

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026335.D
 Acq On : 05 Jan 2022 20:15
 Operator : JC/MD
 Sample : N1005-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PARA-SB

Quant Time: Jan 06 03:12:21 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)

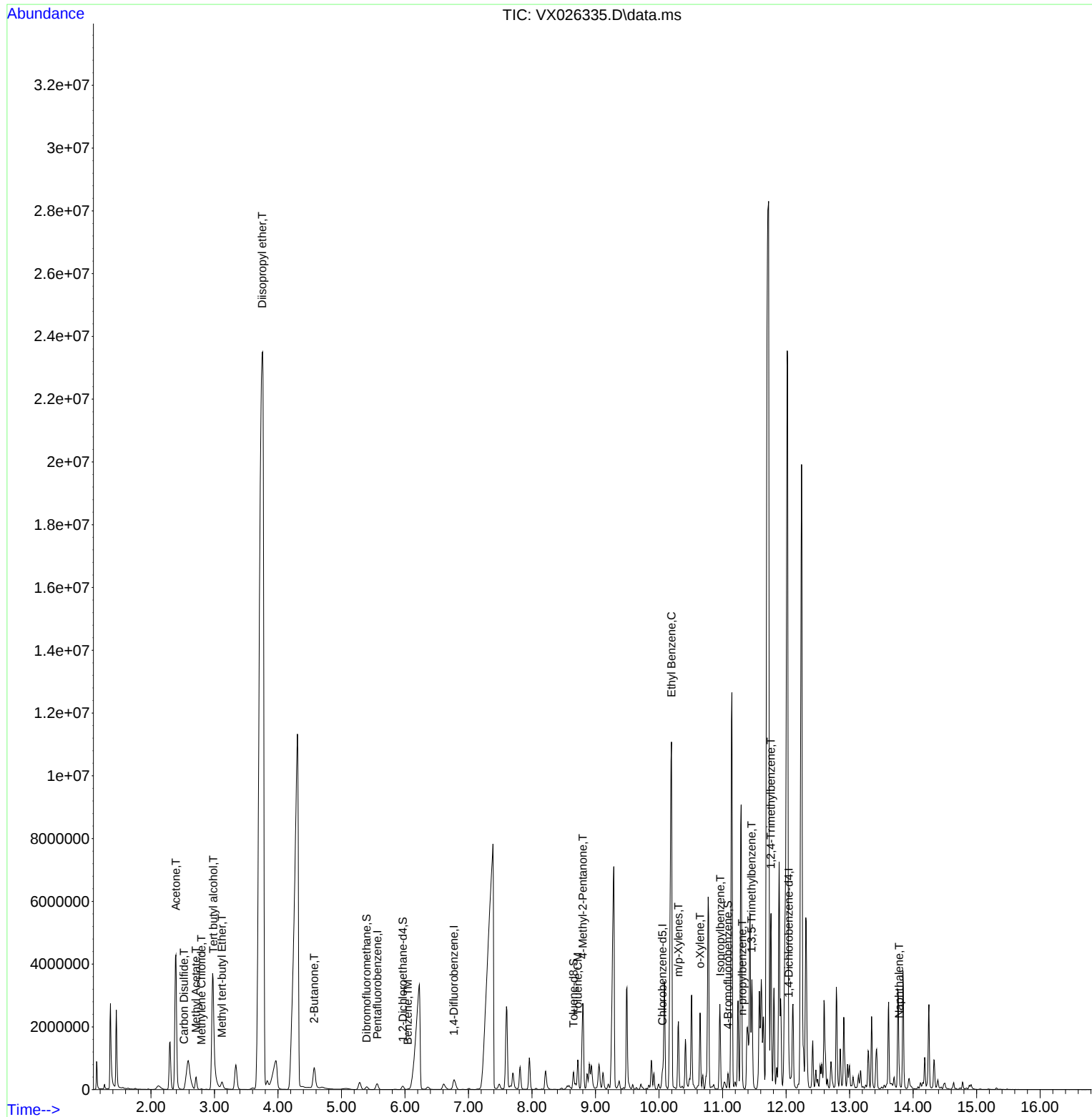
Internal Standards						
1) Pentafluorobenzene	5.562	168	170870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.043	152	103865	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107872	43.638	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.280%		
35) Dibromofluoromethane	5.397	113	74459	41.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.800%		
50) Toluene-d8	8.653	98	318147	48.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.260%		
62) 4-Bromofluorobenzene	11.085	95	117759	50.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.983	59	1029237	2084.587	ug/l #	88
16) Acetone	2.392	43	5279552	3941.851	ug/l	97
17) Carbon Disulfide	2.520	76	10422	1.919	ug/l	96
18) Methyl Acetate	2.709	43	480818	110.675	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	231324	35.002	ug/l	96
20) Methylene Chloride	2.794	84	9099	3.367	ug/l	96
22) Diisopropyl ether	3.751	45	1616459	226.496	ug/l #	1
25) 2-Butanone	4.568	43	1040771	557.838	ug/l	99
40) Benzene	6.044	78	17360	2.122	ug/l	95
51) 4-Methyl-2-Pentanone	8.799	43	139363	41.346	ug/l	89
52) Toluene	8.720	92	340536	67.621	ug/l	99
67) Ethyl Benzene	10.195	91	186126	20.589	ug/l	97
68) m/p-Xylenes	10.305	106	492439	145.891	ug/l	96
69) o-Xylene	10.646	106	467580	141.579	ug/l	96
73) Isopropylbenzene	10.963	105	91951	11.389	ug/l	99
78) n-propylbenzene	11.311	91	163012	17.561	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	656457	97.980	ug/l	98
84) 1,2,4-Trimethylbenzene	11.762	105	2561769	382.666	ug/l	100
95) Naphthalene	13.780	128	269872	33.619	ug/l	99

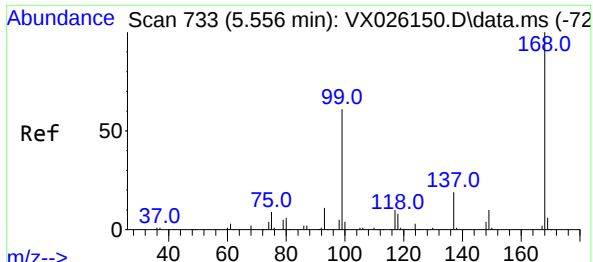
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

Quant Time: Jan 06 03:12:21 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

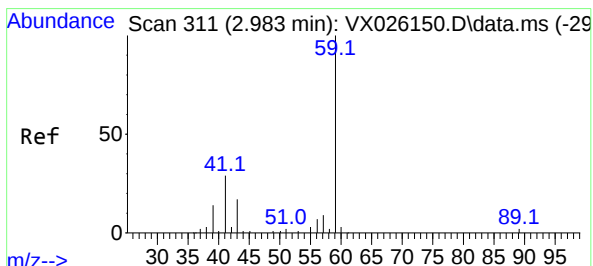
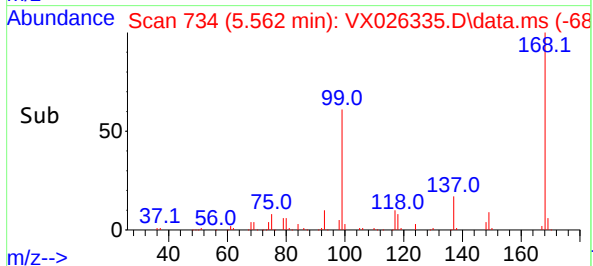
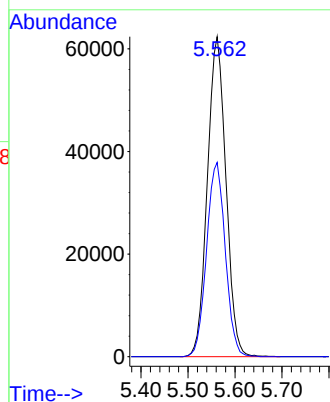
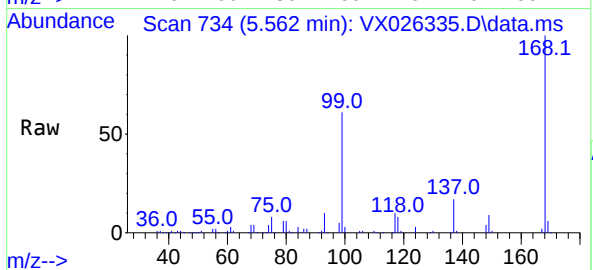




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

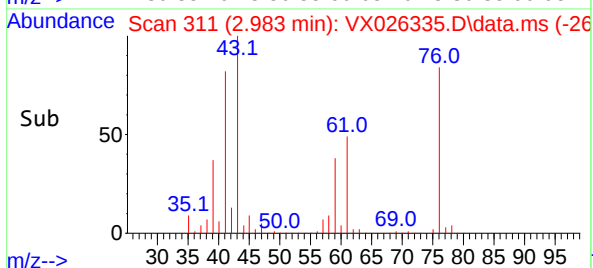
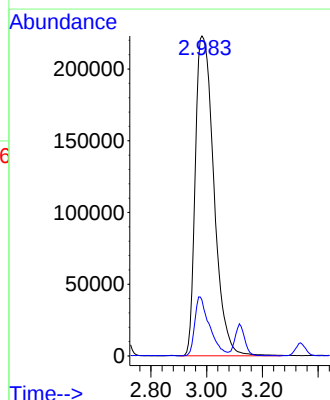
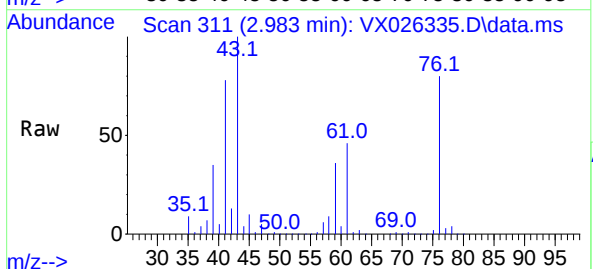
Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

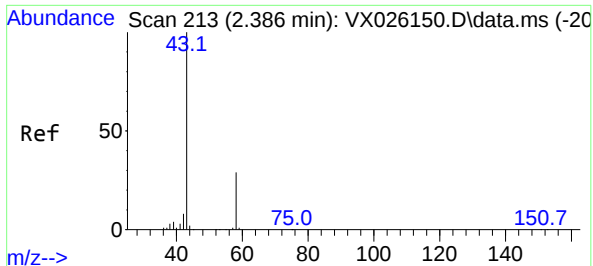
Tgt Ion:168 Resp: 170870
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.8



#11
Tert butyl alcohol
Concen: 2084.587 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 59 Resp: 1029237
Ion Ratio Lower Upper
59 100
57 14.6 8.2 12.2#

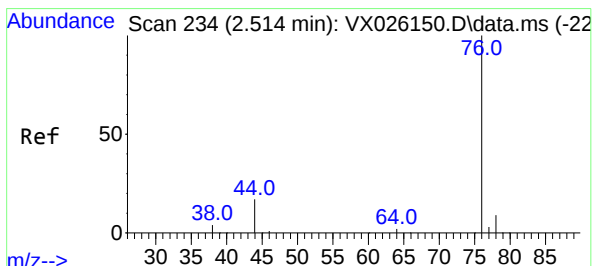
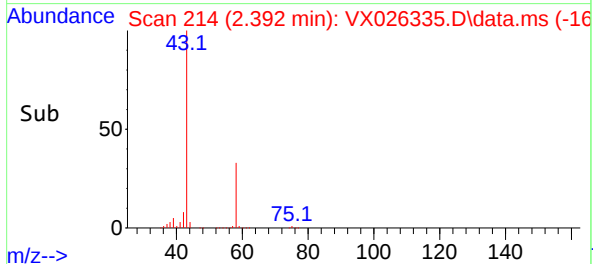
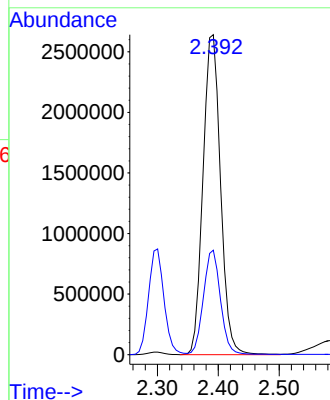
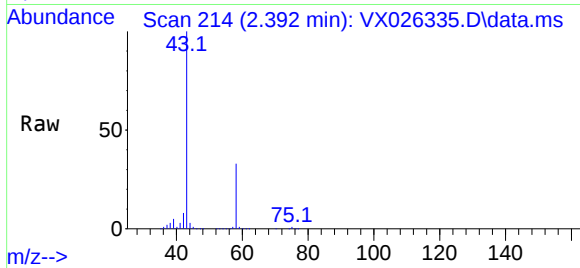




#16
Acetone
Concen: 3941.851 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

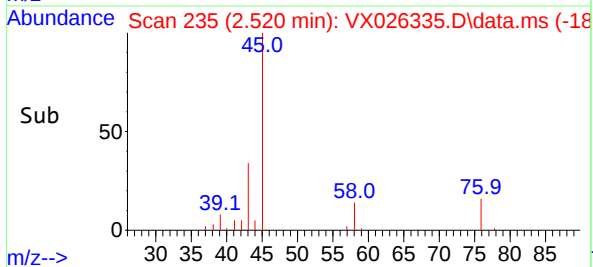
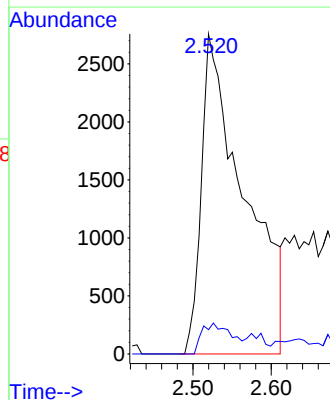
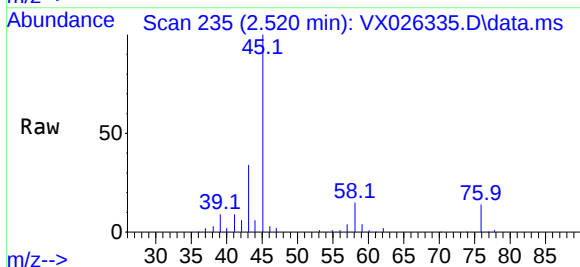
Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

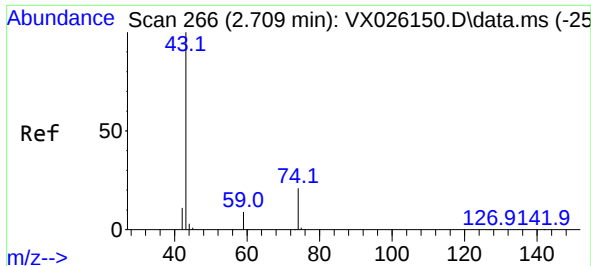
Tgt Ion: 43 Resp: 5279552
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2



#17
Carbon Disulfide
Concen: 1.919 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 76 Resp: 10422
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

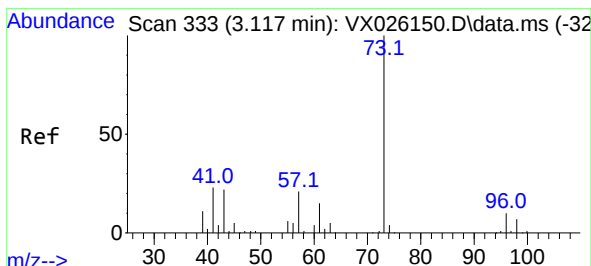
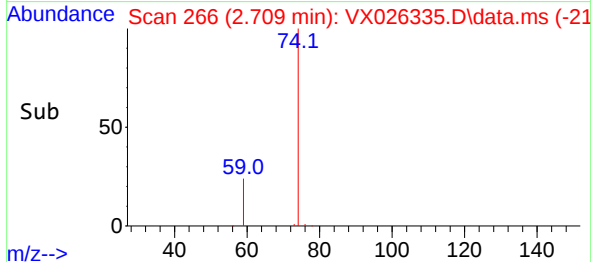
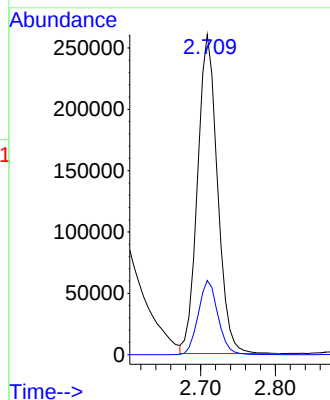
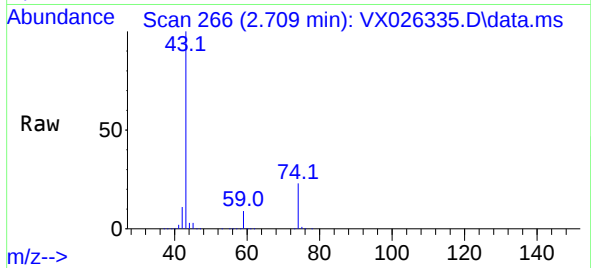




#18
Methyl Acetate
Concen: 110.675 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

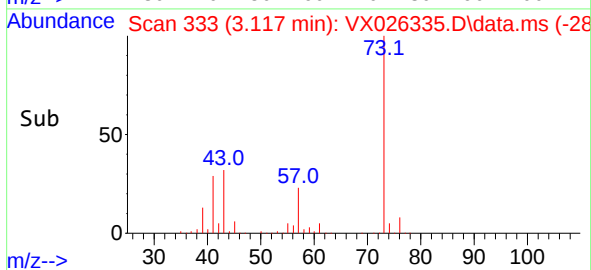
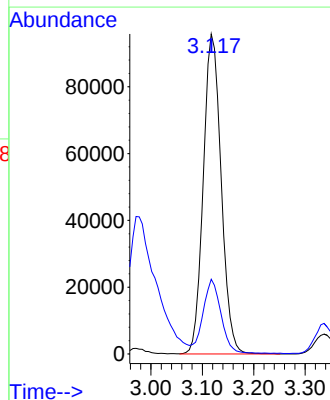
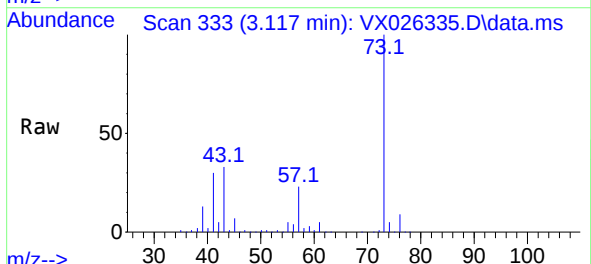
Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

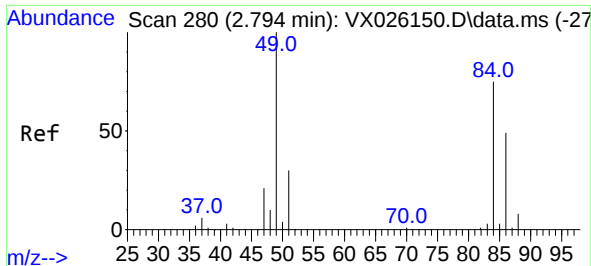
Tgt Ion: 43 Resp: 480818
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7



#19
Methyl tert-butyl Ether
Concen: 35.002 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 73 Resp: 231324
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6



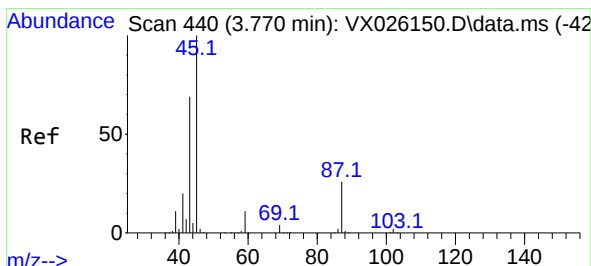
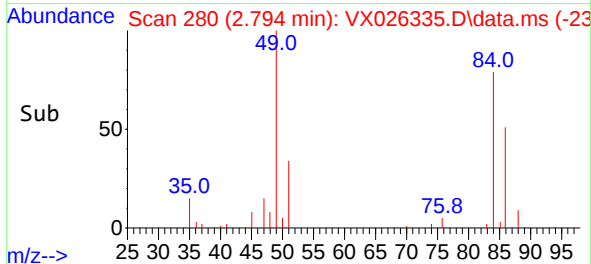
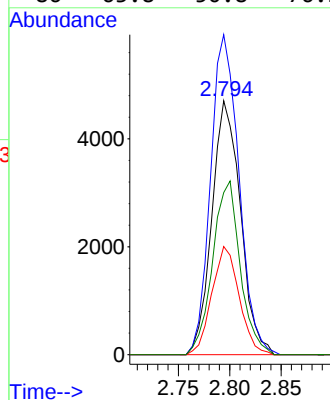
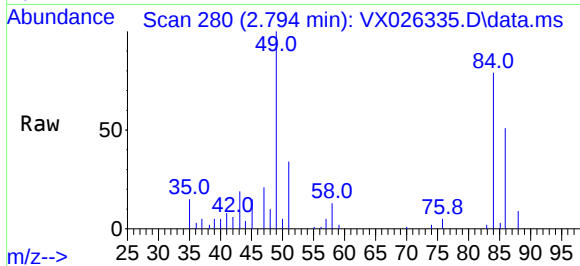


#20
Methylene Chloride
Concen: 3.367 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

Tgt Ion: 84 Resp: 9099

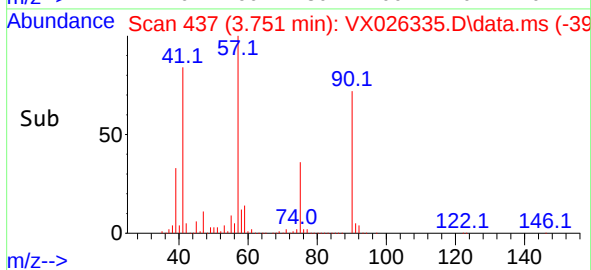
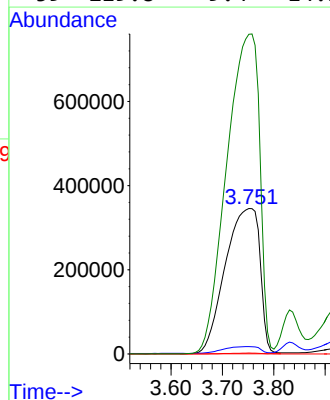
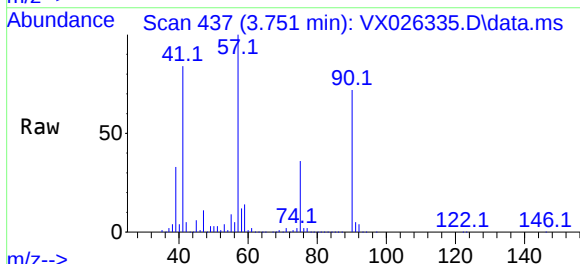
Ion	Ratio	Lower	Upper
84	100		
49	126.1	97.1	145.7
51	42.6	29.3	43.9
86	63.8	50.8	76.2

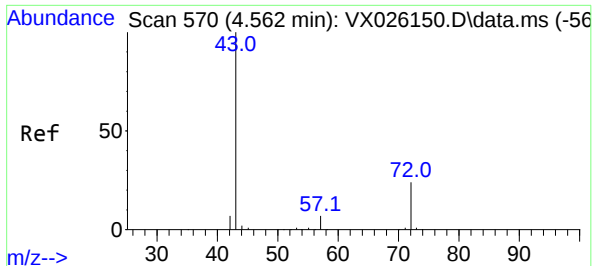


#22
Diisopropyl ether
Concen: 226.496 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.019 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 45 Resp: 1616459

Ion	Ratio	Lower	Upper
45	100		
43	4.6	63.8	95.6#
87	0.6	24.2	36.4#
59	219.8	9.4	14.2#

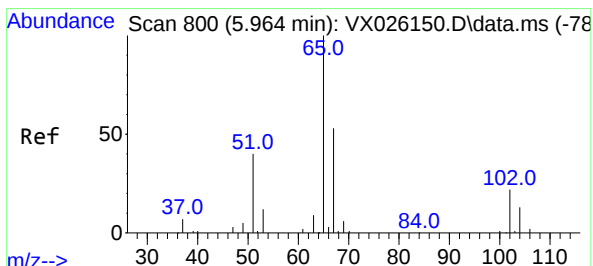
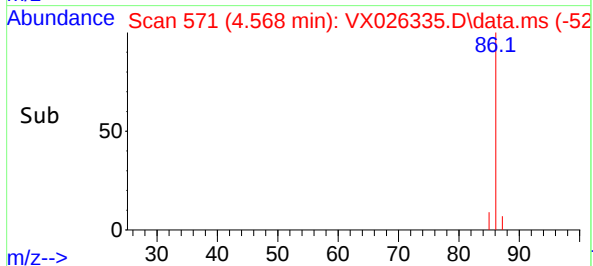
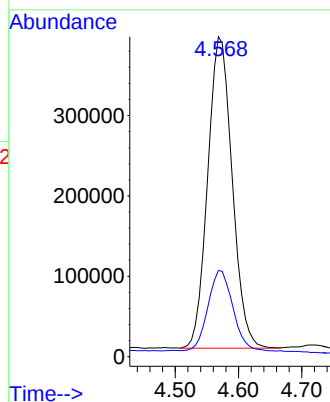
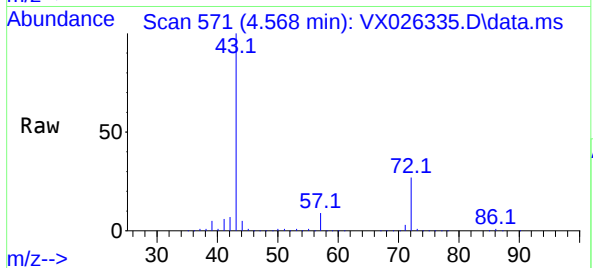




#25
2-Butanone
Concen: 557.838 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

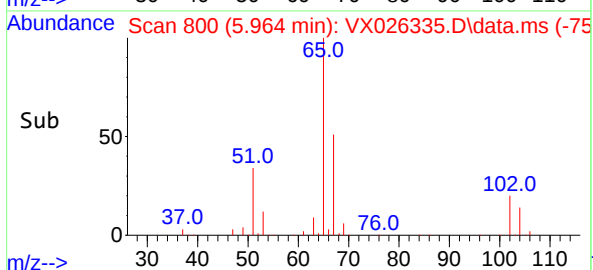
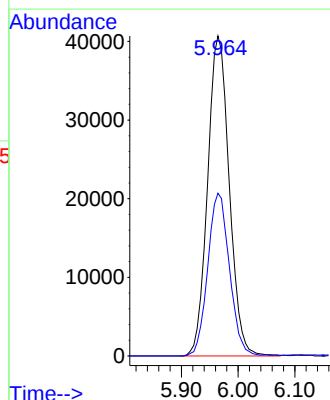
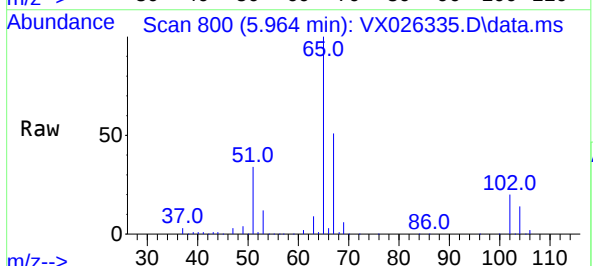
Instrument :
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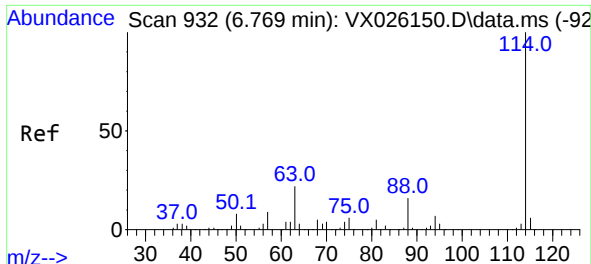
Tgt Ion: 43 Resp: 1040771
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 43.638 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 65 Resp: 107872
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

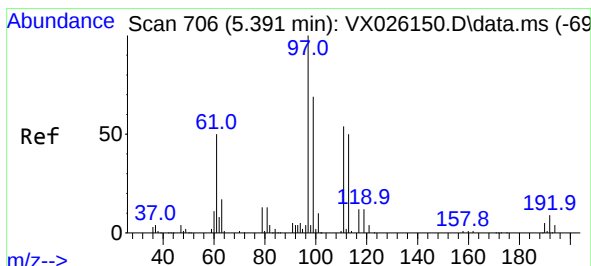
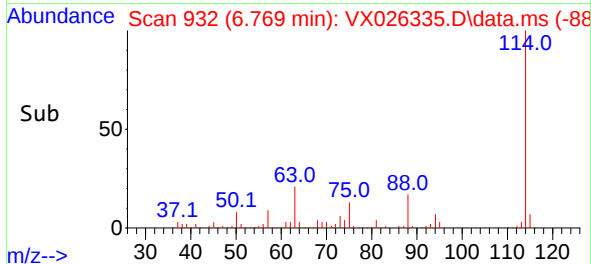
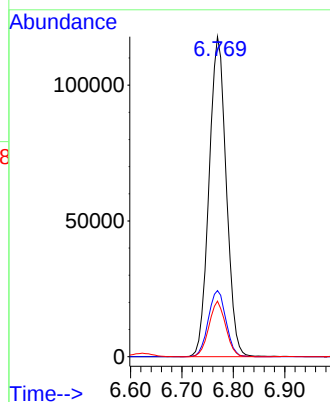
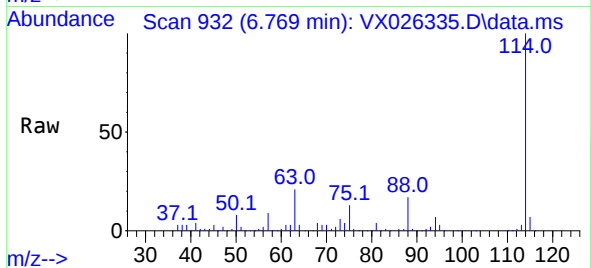




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

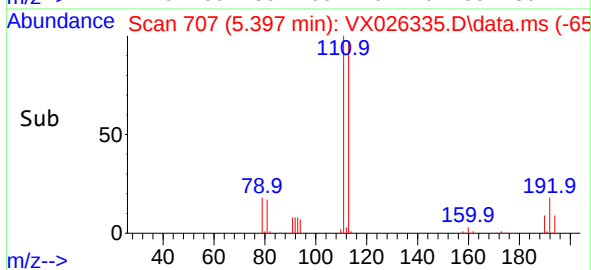
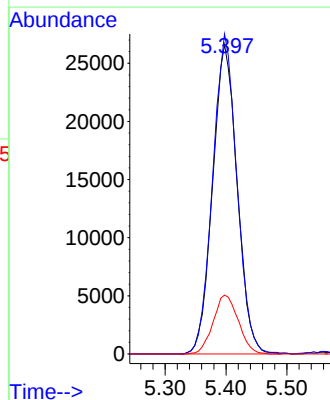
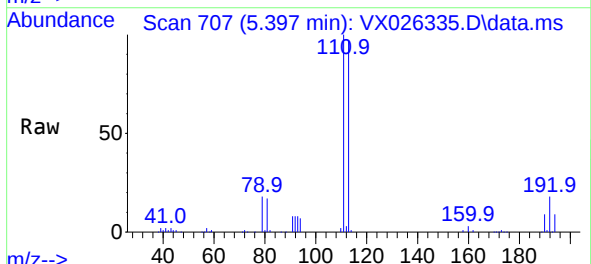
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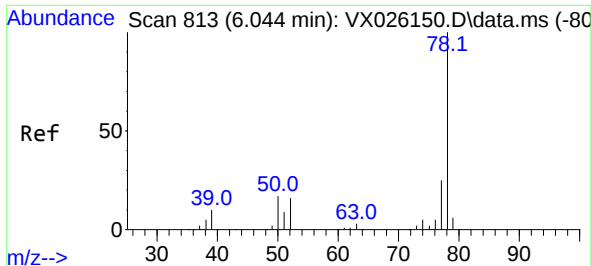
Tgt Ion:114 Resp: 273338
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.0
88 17.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 41.900 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion:113 Resp: 74459
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.5 15.0 22.4

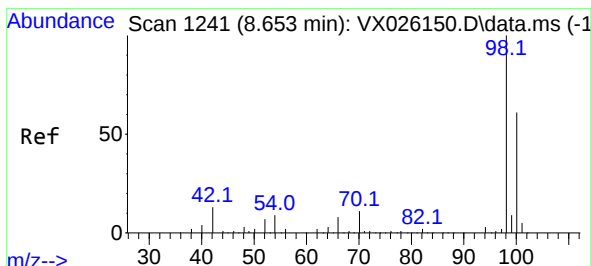
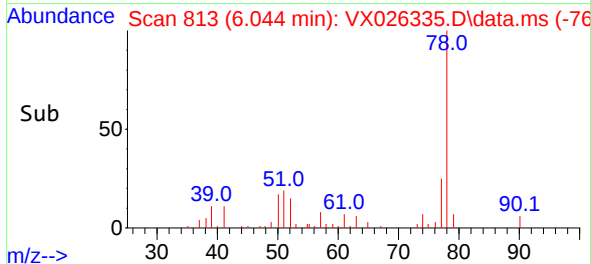
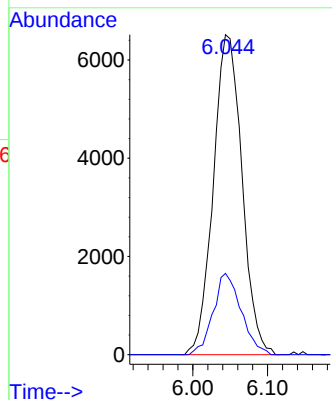
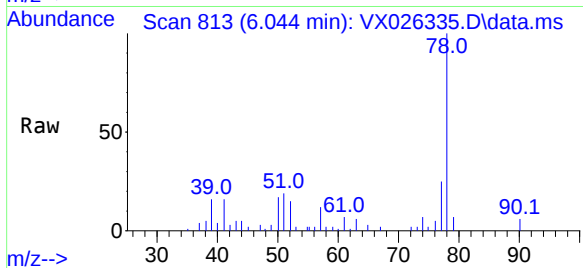




#40
Benzene
Concen: 2.122 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

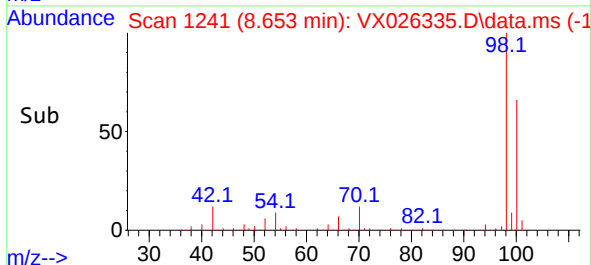
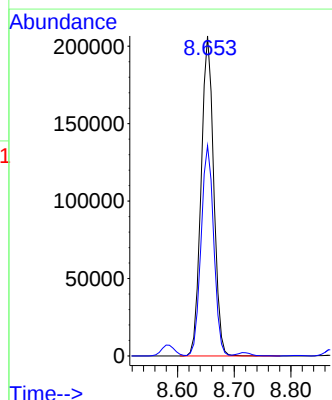
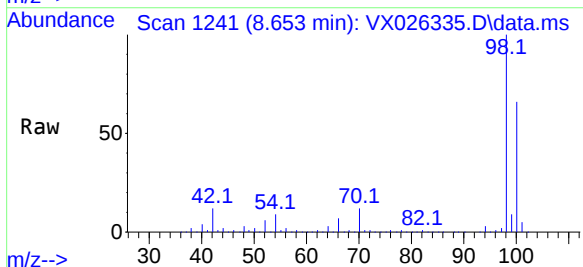
Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

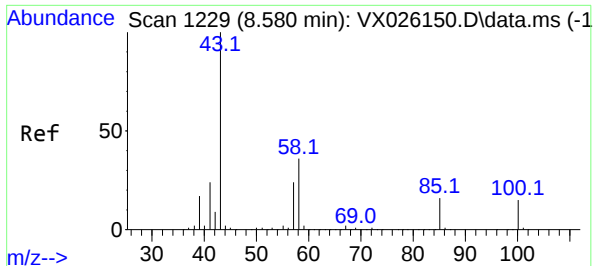
Tgt Ion: 78 Resp: 17360
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8



#50
Toluene-d8
Concen: 48.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 98 Resp: 318147
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 41.346 ug/l

RT: 8.799 min Scan# 11

Delta R.T. 0.219 min

Lab File: VX026335.D

Acq: 05 Jan 2022 20:15

Instrument :

MSVOA_X

ClientSampleId :

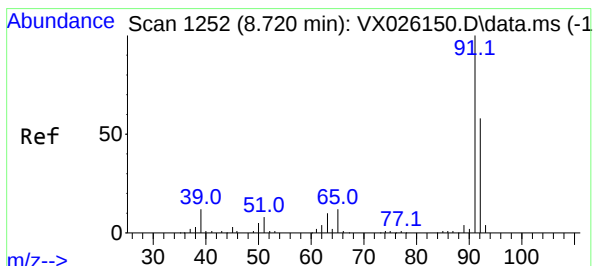
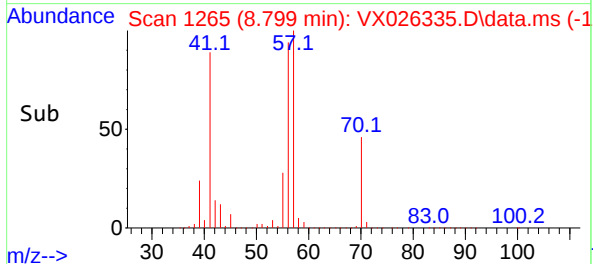
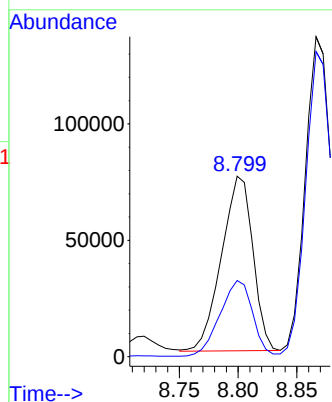
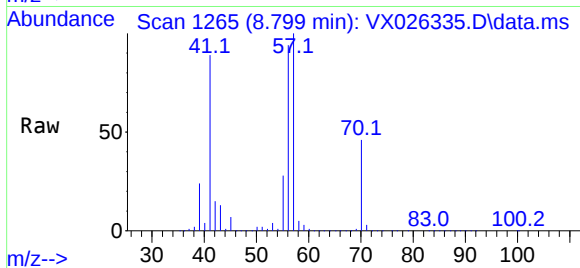
PARA-SB

Tgt Ion: 43 Resp: 139363

Ion Ratio Lower Upper

43 100

58 45.1 30.8 46.2



#52

Toluene

Concen: 67.621 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026335.D

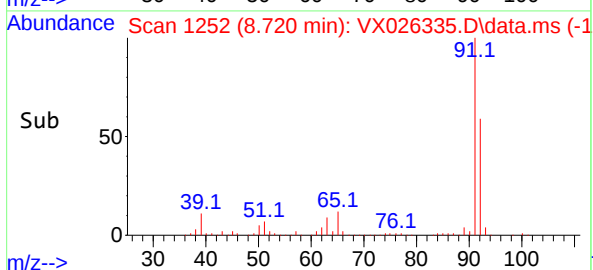
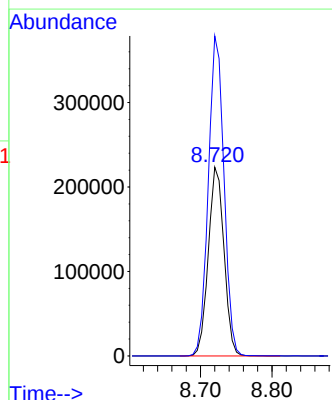
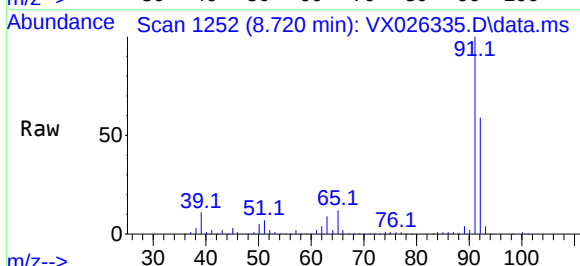
Acq: 05 Jan 2022 20:15

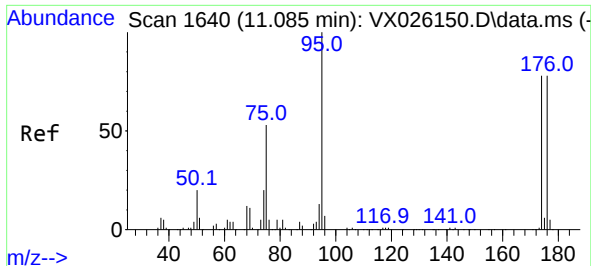
Tgt Ion: 92 Resp: 340536

Ion Ratio Lower Upper

92 100

91 169.1 136.0 204.0

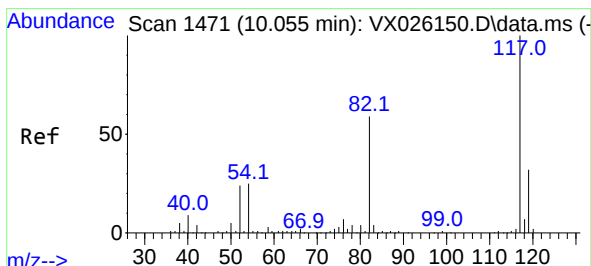
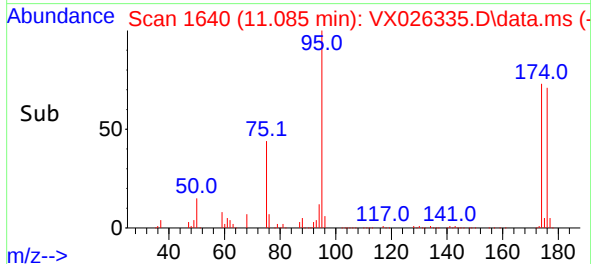
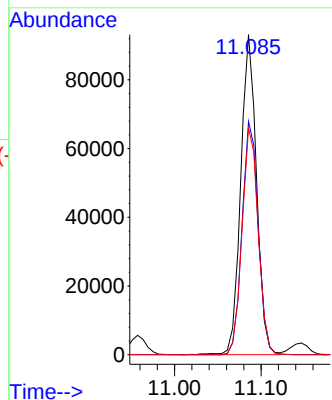
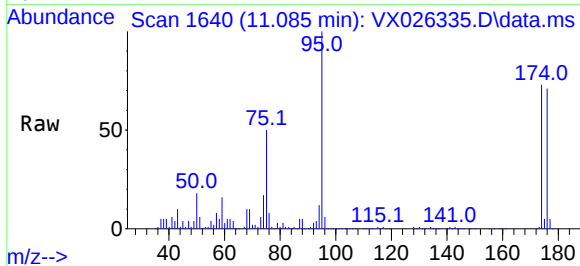




#62
4-Bromofluorobenzene
Concen: 50.045 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

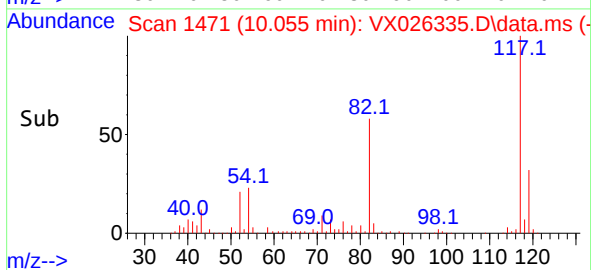
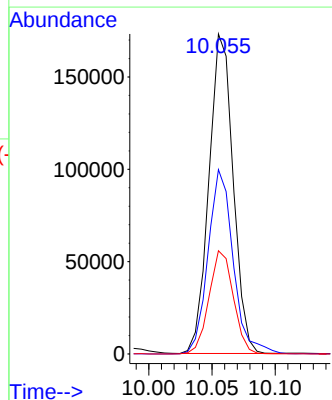
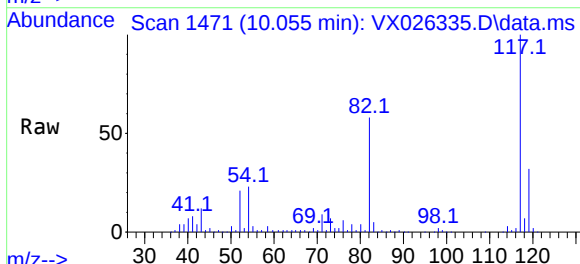
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MSVOA_X
ClientSampleId :
PARA-SB

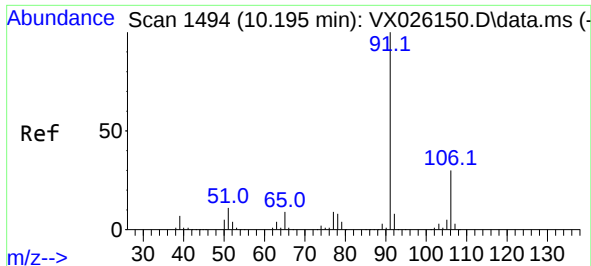
Tgt Ion: 95 Resp: 117759
Ion Ratio Lower Upper
95 100
174 74.3 0.0 157.4
176 72.3 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 117 Resp: 230148
Ion Ratio Lower Upper
117 100
82 57.6 43.8 65.6
119 32.3 25.2 37.8

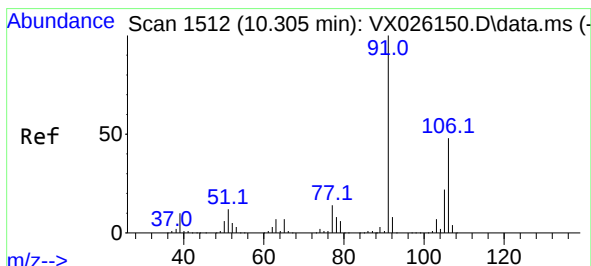
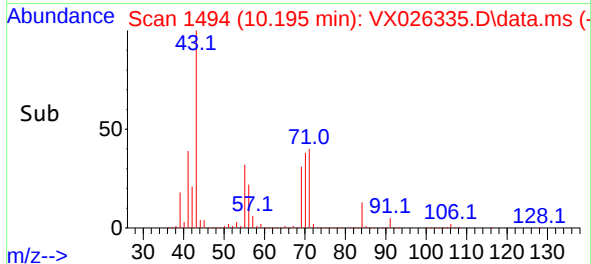
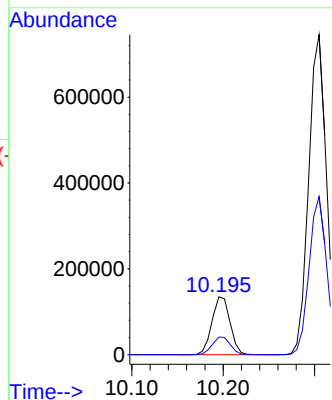
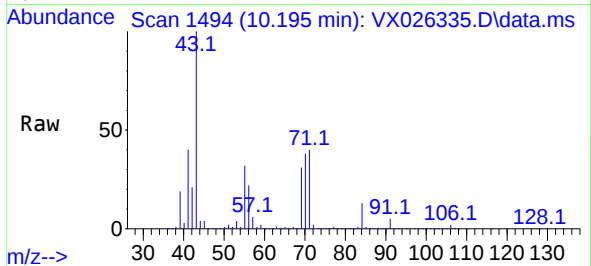




#67
Ethyl Benzene
Concen: 20.589 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

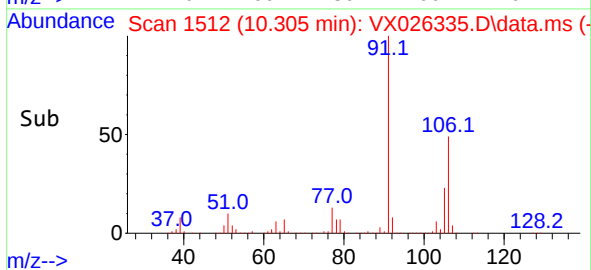
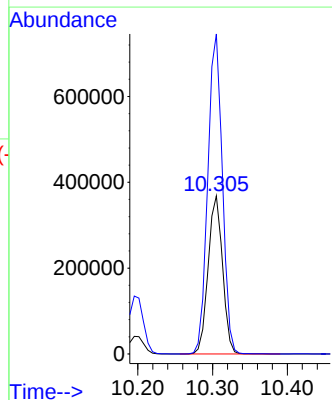
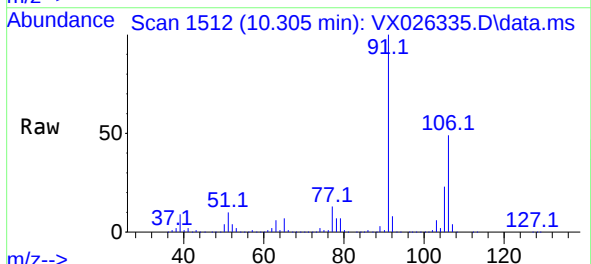
Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

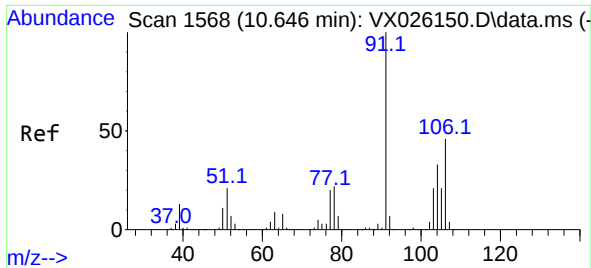
Tgt Ion: 91 Resp: 186126
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5



#68
m/p-Xylenes
Concen: 145.891 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion:106 Resp: 492439
Ion Ratio Lower Upper
106 100
91 204.5 158.6 238.0

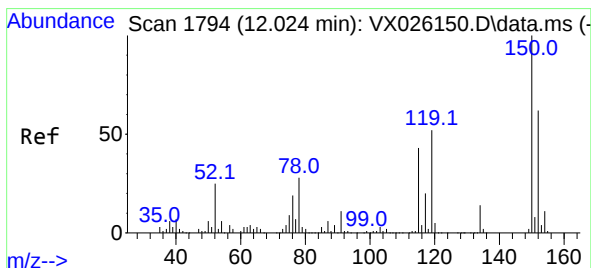
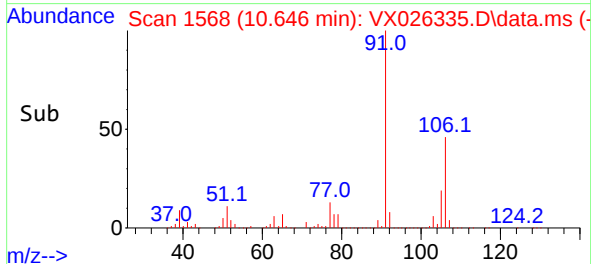
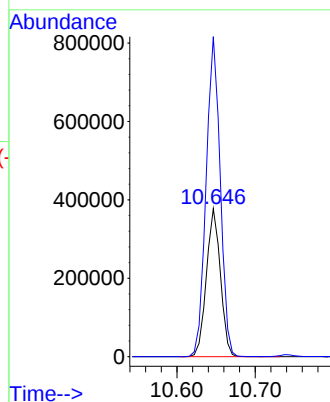
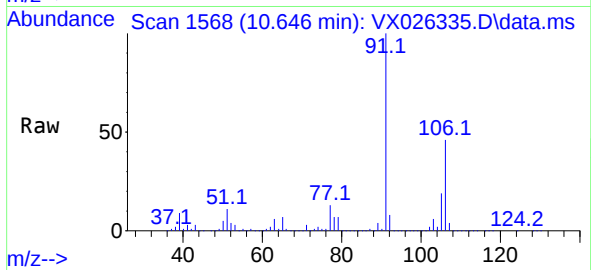




#69
o-Xylene
Concen: 141.579 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

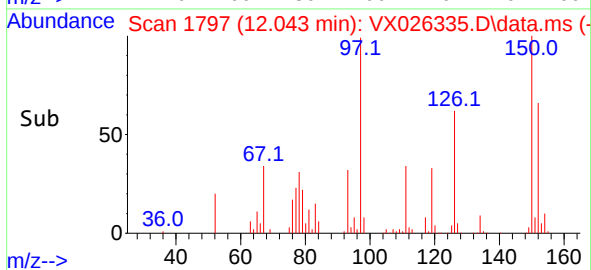
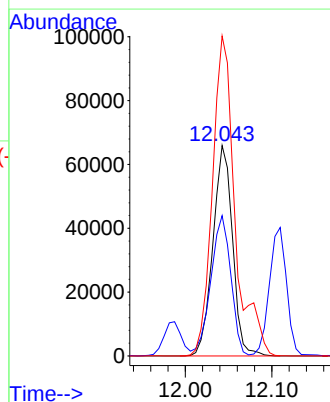
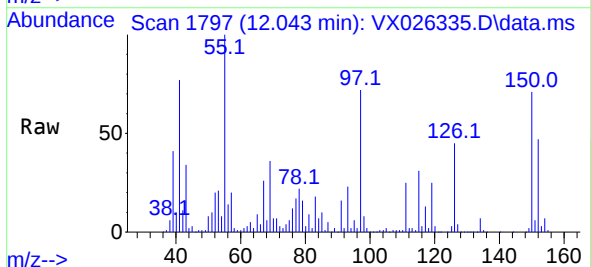
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MSVOA_X
ClientSampleId :
PARA-SB

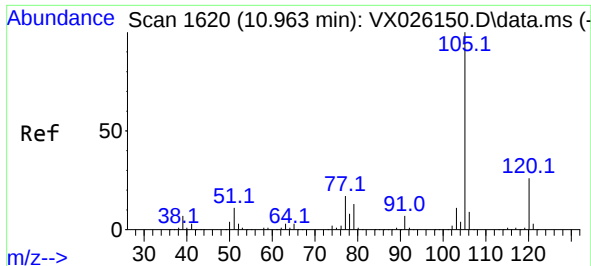
Tgt Ion:106 Resp: 467580
Ion Ratio Lower Upper
106 100
91 217.5 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.019 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion:152 Resp: 103865
Ion Ratio Lower Upper
152 100
115 66.7 41.3 123.9
150 175.3 0.0 351.8

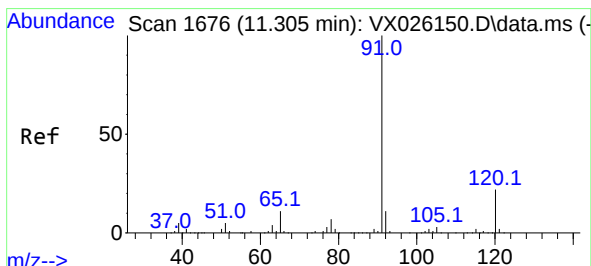
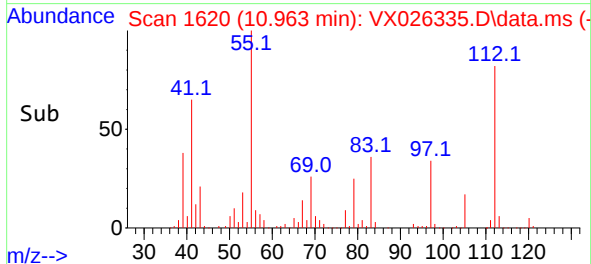
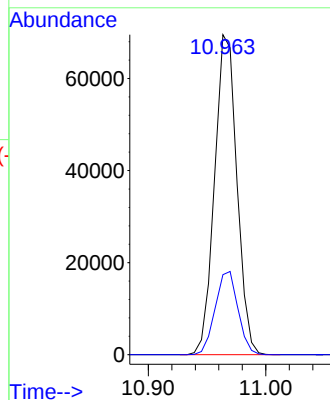
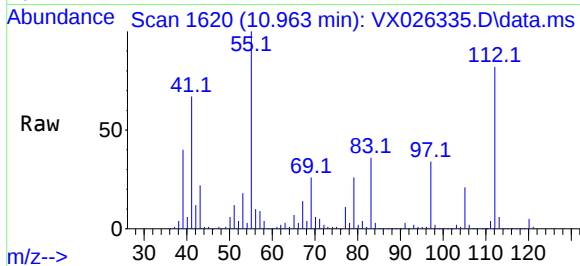




#73
Isopropylbenzene
Concen: 11.389 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

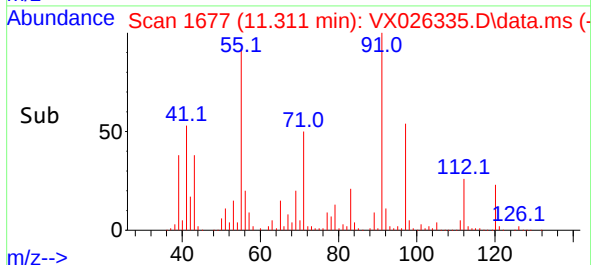
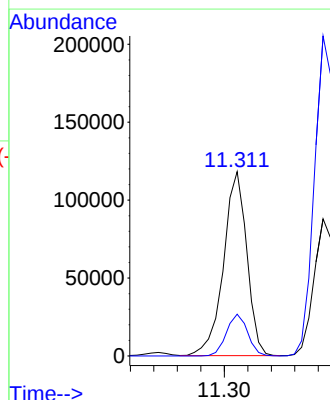
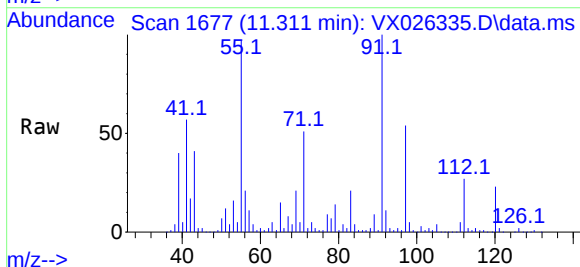
Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

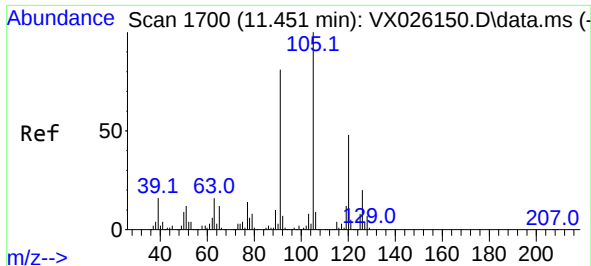
Tgt Ion:105 Resp: 91951
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.7



#78
n-propylbenzene
Concen: 17.561 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion: 91 Resp: 163012
Ion Ratio Lower Upper
91 100
120 20.6 12.0 36.1

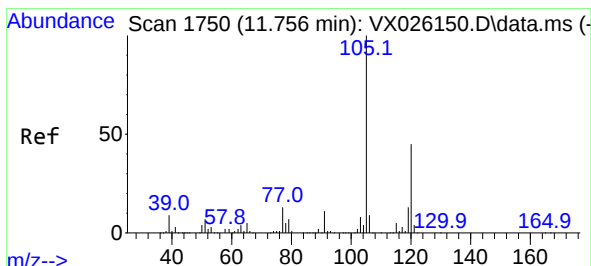
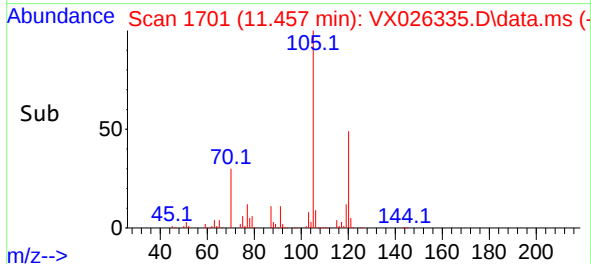
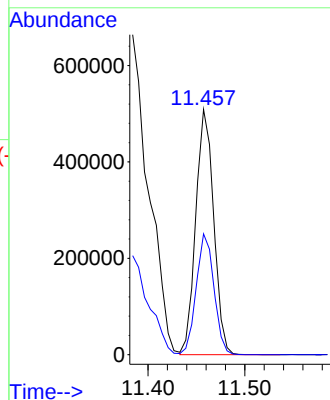
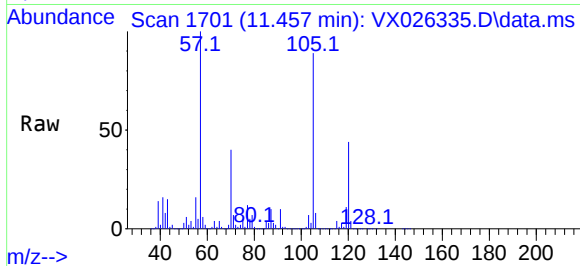




#80
1,3,5-Trimethylbenzene
Concen: 97.980 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

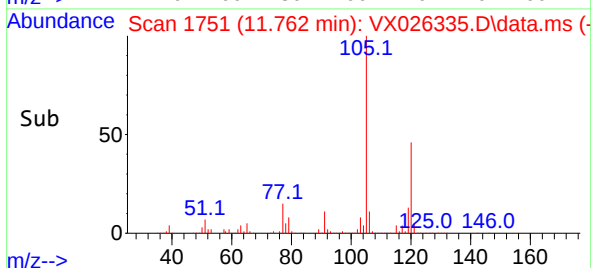
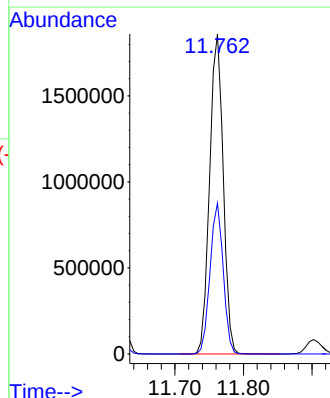
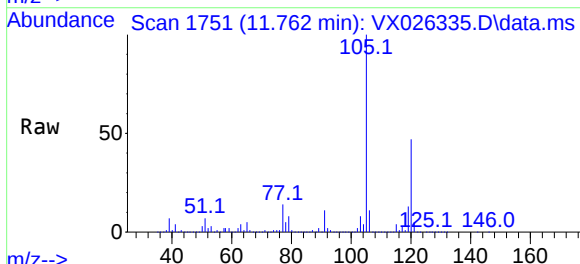
Instrument :
MSVOA_X
ClientSampleId :
PARA-SB

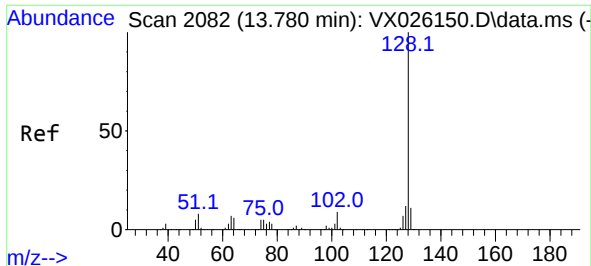
Tgt Ion:105 Resp: 656457
Ion Ratio Lower Upper
105 100
120 48.7 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 382.666 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX026335.D
Acq: 05 Jan 2022 20:15

Tgt Ion:105 Resp: 2561769
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7





#95

Naphthalene

Concen: 33.619 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX026335.D

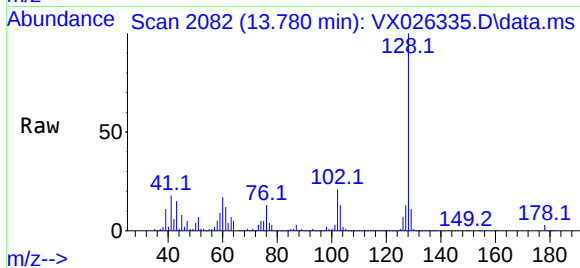
Acq: 05 Jan 2022 20:15

Instrument :

MSVOA_X

ClientSampleId :

PARA-SB



Tgt Ion:128 Resp: 269872

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.3 8.8 13.2

