

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026307.D
 Acq On : 05 Jan 2022 06:06
 Operator : JC/MD
 Sample : N1005-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EMER-SB

Quant Time: Jan 05 06:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

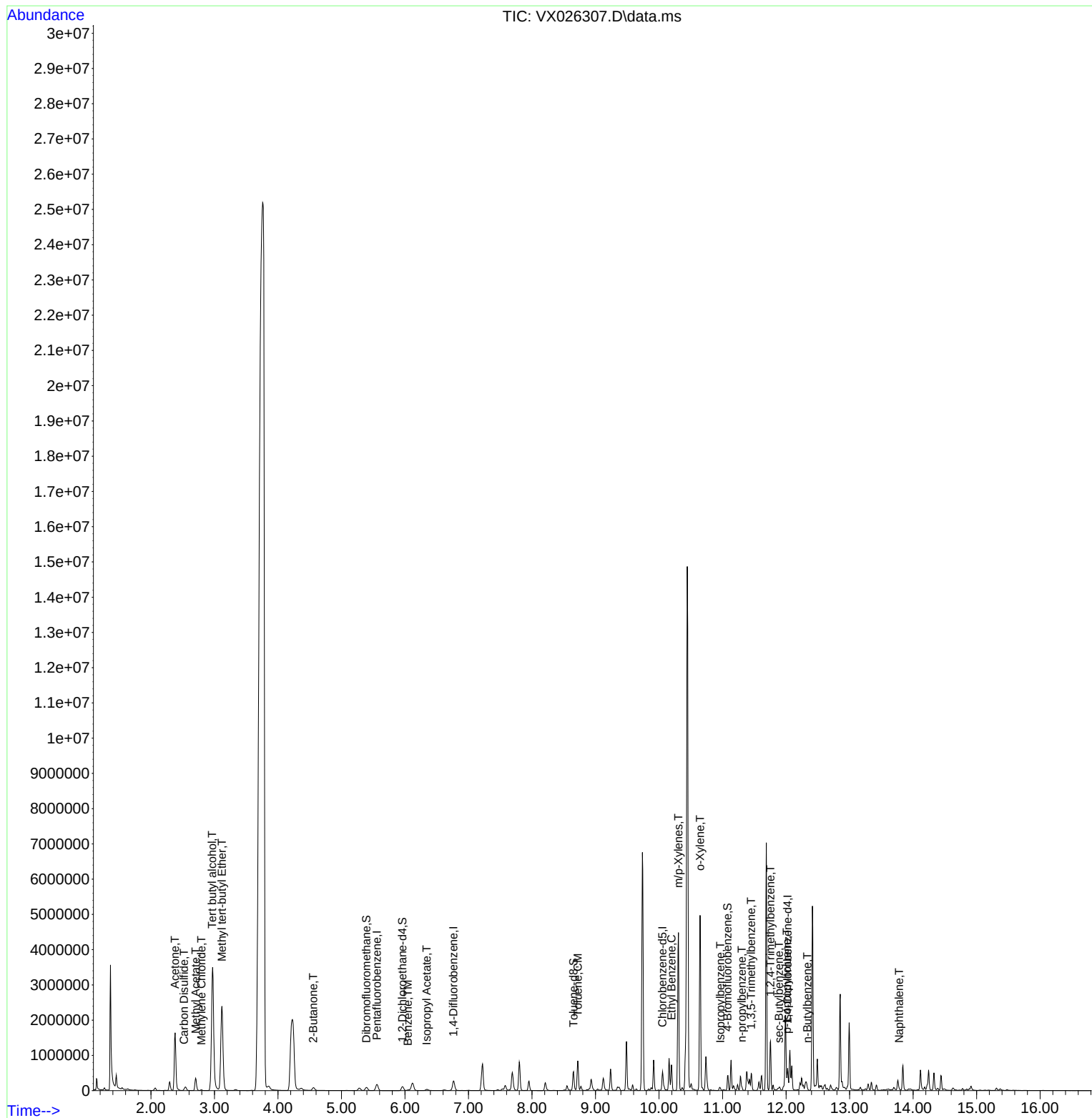
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	156226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114034	50.455	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.900%
35) Dibromofluoromethane	5.391	113	79317	46.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.653	98	308384	48.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	116586	51.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.320%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	1543449	3419.081	ug/l #	93
16) Acetone	2.380	43	1867441	1524.974	ug/l	96
17) Carbon Disulfide	2.520	76	12625	2.543	ug/l	99
18) Methyl Acetate	2.703	43	427547	107.638	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	2781805	460.371	ug/l	97
20) Methylene Chloride	2.794	84	10232	4.363	ug/l	96
25) 2-Butanone	4.556	43	139937	82.035	ug/l	95
40) Benzene	6.044	78	19194	2.423	ug/l	98
43) Isopropyl Acetate	6.342	43	26096	4.974	ug/l #	92
52) Toluene	8.720	92	306771	62.894	ug/l	100
67) Ethyl Benzene	10.195	91	392823	43.716	ug/l	98
68) m/p-Xylenes	10.305	106	999898	298.021	ug/l	95
69) o-Xylene	10.646	106	1048879	319.510	ug/l	97
73) Isopropylbenzene	10.963	105	24975	2.956	ug/l	98
78) n-propylbenzene	11.305	91	44945	4.627	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	177025	25.248	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	612075	87.366	ug/l	98
85) sec-Butylbenzene	11.890	105	27241	3.208	ug/l	89
86) p-Isopropyltoluene	12.012	119	20112	2.841	ug/l #	1
89) n-Butylbenzene	12.335	91	32500	5.165	ug/l #	41
95) Naphthalene	13.780	128	27538	3.278	ug/l	98

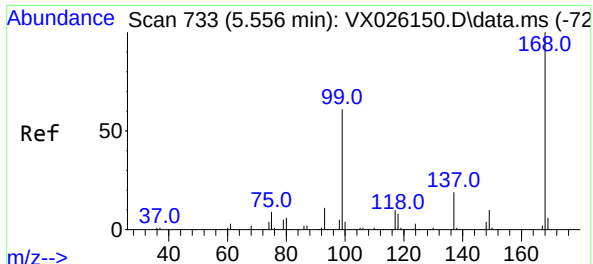
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

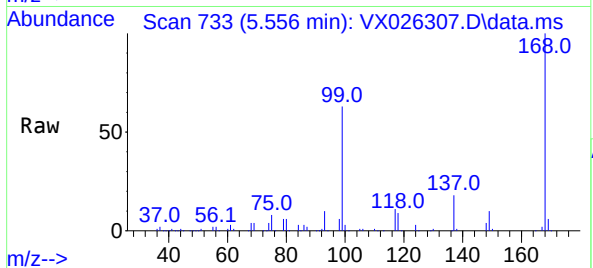
Quant Time: Jan 05 06:45:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



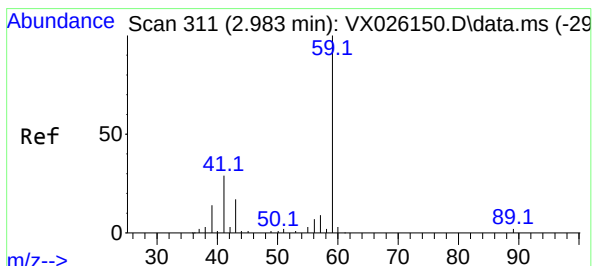
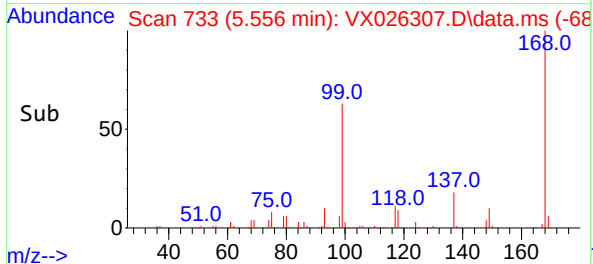
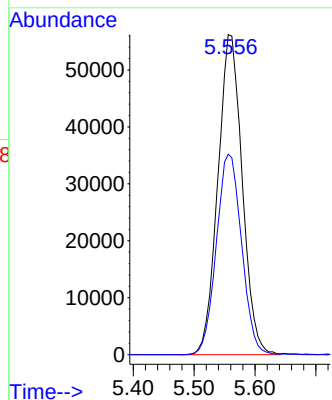


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

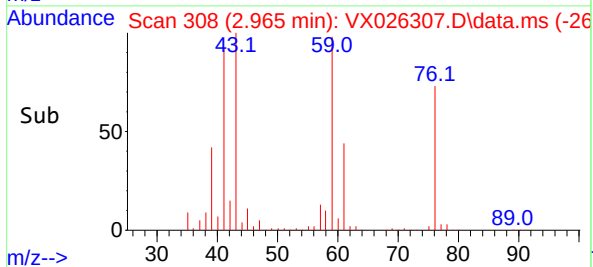
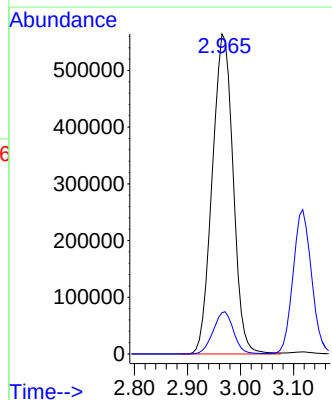
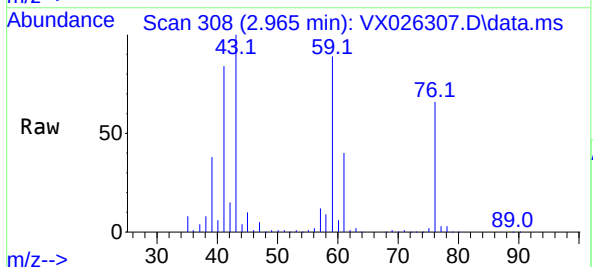


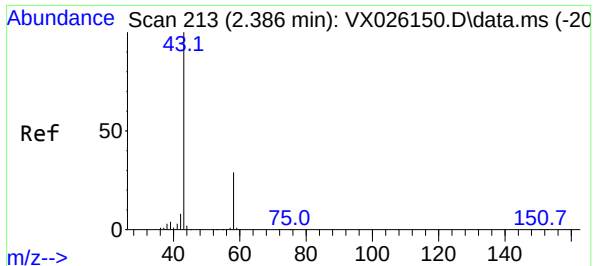
Tgt Ion:168 Resp: 156226
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.8



#11
Tert butyl alcohol
Concen: 3419.081 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion: 59 Resp: 1543449
Ion Ratio Lower Upper
59 100
57 12.9 8.2 12.2#

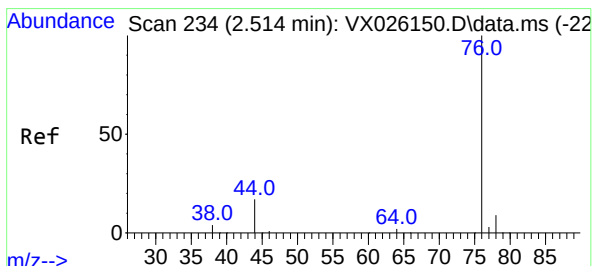
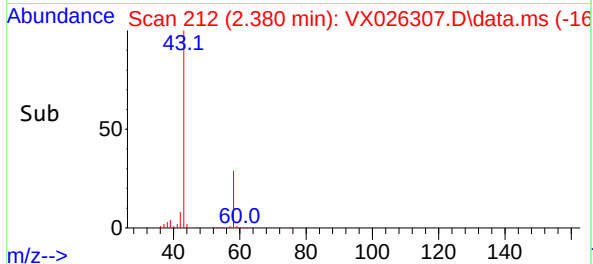
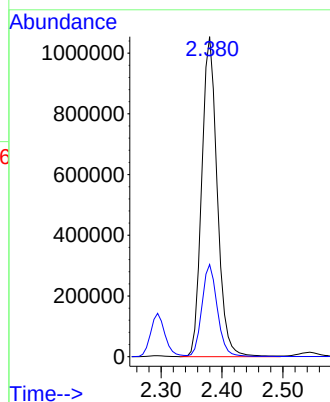
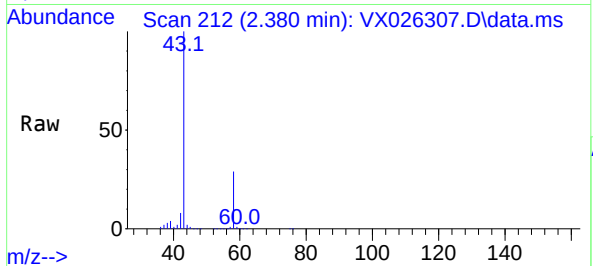




#16
Acetone
Concen: 1524.974 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

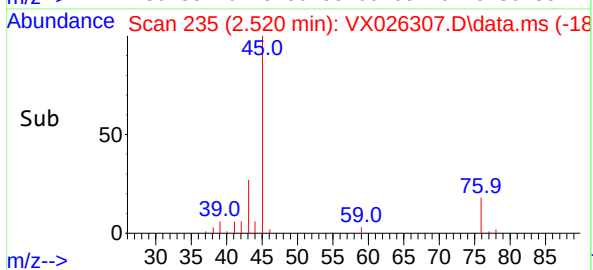
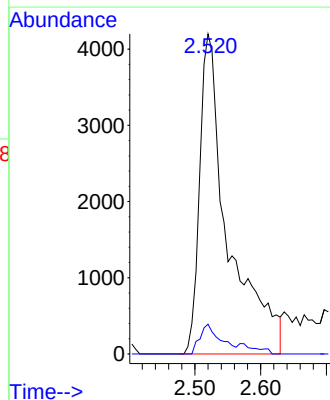
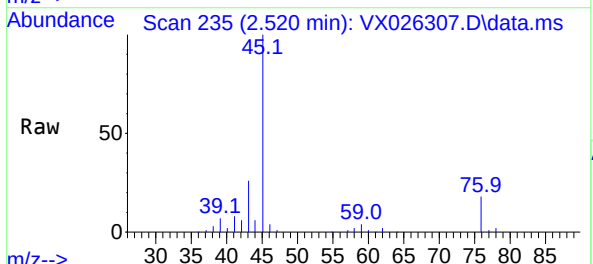
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

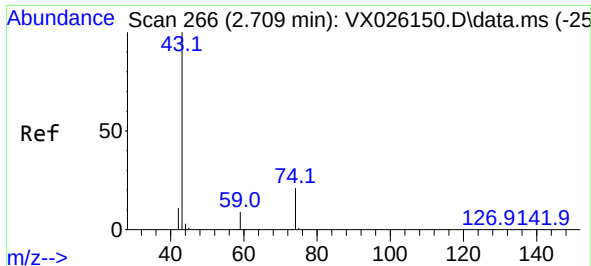
Tgt Ion: 43 Resp: 1867441
Ion Ratio Lower Upper
43 100
58 28.7 24.8 37.2



#17
Carbon Disulfide
Concen: 2.543 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion: 76 Resp: 12625
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

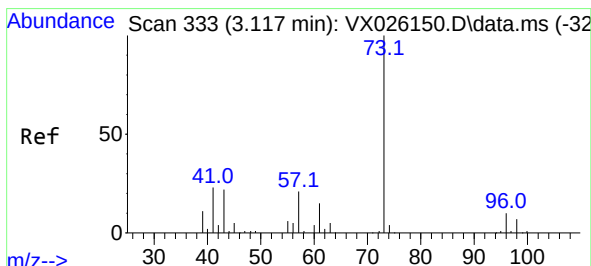
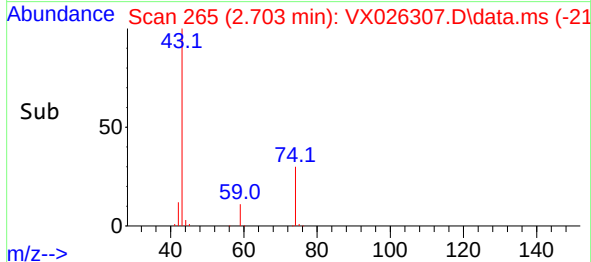
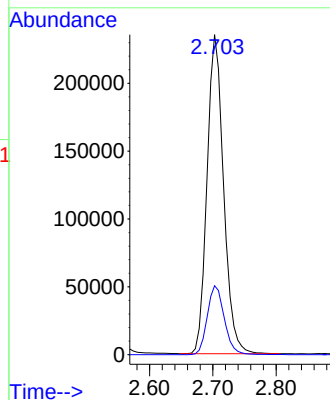
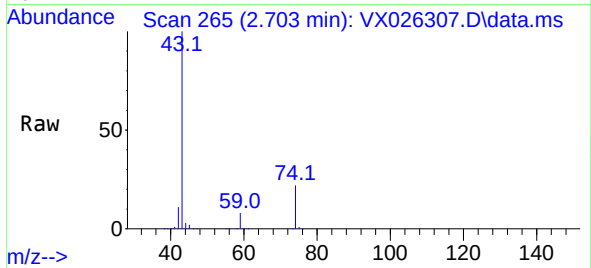




#18
Methyl Acetate
Concen: 107.638 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

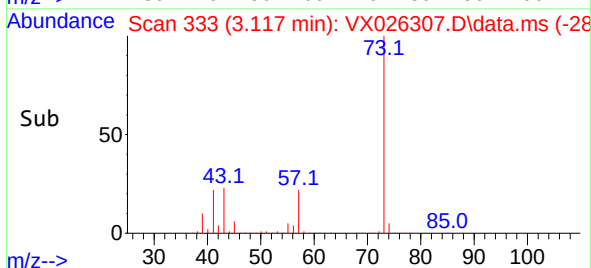
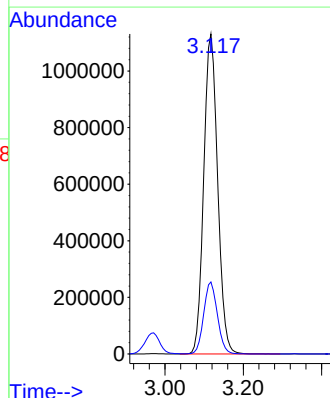
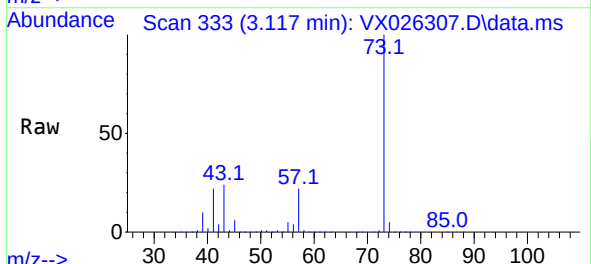
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

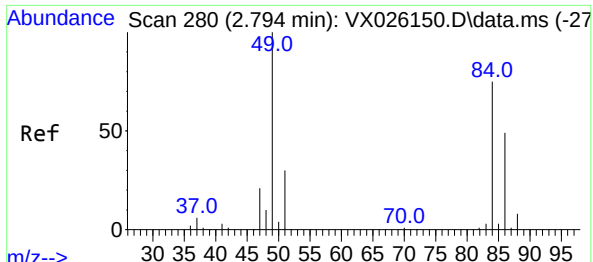
Tgt Ion: 43 Resp: 427547
Ion Ratio Lower Upper
43 100
74 22.3 19.1 28.7



#19
Methyl tert-butyl Ether
Concen: 460.371 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion: 73 Resp: 2781805
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6





#20

Methylene Chloride

Concen: 4.363 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026307.D

Acq: 05 Jan 2022 06:06

Instrument :

MSVOA_X

ClientSampleId :

EMER-SB

Tgt Ion: 84 Resp: 10232

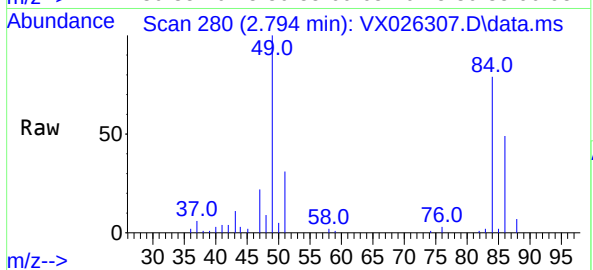
Ion Ratio Lower Upper

84 100

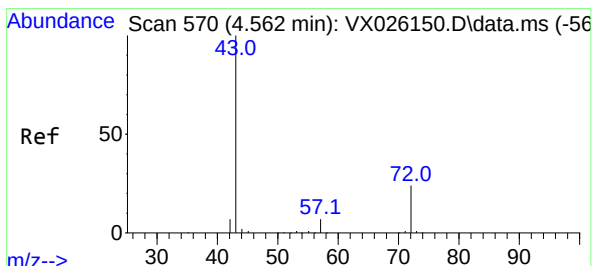
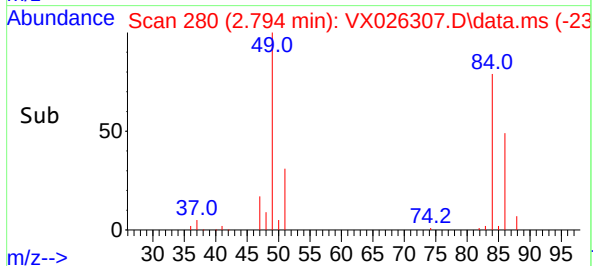
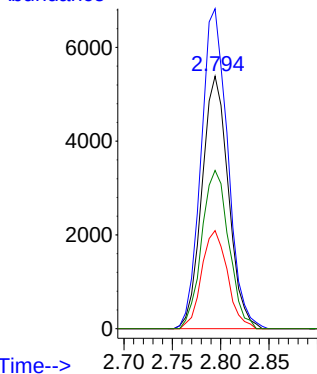
49 126.7 97.1 145.7

51 38.8 29.3 43.9

86 62.6 50.8 76.2



Abundance



#25

2-Butanone

Concen: 82.035 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX026307.D

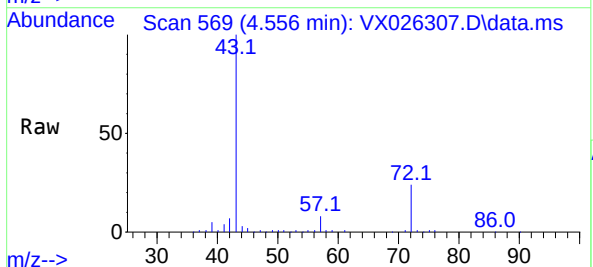
Acq: 05 Jan 2022 06:06

Tgt Ion: 43 Resp: 139937

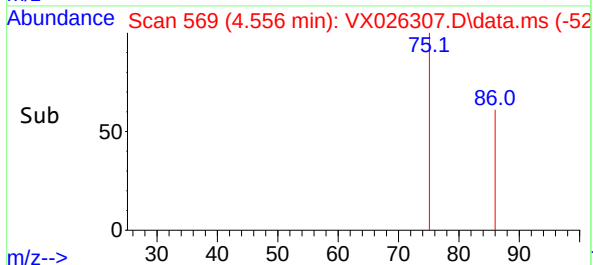
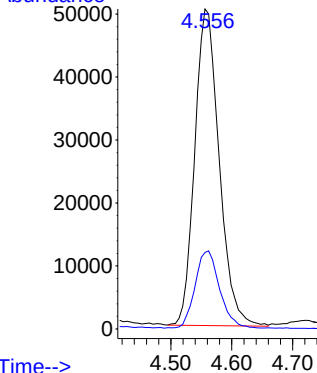
Ion Ratio Lower Upper

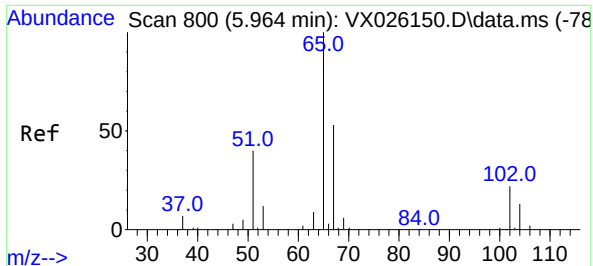
43 100

72 23.9 21.0 31.4



Abundance





#33

1,2-Dichloroethane-d4

Concen: 50.455 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026307.D

Acq: 05 Jan 2022 06:06

Instrument :

MSVOA_X

ClientSampleId :

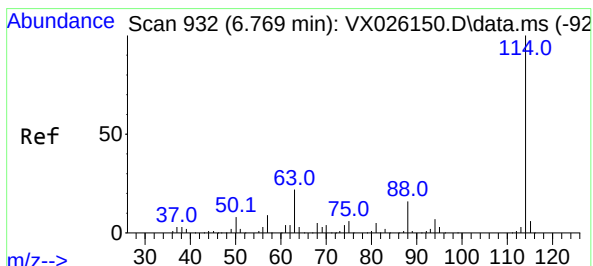
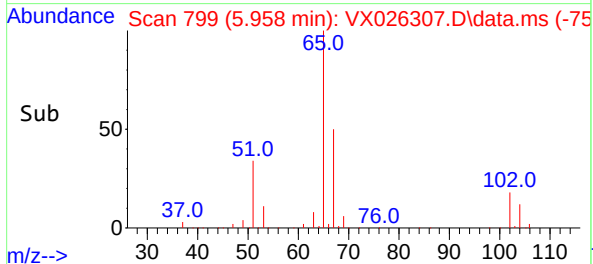
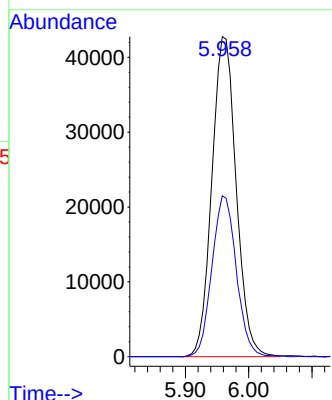
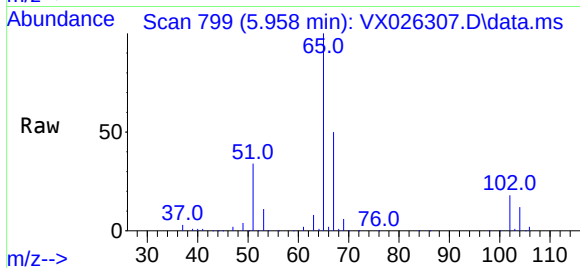
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Tgt Ion: 65 Resp: 114034

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026307.D

Acq: 05 Jan 2022 06:06

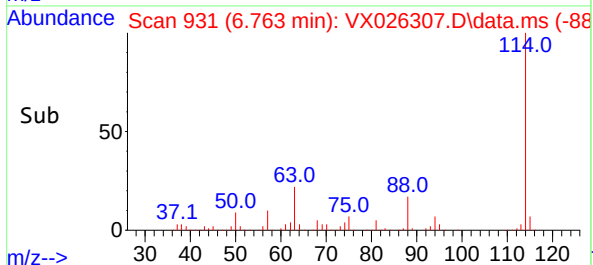
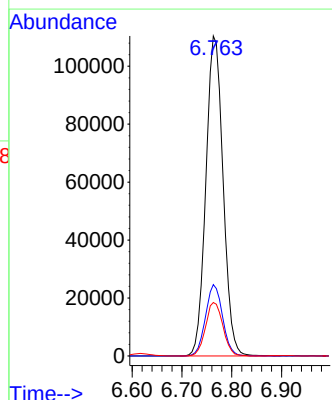
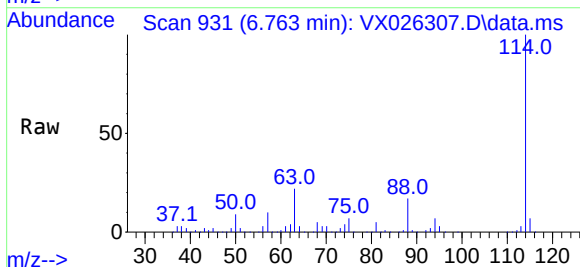
Tgt Ion: 114 Resp: 264742

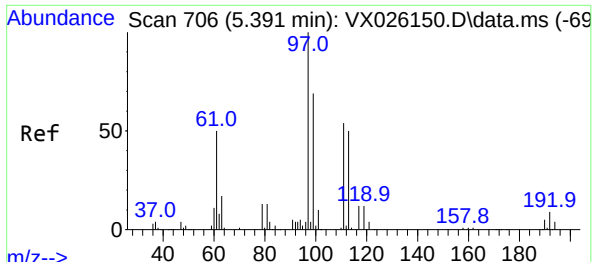
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.083 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026307.D

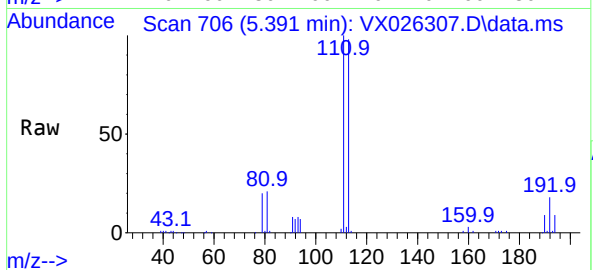
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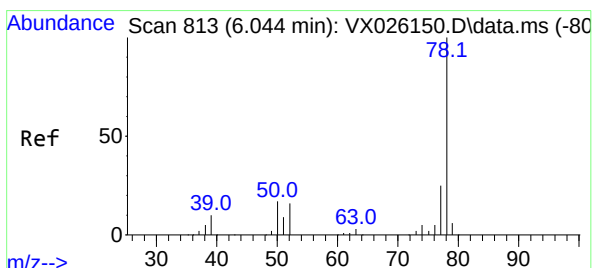
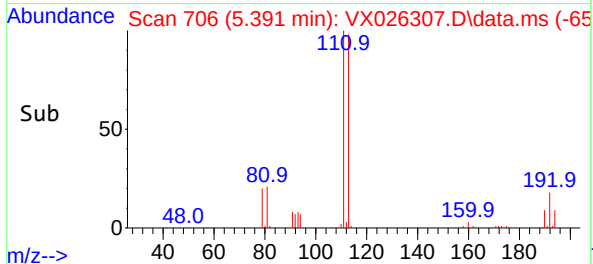
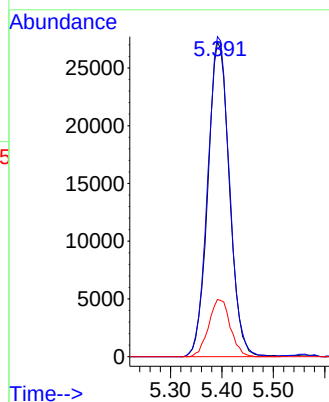
Tgt Ion:113 Resp: 79317

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.2 15.0 22.4



#40

Benzene

Concen: 2.423 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026307.D

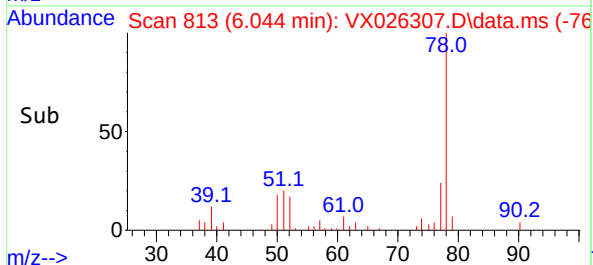
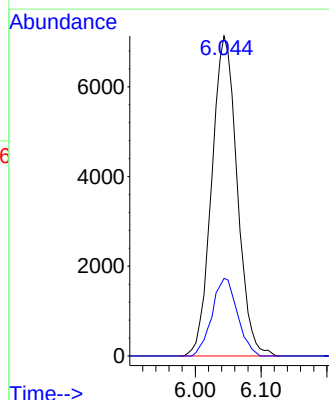
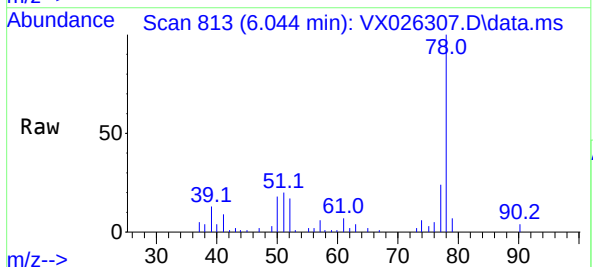
Acq: 05 Jan 2022 06:06

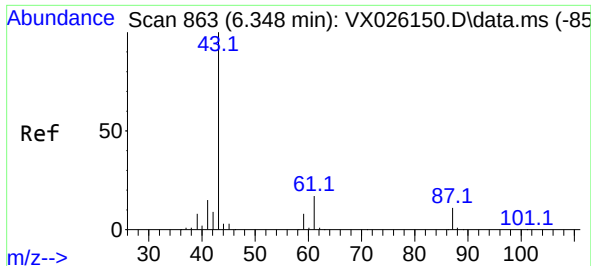
Tgt Ion: 78 Resp: 19194

Ion Ratio Lower Upper

78 100

77 24.3 18.6 27.8

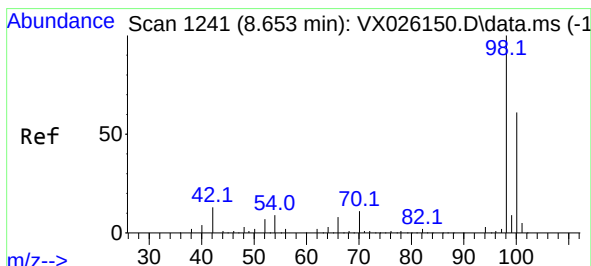
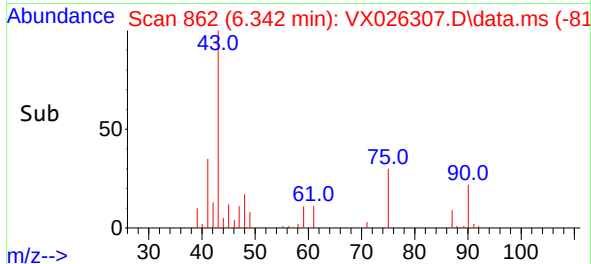
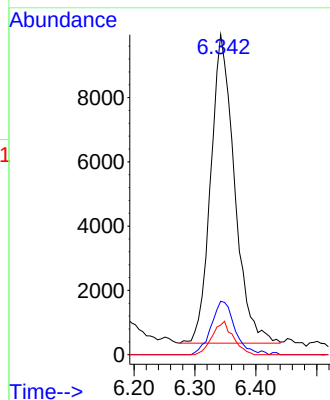
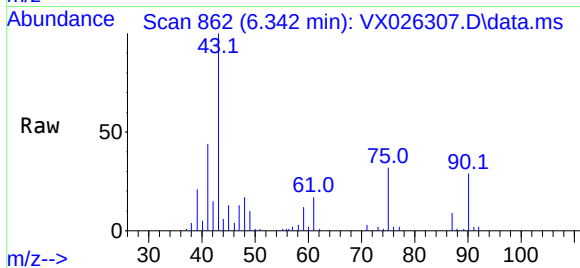




#43
Isopropyl Acetate
Concen: 4.974 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

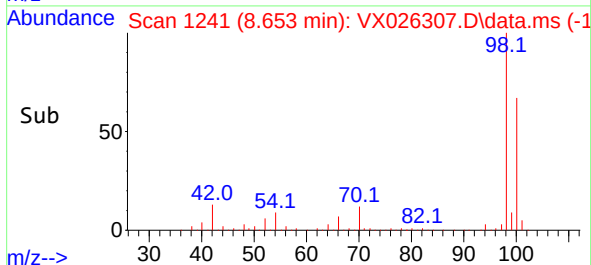
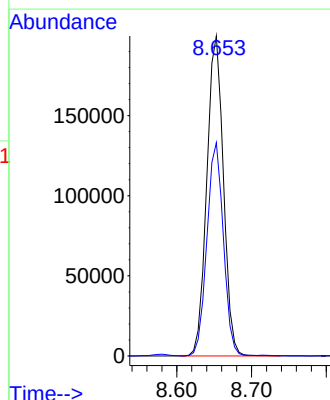
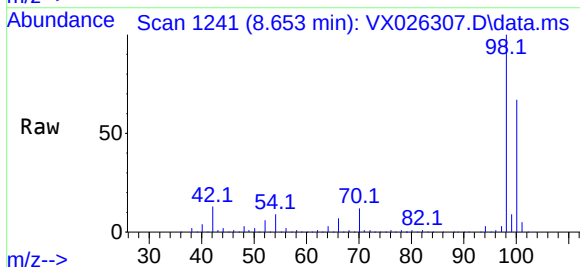
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

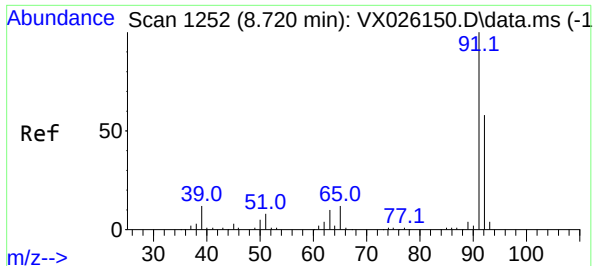
Tgt Ion: 43 Resp: 26096
Ion Ratio Lower Upper
43 100
61 17.3 15.7 23.5
87 9.4 11.2 16.8#



#50
Toluene-d8
Concen: 48.169 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion: 98 Resp: 308384
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#52

Toluene

Concen: 62.894 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX026307.D

Acq: 05 Jan 2022 06:06

Instrument :

MSVOA_X

ClientSampleId :

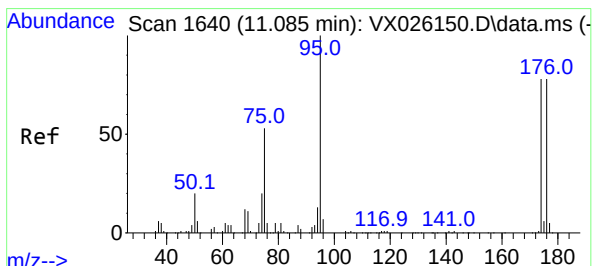
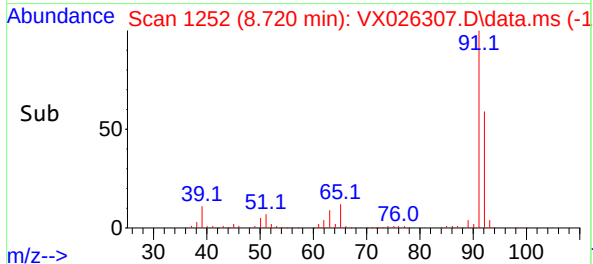
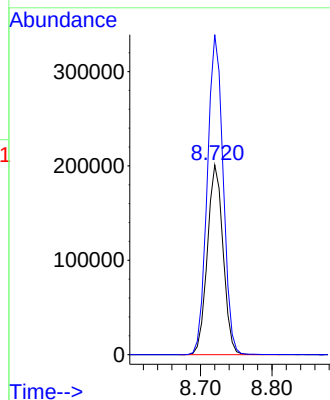
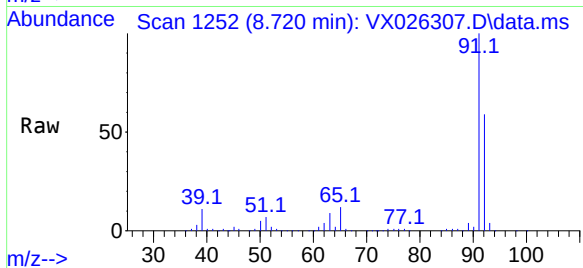
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Tgt Ion: 92 Resp: 306771

Ion Ratio Lower Upper

92 100

91 170.0 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 51.155 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026307.D

Acq: 05 Jan 2022 06:06

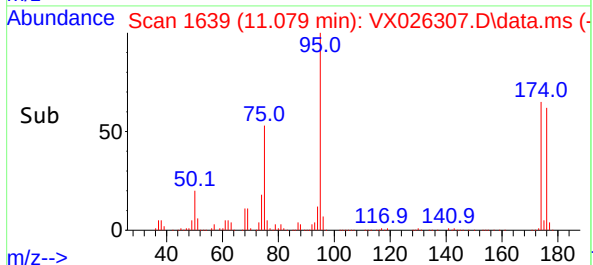
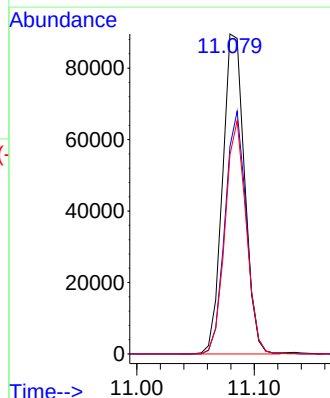
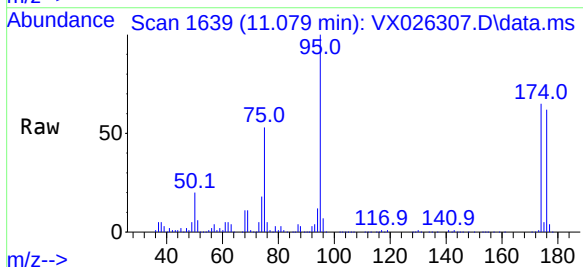
Tgt Ion: 95 Resp: 116586

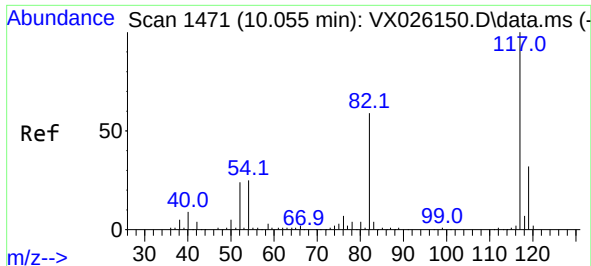
Ion Ratio Lower Upper

95 100

174 73.1 0.0 157.4

176 69.7 0.0 154.6

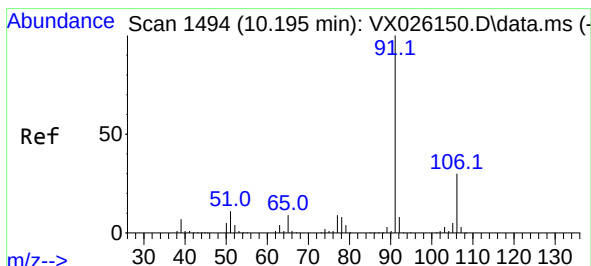
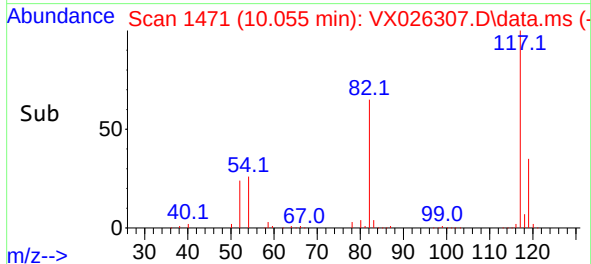
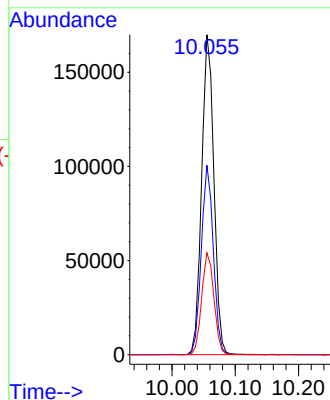
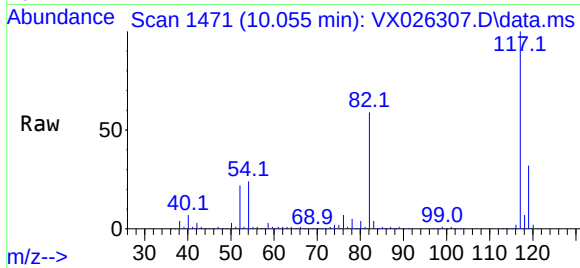




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

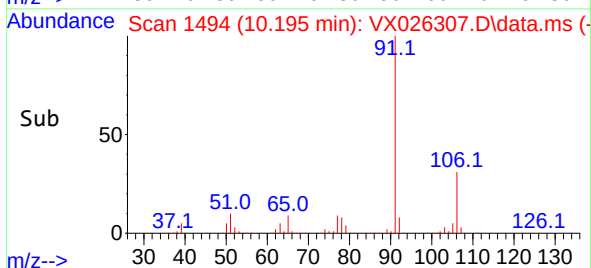
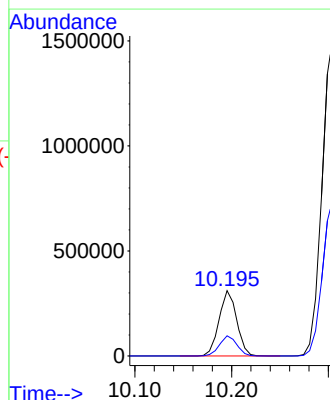
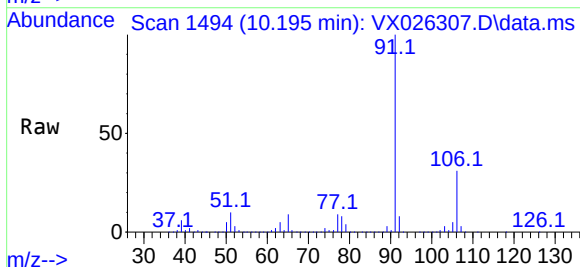
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

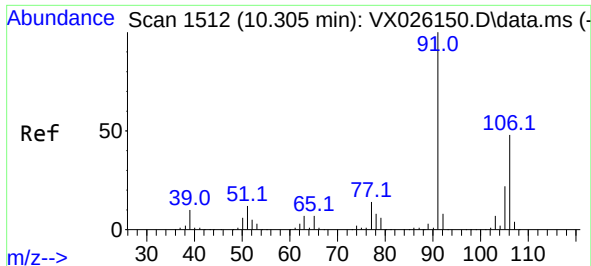
Tgt Ion:117 Resp: 228766
Ion Ratio Lower Upper
117 100
82 59.2 43.8 65.6
119 31.9 25.2 37.8



#67
Ethyl Benzene
Concen: 43.716 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion: 91 Resp: 392823
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

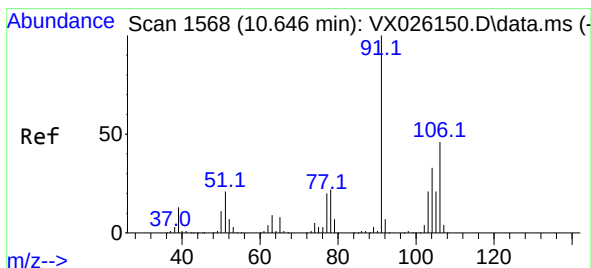
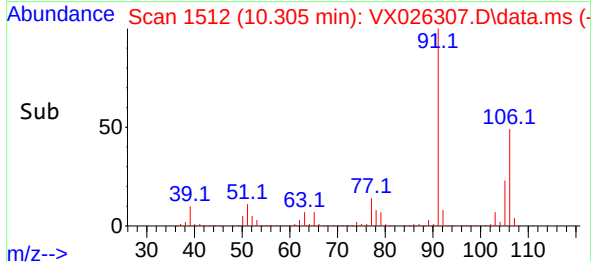
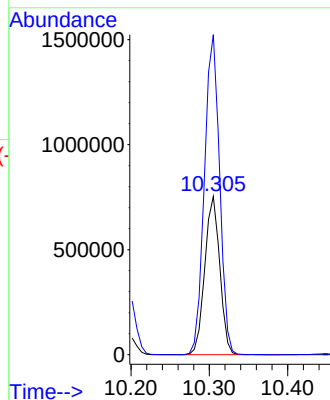
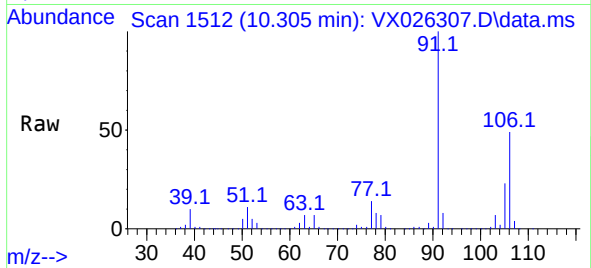




#68
m/p-Xylenes
Concen: 298.021 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

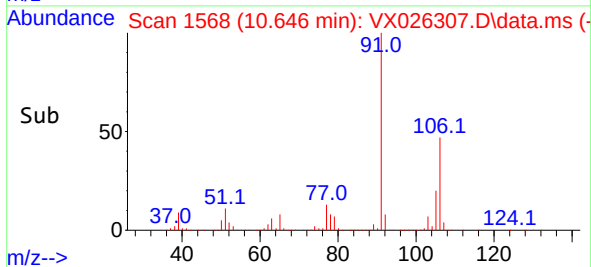
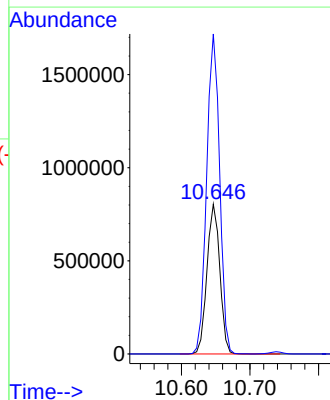
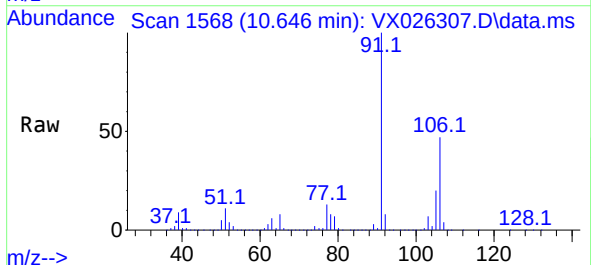
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

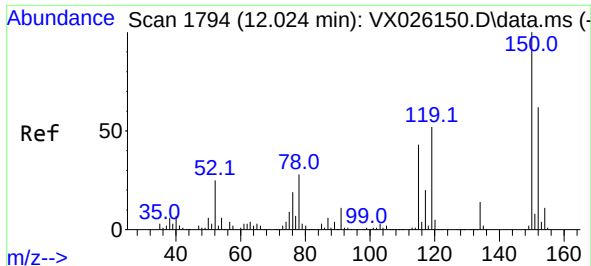
Tgt Ion:106 Resp: 999898
Ion Ratio Lower Upper
106 100
91 205.3 158.6 238.0



#69
o-Xylene
Concen: 319.510 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion:106 Resp: 1048879
Ion Ratio Lower Upper
106 100
91 215.8 105.5 316.4

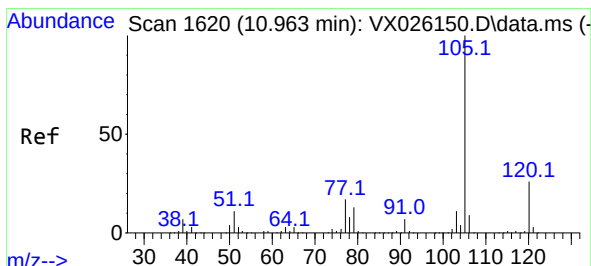
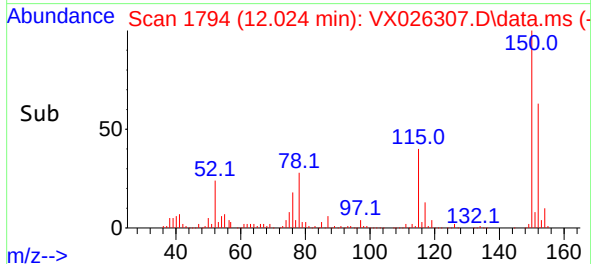
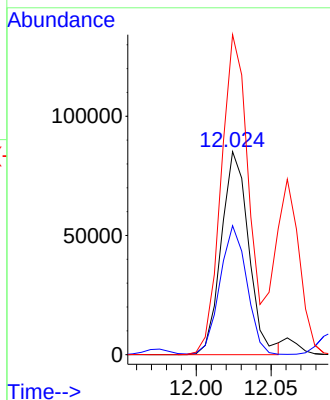
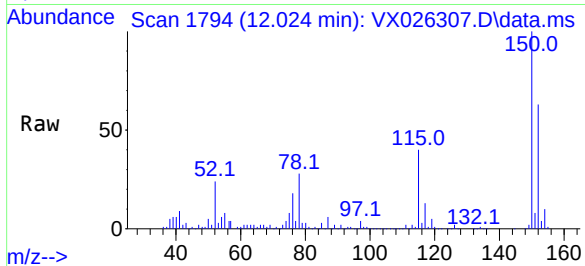




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

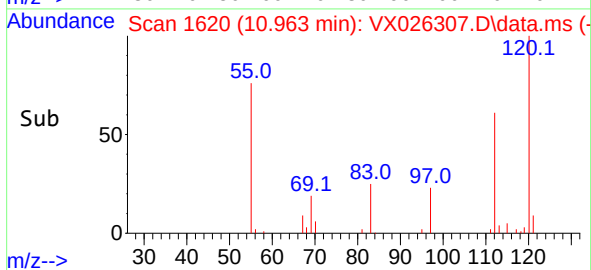
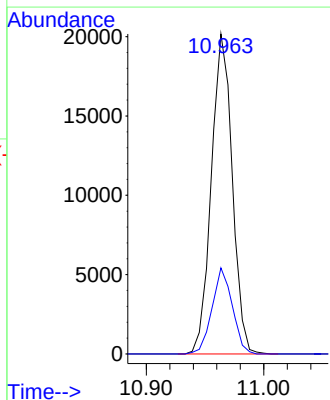
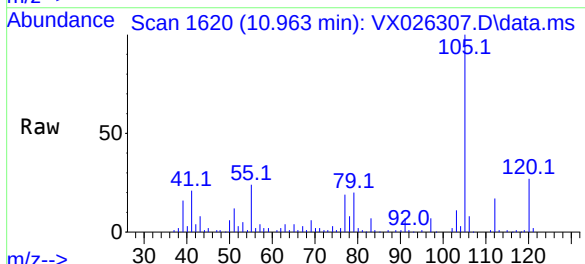
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

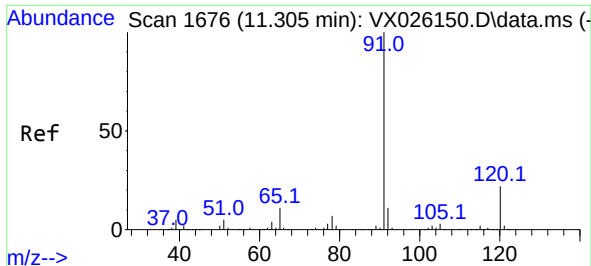
Tgt Ion:152 Resp: 108695
Ion Ratio Lower Upper
152 100
115 62.5 41.3 123.9
150 155.6 0.0 351.8



#73
Isopropylbenzene
Concen: 2.956 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion:105 Resp: 24975
Ion Ratio Lower Upper
105 100
120 26.0 13.6 40.7

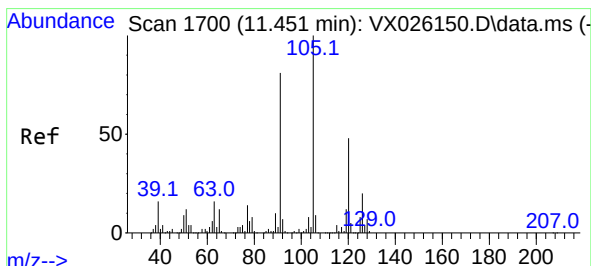
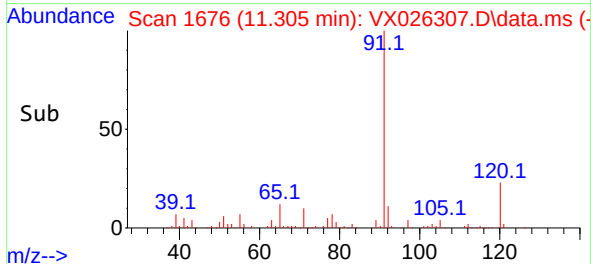
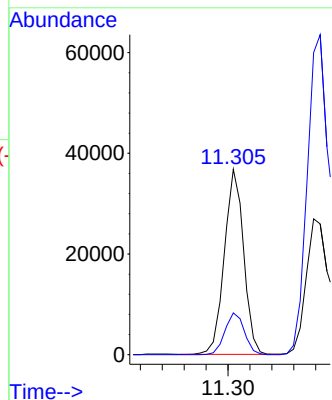
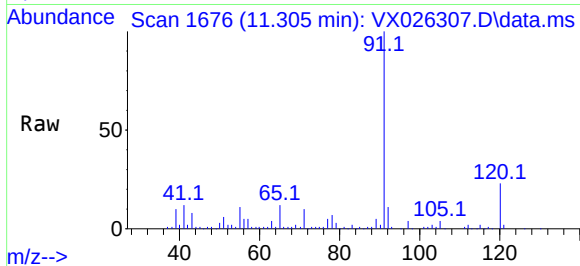




#78
n-propylbenzene
Concen: 4.627 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

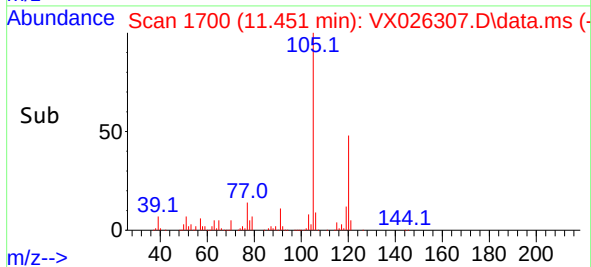
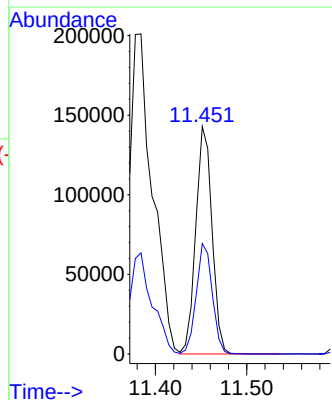
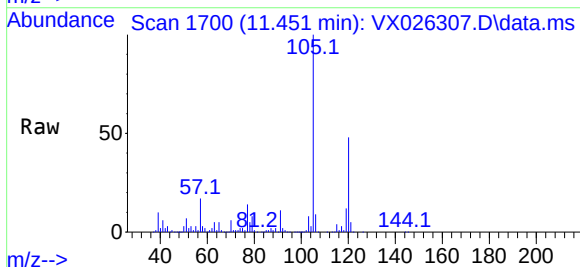
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MSVOA_X
ClientSampleId :
EMER-SB

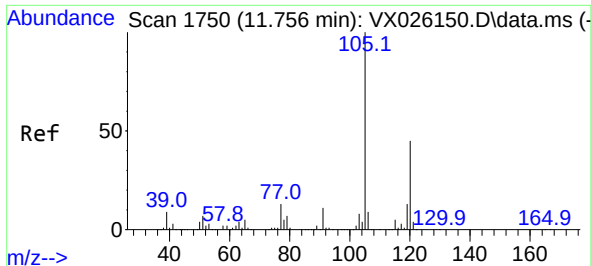
Tgt Ion: 91 Resp: 44945
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 25.248 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion:105 Resp: 177025
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7

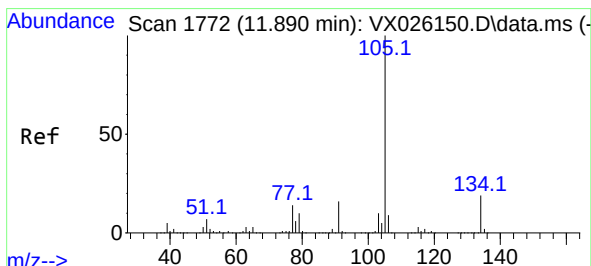
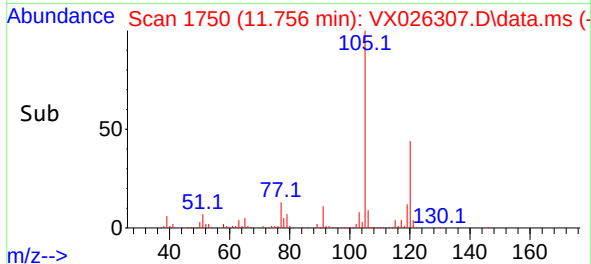
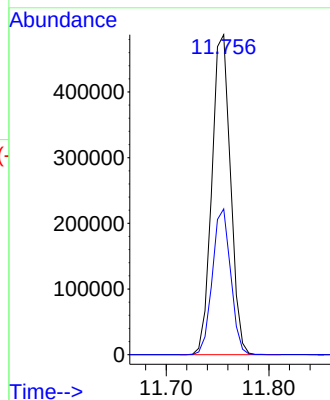
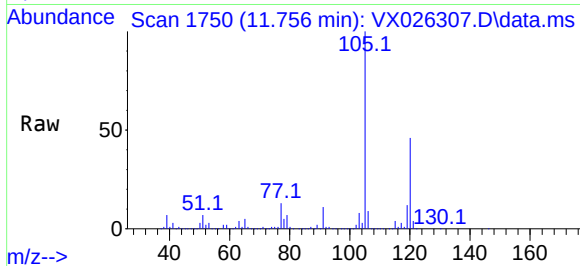




#84
1,2,4-Trimethylbenzene
Concen: 87.366 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

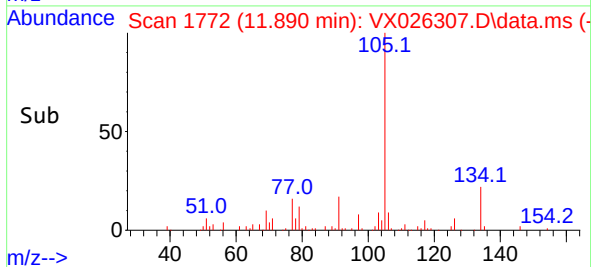
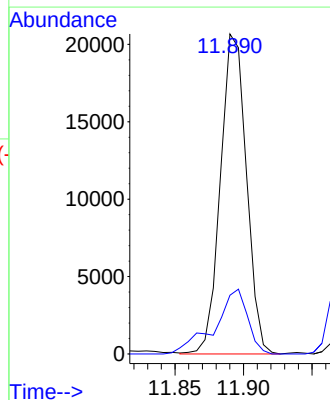
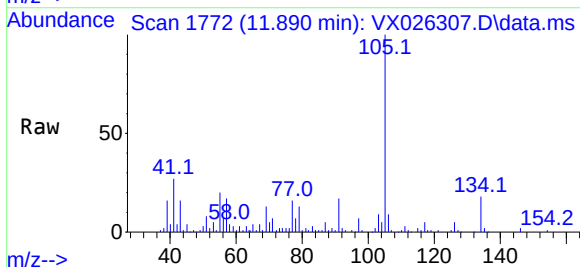
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

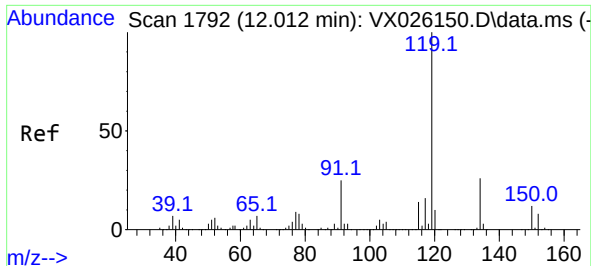
Tgt Ion:105 Resp: 612075
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7



#85
sec-Butylbenzene
Concen: 3.208 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion:105 Resp: 27241
Ion Ratio Lower Upper
105 100
134 25.7 10.4 31.1

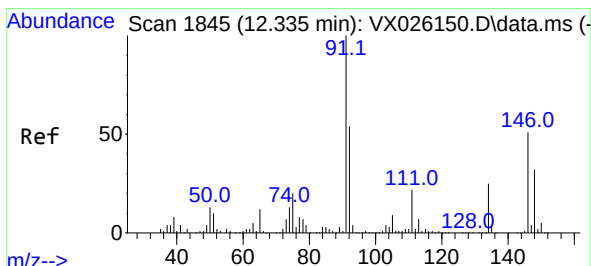
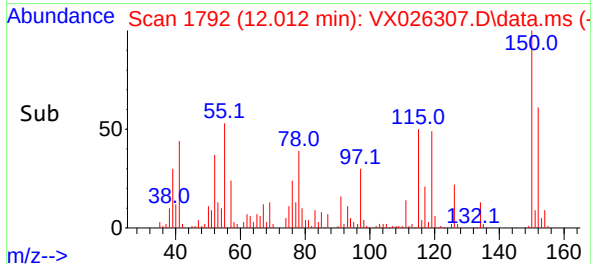
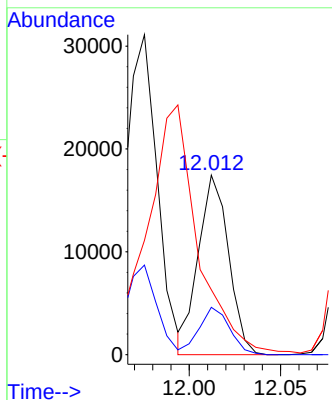
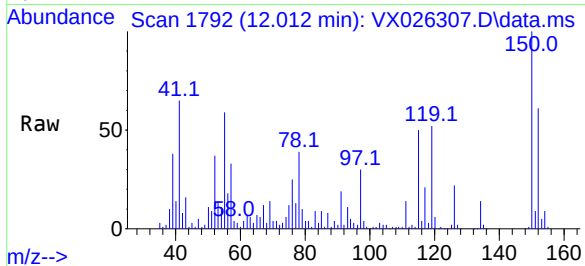




#86
p-Isopropyltoluene
Concen: 2.841 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

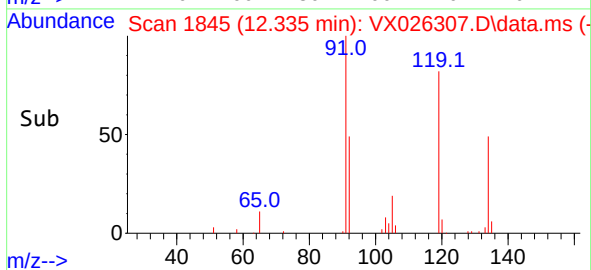
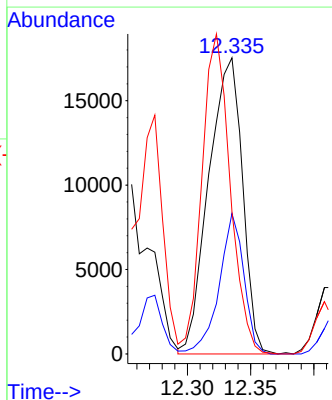
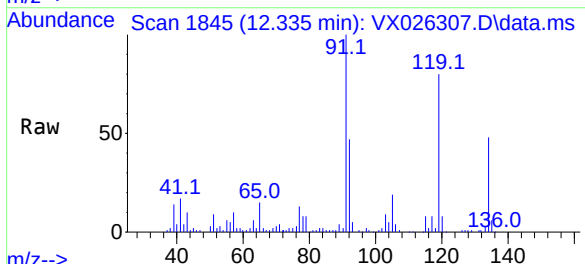
Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

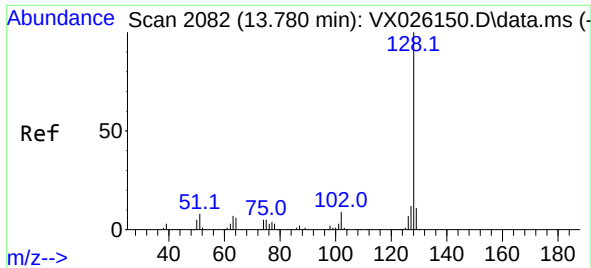
Tgt Ion:119 Resp: 20112
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.6
91 232.7 11.9 35.9#



#89
n-Butylbenzene
Concen: 5.165 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Tgt Ion: 91 Resp: 32500
Ion Ratio Lower Upper
91 100
92 34.7 27.3 81.8
134 90.4 13.5 40.4#





#95
Naphthalene
Concen: 3.278 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026307.D
Acq: 05 Jan 2022 06:06

Instrument :
MSVOA_X
ClientSampleId :
EMER-SB

Tgt Ion:128 Resp: 27538
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.9 8.8 13.2

