

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022419.D
 Acq On : 04 Jun 2021 17:48
 Operator : JC/MD
 Sample : M2583-04 10X
 Misc : 4.99g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40955

Quant Time: Jun 05 03:21:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	69362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	126790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53663	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56082	52.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.840%	
35) Dibromofluoromethane	5.391	113	42426	47.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.960%	
50) Toluene-d8	8.653	98	176309	51.227	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	11.085	95	65413	51.420	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.840%	

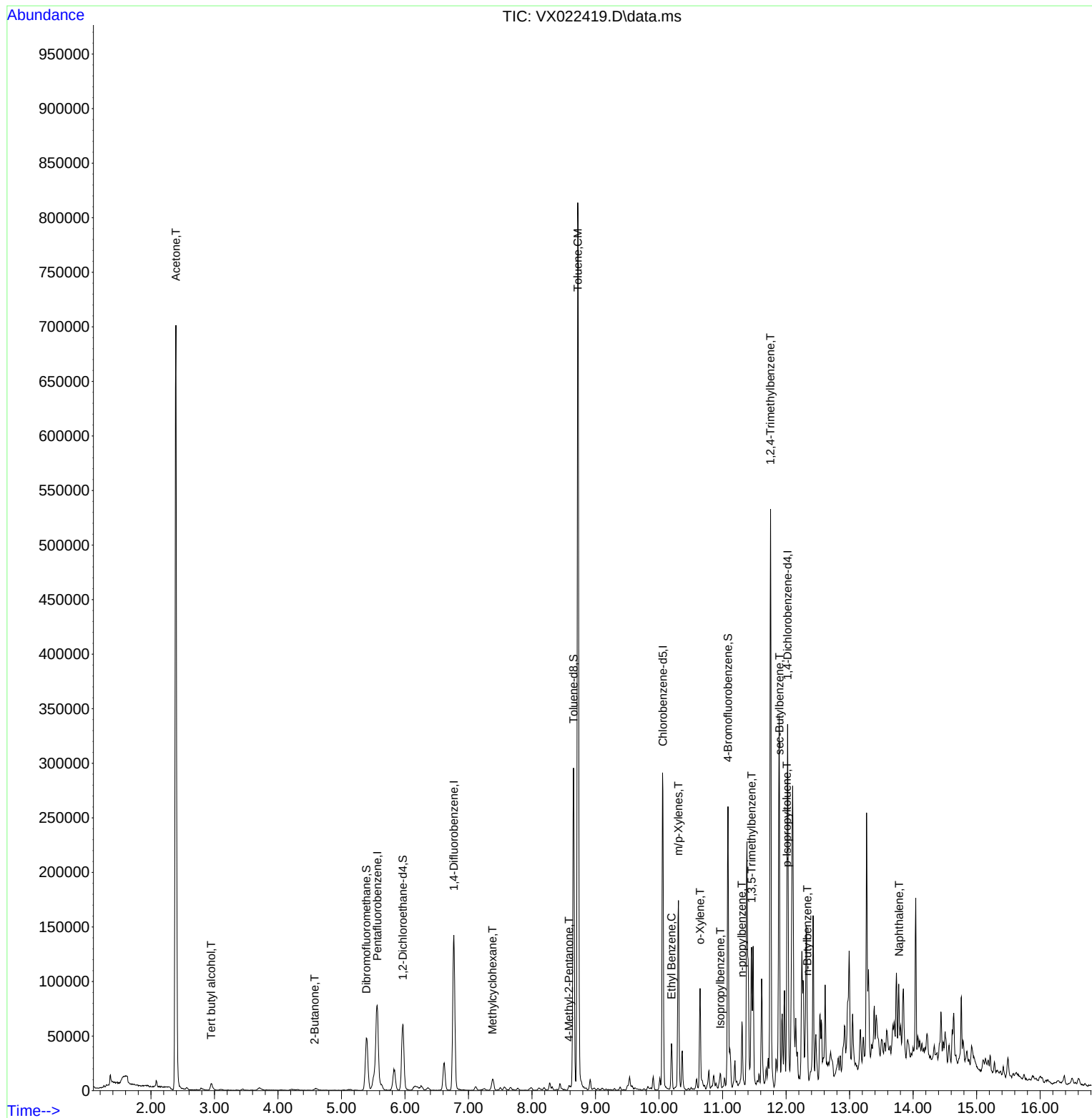
Target Compounds				Qvalue		
11) Tert butyl alcohol	2.947	59	4394	17.955	ug/l #	73
16) Acetone	2.392	43	714944	1534.578	ug/l	96
25) 2-Butanone	4.574	43	1340	1.778	ug/l #	77
39) Methylcyclohexane	7.379	83	4511	3.053	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	2496	1.595	ug/l	89
52) Toluene	8.720	92	308837	121.658	ug/l	100
67) Ethyl Benzene	10.195	91	23837	4.909	ug/l	96
68) m/p-Xylenes	10.305	106	39807	21.693	ug/l	98
69) o-Xylene	10.646	106	18500	10.366	ug/l	93
73) Isopropylbenzene	10.963	105	6985	1.538	ug/l	96
78) n-propylbenzene	11.305	91	34484	6.482	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	52487	13.943	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	207357	54.726	ug/l	100
85) sec-Butylbenzene	11.896	105	9230	2.012	ug/l #	64
86) p-Isopropyltoluene	12.012	119	30235	7.803	ug/l	97
89) n-Butylbenzene	12.335	91	21606	6.028	ug/l #	40
95) Naphthalene	13.780	128	17614	4.197	ug/l #	91

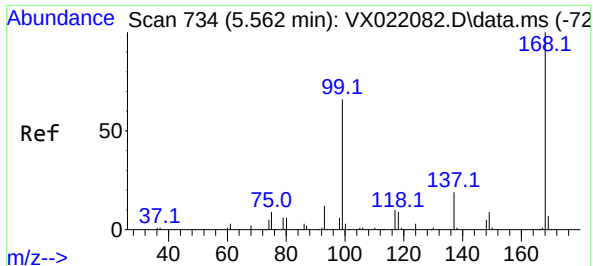
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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40955

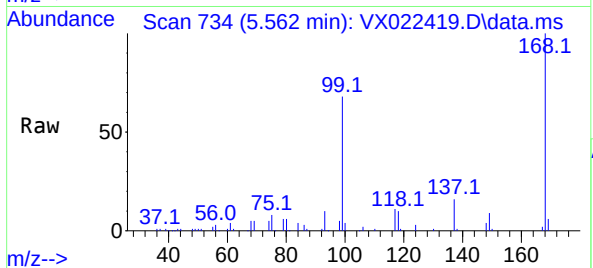
Quant Time: Jun 05 03:21:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



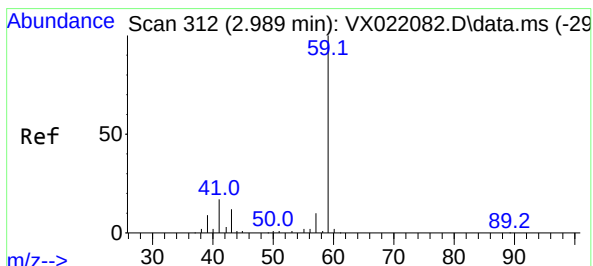
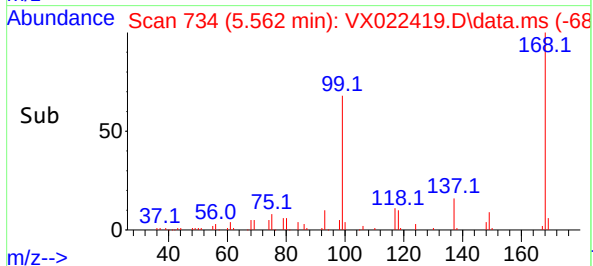
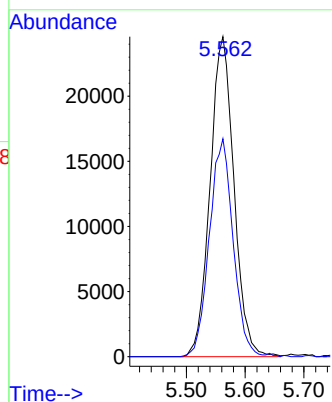


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Instrument :
MSVOA_X
ClientSampleId :
40955

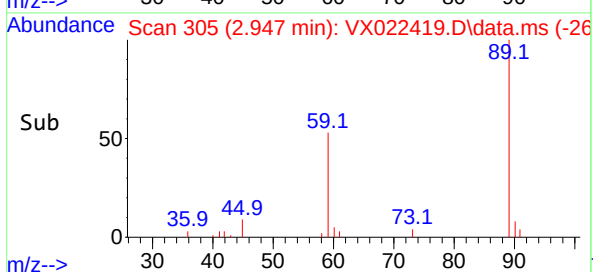
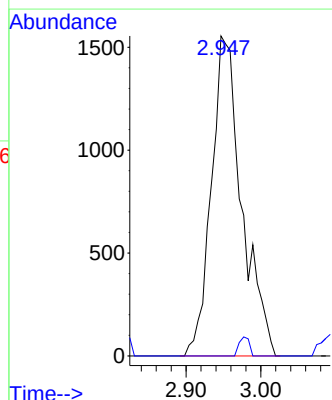
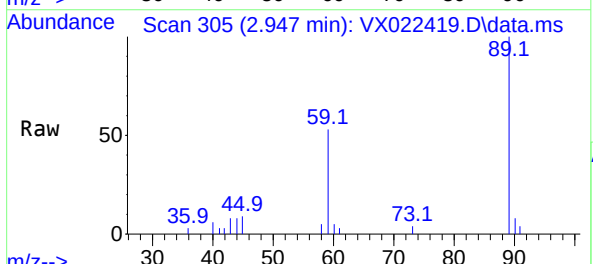


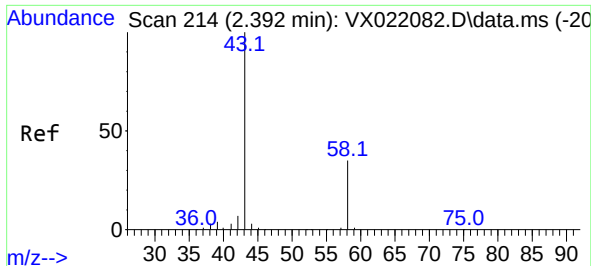
Tgt Ion:168 Resp: 69362
Ion Ratio Lower Upper
168 100
99 68.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 17.955 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 59 Resp: 4394
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

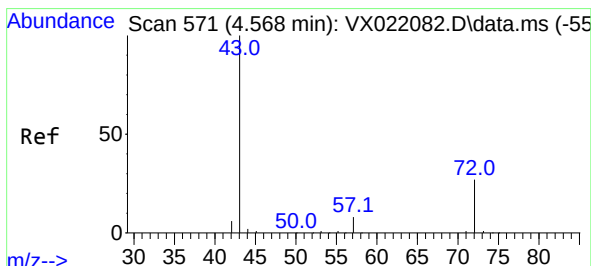
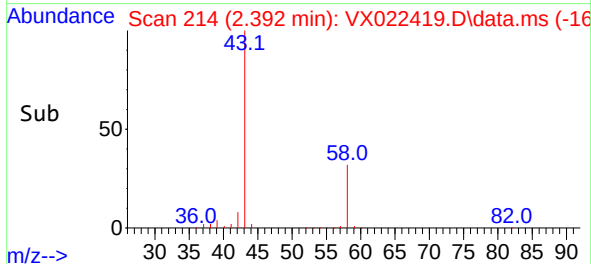
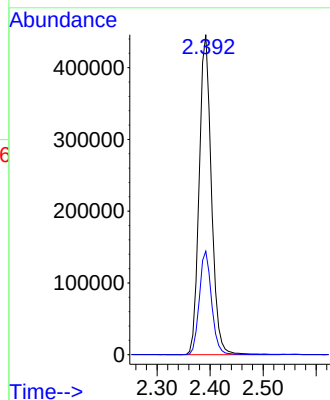
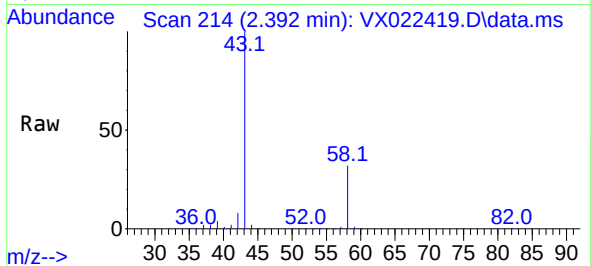




#16
Acetone
Concen: 1534.578 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

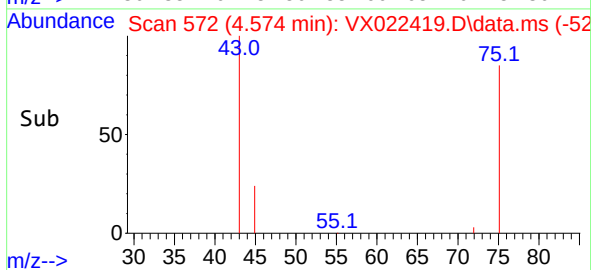
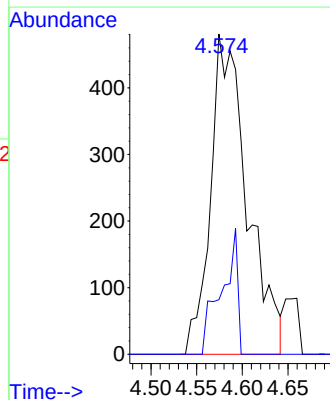
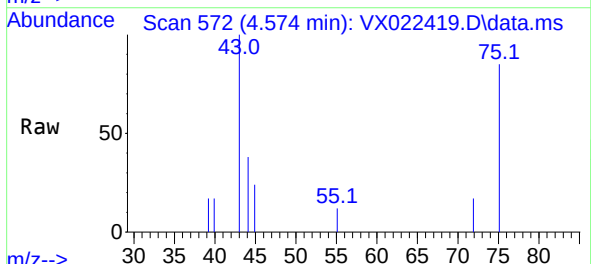
Instrument :
MSVOA_X
ClientSampleId :
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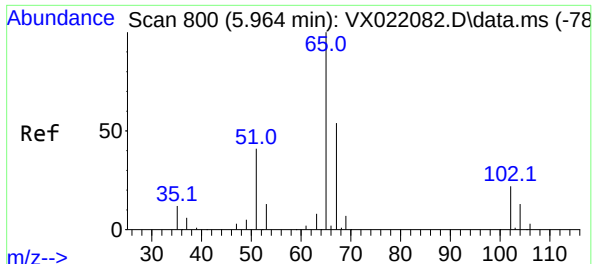
Tgt Ion: 43 Resp: 714944
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8



#25
2-Butanone
Concen: 1.778 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
72 17.0 23.7 35.5#



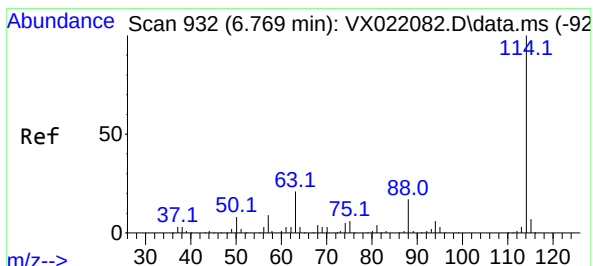
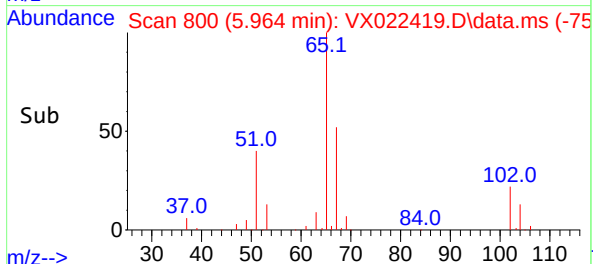
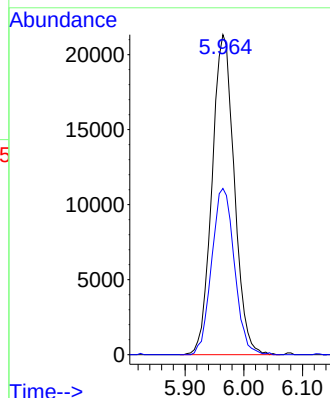
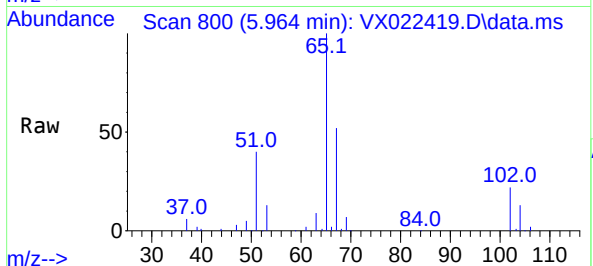


#33

1,2-Dichloroethane-d4
Concen: 52.415 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Instrument :
MSVOA_X
ClientSampleId :
40955

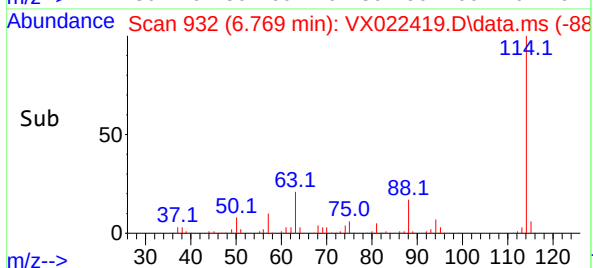
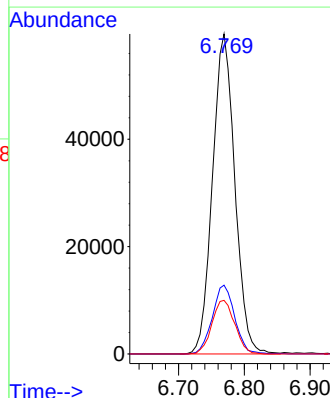
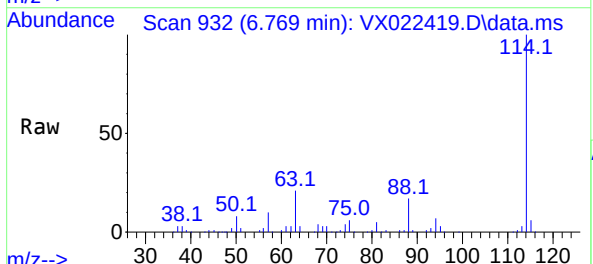
Tgt Ion: 65 Resp: 56082
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

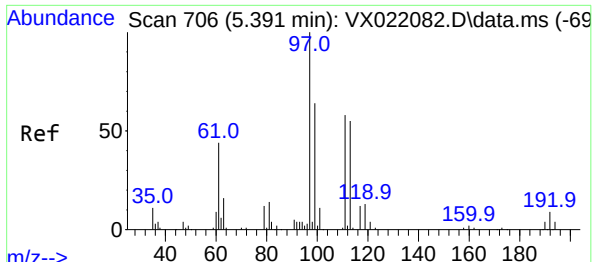


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 114 Resp: 140891
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.7 0.0 32.8

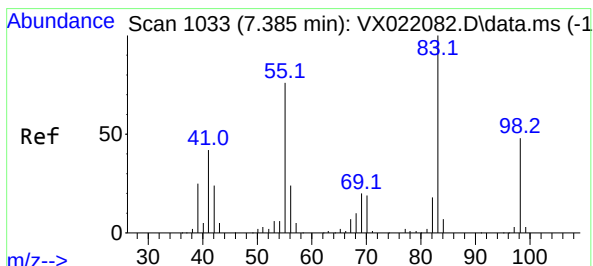
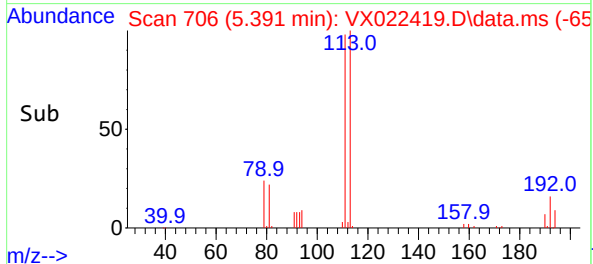
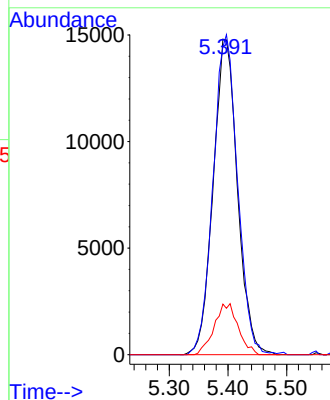
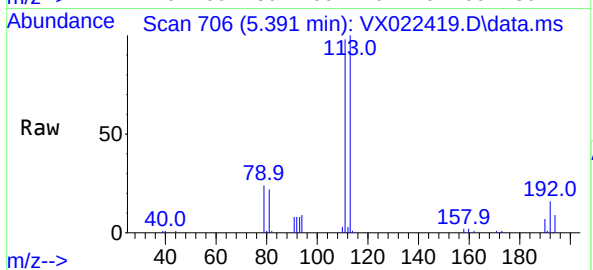




#35
Dibromofluoromethane
Concen: 47.485 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

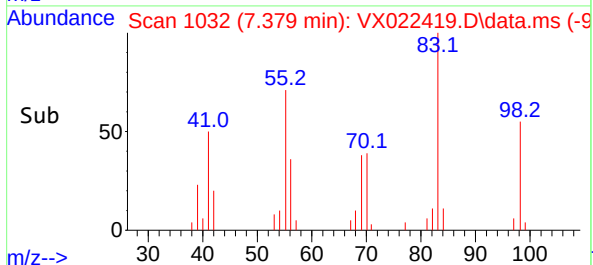
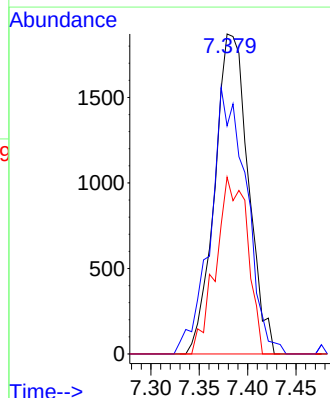
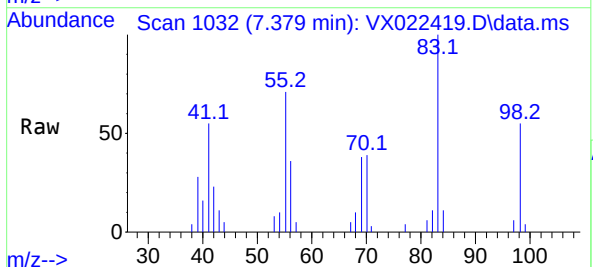
Instrument :
MSVOA_X
ClientSampleId :
40955

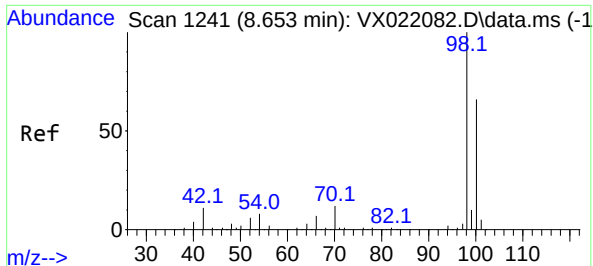
Tgt Ion:113 Resp: 42426
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 16.0 16.7 25.1#



#39
Methylcyclohexane
Concen: 3.053 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 83 Resp: 4511
Ion Ratio Lower Upper
83 100
55 68.4 58.9 88.3
98 55.3 38.1 57.1





#50

Toluene-d8

Concen: 51.227 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022419.D

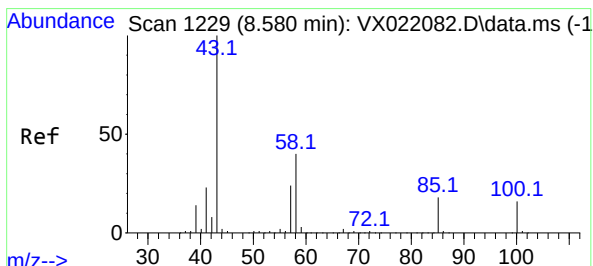
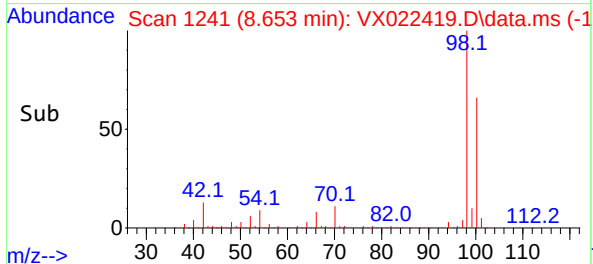
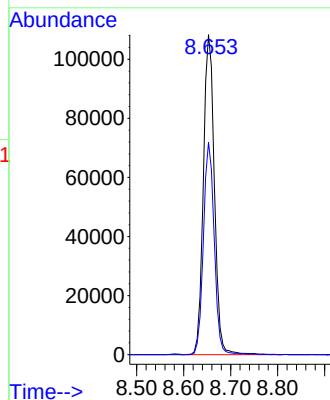
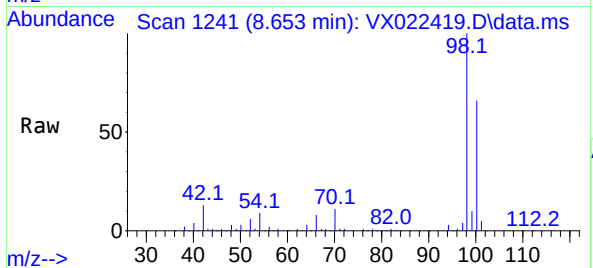
Acq: 04 Jun 2021 17:48

Tgt Ion: 98 Resp: 176309

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.595 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX022419.D

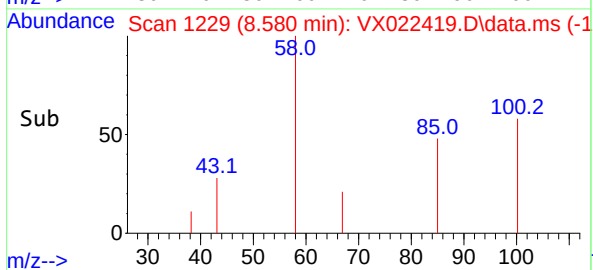
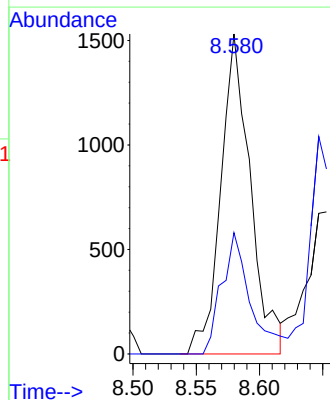
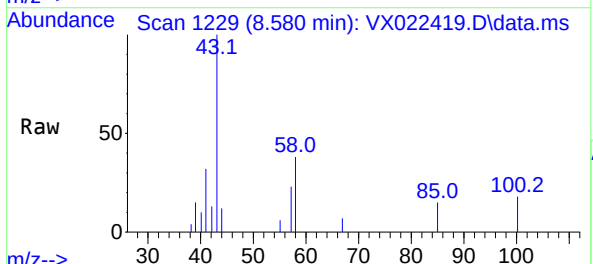
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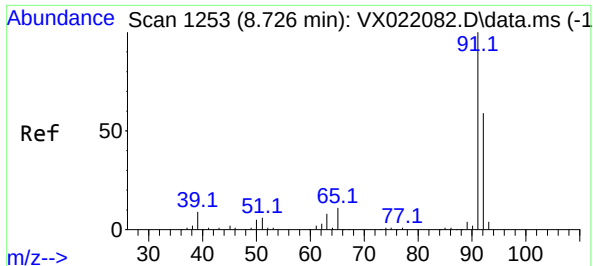
Tgt Ion: 43 Resp: 2496

Ion Ratio Lower Upper

43 100

58 37.3 35.4 53.0

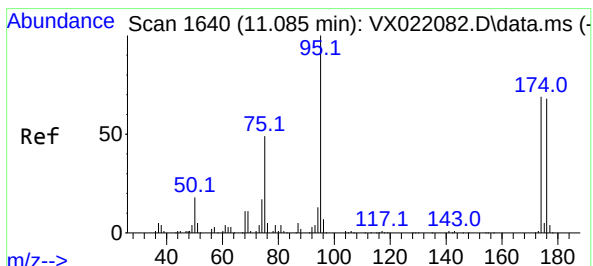
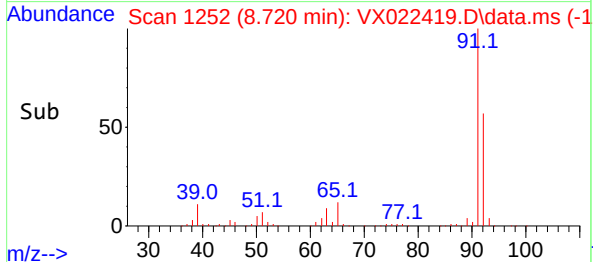
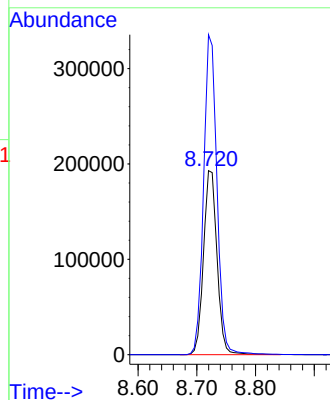
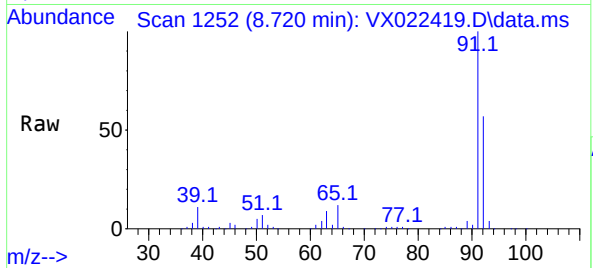




#52
Toluene
Concen: 121.658 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

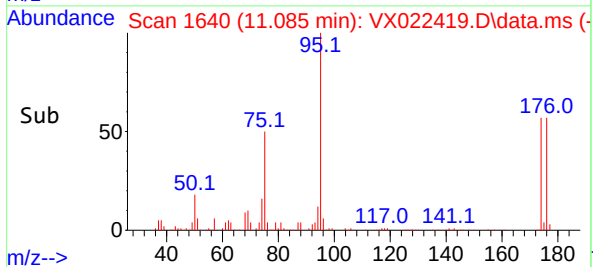
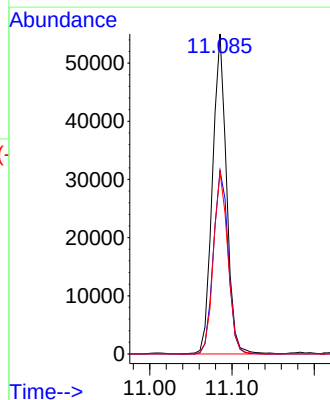
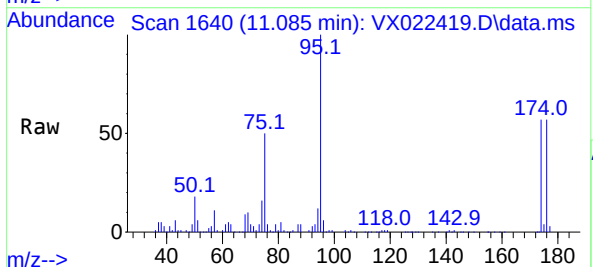
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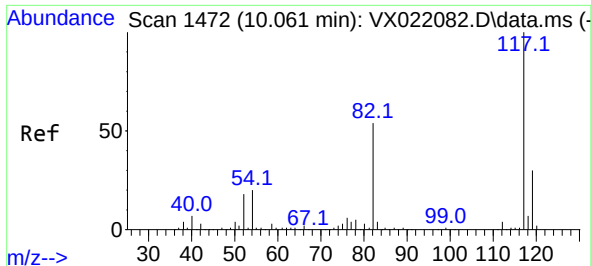
Tgt Ion: 92 Resp: 308837
Ion Ratio Lower Upper
92 100
91 171.6 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 51.420 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 95 Resp: 65413
Ion Ratio Lower Upper
95 100
174 60.3 0.0 154.6
176 58.2 0.0 155.8

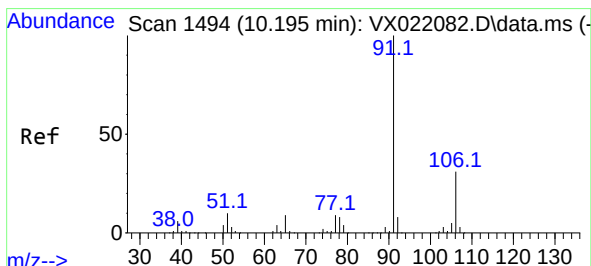
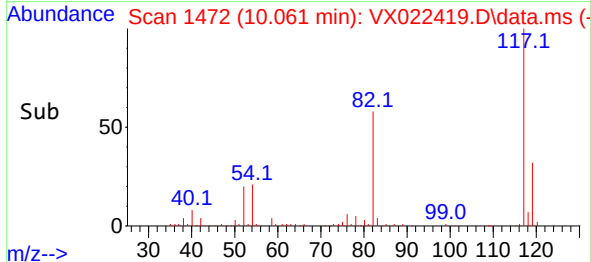
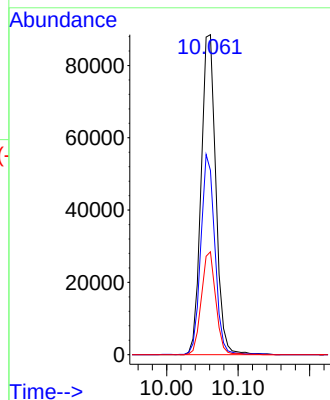
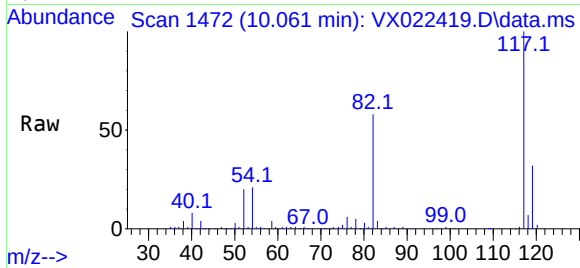




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

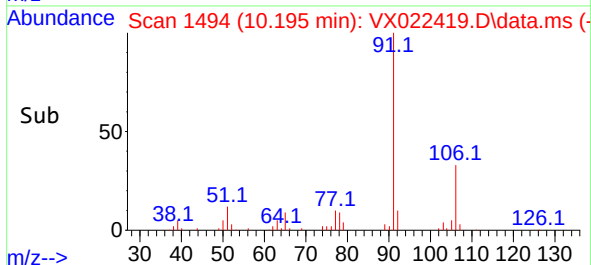
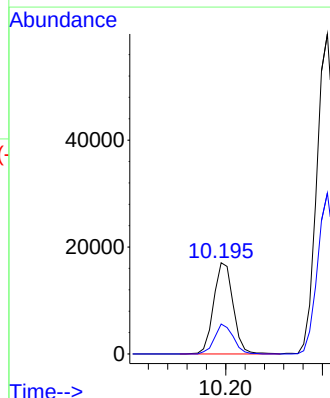
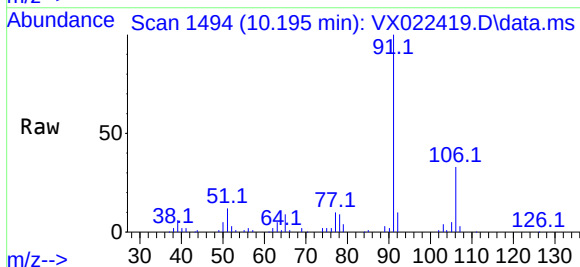
Instrument :
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ClientSampleId :
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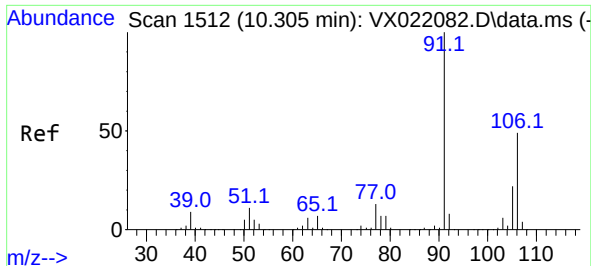
Tgt Ion:117 Resp: 126790
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.2 26.6 39.8



#67
Ethyl Benzene
Concen: 4.909 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 91 Resp: 23837
Ion Ratio Lower Upper
91 100
106 32.9 24.6 37.0

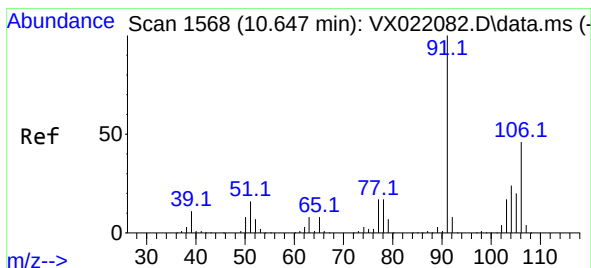
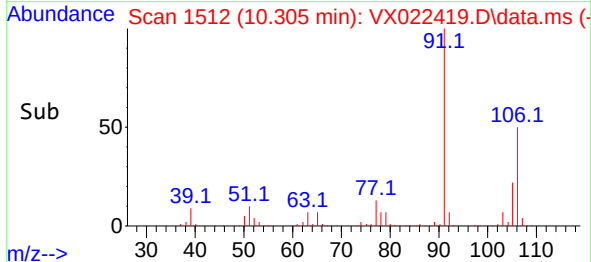
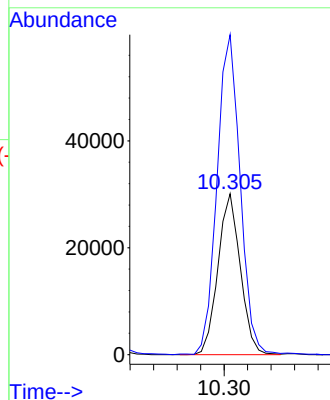
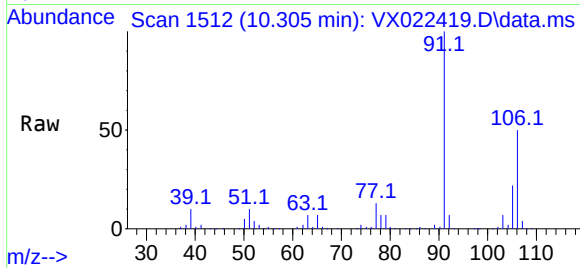




#68
m/p-Xylenes
Concen: 21.693 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

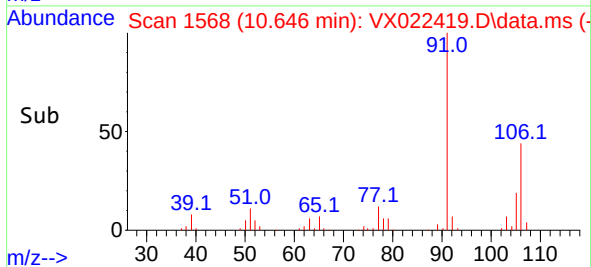
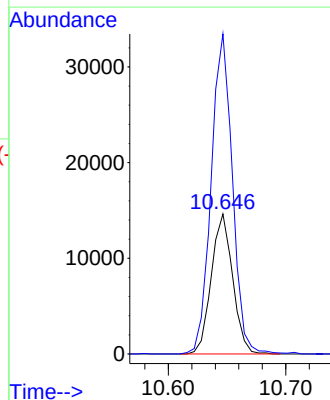
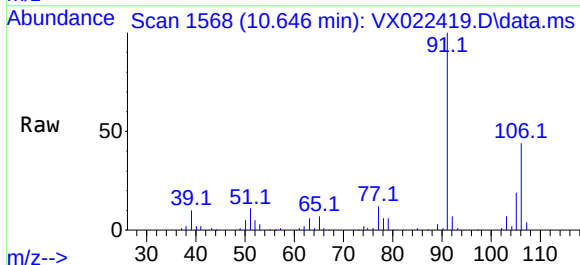
Instrument :
MSVOA_X
ClientSampleId :
40955

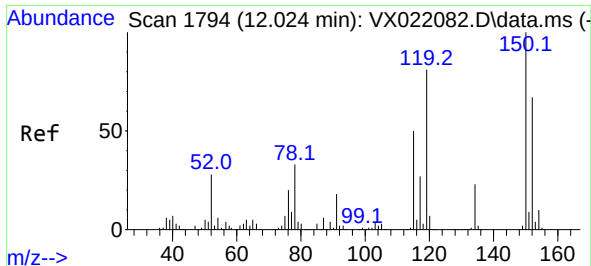
Tgt Ion:106 Resp: 39807
Ion Ratio Lower Upper
106 100
91 206.4 162.8 244.2



#69
o-Xylene
Concen: 10.366 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion:106 Resp: 18500
Ion Ratio Lower Upper
106 100
91 227.6 108.1 324.2

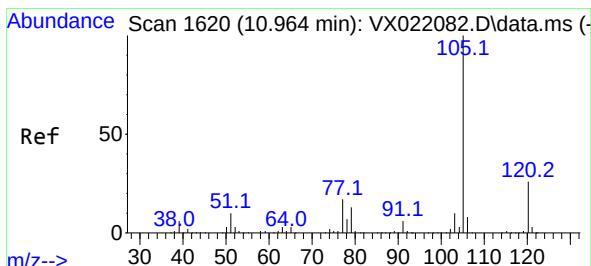
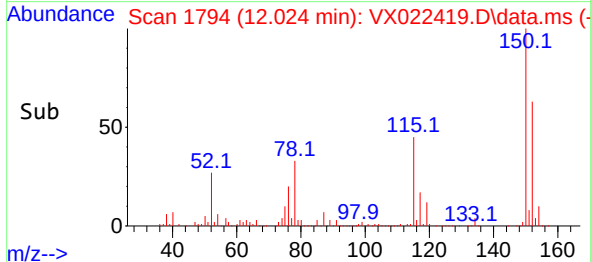
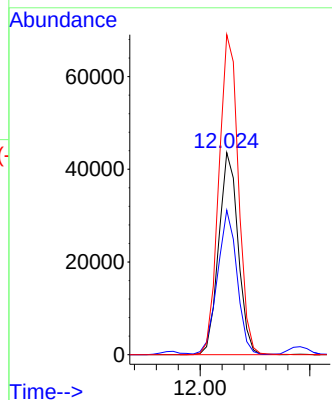
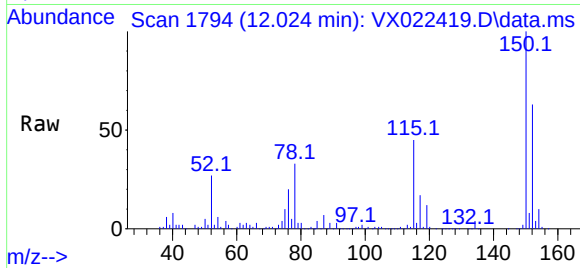




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

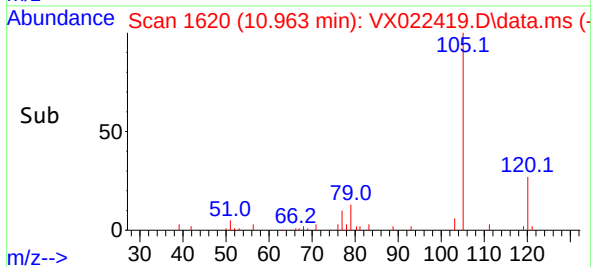
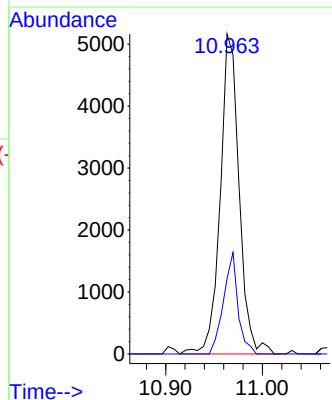
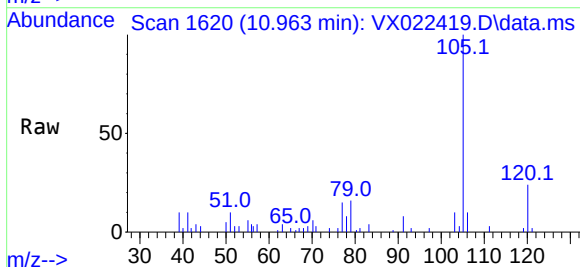
Instrument :
MSVOA_X
ClientSampleId :
40955

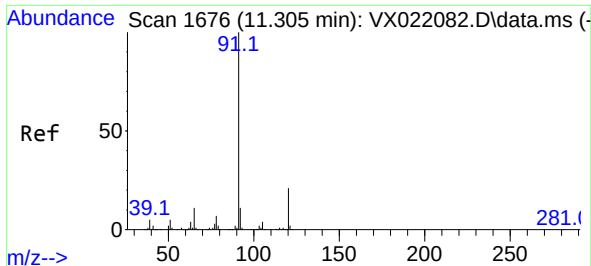
Tgt Ion:152 Resp: 53663
Ion Ratio Lower Upper
152 100
115 71.8 41.1 123.3
150 159.2 0.0 349.0



#73
Isopropylbenzene
Concen: 1.538 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion:105 Resp: 6985
Ion Ratio Lower Upper
105 100
120 24.2 13.2 39.6

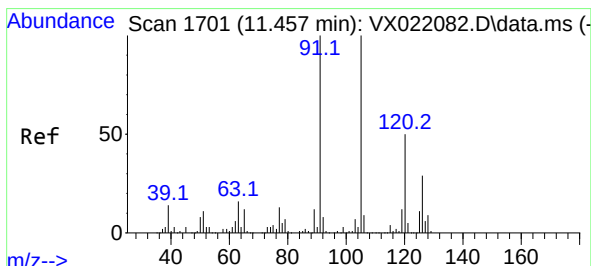
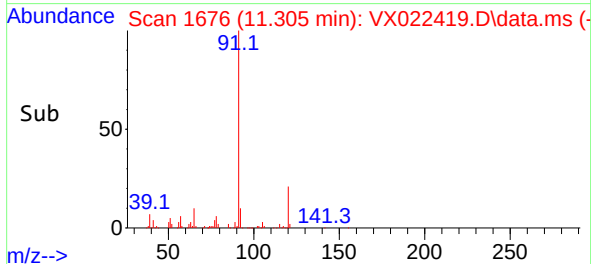
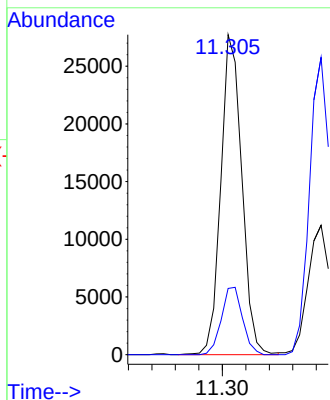
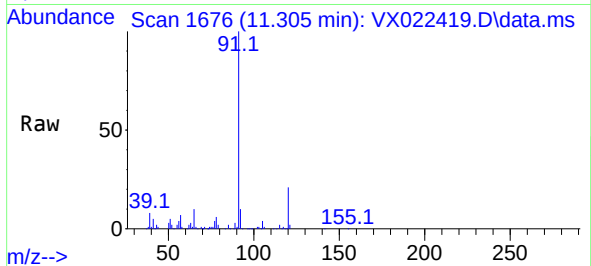




#78
n-propylbenzene
Concen: 6.482 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

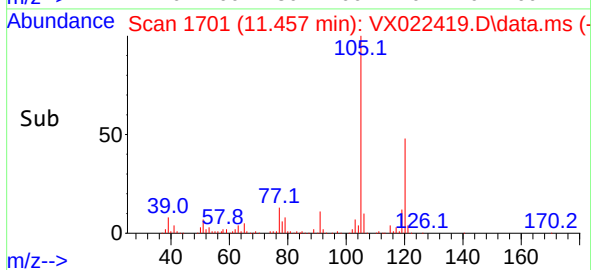
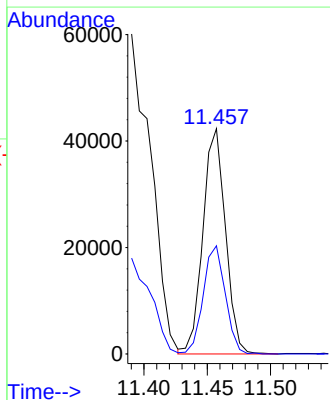
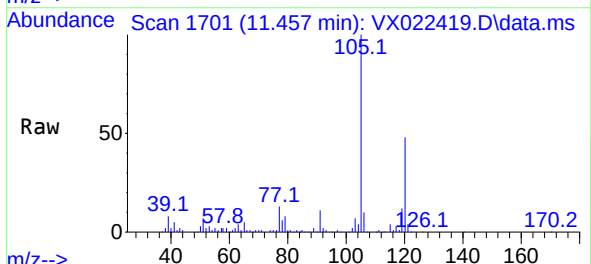
Instrument :
MSVOA_X
ClientSampled :
40955

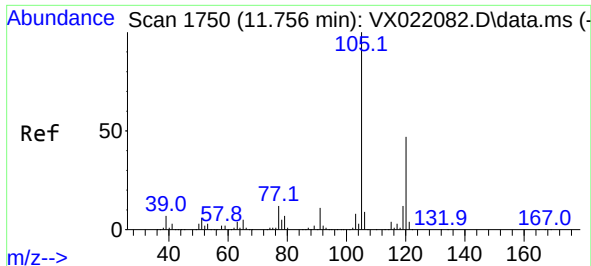
Tgt Ion: 91 Resp: 34484
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 13.943 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 105 Resp: 52487
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5

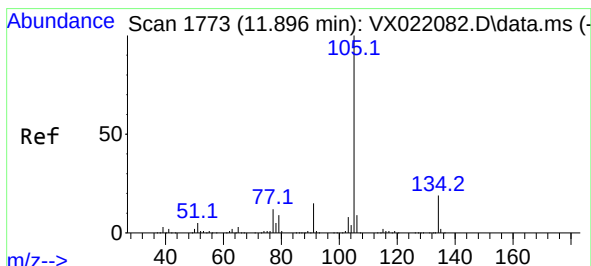
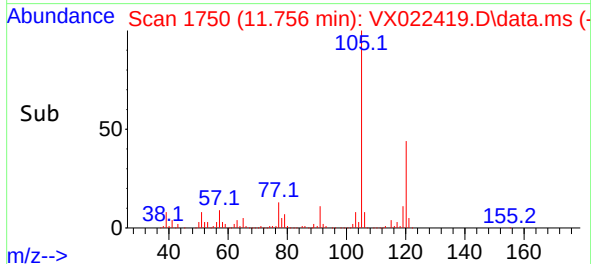
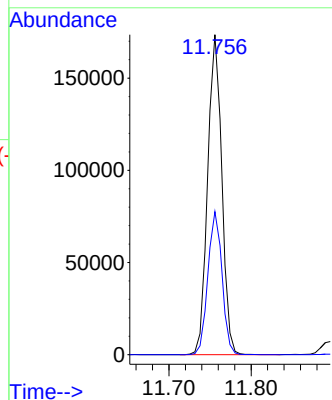
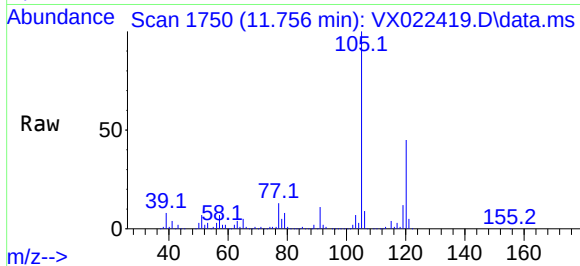




#84
1,2,4-Trimethylbenzene
Concen: 54.726 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

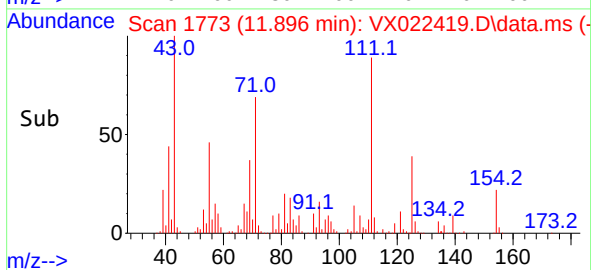
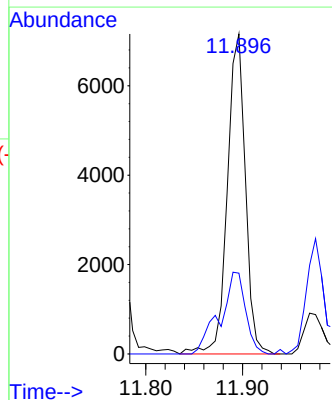
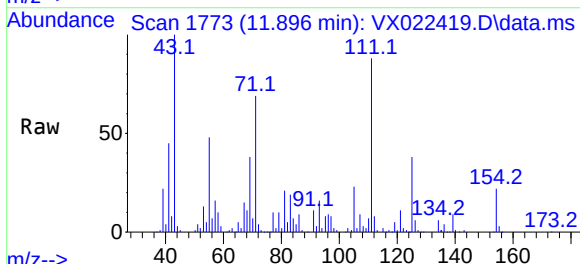
Instrument :
MSVOA_X
ClientSampleId :
40955

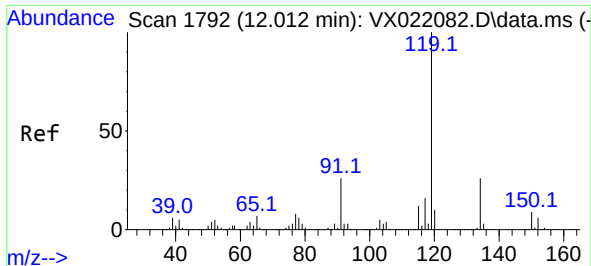
Tgt Ion:105 Resp: 207357
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3



#85
sec-Butylbenzene
Concen: 2.012 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion:105 Resp: 9230
Ion Ratio Lower Upper
105 100
134 36.3 10.0 29.8#



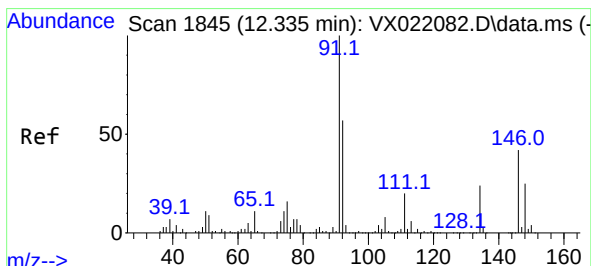
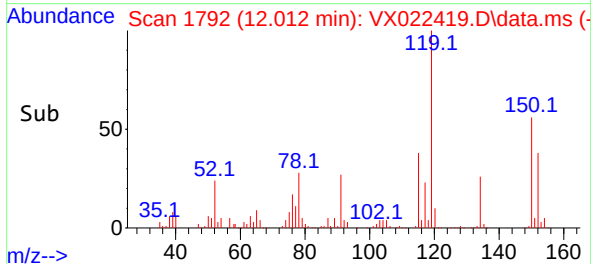
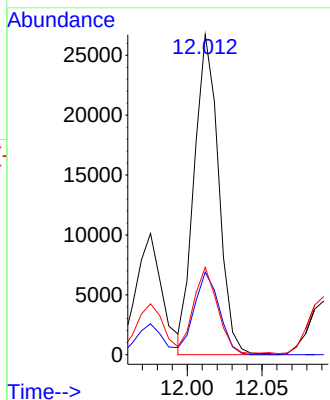
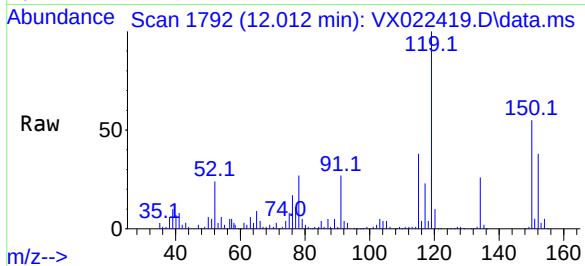


#86
p-Isopropyltoluene
Concen: 7.803 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Instrument :
MSVOA_X
ClientSampled :
40955

Tgt Ion:119 Resp: 30235

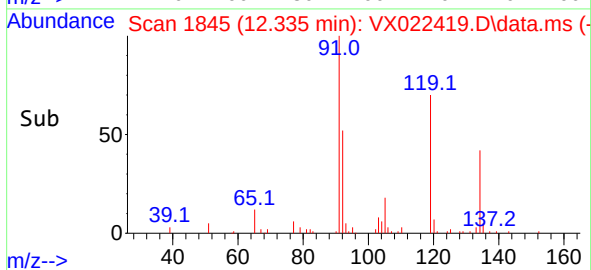
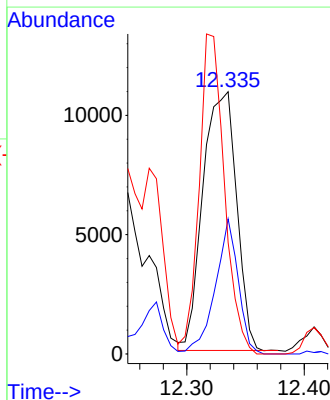
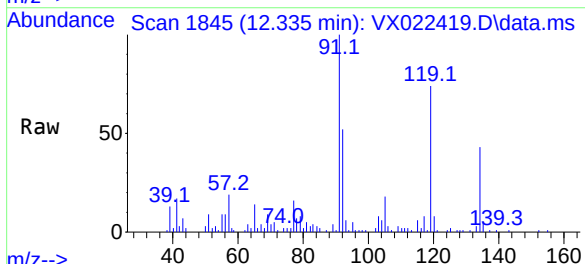
Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	26.1	11.7	35.0

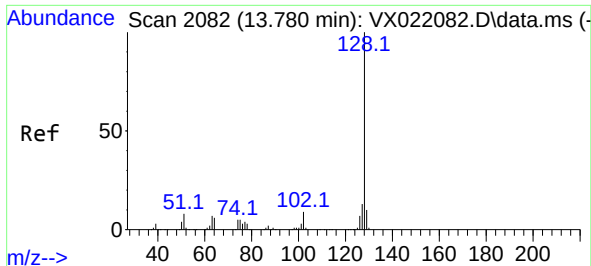


#89
n-Butylbenzene
Concen: 6.028 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Tgt Ion: 91 Resp: 21606

Ion	Ratio	Lower	Upper
91	100		
92	35.6	27.4	82.0
134	93.0	13.2	39.5#





#95
Naphthalene
Concen: 4.197 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022419.D
Acq: 04 Jun 2021 17:48

Instrument :
MSVOA_X
ClientSampleId :
40955

Tgt Ion:128 Resp: 17614
Ion Ratio Lower Upper
128 100
127 16.0 10.3 15.5#
129 14.8 8.8 13.2#

