

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067292.D
 Acq On : 11 Jun 2021 16:43
 Operator : JC/MD
 Sample : M2674-03 5X
 Misc : 5.41g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TMR-DS-03-060921

Quant Time: Jun 12 04:28:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

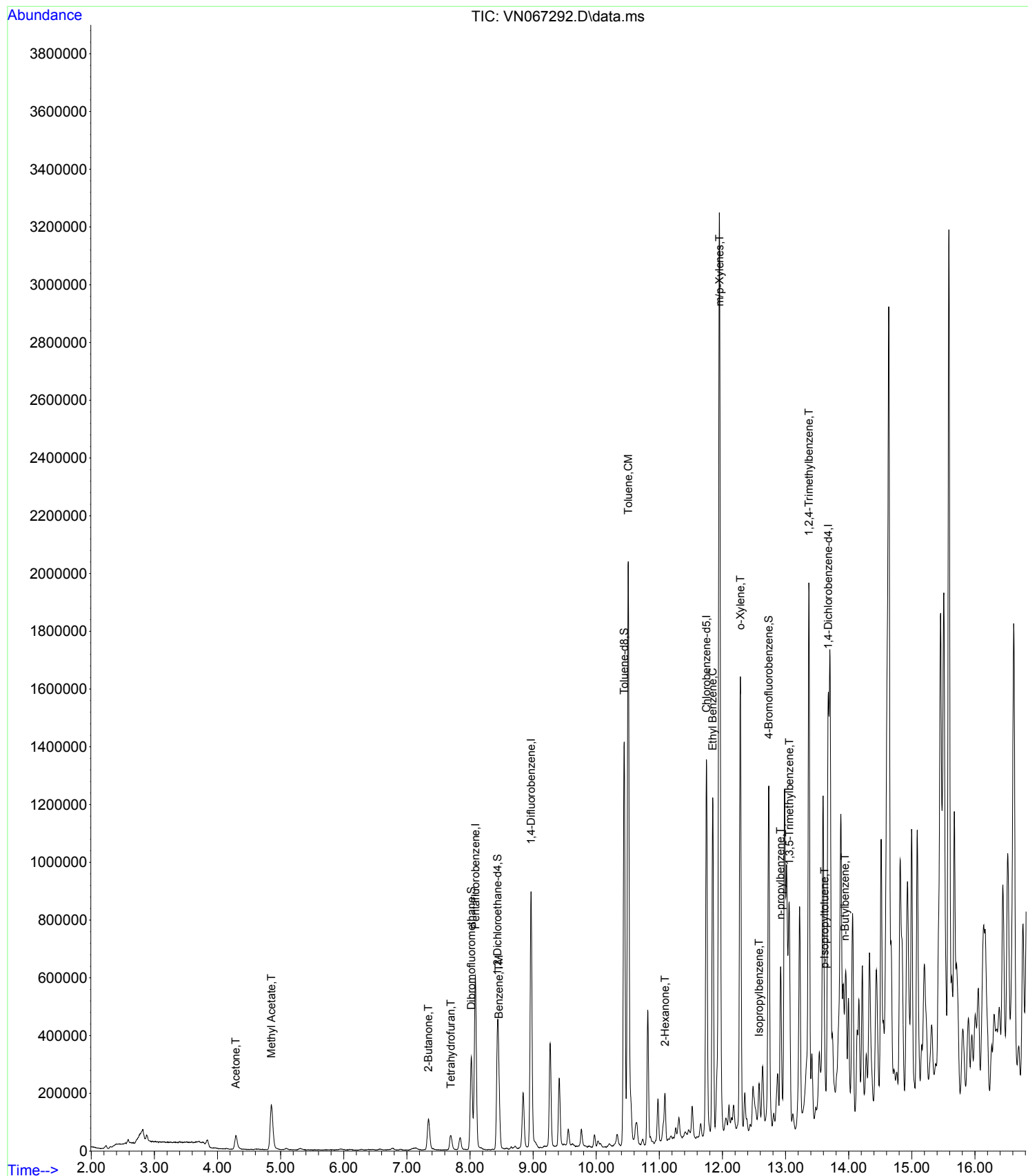
Internal Standards						
1) Pentafluorobenzene	8.086	168	392257	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	705093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	679491	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	319737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	354197	47.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.54%		
35) Dibromofluoromethane	8.021	113	226562	50.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.84%		
50) Toluene-d8	10.443	98	925899	52.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.88%		
62) 4-Bromofluorobenzene	12.734	95	411469	56.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.00%		
Target Compounds						Qvalue
16) Acetone	4.291	43	85332	28.50	ug/l	89
18) Methyl Acetate	4.854	43	321279	38.55	ug/l #	90
25) 2-Butanone	7.343	43	166358	36.42	ug/l #	85
29) Tetrahydrofuran	7.697	42	39105	15.19	ug/l	86
40) Benzene	8.459	78	139641	6.54	ug/l	98
52) Toluene	10.508	92	858853	63.91	ug/l	99
59) 2-Hexanone	11.090	43	120025	18.01	ug/l	79
67) Ethyl Benzene	11.846	91	822716	29.03	ug/l	94
68) m/p-Xylenes	11.953	106	791044	77.54	ug/l	80
69) o-Xylene	12.283	106	376622	37.64	ug/l	79
73) Isopropylbenzene	12.581	105	67206	2.23	ug/l	99
78) n-propylbenzene	12.921	91	348779	9.92	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	279734	10.87	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	993701	39.44	ug/l	92
86) p-Isopropyltoluene	13.616	119	141838	5.68	ug/l	85
89) n-Butylbenzene	13.943	91	189320	8.23	ug/l #	79

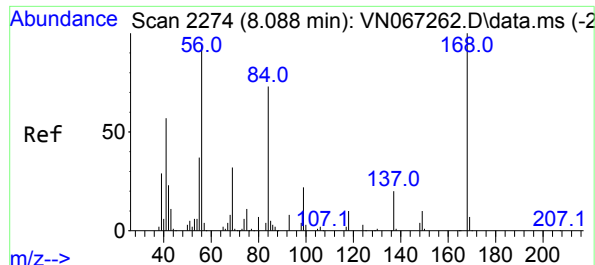
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
Client Sample Id :
TMR-DS-03-060921

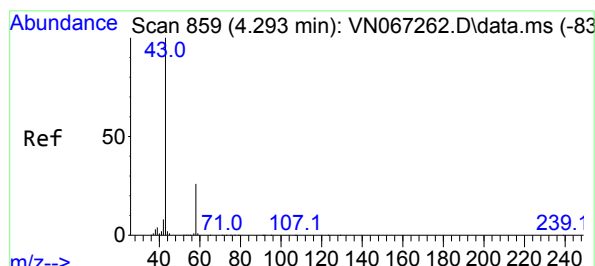
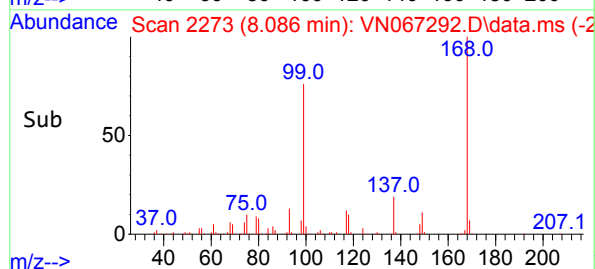
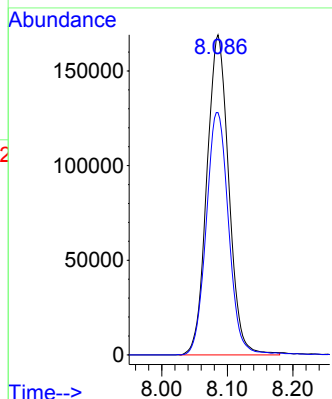
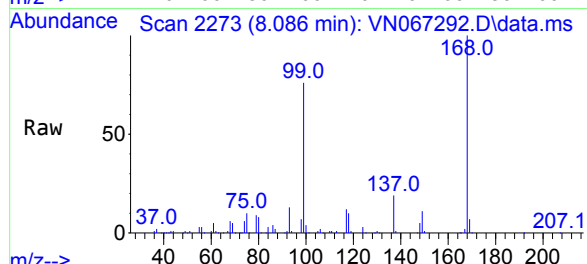




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

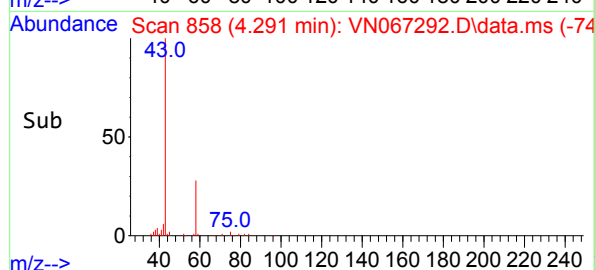
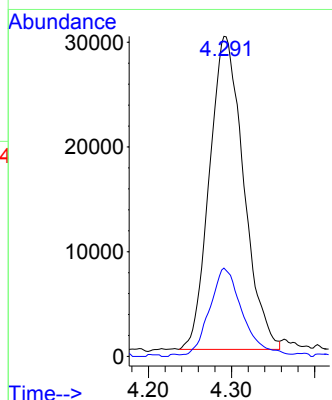
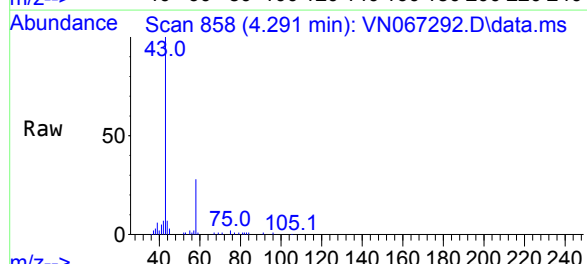
Tgt Ion:168 Resp: 392257
Ion Ratio Lower Upper
168 100
99 75.6 38.5 57.7#

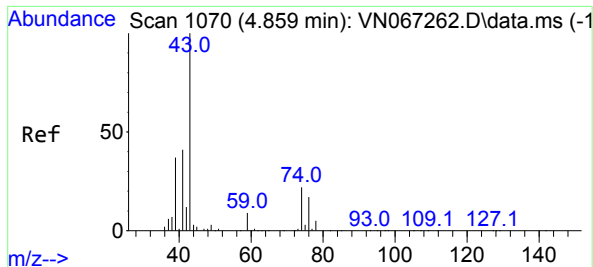
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#16
Acetone
Concen: 28.50 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 43 Resp: 85332
Ion Ratio Lower Upper
43 100
58 27.7 27.2 40.8

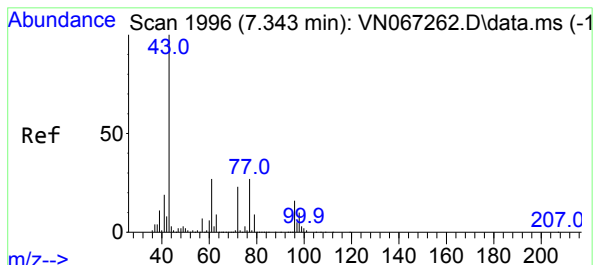
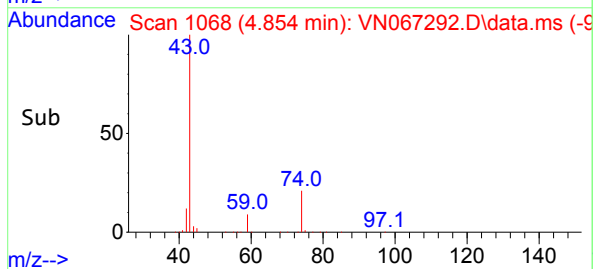
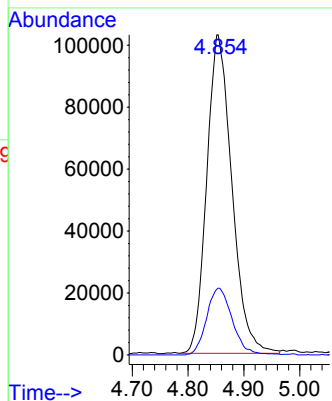
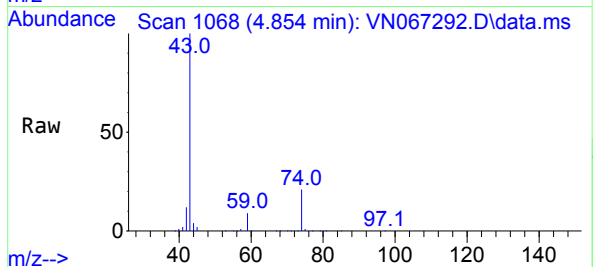




#18
Methyl Acetate
Concen: 38.55 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

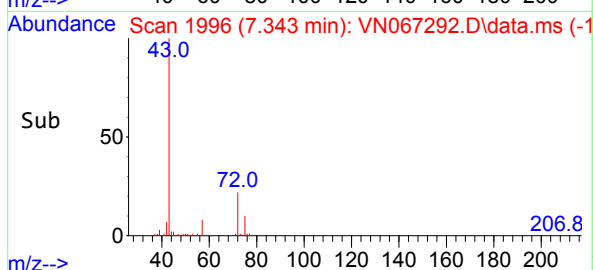
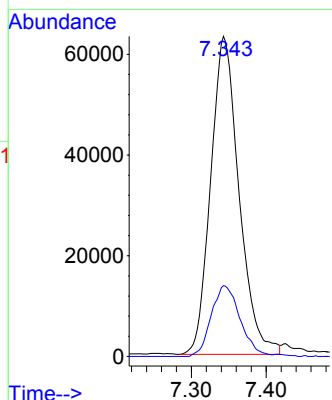
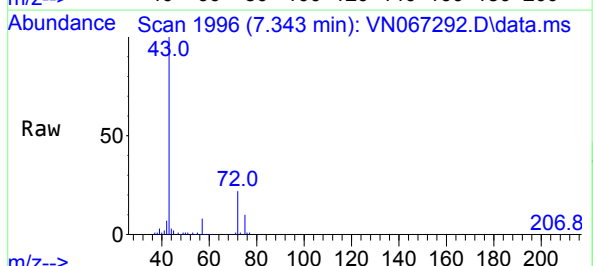
Tgt Ion: 43 Resp: 321279
Ion Ratio Lower Upper
43 100
74 21.4 21.4 32.2#

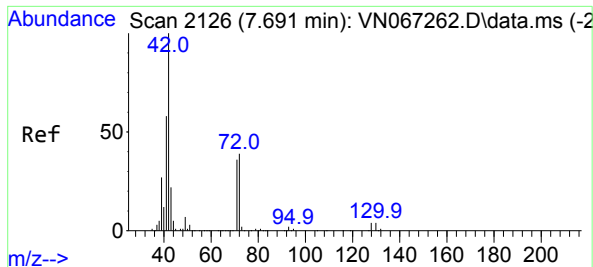
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#25
2-Butanone
Concen: 36.42 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 43 Resp: 166358
Ion Ratio Lower Upper
43 100
72 22.3 24.4 36.6#

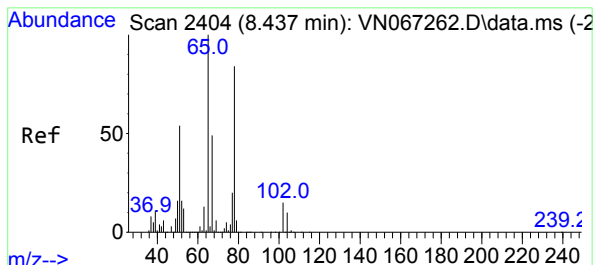
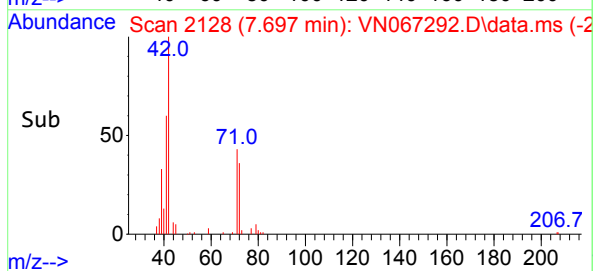
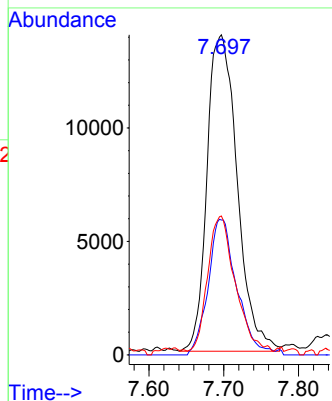
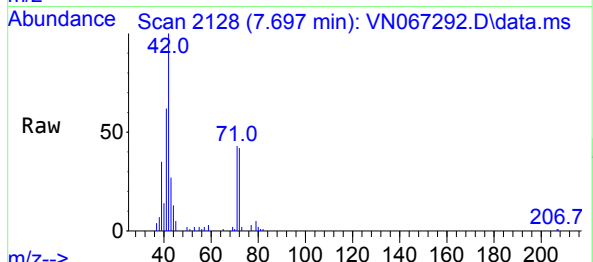




#29
Tetrahydrofuran
Concen: 15.19 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.005 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

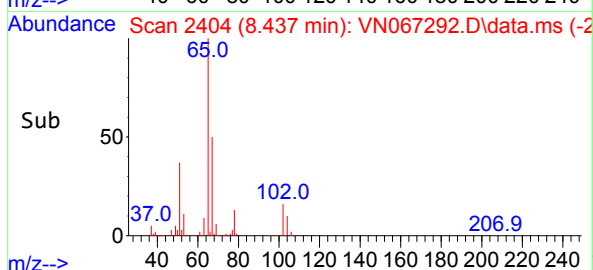
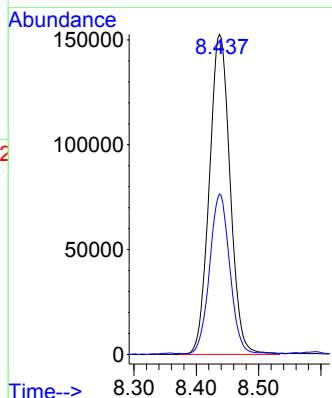
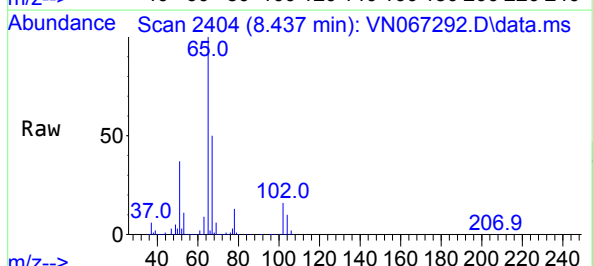
Tgt Ion:	42	Resp:	39105
Ion Ratio	Lower	Upper	
42	100		
72	40.5	40.1	60.1
71	38.3	37.9	56.9

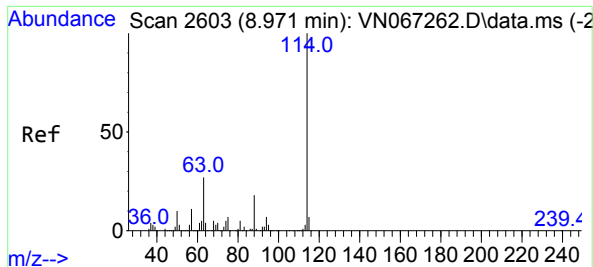
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#33
1,2-Dichloroethane-d4
Concen: 47.77 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:	65	Resp:	354197
Ion Ratio	Lower	Upper	
65	100		
67	48.1	0.0	110.4

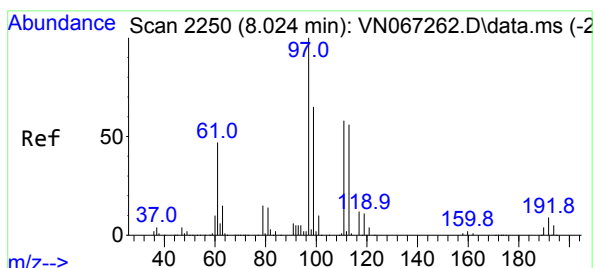
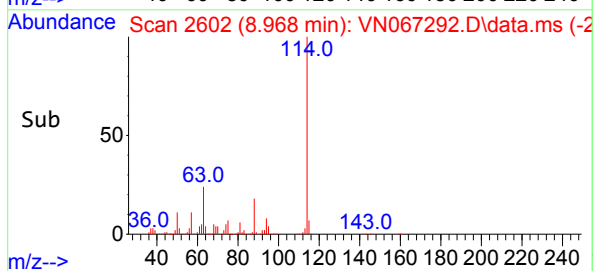
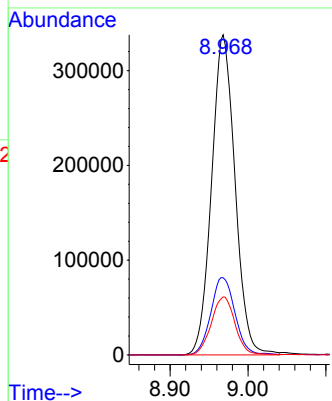
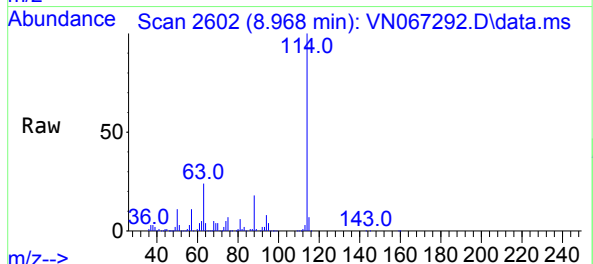




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

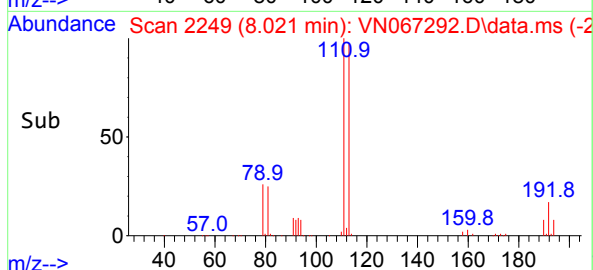
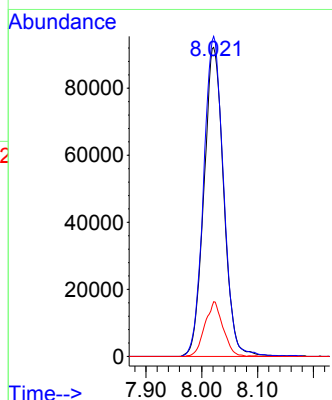
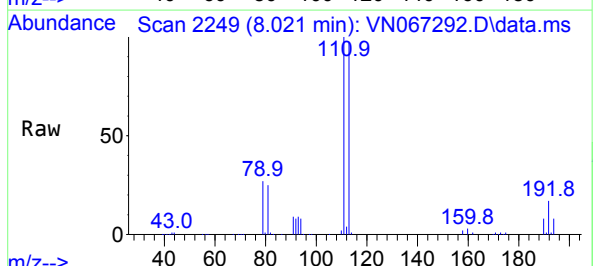
Tgt Ion:	114	Resp:	705093
Ion Ratio	Lower	Upper	
114	100		
63	24.1	0.0	35.8
88	18.1	0.0	30.4

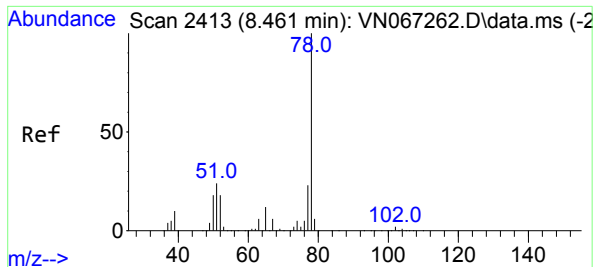
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#35
Dibromofluoromethane
Concen: 50.42 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:	113	Resp:	226562
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.6	124.0
192	16.3	18.2	27.4#

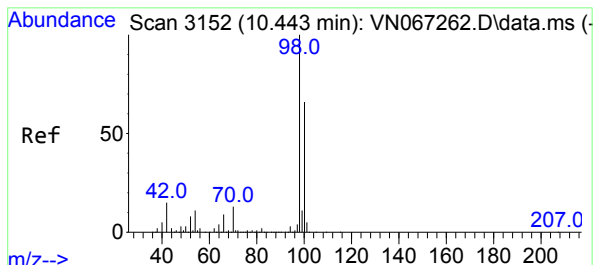
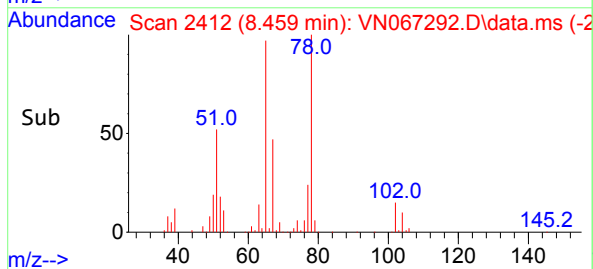
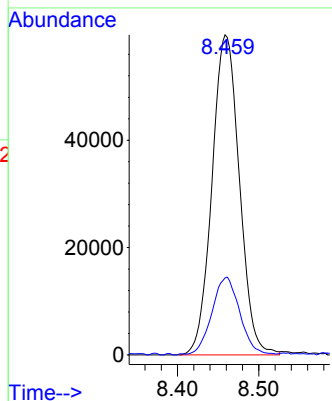
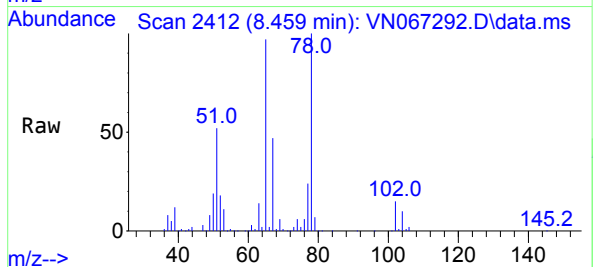




#40
Benzene
Concen: 6.54 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

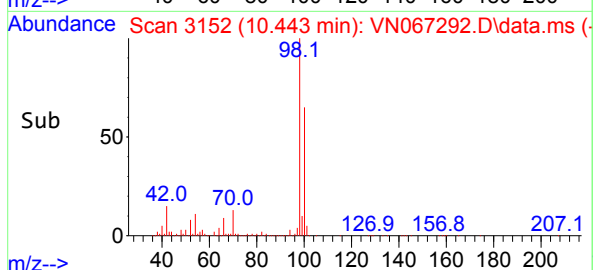
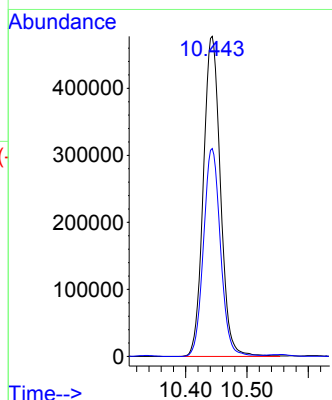
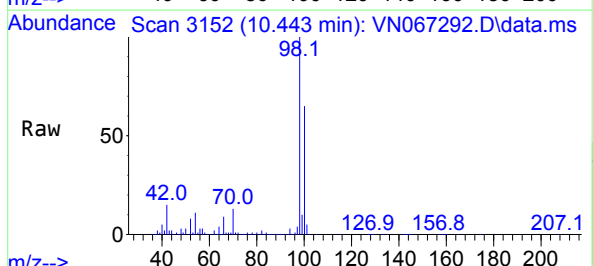
Tgt Ion: 78 Resp: 139641
Ion Ratio Lower Upper
78 100
77 23.8 18.4 27.6

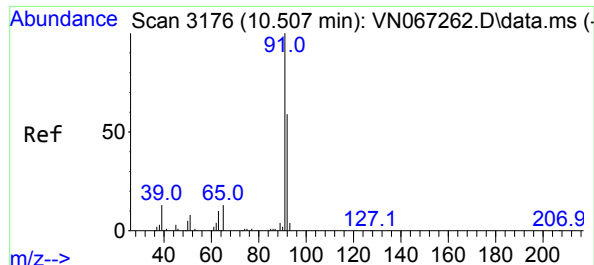
Instrument :
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ClientSampleId :
TMR-DS-03-060921



#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 98 Resp: 925899
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

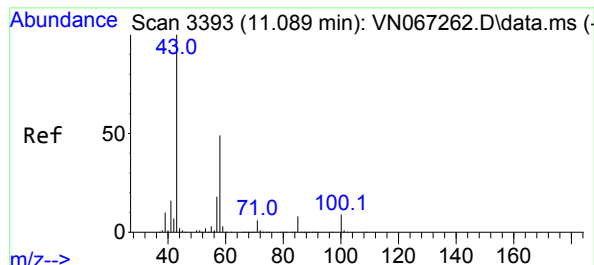
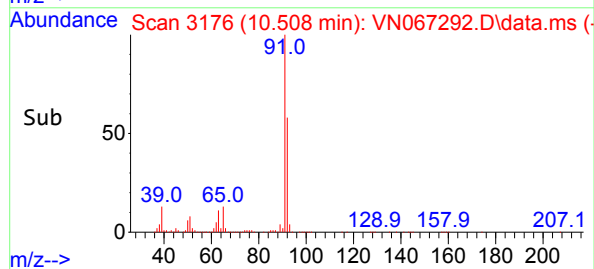
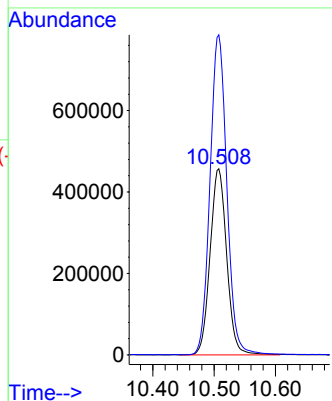
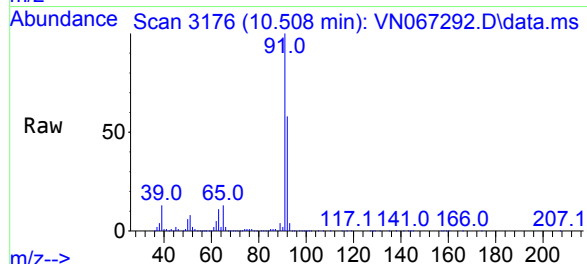




#52
Toluene
Concen: 63.91 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

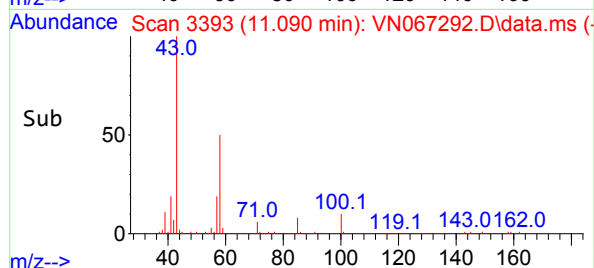
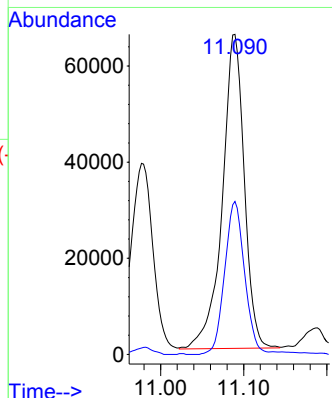
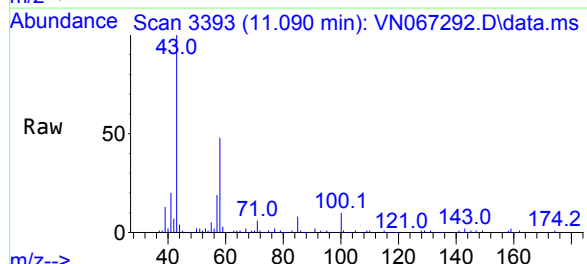
Tgt Ion: 92 Resp: 858853
Ion Ratio Lower Upper
92 100
91 174.3 138.7 208.1

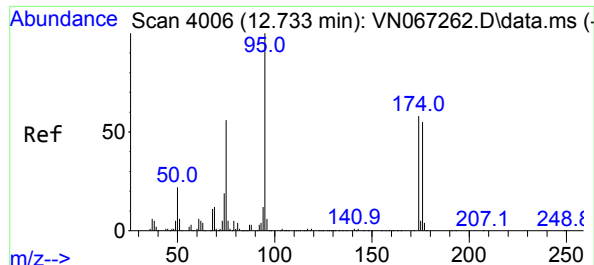
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#59
2-Hexanone
Concen: 18.01 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 43 Resp: 120025
Ion Ratio Lower Upper
43 100
58 44.1 29.8 89.5

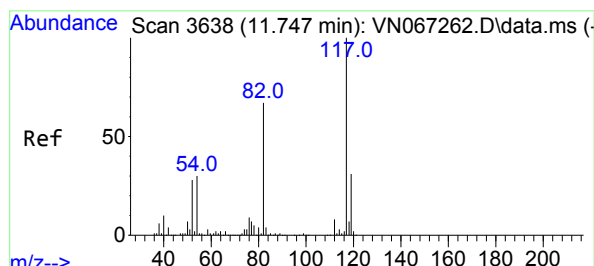
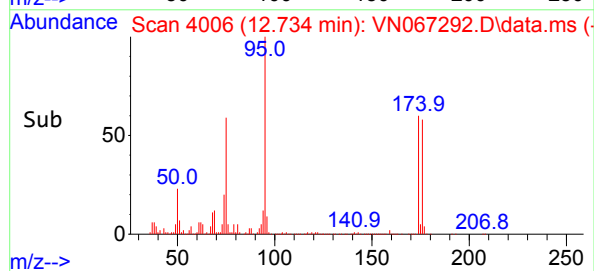
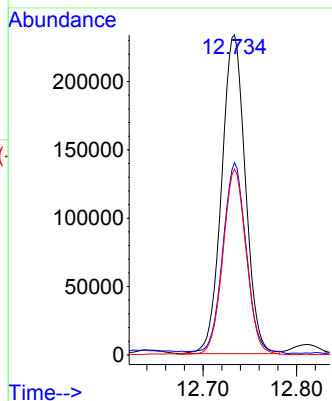
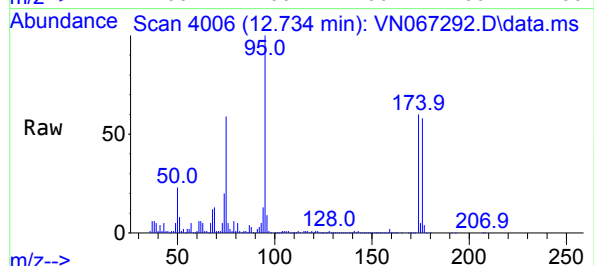




#62
4-Bromofluorobenzene
Concen: 56.00 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

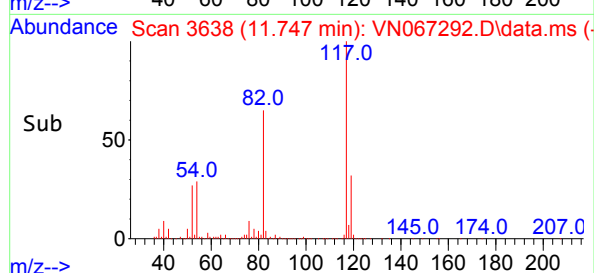
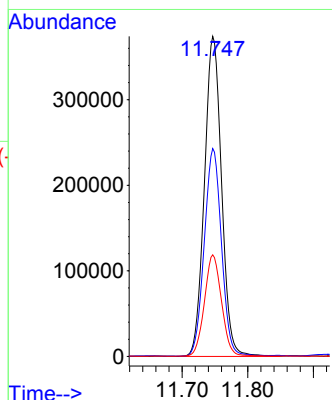
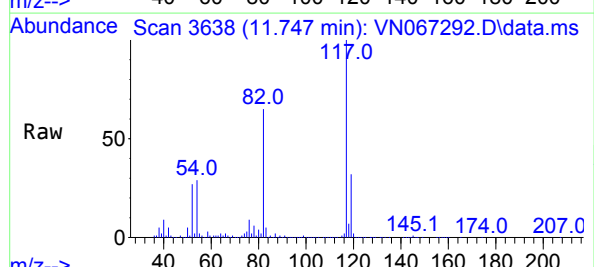
Tgt Ion:	95	Resp:	411469
Ion Ratio	Lower	Upper	
95	100		
174	59.3	0.0	182.8
176	57.2	0.0	176.6

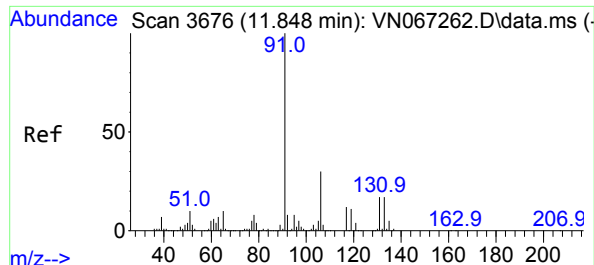
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:	117	Resp:	679491
Ion Ratio	Lower	Upper	
117	100		
82	64.8	42.2	63.2#
119	31.6	25.8	38.6

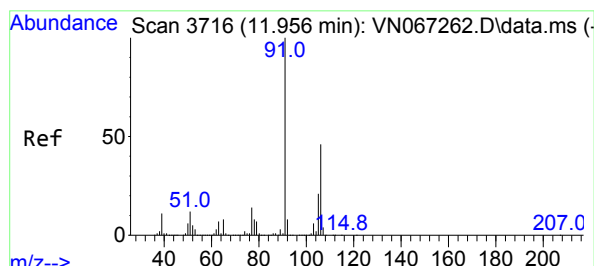
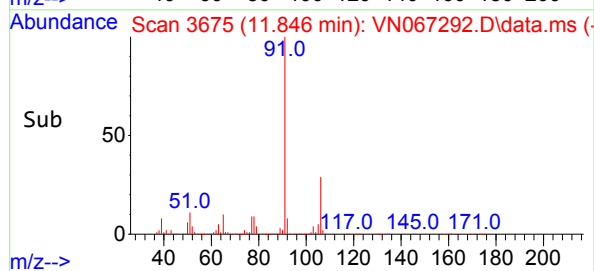
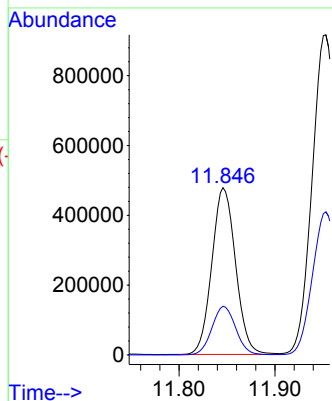
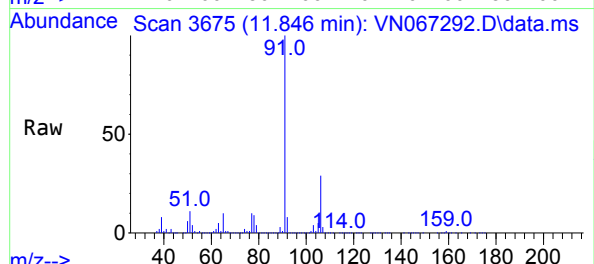




#67
Ethyl Benzene
Concen: 29.03 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

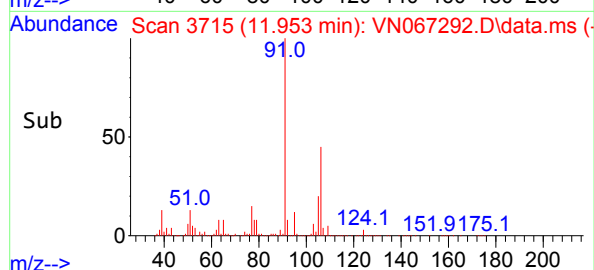
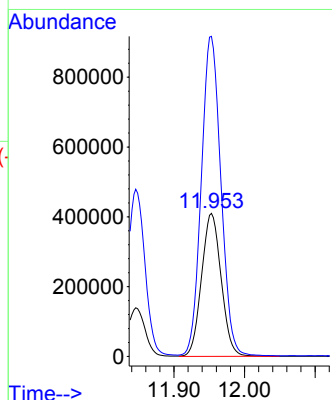
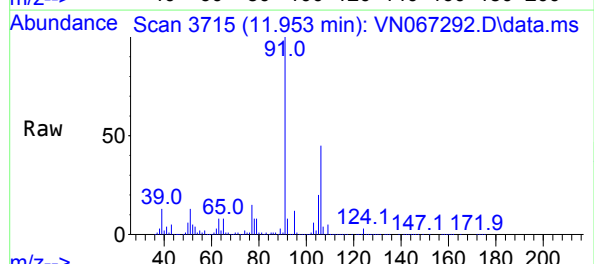
Tgt Ion: 91 Resp: 822716
Ion Ratio Lower Upper
91 100
106 29.1 26.2 39.2

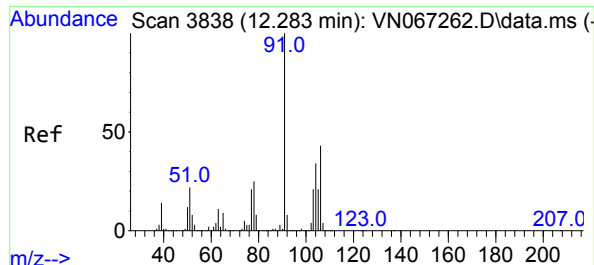
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#68
m/p-Xylenes
Concen: 77.54 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:106 Resp: 791044
Ion Ratio Lower Upper
106 100
91 223.4 155.2 232.8

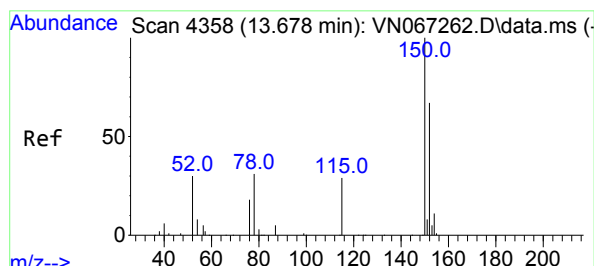
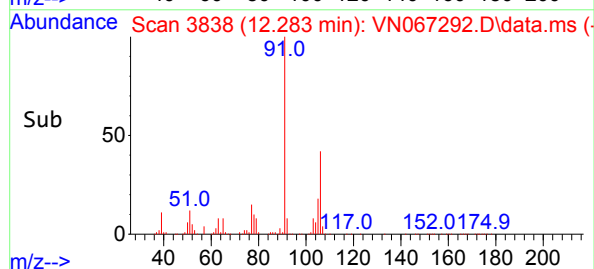
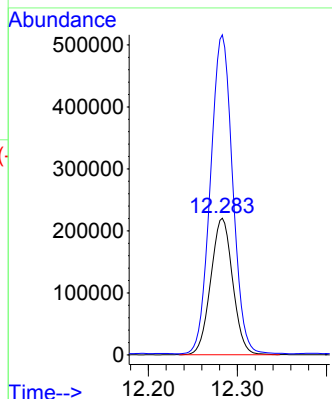
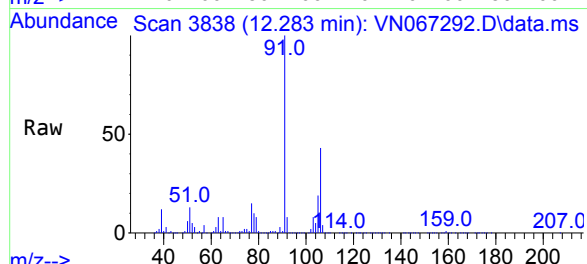




#69
o-Xylene
Concen: 37.64 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

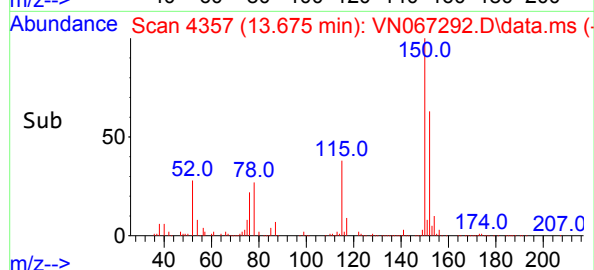
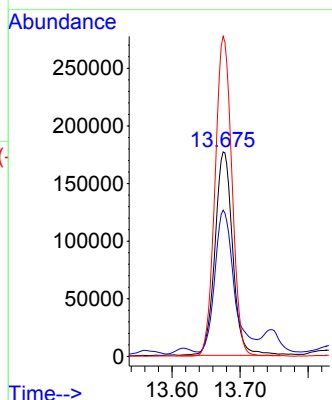
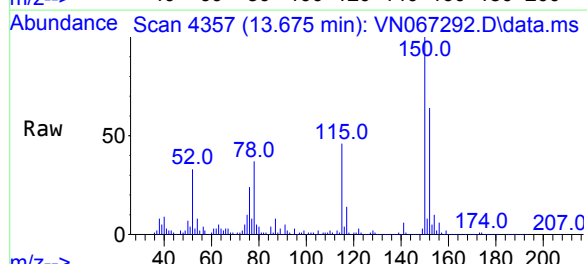
Tgt Ion:106 Resp: 376622
Ion Ratio Lower Upper
106 100
91 236.1 102.3 306.8

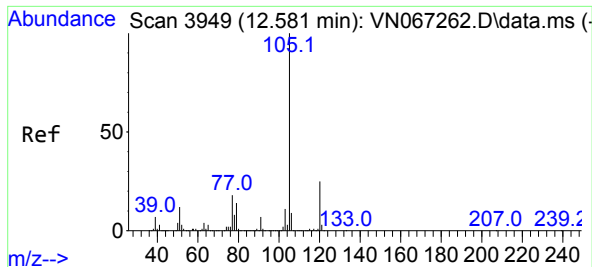
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:152 Resp: 319737
Ion Ratio Lower Upper
152 100
115 76.4 27.0 80.8
150 149.9 0.0 350.2

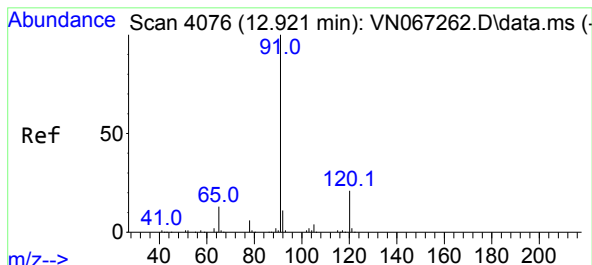
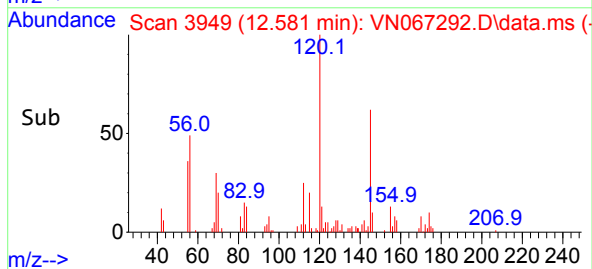
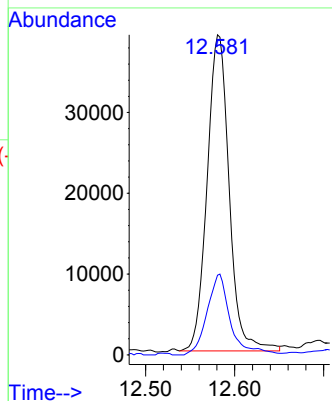
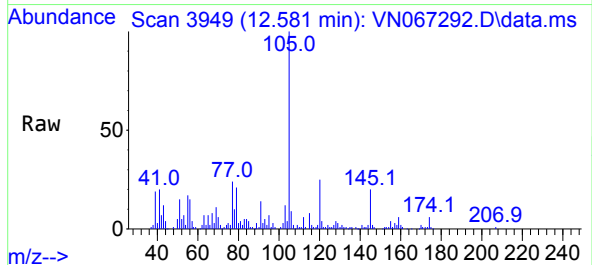




#73
Isopropylbenzene
Concen: 2.23 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

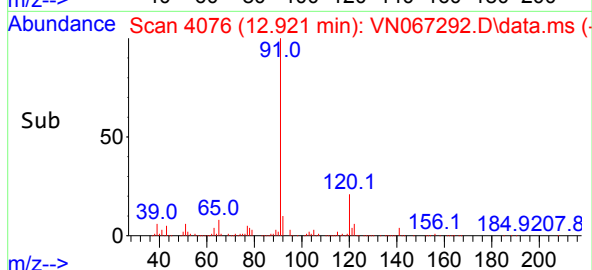
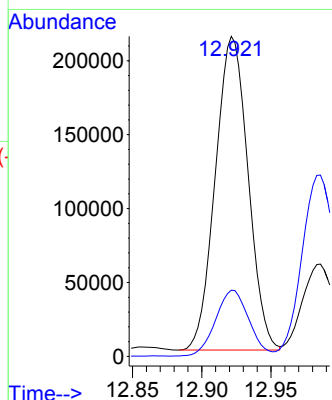
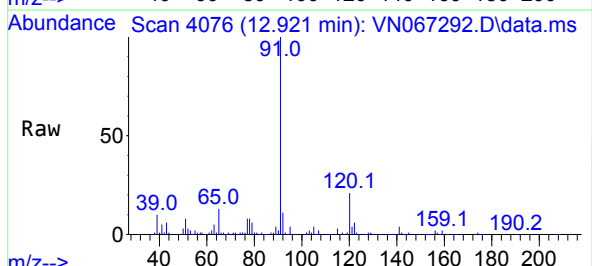
Tgt Ion: 105 Resp: 67206
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

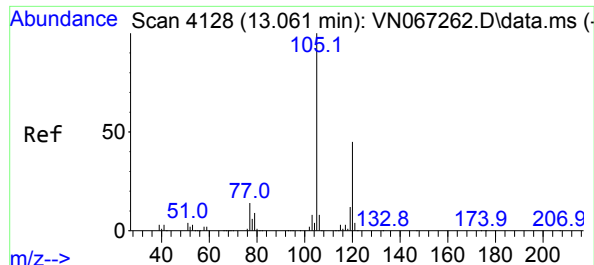
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#78
n-propylbenzene
Concen: 9.92 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion: 91 Resp: 348779
Ion Ratio Lower Upper
91 100
120 21.3 12.7 38.0

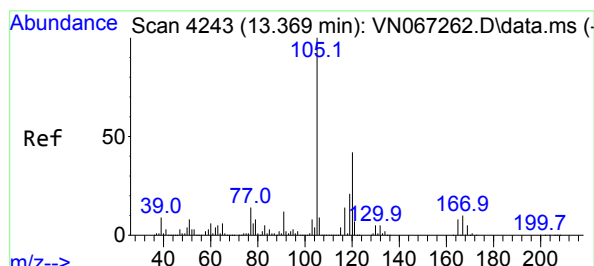
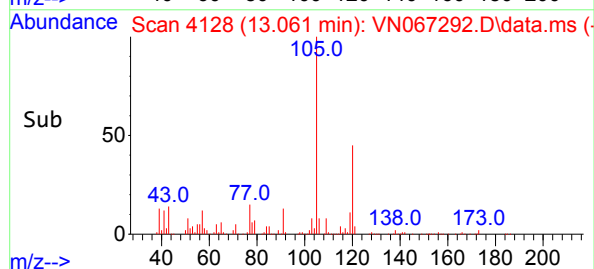
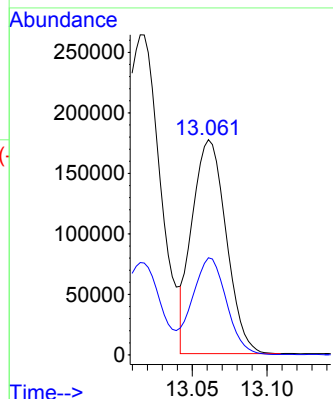
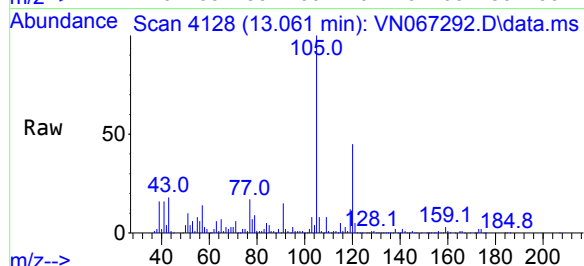




#80
1,3,5-Trimethylbenzene
Concen: 10.87 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

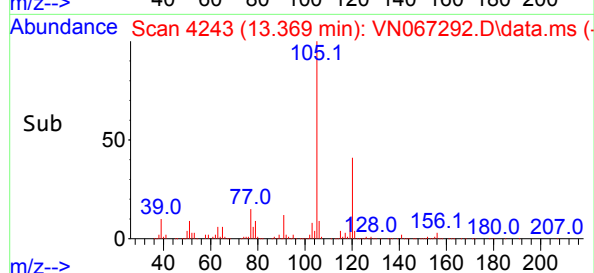
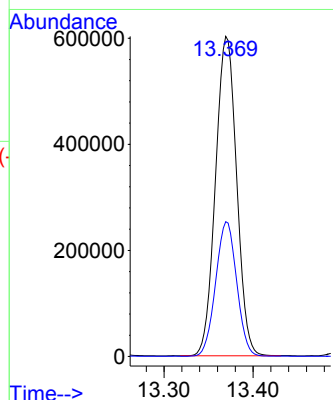
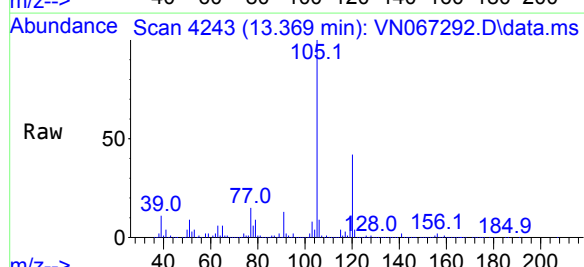
Tgt Ion:105 Resp: 279734
Ion Ratio Lower Upper
105 100
120 45.4 25.0 75.0

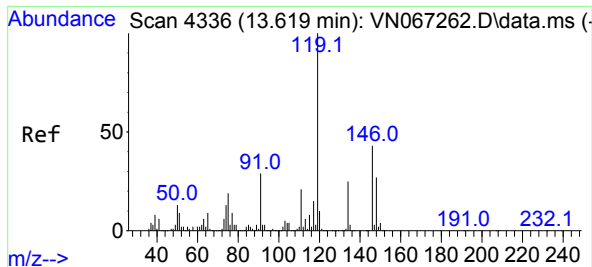
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#84
1,2,4-Trimethylbenzene
Concen: 39.44 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:105 Resp: 993701
Ion Ratio Lower Upper
105 100
120 41.9 23.8 71.2

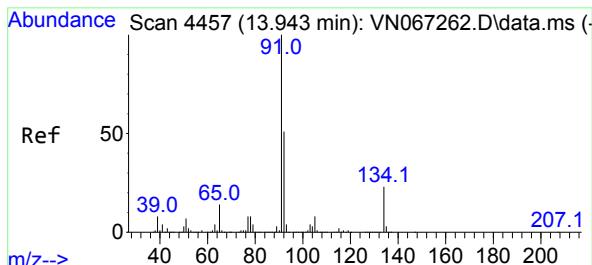
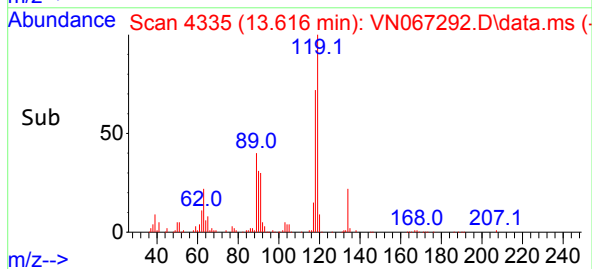
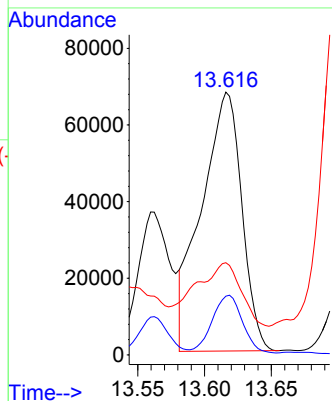
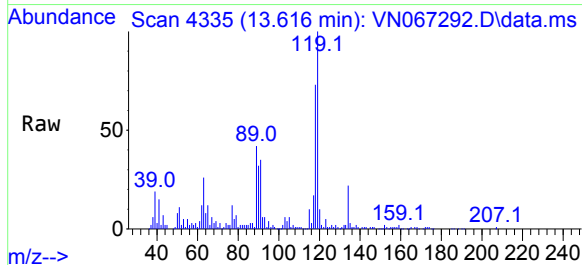




#86
p-Isopropyltoluene
Concen: 5.68 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:	119	Resp:	141838
Ion Ratio	Lower	Upper	
119	100		
134	16.6	13.3	39.9
91	26.3	10.7	32.1

Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-03-060921



#89
n-Butylbenzene
Concen: 8.23 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067292.D
Acq: 11 Jun 2021 16:43

Tgt Ion:	91	Resp:	189320
Ion Ratio	Lower	Upper	
91	100		
92	51.2	26.5	79.5
134	0.0	14.3	42.9#

