

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027114.D
 Acq On : 18 Feb 2022 16:52
 Operator : JC/MD
 Sample : N1539-02DL 50X
 Misc : 5.31g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PE-2DL

Quant Time: Feb 21 00:40:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

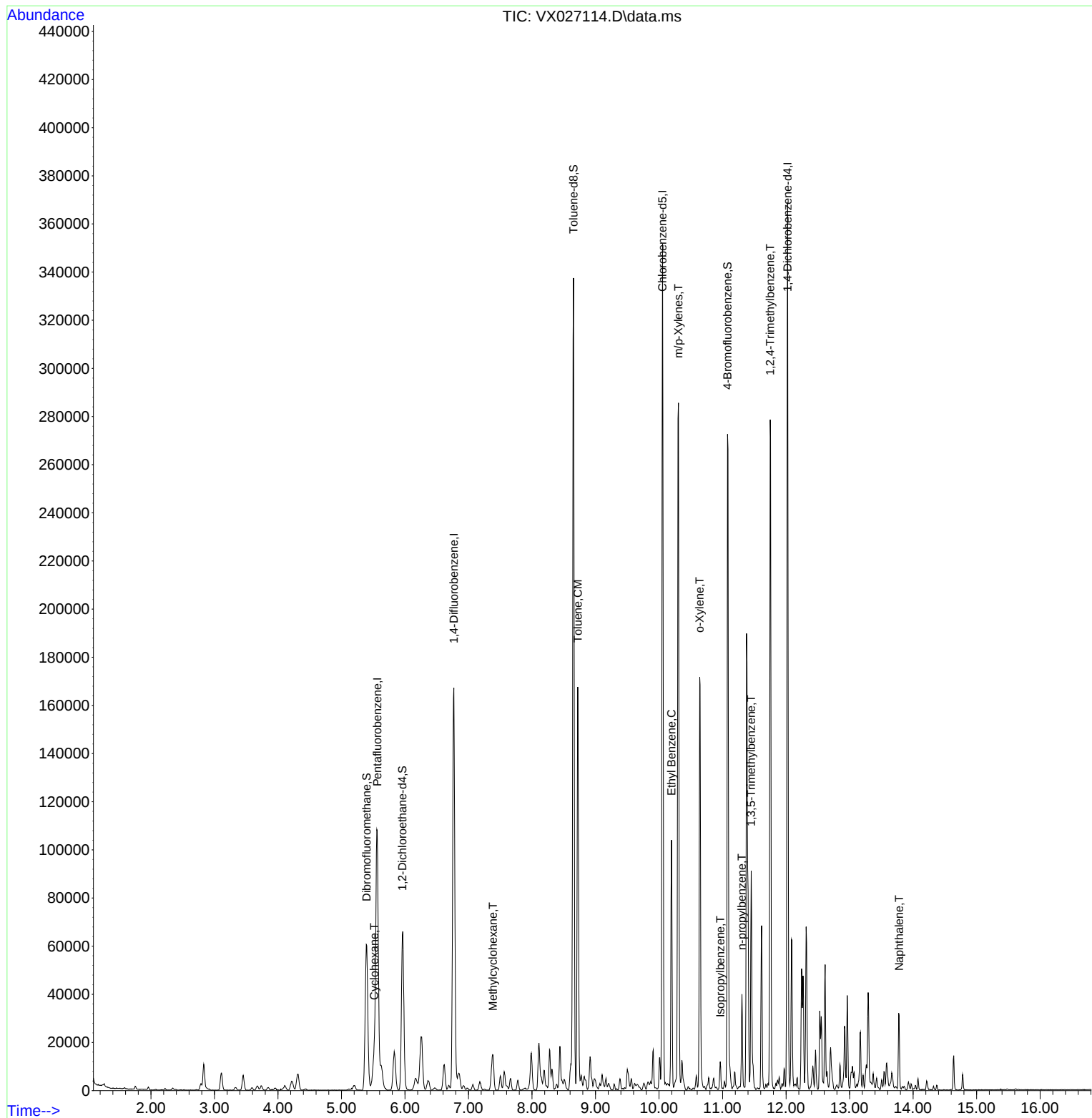
Internal Standards						
1) Pentafluorobenzene	5.562	168	105055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	175899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64370	51.044	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.080%	
35) Dibromofluoromethane	5.397	113	53761	51.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.600%	
50) Toluene-d8	8.653	98	201515	52.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	11.079	95	75262	55.571	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.140%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.513	56	4710m	2.351	ug/l	
39) Methylcyclohexane	7.385	83	6188	3.052	ug/l	98
52) Toluene	8.720	92	63064	20.673	ug/l	100
67) Ethyl Benzene	10.195	91	57696	9.952	ug/l	98
68) m/p-Xylenes	10.305	106	69080	30.971	ug/l	97
69) o-Xylene	10.640	106	38879	17.789	ug/l	98
73) Isopropylbenzene	10.963	105	5782	0.984	ug/l	99
78) n-propylbenzene	11.305	91	23539	3.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	37920	7.843	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	124907	25.611	ug/l	95
95) Naphthalene	13.780	128	20741	3.800	ug/l	99

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

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Misc : 5.31g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Feb 21 00:40:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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Response via : Initial Calibration

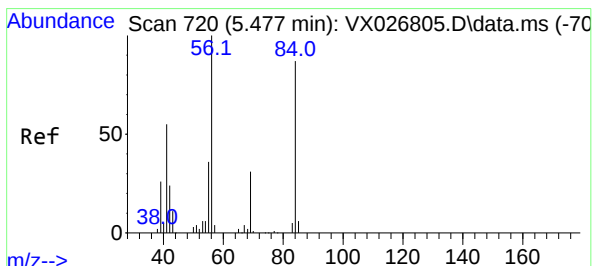
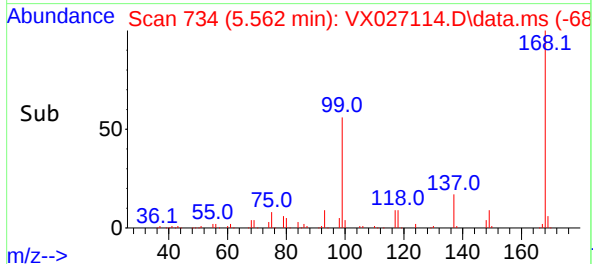
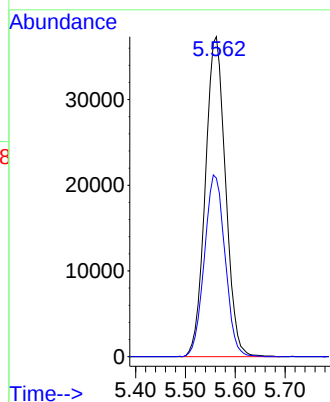
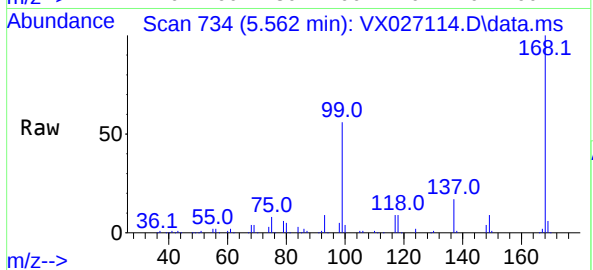




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

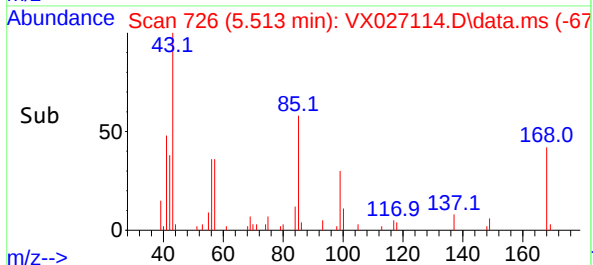
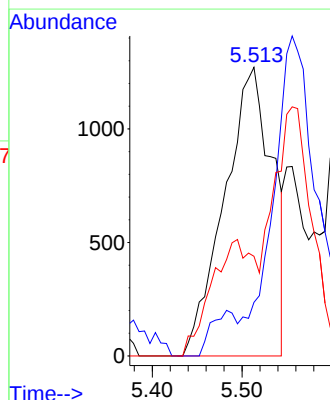
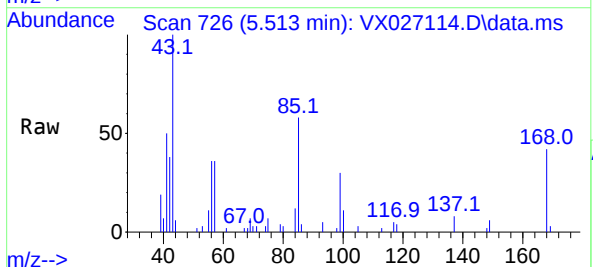
Instrument :
MSVOA_X
ClientSampleId :
PE-2DL

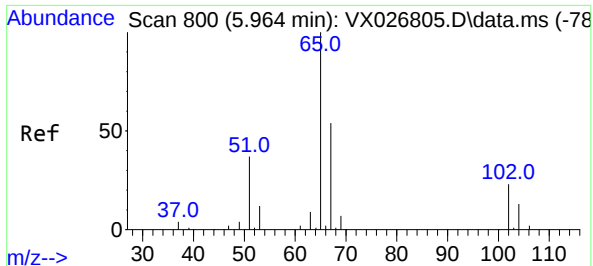
Tgt Ion:168 Resp: 105055
Ion Ratio Lower Upper
168 100
99 55.8 50.3 75.5



#31
Cyclohexane
Concen: 2.351 ug/l m
RT: 5.513 min Scan# 726
Delta R.T. 0.037 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

Tgt Ion: 56 Resp: 4710
Ion Ratio Lower Upper
56 100
69 18.6 25.8 38.6#
84 34.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.044 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027114.D

Acq: 18 Feb 2022 16:52

Instrument :

MSVOA_X

ClientSampleId :

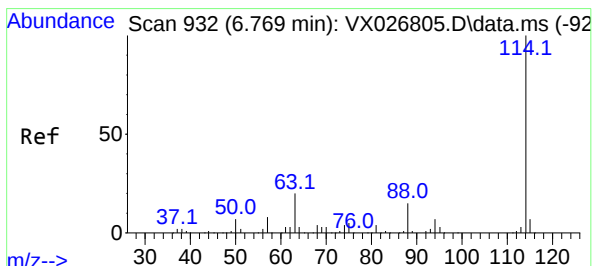
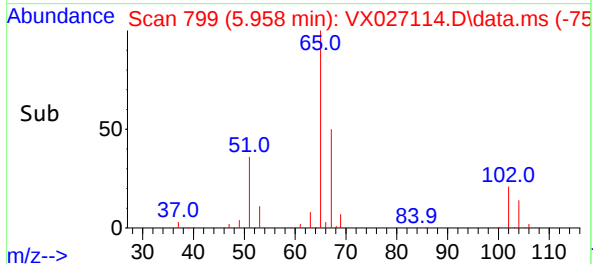
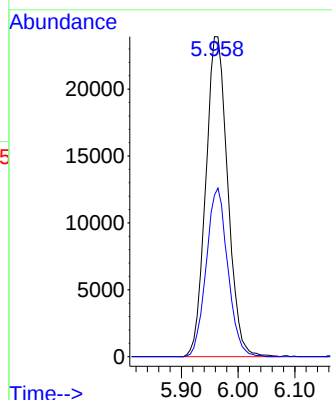
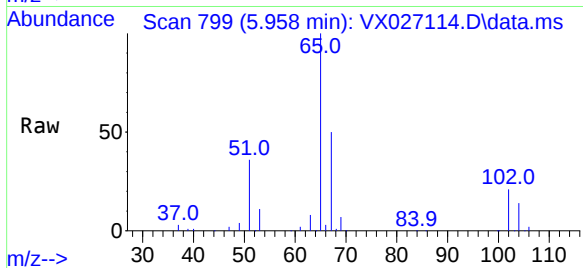
PE-2DL

Tgt Ion: 65 Resp: 64370

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027114.D

Acq: 18 Feb 2022 16:52

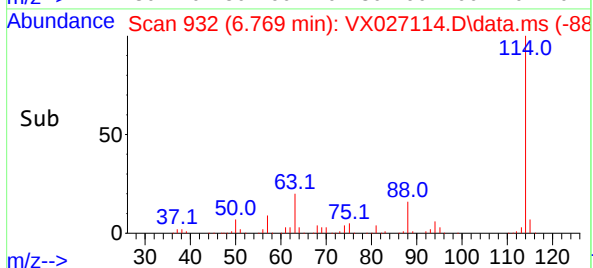
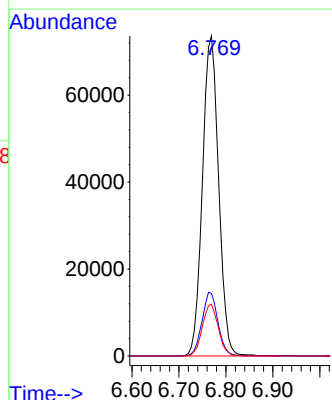
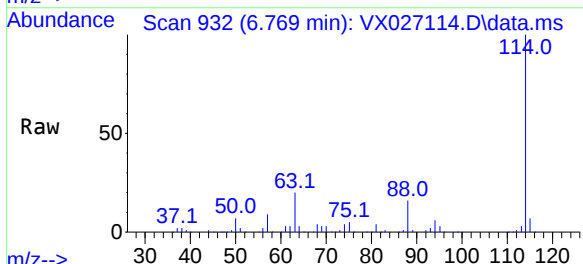
Tgt Ion: 114 Resp: 175899

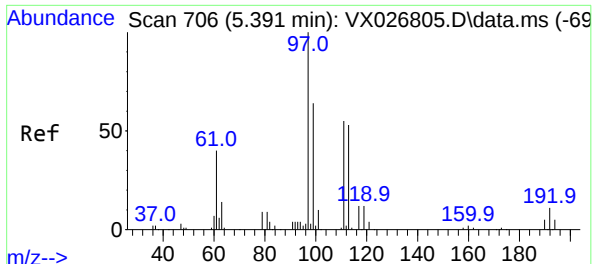
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 16.2 0.0 33.0

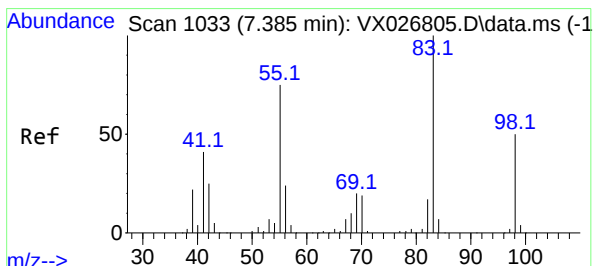
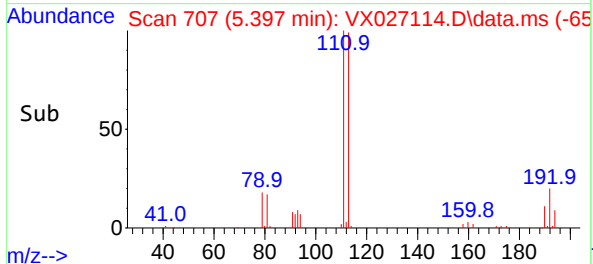
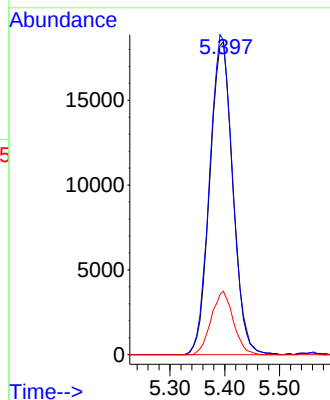
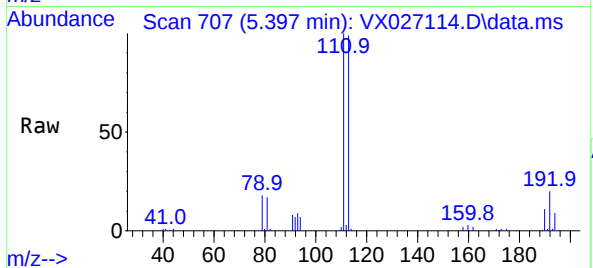




#35
Dibromofluoromethane
Concen: 51.300 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

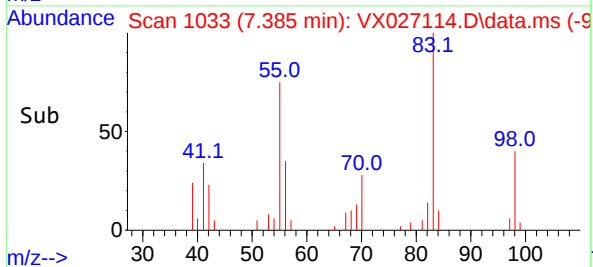
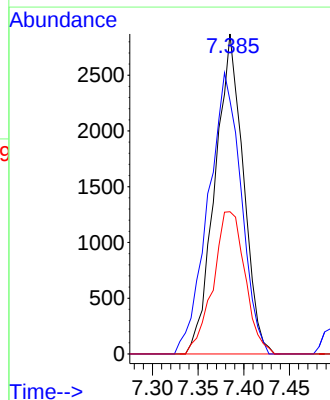
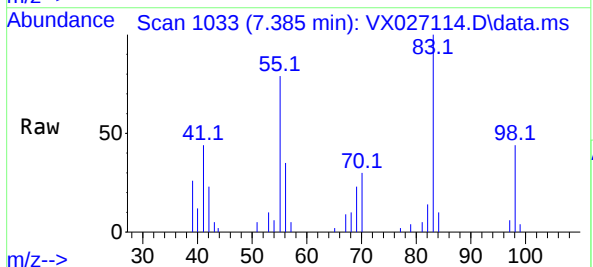
Instrument :
MSVOA_X
ClientSampleId :
PE-2DL

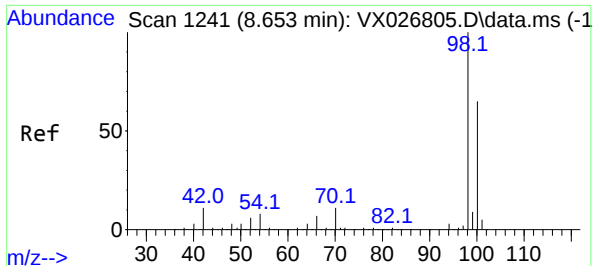
Tgt Ion:113 Resp: 53761
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.4 15.0 22.4



#39
Methylcyclohexane
Concen: 3.052 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

Tgt Ion: 83 Resp: 6188
Ion Ratio Lower Upper
83 100
55 79.2 63.6 95.4
98 44.5 38.4 57.6





#50

Toluene-d8

Concen: 52.385 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027114.D

Acq: 18 Feb 2022 16:52

Instrument :

MSVOA_X

ClientSampleId :

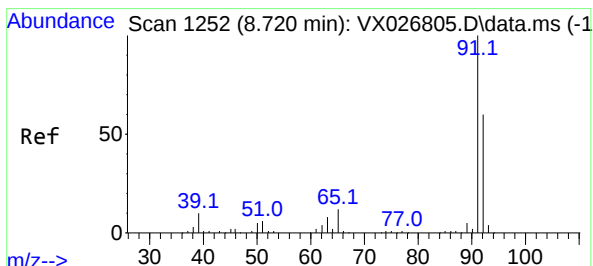
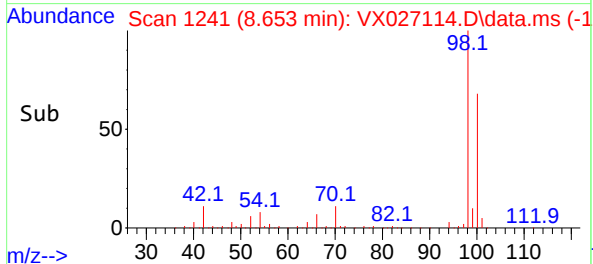
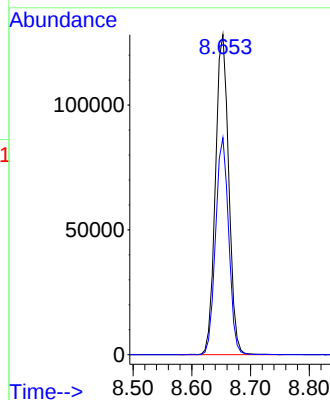
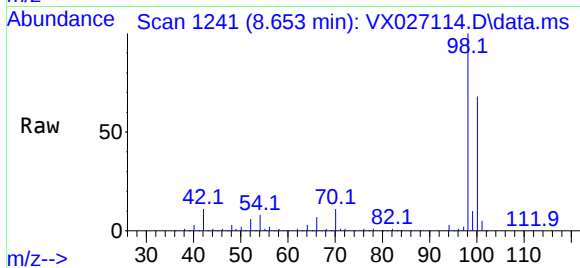
PE-2DL

Tgt Ion: 98 Resp: 201515

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8



#52

Toluene

Concen: 20.673 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027114.D

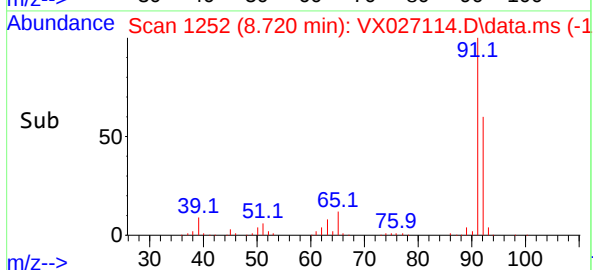
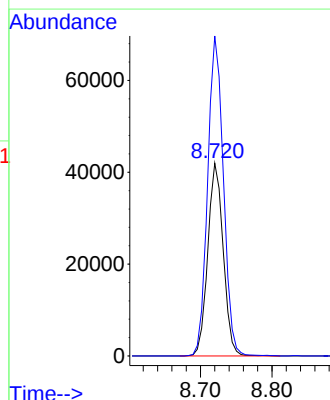
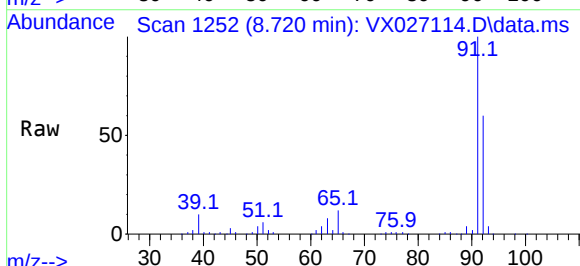
Acq: 18 Feb 2022 16:52

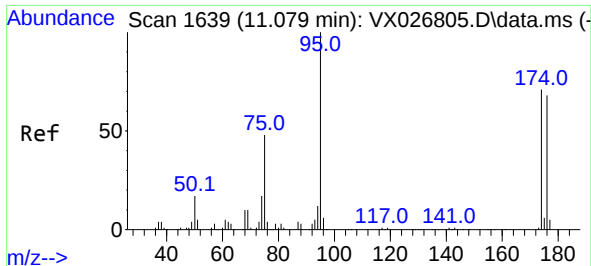
Tgt Ion: 92 Resp: 63064

Ion Ratio Lower Upper

92 100

91 169.3 135.7 203.5





#62

4-Bromofluorobenzene

Concen: 55.571 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027114.D

Acq: 18 Feb 2022 16:52

Instrument :

MSVOA_X

ClientSampleId :

PE-2DL

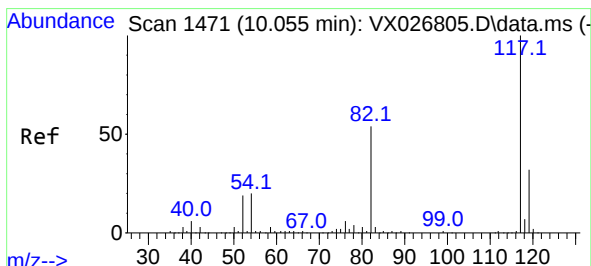
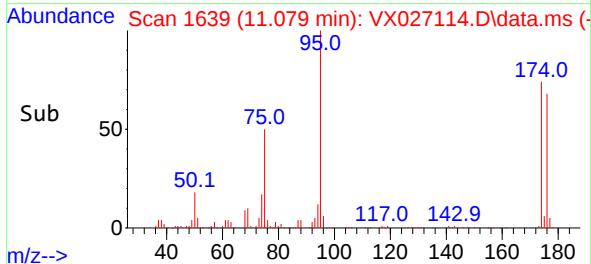
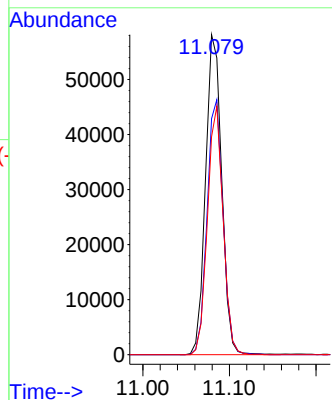
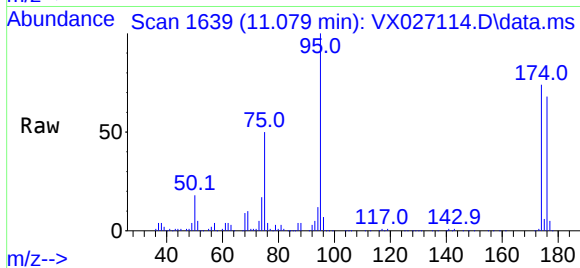
Tgt Ion: 95 Resp: 75262

Ion Ratio Lower Upper

95 100

174 78.7 0.0 148.6

176 75.2 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027114.D

Acq: 18 Feb 2022 16:52

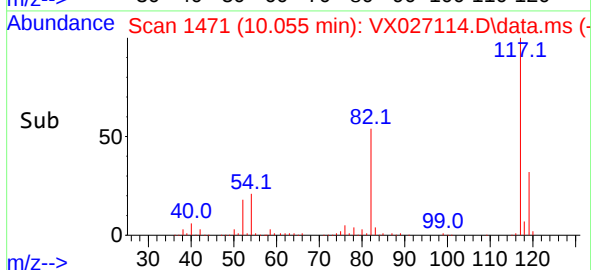
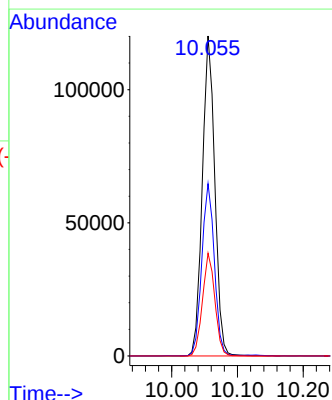
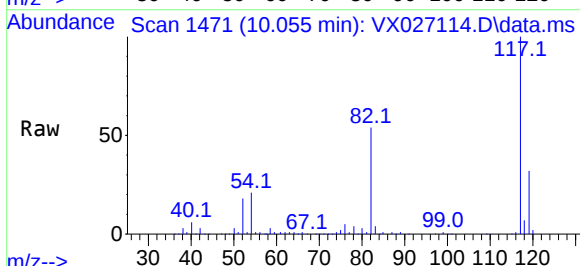
Tgt Ion: 117 Resp: 158383

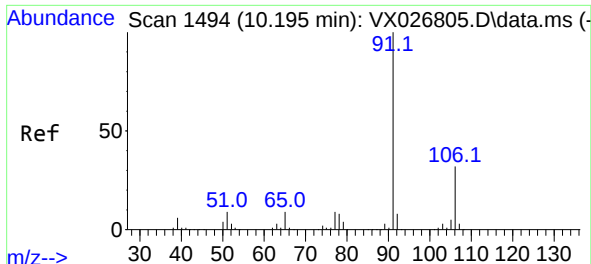
Ion Ratio Lower Upper

117 100

82 53.8 45.2 67.8

119 32.1 26.2 39.2

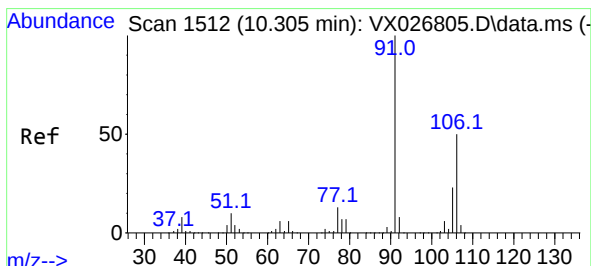
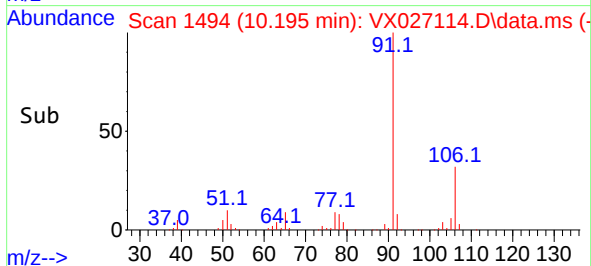
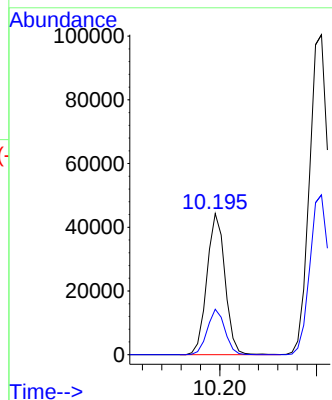
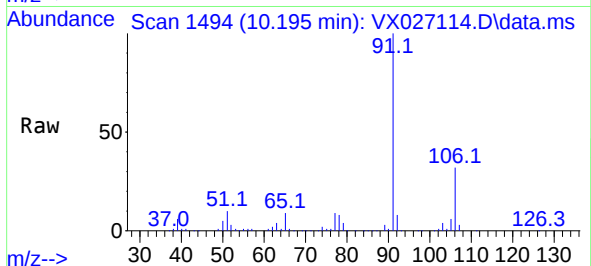




#67
Ethyl Benzene
Concen: 9.952 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

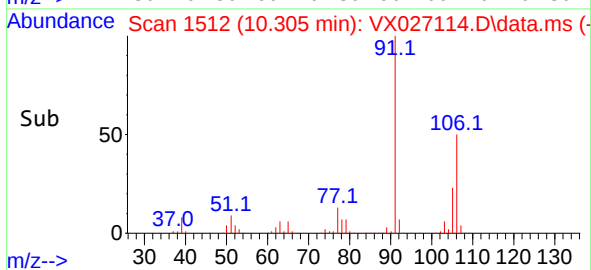
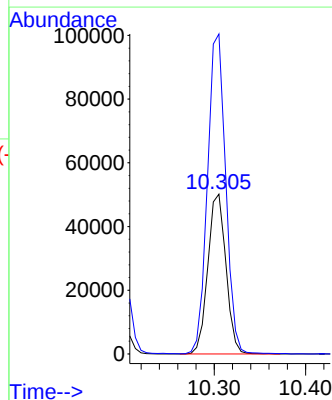
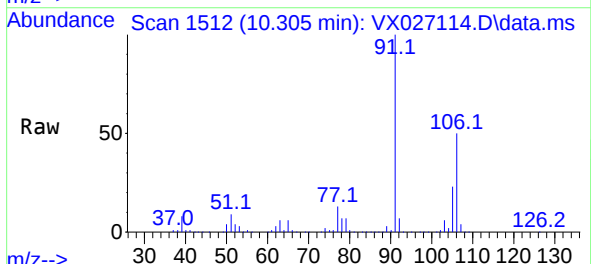
Instrument :
MSVOA_X
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PE-2DL

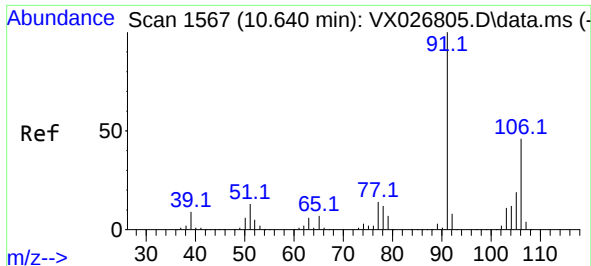
Tgt Ion: 91 Resp: 57696
Ion Ratio Lower Upper
91 100
106 32.3 24.7 37.1



#68
m/p-Xylenes
Concen: 30.971 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

Tgt Ion: 106 Resp: 69080
Ion Ratio Lower Upper
106 100
91 202.1 165.3 247.9

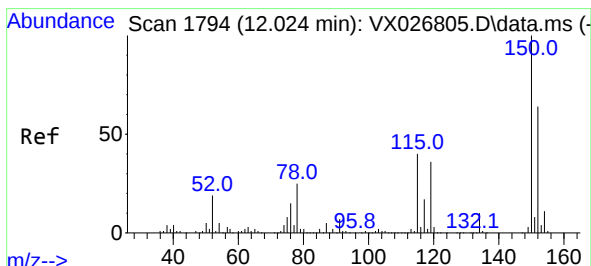
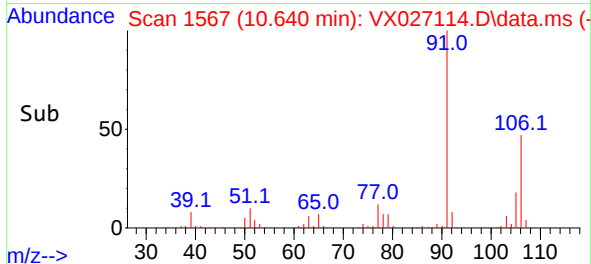
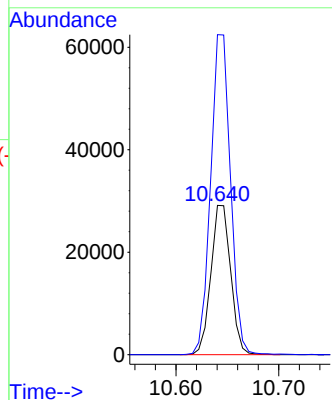
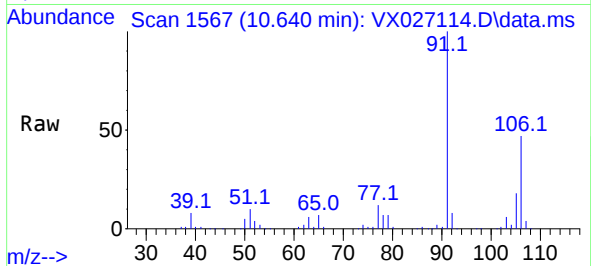




#69
o-Xylene
Concen: 17.789 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

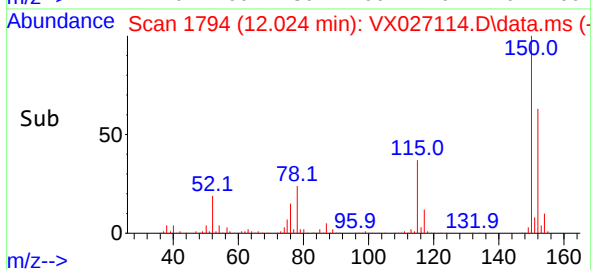
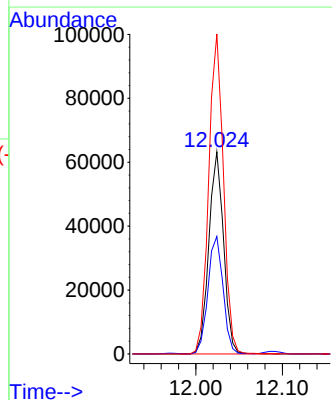
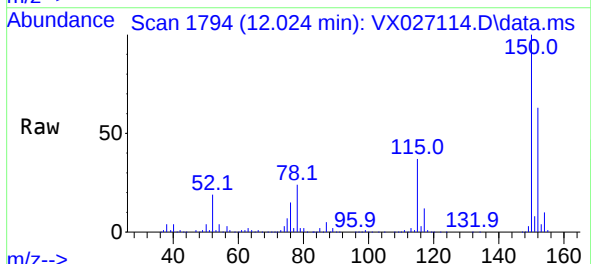
Instrument :
MSVOA_X
ClientSampleId :
PE-2DL

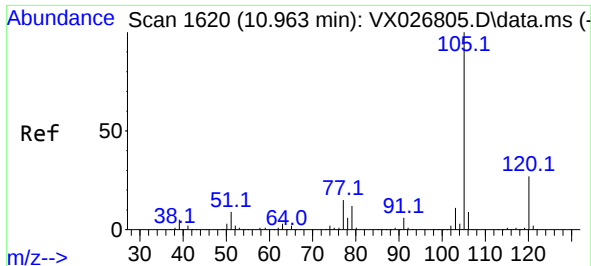
Tgt Ion:106 Resp: 38879
Ion Ratio Lower Upper
106 100
91 215.8 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

Tgt Ion:152 Resp: 74584
Ion Ratio Lower Upper
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150 158.3 0.0 348.2

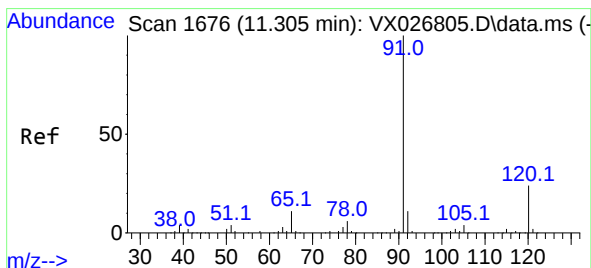
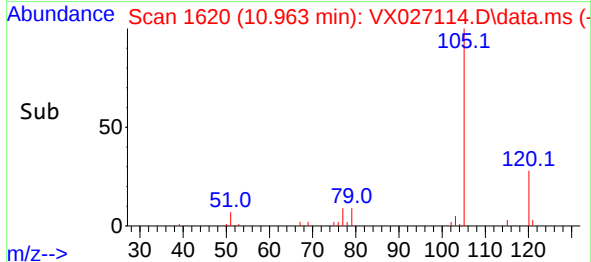
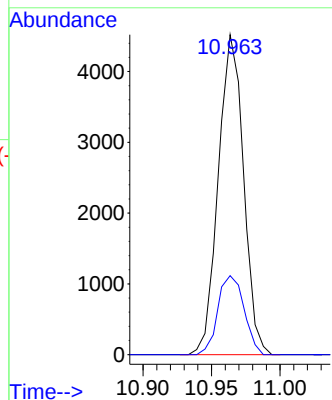
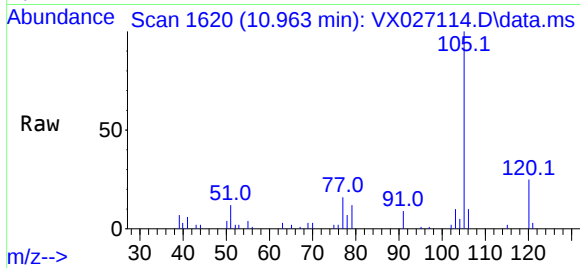




#73
Isopropylbenzene
Concen: 0.984 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

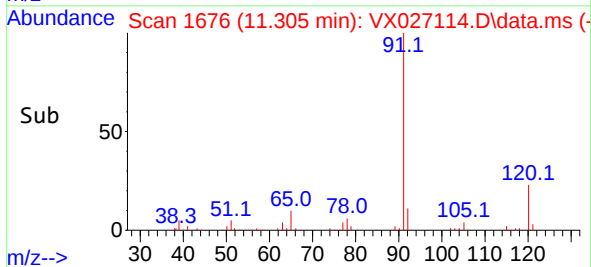
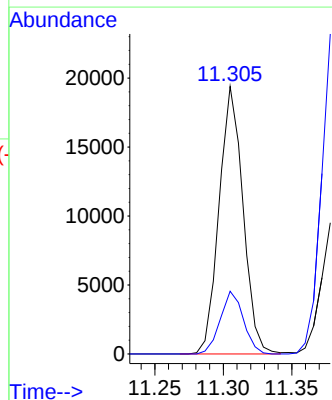
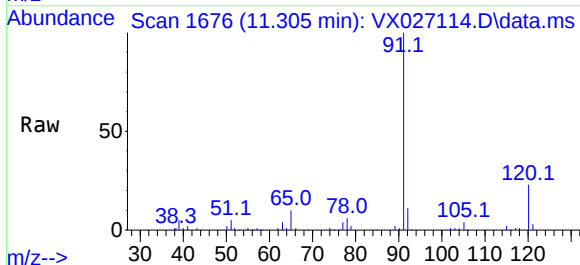
Instrument :
MSVOA_X
ClientSampleId :
PE-2DL

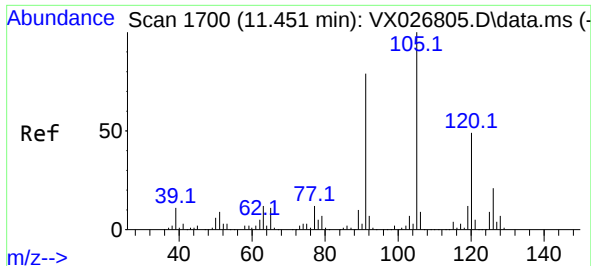
Tgt Ion:105 Resp: 5782
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#78
n-propylbenzene
Concen: 3.614 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

Tgt Ion: 91 Resp: 23539
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

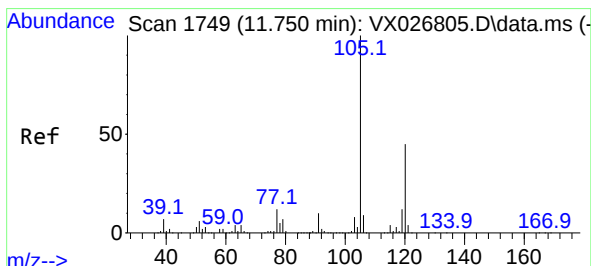
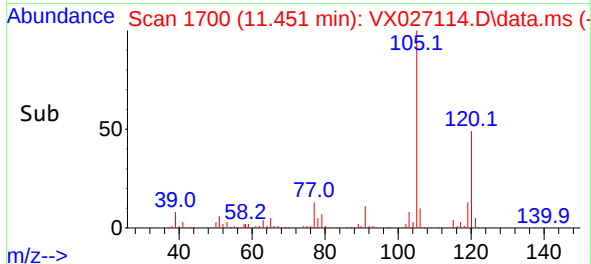
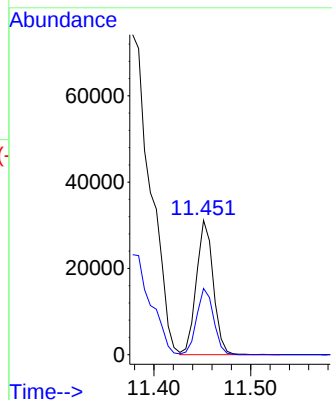
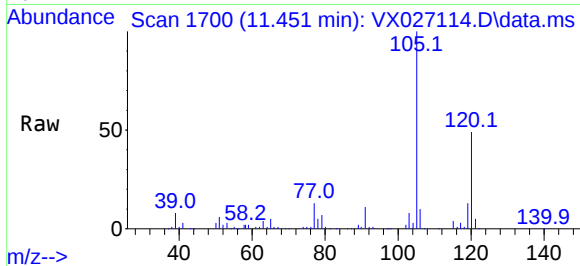




#80
1,3,5-Trimethylbenzene
Concen: 7.843 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

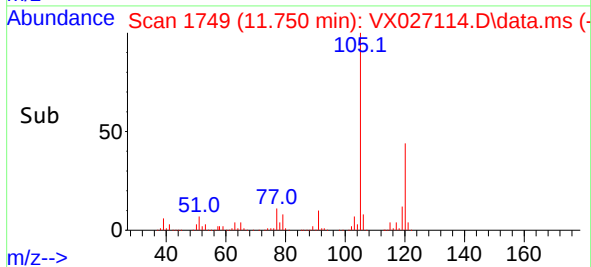
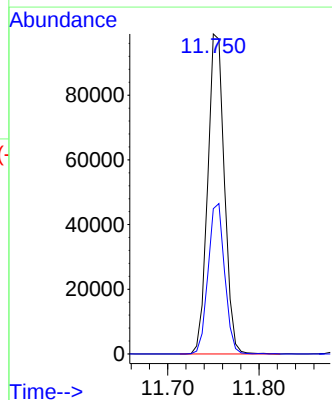
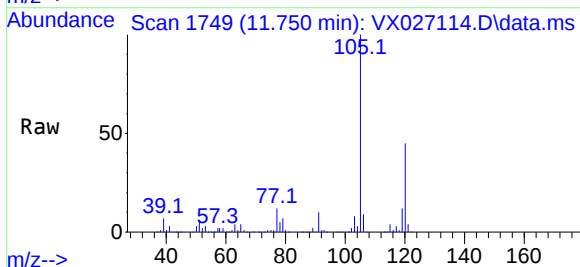
Instrument :
MSVOA_X
ClientSampleId :
PE-2DL

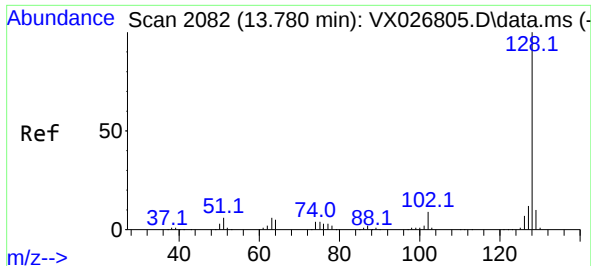
Tgt Ion:105 Resp: 37920
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 25.611 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

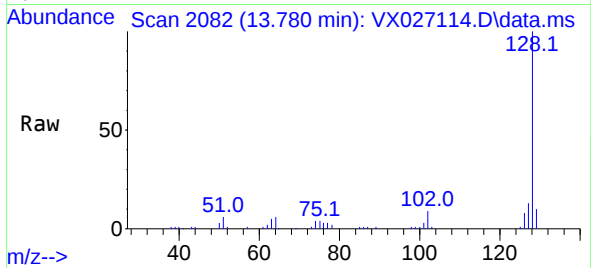
Tgt Ion:105 Resp: 124907
Ion Ratio Lower Upper
105 100
120 46.6 21.9 65.5





#95
Naphthalene
Concen: 3.800 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027114.D
Acq: 18 Feb 2022 16:52

Instrument :
MSVOA_X
ClientSampleId :
PE-2DL



Tgt Ion:128 Resp: 20741

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.3	8.7	13.1

