

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026321.D
 Acq On : 05 Jan 2022 14:51
 Operator : JC/MD
 Sample : M5336-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40563DL

Quant Time: Jan 06 03:09:11 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)

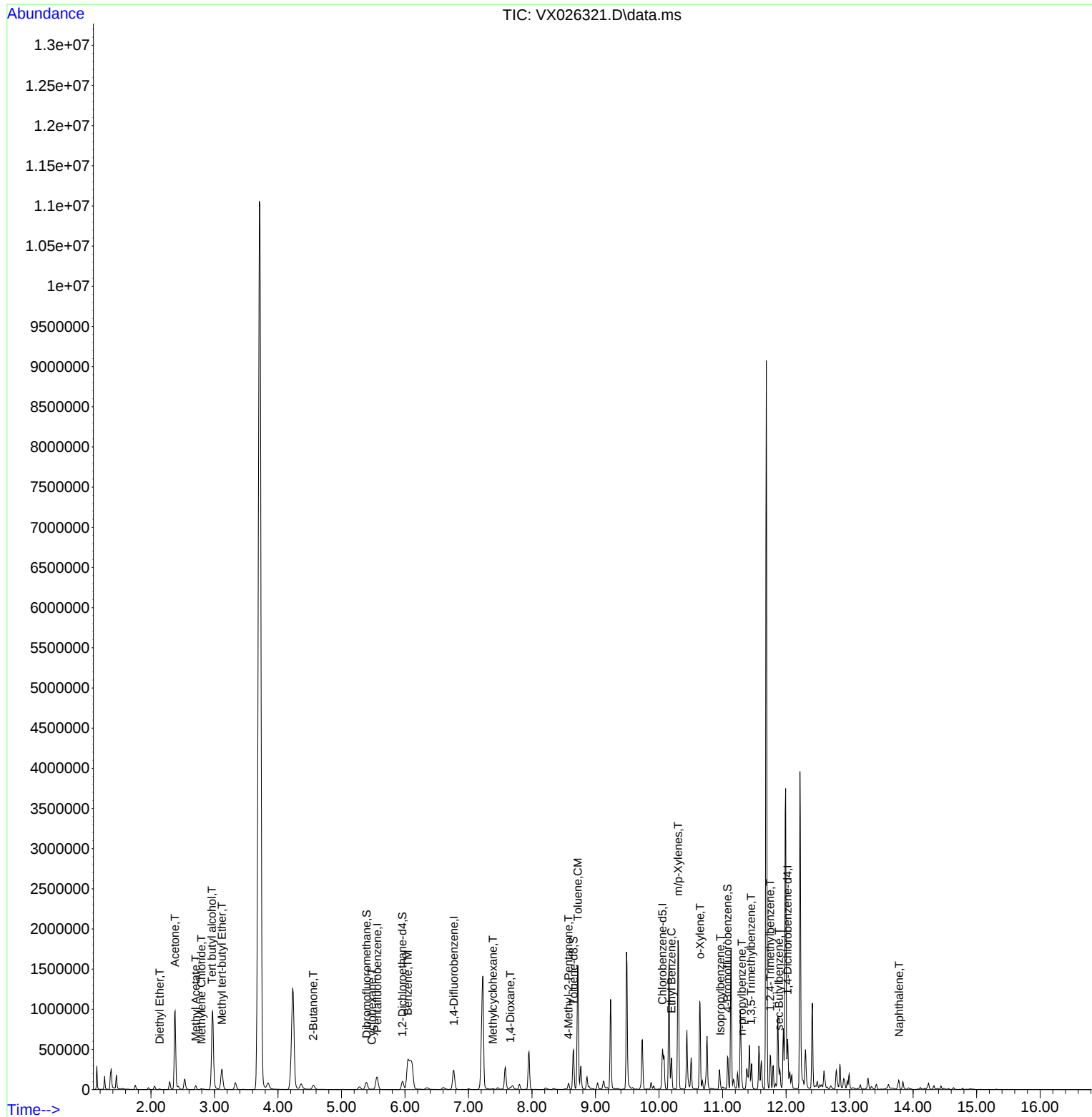
Internal Standards						
1) Pentafluorobenzene	5.562	168	142945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103836	50.211	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.420%		
35) Dibromofluoromethane	5.397	113	78032	49.924	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.840%		
50) Toluene-d8	8.653	98	280351	48.221	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.440%		
62) 4-Bromofluorobenzene	11.079	95	108013	52.189	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.380%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	2694	2.475	ug/l	95
11) Tert butyl alcohol	2.959	59	168432	407.780	ug/l #	83
16) Acetone	2.380	43	1058952	945.097	ug/l	95
18) Methyl Acetate	2.703	43	56324	15.497	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	274121	49.580	ug/l	99
20) Methylene Chloride	2.794	84	3493	1.024	ug/l	97
25) 2-Butanone	4.556	43	89370	57.259	ug/l	96
31) Cyclohexane	5.476	56	3700	1.256	ug/l	85
39) Methylcyclohexane	7.385	83	3366	1.184	ug/l	93
40) Benzene	6.043	78	400206	55.623	ug/l	98
49) 1,4-Dioxane	7.659	88	14450	343.191	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	50155	16.918	ug/l	96
52) Toluene	8.720	92	557710	125.912	ug/l	99
67) Ethyl Benzene	10.195	91	207663	25.049	ug/l	97
68) m/p-Xylenes	10.299	106	426852	137.896	ug/l	94
69) o-Xylene	10.646	106	226911	74.920	ug/l	93
73) Isopropylbenzene	10.963	105	19418	2.491	ug/l	99
78) n-propylbenzene	11.305	91	40286	4.495	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	49858	7.708	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	177998	27.541	ug/l	96
85) sec-Butylbenzene	11.890	105	5446	0.695	ug/l	92
95) Naphthalene	13.780	128	60358	7.788	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

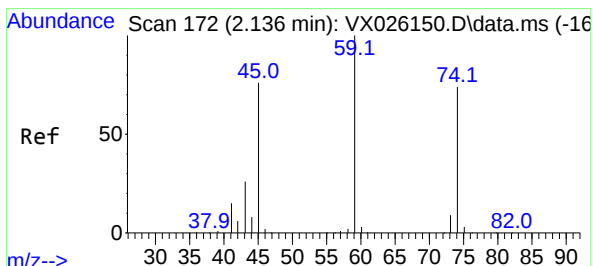
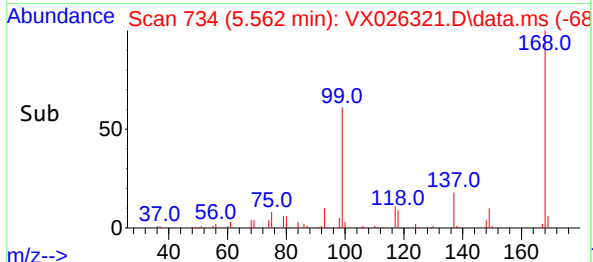
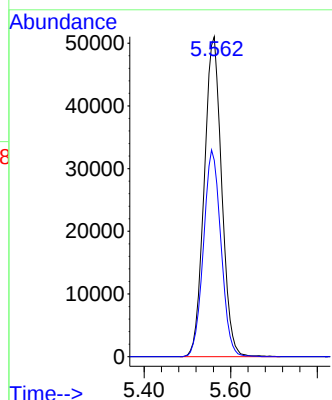
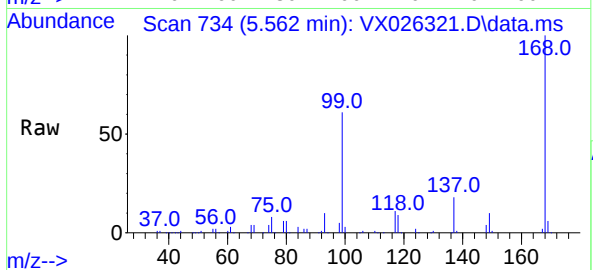




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

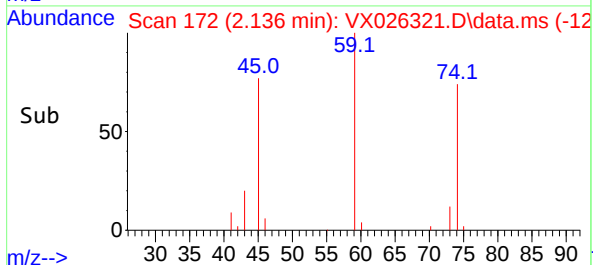
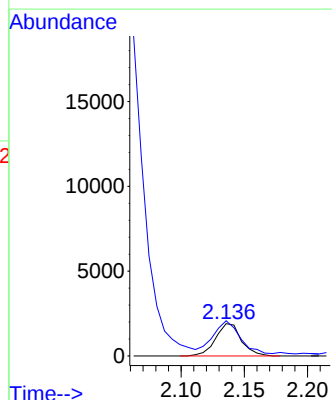
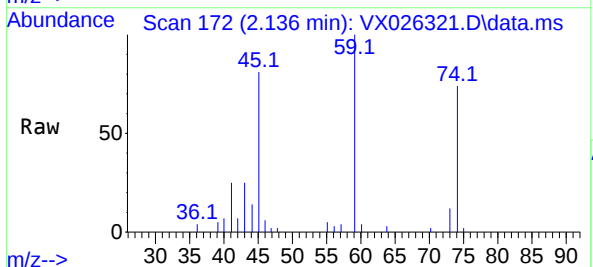
Instrument :
MSVOA_X
ClientSampleId :
40563DL

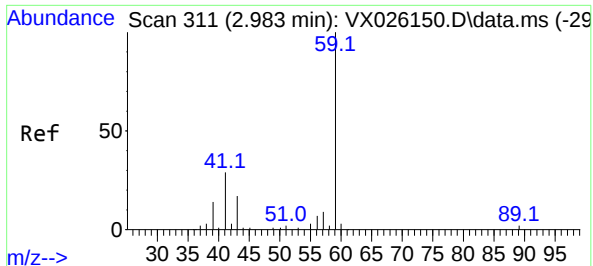
Tgt Ion:168 Resp: 142945
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.8



#8
Diethyl Ether
Concen: 2.475 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 74 Resp: 2694
Ion Ratio Lower Upper
74 100
45 105.4 50.4 151.2

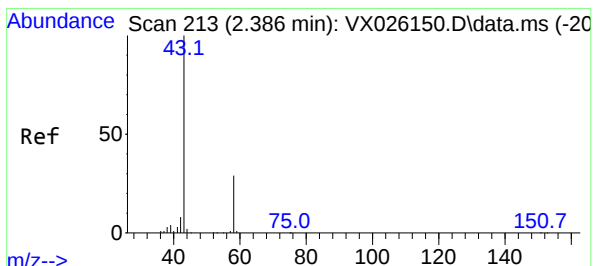
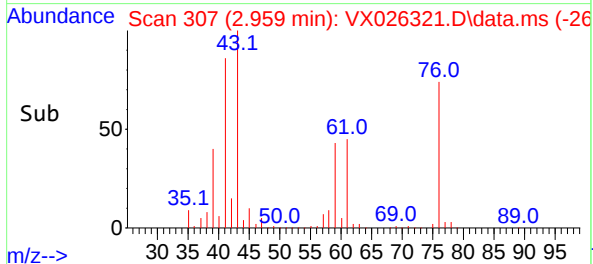
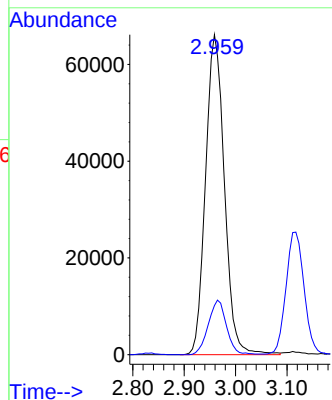
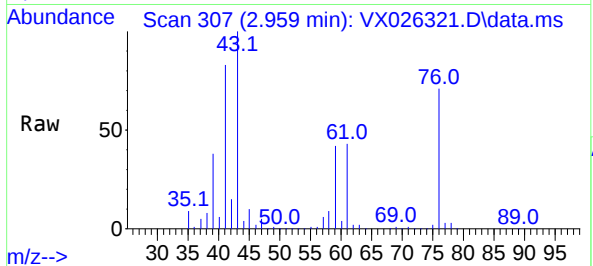




#11
Tert butyl alcohol
Concen: 407.780 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

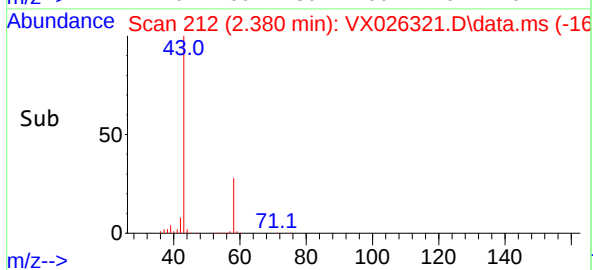
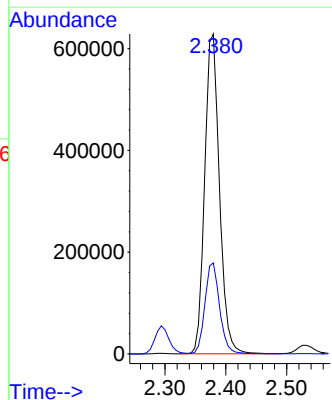
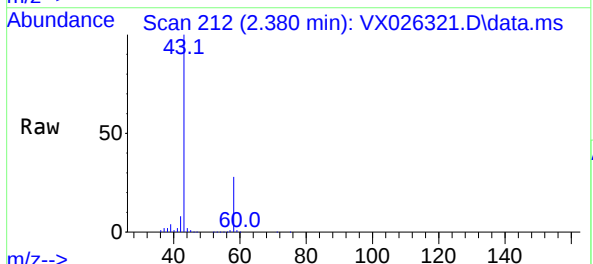
Instrument :
MSVOA_X
ClientSampleId :
40563DL

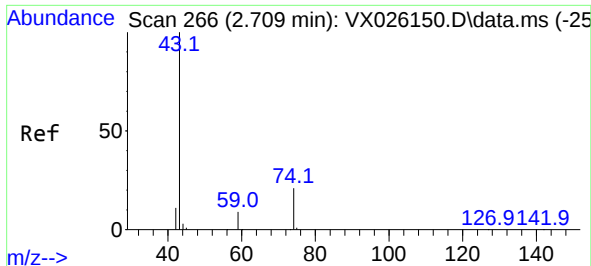
Tgt Ion: 59 Resp: 168432
Ion Ratio Lower Upper
59 100
57 16.5 8.2 12.2#



#16
Acetone
Concen: 945.097 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 43 Resp: 1058952
Ion Ratio Lower Upper
43 100
58 28.4 24.8 37.2

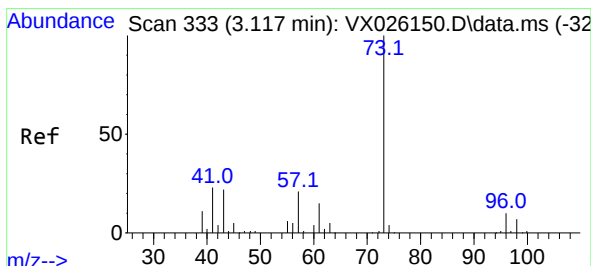
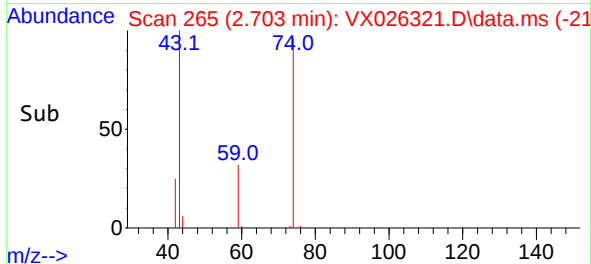
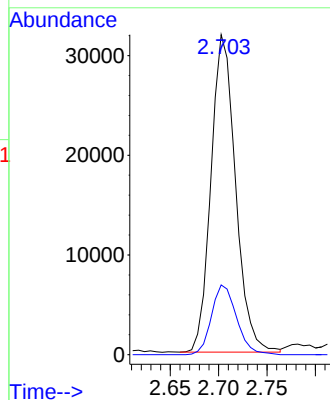
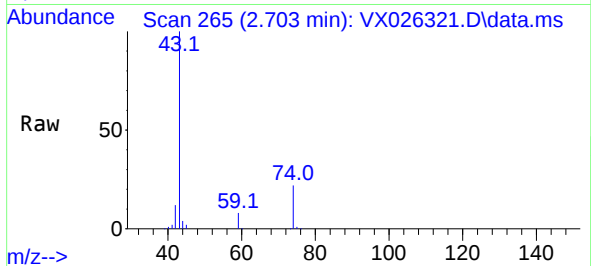




#18
Methyl Acetate
Concen: 15.497 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

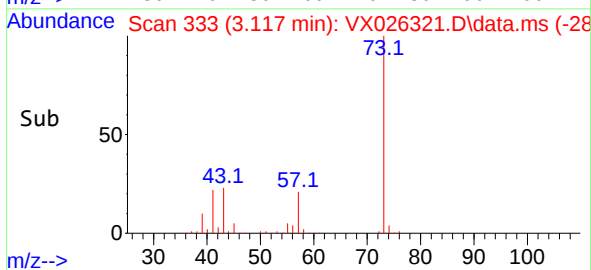
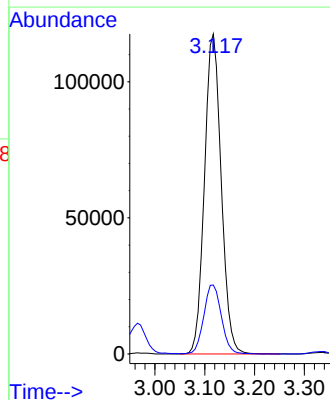
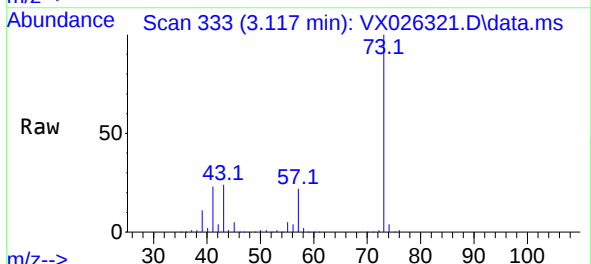
Instrument :
MSVOA_X
ClientSampleId :
40563DL

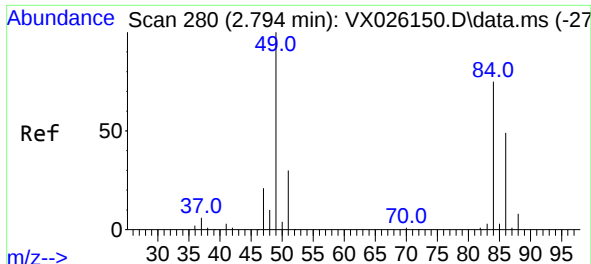
Tgt Ion: 43 Resp: 56324
Ion Ratio Lower Upper
43 100
74 22.4 19.1 28.7



#19
Methyl tert-butyl Ether
Concen: 49.580 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 73 Resp: 274121
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



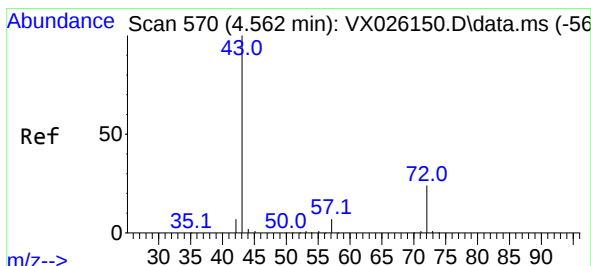
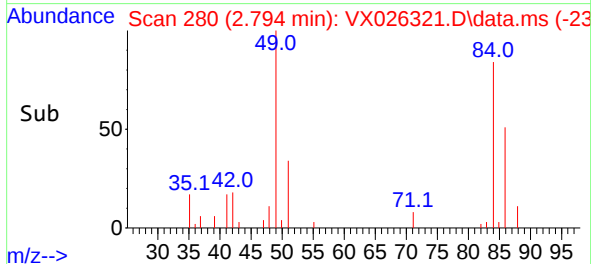
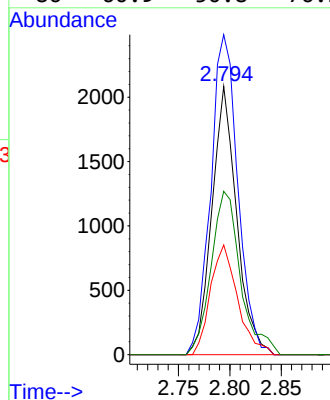
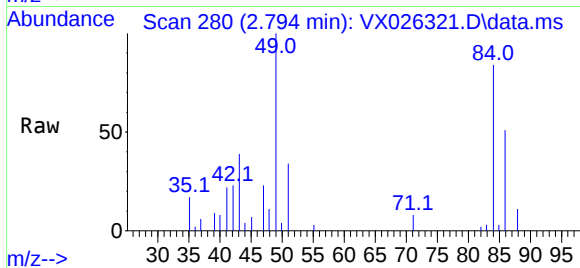


#20
Methylene Chloride
Concen: 1.024 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
40563DL

Tgt Ion: 84 Resp: 3493

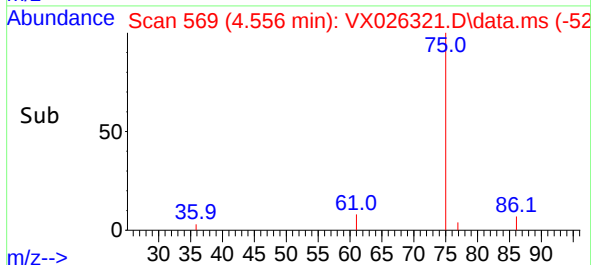
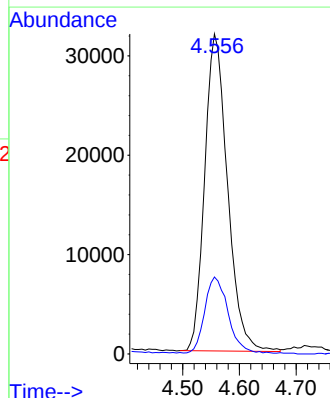
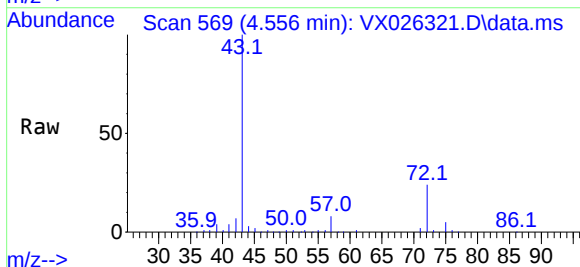
Ion	Ratio	Lower	Upper
84	100		
49	119.2	97.1	145.7
51	40.9	29.3	43.9
86	60.9	50.8	76.2

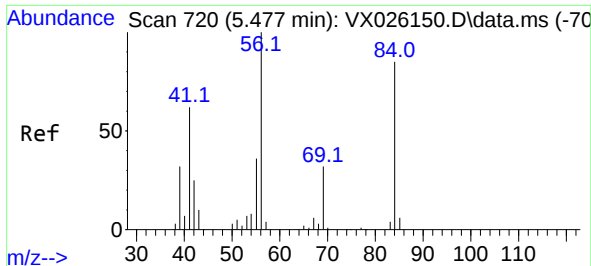


#25
2-Butanone
Concen: 57.259 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 43 Resp: 89370

Ion	Ratio	Lower	Upper
43	100		
72	23.9	21.0	31.4

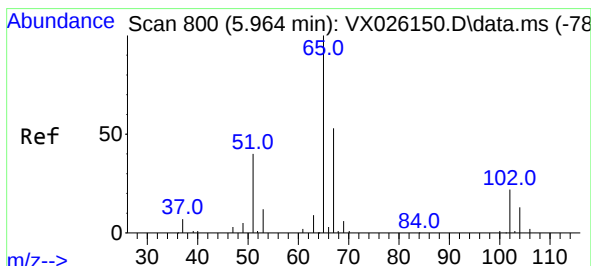
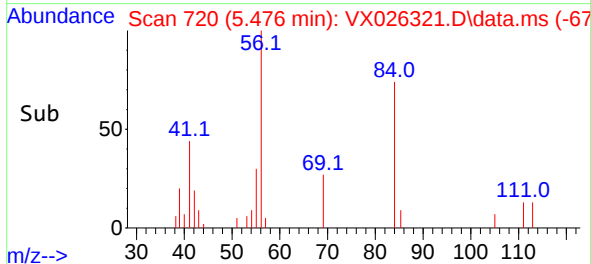
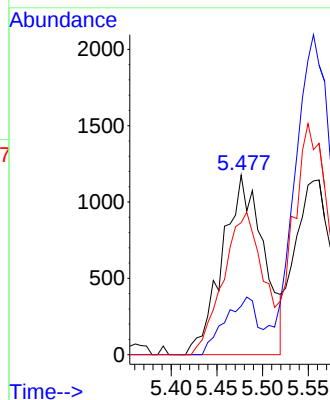
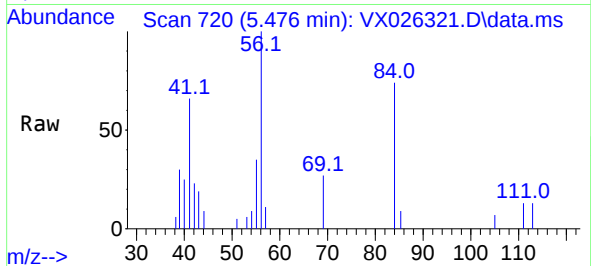




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

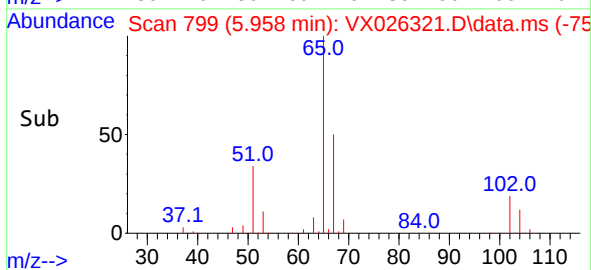
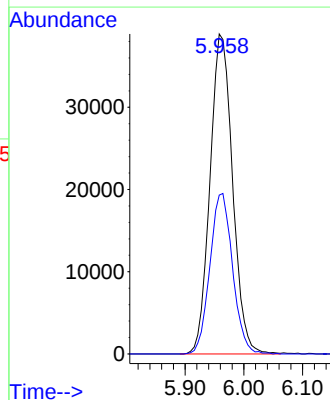
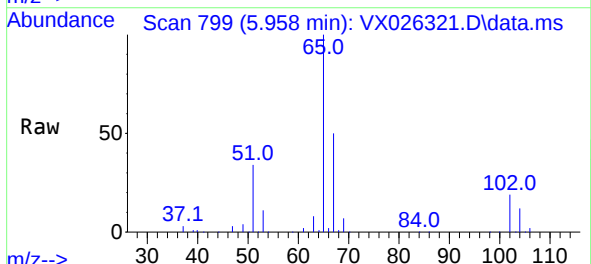
Instrument :
MSVOA_X
ClientSampleId :
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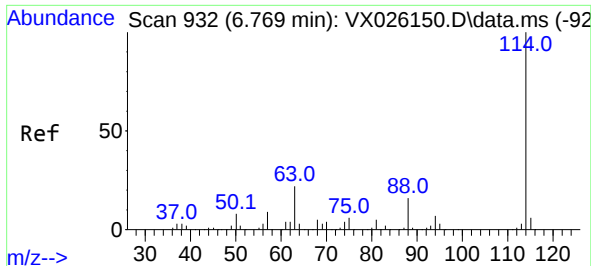
Tgt Ion: 56 Resp: 3700
Ion Ratio Lower Upper
56 100
69 27.1 23.9 35.9
84 73.6 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 50.211 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 65 Resp: 103836
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4

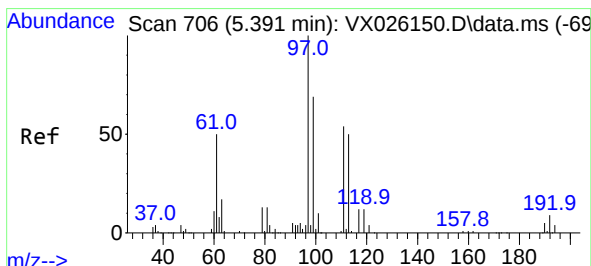
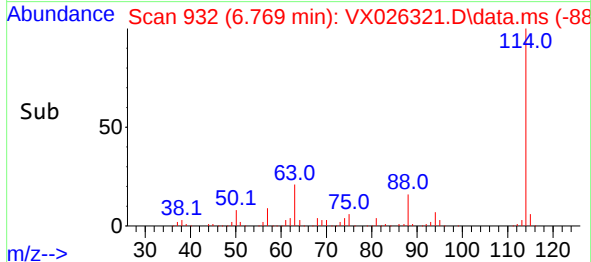
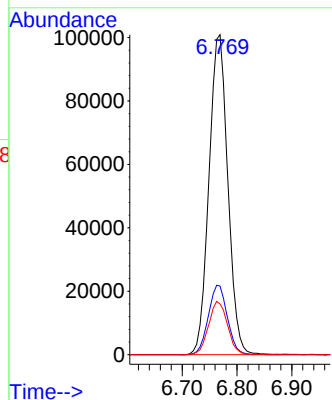
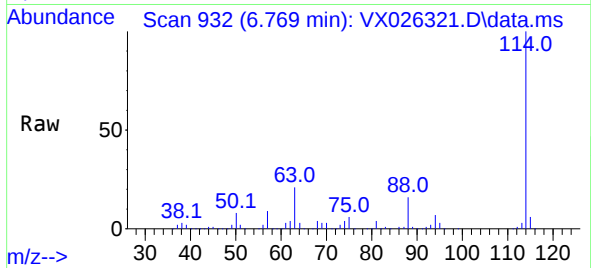




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

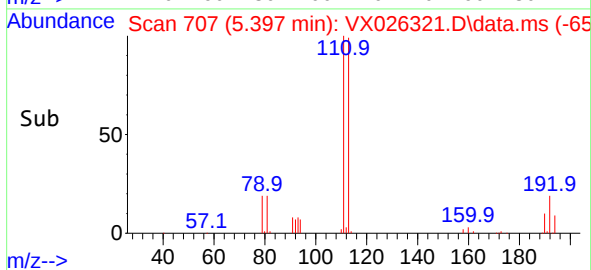
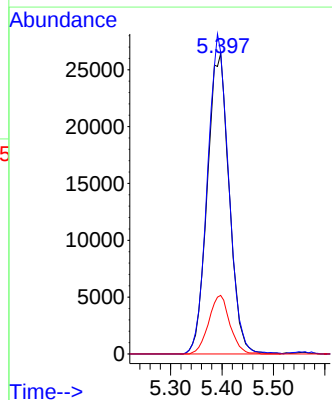
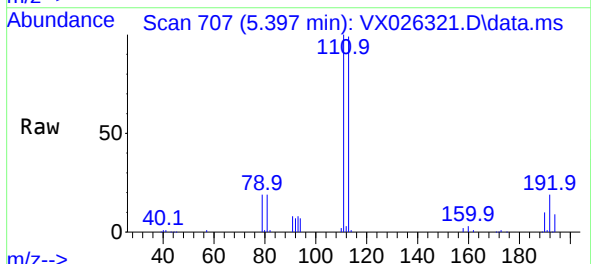
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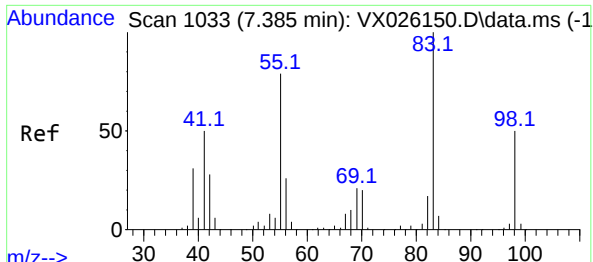
Tgt Ion:114 Resp: 240416
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.924 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion:113 Resp: 78032
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 18.9 15.0 22.4





#39

Methylcyclohexane

Concen: 1.184 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026321.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

40563DL

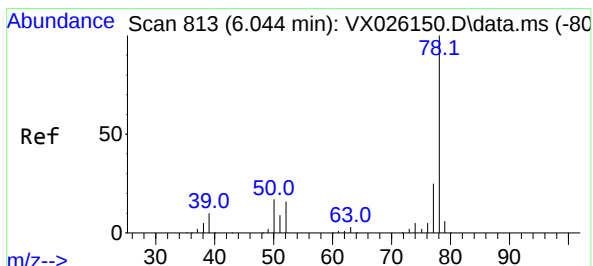
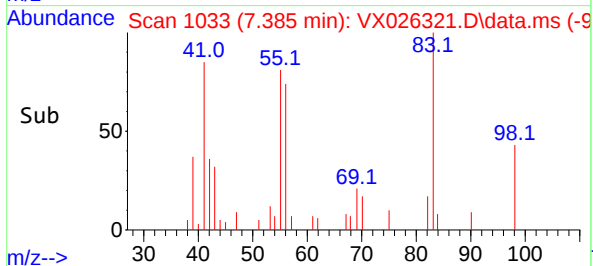
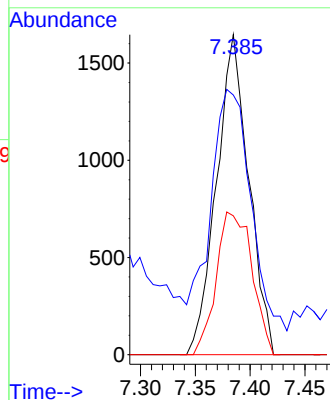
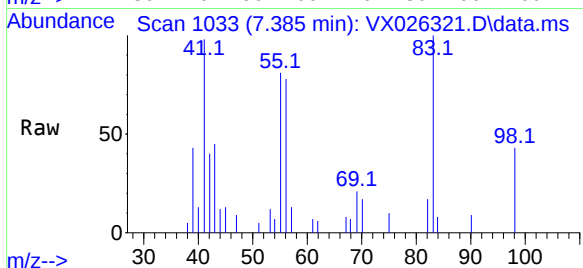
Tgt Ion: 83 Resp: 3366

Ion Ratio Lower Upper

83 100

55 69.1 57.8 86.8

98 43.4 40.5 60.7



#40

Benzene

Concen: 55.623 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX026321.D

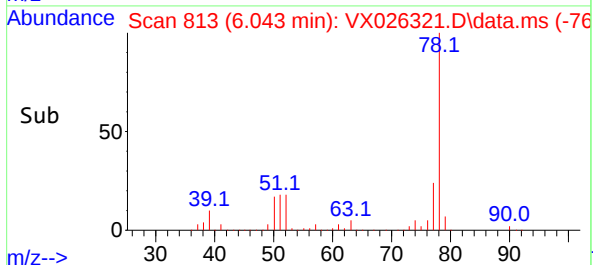
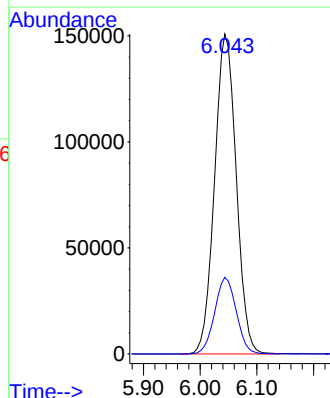
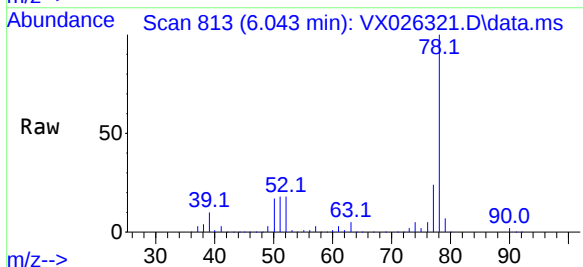
Acq: 05 Jan 2022 14:51

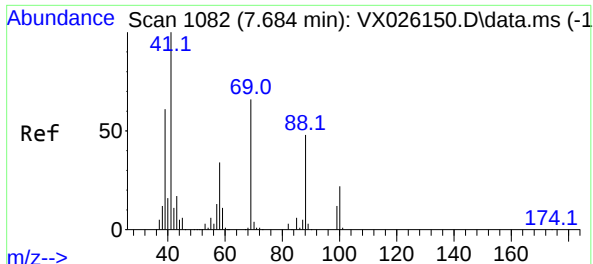
Tgt Ion: 78 Resp: 400206

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8

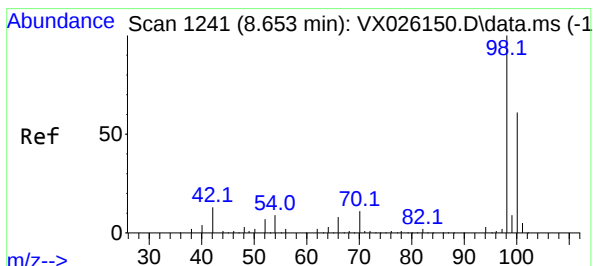
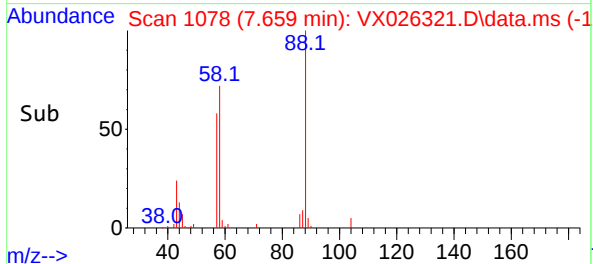
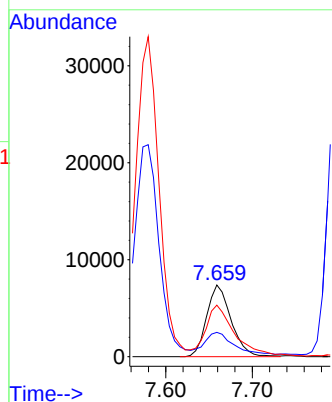
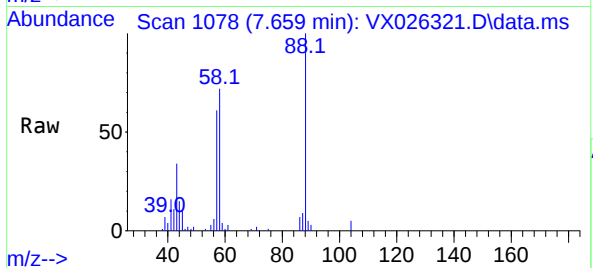




#49
1,4-Dioxane
Concen: 343.191 ug/l
RT: 7.659 min Scan# 1082
Delta R.T. -0.025 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

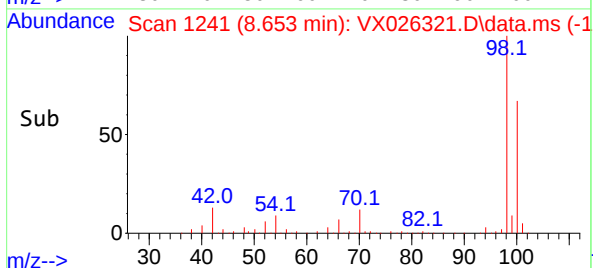
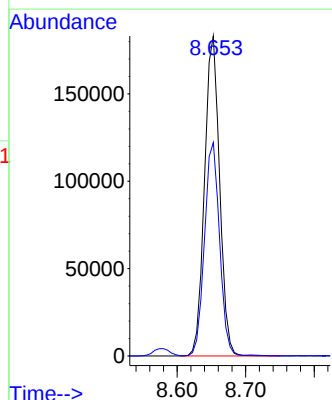
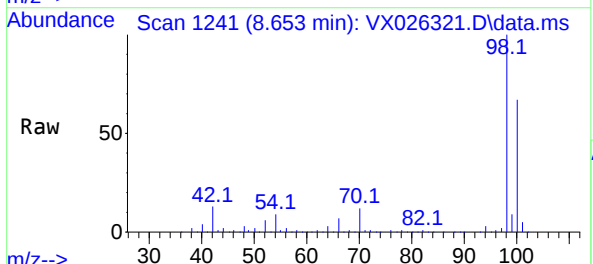
Instrument :
MSVOA_X
ClientSampleId :
40563DL

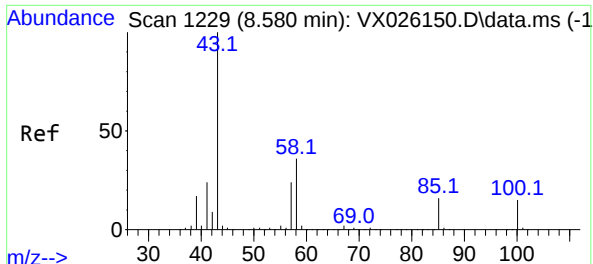
Tgt Ion: 88 Resp: 14450
Ion Ratio Lower Upper
88 100
43 37.0 25.3 37.9
58 83.9 51.8 77.6#



#50
Toluene-d8
Concen: 48.221 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 98 Resp: 280351
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 16.918 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.007 min

Lab File: VX026321.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

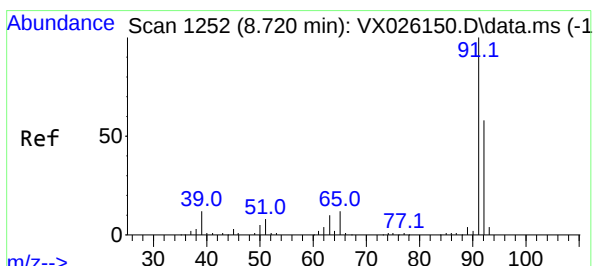
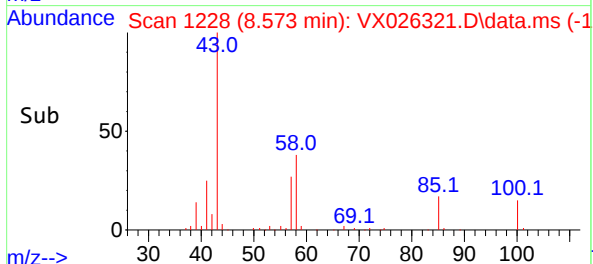
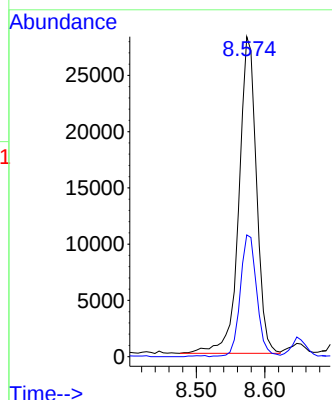
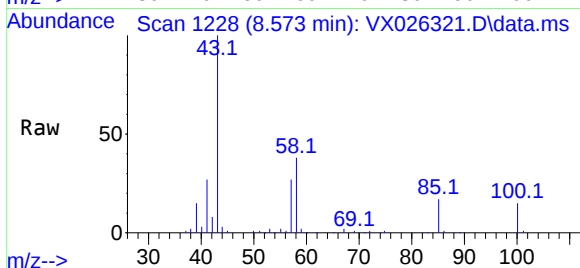
40563DL

Tgt Ion: 43 Resp: 50155

Ion Ratio Lower Upper

43 100

58 36.3 30.8 46.2



#52

Toluene

Concen: 125.912 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026321.D

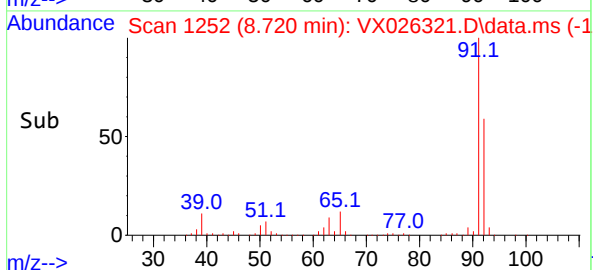
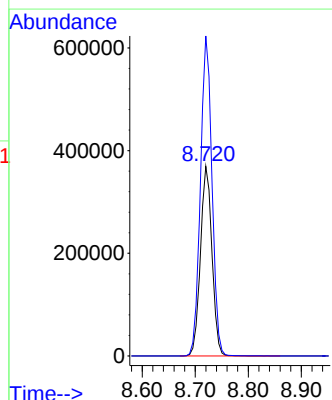
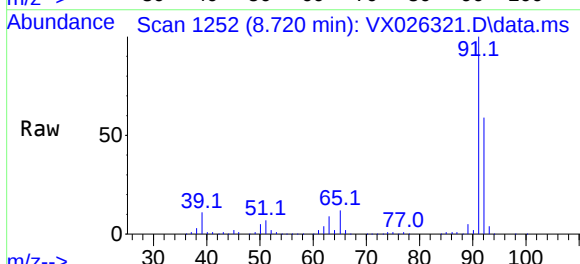
Acq: 05 Jan 2022 14:51

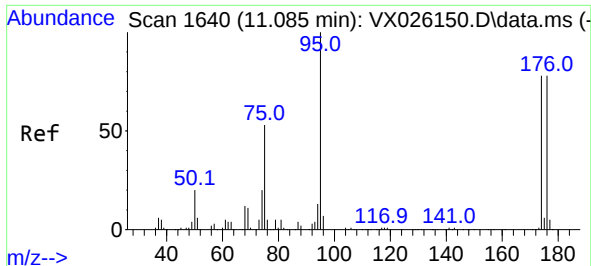
Tgt Ion: 92 Resp: 557710

Ion Ratio Lower Upper

92 100

91 169.0 136.0 204.0

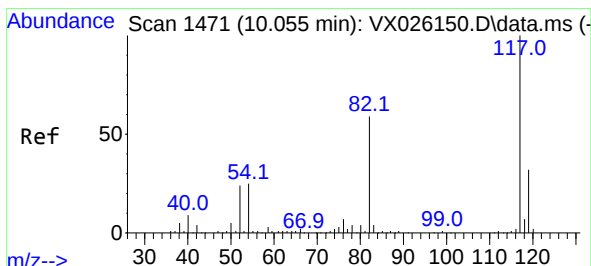
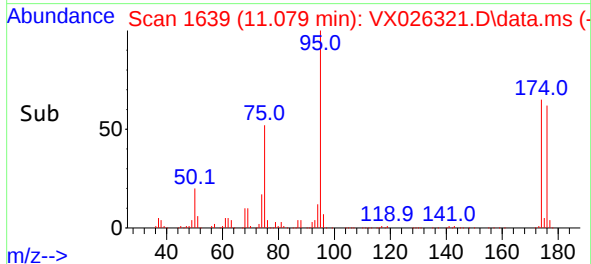
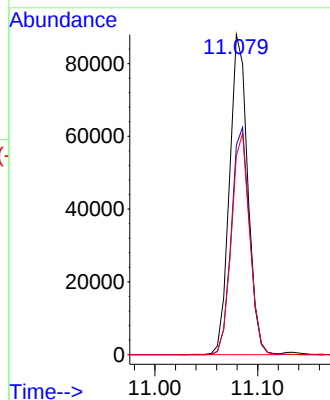
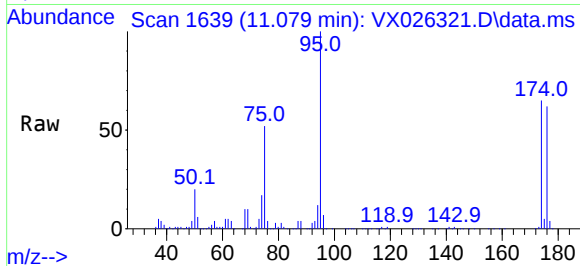




#62
4-Bromofluorobenzene
Concen: 52.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

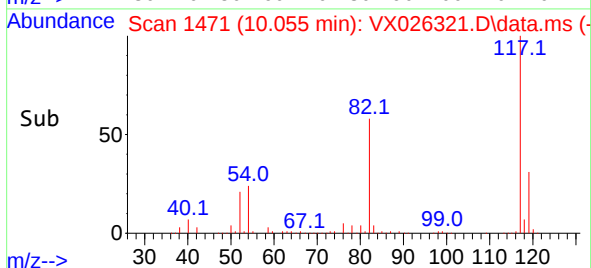
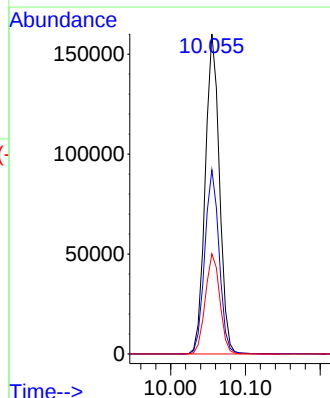
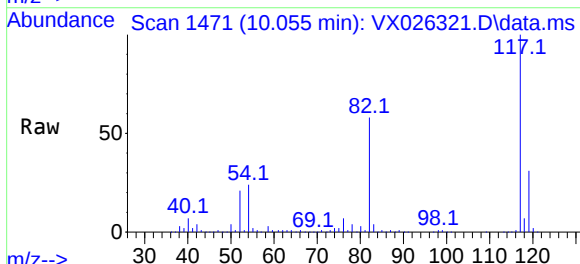
Instrument :
MSVOA_X
ClientSampleId :
40563DL

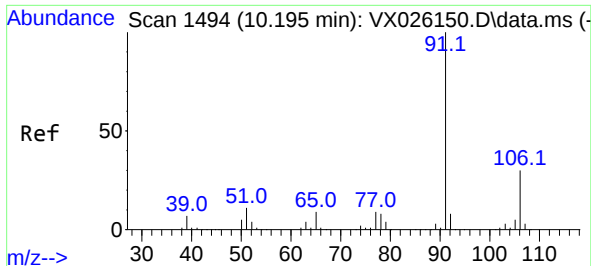
Tgt Ion: 95 Resp: 108013
Ion Ratio Lower Upper
95 100
174 71.7 0.0 157.4
176 69.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 117 Resp: 211061
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.6
119 31.3 25.2 37.8





#67

Ethyl Benzene

Concen: 25.049 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026321.D

Acq: 05 Jan 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

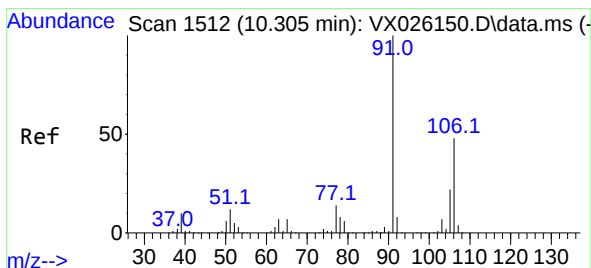
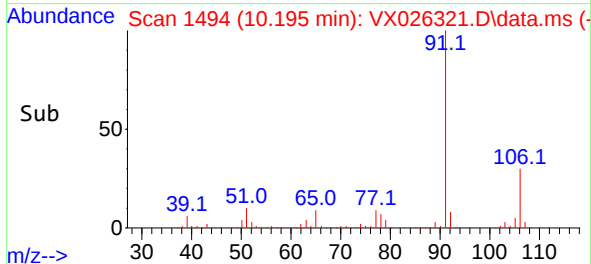
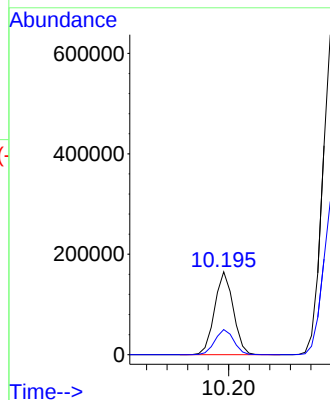
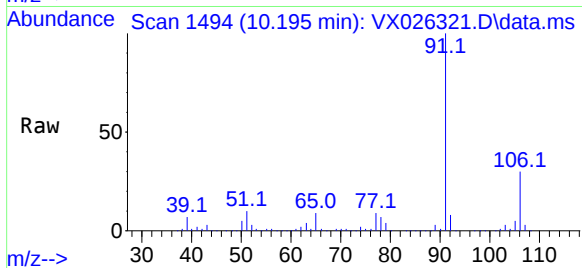
40563DL

Tgt Ion: 91 Resp: 207663

Ion Ratio Lower Upper

91 100

106 30.3 25.7 38.5



#68

m/p-Xylenes

Concen: 137.896 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX026321.D

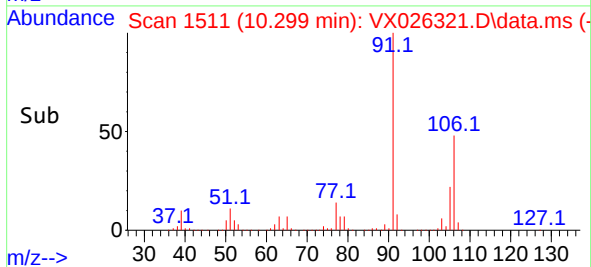
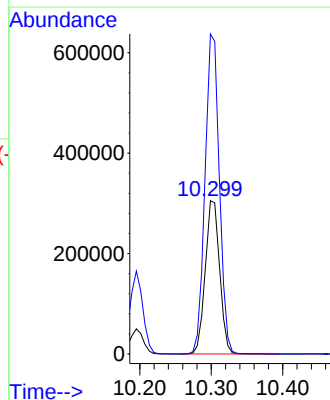
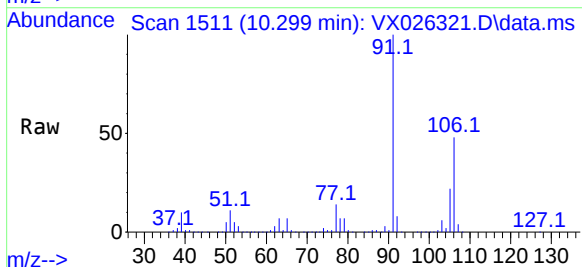
Acq: 05 Jan 2022 14:51

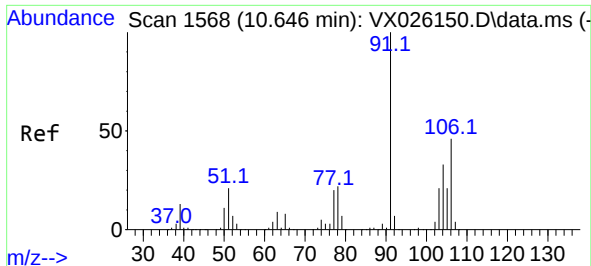
Tgt Ion:106 Resp: 426852

Ion Ratio Lower Upper

106 100

91 208.0 158.6 238.0

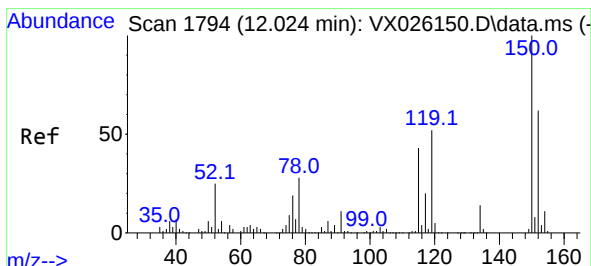
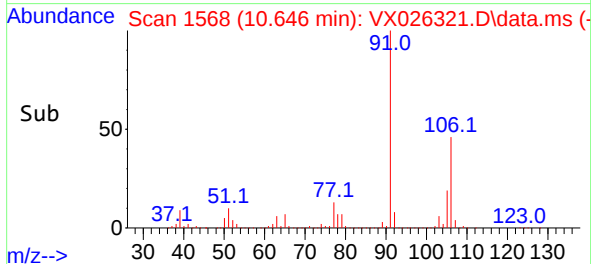
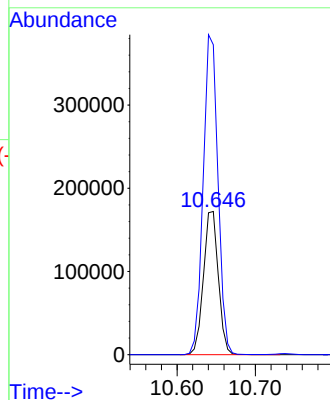
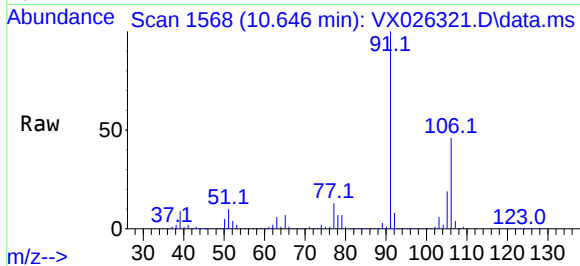




#69
o-Xylene
Concen: 74.920 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

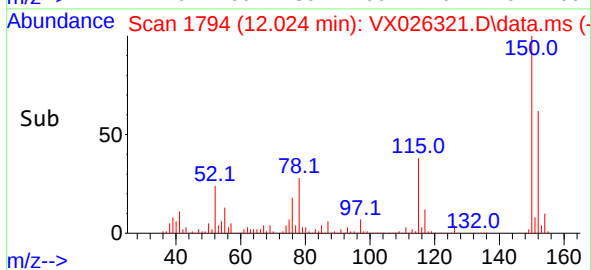
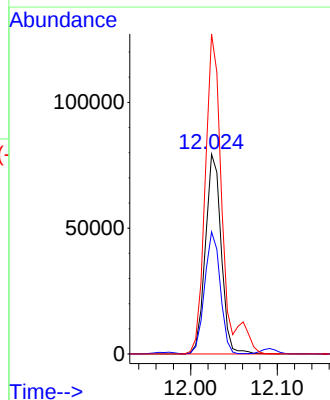
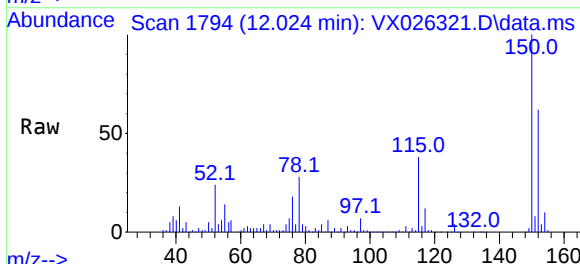
Instrument :
MSVOA_X
ClientSampleId :
40563DL

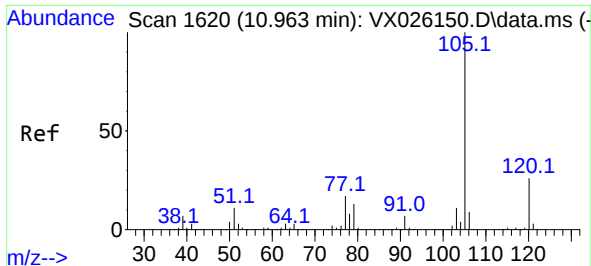
Tgt Ion:106 Resp: 226911
Ion Ratio Lower Upper
106 100
91 221.8 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion:152 Resp: 100273
Ion Ratio Lower Upper
152 100
115 60.2 41.3 123.9
150 172.1 0.0 351.8

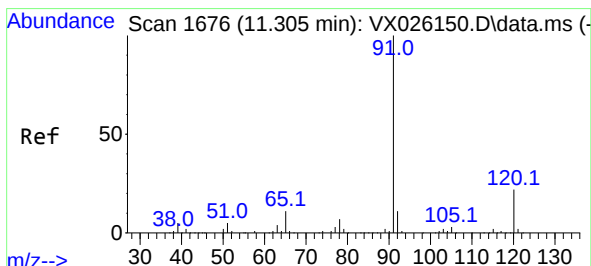
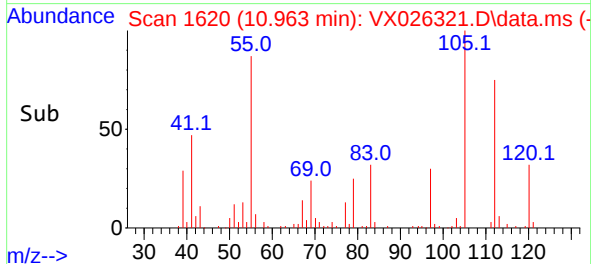
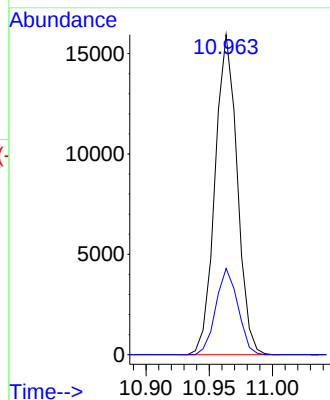
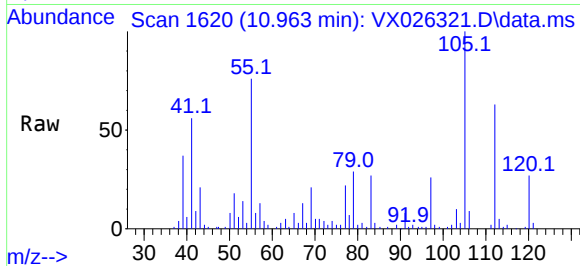




#73
Isopropylbenzene
Concen: 2.491 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

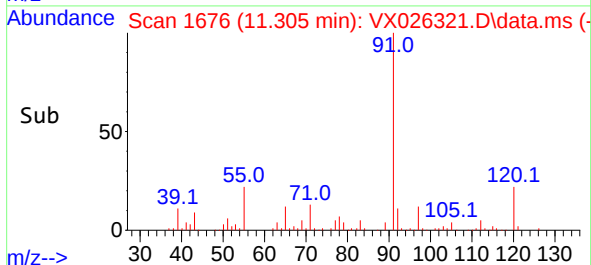
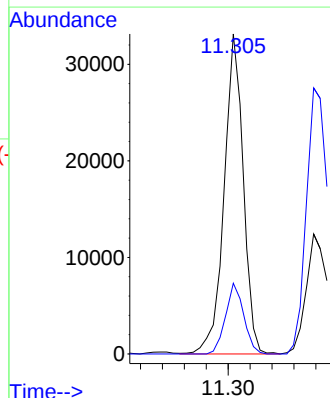
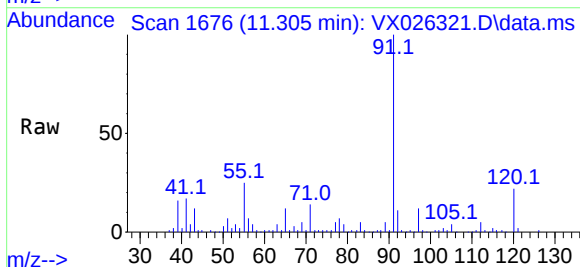
Instrument :
MSVOA_X
ClientSampleId :
40563DL

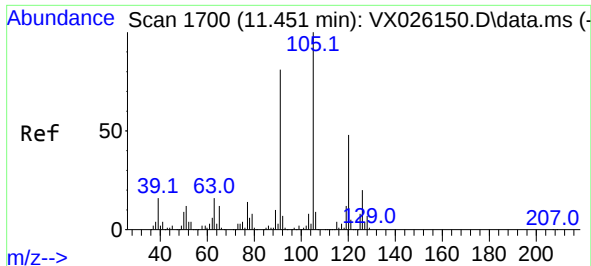
Tgt Ion:105 Resp: 19418
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#78
n-propylbenzene
Concen: 4.495 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion: 91 Resp: 40286
Ion Ratio Lower Upper
91 100
120 20.9 12.0 36.1

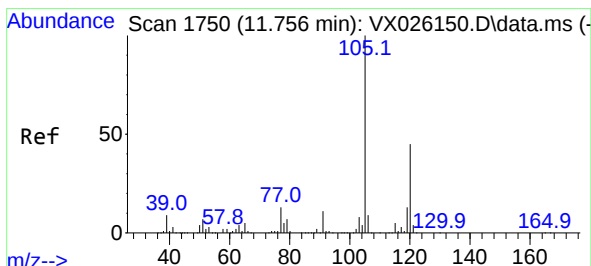
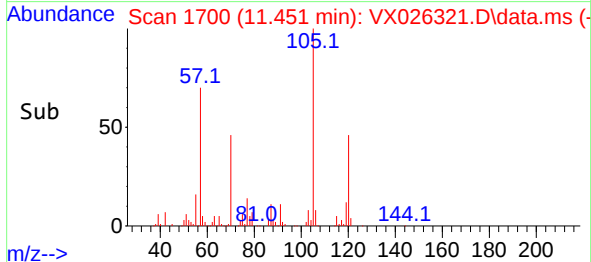
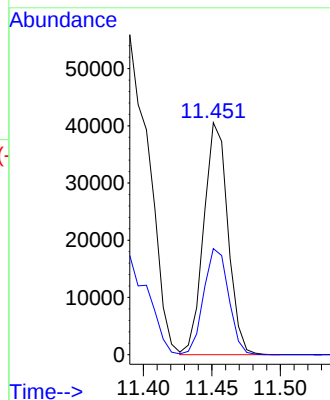
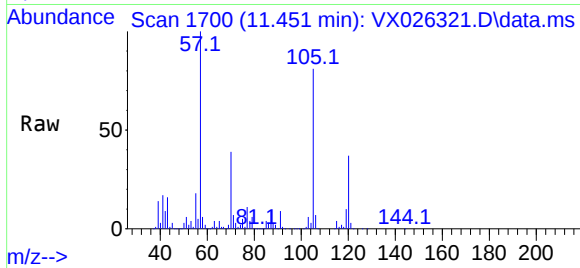




#80
1,3,5-Trimethylbenzene
Concen: 7.708 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

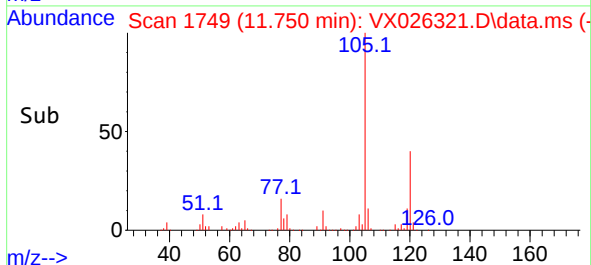
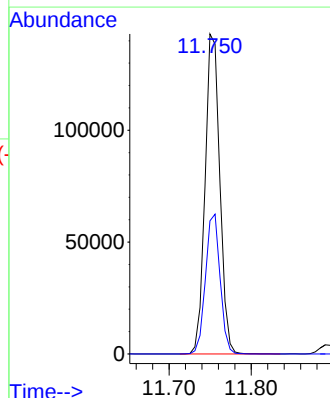
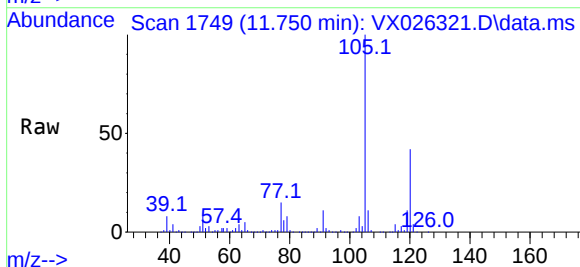
Instrument :
MSVOA_X
ClientSampleId :
40563DL

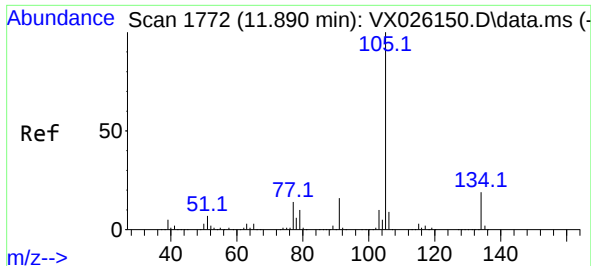
Tgt Ion:105 Resp: 49858
Ion Ratio Lower Upper
105 100
120 46.9 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 27.541 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX026321.D
Acq: 05 Jan 2022 14:51

Tgt Ion:105 Resp: 177998
Ion Ratio Lower Upper
105 100
120 43.3 22.9 68.7

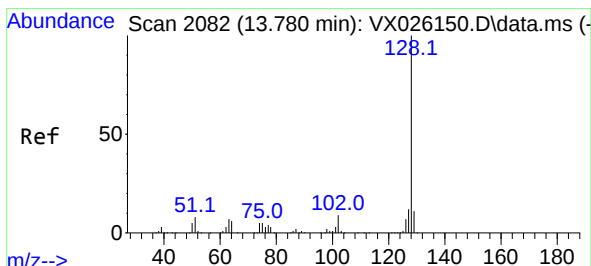
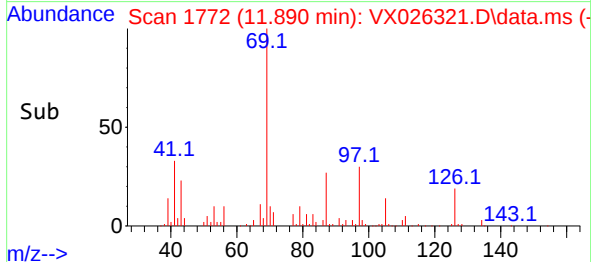
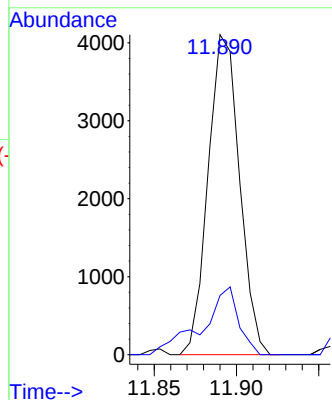
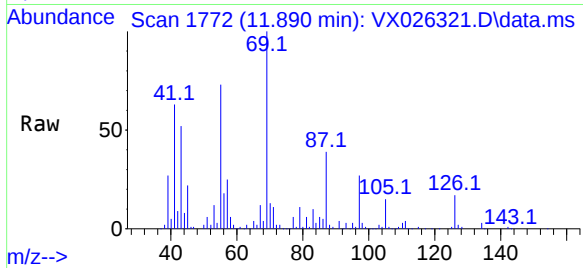




#85
 sec-Butylbenzene
 Concen: 0.695 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026321.D
 Acq: 05 Jan 2022 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 40563DL

Tgt Ion:105 Resp: 5446
 Ion Ratio Lower Upper
 105 100
 134 24.6 10.4 31.1



#95
 Naphthalene
 Concen: 7.788 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX026321.D
 Acq: 05 Jan 2022 14:51

Tgt Ion:128 Resp: 60358
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 11.1 8.8 13.2

