

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066022.D
 Acq On : 25 Feb 2021 12:42
 Operator : JC/MD
 Sample : M1472-02
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-02-GRAB

Quant Time: Feb 26 01:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

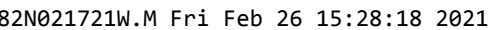
Internal Standards						
1) Pentafluorobenzene	7.624	168	119820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	191308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	177362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	97732	50.00	ug/l	0.00

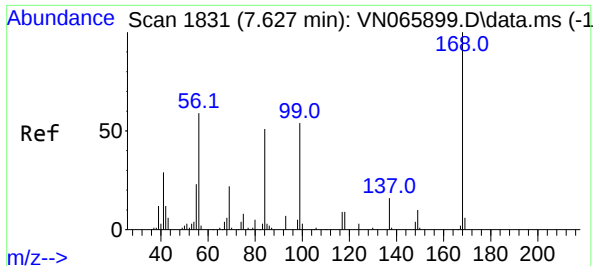
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	78872	47.07	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.14%
35) Dibromofluoromethane	7.550	113	57781	48.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.60%
50) Toluene-d8	10.058	98	243867	50.18	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.36%
62) 4-Bromofluorobenzene	12.373	95	114432	62.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	125.44%

Target Compounds						Qvalue
31) Cyclohexane	7.592	56	84438	33.80	ug/l	# 56
39) Methylcyclohexane	9.042	83	204968	96.70	ug/l	88
40) Benzene	8.000	78	110651	19.12	ug/l	98
52) Toluene	10.122	92	28818	8.11	ug/l	95
67) Ethyl Benzene	11.482	91	449250	66.92	ug/l	98
68) m/p-Xylenes	11.589	106	120755	48.21	ug/l	95
69) o-Xylene	11.920	106	16720	6.92	ug/l	90
73) Isopropylbenzene	12.222	105	1007925	126.36	ug/l	100
78) n-propylbenzene	12.563	91	3205344	353.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	1439226	212.39	ug/l	99
83) tert-Butylbenzene	12.968	119	22911	4.09	ug/l	# 79
84) 1,2,4-Trimethylbenzene	13.013	105	769184	113.08	ug/l	99
85) sec-Butylbenzene	13.145	105	661606	91.01	ug/l	# 71
86) p-Isopropyltoluene	13.260	119	264173	40.03	ug/l	97
89) n-Butylbenzene	13.585	91	1531690	275.27	ug/l	# 72
95) Naphthalene	15.100	128	4232748	704.10	ug/l	97

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

Quant Time: Feb 26 01:18:33 2021
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Response via : Initial Calibration

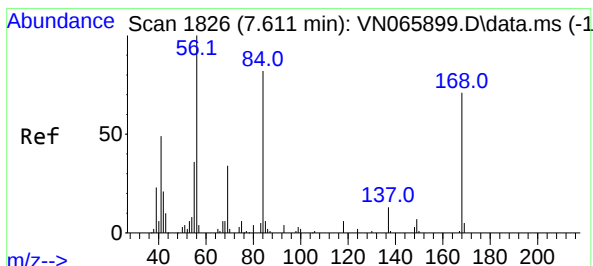
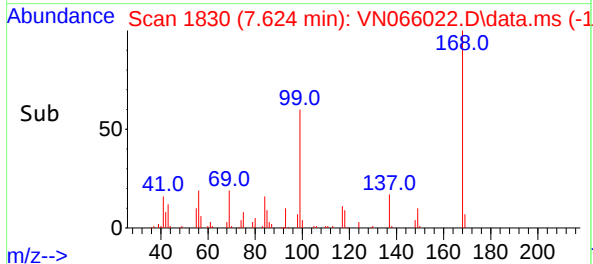
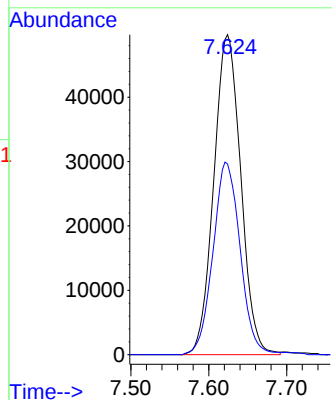
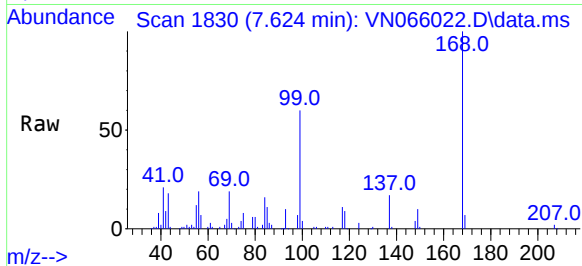




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

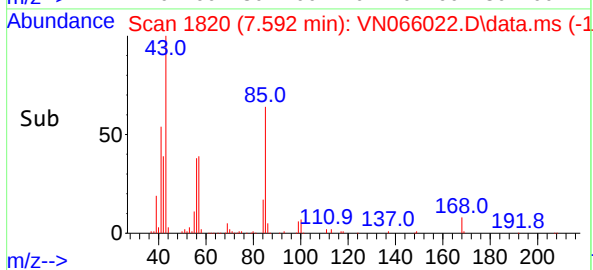
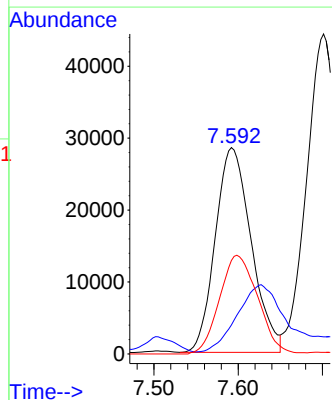
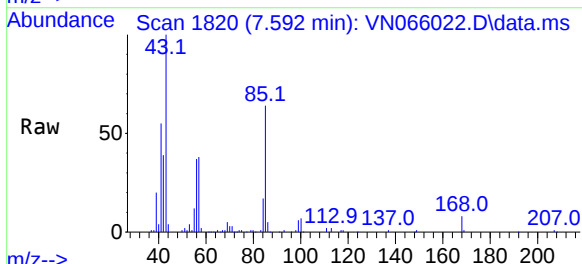
Instrument :
MSVOA_N
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TEST-PIT-02-GRAB

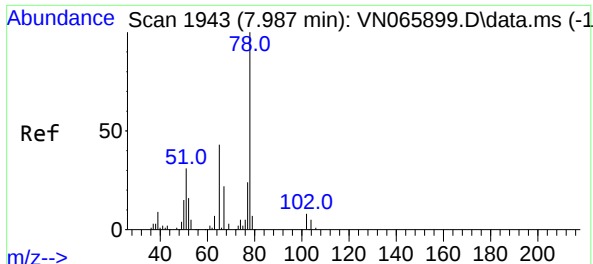
Tgt Ion:168 Resp: 119820
Ion Ratio Lower Upper
168 100
99 59.6 42.6 63.8



#31
Cyclohexane
Concen: 33.80 ug/l
RT: 7.592 min Scan# 1820
Delta R.T. -0.019 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 56 Resp: 84438
Ion Ratio Lower Upper
56 100
69 10.2 26.6 39.8#
84 45.6 70.4 105.6#

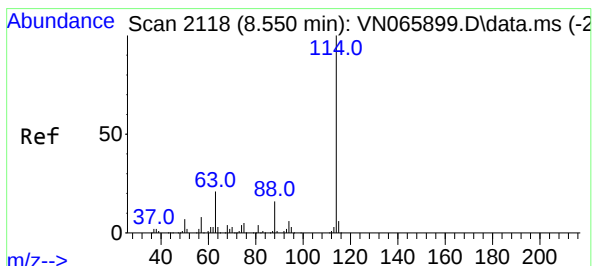
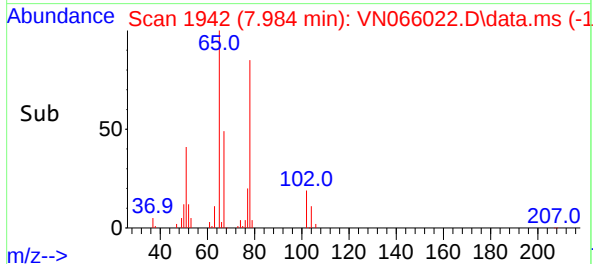
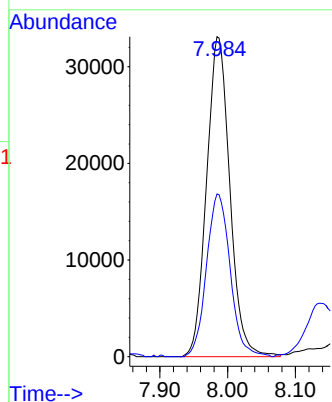
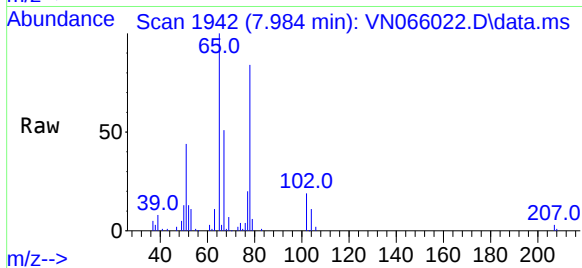




#33
1,2-Dichloroethane-d4
Concen: 47.07 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

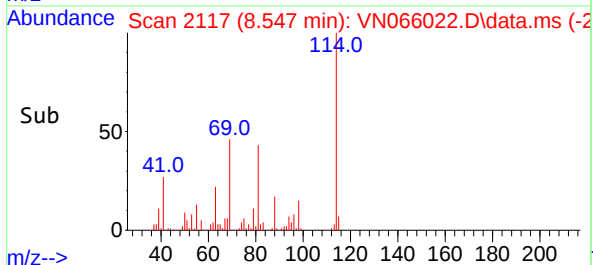
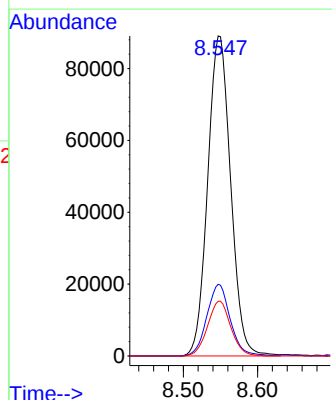
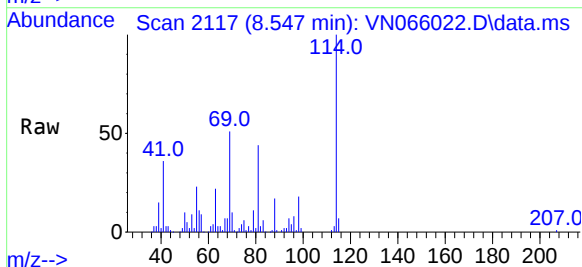
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-02-GRAB

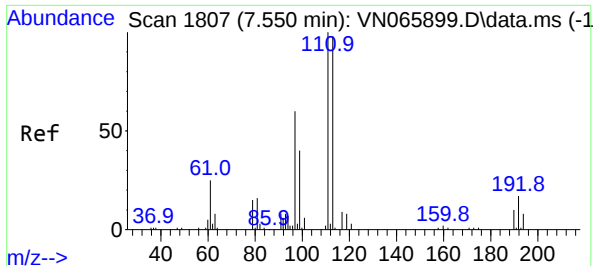
Tgt Ion: 65 Resp: 78872
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 114 Resp: 191308
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 17.1 0.0 30.6



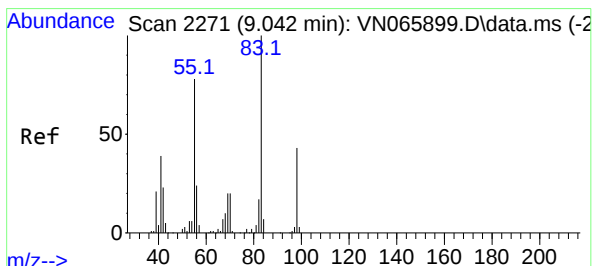
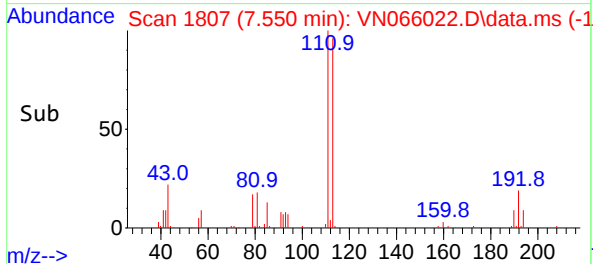
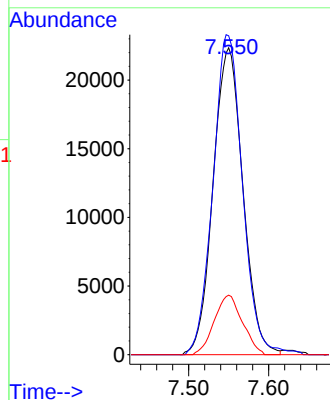
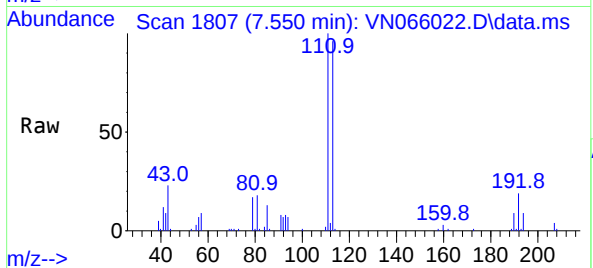


#35

Dibromofluoromethane
Concen: 48.80 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-02-GRAB

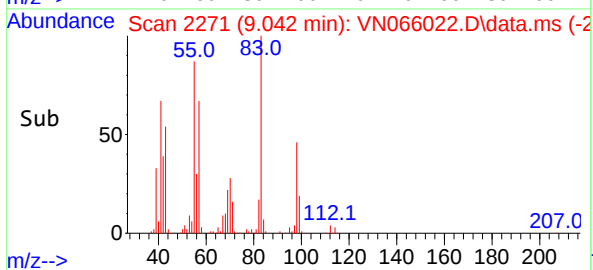
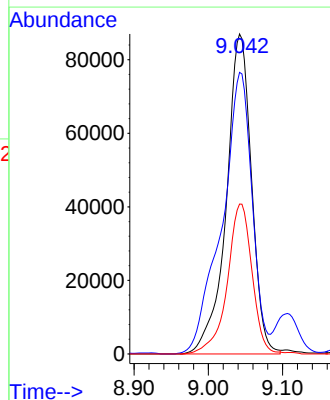
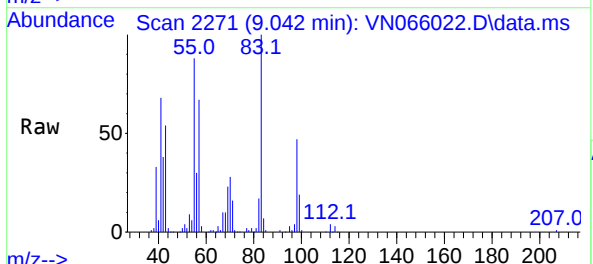
Tgt Ion:113 Resp: 57781
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.4 15.4 23.0

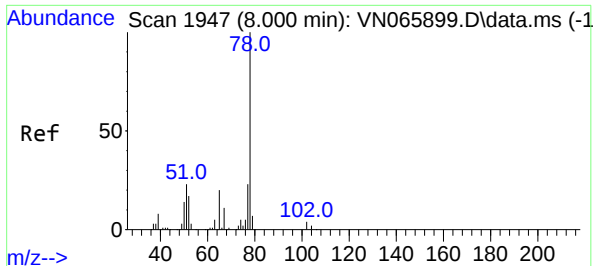


#39

Methylcyclohexane
Concen: 96.70 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 83 Resp: 204968
Ion Ratio Lower Upper
83 100
55 87.7 58.9 88.3
98 46.8 35.9 53.9

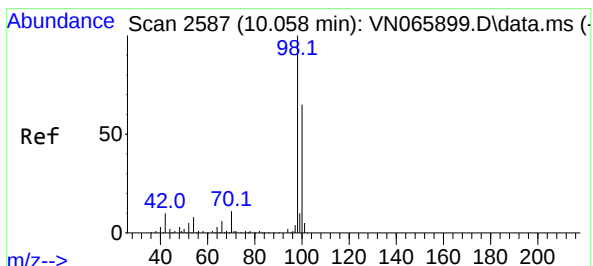
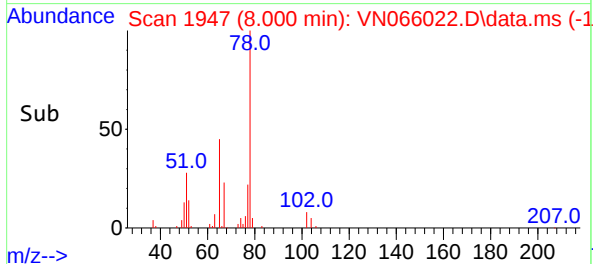
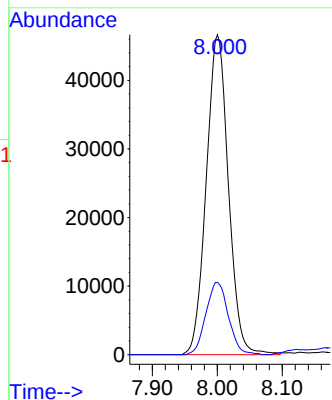
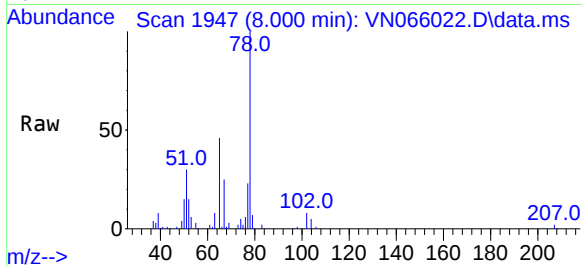




#40
Benzene
Concen: 19.12 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

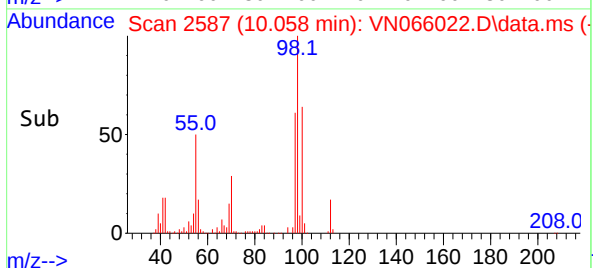
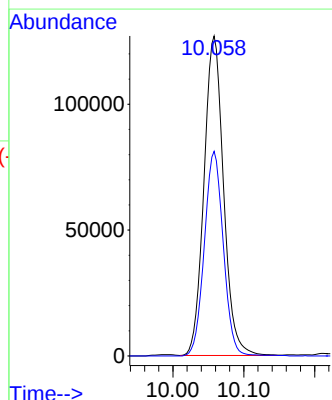
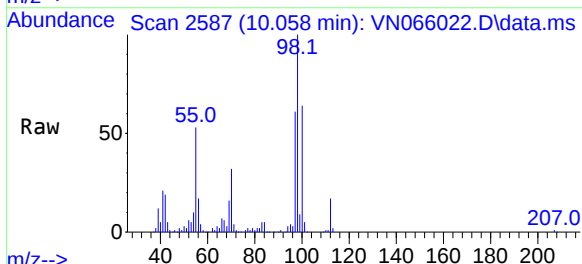
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-02-GRAB

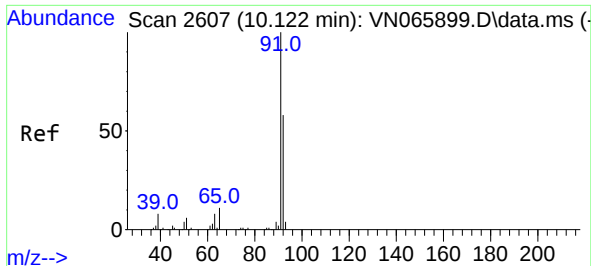
Tgt Ion: 78 Resp: 110651
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



#50
Toluene-d8
Concen: 50.18 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 98 Resp: 243867
Ion Ratio Lower Upper
98 100
100 61.8 50.5 75.7

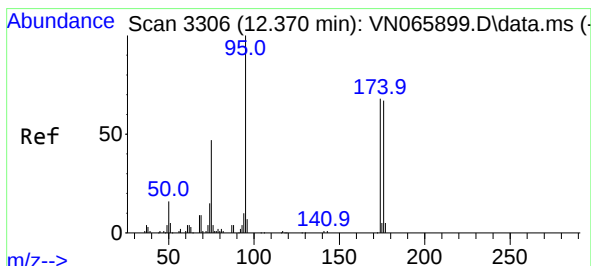
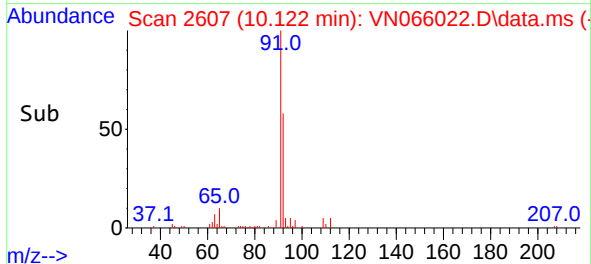
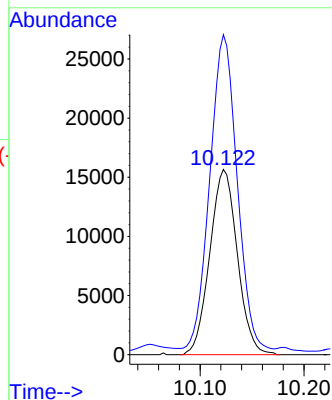
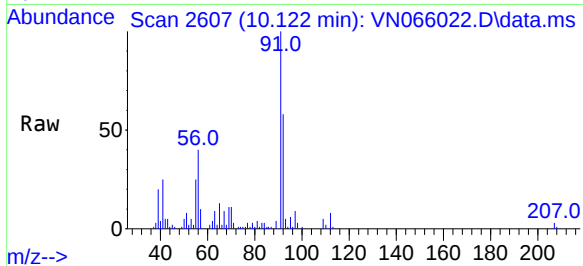




#52
Toluene
Concen: 8.11 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

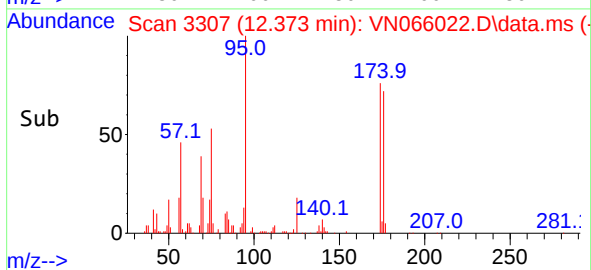
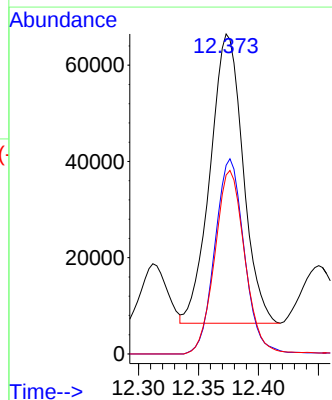
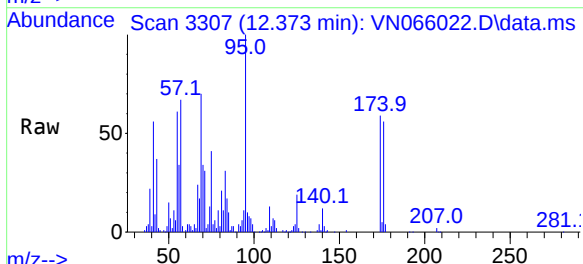
Instrument :
MSVOA_N
ClientSampleId :
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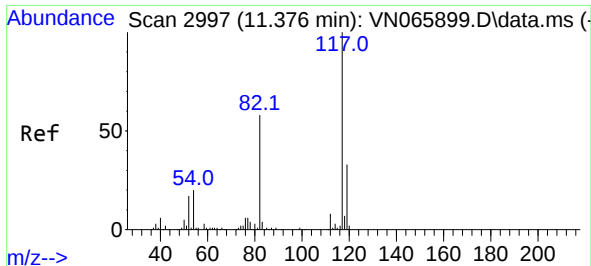
Tgt Ion: 92 Resp: 28818
Ion Ratio Lower Upper
92 100
91 169.0 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 62.72 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 95 Resp: 114432
Ion Ratio Lower Upper
95 100
174 60.6 0.0 169.0
176 58.1 0.0 162.4

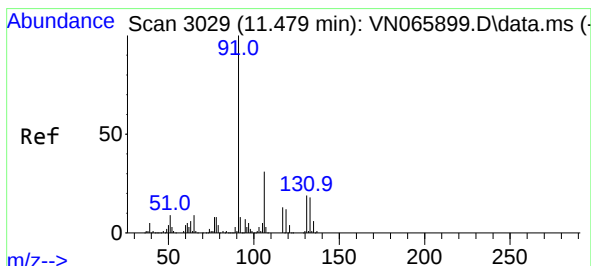
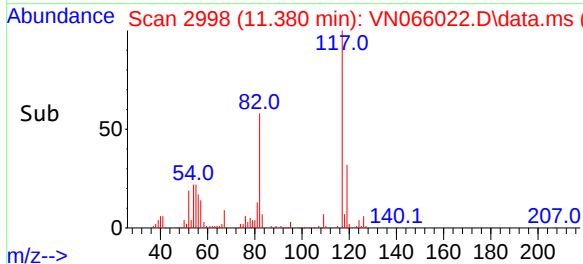
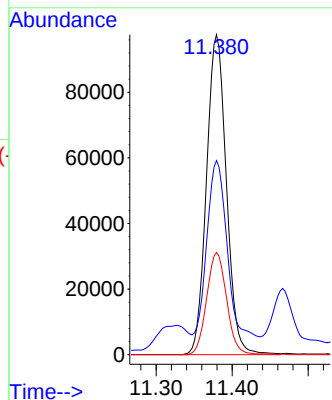
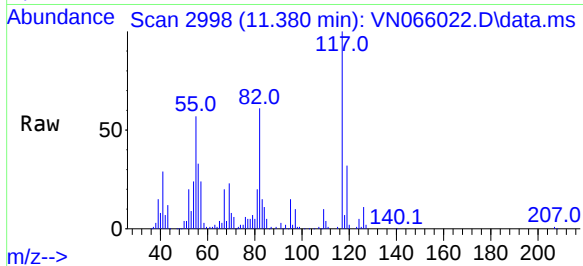




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

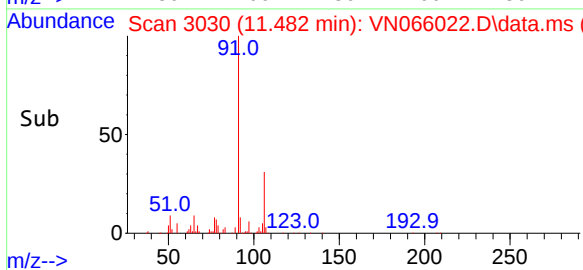
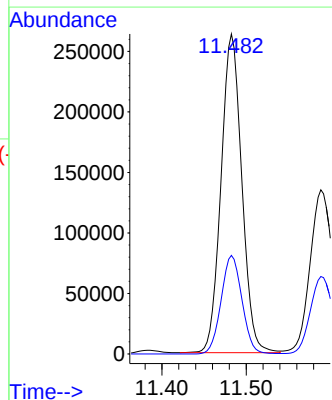
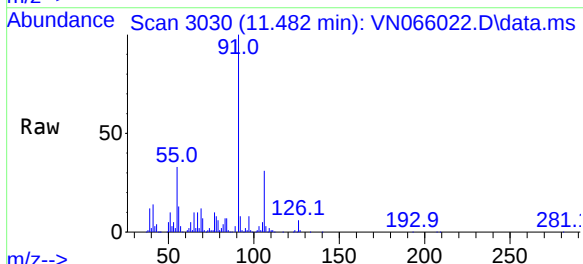
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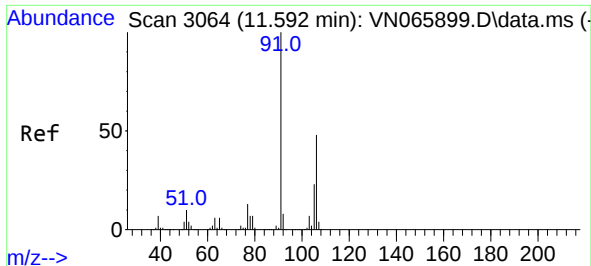
Tgt Ion:117 Resp: 177362
Ion Ratio Lower Upper
117 100
82 51.7 43.7 65.5
119 32.0 26.1 39.1



#67
Ethyl Benzene
Concen: 66.92 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion: 91 Resp: 449250
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

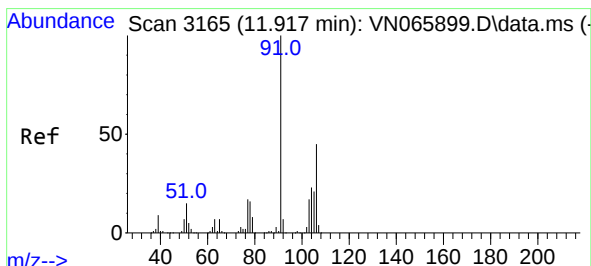
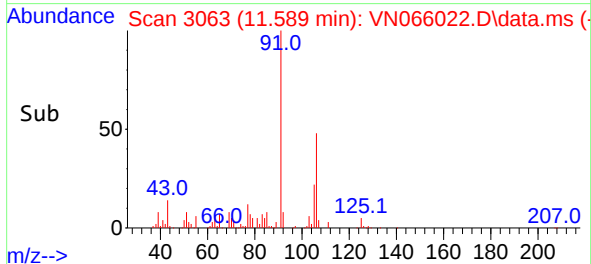
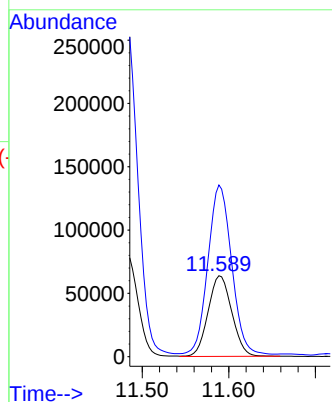
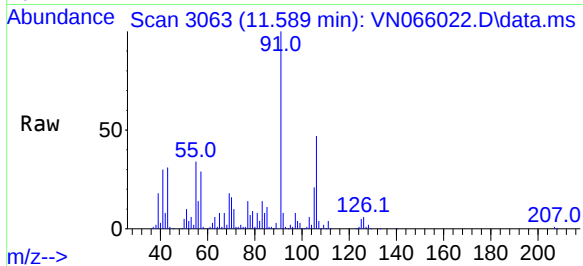




#68
m/p-Xylenes
Concen: 48.21 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

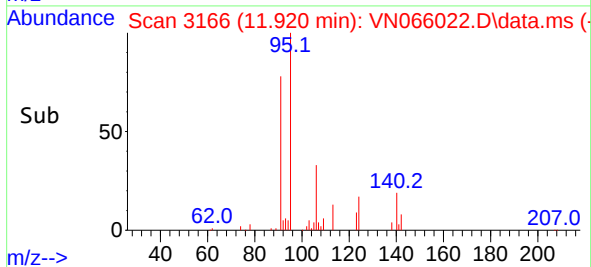
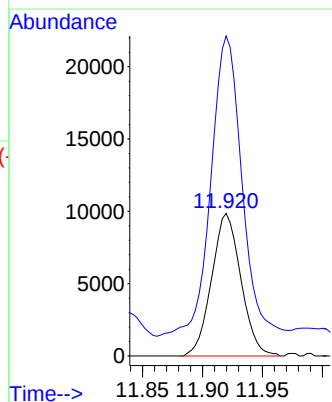
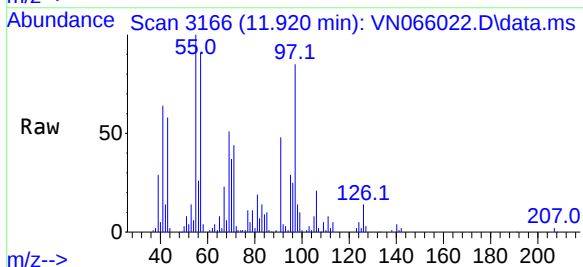
Instrument :
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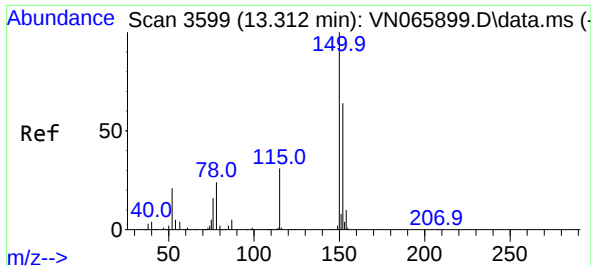
Tgt Ion:106 Resp: 120755
Ion Ratio Lower Upper
106 100
91 209.4 161.4 242.0



#69
o-Xylene
Concen: 6.92 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:106 Resp: 16720
Ion Ratio Lower Upper
106 100
91 229.8 106.8 320.4

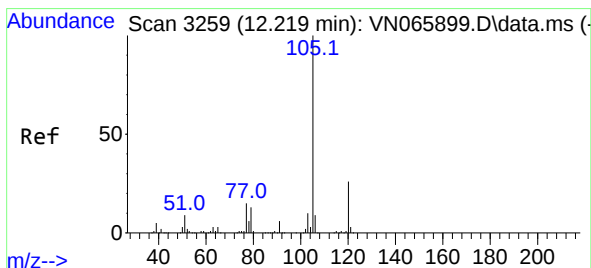
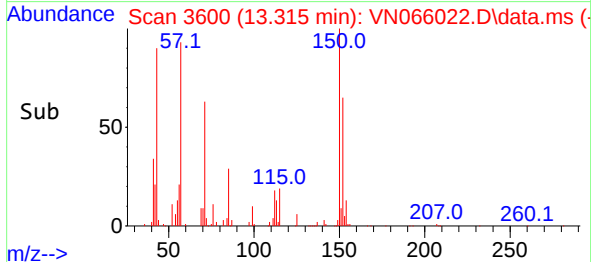
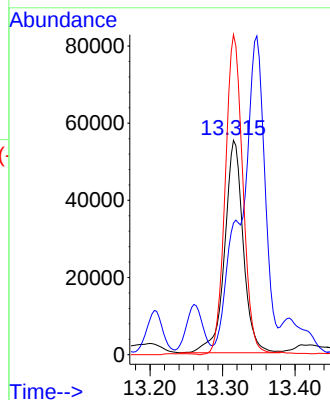
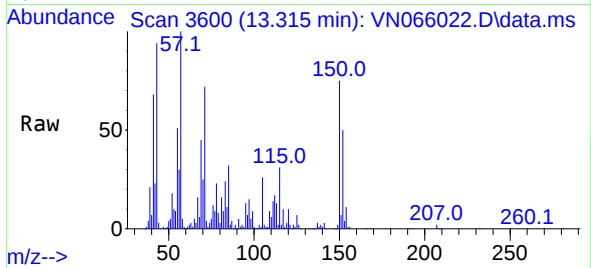




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

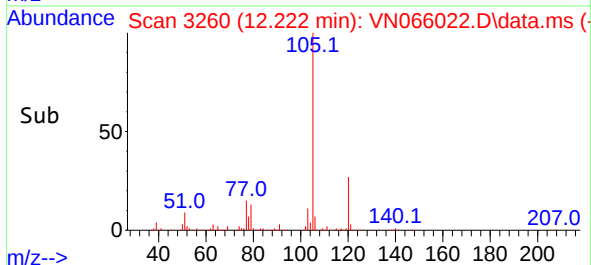
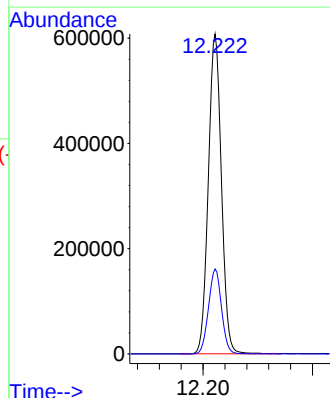
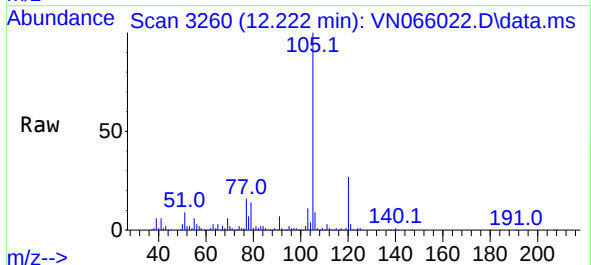
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-02-GRAB

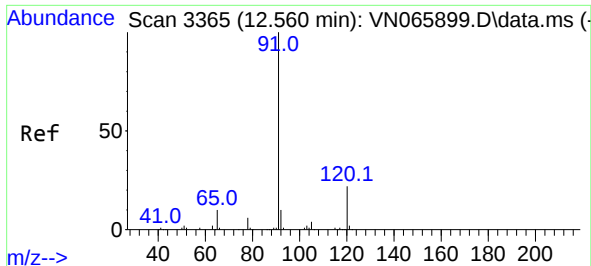
Tgt Ion:152 Resp: 97732
Ion Ratio Lower Upper
152 100
115 45.7 28.5 85.6
150 142.9 0.0 347.6



#73
Isopropylbenzene
Concen: 126.36 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:105 Resp: 1007925
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

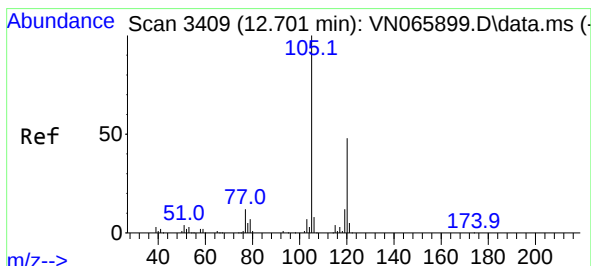
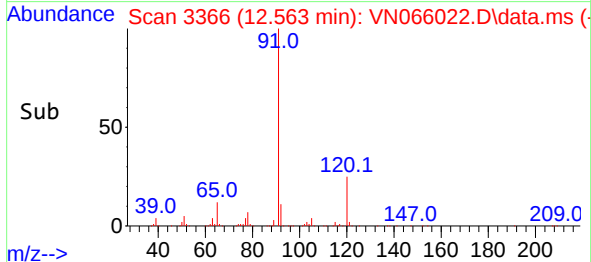
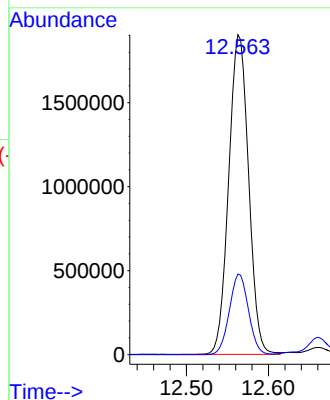
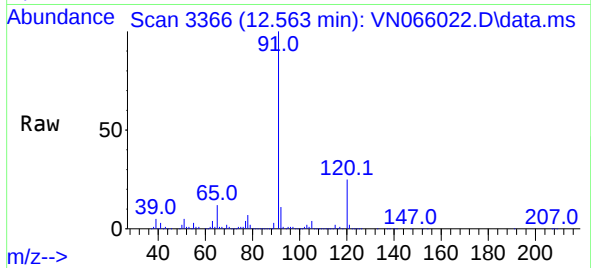




#78
n-propylbenzene
Concen: 353.35 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

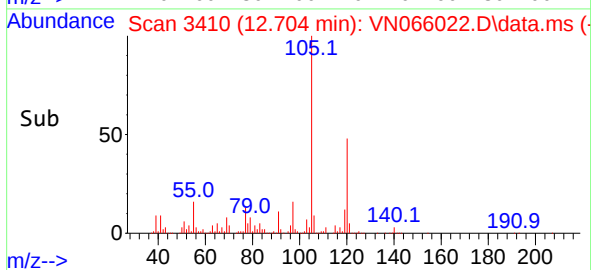
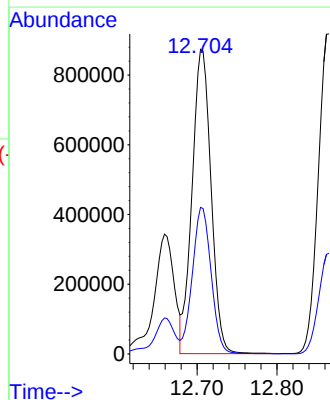
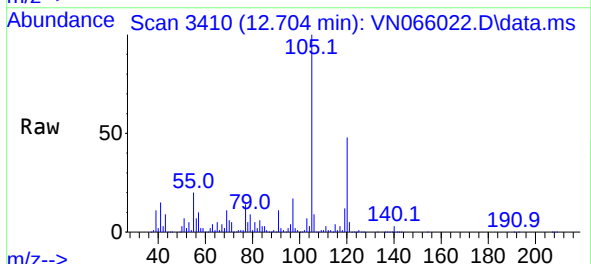
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-02-GRAB

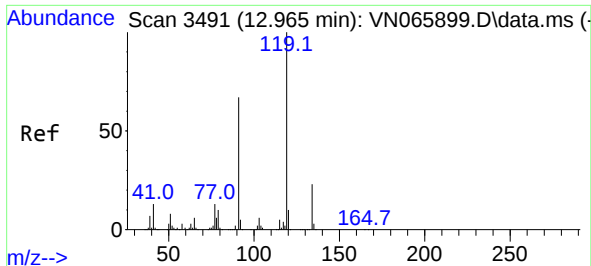
Tgt Ion: 91 Resp: 3205344
Ion Ratio Lower Upper
91 100
120 24.3 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 212.39 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:105 Resp: 1439226
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

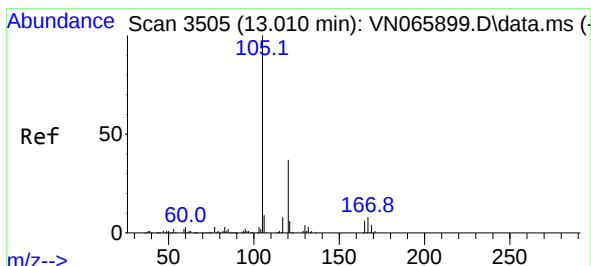
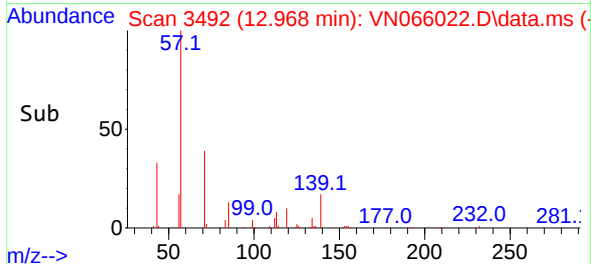
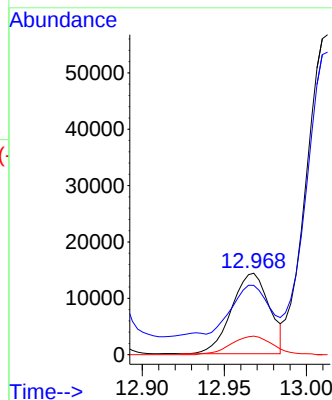
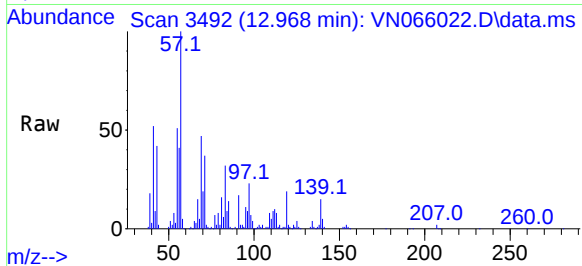




#83
tert-Butylbenzene
Concen: 4.09 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

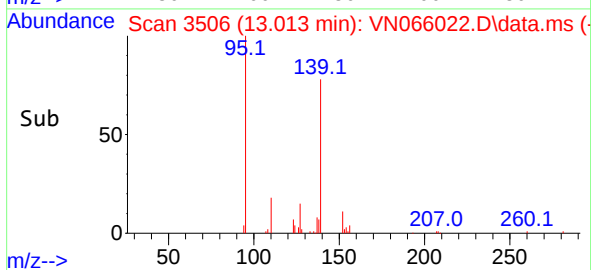
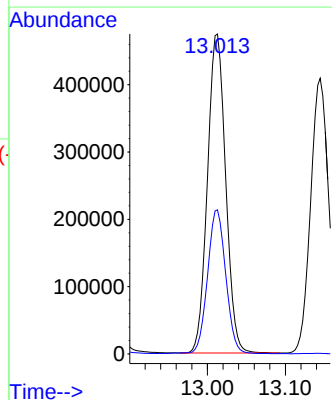
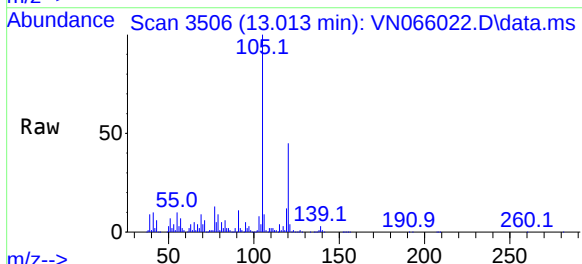
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-02-GRAB

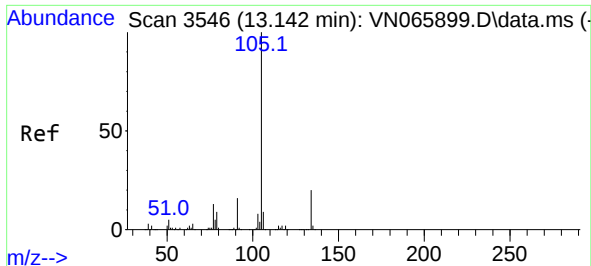
Tgt Ion:119 Resp: 22911
Ion Ratio Lower Upper
119 100
91 58.2 33.0 98.9
134 0.0 12.7 38.1#



#84
1,2,4-Trimethylbenzene
Concen: 113.08 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:105 Resp: 769184
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0

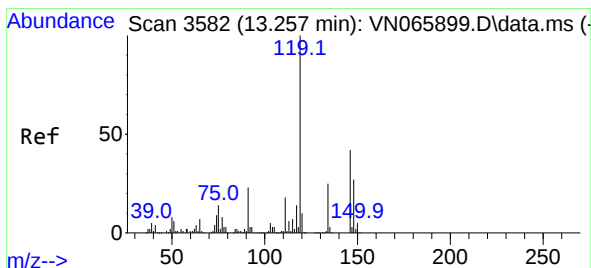
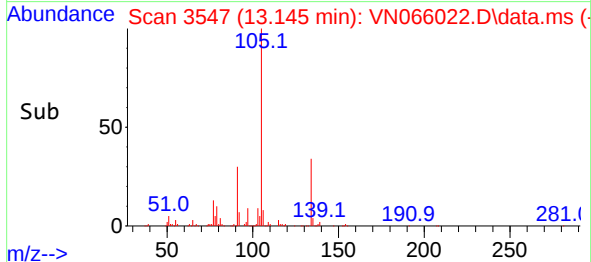
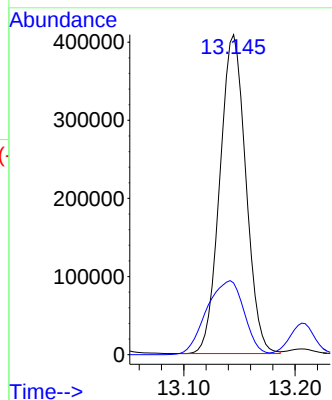
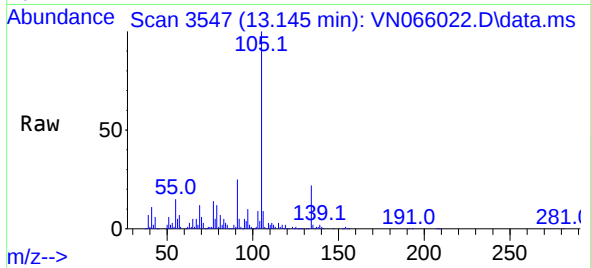




#85
 sec-Butylbenzene
 Concen: 91.01 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. 0.003 min
 Lab File: VN066022.D
 Acq: 25 Feb 2021 12:42

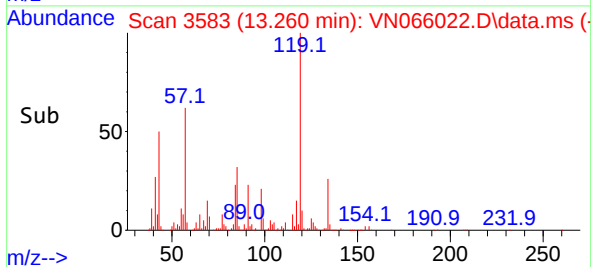
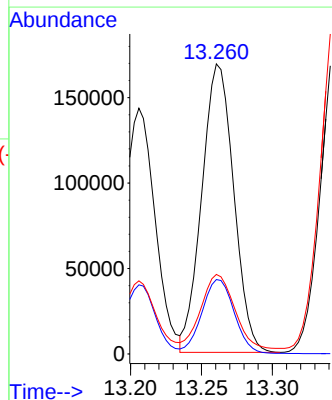
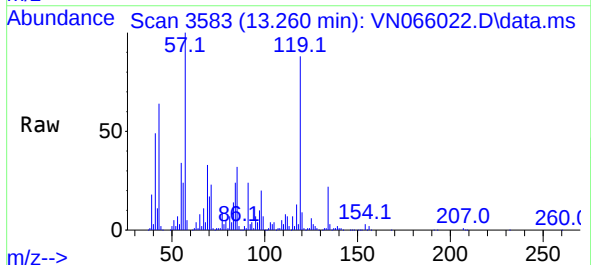
Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-02-GRAB

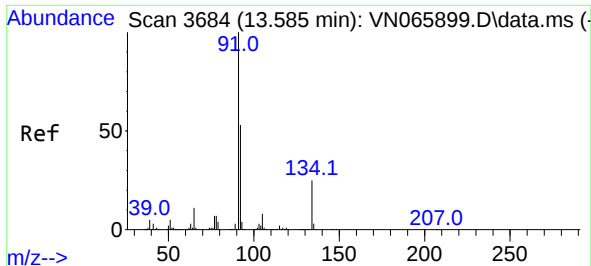
Tgt Ion:105 Resp: 661606
 Ion Ratio Lower Upper
 105 100
 134 33.5 10.0 30.0#



#86
 p-Isopropyltoluene
 Concen: 40.03 ug/l
 RT: 13.260 min Scan# 3583
 Delta R.T. 0.003 min
 Lab File: VN066022.D
 Acq: 25 Feb 2021 12:42

Tgt Ion:119 Resp: 264173
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 26.4 11.8 35.3

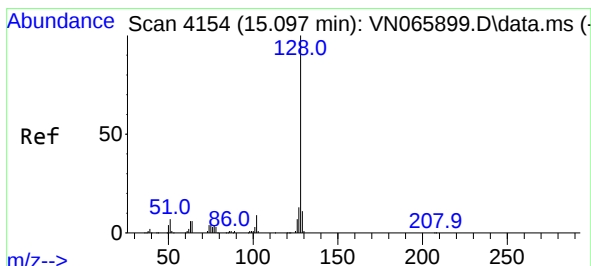
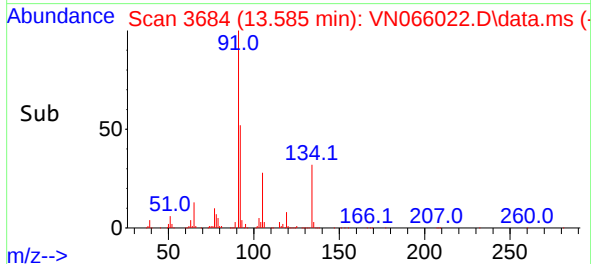
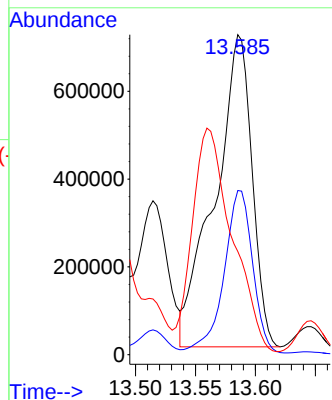
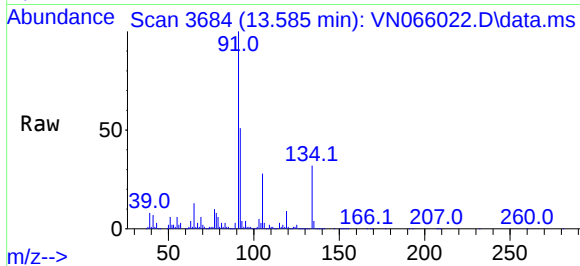




#89
n-Butylbenzene
Concen: 275.27 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-02-GRAB

Tgt Ion: 91 Resp: 1531690
Ion Ratio Lower Upper
91 100
92 40.5 26.1 78.3
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 704.10 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066022.D
Acq: 25 Feb 2021 12:42

Tgt Ion:128 Resp: 4232748
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 11.5 8.6 13.0

