

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073713.D
 Acq On : 03 Aug 2022 15:49
 Operator : JC\MD
 Sample : N3972-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-1

Quant Time: Aug 04 05:35:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

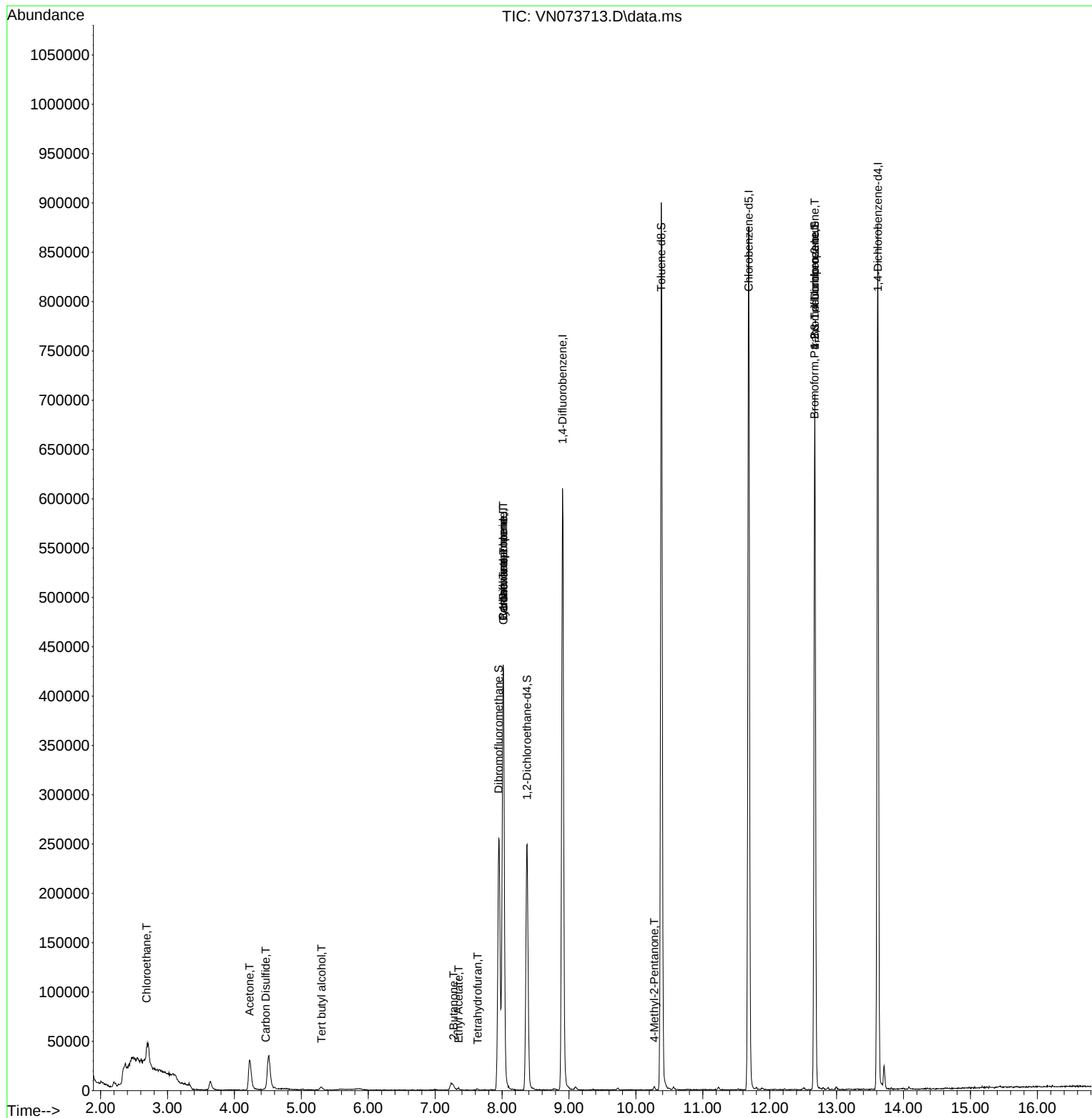
Internal Standards						
1) Pentafluorobenzene	8.016	168	344998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	557183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	524779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	240504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	206265	49.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	7.951	113	191246	54.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.320%
50) Toluene-d8	10.380	98	625866	45.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.674	95	227664	49.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	675	Below Cal	#	43
6) Chloroethane	2.687	64	16791	2.916	ug/l #	54
11) Tert butyl alcohol	5.304	59	5299	5.844	ug/l #	90
16) Acetone	4.228	43	58611	25.955	ug/l	99
17) Carbon Disulfide	4.469	76	2919	0.336	ug/l #	75
20) Methylene Chloride	5.016	84	489	Below Cal	#	68
25) 2-Butanone	7.275	43	6740	1.922	ug/l #	83
29) Tetrahydrofuran	7.634	42	614	0.277	ug/l #	50
31) Cyclohexane	8.022	56	10774	1.721	ug/l #	60
36) 1,1-Dichloropropene	8.016	75	25014	5.016	ug/l #	49
37) Ethyl Acetate	7.351	43	3247	0.494	ug/l #	71
38) Carbon Tetrachloride	8.016	117	31224	6.165	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	2393	0.376	ug/l #	83
71) Bromoform	12.669	173	1628	0.493	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	116505	24.820	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	116505	62.778	ug/l #	11

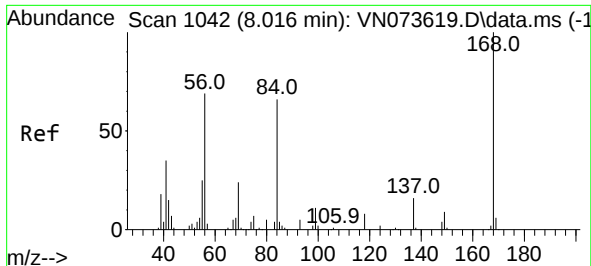
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
Data File : VN073713.D
Acq On : 03 Aug 2022 15:49
Operator : JC\MD
Sample : N3972-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPN-1

Quant Time: Aug 04 05:35:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

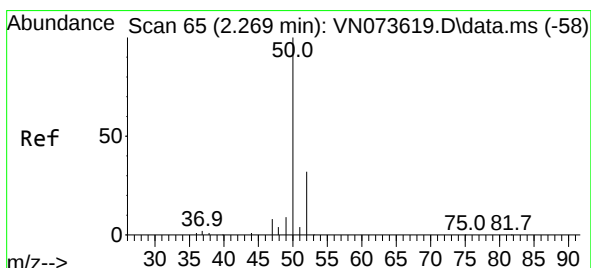
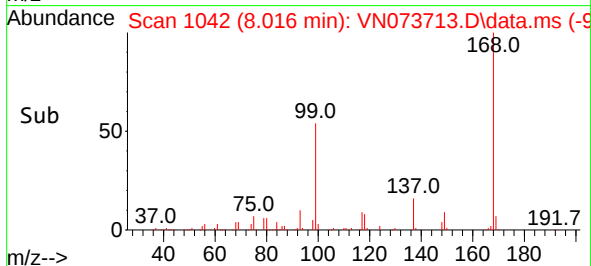
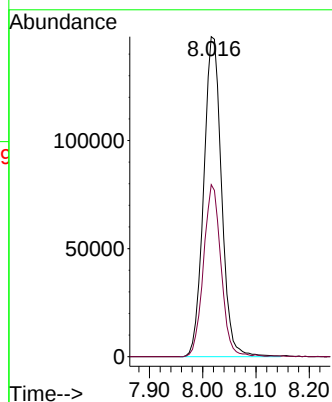
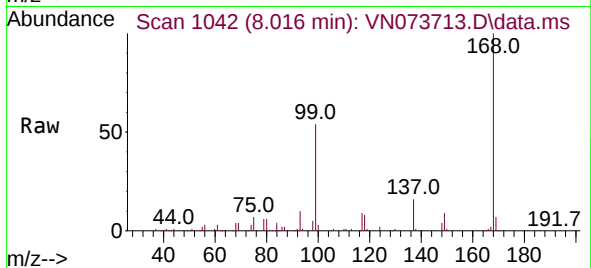




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

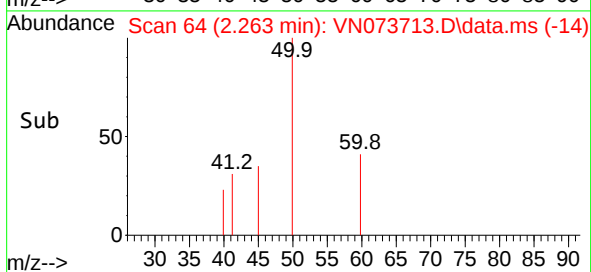
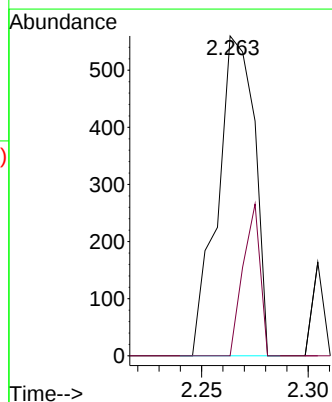
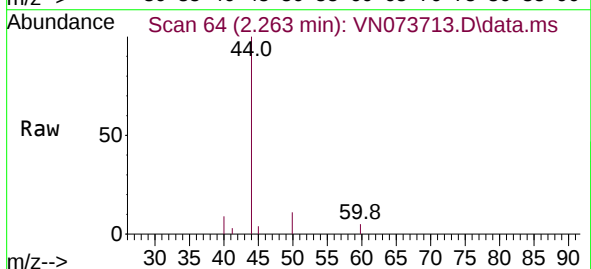
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

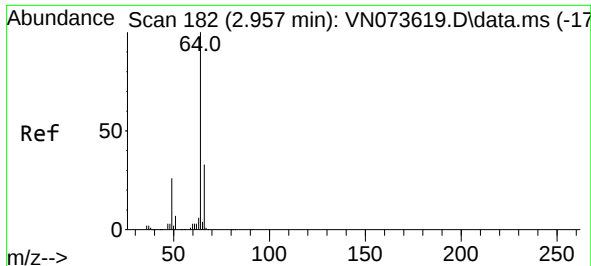
Tgt Ion:168 Resp: 344998
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 50 Resp: 675
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

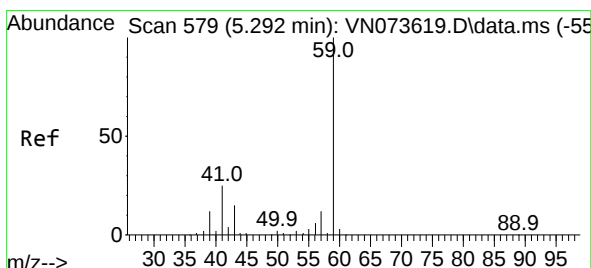
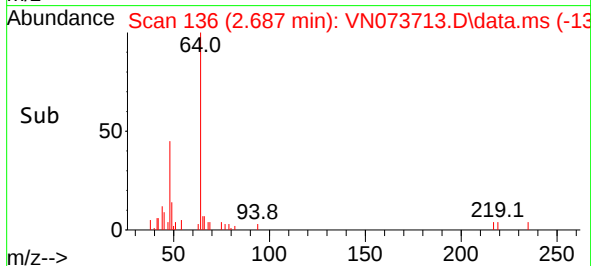
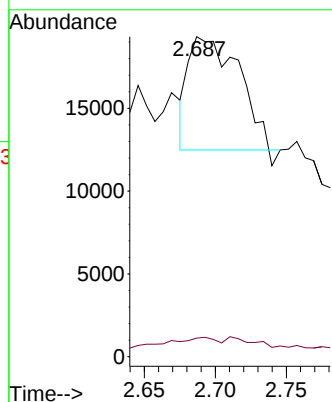
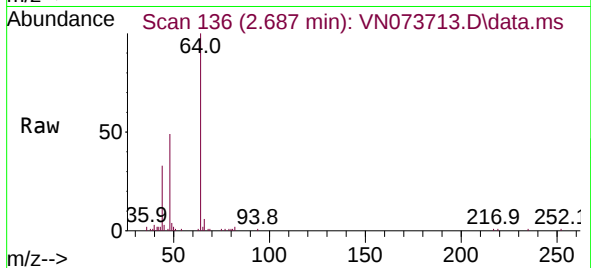




#6
Chloroethane
Concen: 2.916 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.270 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

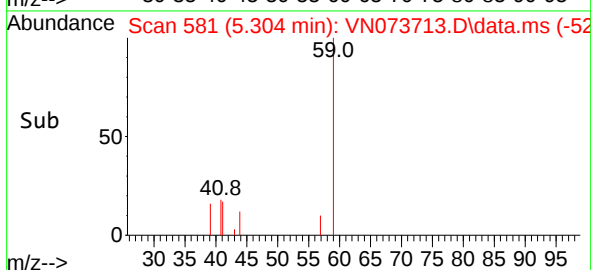
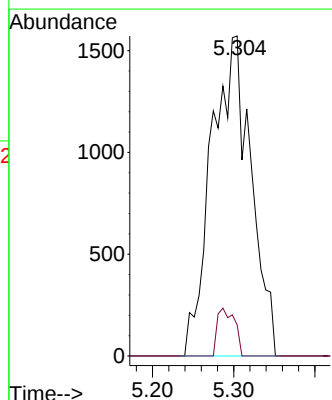
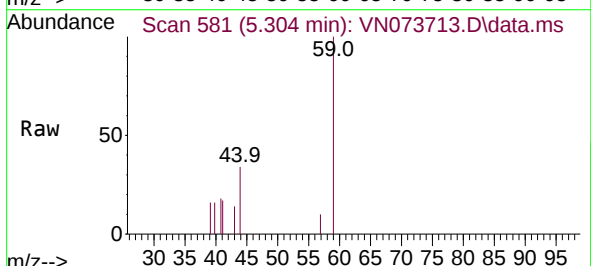
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

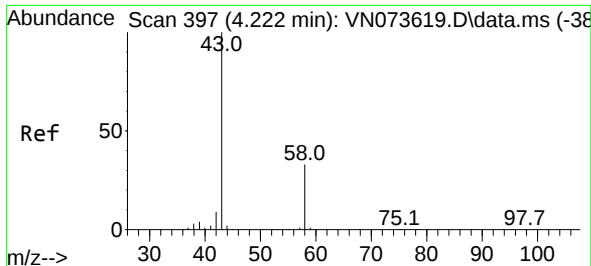
Tgt Ion: 64 Resp: 16791
Ion Ratio Lower Upper
64 100
66 7.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 5.844 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.012 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 59 Resp: 5299
Ion Ratio Lower Upper
59 100
57 6.6 8.3 12.5#





#16

Acetone

Concen: 25.955 ug/l

RT: 4.228 min Scan# 397

Delta R.T. 0.006 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

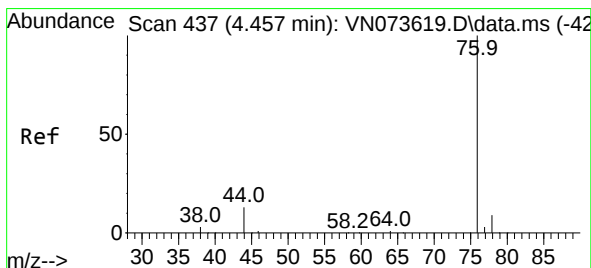
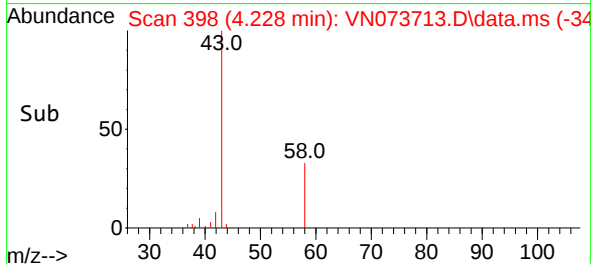
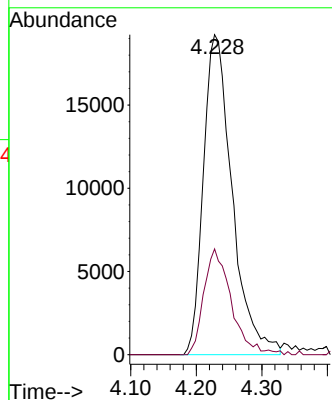
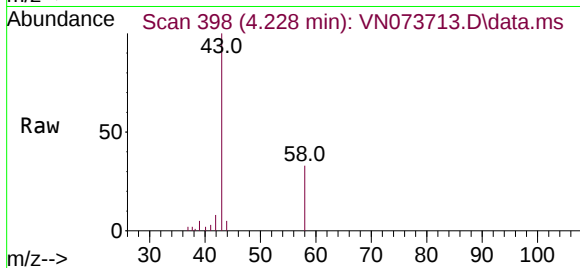
SPN-1

Tgt Ion: 43 Resp: 58611

Ion Ratio Lower Upper

43 100

58 33.1 26.0 39.0



#17

Carbon Disulfide

Concen: 0.336 ug/l

RT: 4.469 min Scan# 439

Delta R.T. 0.012 min

Lab File: VN073713.D

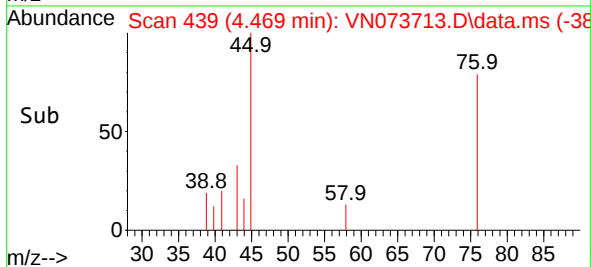
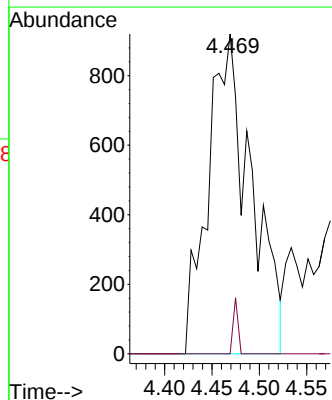
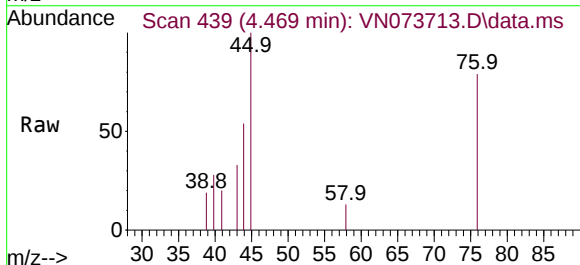
Acq: 03 Aug 2022 15:49

Tgt Ion: 76 Resp: 2919

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

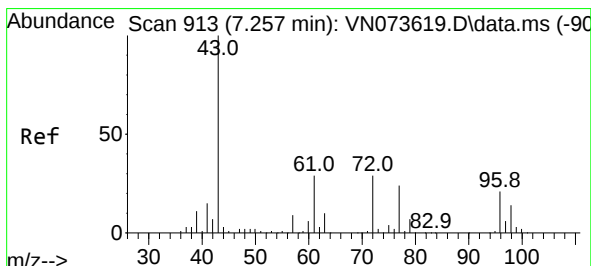
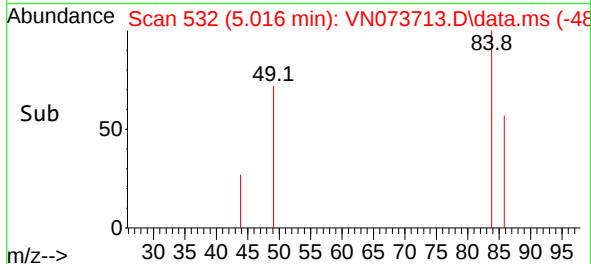
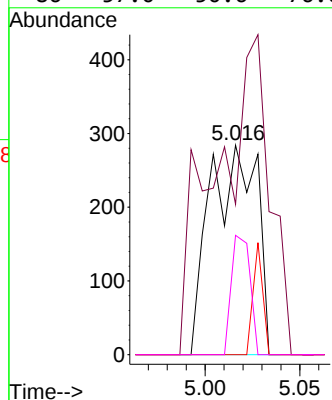
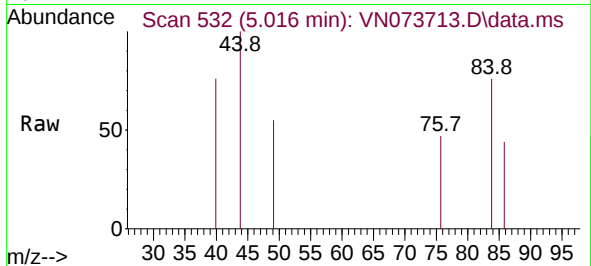




#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

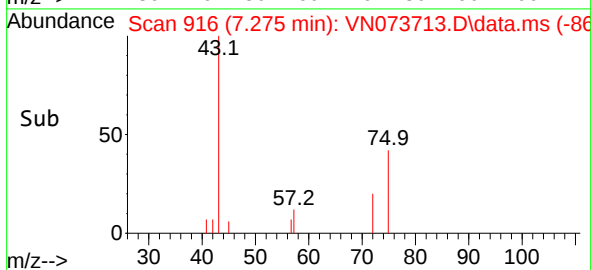
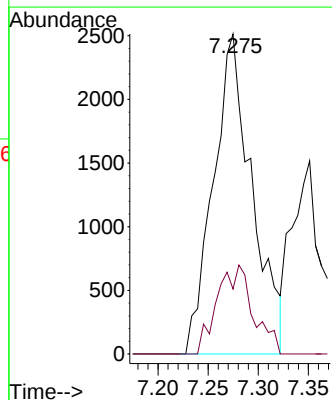
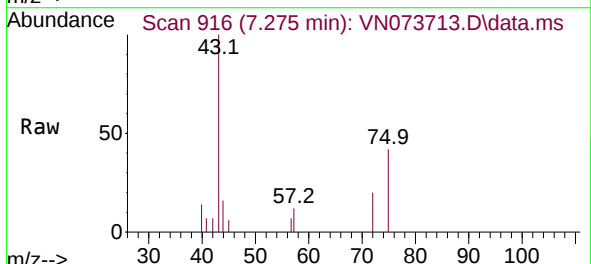
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

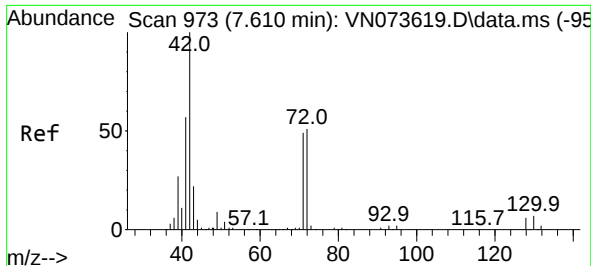
Tgt Ion: 84 Resp: 489
Ion Ratio Lower Upper
84 100
49 71.8 88.3 132.5#
51 0.0 28.2 42.2#
86 57.0 50.6 76.0



#25
2-Butanone
Concen: 1.922 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 43 Resp: 6740
Ion Ratio Lower Upper
43 100
72 20.3 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

SPN-1

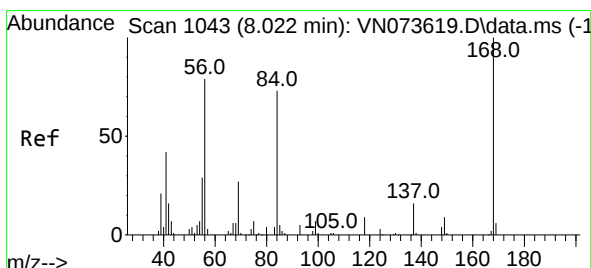
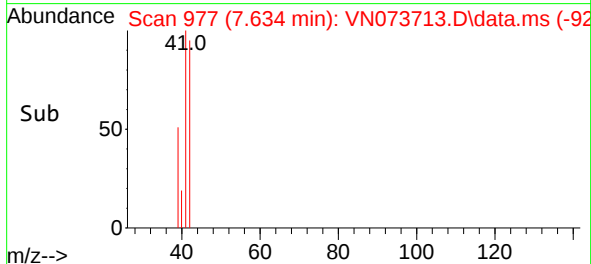
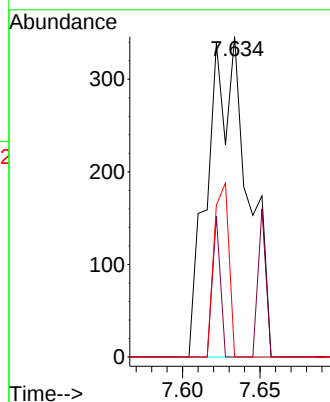
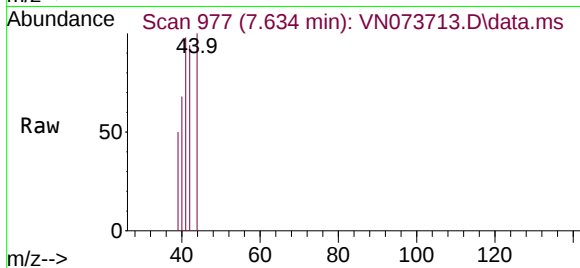
Tgt Ion: 42 Resp: 614

Ion Ratio Lower Upper

42 100

72 8.8 39.7 59.5#

71 20.2 36.6 55.0#



#31

Cyclohexane

Concen: 1.721 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

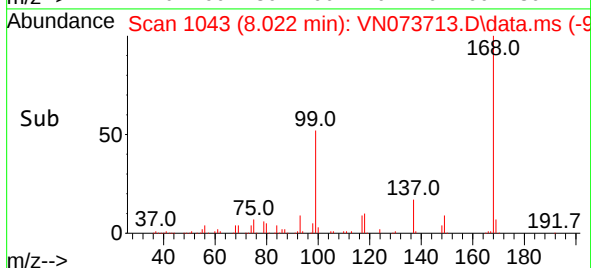
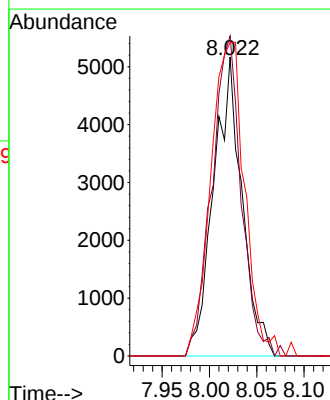
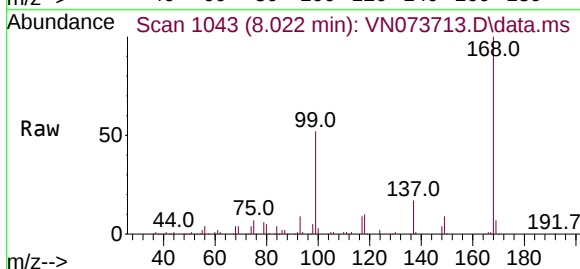
Tgt Ion: 56 Resp: 10774

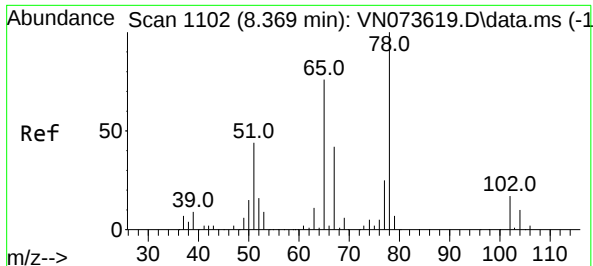
Ion Ratio Lower Upper

56 100

69 107.0 27.8 41.8#

84 104.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 49.060 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

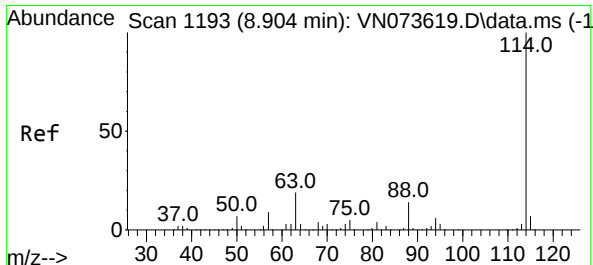
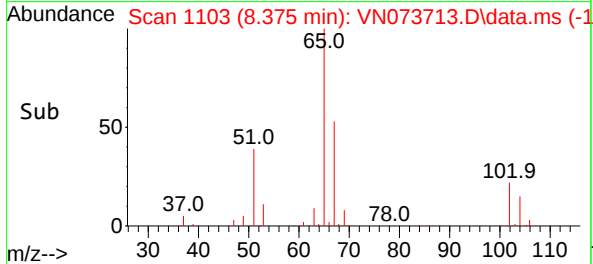
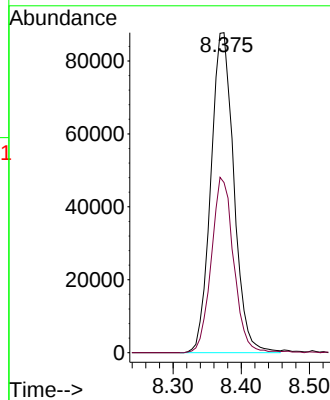
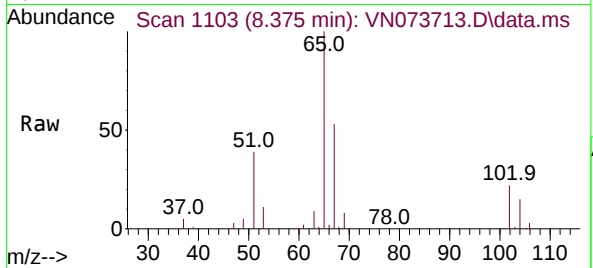
SPN-1

Tgt Ion: 65 Resp: 206265

Ion Ratio Lower Upper

65 100

67 53.4 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: VN073713.D

Acq: 03 Aug 2022 15:49

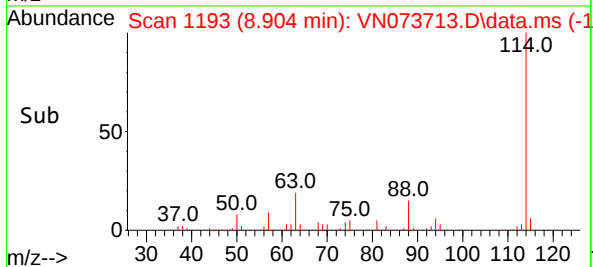
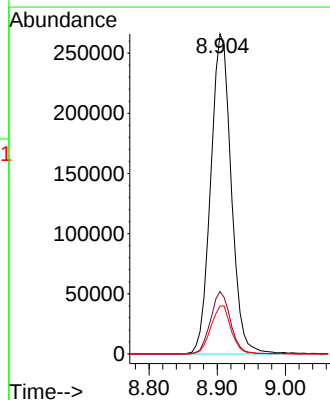
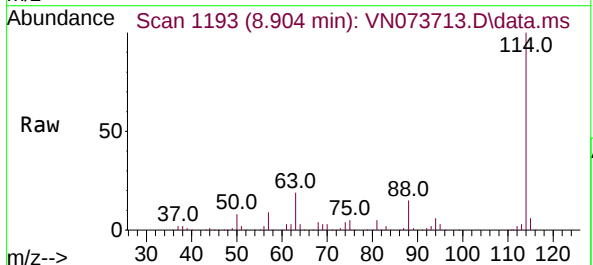
Tgt Ion: 114 Resp: 557183

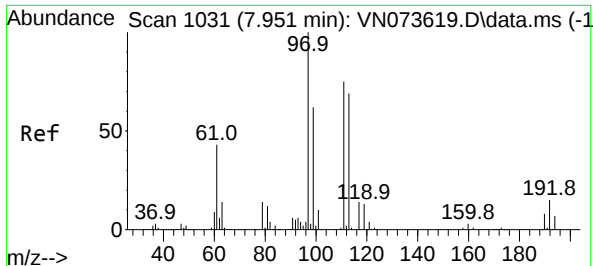
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.661 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

SPN-1

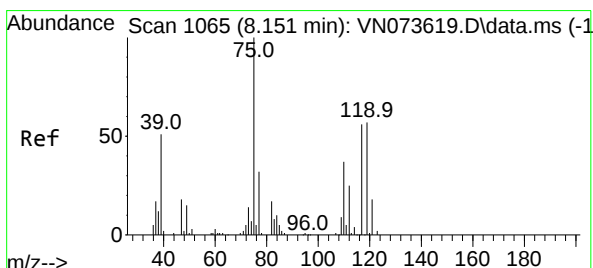
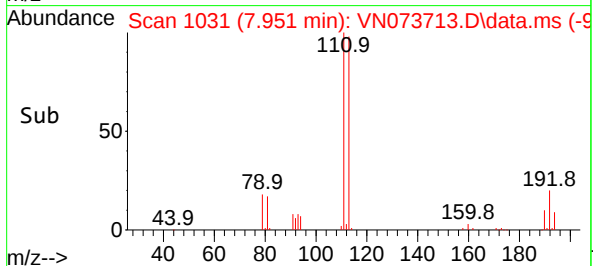
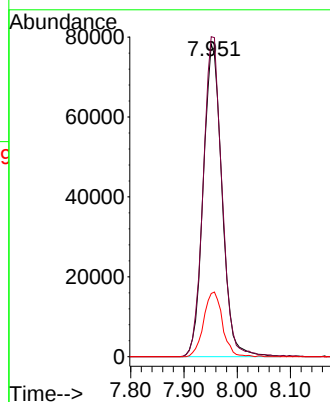
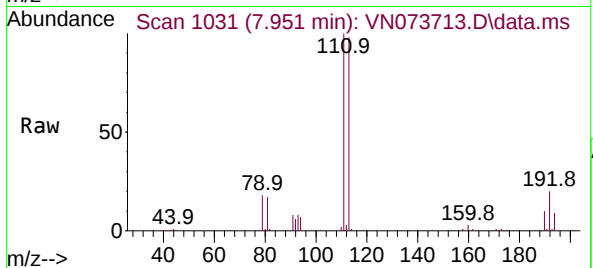
Tgt Ion:113 Resp: 191246

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 20.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

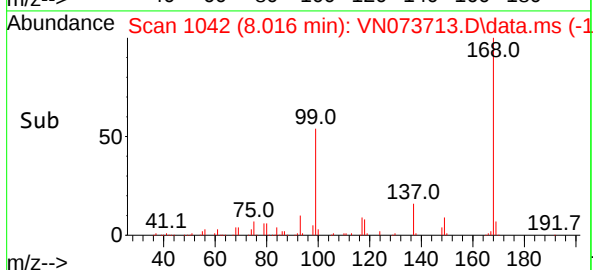
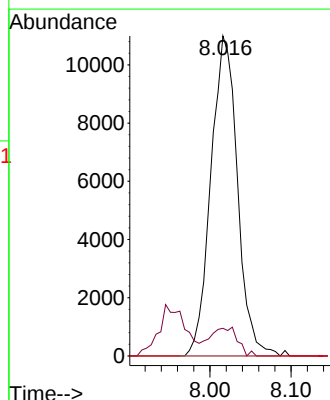
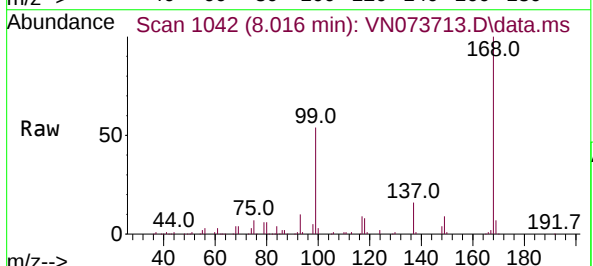
Tgt Ion: 75 Resp: 25014

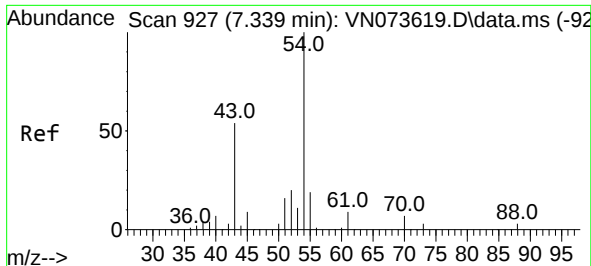
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#

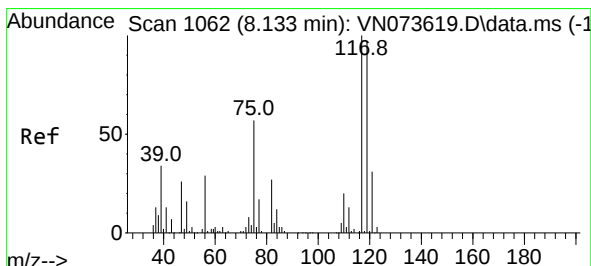
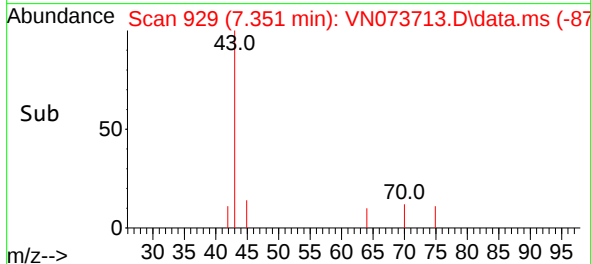
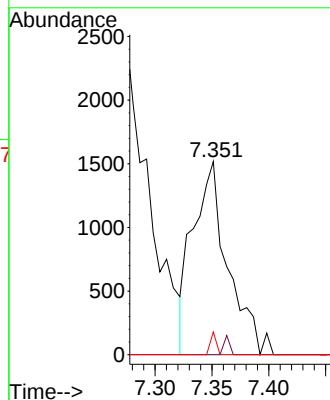
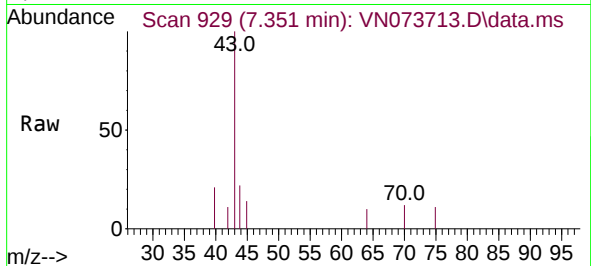




#37
Ethyl Acetate
Concen: 0.494 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

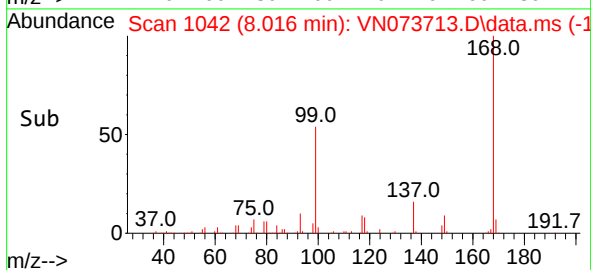
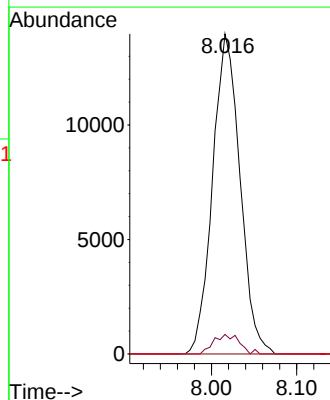
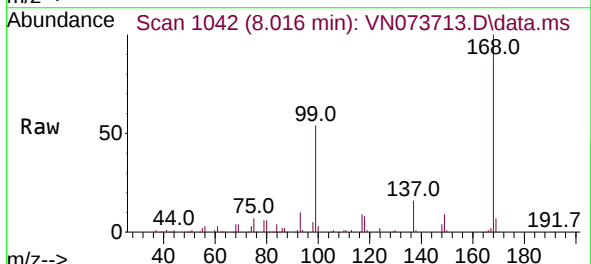
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

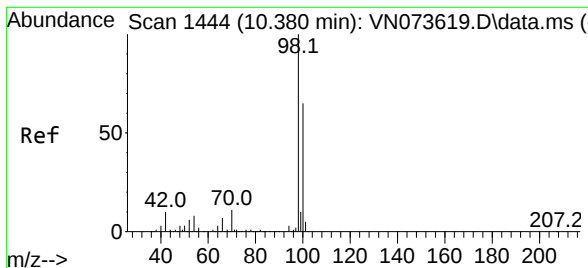
Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
61 1.6 11.8 17.6#
70 1.9 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 117 Resp: 31224
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#

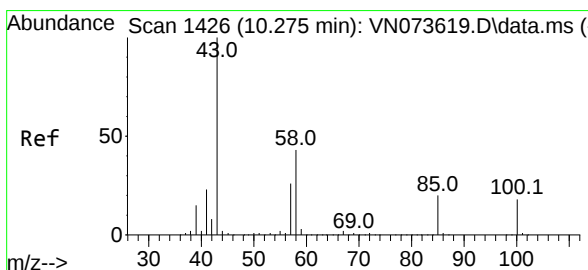
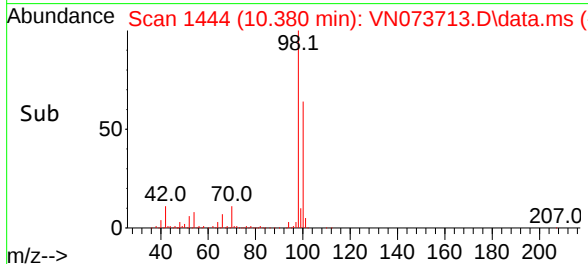
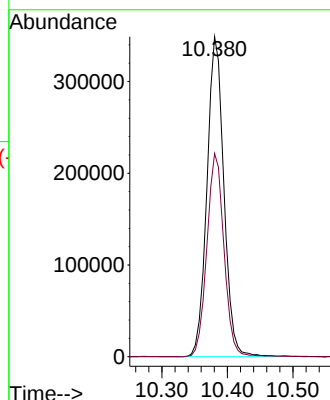
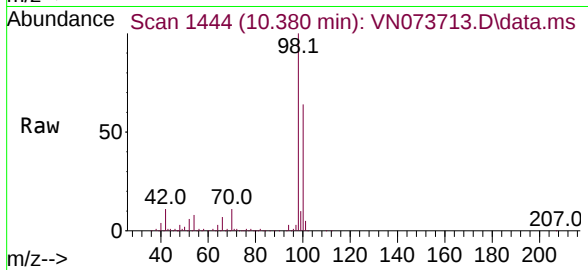




#50
Toluene-d8
Concen: 45.458 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

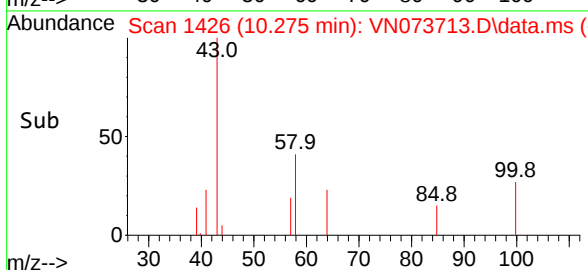
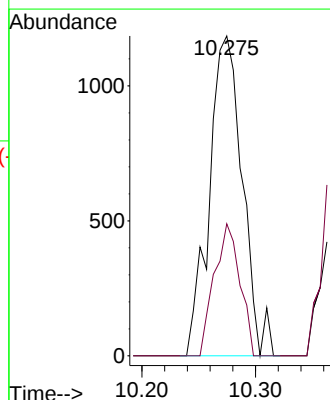
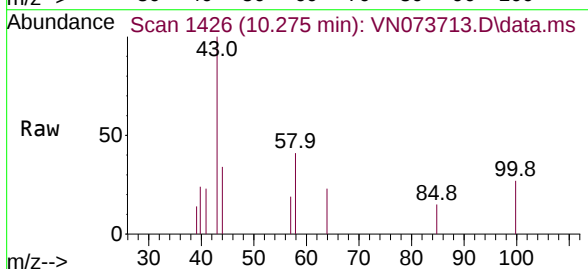
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

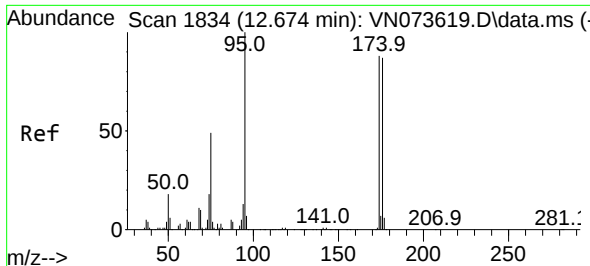
Tgt Ion: 98 Resp: 625866
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.376 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 43 Resp: 2393
Ion Ratio Lower Upper
43 100
58 31.9 34.1 51.1#

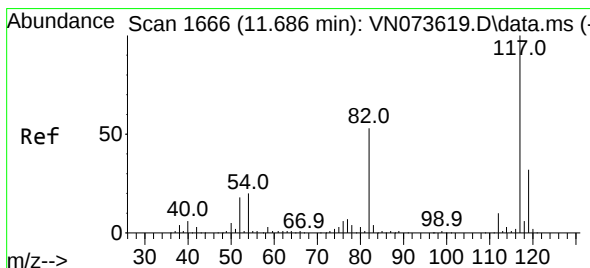
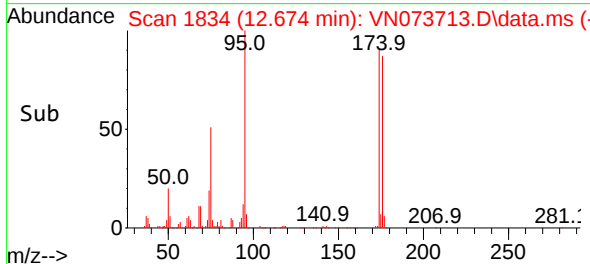
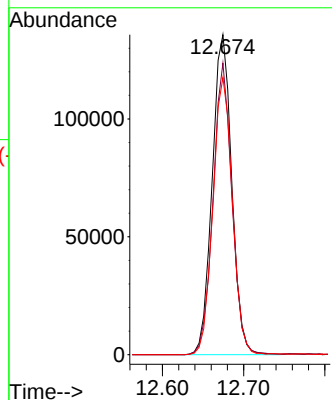
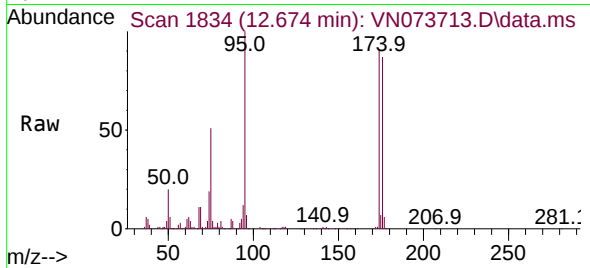




#62
4-Bromofluorobenzene
Concen: 49.575 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

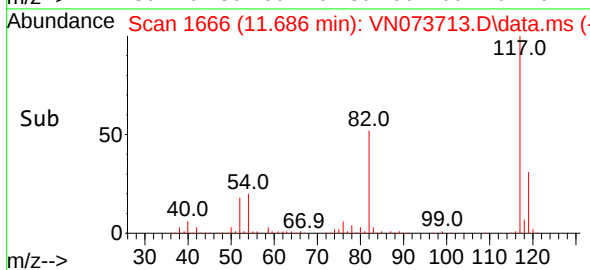
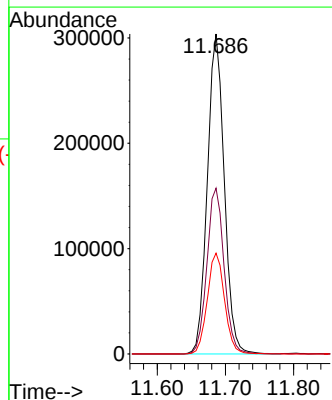
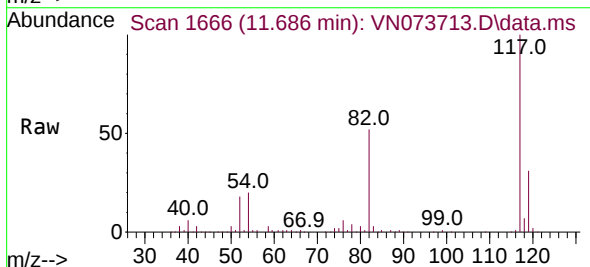
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

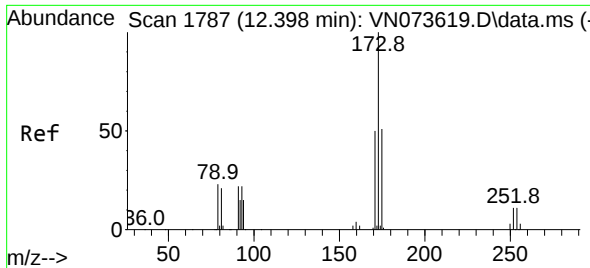
Tgt Ion: 95 Resp: 227664
Ion Ratio Lower Upper
95 100
174 87.8 0.0 167.6
176 86.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 117 Resp: 524779
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.5 25.4 38.0

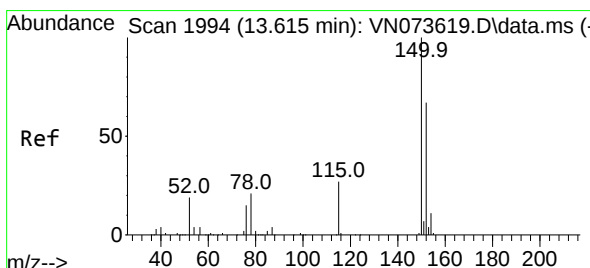
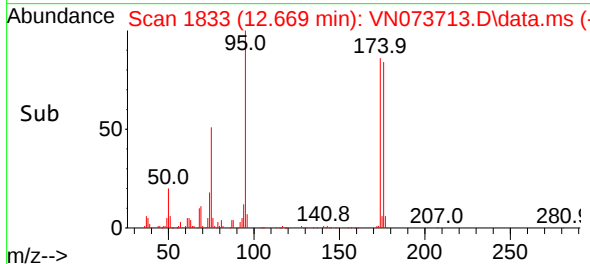
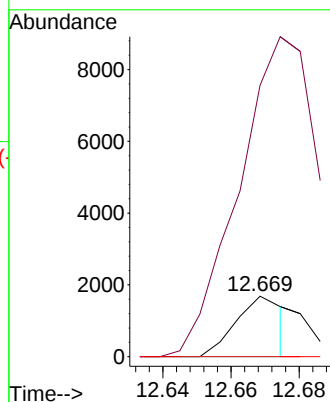
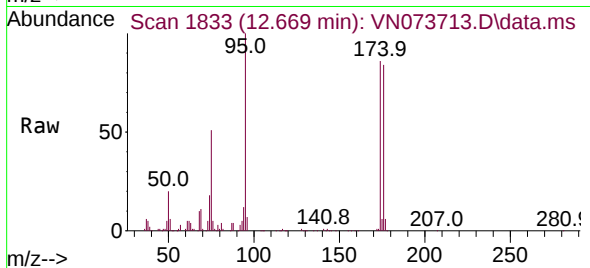




#71
Bromoform
Concen: 0.493 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

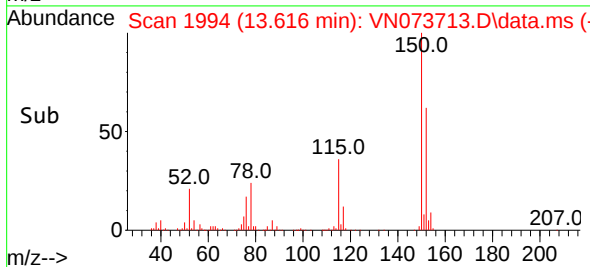
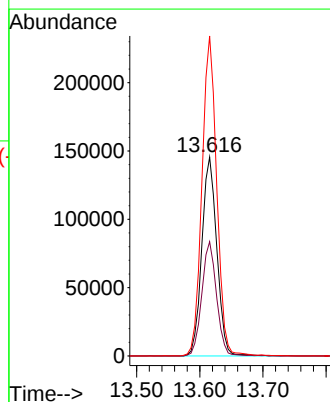
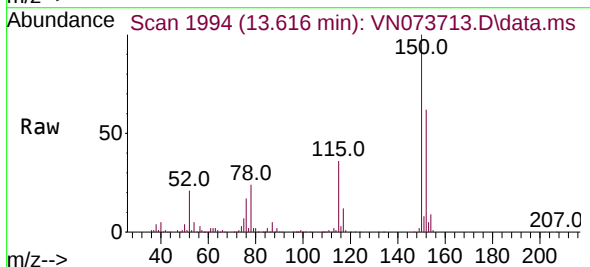
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

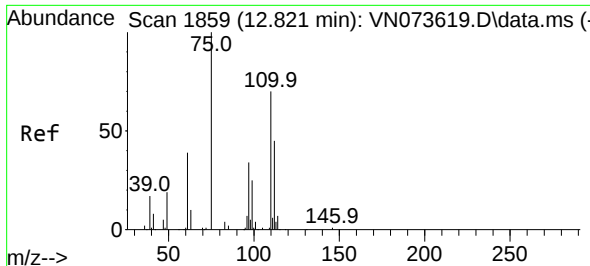
Tgt Ion:173 Resp: 1628
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion:152 Resp: 240504
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 158.0 0.0 356.2

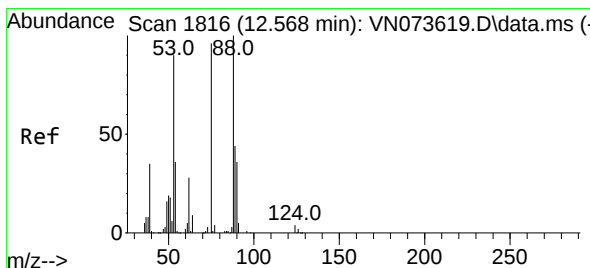
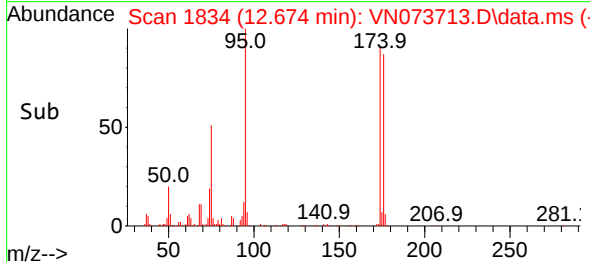
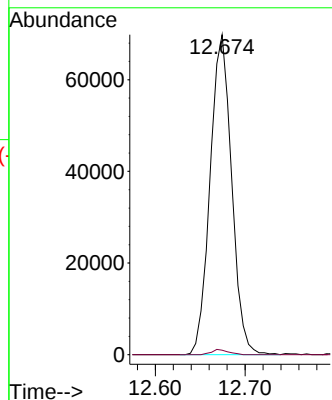
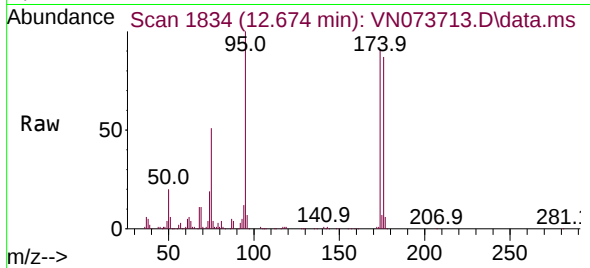




#76
1,2,3-Trichloropropane
Concen: 24.820 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
SPN-1

Tgt Ion: 75 Resp: 116505
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.778 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 75 Resp: 116505
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#

