

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026328.D
 Acq On : 05 Jan 2022 17:33
 Operator : JC/MD
 Sample : N1005-05DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HYAT-SBDL

Quant Time: Jan 06 03:10:44 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)

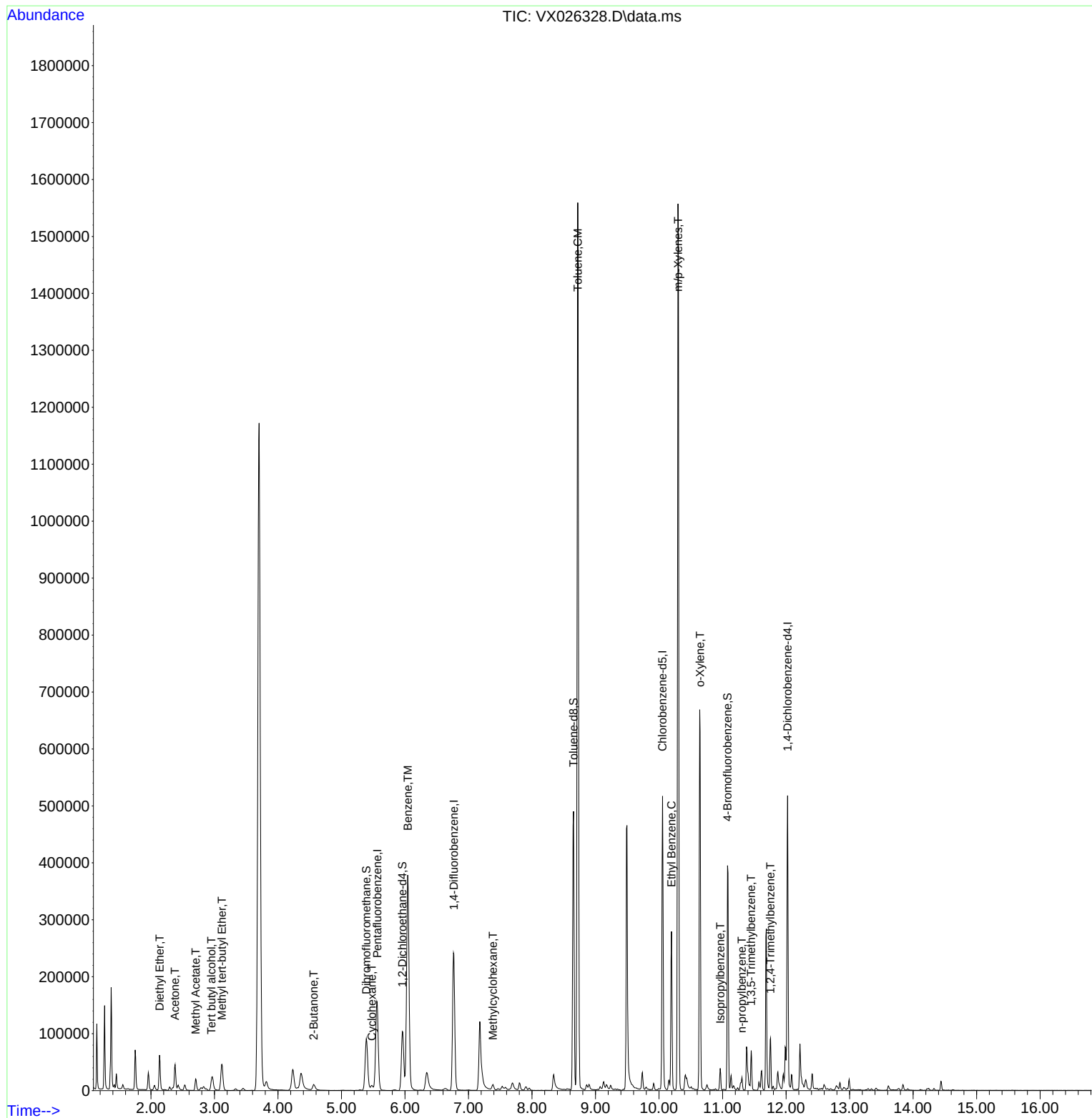
Internal Standards						
1) Pentafluorobenzene	5.562	168	142533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104478	50.667	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.340%			
35) Dibromofluoromethane	5.391	113	79057	50.438	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.653	98	284191	48.745	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.480%			
62) 4-Bromofluorobenzene	11.079	95	110226	53.109	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.220%			
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	19805	18.250	ug/l	99
11) Tert butyl alcohol	2.953	59	16866	40.951	ug/l	96
16) Acetone	2.380	43	48858	43.731	ug/l	96
18) Methyl Acetate	2.703	43	24091	6.648	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	46947	8.516	ug/l #	87
25) 2-Butanone	4.562	43	12680	8.147	ug/l	99
31) Cyclohexane	5.477	56	5801	1.975	ug/l	88
39) Methylcyclohexane	7.385	83	3969	1.392	ug/l #	86
40) Benzene	6.044	78	441982	61.257	ug/l	100
52) Toluene	8.720	92	574058	129.239	ug/l	99
67) Ethyl Benzene	10.195	91	154165	18.163	ug/l	99
68) m/p-Xylenes	10.299	106	347071	109.516	ug/l	93
69) o-Xylene	10.646	106	140960	45.459	ug/l	93
73) Isopropylbenzene	10.963	105	18759	2.437	ug/l	98
78) n-propylbenzene	11.305	91	11669	1.318	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	27875	4.363	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	39582	6.200	ug/l	96

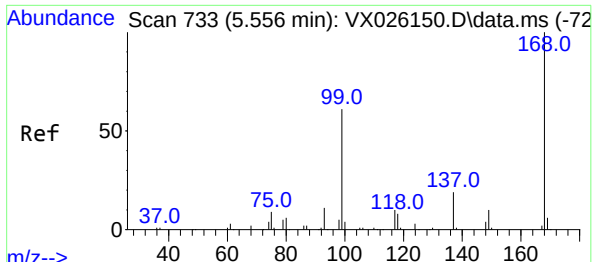
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 06 03:10:44 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

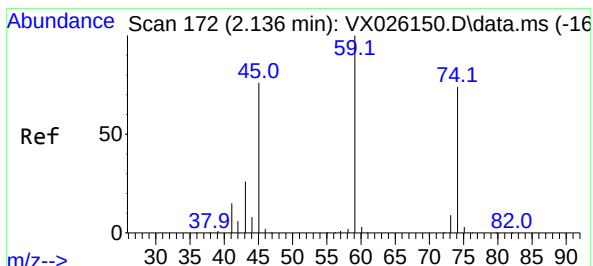
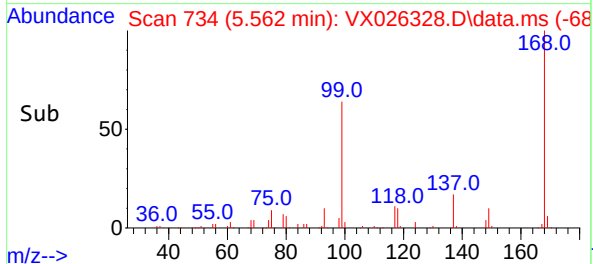
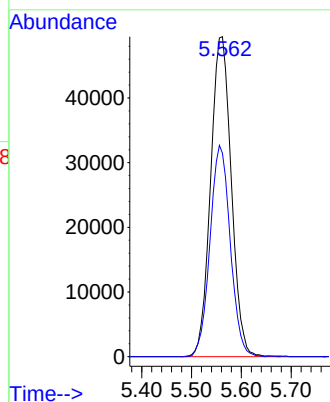
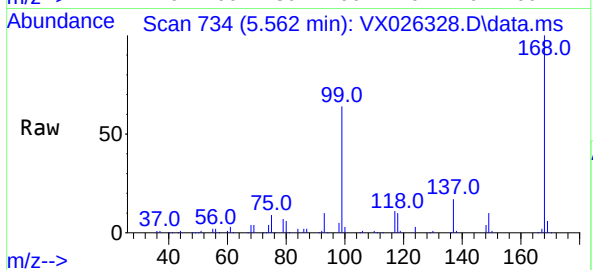




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

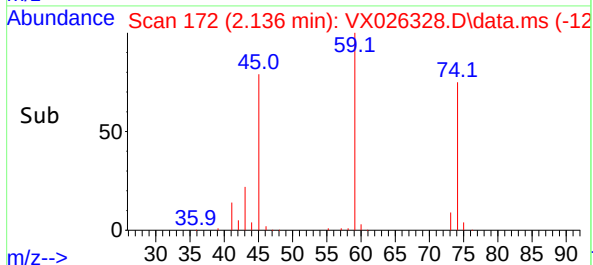
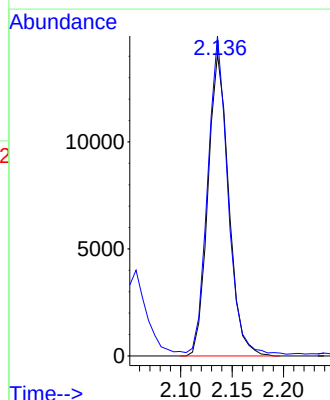
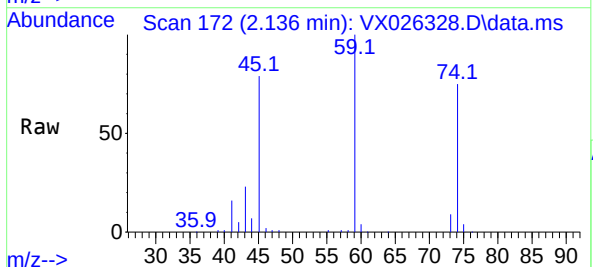
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

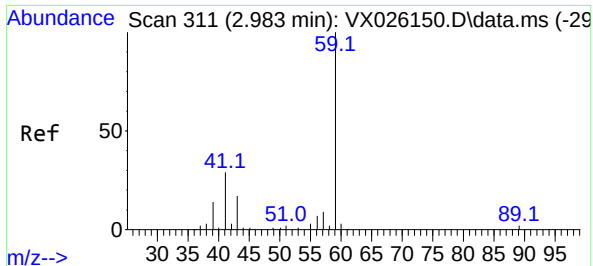
Tgt Ion:168 Resp: 142533
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.8



#8
Diethyl Ether
Concen: 18.250 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 74 Resp: 19805
Ion Ratio Lower Upper
74 100
45 101.7 50.4 151.2





#11

Tert butyl alcohol

Concen: 40.951 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX026328.D

Acq: 05 Jan 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

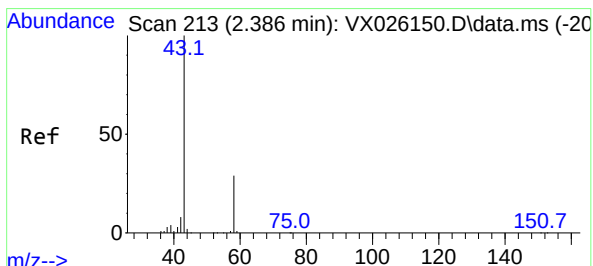
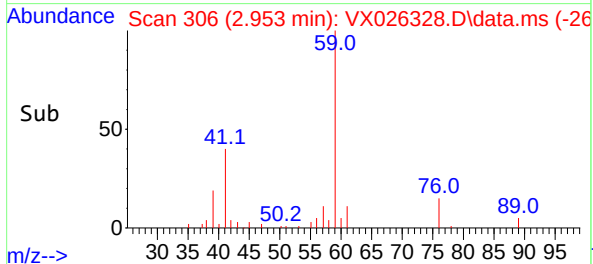
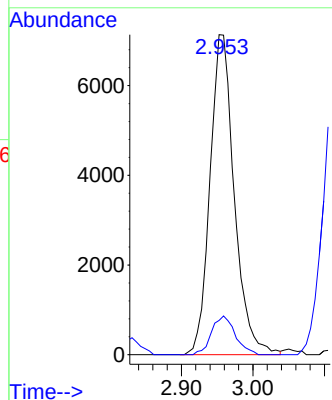
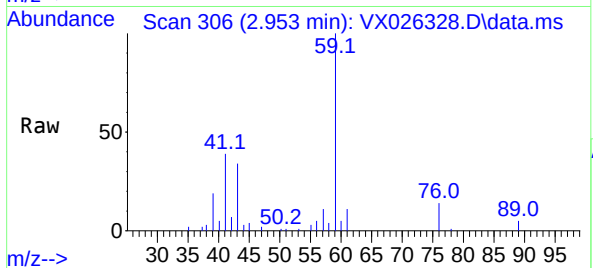
HYAT-SBDL

Tgt Ion: 59 Resp: 16866

Ion Ratio Lower Upper

59 100

57 11.8 8.2 12.2



#16

Acetone

Concen: 43.731 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026328.D

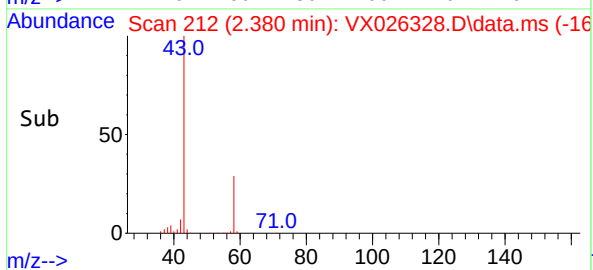
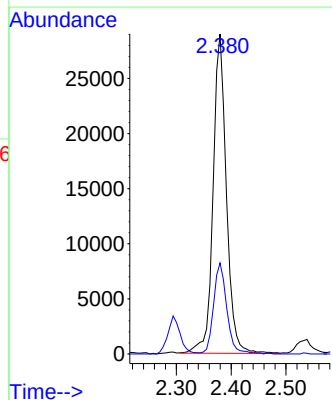
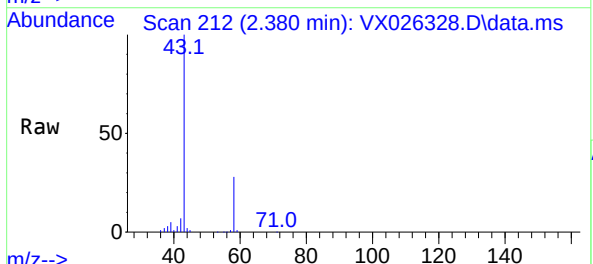
Acq: 05 Jan 2022 17:33

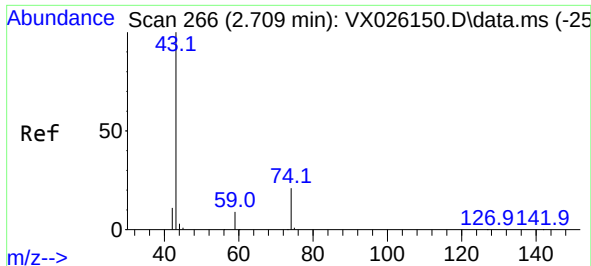
Tgt Ion: 43 Resp: 48858

Ion Ratio Lower Upper

43 100

58 28.5 24.8 37.2





#18

Methyl Acetate

Concen: 6.648 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX026328.D

Acq: 05 Jan 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

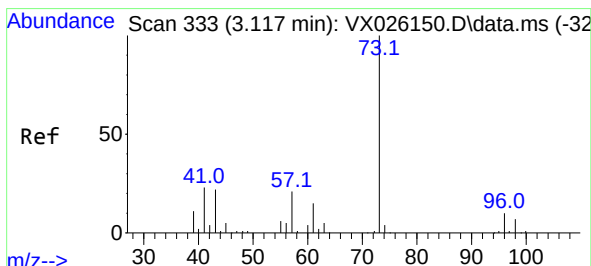
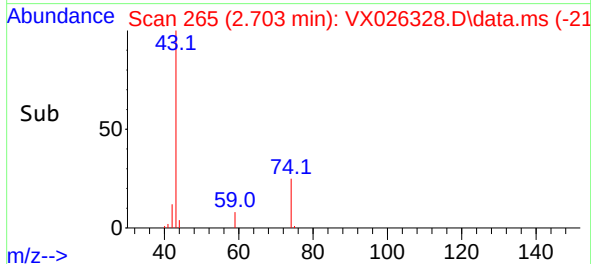
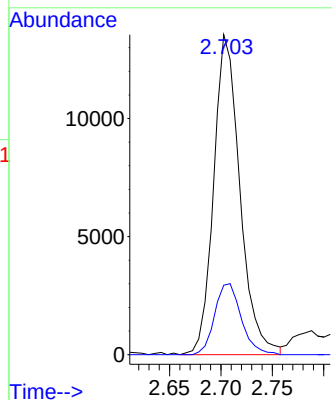
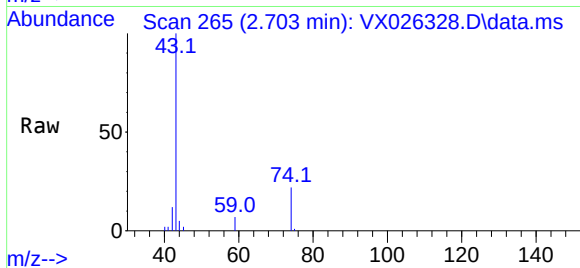
HYAT-SBDL

Tgt Ion: 43 Resp: 24091

Ion Ratio Lower Upper

43 100

74 22.5 19.1 28.7



#19

Methyl tert-butyl Ether

Concen: 8.516 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026328.D

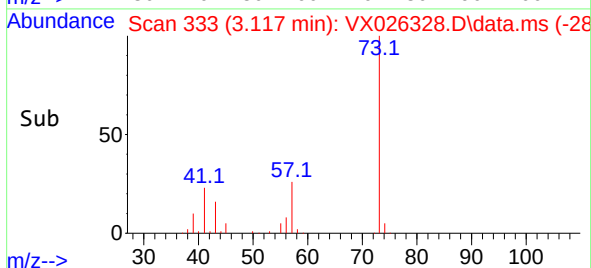
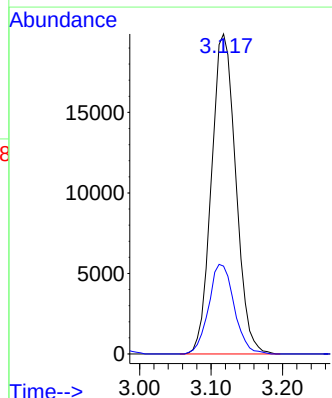
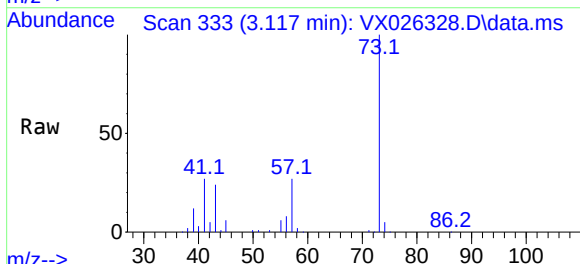
Acq: 05 Jan 2022 17:33

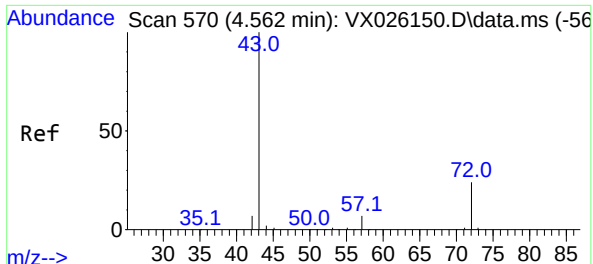
Tgt Ion: 73 Resp: 46947

Ion Ratio Lower Upper

73 100

57 27.5 17.0 25.6#

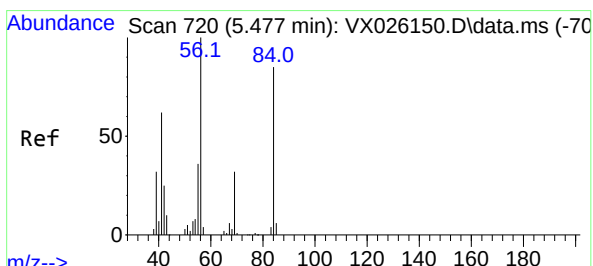
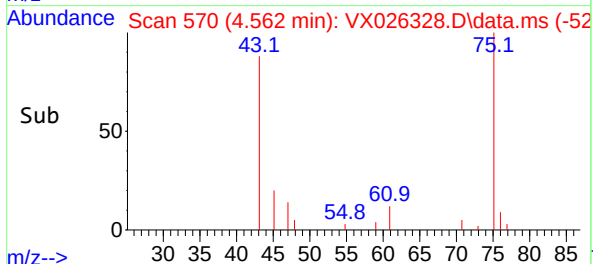
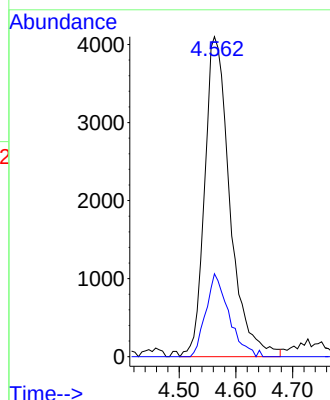
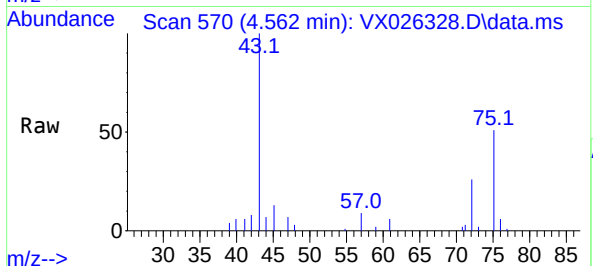




#25
2-Butanone
Concen: 8.147 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

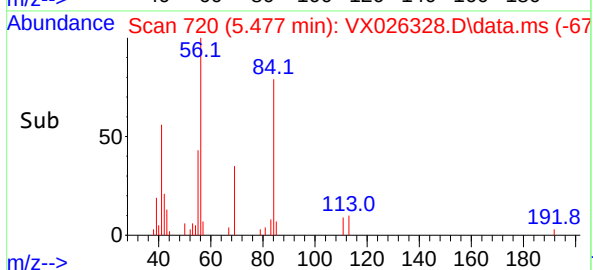
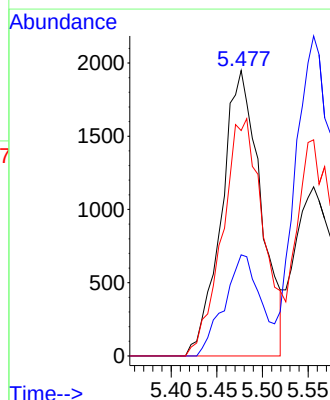
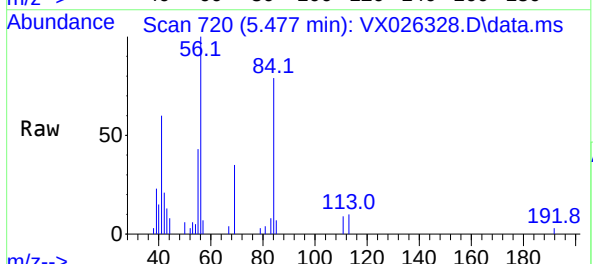
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

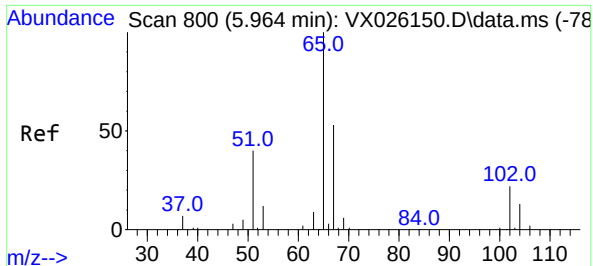
Tgt Ion: 43 Resp: 12680
Ion Ratio Lower Upper
43 100
72 25.9 21.0 31.4



#31
Cyclohexane
Concen: 1.975 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 56 Resp: 5801
Ion Ratio Lower Upper
56 100
69 35.4 23.9 35.9
84 79.0 73.2 109.8

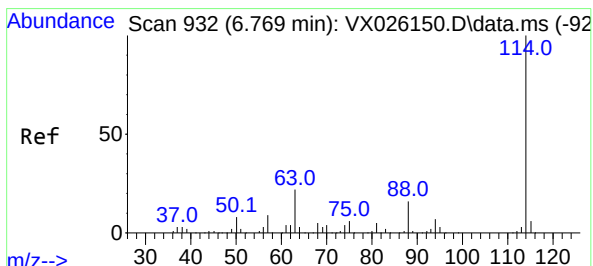
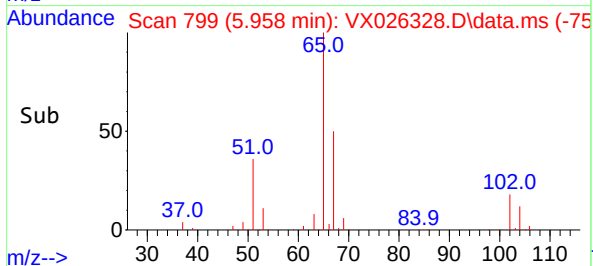
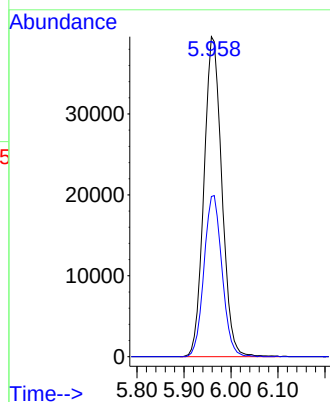
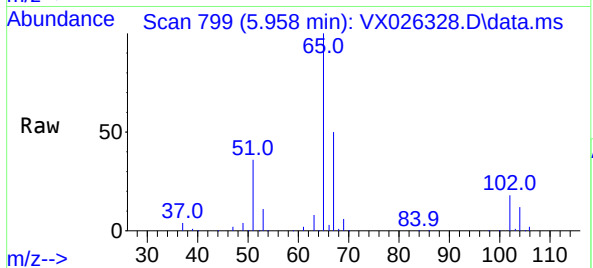




#33
 1,2-Dichloroethane-d4
 Concen: 50.667 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026328.D
 Acq: 05 Jan 2022 17:33

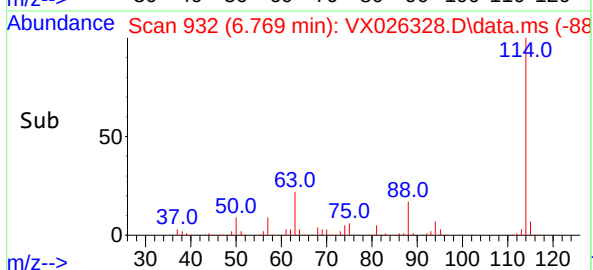
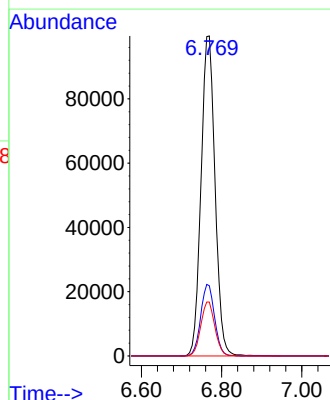
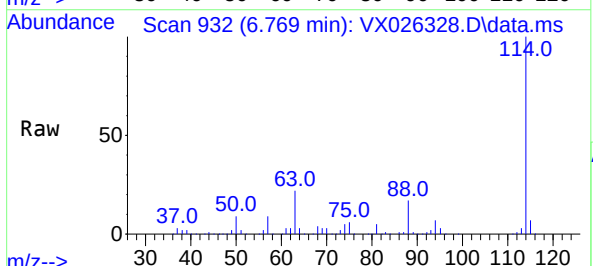
Instrument :
 MSVOA_X
 ClientSampleId :
 HYAT-SBDL

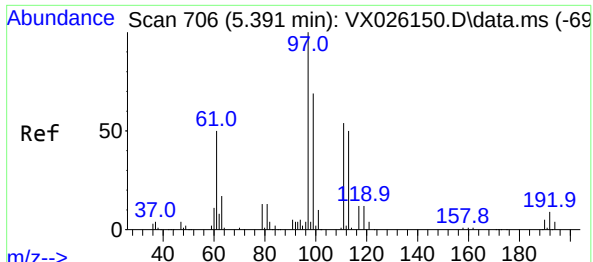
Tgt Ion: 65 Resp: 104478
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX026328.D
 Acq: 05 Jan 2022 17:33

Tgt Ion: 114 Resp: 241092
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 40.0
 88 16.9 0.0 30.6



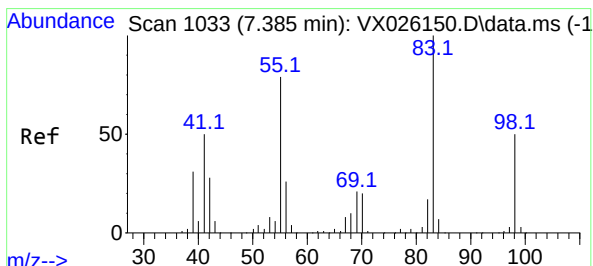
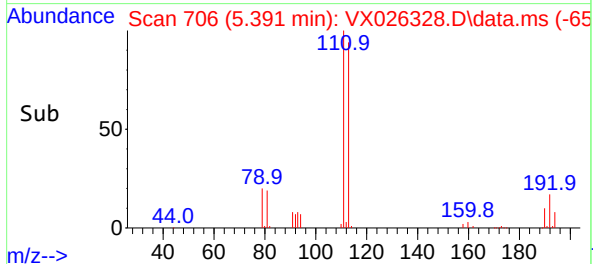
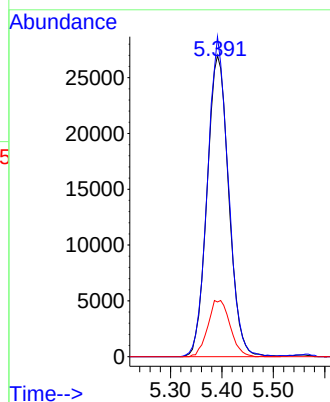
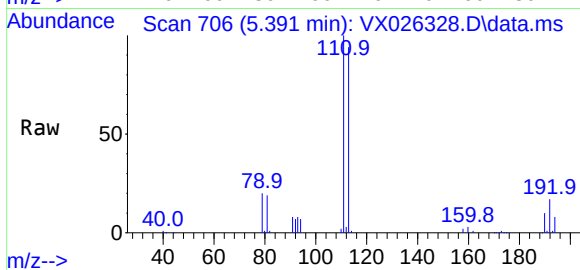


#35
Dibromofluoromethane
Concen: 50.438 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

Tgt Ion:113 Resp: 79057

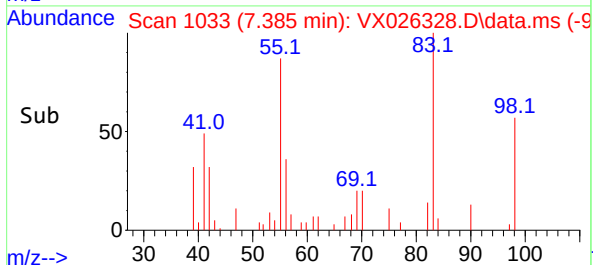
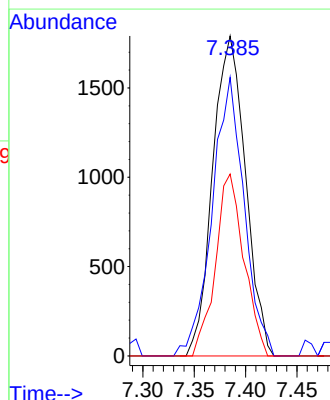
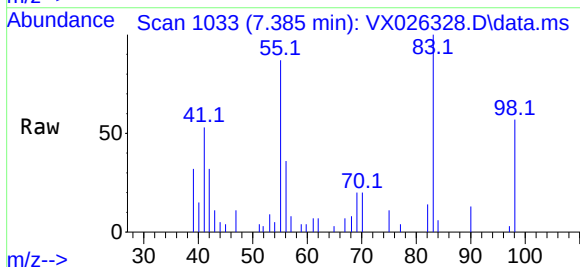
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	19.2	15.0	22.4

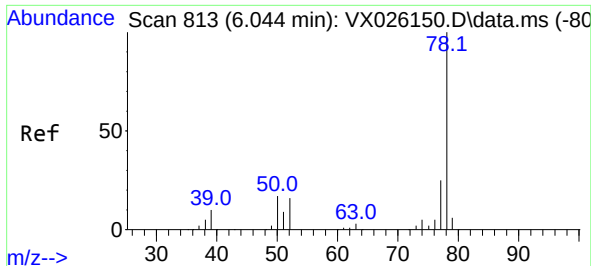


#39
Methylcyclohexane
Concen: 1.392 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 83 Resp: 3969

Ion	Ratio	Lower	Upper
83	100		
55	87.0	57.8	86.8
98	56.8	40.5	60.7

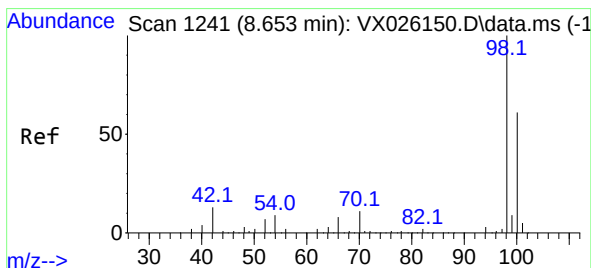
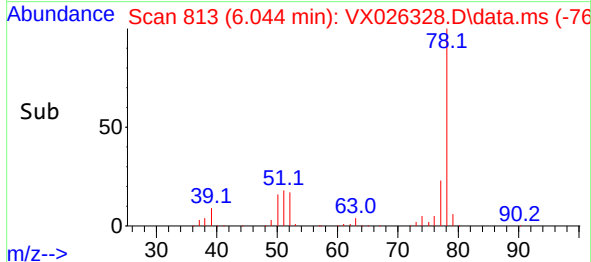
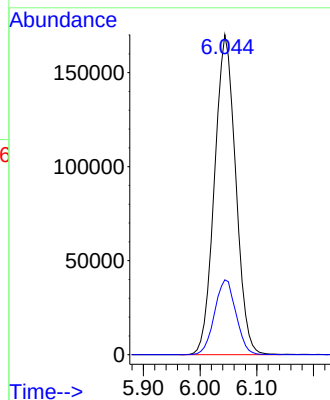
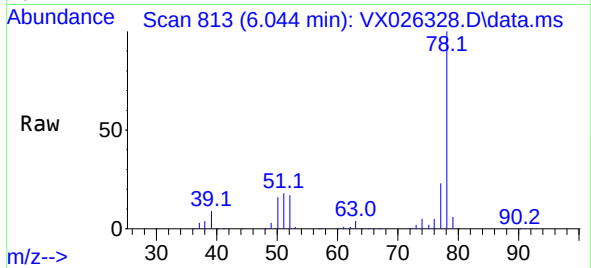




#40
Benzene
Concen: 61.257 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

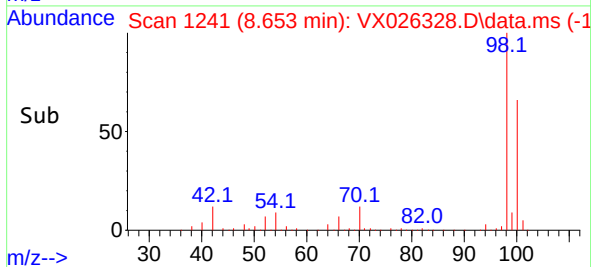
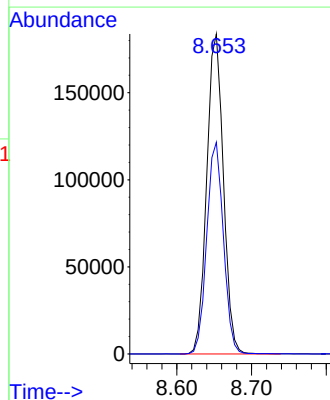
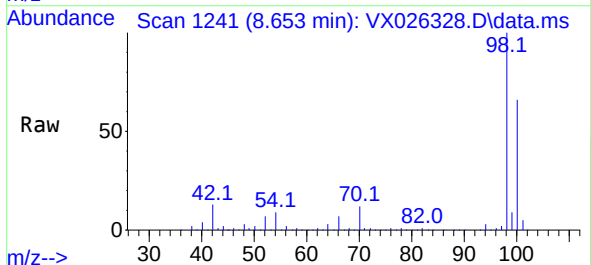
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

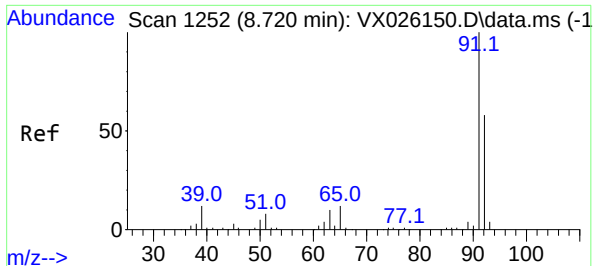
Tgt Ion: 78 Resp: 441982
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



#50
Toluene-d8
Concen: 48.745 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 98 Resp: 284191
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

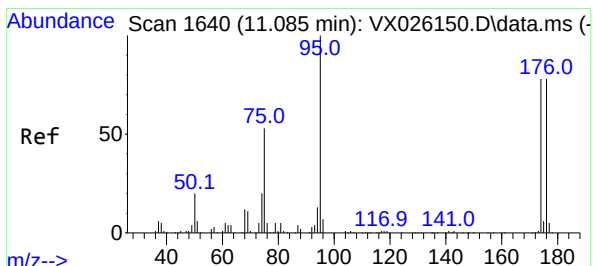
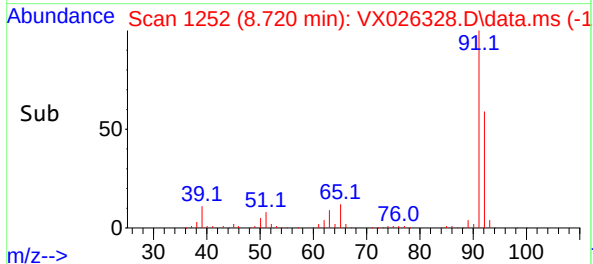
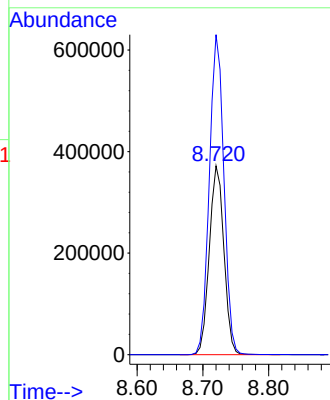
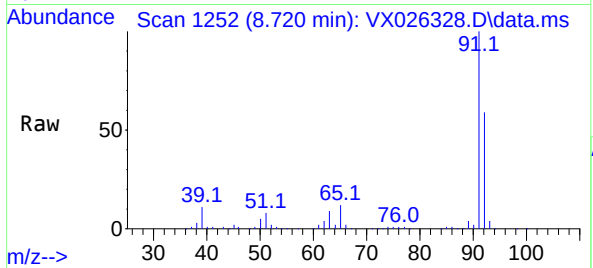




#52
Toluene
Concen: 129.239 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

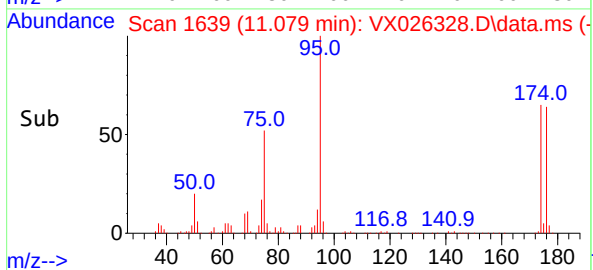
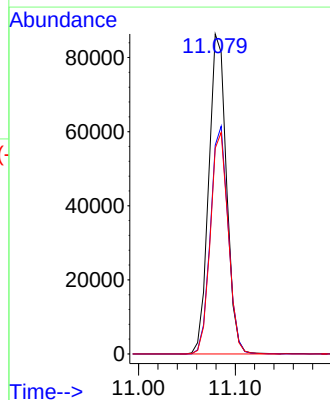
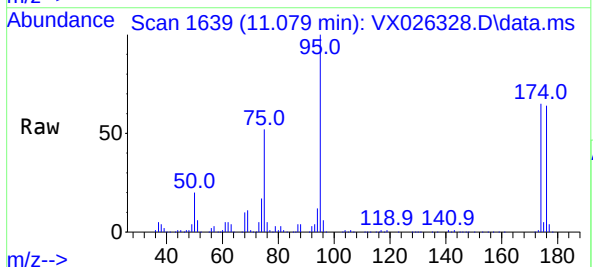
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

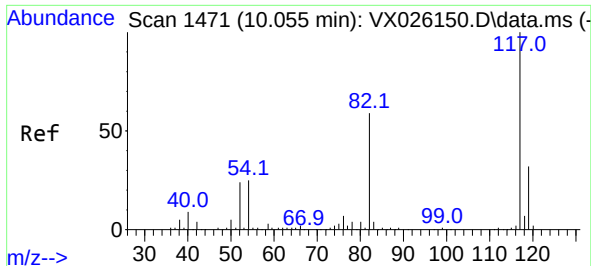
Tgt Ion: 92 Resp: 574058
Ion Ratio Lower Upper
92 100
91 169.0 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 53.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 95 Resp: 110226
Ion Ratio Lower Upper
95 100
174 70.9 0.0 157.4
176 69.4 0.0 154.6

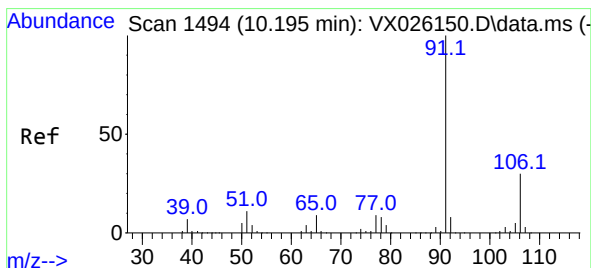
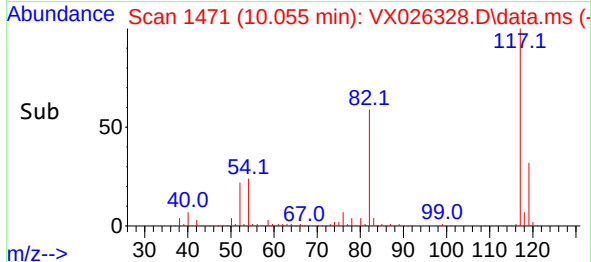
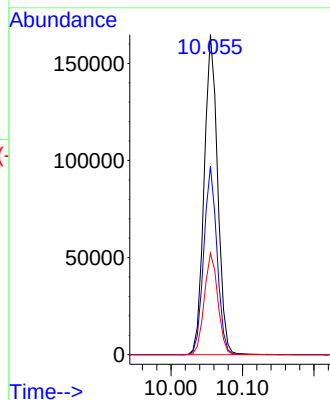
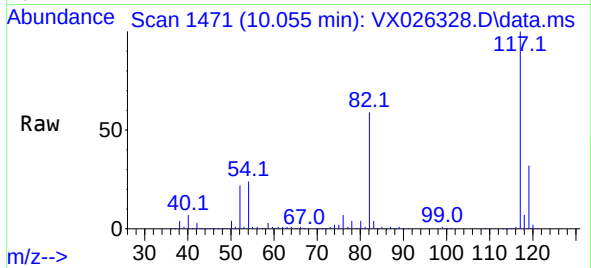




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

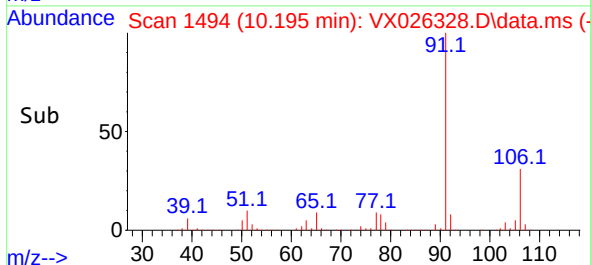
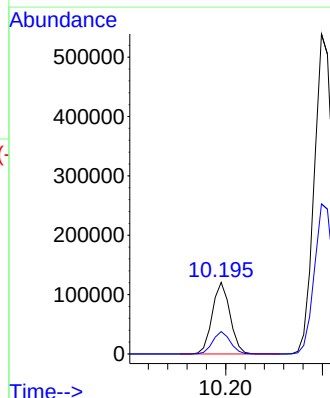
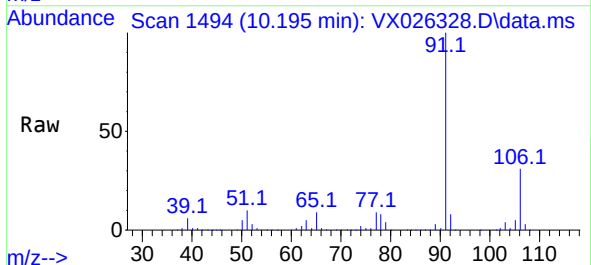
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

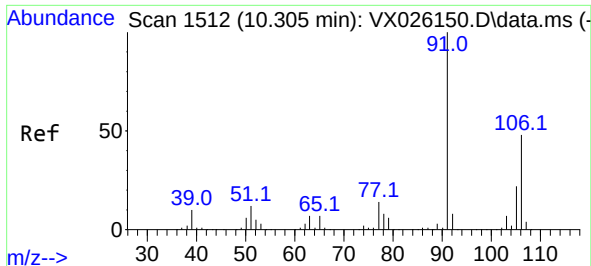
Tgt Ion:117 Resp: 216084
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.6
119 31.7 25.2 37.8



#67
Ethyl Benzene
Concen: 18.163 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 91 Resp: 154165
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5

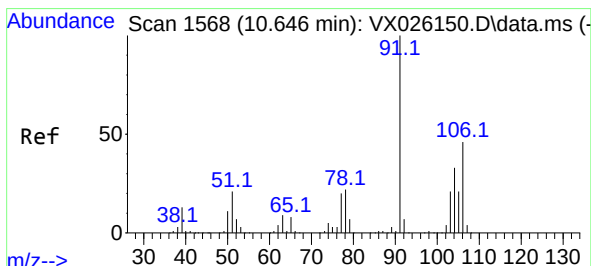
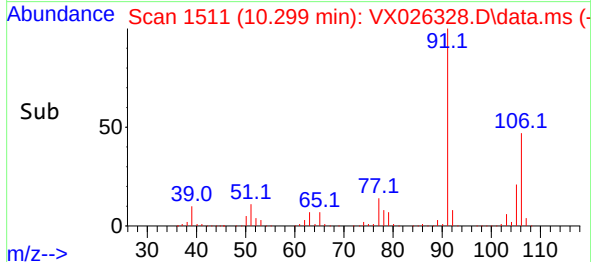
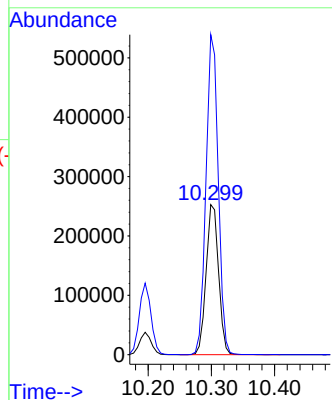
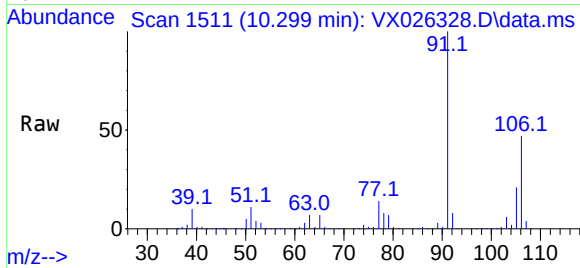




#68
m/p-Xylenes
Concen: 109.516 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

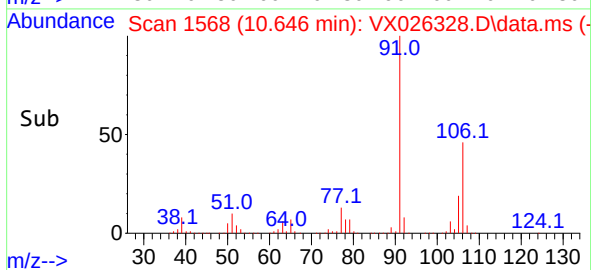
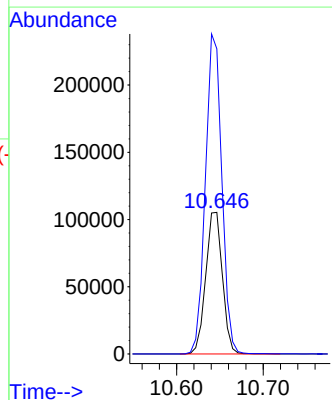
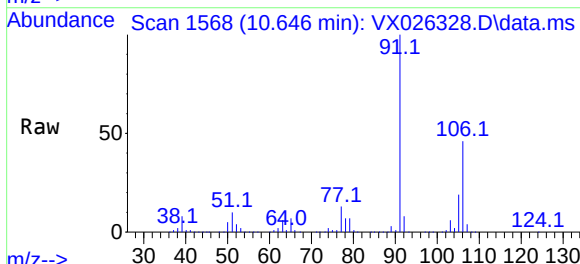
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

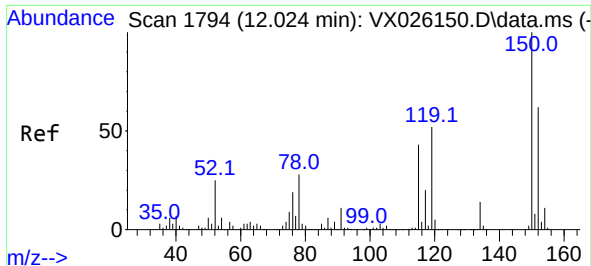
Tgt Ion:106 Resp: 347071
Ion Ratio Lower Upper
106 100
91 209.4 158.6 238.0



#69
o-Xylene
Concen: 45.459 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion:106 Resp: 140960
Ion Ratio Lower Upper
106 100
91 222.0 105.5 316.4

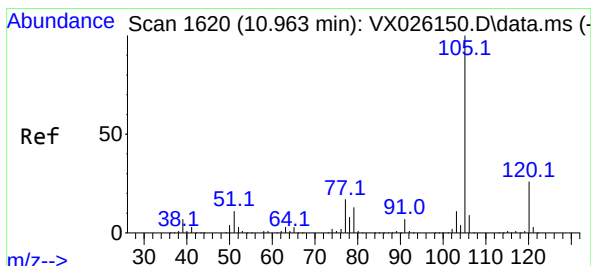
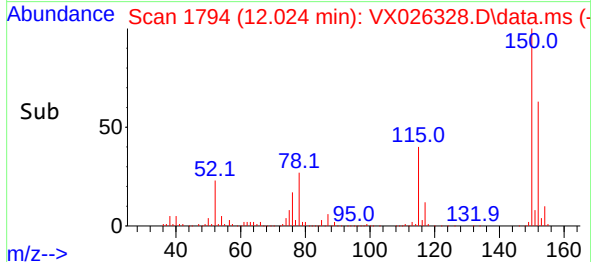
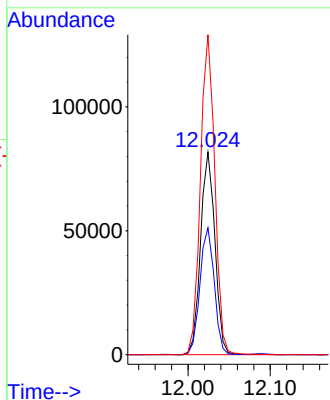
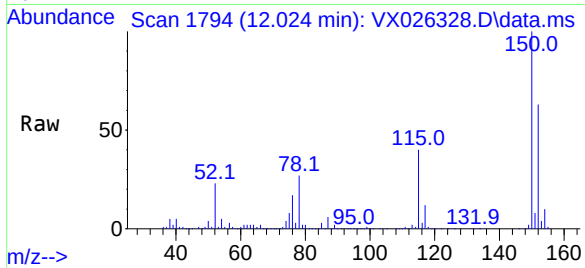




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

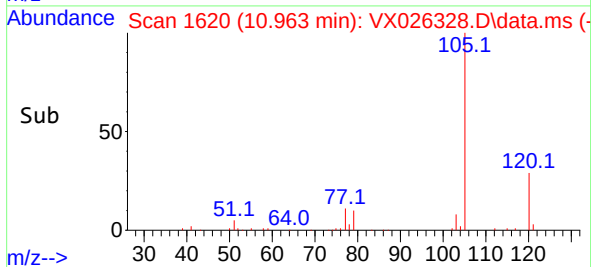
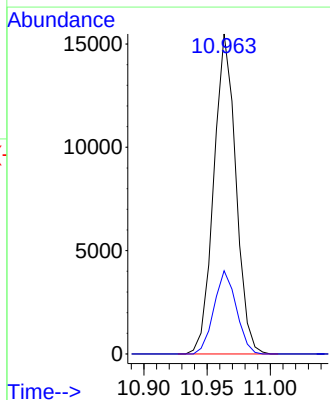
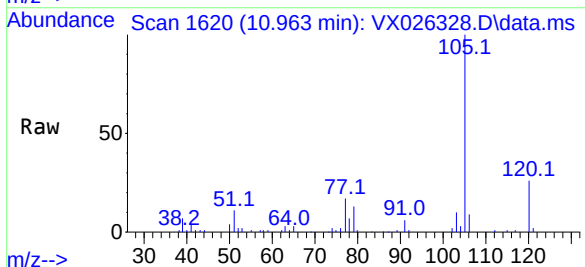
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

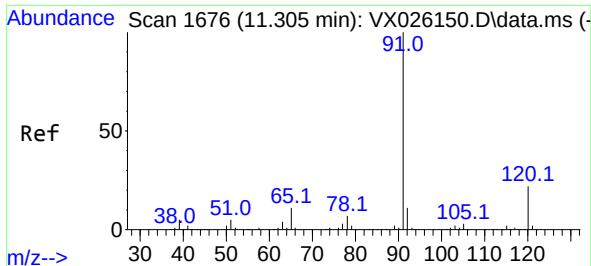
Tgt Ion:152 Resp: 99046
Ion Ratio Lower Upper
152 100
115 62.6 41.3 123.9
150 158.3 0.0 351.8



#73
Isopropylbenzene
Concen: 2.437 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion:105 Resp: 18759
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.7

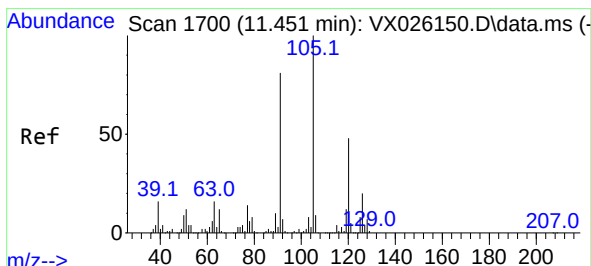
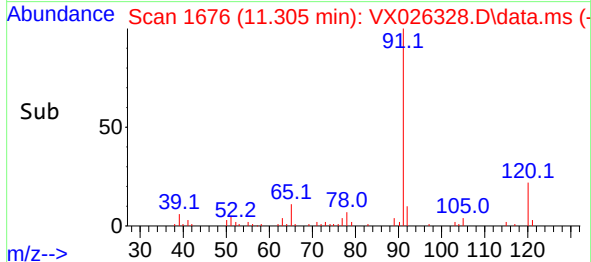
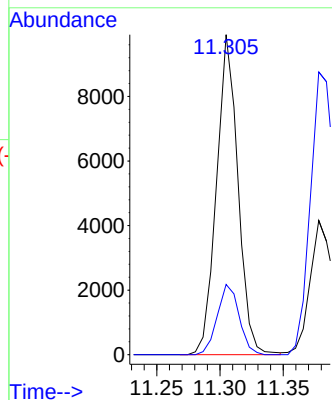
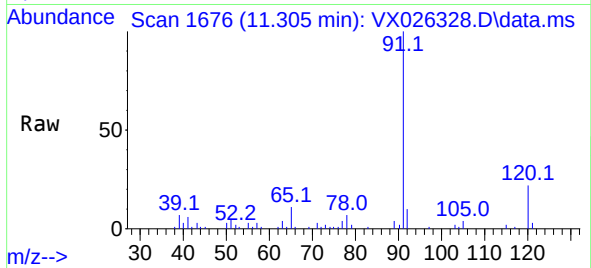




#78
n-propylbenzene
Concen: 1.318 ug/l
RT: 11.305 min Scan# 11669
Delta R.T. -0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

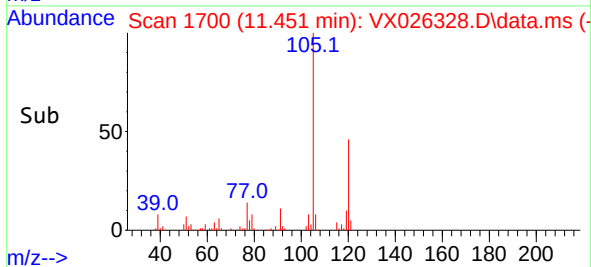
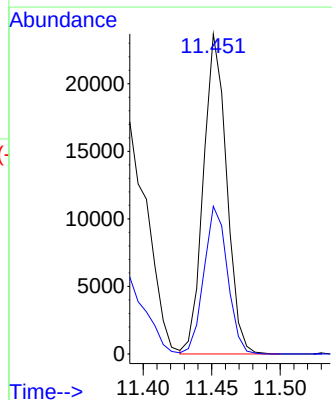
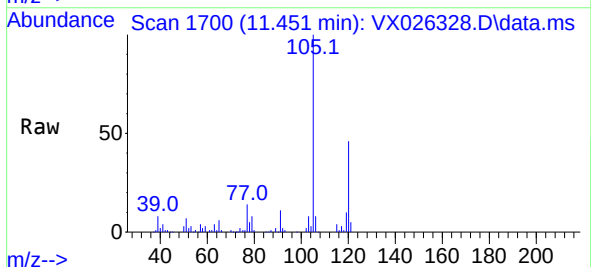
Instrument :
MSVOA_X
ClientSampleId :
HYAT-SBDL

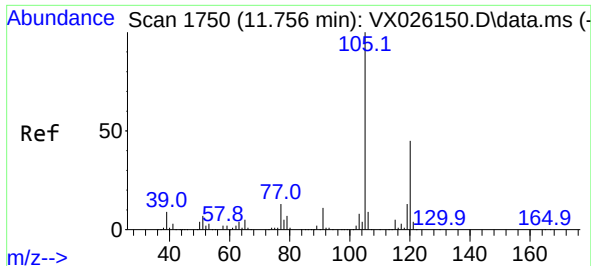
Tgt Ion: 91 Resp: 11669
Ion Ratio Lower Upper
91 100
120 22.4 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 4.363 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026328.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 105 Resp: 27875
Ion Ratio Lower Upper
105 100
120 46.9 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 6.200 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026328.D
 Acq: 05 Jan 2022 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 HYAT-SBDL

Tgt Ion:105 Resp: 39582
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.9 68.7

