

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028115.D
 Acq On : 14 Apr 2022 18:21
 Operator : JC/MD
 Sample : N2403-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

Quant Time: Apr 15 03:17:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : Sw846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

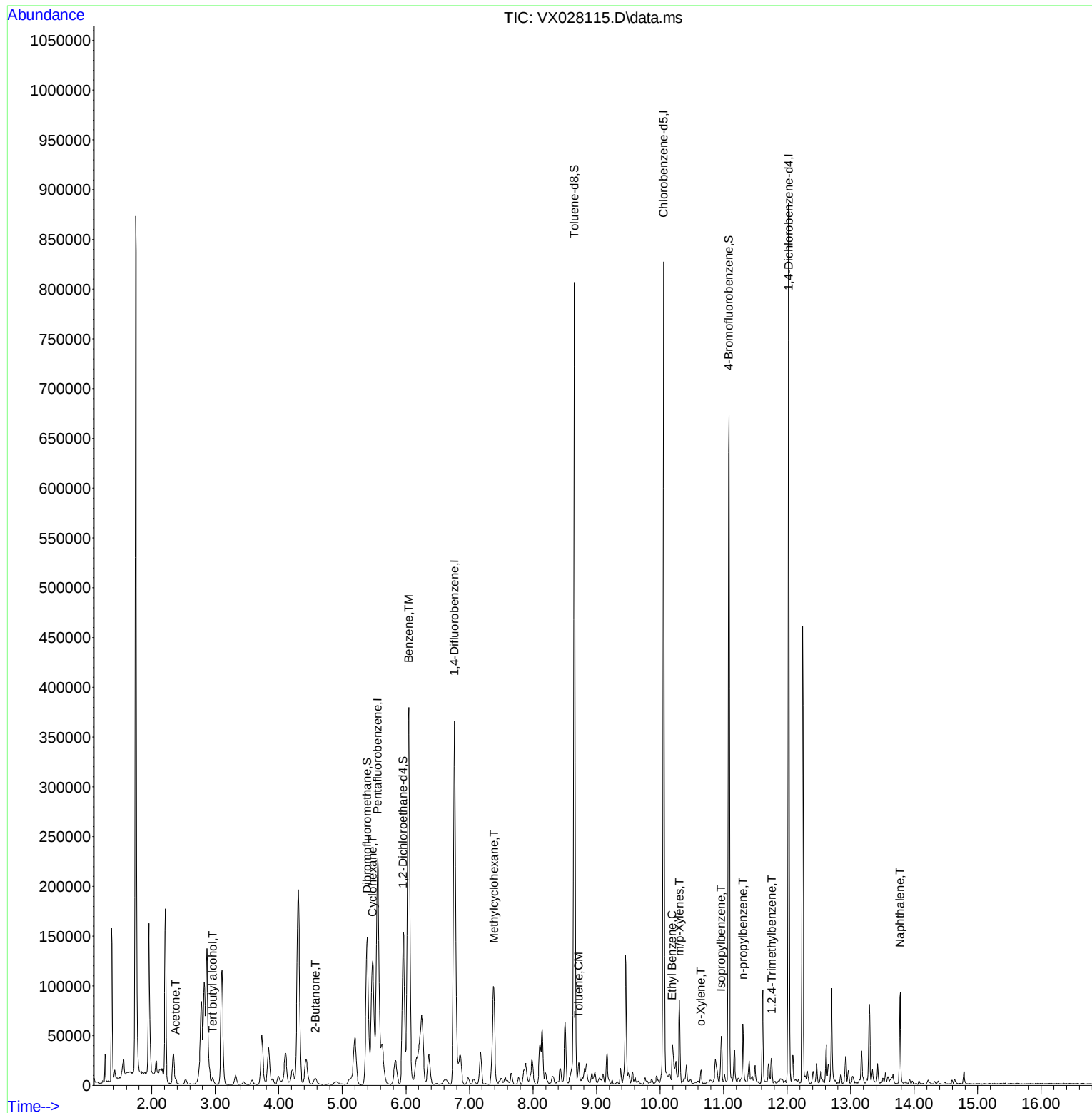
Internal Standards						
1) Pentafluorobenzene	5.556	168	217192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139482	47.337	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	94.680%	
35) Dibromofluoromethane	5.391	113	121452	48.633	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	97.260%	
50) Toluene-d8	8.653	98	461112	49.508	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	99.020%	
62) 4-Bromofluorobenzene	11.085	95	156782	45.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	90.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	8103	11.847	ug/l #	72
16) Acetone	2.379	43	4084	3.327	ug/l	90
25) 2-Butanone	4.574	43	2804	1.321	ug/l #	85
31) Cyclohexane	5.476	56	83331	20.567	ug/l	94
39) Methylcyclohexane	7.385	83	43591	9.675	ug/l	95
40) Benzene	6.043	78	451759	40.761	ug/l	99
52) Toluene	8.720	92	6392	0.864	ug/l	94
67) Ethyl Benzene	10.195	91	21583	1.543	ug/l	99
68) m/p-Xylenes	10.305	106	17668	3.025	ug/l	98
69) o-Xylene	10.646	106	2080	0.366	ug/l	88
73) Isopropylbenzene	10.963	105	21223	1.732	ug/l	100
78) n-propylbenzene	11.305	91	32778	2.302	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11105	1.072	ug/l	95
95) Naphthalene	13.780	128	57035	5.011	ug/l	100

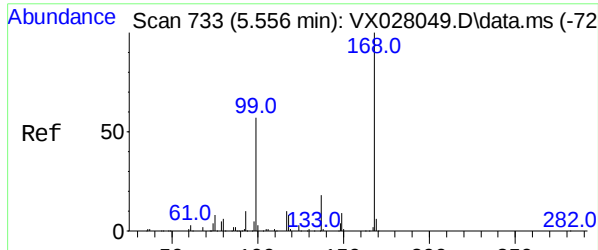
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 15 03:17:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

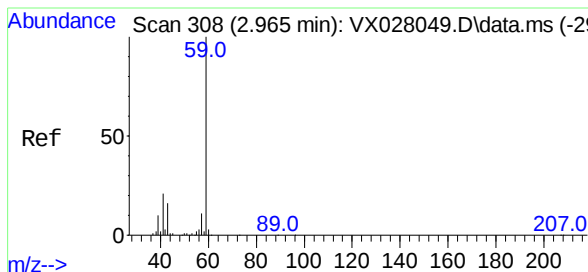
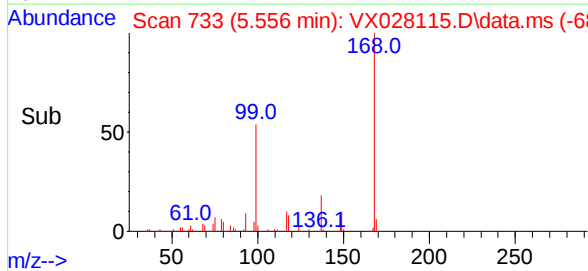
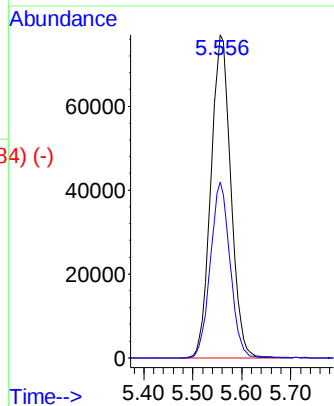
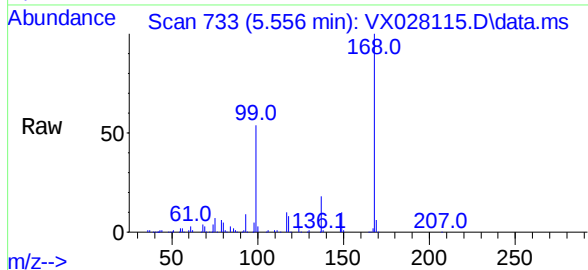
MW-24DL

Tgt Ion:168 Resp: 217192

Ion Ratio Lower Upper

168 100

99 54.4 41.7 62.5



Tert butyl alcohol

Concen: 11.847 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX028115.D

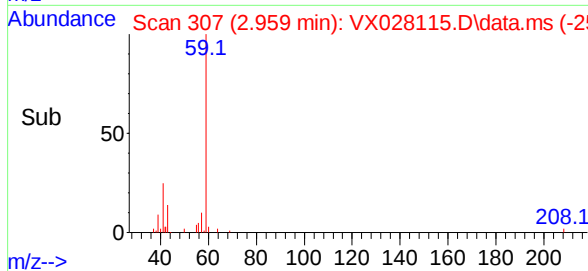
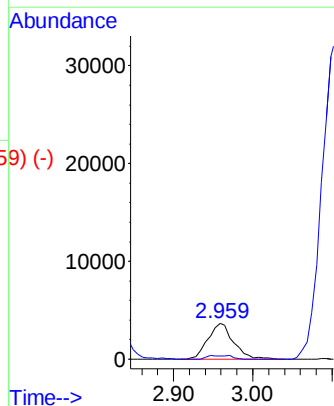
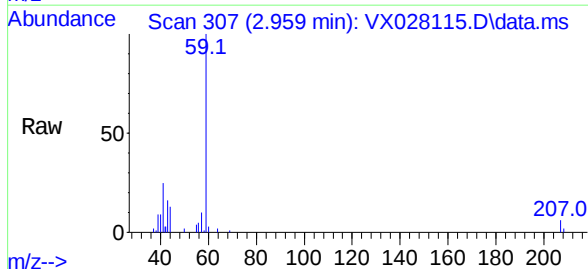
Acq: 14 Apr 2022 18:21

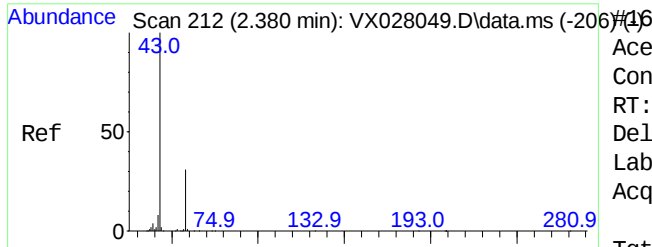
Tgt Ion: 59 Resp: 8103

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

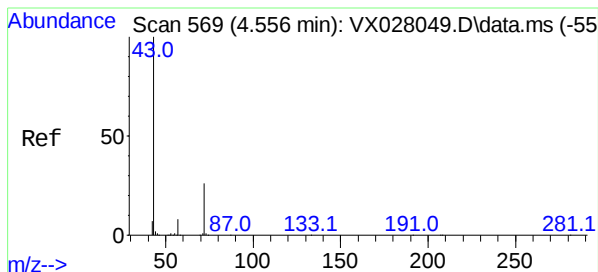
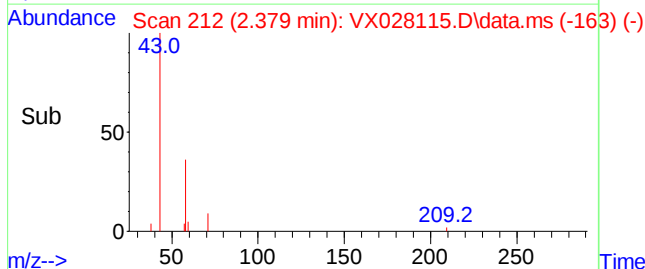
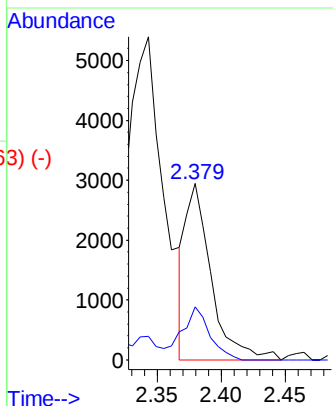
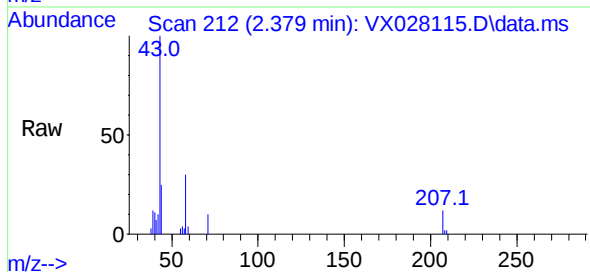




Acetone
Concen: 3.327 ug/l
RT: 2.379 min Scan# 16
Delta R.T. -0.001 min
Lab File: VX028115.D
Acq: 14 Apr 2022 18:21

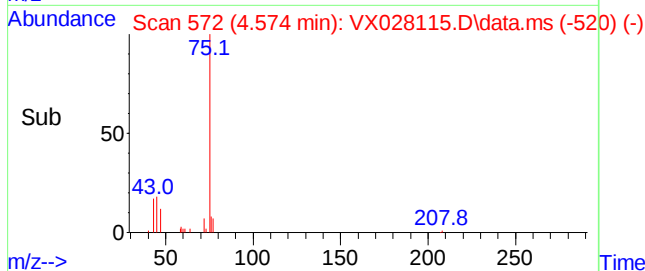
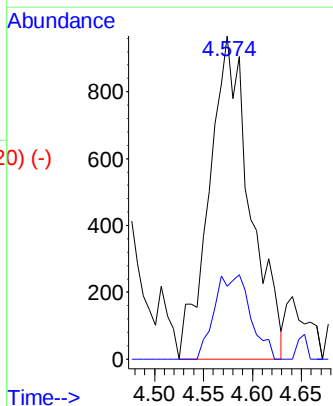
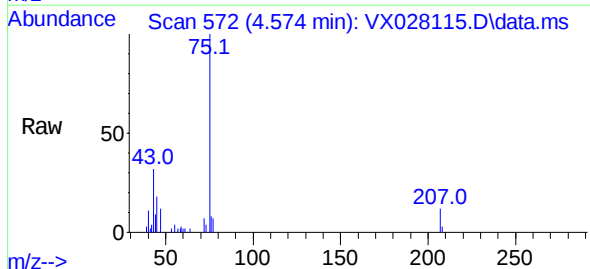
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

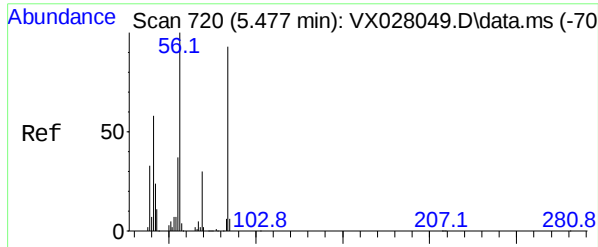
Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2



2-Butanone
Concen: 1.321 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX028115.D
Acq: 14 Apr 2022 18:21

Tgt Ion: 43 Resp: 2804
Ion Ratio Lower Upper
43 100
72 22.5 24.4 36.6#



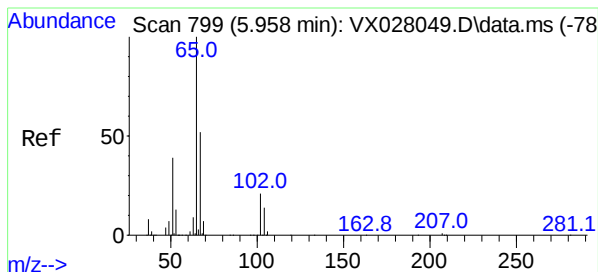
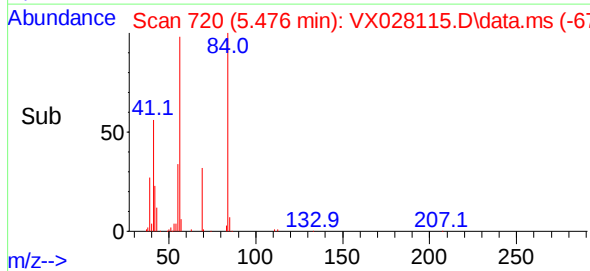
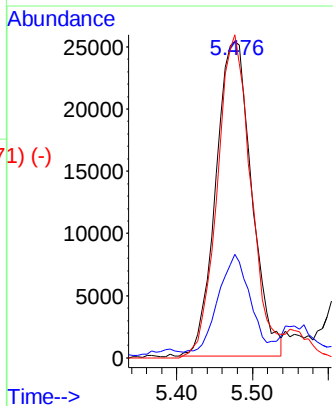
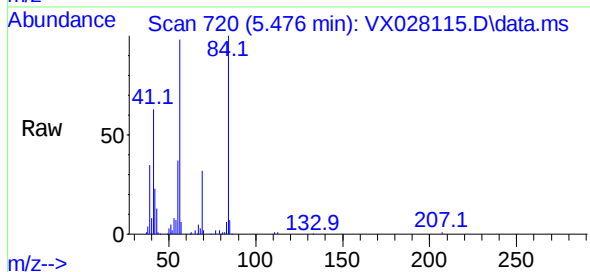


#31
Cyclohexane
Concen: 20.567 ug/l
RT: 5.476 min Scan#
Delta R.T. -0.001 min
Lab File: VX028115.D
Acq: 14 Apr 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

Tgt Ion: 56 Resp: 83331

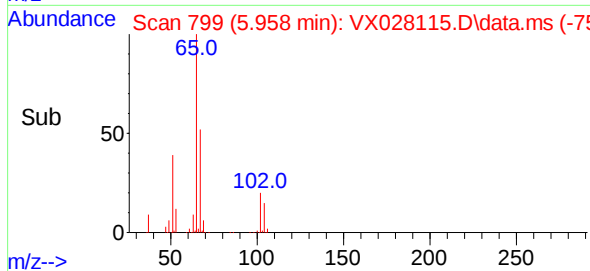
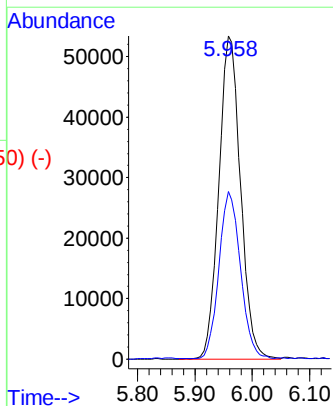
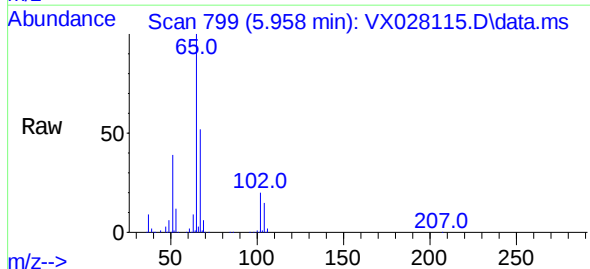
Ion	Ratio	Lower	Upper
56	100		
69	30.8	26.7	40.1
84	102.6	77.2	115.8

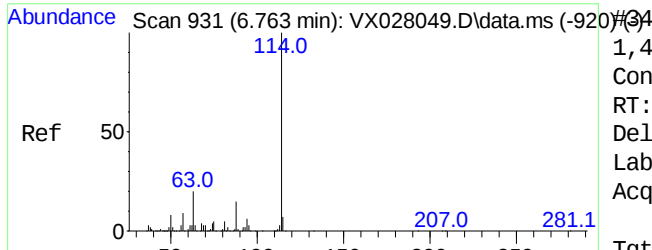


#33
1,2-Dichloroethane-d4
Concen: 47.337 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028115.D
Acq: 14 Apr 2022 18:21

Tgt Ion: 65 Resp: 139482

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	107.4





1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-24DL

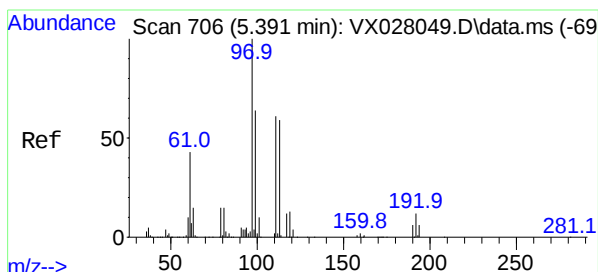
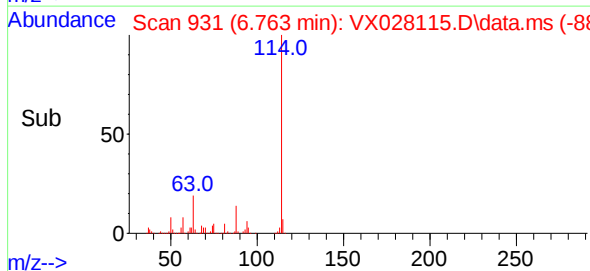
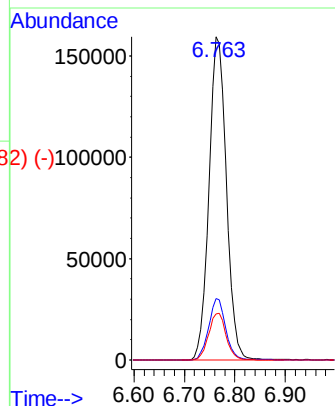
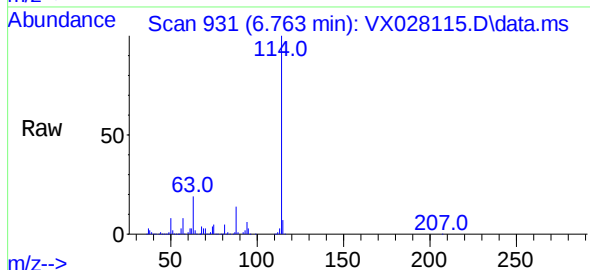
Tgt Ion:114 Resp: 381111

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 14.2 0.0 32.4



Dibromofluoromethane

Concen: 48.633 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

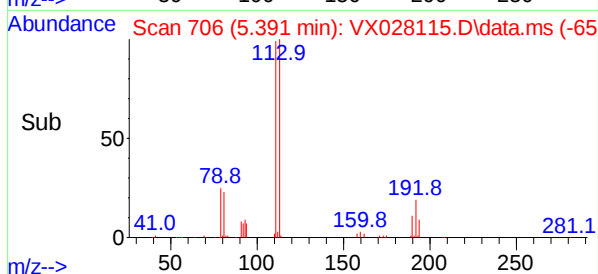
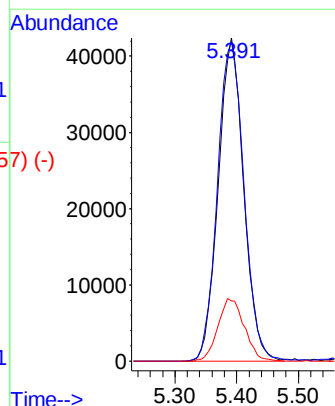
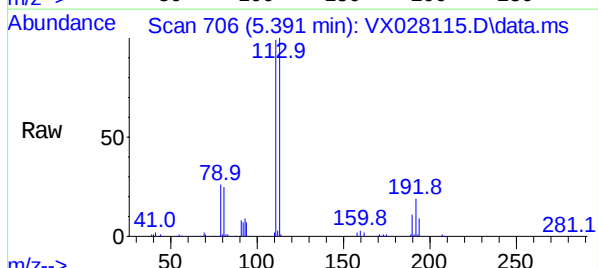
Tgt Ion:113 Resp: 121452

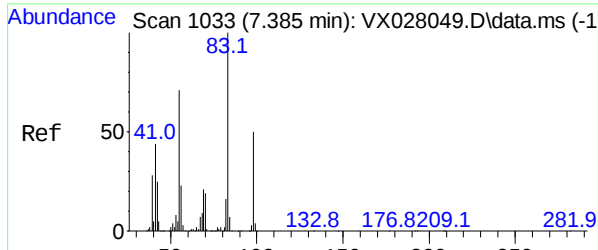
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 20.1 16.9 25.3

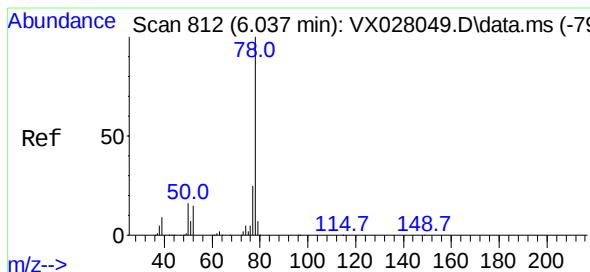
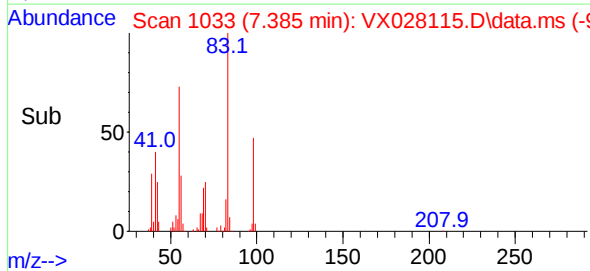
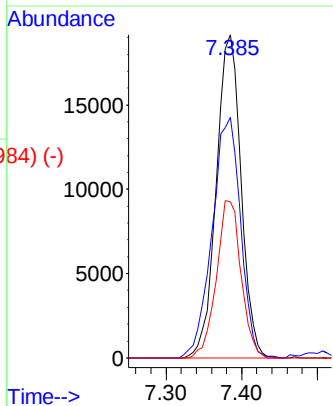
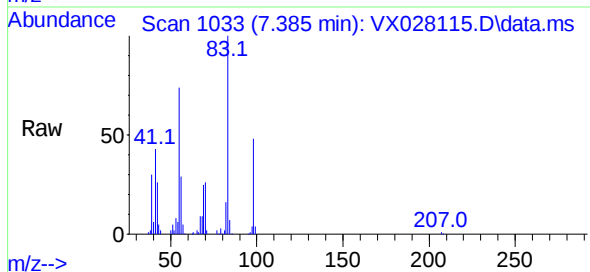




Methylcyclohexane
 Concen: 9.675 ug/l
 RT: 7.385 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VX028115.D
 Acq: 14 Apr 2022 18:21

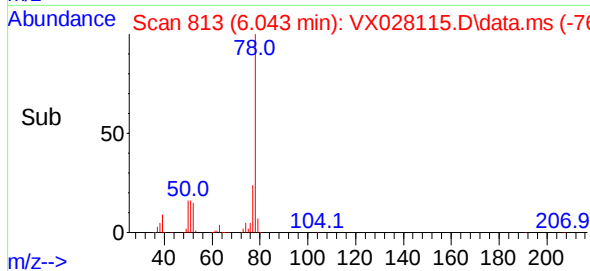
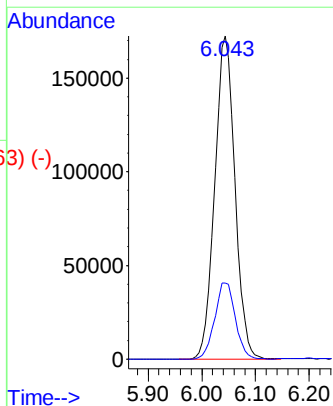
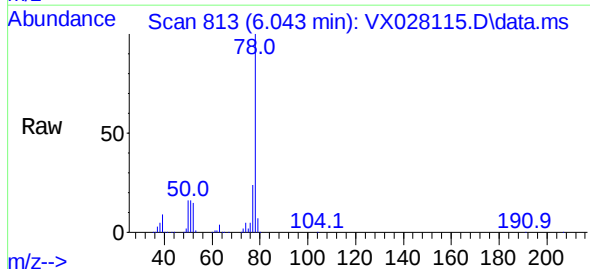
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

Tgt Ion:	83	Resp:	43591
Ion	Ratio	Lower	Upper
83	100		
55	74.4	54.6	81.8
98	48.2	37.4	56.2

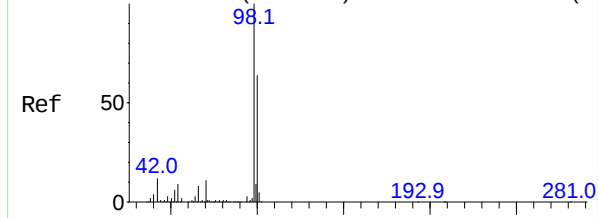


Benzene
 Concen: 40.761 ug/l
 RT: 6.043 min Scan# 813
 Delta R.T. 0.006 min
 Lab File: VX028115.D
 Acq: 14 Apr 2022 18:21

Tgt Ion:	78	Resp:	451759
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9



Abundance Scan 1241 (8.653 min): VX028049.D\data.ms (-1235)



Toluene-d8

Concen: 49.508 ug/l

RT: 8.653 min Scan#

Delta R.T. -0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-24DL

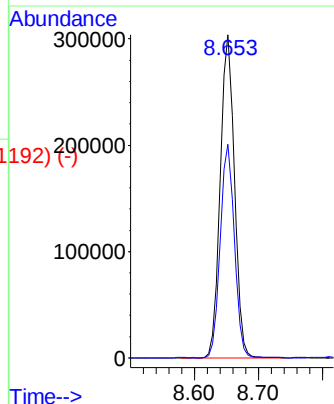
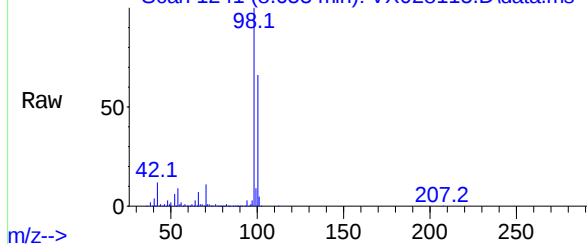
Tgt Ion: 98 Resp: 461112

Ion Ratio Lower Upper

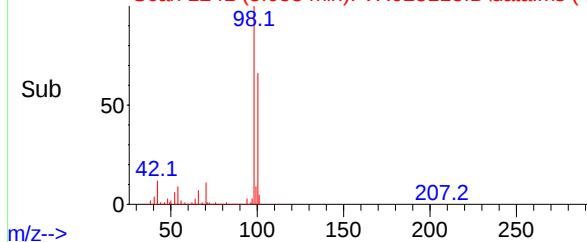
98 100

100 65.8 52.6 78.8

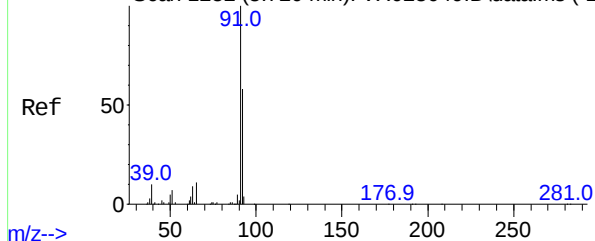
Abundance Scan 1241 (8.653 min): VX028115.D\data.ms



Abundance Scan 1241 (8.653 min): VX028115.D\data.ms (-1192) (-)



Abundance Scan 1252 (8.720 min): VX028049.D\data.ms (-1245)



Toluene

Concen: 0.864 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

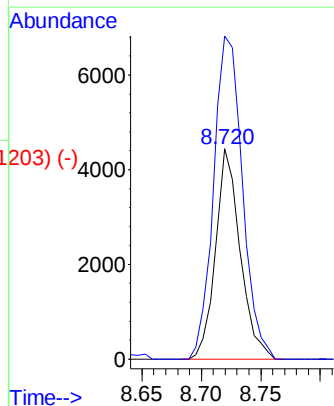
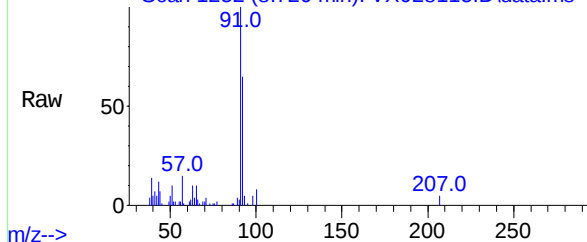
Tgt Ion: 92 Resp: 6392

Ion Ratio Lower Upper

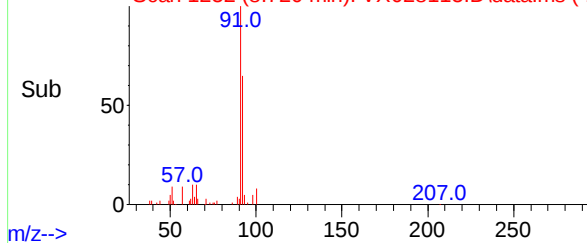
92 100

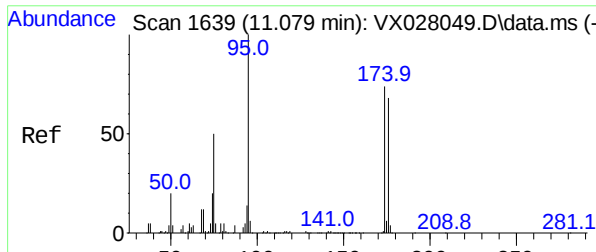
91 179.8 137.5 206.3

Abundance Scan 1252 (8.720 min): VX028115.D\data.ms



Abundance Scan 1252 (8.720 min): VX028115.D\data.ms (-1203) (-)



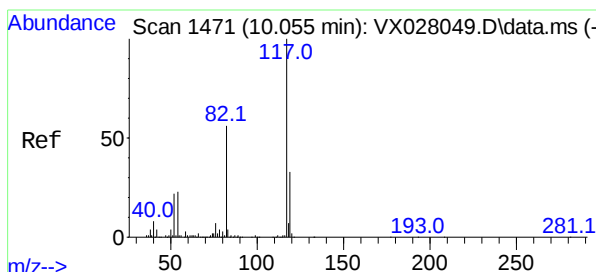
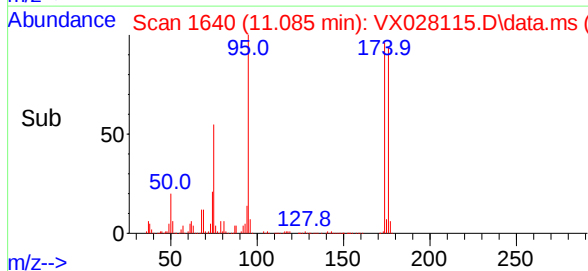
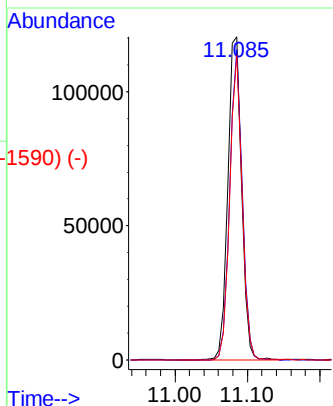
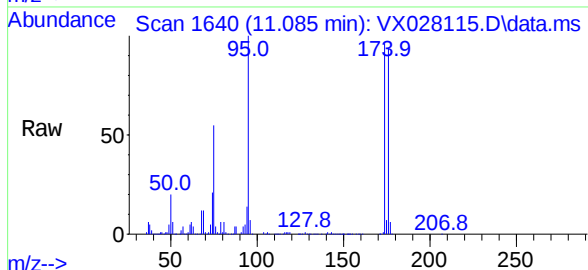


4-Bromofluorobenzene
 Concen: 45.084 ug/l
 RT: 11.085 min Scan# 1639
 Delta R.T. 0.006 min
 Lab File: VX028115.D
 Acq: 14 Apr 2022 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

Tgt Ion: 95 Resp: 156782

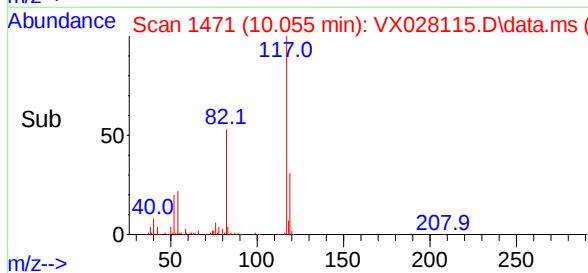
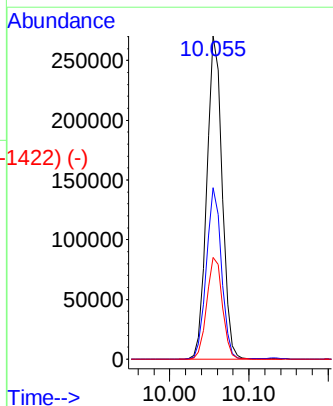
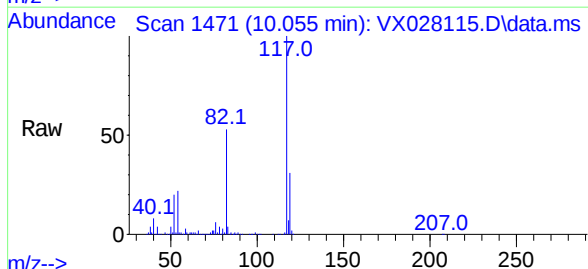
Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	163.0
176	85.4	0.0	155.0



Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX028115.D
 Acq: 14 Apr 2022 18:21

Tgt Ion: 117 Resp: 364045

Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.8
119	31.5	24.8	37.2



Abundance Scan 1494 (10.195 min): VX028049.D\data.ms (-1465) (-)

Ethyl Benzene

Concen: 1.543 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-24DL

Tgt Ion: 91 Resp: 21583

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8

Abundance Scan 1494 (10.195 min): VX028115.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1494 (10.195 min): VX028115.D\data.ms (-1445) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1494 (10.195 min): VX028115.D\data.ms (-1445) (-)

Ref

Raw

Sub

m/z-->

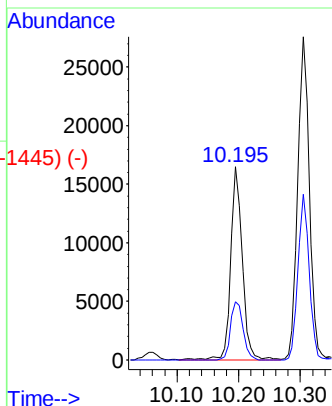
Abundance Scan 1494 (10.195 min): VX028115.D\data.ms (-1445) (-)

Ref

Raw

Sub

m/z-->



Abundance Scan 1512 (10.305 min): VX028049.D\data.ms (-1468) (-)

m/p-Xylenes

Concen: 3.025 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

Tgt Ion:106 Resp: 17668

Ion Ratio Lower Upper

106 100

91 203.1 160.4 240.6

Abundance Scan 1512 (10.305 min): VX028115.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1512 (10.305 min): VX028115.D\data.ms (-1463) (-)

Ref

Raw

Sub

m/z-->

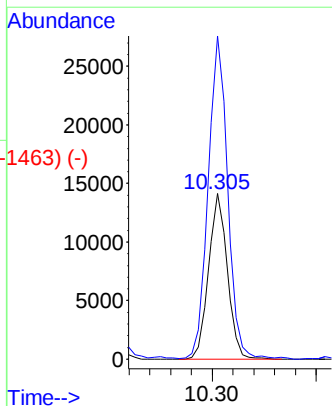
Abundance Scan 1512 (10.305 min): VX028115.D\data.ms (-1463) (-)

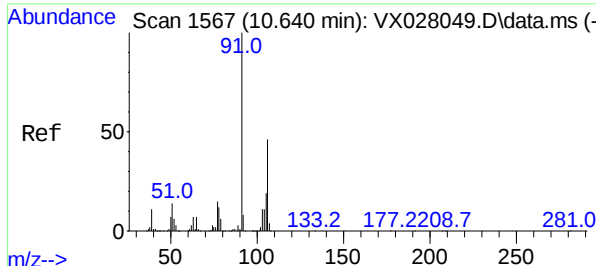
Ref

Raw

Sub

m/z-->

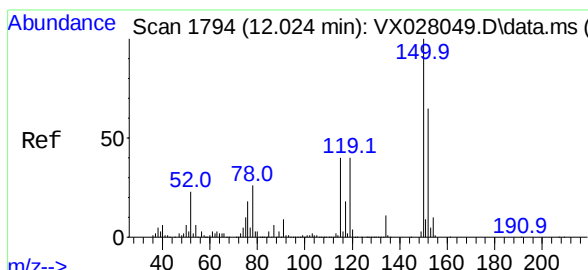
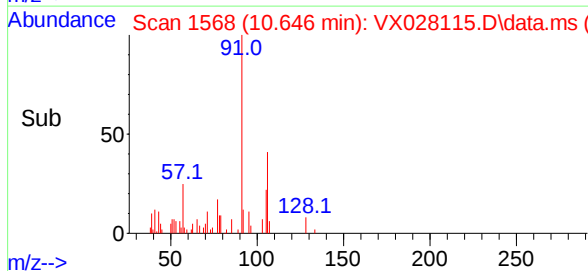
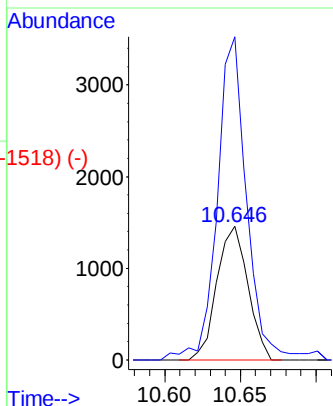
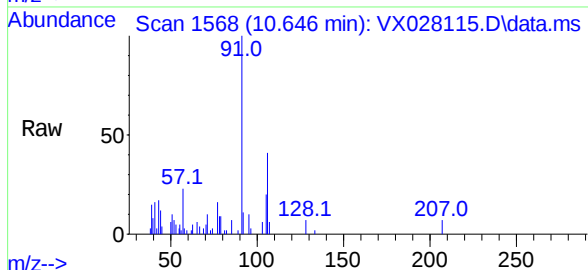




Scan 1567 (10.640 min): VX028049.D\data.ms (-1569)
 o-Xylene
 Concen: 0.366 ug/l
 RT: 10.646 min Scan# 1569
 Delta R.T. 0.006 min
 Lab File: VX028115.D
 Acq: 14 Apr 2022 18:21

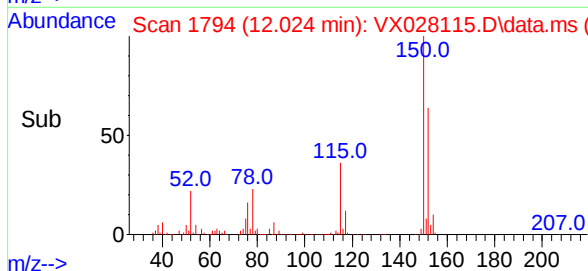
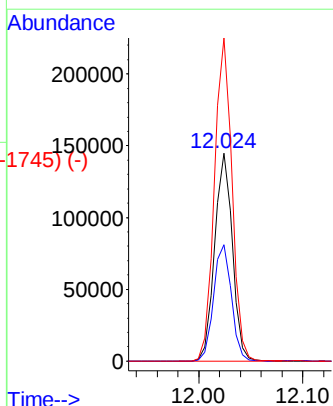
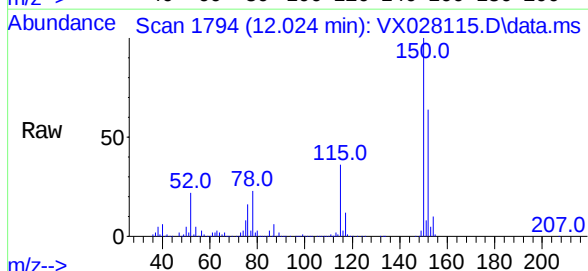
Instrument : MSVOA_X
 ClientSampleId : MW-24DL

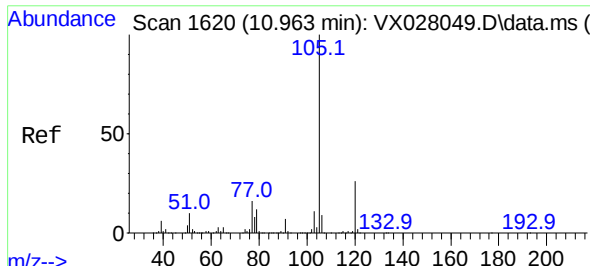
Tgt Ion:106 Resp: 2080
 Ion Ratio Lower Upper
 106 100
 91 230.5 106.1 318.1



Scan 1794 (12.024 min): VX028049.D\data.ms (-1783)
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX028115.D
 Acq: 14 Apr 2022 18:21

Tgt Ion:152 Resp: 172474
 Ion Ratio Lower Upper
 152 100
 115 56.3 37.5 112.7
 150 154.2 0.0 338.2





Isopropylbenzene

Concen: 1.732 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX028115.D

Acq: 14 Apr 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

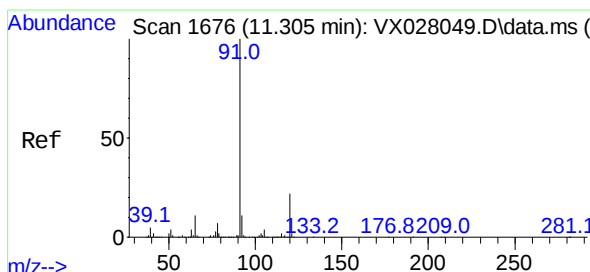
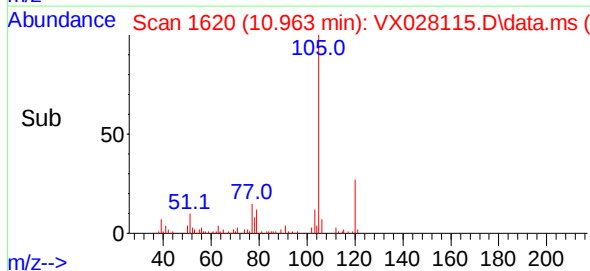
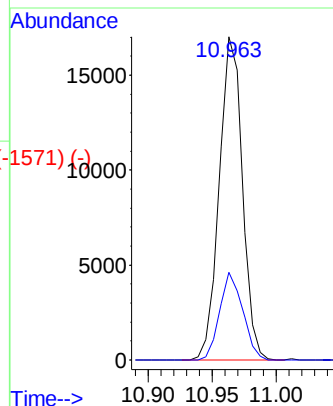
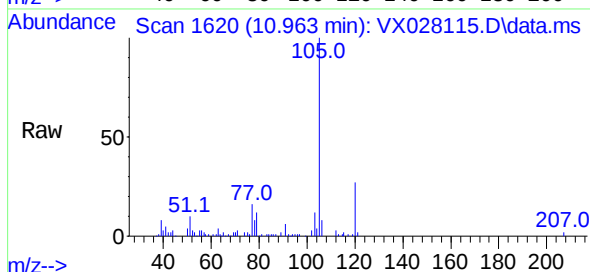
MW-24DL

Tgt Ion:105 Resp: 21223

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



n-propylbenzene

Concen: 2.302 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028115.D

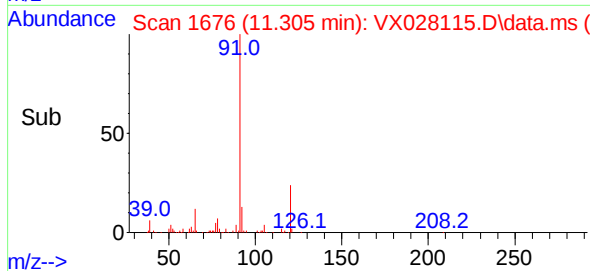
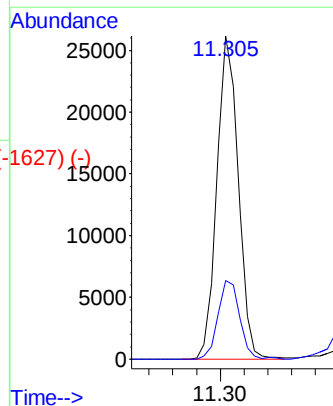
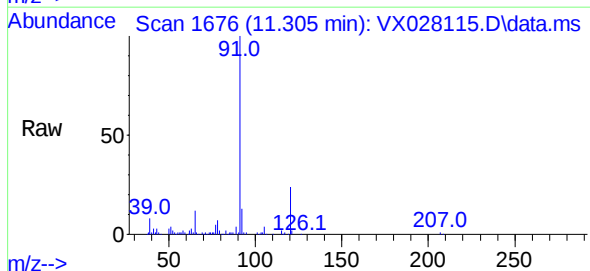
Acq: 14 Apr 2022 18:21

Tgt Ion: 91 Resp: 32778

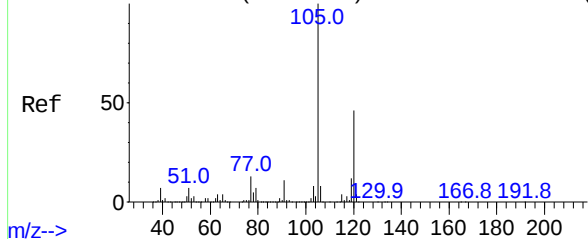
Ion Ratio Lower Upper

91 100

120 24.7 11.6 34.8



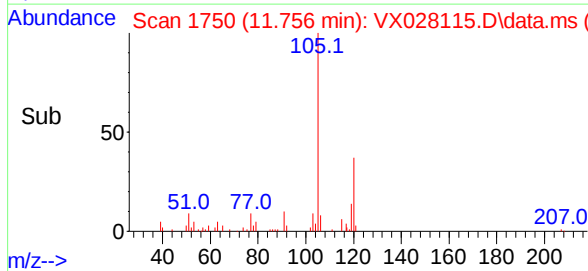
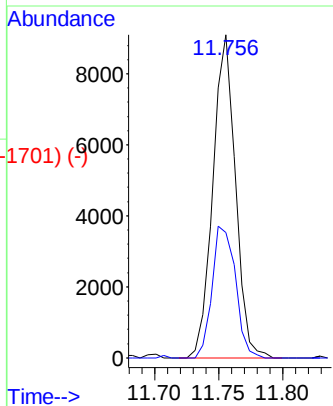
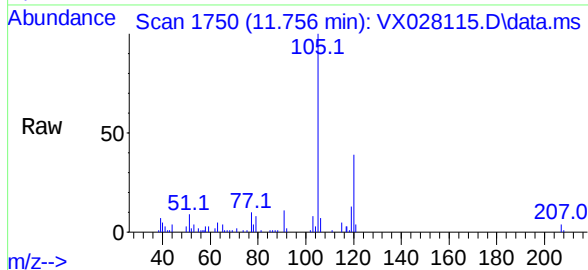
Abundance Scan 1750 (11.756 min): VX028049.D\data.ms (-1784) (-)



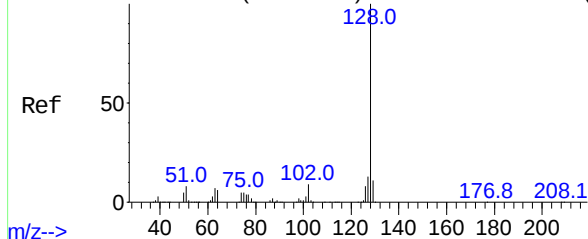
1,2,4-Trimethylbenzene
Concen: 1.072 ug/l
RT: 11.756 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VX028115.D
Acq: 14 Apr 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

Tgt Ion:105 Resp: 11105
Ion Ratio Lower Upper
105 100
120 42.2 22.6 67.8



Abundance Scan 2081 (13.774 min): VX028049.D\data.ms (-2095) (-)



Naphthalene
Concen: 5.011 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028115.D
Acq: 14 Apr 2022 18:21

Tgt Ion:128 Resp: 57035
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.7 13.1

