

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026320.D
 Acq On : 05 Jan 2022 14:27
 Operator : JC/MD
 Sample : M5336-01DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40569DL

Quant Time: Jan 06 03:08:57 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)

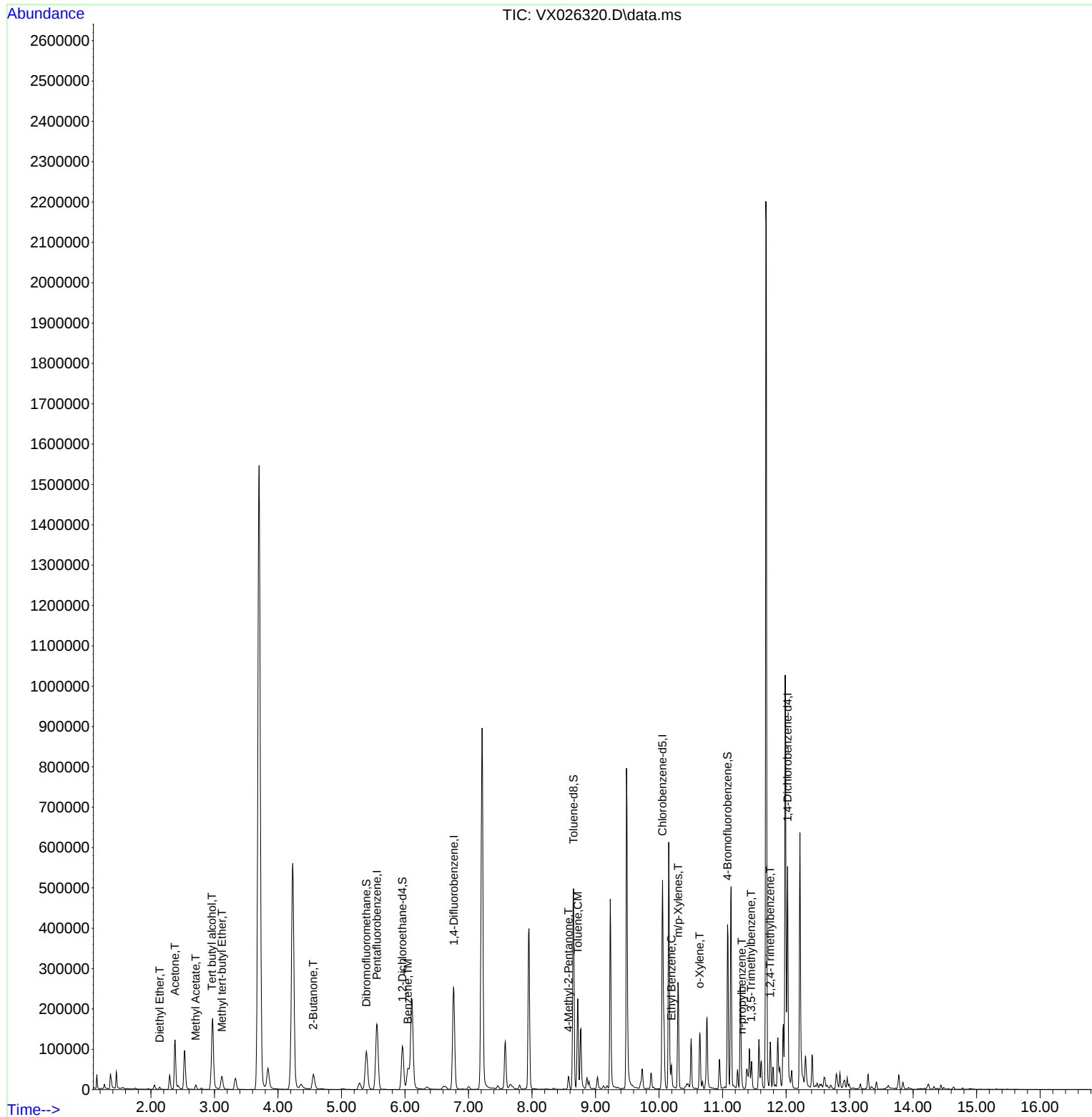
Internal Standards						
1) Pentafluorobenzene	5.556	168	145932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107607	50.969	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.940%			
35) Dibromofluoromethane	5.391	113	81113	50.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.653	98	289969	48.400	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.800%			
62) 4-Bromofluorobenzene	11.079	95	111888	52.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.920%			
Target Compounds					Qvalue	
8) Diethyl Ether	2.136	74	1605	1.445	ug/l	90
11) Tert butyl alcohol	2.959	59	47048	111.574	ug/l #	88
16) Acetone	2.380	43	132809	116.104	ug/l	94
18) Methyl Acetate	2.703	43	12757	3.438	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	34193	6.058	ug/l	98
25) 2-Butanone	4.556	43	59037	37.050	ug/l	95
40) Benzene	6.044	78	56018	7.555	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	19524	6.391	ug/l	100
52) Toluene	8.720	92	79418	17.399	ug/l	99
67) Ethyl Benzene	10.195	91	26943	3.142	ug/l	97
68) m/p-Xylenes	10.299	106	57314	17.900	ug/l	91
69) o-Xylene	10.640	106	26883	8.581	ug/l	89
78) n-propylbenzene	11.305	91	5678	0.632	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	11931	1.841	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	47049	7.265	ug/l	96

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

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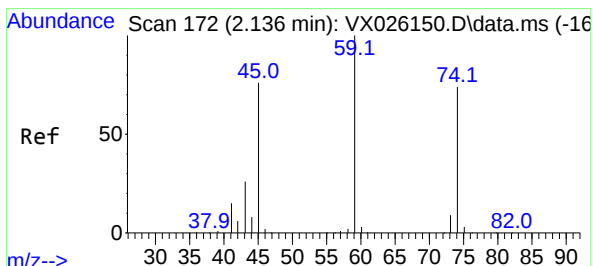
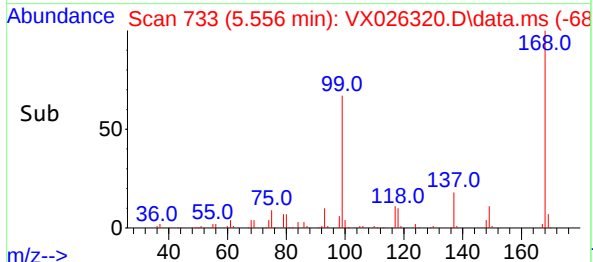
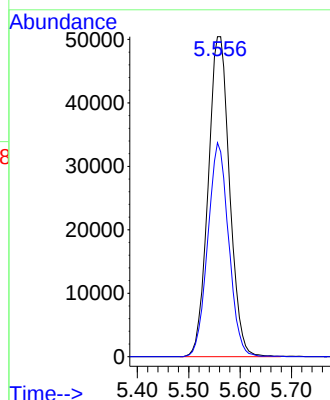
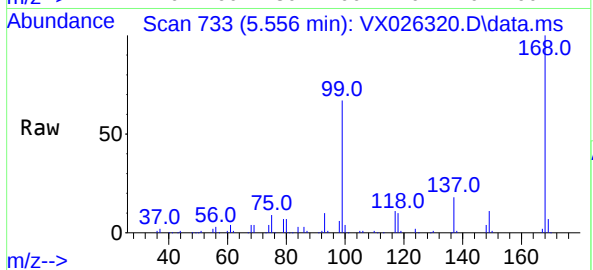




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

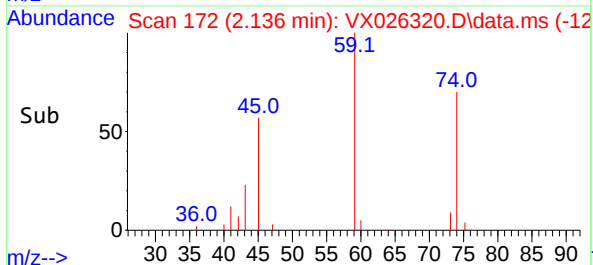
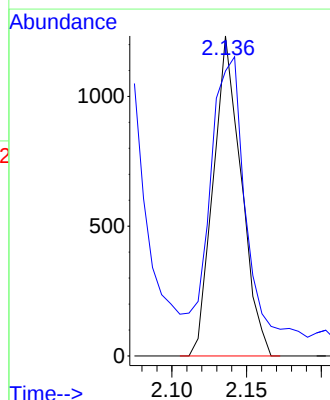
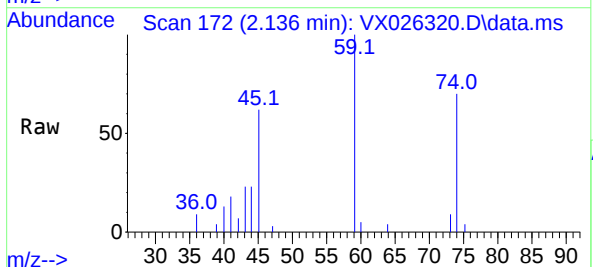
Instrument :
MSVOA_X
ClientSampleId :
40569DL

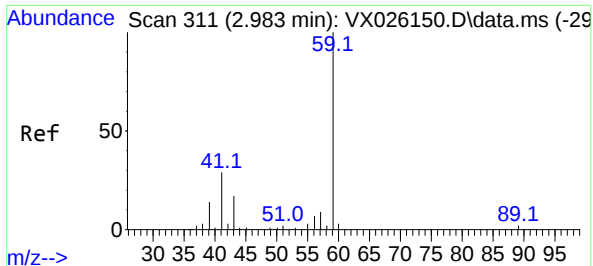
Tgt Ion:168 Resp: 145932
Ion Ratio Lower Upper
168 100
99 66.9 45.8 68.8



#8
Diethyl Ether
Concen: 1.445 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion: 74 Resp: 1605
Ion Ratio Lower Upper
74 100
45 111.2 50.4 151.2

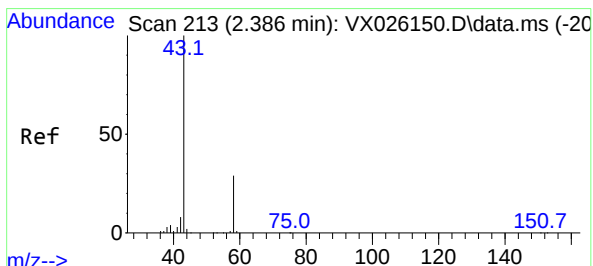
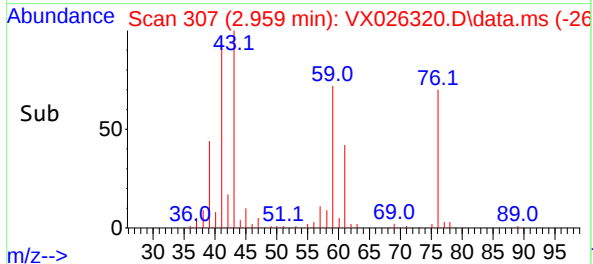
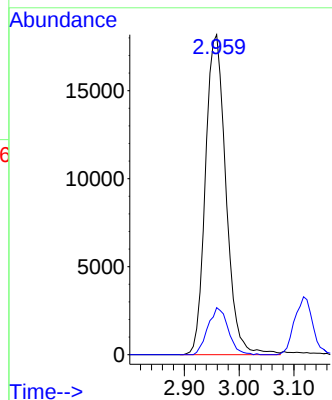
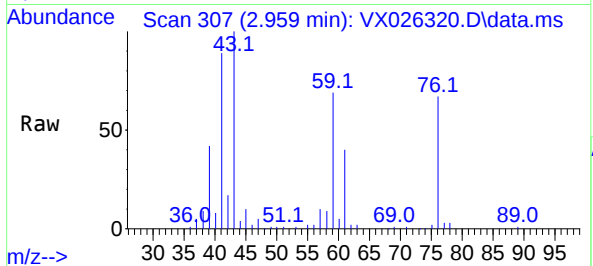




#11
Tert butyl alcohol
Concen: 111.574 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

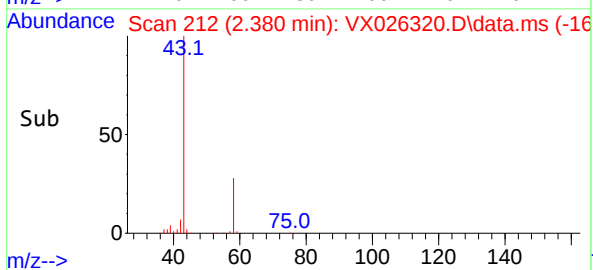
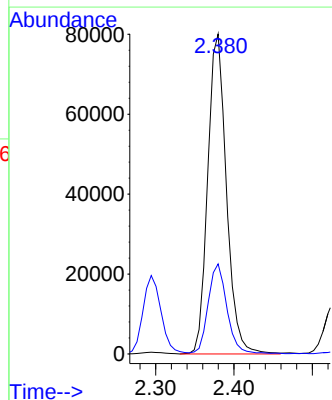
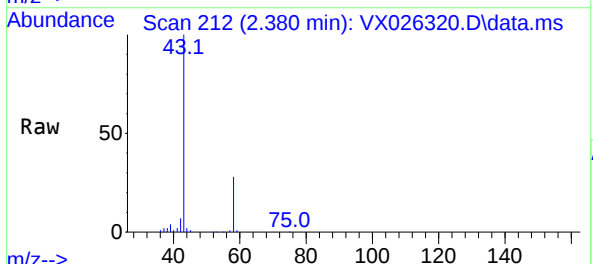
Instrument :
MSVOA_X
ClientSampleId :
40569DL

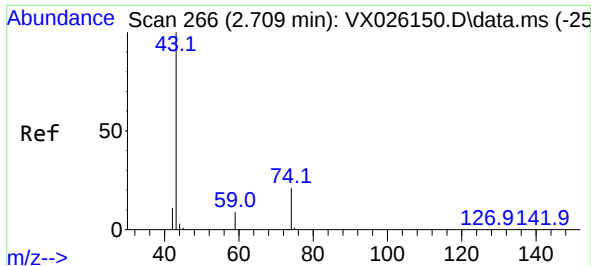
Tgt Ion: 59 Resp: 47048
Ion Ratio Lower Upper
59 100
57 14.6 8.2 12.2#



#16
Acetone
Concen: 116.104 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion: 43 Resp: 132809
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2





#18

Methyl Acetate

Concen: 3.438 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX026320.D

Acq: 05 Jan 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

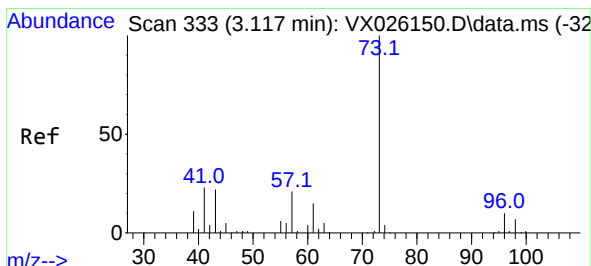
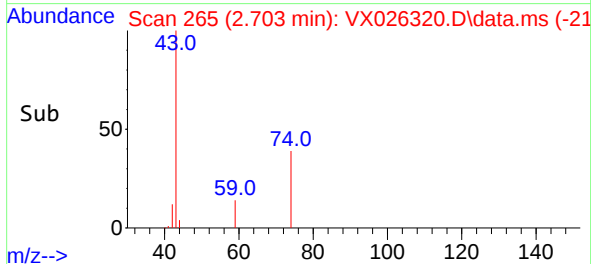
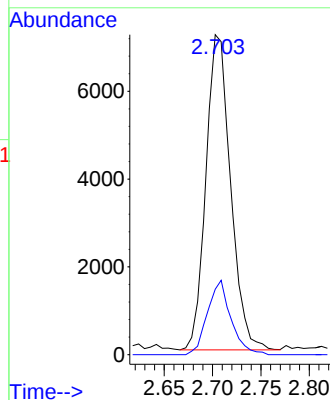
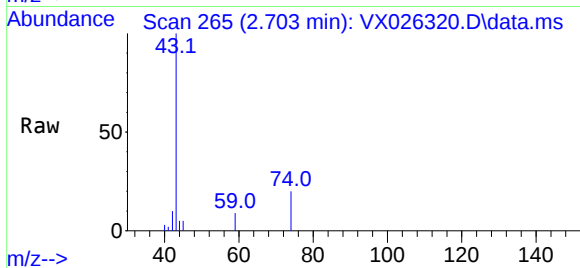
40569DL

Tgt Ion: 43 Resp: 12757

Ion Ratio Lower Upper

43 100

74 22.4 19.1 28.7



#19

Methyl tert-butyl Ether

Concen: 6.058 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026320.D

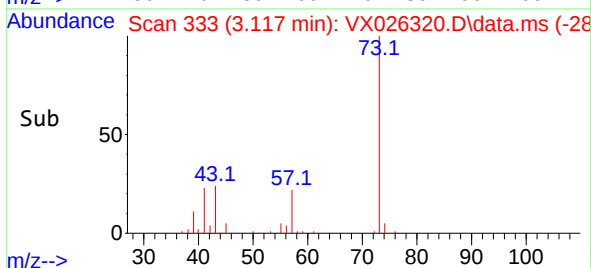
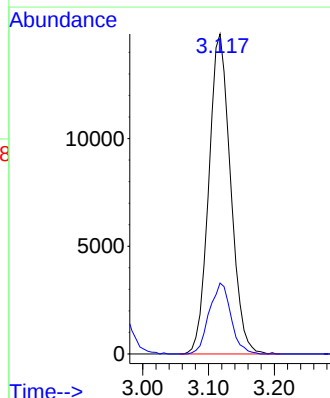
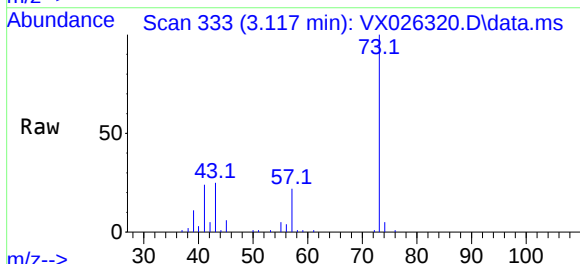
Acq: 05 Jan 2022 14:27

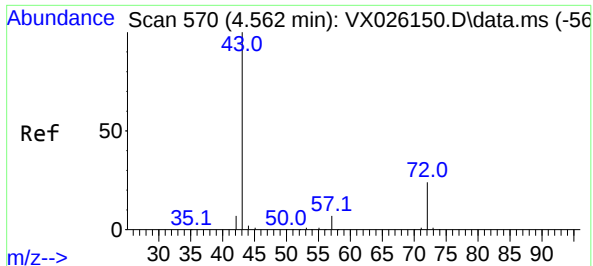
Tgt Ion: 73 Resp: 34193

Ion Ratio Lower Upper

73 100

57 22.1 17.0 25.6





#25

2-Butanone

Concen: 37.050 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX026320.D

Acq: 05 Jan 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

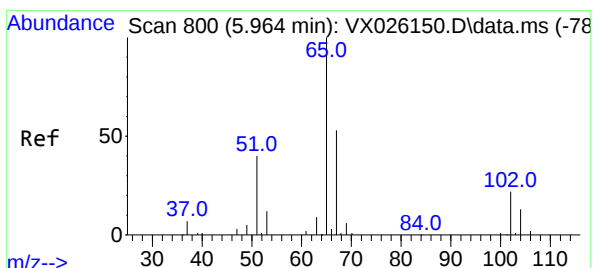
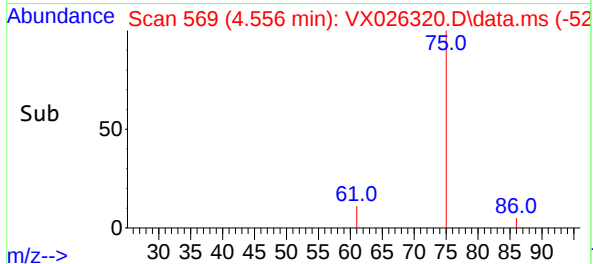
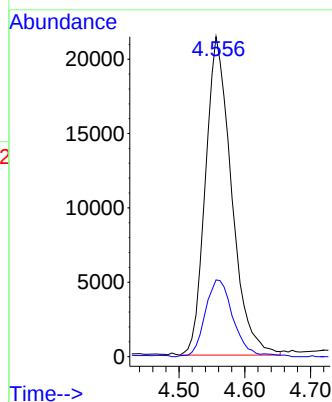
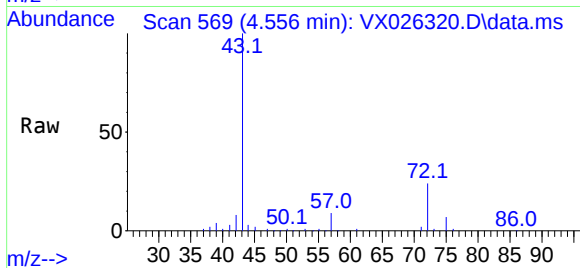
40569DL

Tgt Ion: 43 Resp: 59037

Ion Ratio Lower Upper

43 100

72 23.8 21.0 31.4



#33

1,2-Dichloroethane-d4

Concen: 50.969 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026320.D

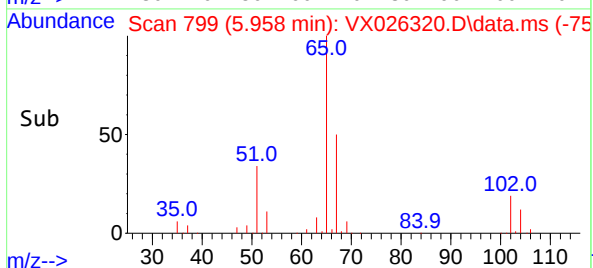
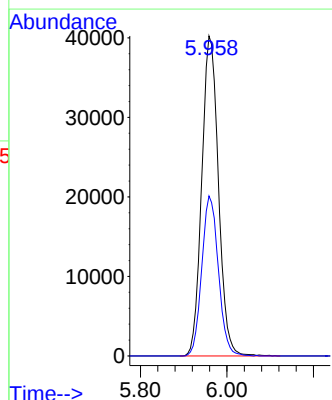
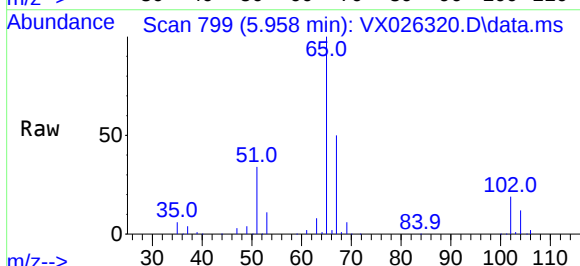
Acq: 05 Jan 2022 14:27

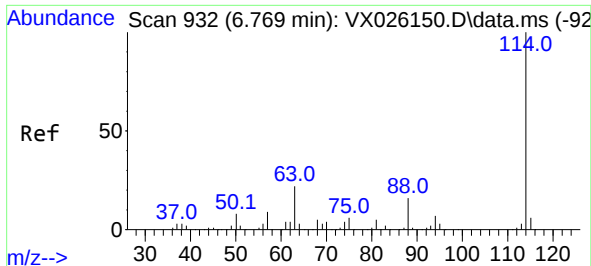
Tgt Ion: 65 Resp: 107607

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.4

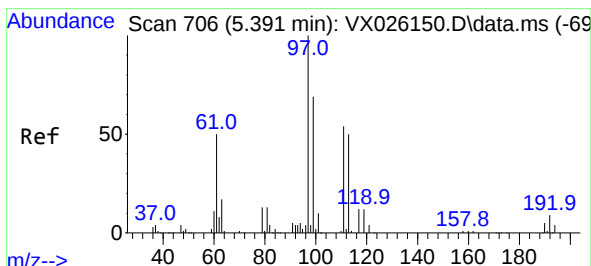
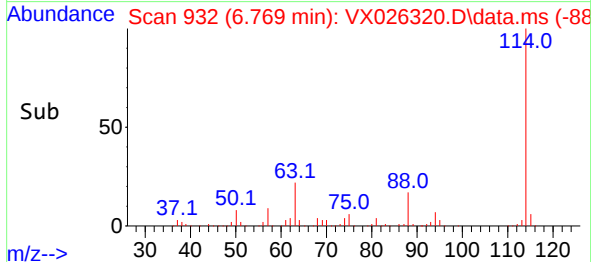
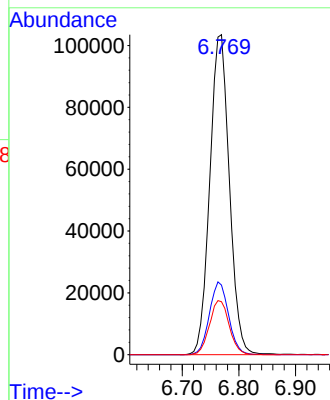
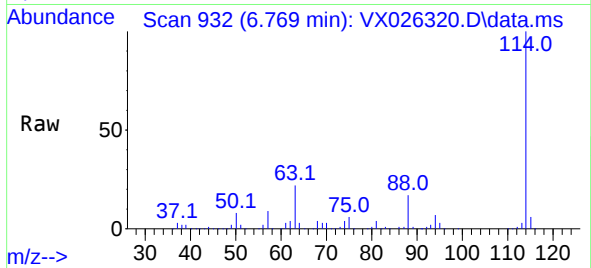




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

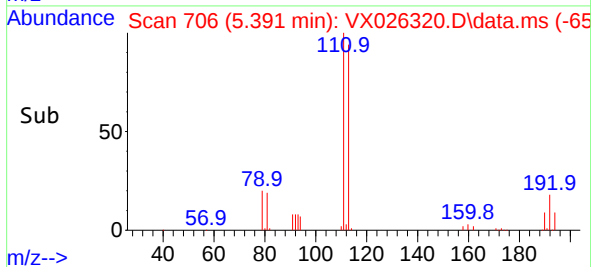
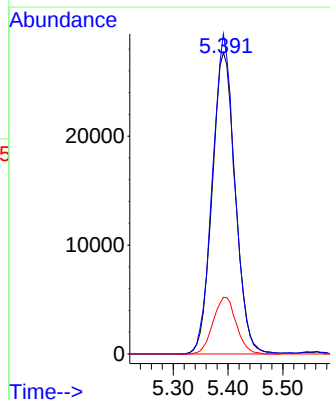
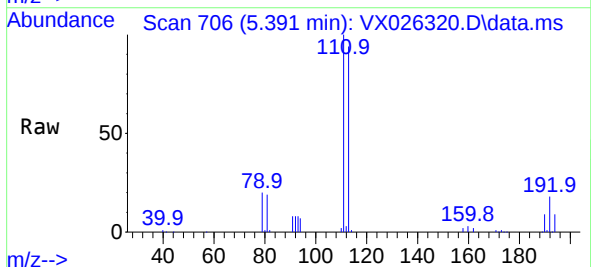
Instrument :
MSVOA_X
ClientSampleId :
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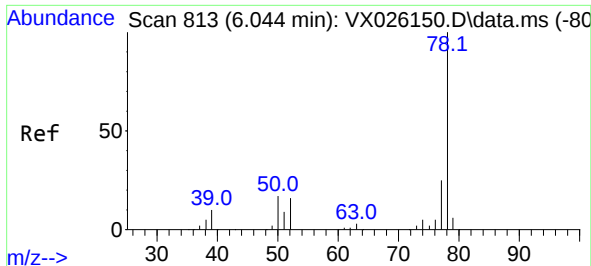
Tgt Ion:114 Resp: 247746
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.360 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion:113 Resp: 81113
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 18.8 15.0 22.4

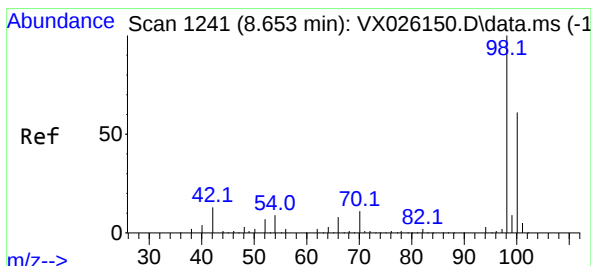
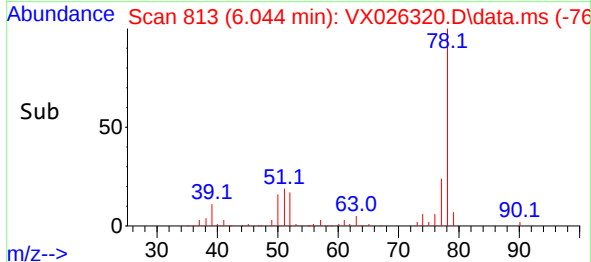
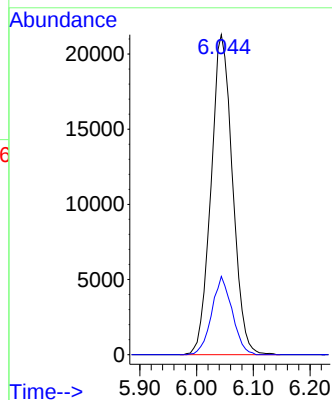
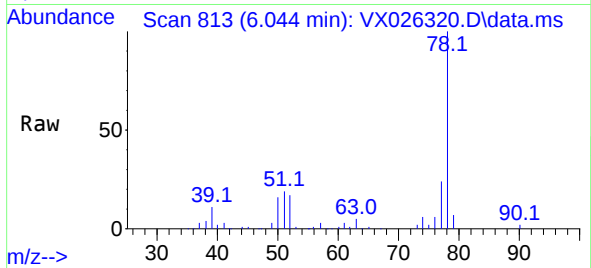




#40
Benzene
Concen: 7.555 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

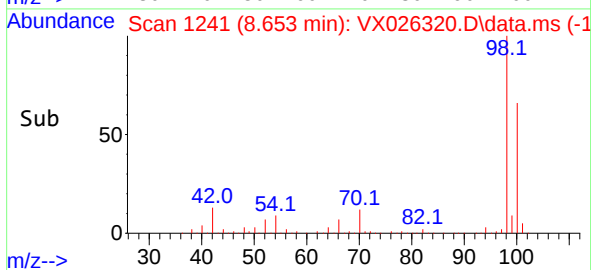
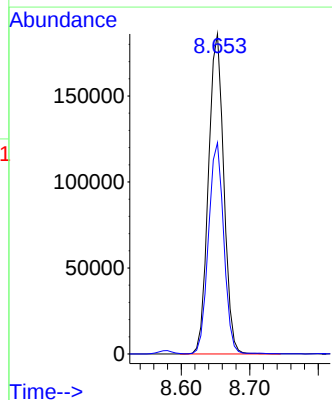
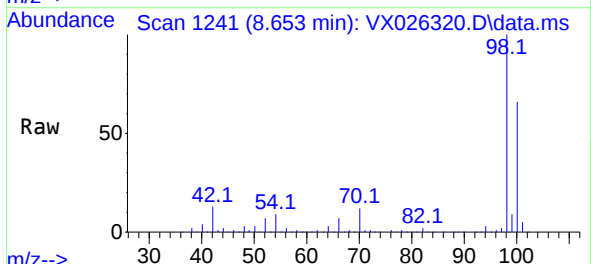
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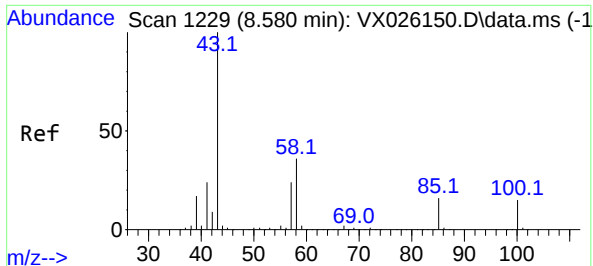
Tgt Ion: 78 Resp: 56018
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8



#50
Toluene-d8
Concen: 48.400 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion: 98 Resp: 289969
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

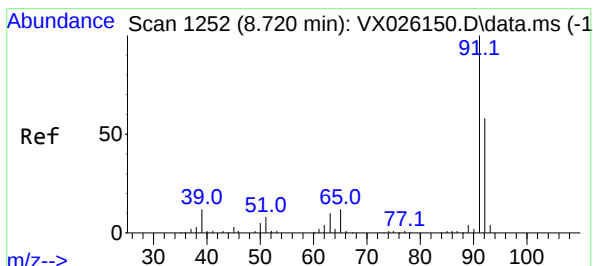
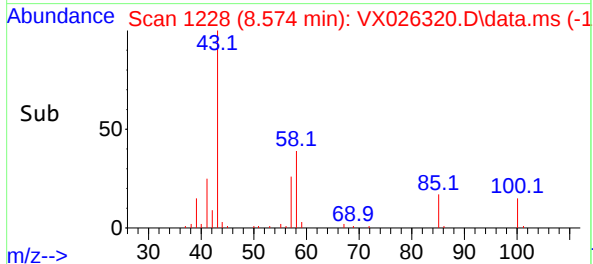
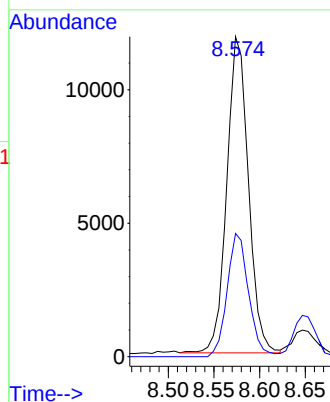
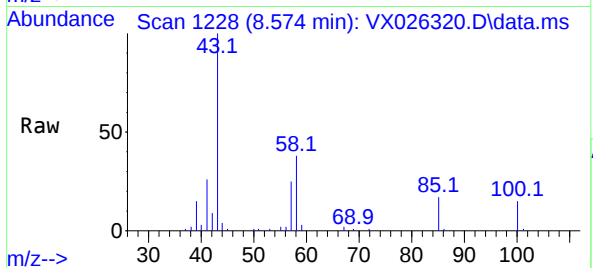




#51
4-Methyl-2-Pentanone
Concen: 6.391 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

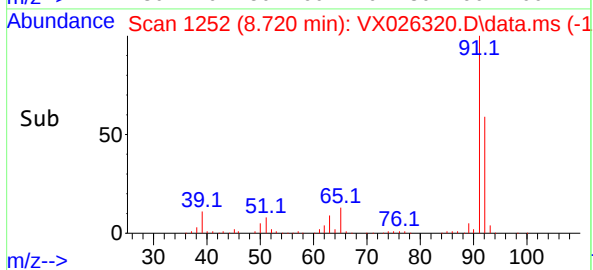
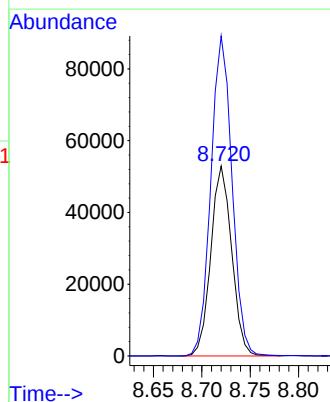
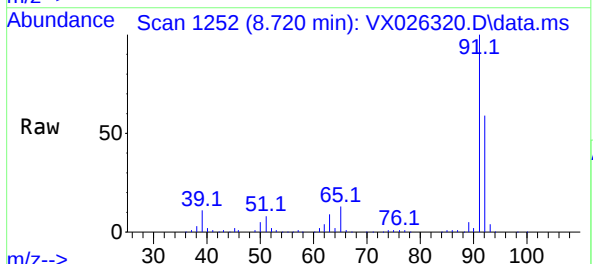
Instrument :
MSVOA_X
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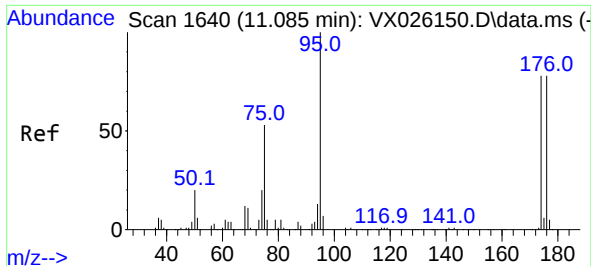
Tgt Ion: 43 Resp: 19524
Ion Ratio Lower Upper
43 100
58 38.4 30.8 46.2



#52
Toluene
Concen: 17.399 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion: 92 Resp: 79418
Ion Ratio Lower Upper
92 100
91 171.2 136.0 204.0

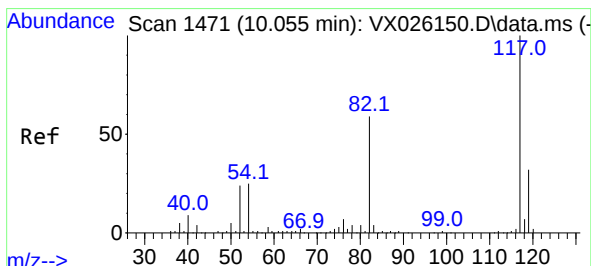
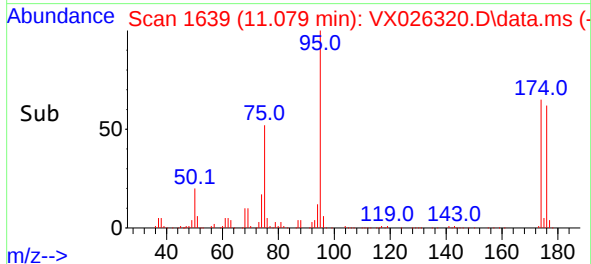
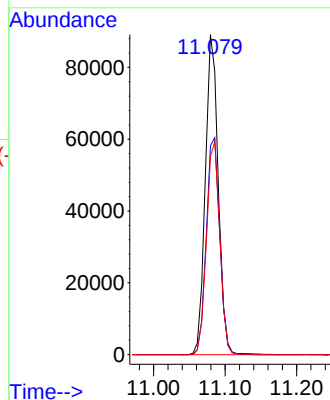
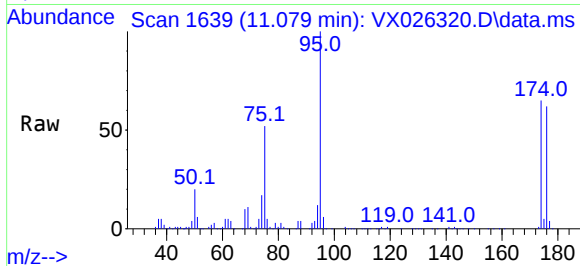




#62
4-Bromofluorobenzene
Concen: 52.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

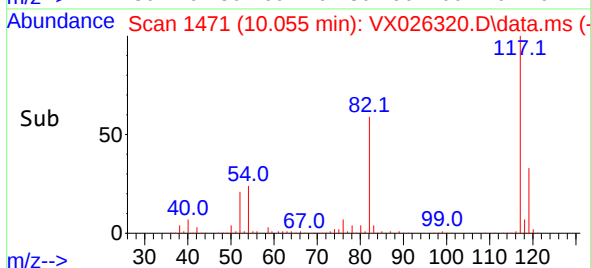
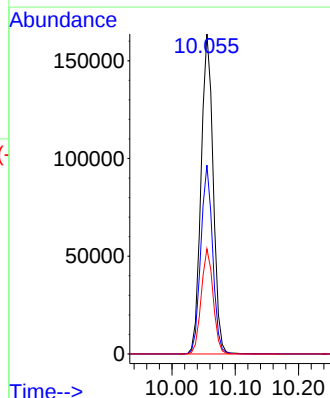
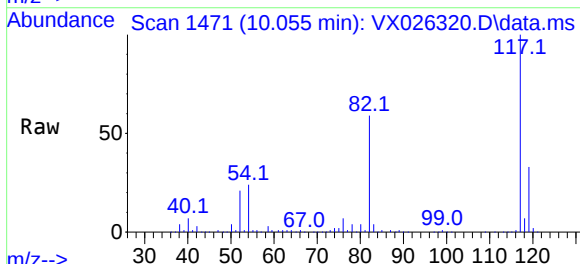
Instrument :
MSVOA_X
ClientSampleId :
40569DL

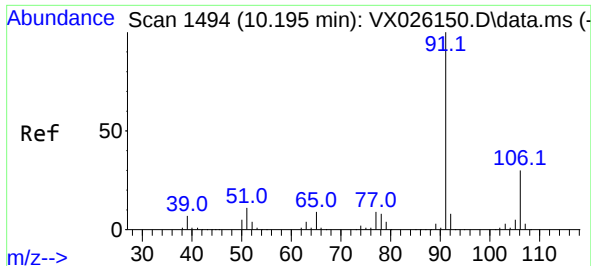
Tgt Ion: 95 Resp: 111888
Ion Ratio Lower Upper
95 100
174 70.7 0.0 157.4
176 68.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion: 117 Resp: 218322
Ion Ratio Lower Upper
117 100
82 59.0 43.8 65.6
119 32.9 25.2 37.8





#67

Ethyl Benzene

Concen: 3.142 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026320.D

Acq: 05 Jan 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

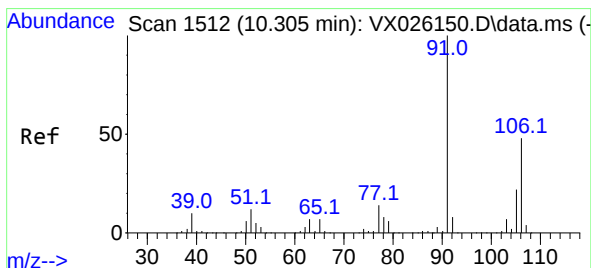
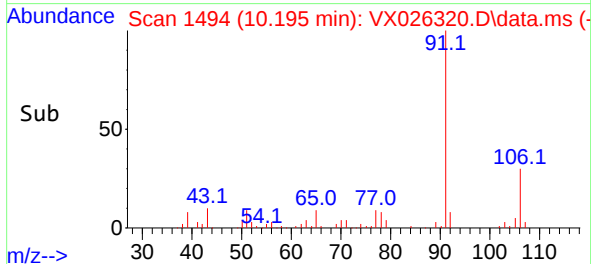
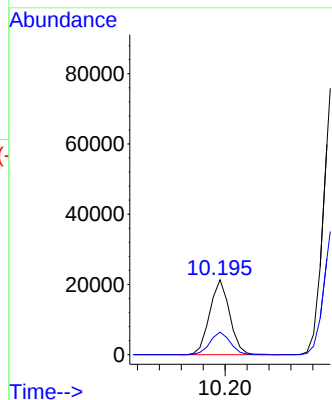
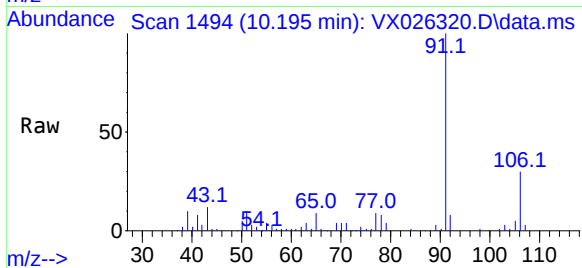
40569DL

Tgt Ion: 91 Resp: 26943

Ion Ratio Lower Upper

91 100

106 30.2 25.7 38.5



#68

m/p-Xylenes

Concen: 17.900 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX026320.D

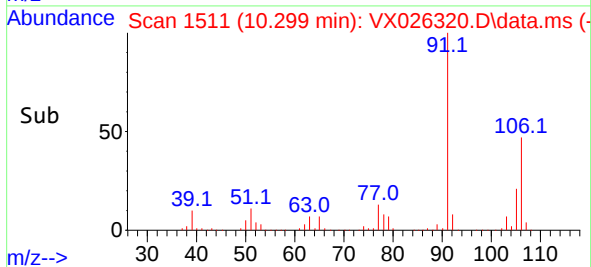
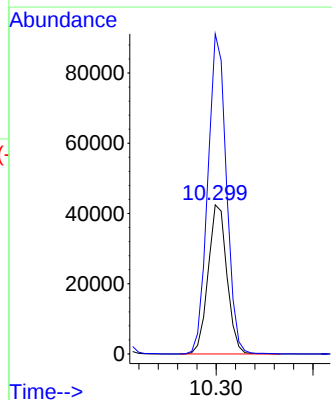
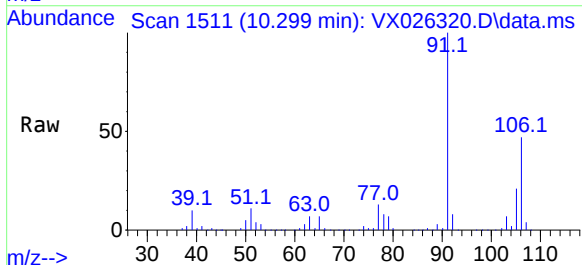
Acq: 05 Jan 2022 14:27

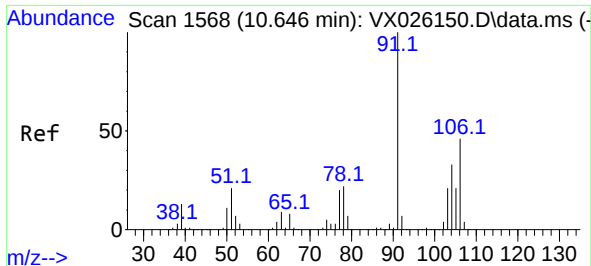
Tgt Ion:106 Resp: 57314

Ion Ratio Lower Upper

106 100

91 212.1 158.6 238.0

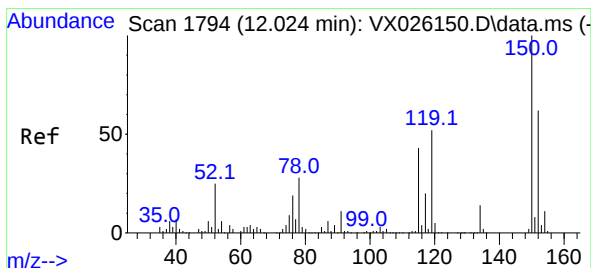
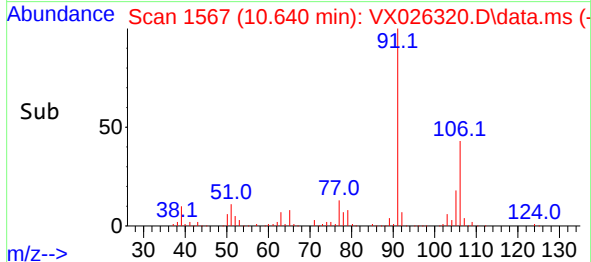
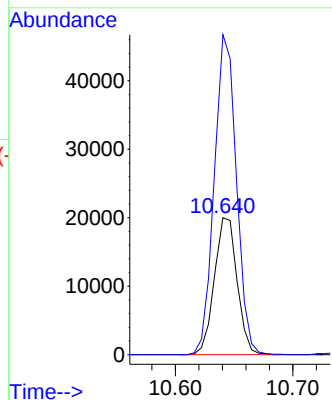
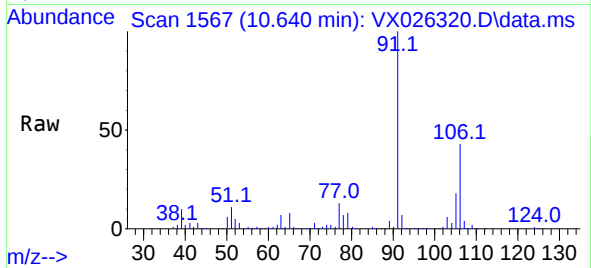




#69
o-Xylene
Concen: 8.581 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

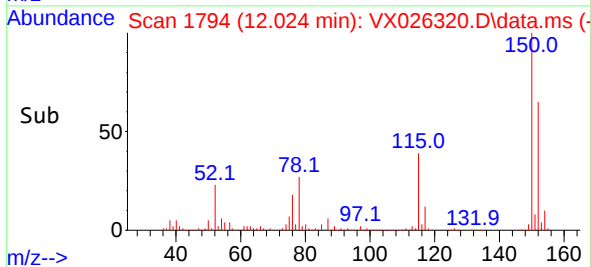
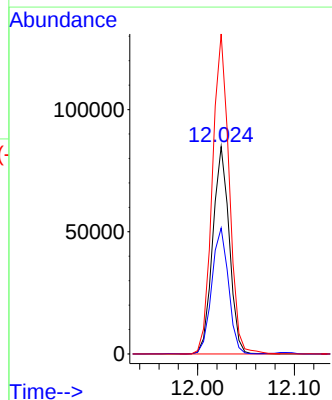
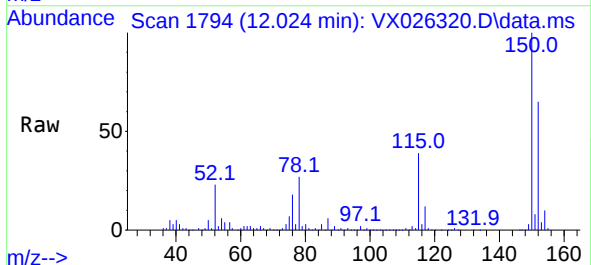
Instrument :
MSVOA_X
ClientSampleId :
40569DL

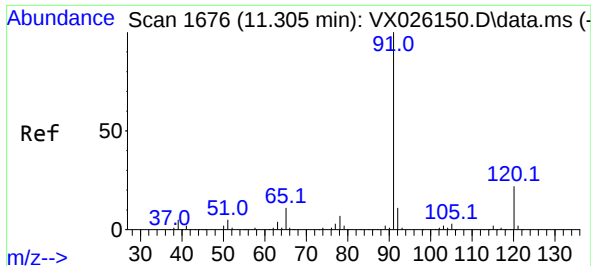
Tgt Ion:106 Resp: 26883
Ion Ratio Lower Upper
106 100
91 227.7 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion:152 Resp: 100476
Ion Ratio Lower Upper
152 100
115 61.5 41.3 123.9
150 156.9 0.0 351.8

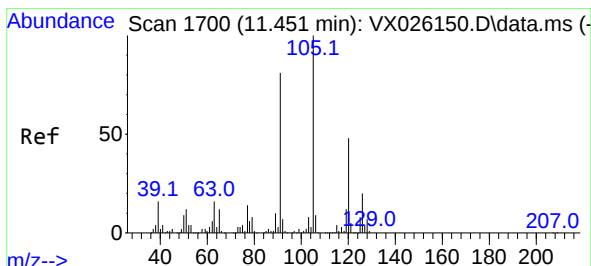
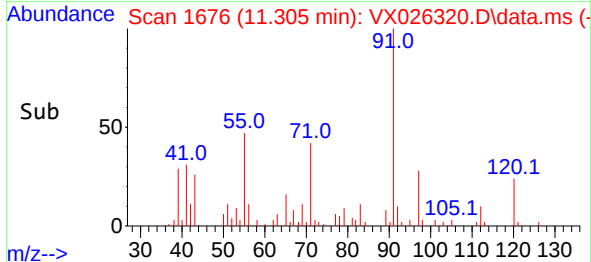
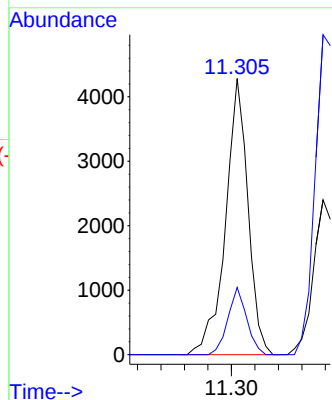
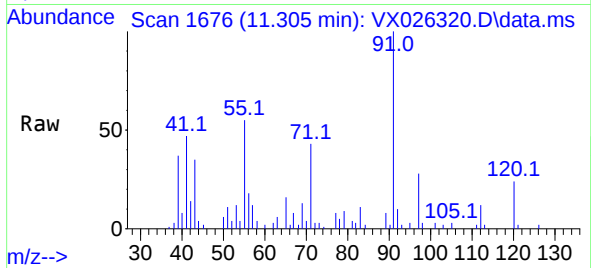




#78
n-propylbenzene
Concen: 0.632 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

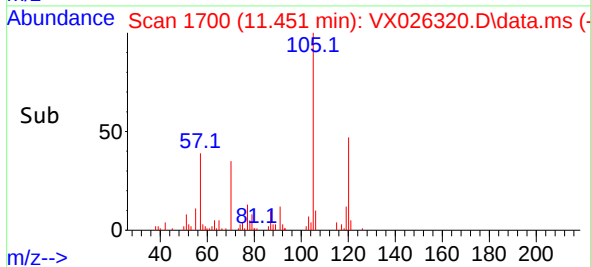
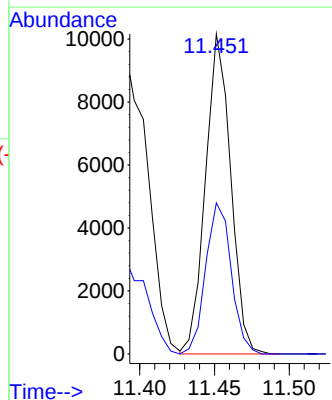
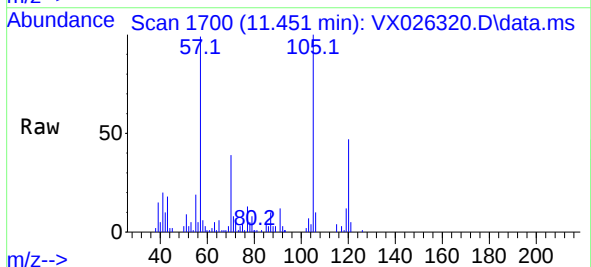
Instrument :
MSVOA_X
ClientSampleId :
40569DL

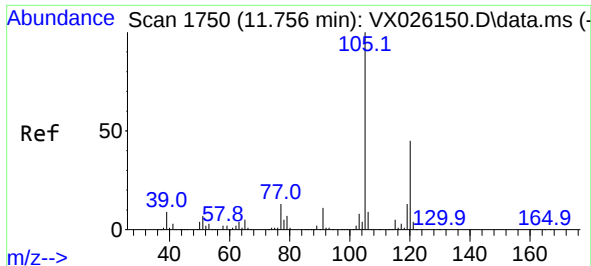
Tgt Ion: 91 Resp: 5678
Ion Ratio Lower Upper
91 100
120 20.4 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 1.841 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026320.D
Acq: 05 Jan 2022 14:27

Tgt Ion: 105 Resp: 11931
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 7.265 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX026320.D
 Acq: 05 Jan 2022 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 40569DL

Tgt Ion:105 Resp: 47049
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.9 68.7

