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	164063	45.210	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.420%
35) Dibromofluoromethane	7.945	113	135748	47.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	10.374	98	462900	45.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.674	95	212644	54.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.820%
Target Compounds						
					Qvalue	
5) Bromomethane	2.763	94	637	0.445	ug/l #	49
10) Methyl Iodide	4.287	142	400	3.823	ug/l #	44
11) Tert butyl alcohol	5.204	59	13490	15.345	ug/l #	72
16) Acetone	4.257	43	1374	0.675	ug/l #	42
20) Methylene Chloride	4.975	84	3042	0.850	ug/l #	87
25) 2-Butanone	7.275	43	1027	0.317	ug/l #	45
29) Tetrahydrofuran	7.622	42	2098	0.945	ug/l #	62
31) Cyclohexane	8.004	56	6110	1.028	ug/l #	29
36) 1,1-Dichloropropene	8.004	75	20961	4.757	ug/l #	48
38) Carbon Tetrachloride	8.004	117	26851	5.893	ug/l #	16
41) Methacrylonitrile	7.639	41	1649	0.511	ug/l #	26
43) Isopropyl Acetate	8.586	43	6917	0.723	ug/l #	53
59) 2-Hexanone	11.033	43	1393	0.301	ug/l	74
76) 1,2,3-Trichloropropane	12.674	75	112961	20.150	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	112961	55.261	ug/l #	10
95) Naphthalene	15.439	128	5015	0.304	ug/l #	85

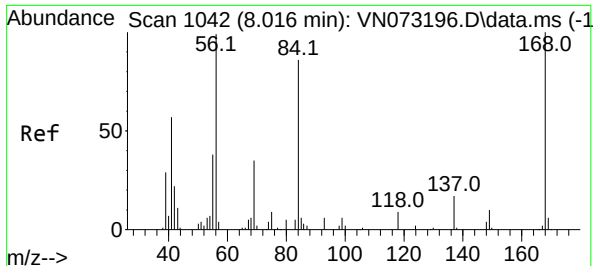
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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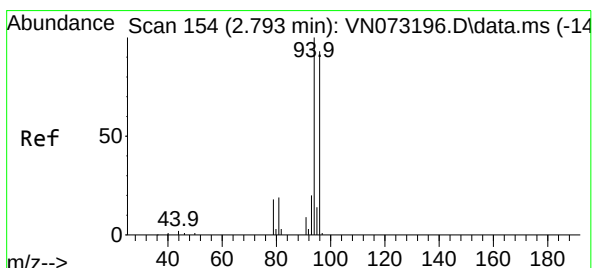
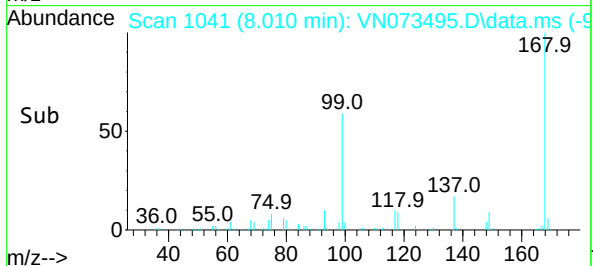
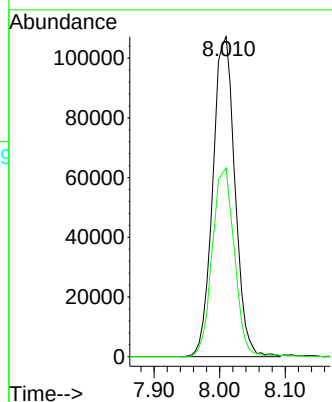
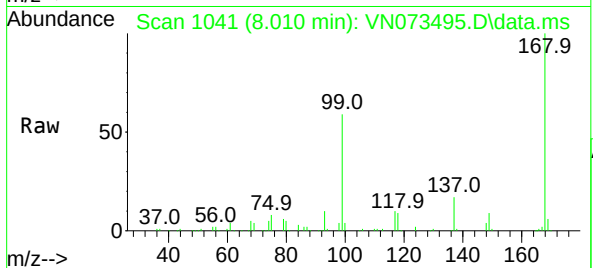




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

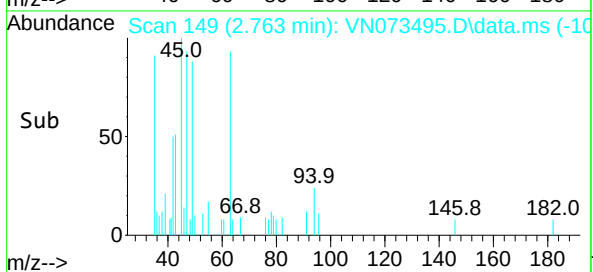
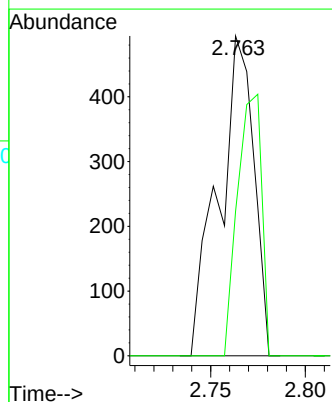
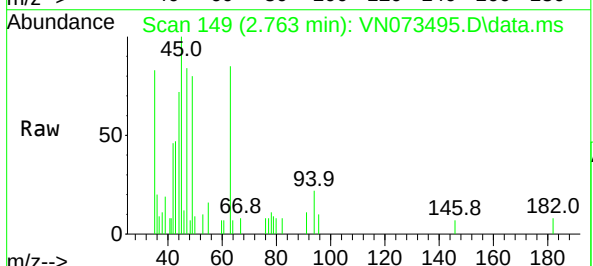
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

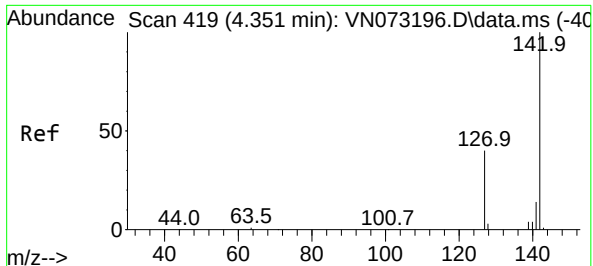
Tgt Ion:168 Resp: 251378
Ion Ratio Lower Upper
168 100
99 59.0 42.3 63.5



#5
Bromomethane
Concen: 0.445 ug/l
RT: 2.763 min Scan# 149
Delta R.T. -0.030 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 94 Resp: 637
Ion Ratio Lower Upper
94 100
96 45.1 76.0 114.0#

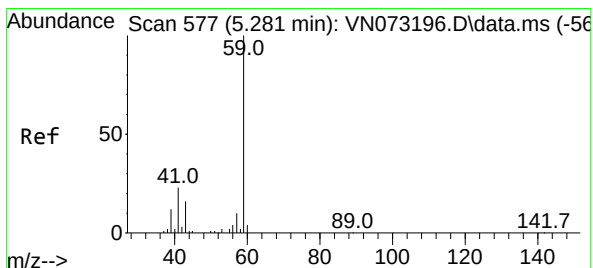
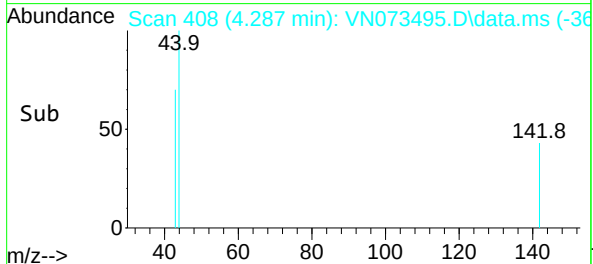
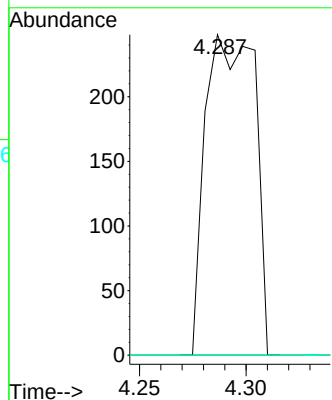
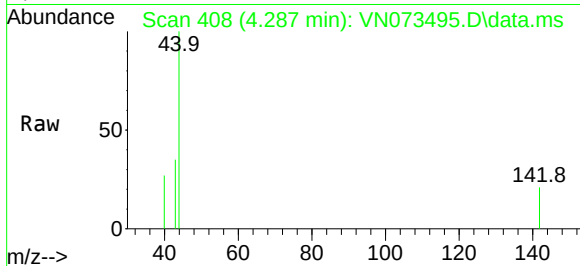




#10
Methyl Iodide
Concen: 3.823 ug/l
RT: 4.287 min Scan# 408
Delta R.T. -0.064 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

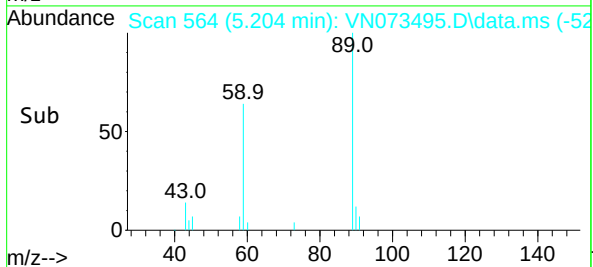
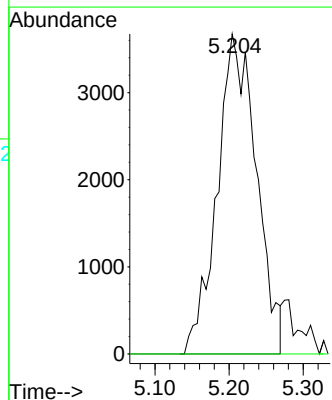
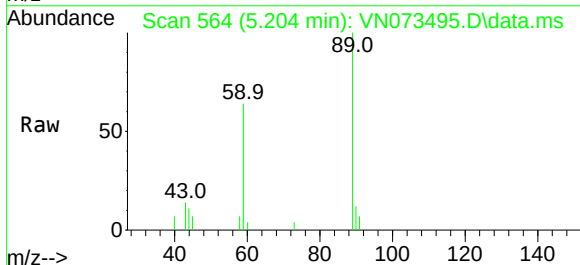
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

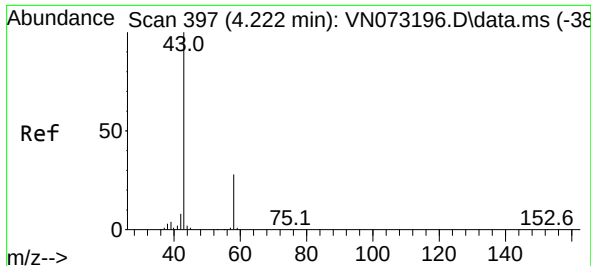
Tgt Ion:142 Resp: 400
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 15.345 ug/l
RT: 5.204 min Scan# 564
Delta R.T. -0.077 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 59 Resp: 13490
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

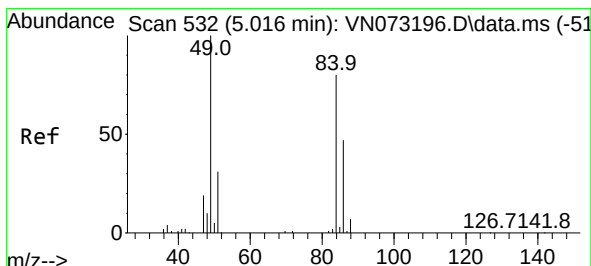
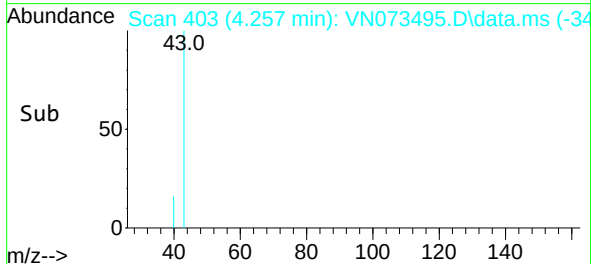
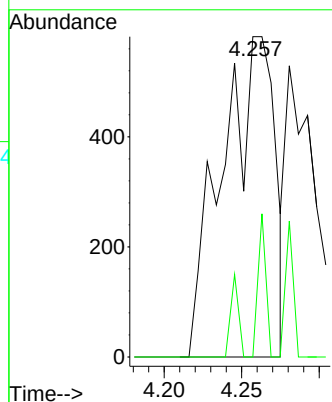
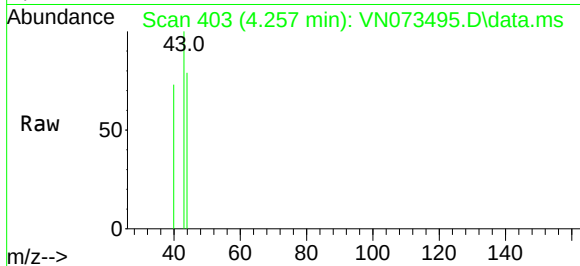




#16
Acetone
Concen: 0.675 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

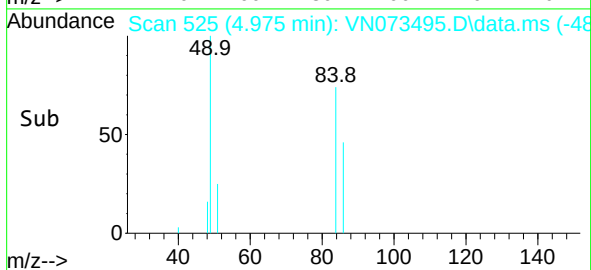
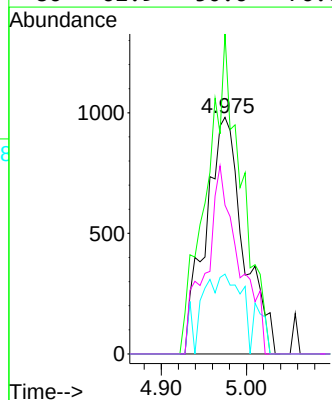
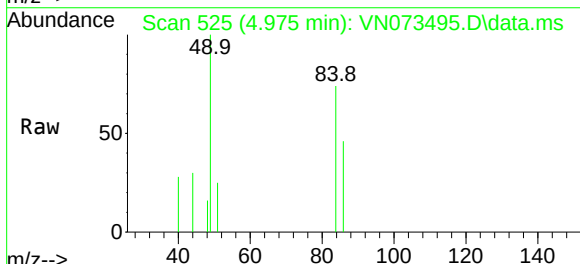
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

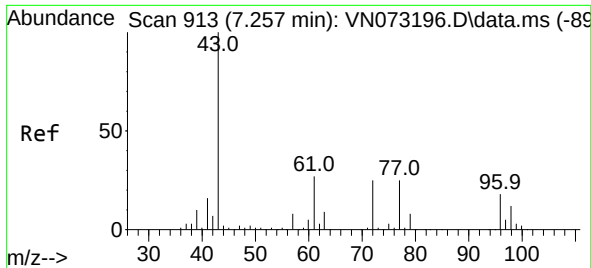
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.850 ug/l
RT: 4.975 min Scan# 525
Delta R.T. -0.041 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 84 Resp: 3042
Ion Ratio Lower Upper
84 100
49 135.3 88.3 132.5#
51 33.7 28.2 42.2
86 62.9 50.6 76.0

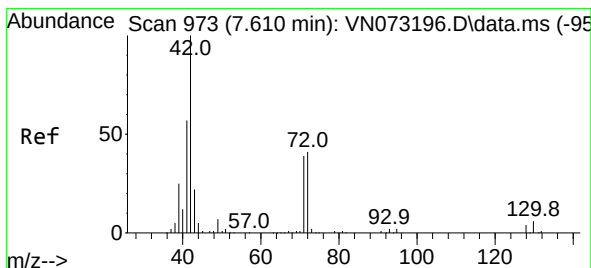
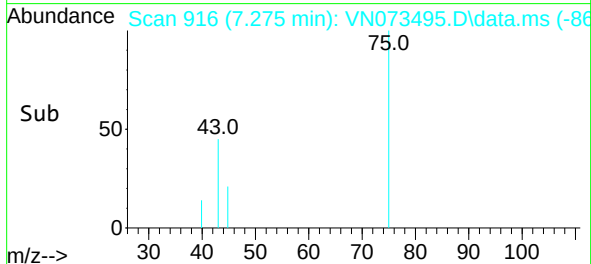
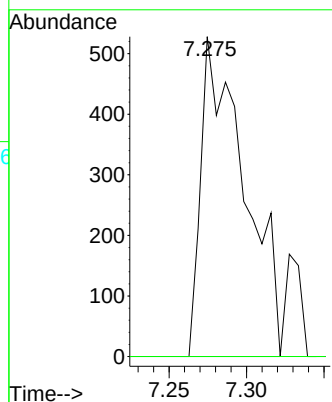
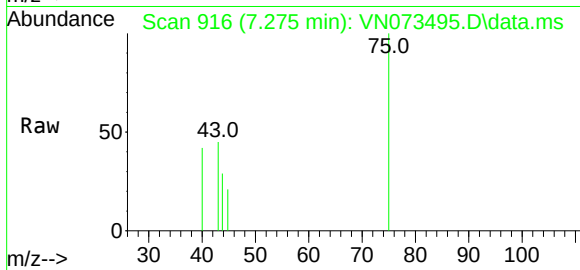




#25
2-Butanone
Concen: 0.317 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

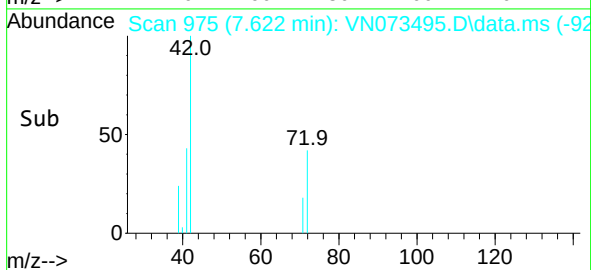
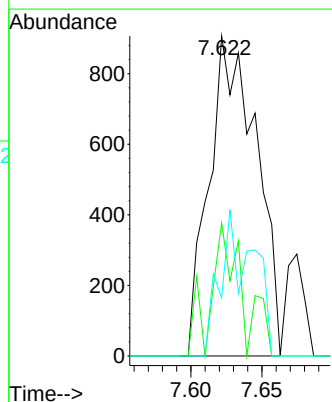
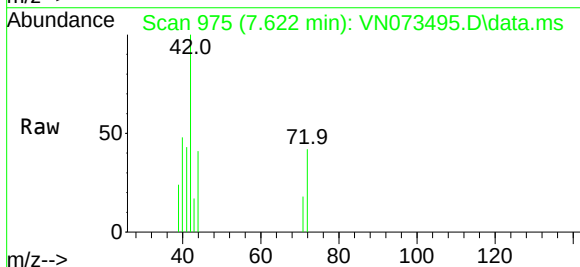
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

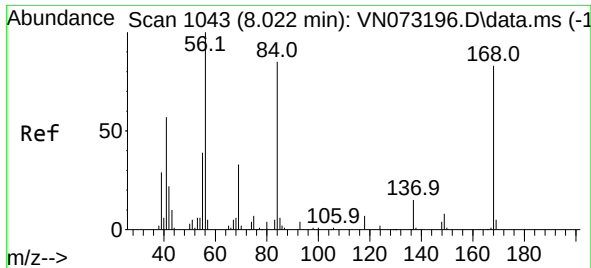
Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.945 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 42 Resp: 2098
Ion Ratio Lower Upper
42 100
72 28.1 39.7 59.5#
71 16.6 36.6 55.0#

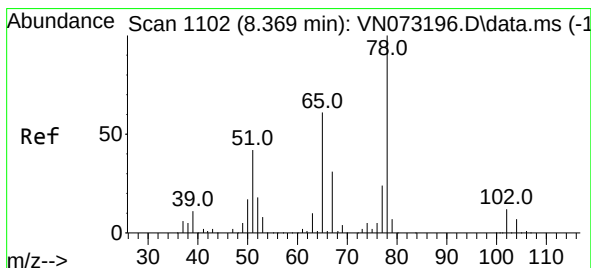
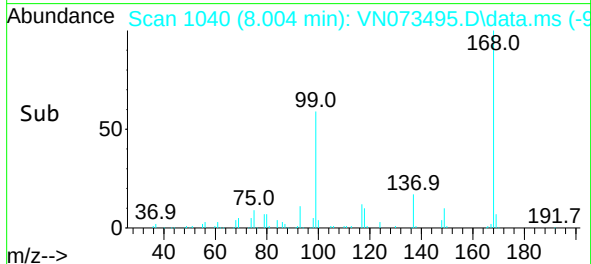
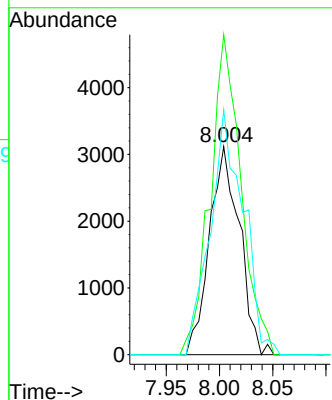
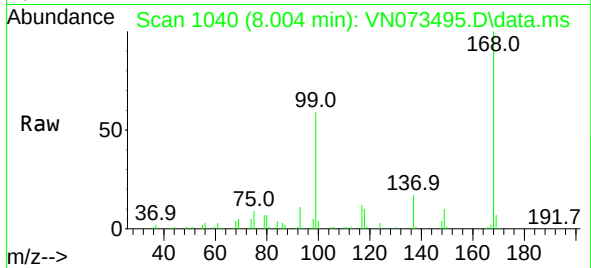




#31
Cyclohexane
Concen: 1.028 ug/l
RT: 8.004 min Scan# 1100
Delta R.T. -0.018 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

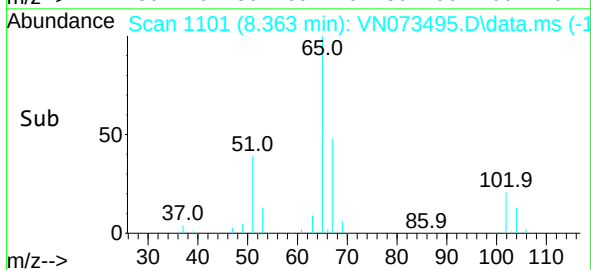
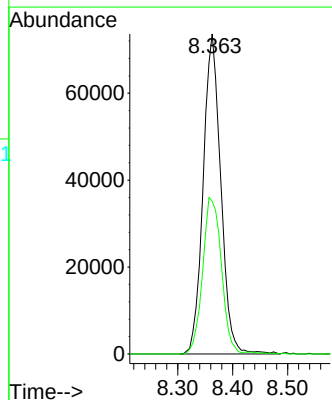
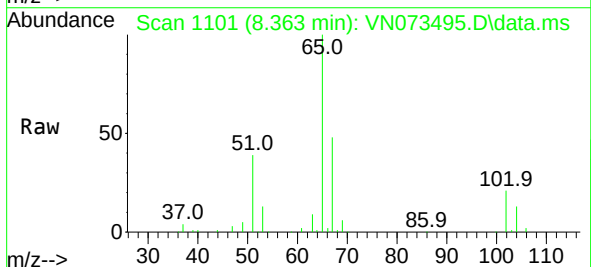
Instrument :
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PSC124019

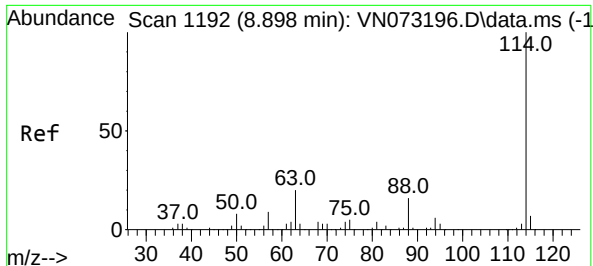
Tgt Ion: 56 Resp: 6110
Ion Ratio Lower Upper
56 100
69 153.8 27.8 41.8#
84 117.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.210 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 65 Resp: 164063
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073495.D

Acq: 18 Jul 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

PSC124019

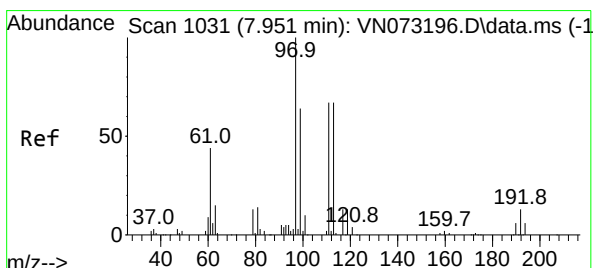
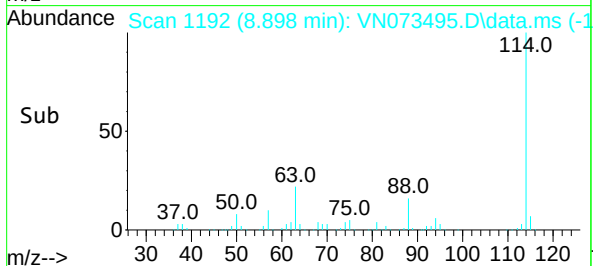
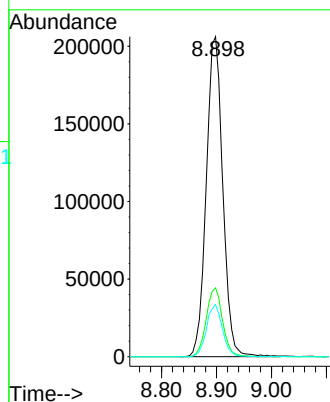
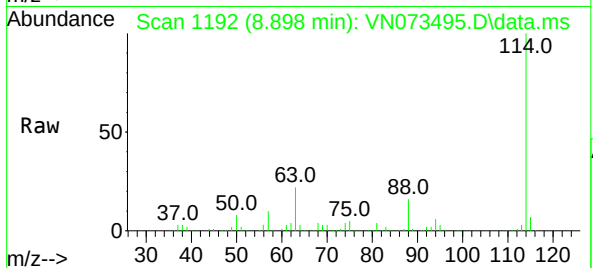
Tgt Ion:114 Resp: 430415

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.404 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073495.D

Acq: 18 Jul 2022 13:37

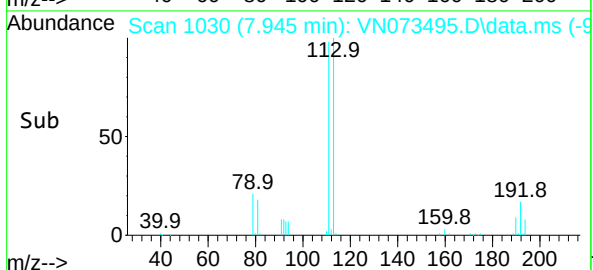
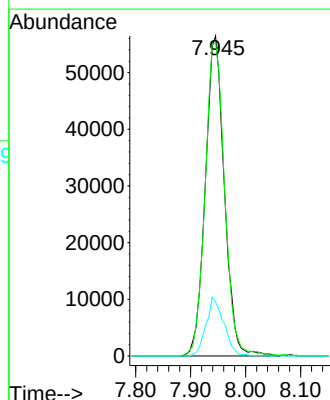
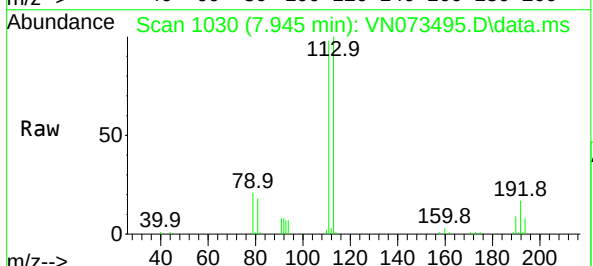
Tgt Ion:113 Resp: 135748

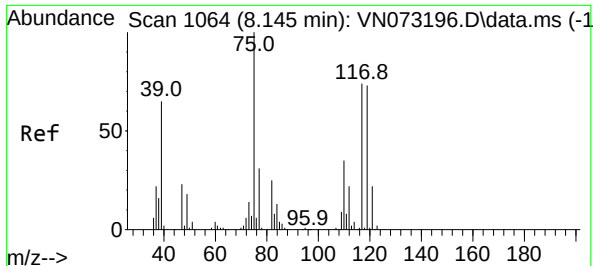
Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

192 17.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.141 min

Lab File: VN073495.D

Acq: 18 Jul 2022 13:37

Instrument :

MSVOA_N

ClientSampleId :

PSC124019

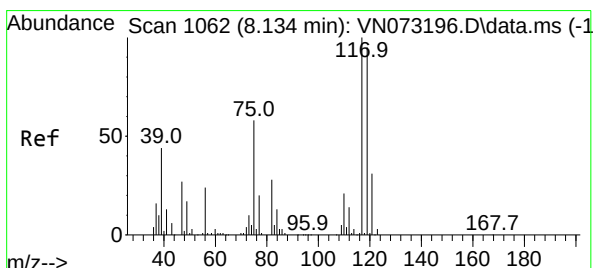
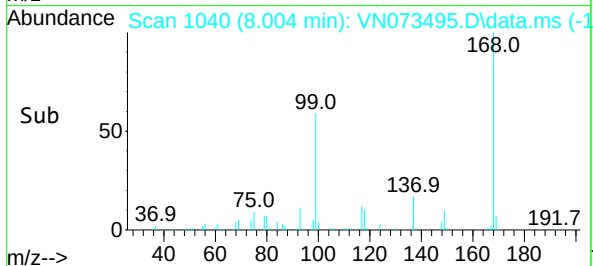
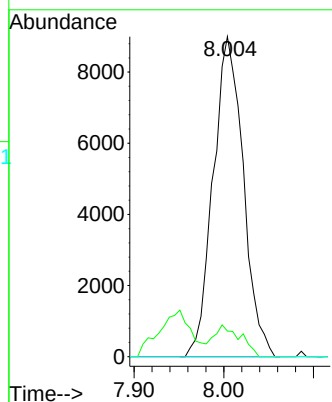
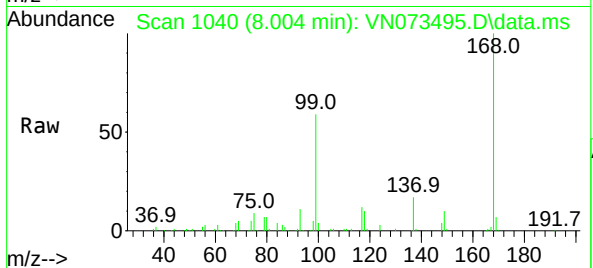
Tgt Ion: 75 Resp: 20961

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.893 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.130 min

Lab File: VN073495.D

Acq: 18 Jul 2022 13:37

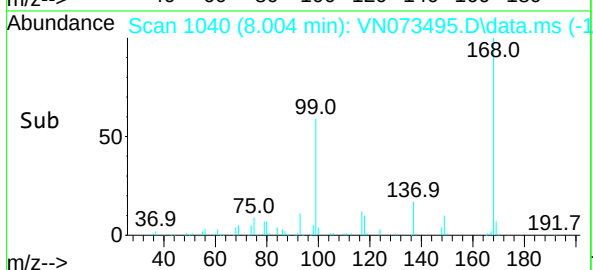
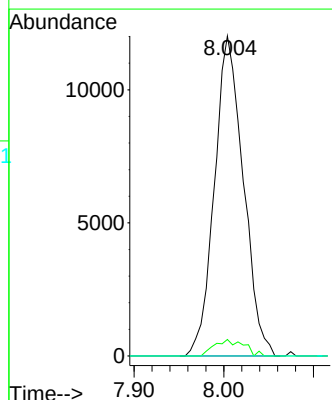
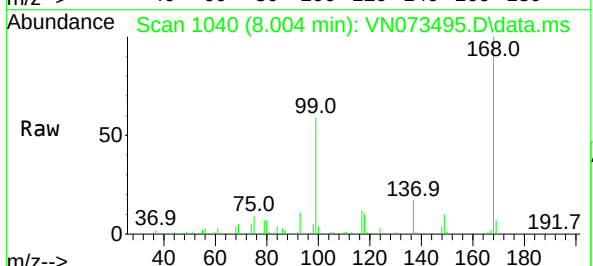
Tgt Ion: 117 Resp: 26851

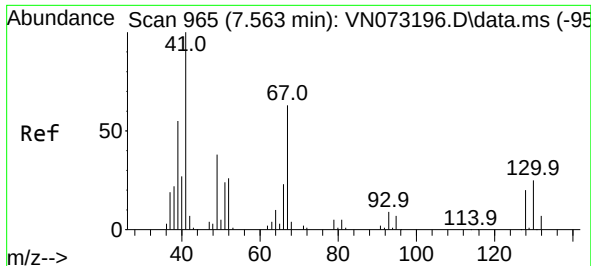
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 24.6 37.0#

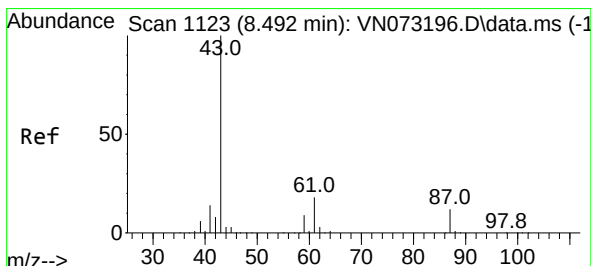
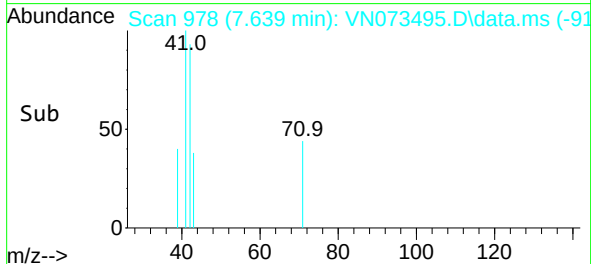
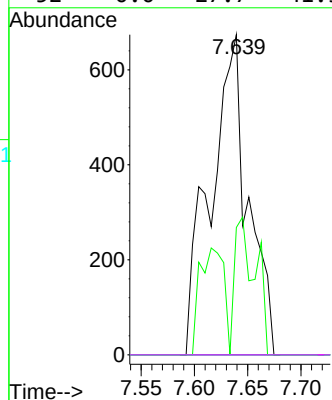
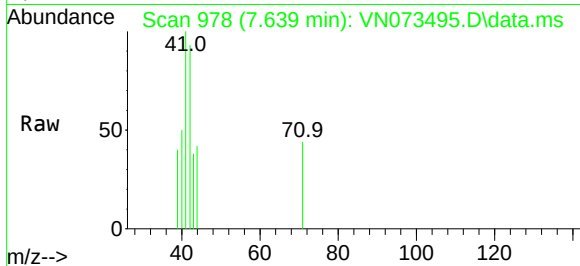




#41
Methacrylonitrile
Concen: 0.511 ug/l
RT: 7.639 min Scan# 91
Delta R.T. 0.076 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

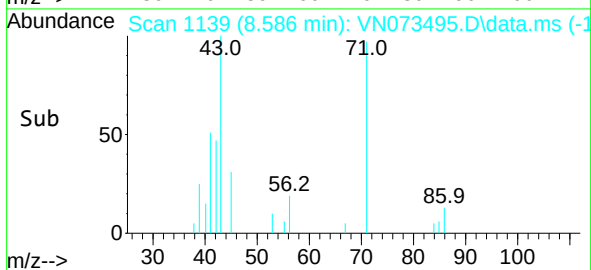
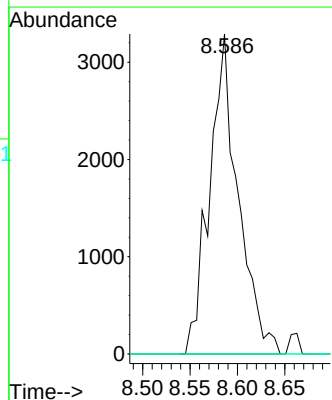
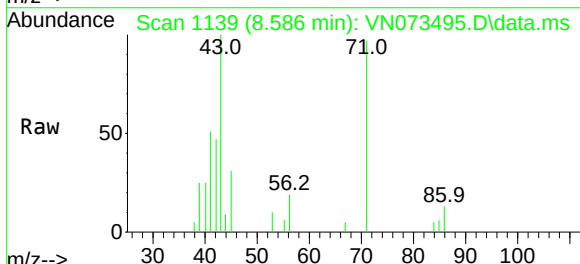
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

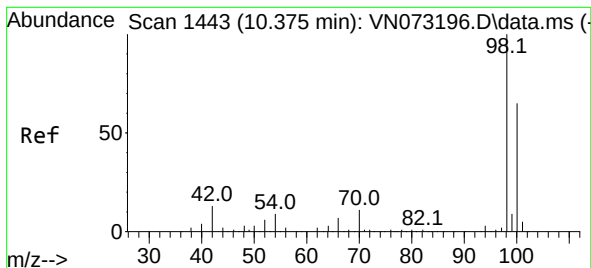
Tgt Ion:	41	Resp:	1649
Ion	Ratio	Lower	Upper
41	100		
39	23.8	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#



#43
Isopropyl Acetate
Concen: 0.723 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.094 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion:	43	Resp:	6917
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

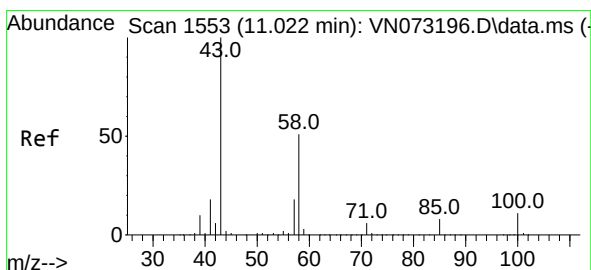
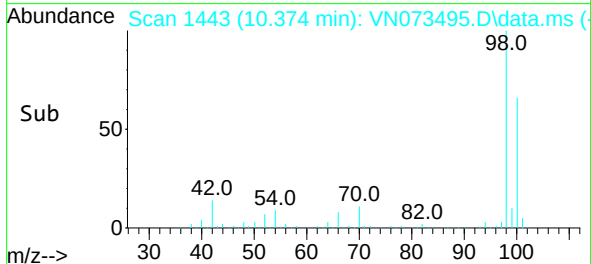
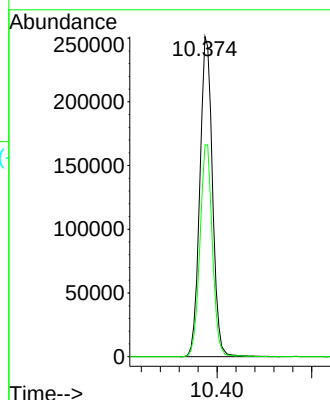
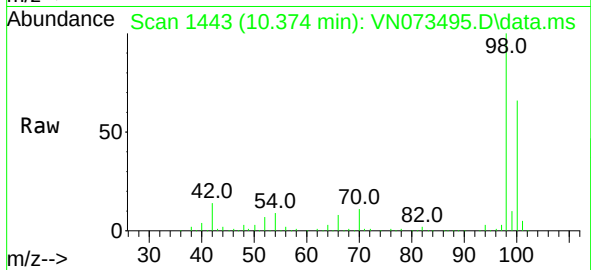




#50
Toluene-d8
Concen: 45.514 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

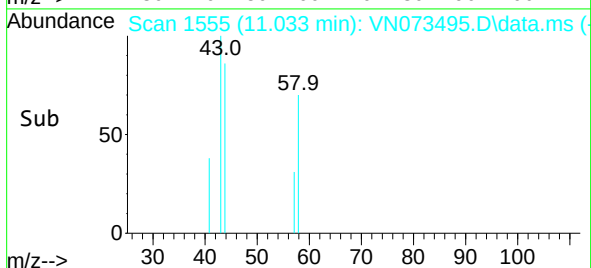
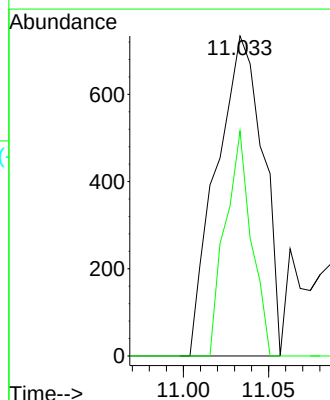
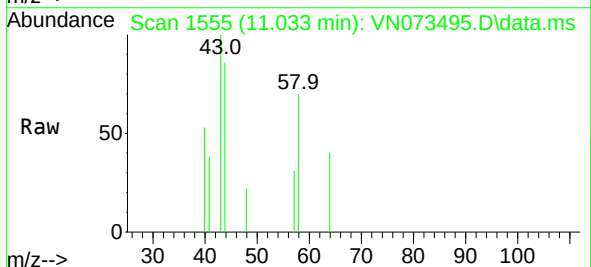
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

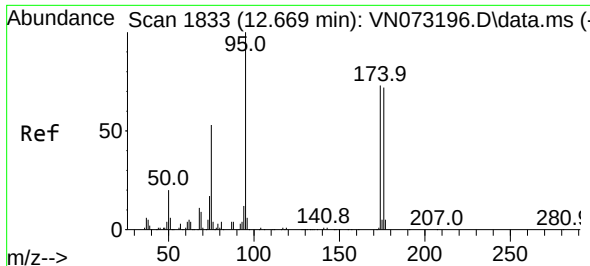
Tgt Ion: 98 Resp: 462900
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#59
2-Hexanone
Concen: 0.301 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.011 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
58 39.5 29.7 89.1

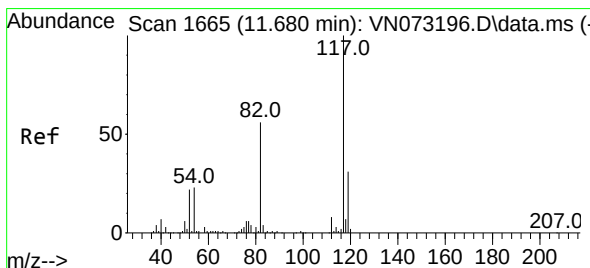
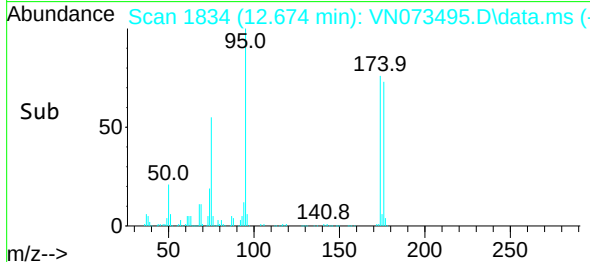
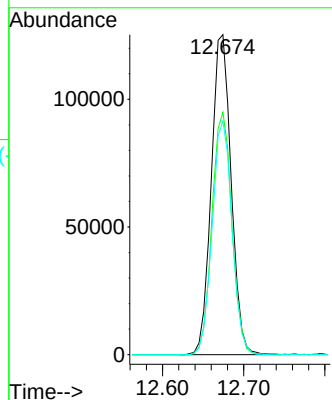
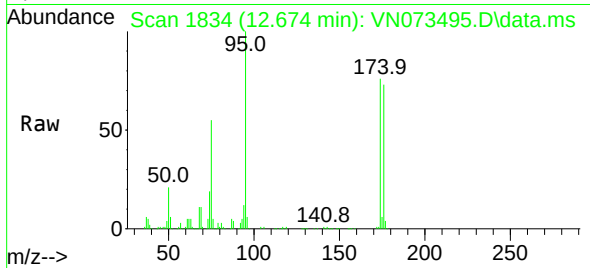




#62
4-Bromofluorobenzene
Concen: 54.405 ug/l
RT: 12.674 min Scan# 1833
Delta R.T. 0.005 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

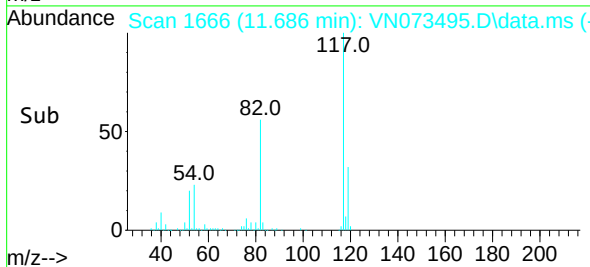
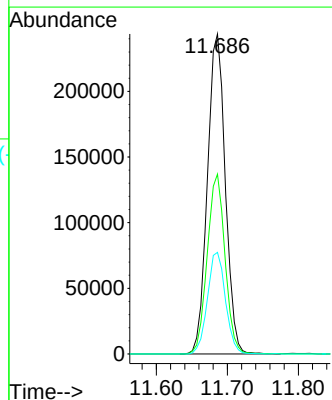
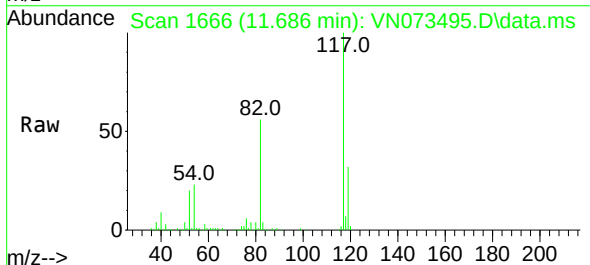
Instrument :
MSVOA_N
ClientSampleId :
PSC124019

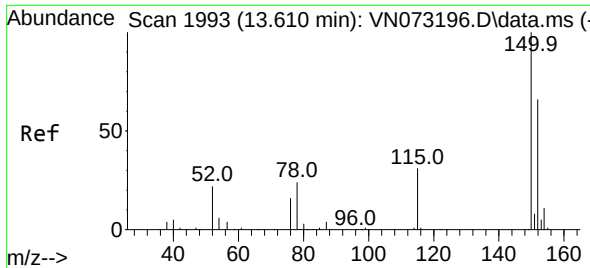
Tgt Ion: 95 Resp: 212644
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 72.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion: 117 Resp: 426581
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 31.8 25.4 38.0

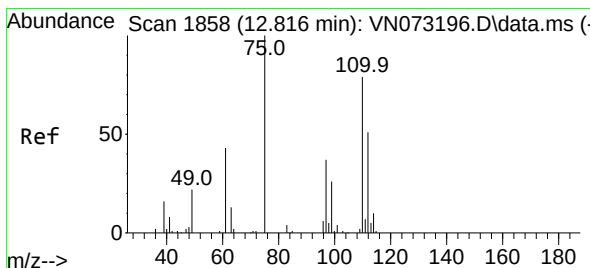
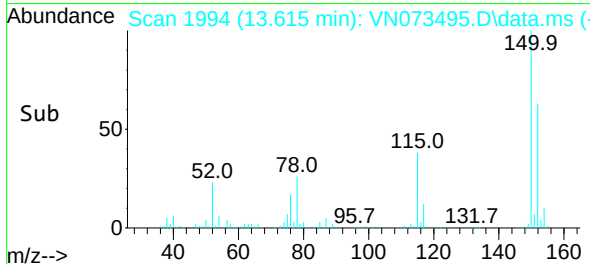
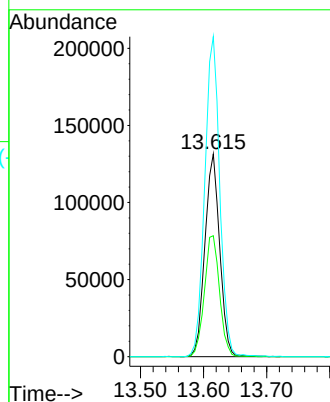
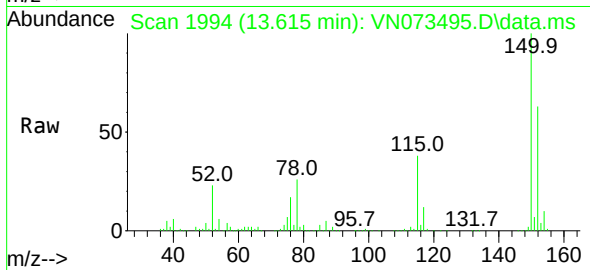




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.005 min
 Lab File: VN073495.D
 Acq: 18 Jul 2022 13:37

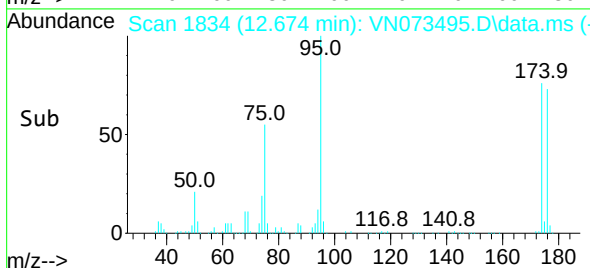
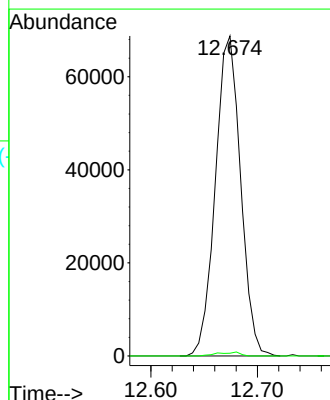
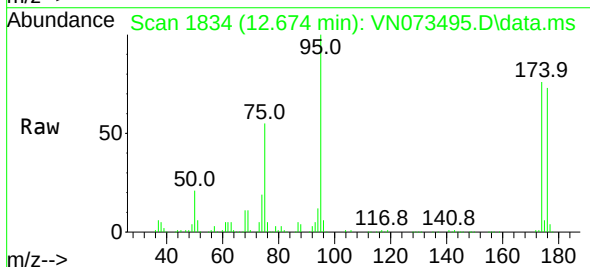
Instrument :
 MSVOA_N
 ClientSampleId :
 PSC124019

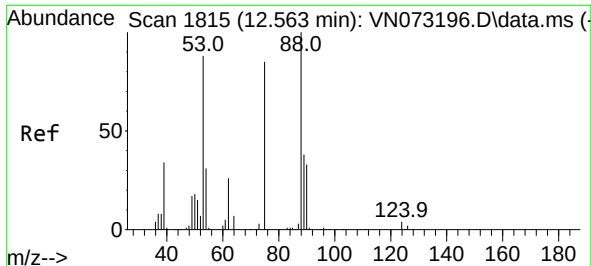
Tgt Ion:152 Resp: 214394
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.9 86.7
 150 160.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.150 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.142 min
 Lab File: VN073495.D
 Acq: 18 Jul 2022 13:37

Tgt Ion: 75 Resp: 112961
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

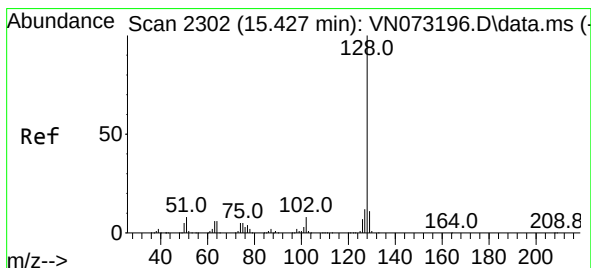
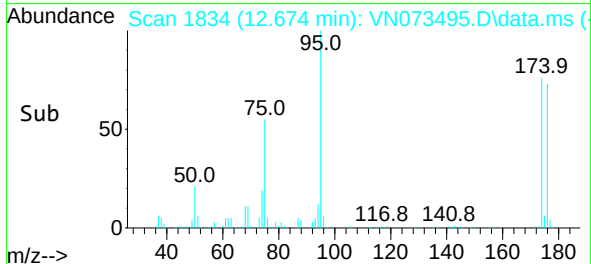
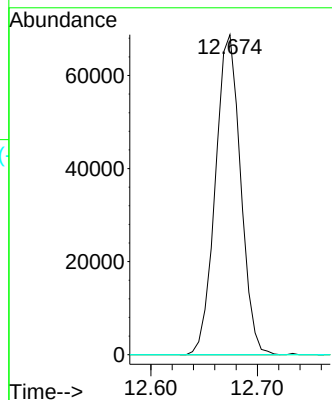
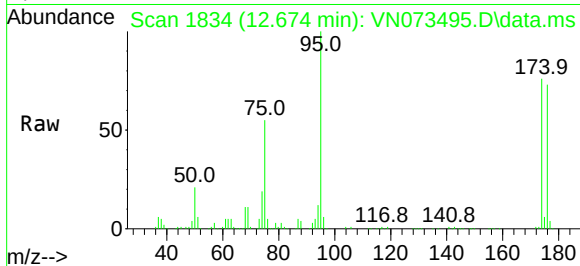




#81
trans-1,4-Dichloro-2-butene
Concen: 55.261 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Instrument :
MSVOA_N
ClientSampleId :
PSC124019

Tgt Ion: 75 Resp: 112961
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.304 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.012 min
Lab File: VN073495.D
Acq: 18 Jul 2022 13:37

Tgt Ion:128 Resp: 5015
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 0.0 8.6 13.0#

