

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083479.D
 Acq On : 26 Aug 2024 13:43
 Operator : JC\MD
 Sample : P3715-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA-240821073-02

Quant Time: Aug 27 01:55:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

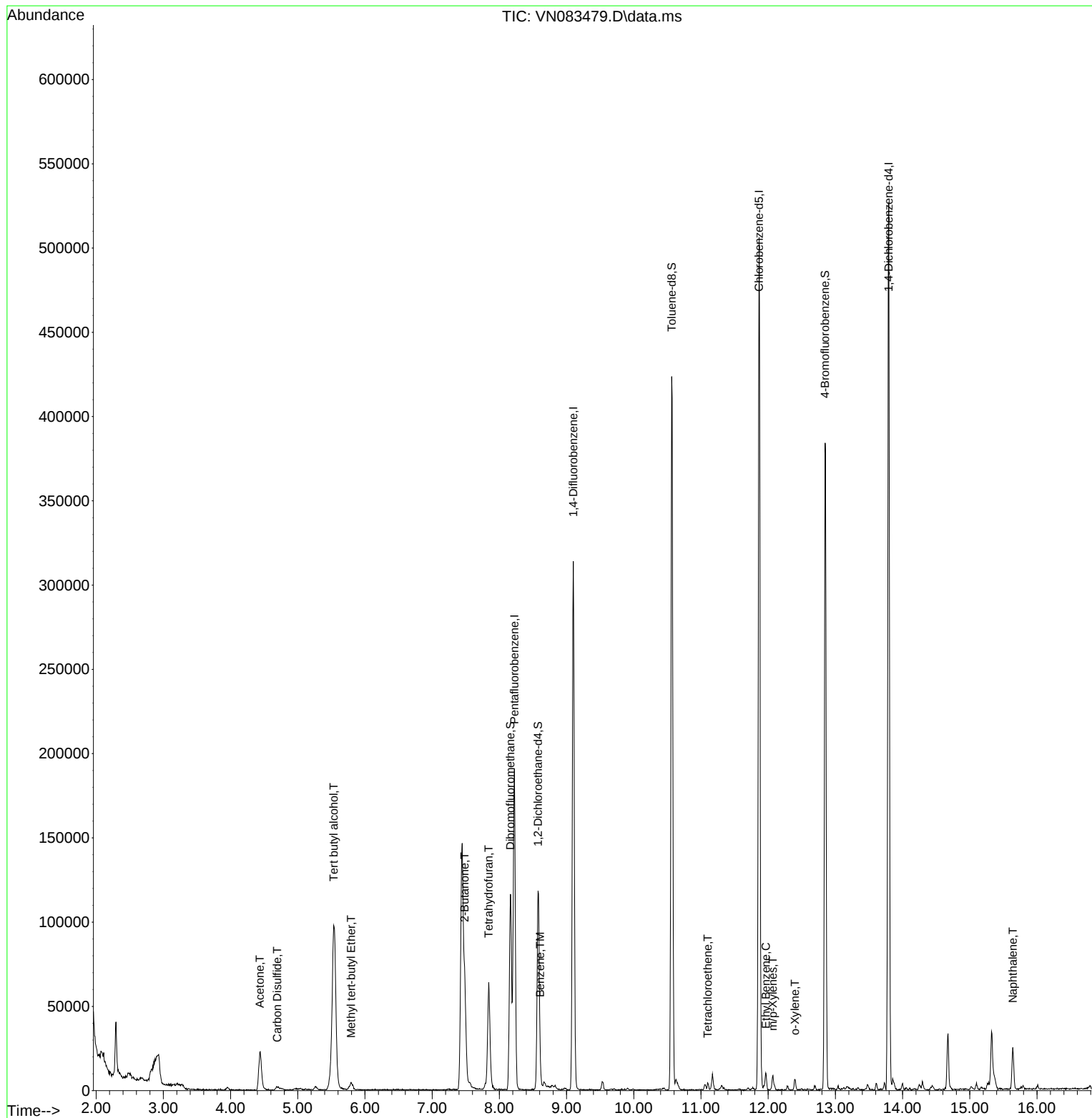
Internal Standards						
1) Pentafluorobenzene	8.224	168	127912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	102638	56.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.740%	
35) Dibromofluoromethane	8.165	113	82673	51.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.160%	
50) Toluene-d8	10.565	98	292799	48.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.960%	
62) 4-Bromofluorobenzene	12.847	95	134250	57.600	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.535	59	201269	531.934	ug/l	98
16) Acetone	4.436	43	28874	40.529	ug/l	95
17) Carbon Disulfide	4.694	76	4819	1.162	ug/l #	90
19) Methyl tert-butyl Ether	5.794	73	6744	1.318	ug/l #	84
25) 2-Butanone	7.482	43	94840	86.698	ug/l	93
29) Tetrahydrofuran	7.841	42	48699	68.867	ug/l	91
40) Benzene	8.606	78	6483	0.898	ug/l	100
64) Tetrachloroethene	11.100	164	763	0.417	ug/l #	76
67) Ethyl Benzene	11.964	91	6943	0.619	ug/l	94
68) m/p-Xylenes	12.070	106	2668	0.635	ug/l	88
69) o-Xylene	12.400	106	1843	0.445	ug/l	95
95) Naphthalene	15.641	128	23226	2.532	ug/l	98

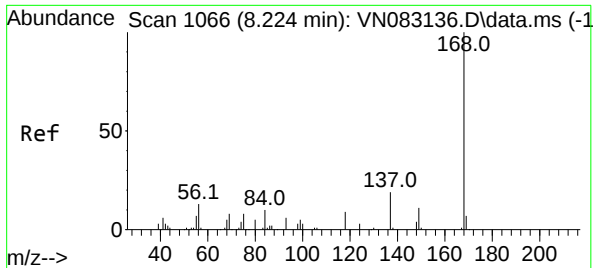
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
Data File : VN083479.D
Acq On : 26 Aug 2024 13:43
Operator : JC\MD
Sample : P3715-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

Quant Time: Aug 27 01:55:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

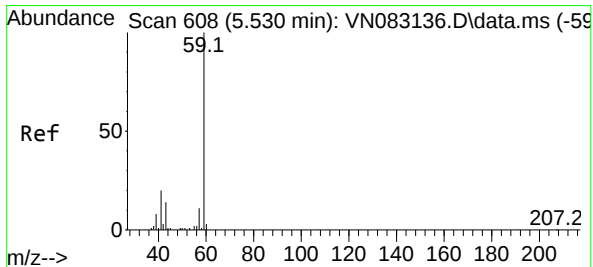
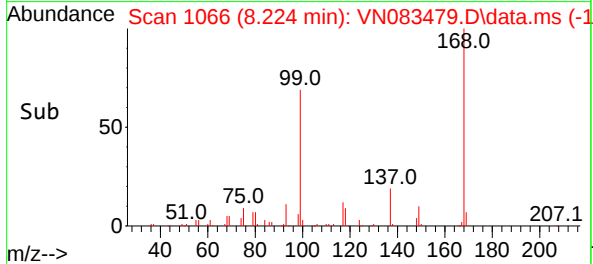
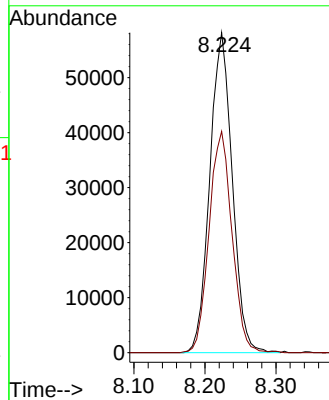
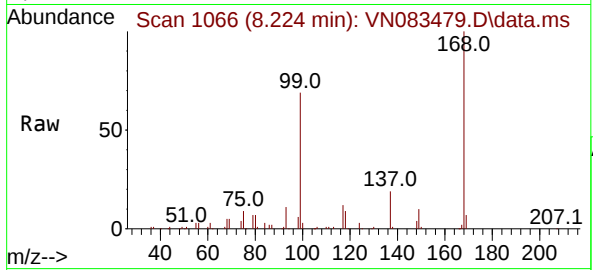




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

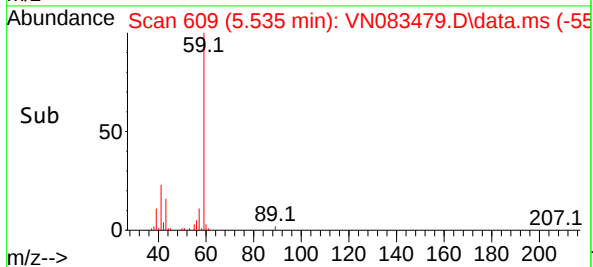
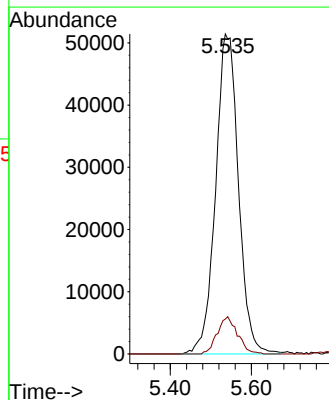
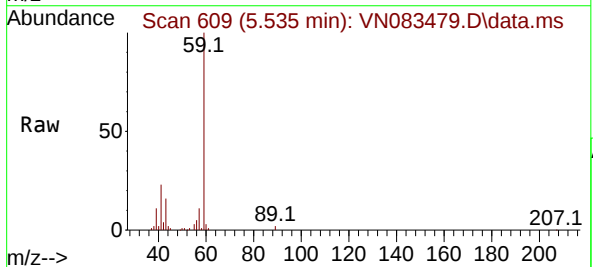
Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

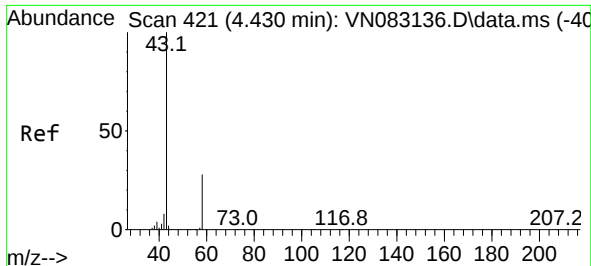
Tgt Ion:168 Resp: 127912
Ion Ratio Lower Upper
168 100
99 69.2 48.2 72.4



#11
Tert butyl alcohol
Concen: 531.934 ug/l
RT: 5.535 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

Tgt Ion: 59 Resp: 201269
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3





#16

Acetone

Concen: 40.529 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083479.D

Acq: 26 Aug 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

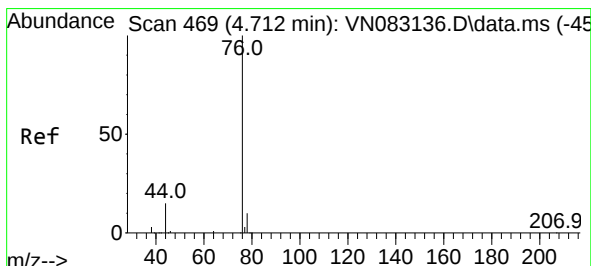
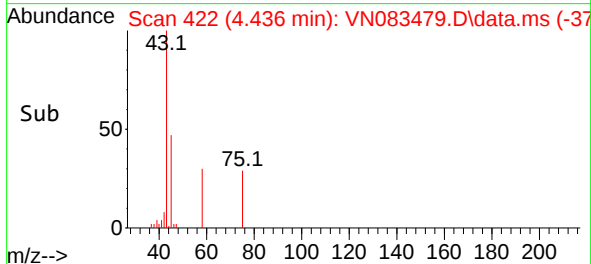
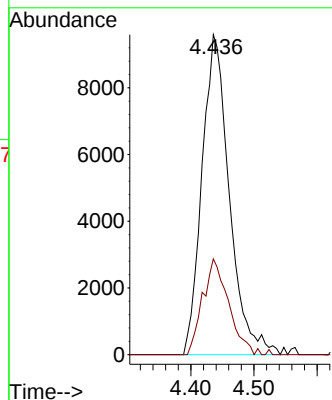
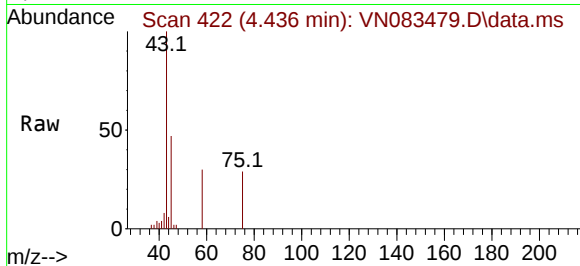
VOA-240821073-02

Tgt Ion: 43 Resp: 28874

Ion Ratio Lower Upper

43 100

58 30.0 21.8 32.6



#17

Carbon Disulfide

Concen: 1.162 ug/l

RT: 4.694 min Scan# 466

Delta R.T. -0.018 min

Lab File: VN083479.D

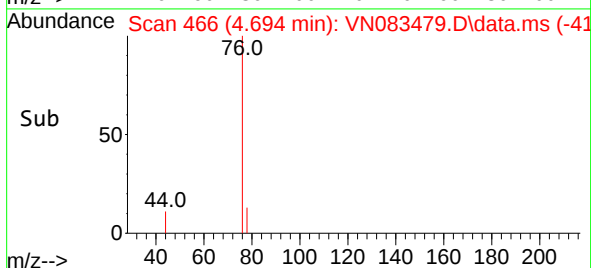
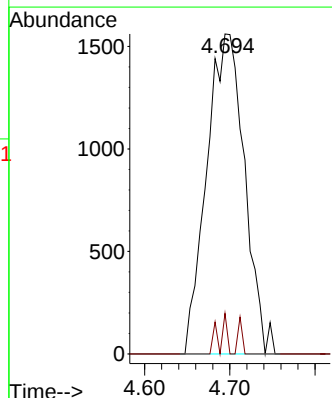
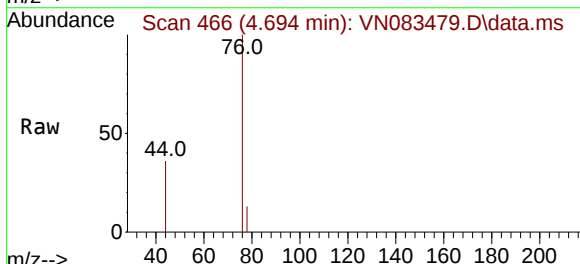
Acq: 26 Aug 2024 13:43

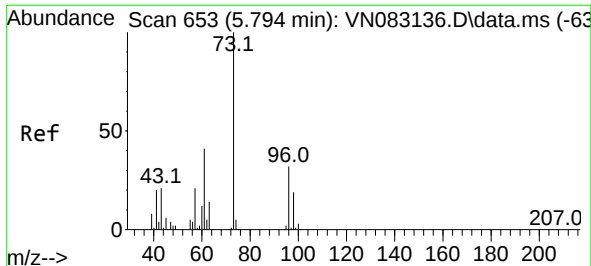
Tgt Ion: 76 Resp: 4819

Ion Ratio Lower Upper

76 100

78 12.7 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 1.318 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN083479.D

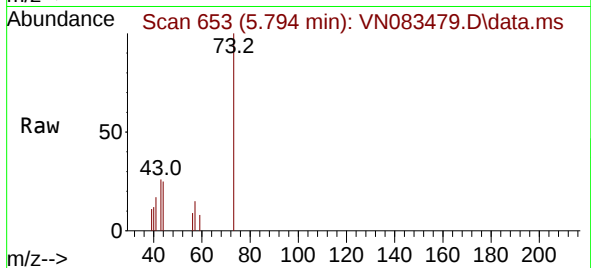
Acq: 26 Aug 2024 13:43

Instrument :

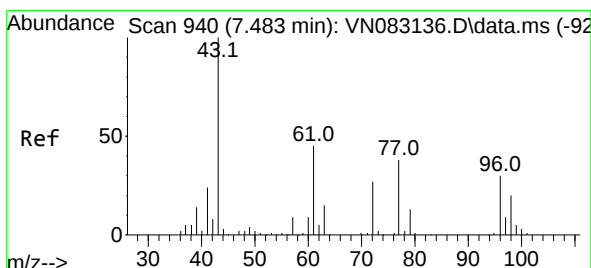
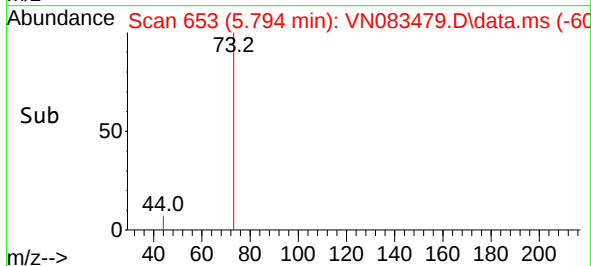
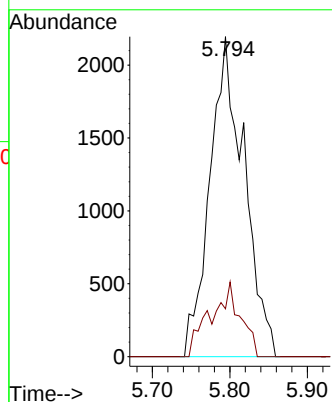
MSVOA_N

ClientSampleId :

VOA-240821073-02



Tgt Ion:	73	Resp:	6744
Ion	Ratio	Lower	Upper
73	100		
57	14.9	17.9	26.9#



#25

2-Butanone

Concen: 86.698 ug/l

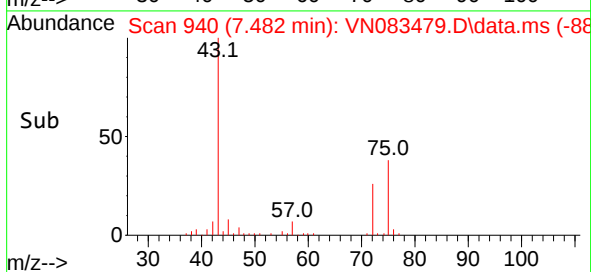
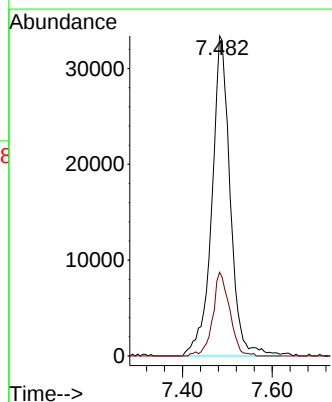
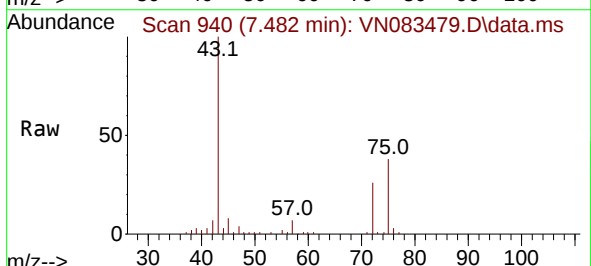
RT: 7.482 min Scan# 940

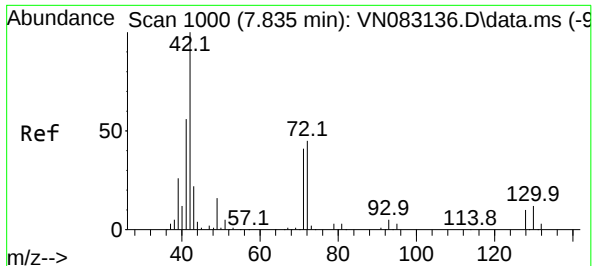
Delta R.T. -0.000 min

Lab File: VN083479.D

Acq: 26 Aug 2024 13:43

Tgt Ion:	43	Resp:	94840
Ion	Ratio	Lower	Upper
43	100		
72	26.1	18.2	27.2





#29

Tetrahydrofuran

Concen: 68.867 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083479.D

Acq: 26 Aug 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

VOA-240821073-02

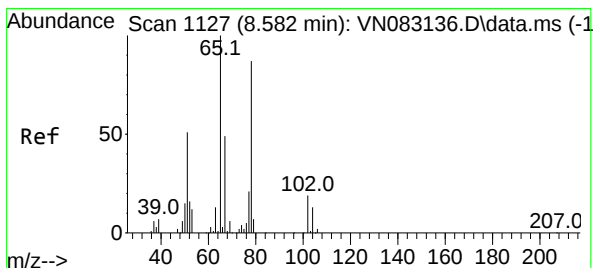
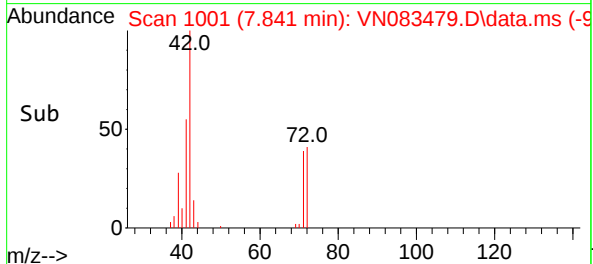
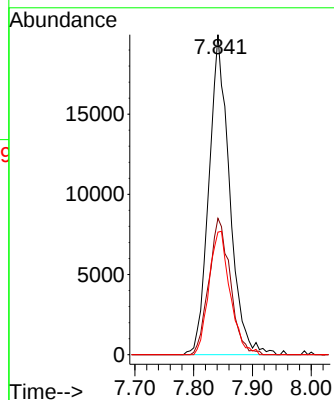
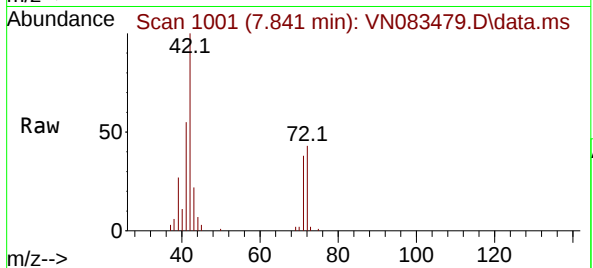
Tgt Ion: 42 Resp: 48699

Ion Ratio Lower Upper

42 100

72 44.0 30.0 45.0

71 39.4 28.3 42.5



#33

1,2-Dichloroethane-d4

Concen: 56.373 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083479.D

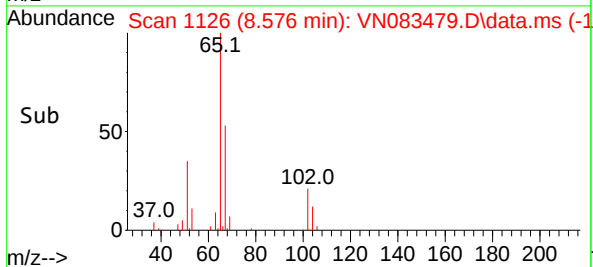
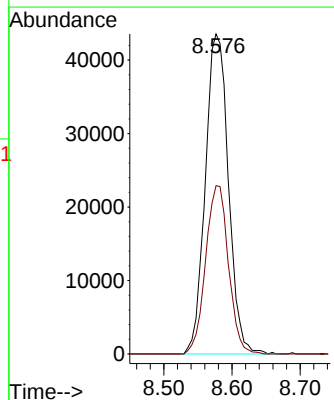
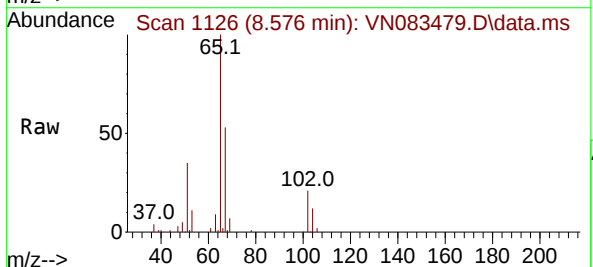
Acq: 26 Aug 2024 13:43

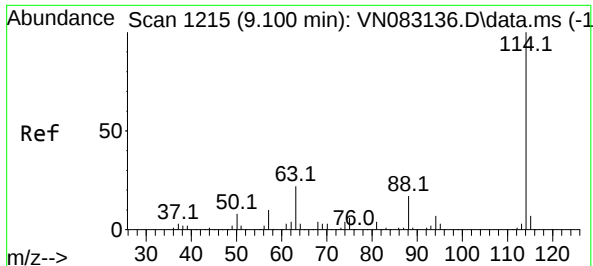
Tgt Ion: 65 Resp: 102638

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4

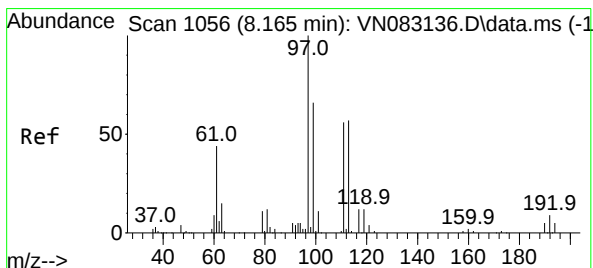
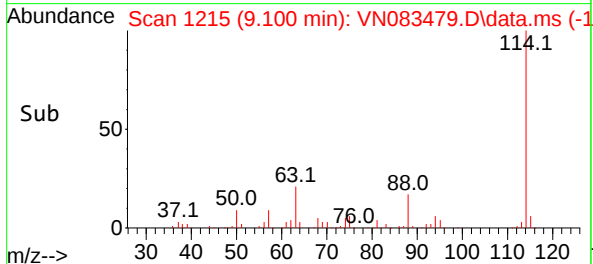
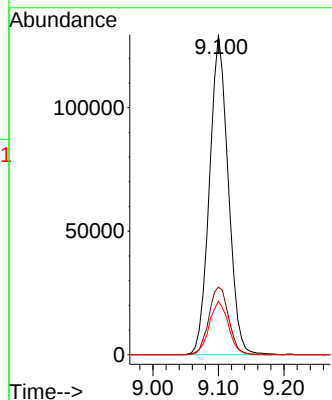
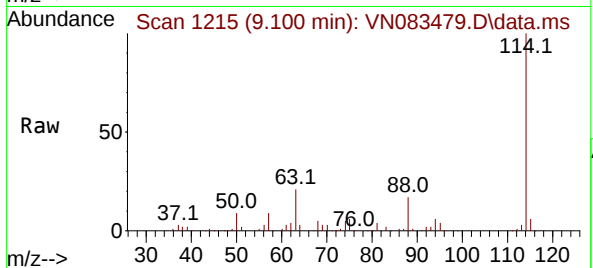




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

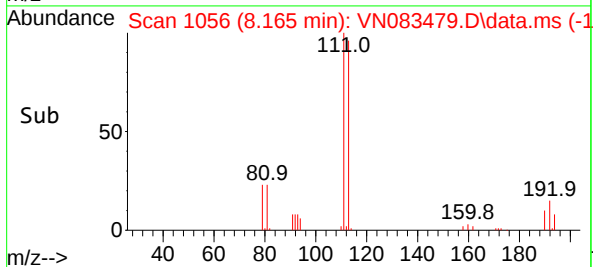
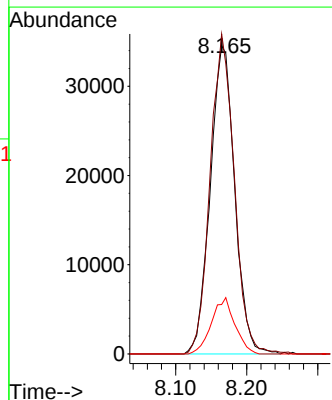
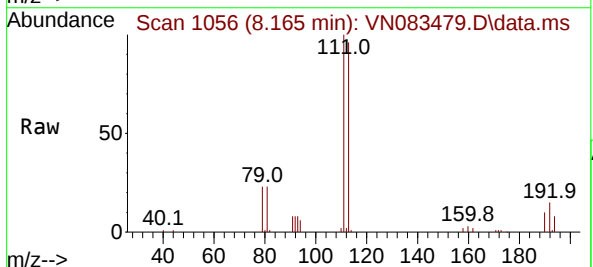
Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

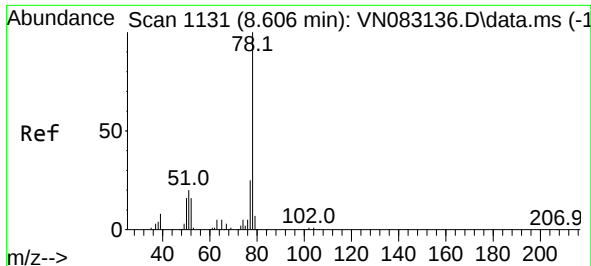
Tgt Ion:114 Resp: 256769
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 16.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.584 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

Tgt Ion:113 Resp: 82673
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 17.5 14.9 22.3

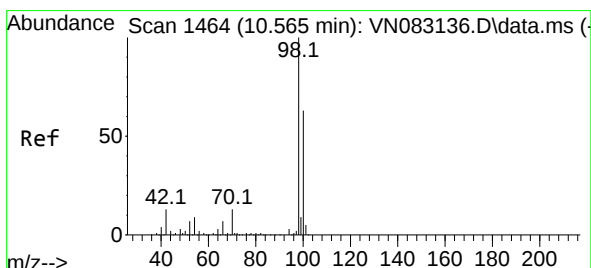
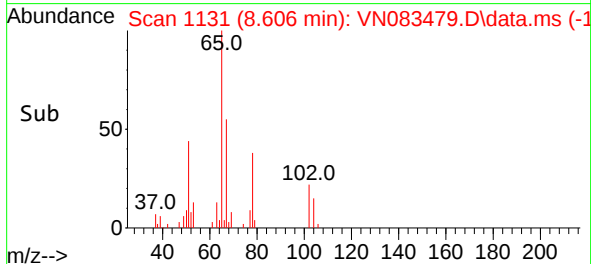
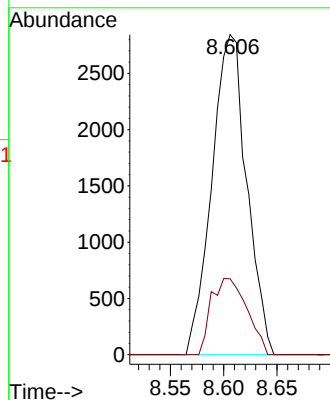
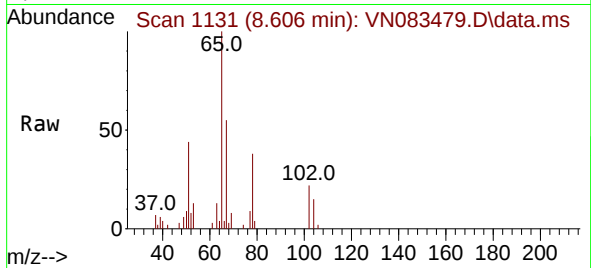




#40
Benzene
Concen: 0.898 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

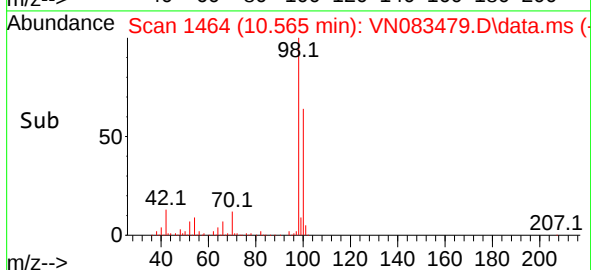
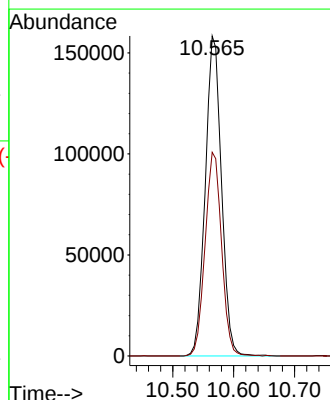
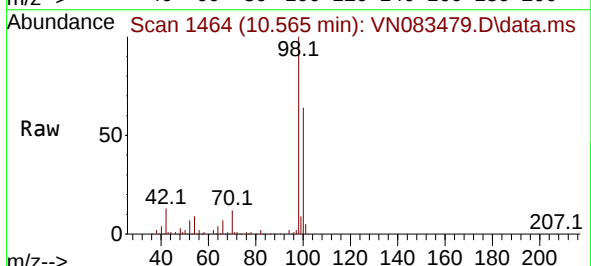
Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

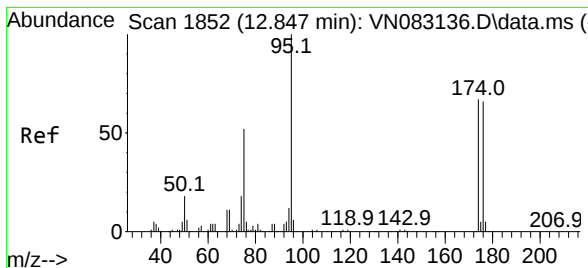
Tgt Ion: 78 Resp: 6483
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



#50
Toluene-d8
Concen: 48.976 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

Tgt Ion: 98 Resp: 292799
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

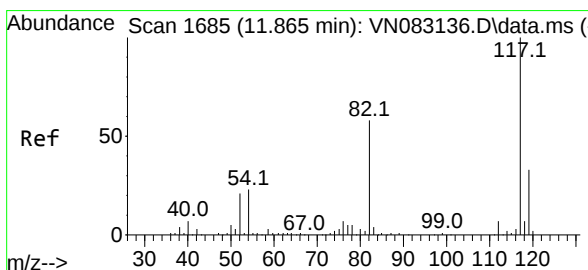
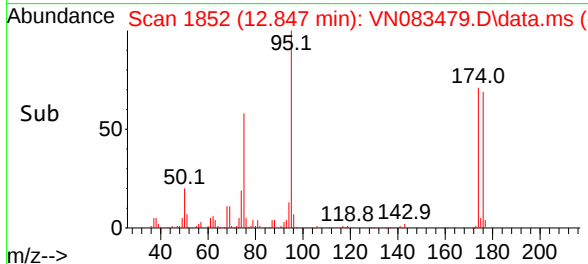
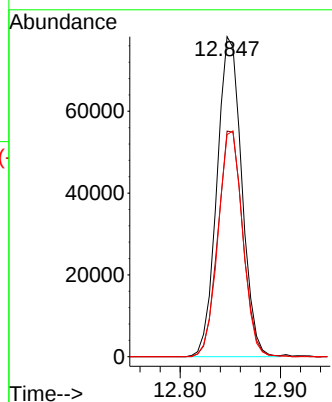
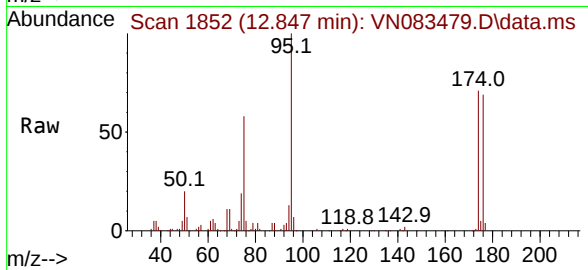




#62
4-Bromofluorobenzene
Concen: 57.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

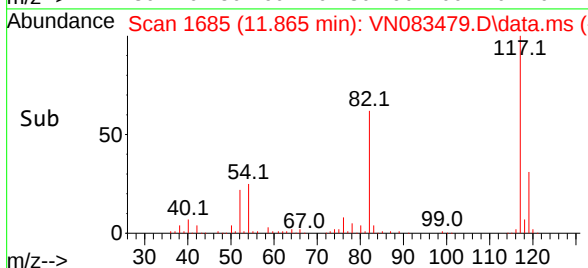
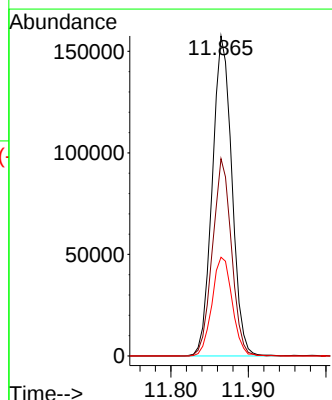
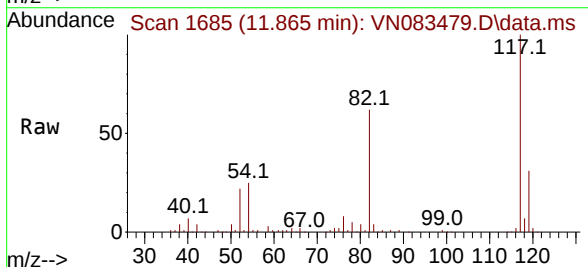
Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

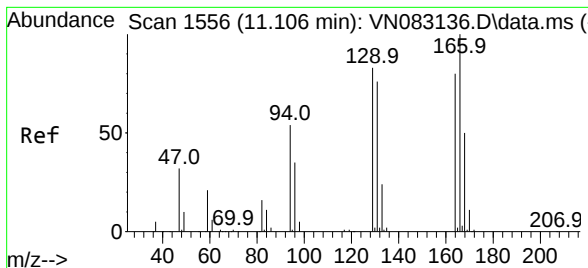
Tgt Ion:	95	Resp:	134250
Ion Ratio	Lower	Upper	
95	100		
174	70.6	0.0	159.2
176	69.7	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

Tgt Ion:	117	Resp:	276573
Ion Ratio	Lower	Upper	
117	100		
82	61.6	47.5	71.3
119	30.9	25.6	38.4





#64

Tetrachloroethene

Concen: 0.417 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083479.D

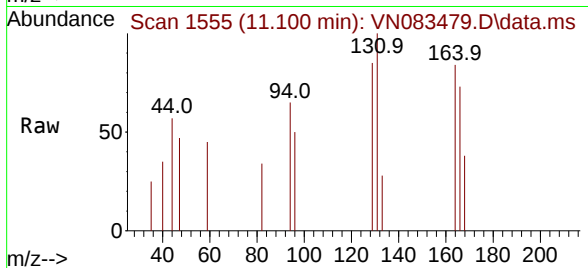
Acq: 26 Aug 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

VOA-240821073-02



Tgt Ion:164 Resp: 763

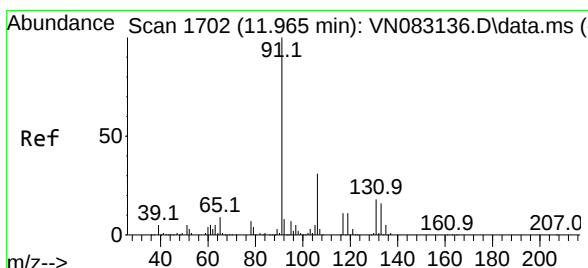
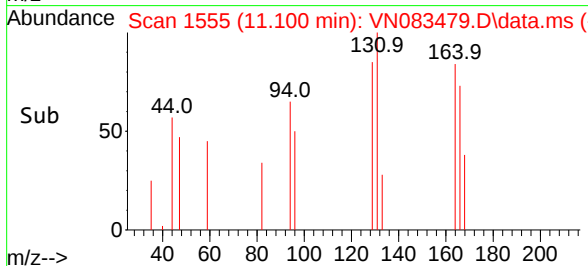
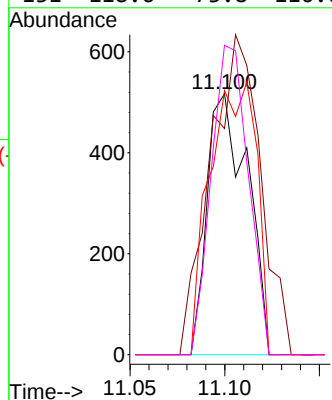
Ion Ratio Lower Upper

164 100

166 86.7 101.4 152.0#

129 101.2 75.7 113.5

131 118.6 73.8 110.6#



#67

Ethyl Benzene

Concen: 0.619 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083479.D

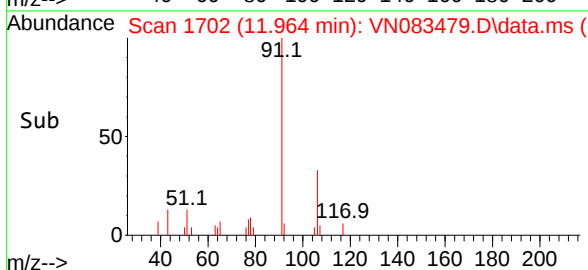
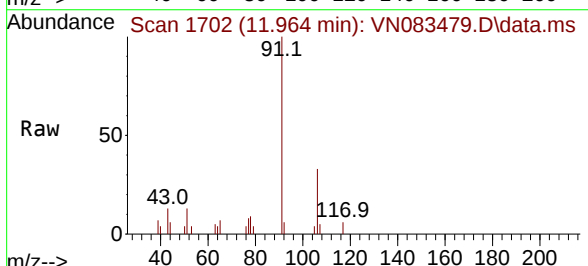
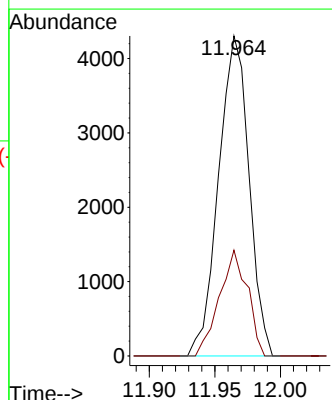
Acq: 26 Aug 2024 13:43

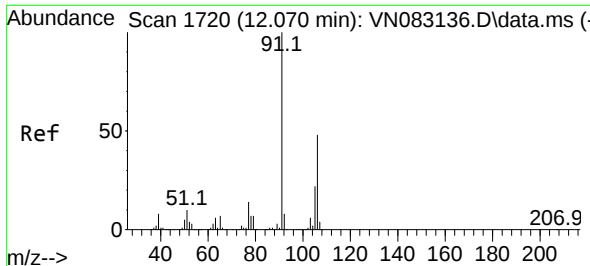
Tgt Ion: 91 Resp: 6943

Ion Ratio Lower Upper

91 100

106 33.0 24.0 36.0

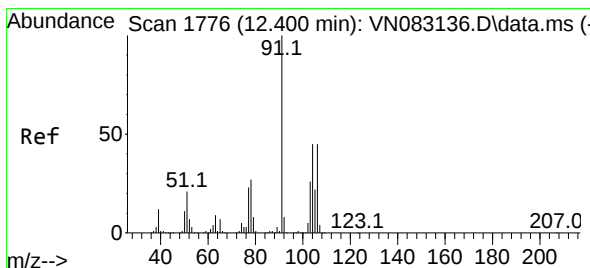
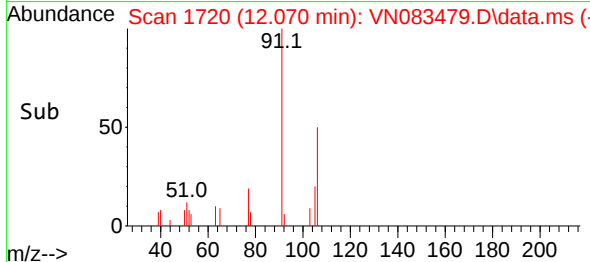
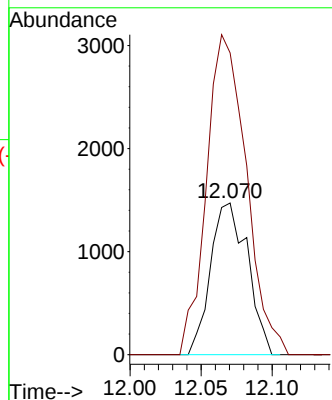
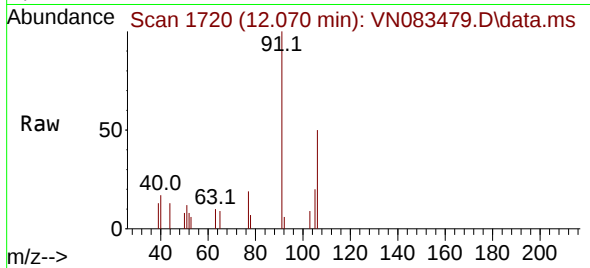




#68
m/p-Xylenes
Concen: 0.635 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

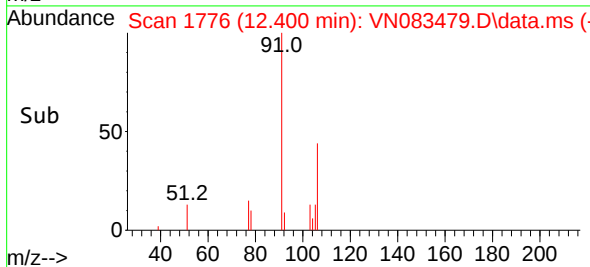
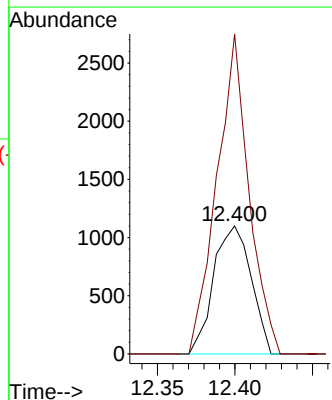
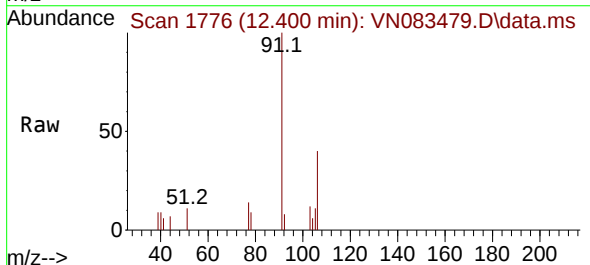
Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

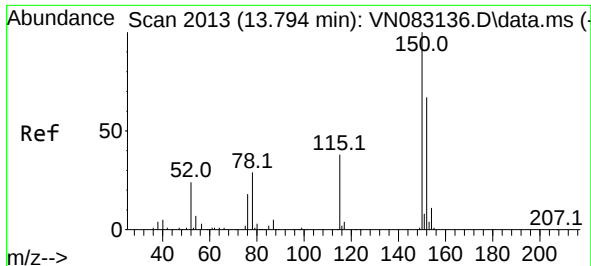
Tgt Ion:106 Resp: 2668
Ion Ratio Lower Upper
106 100
91 226.9 166.1 249.1



#69
o-Xylene
Concen: 0.445 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

Tgt Ion:106 Resp: 1843
Ion Ratio Lower Upper
106 100
91 214.6 111.3 333.9

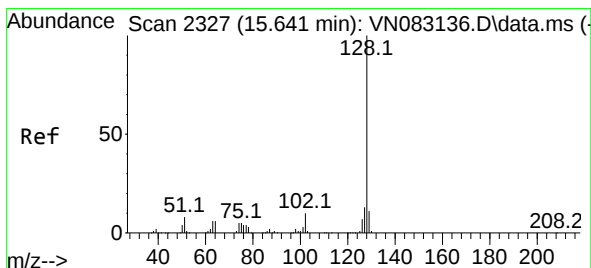
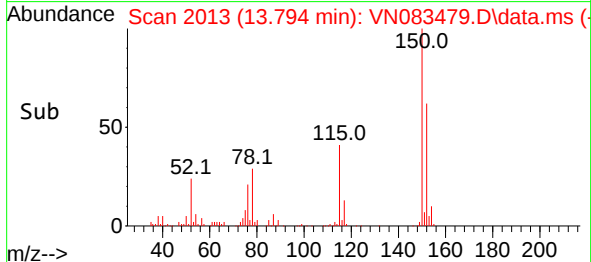
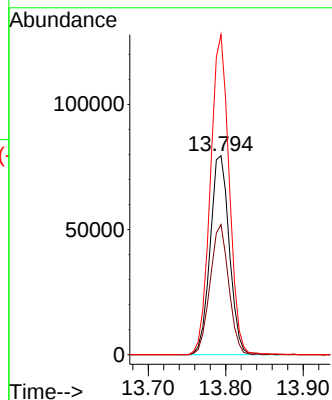
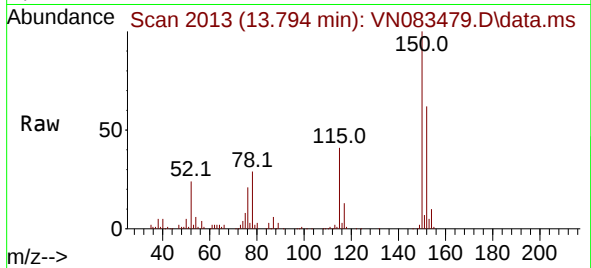




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :
VOA-240821073-02

Tgt Ion:152 Resp: 136646
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 157.1 0.0 348.6



#95
Naphthalene
Concen: 2.532 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083479.D
Acq: 26 Aug 2024 13:43

Tgt Ion:128 Resp: 23226
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 9.6 8.6 12.8

