

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028131.D
 Acq On : 15 Apr 2022 14:26
 Operator : JC/MD
 Sample : N2431-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-2-1-GR

Quant Time: Apr 16 02:25:10 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)

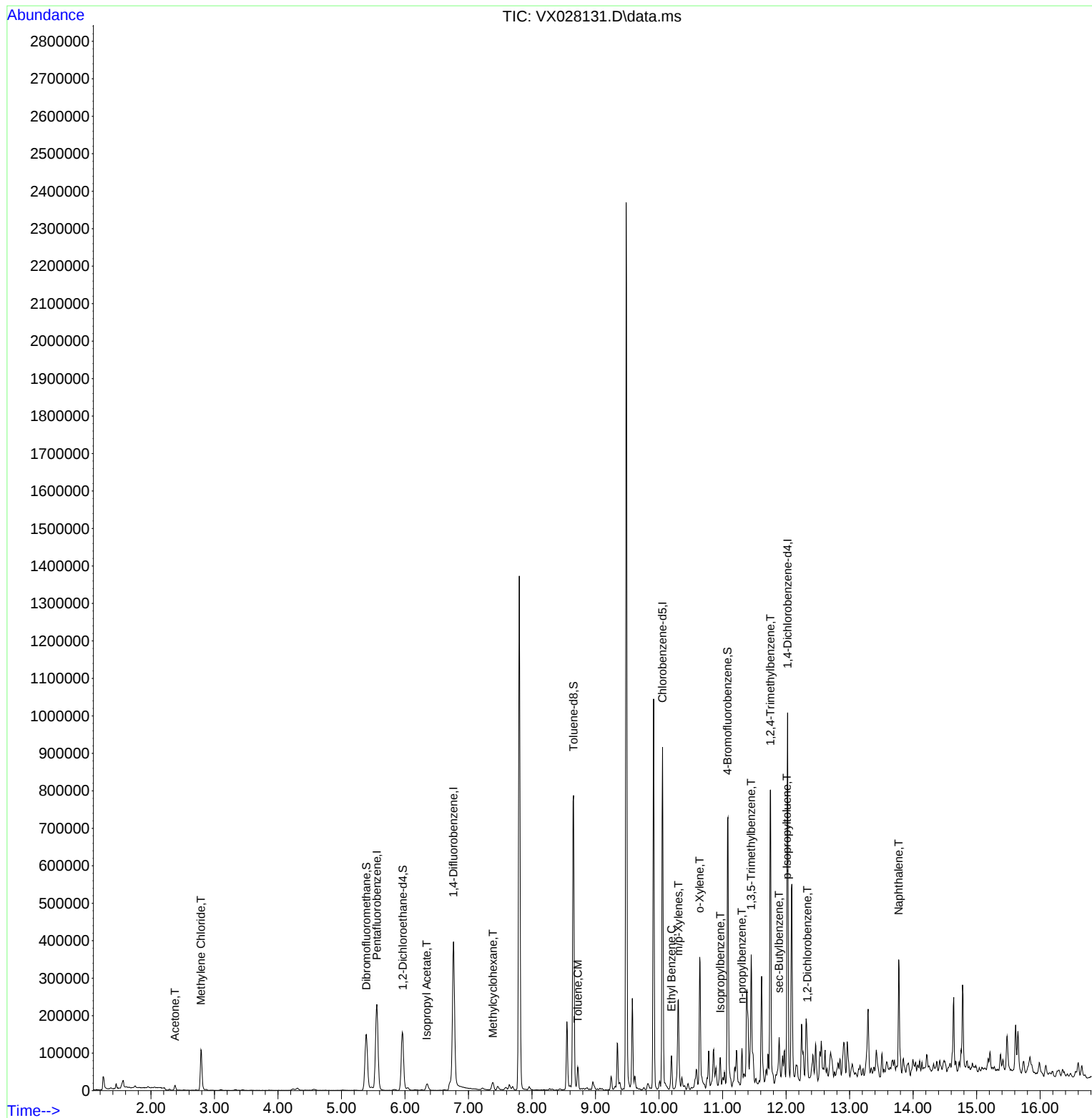
Internal Standards						
1) Pentafluorobenzene	5.556	168	220530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	383250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142745	47.711	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.420%
35) Dibromofluoromethane	5.391	113	125157	49.837	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.680%
50) Toluene-d8	8.653	98	472624	50.461	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	169726	48.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.060%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	14198	11.390	ug/l	93
20) Methylene Chloride	2.788	84	47571	19.160	ug/l	90
39) Methylcyclohexane	7.385	83	9523	2.102	ug/l	95
43) Isopropyl Acetate	6.342	43	20605	2.770	ug/l #	91
52) Toluene	8.720	92	22640	3.045	ug/l	98
67) Ethyl Benzene	10.195	91	48647	3.269	ug/l	97
68) m/p-Xylenes	10.305	106	53457	8.603	ug/l	98
69) o-Xylene	10.640	106	69329	11.477	ug/l	100
73) Isopropylbenzene	10.963	105	35537	2.693	ug/l	99
78) n-propylbenzene	11.305	91	56737	3.700	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	135933	11.925	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	334465	29.970	ug/l	97
85) sec-Butylbenzene	11.890	105	20205	1.435	ug/l	79
86) p-Isopropyltoluene	12.012	119	19993	1.676	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	8708	1.387	ug/l	94
95) Naphthalene	13.774	128	184232	15.030	ug/l	98

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

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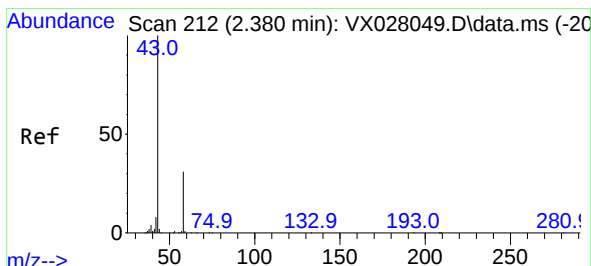
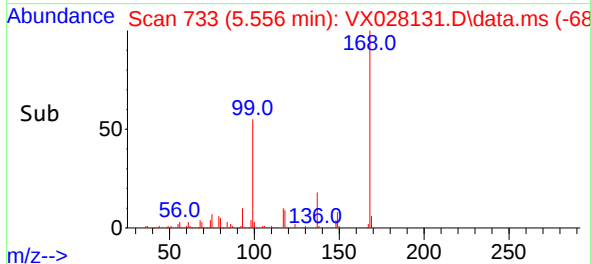
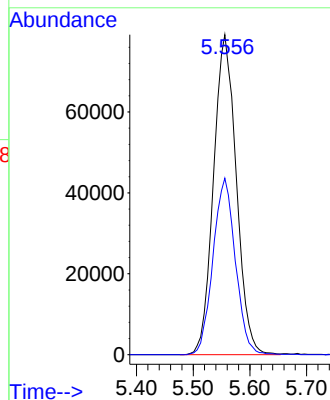
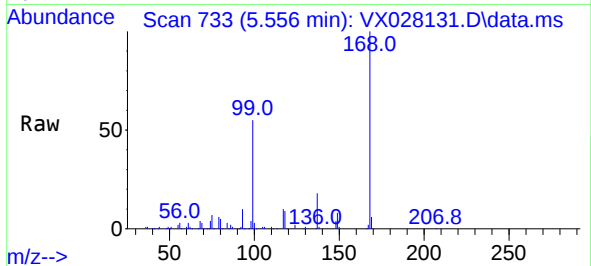




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

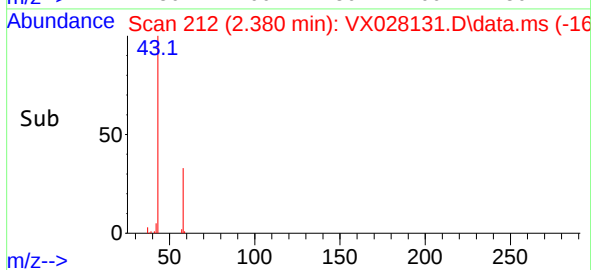
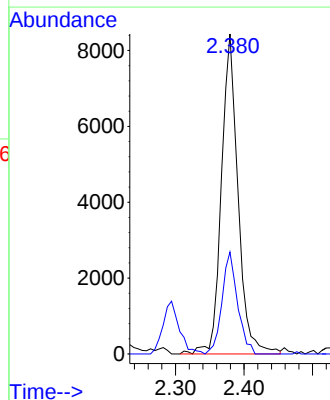
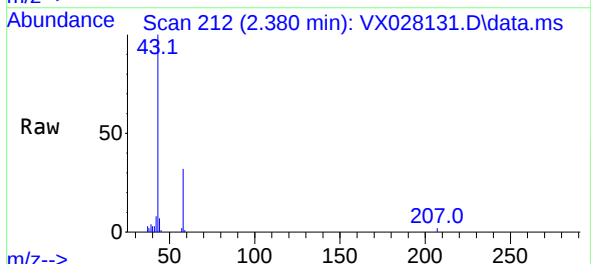
Instrument :
MSVOA_X
ClientSampleId :
WC-15-2-1-GR

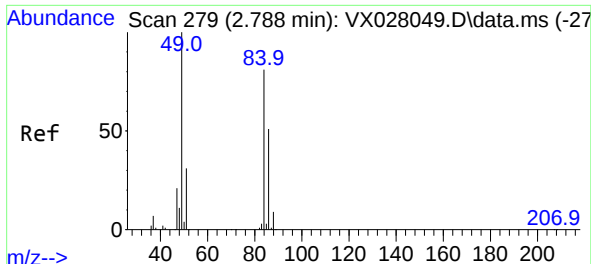
Tgt Ion:168 Resp: 220530
Ion Ratio Lower Upper
168 100
99 55.1 41.7 62.5



#16
Acetone
Concen: 11.390 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion: 43 Resp: 14198
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2



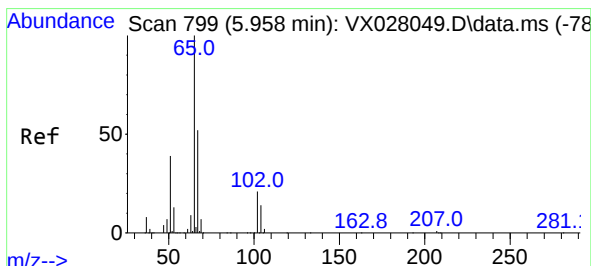
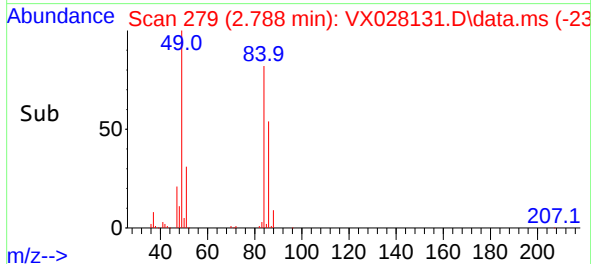
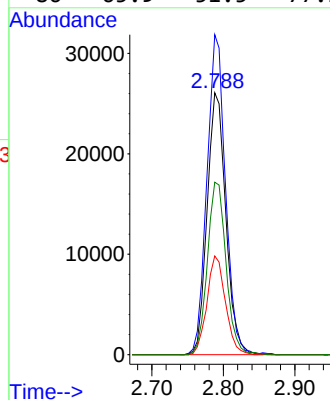
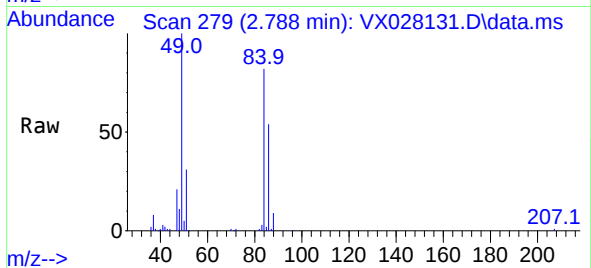


#20
Methylene Chloride
Concen: 19.160 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
WC-15-2-1-GR

Tgt Ion: 84 Resp: 47571

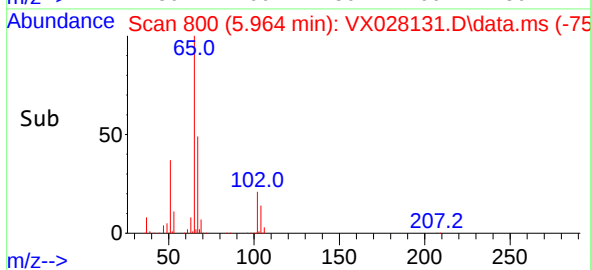
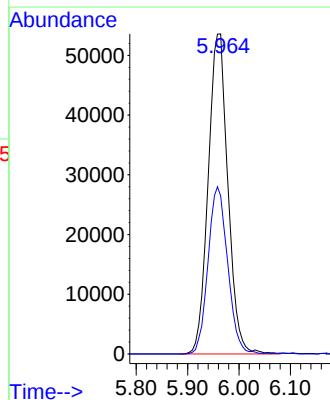
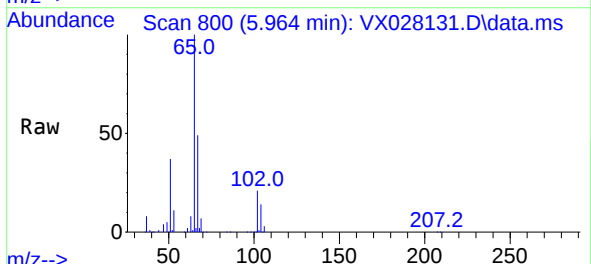
Ion	Ratio	Lower	Upper
84	100		
49	122.2	85.5	128.3
51	37.7	26.6	39.8
86	65.9	51.5	77.3

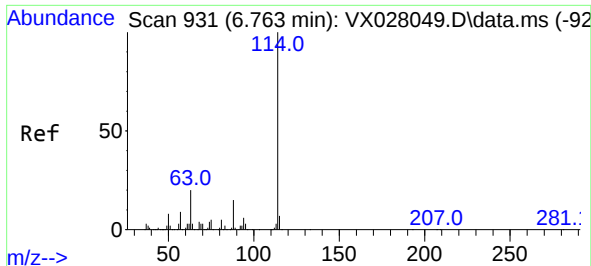


#33
1,2-Dichloroethane-d4
Concen: 47.711 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion: 65 Resp: 142745

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.4

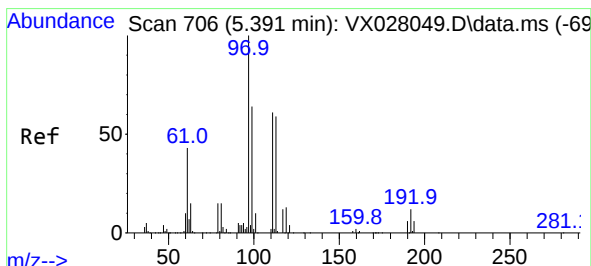
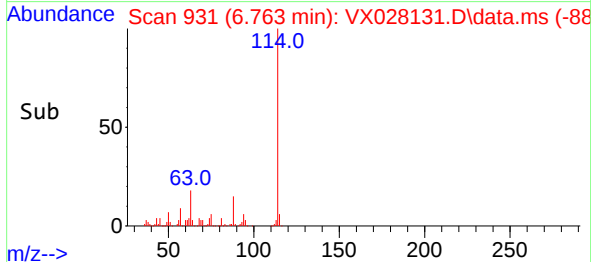
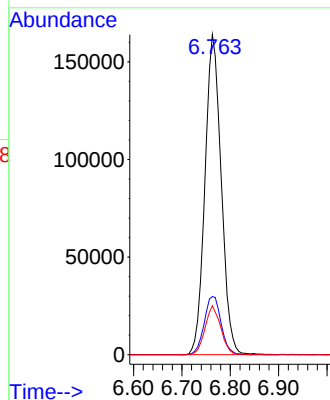
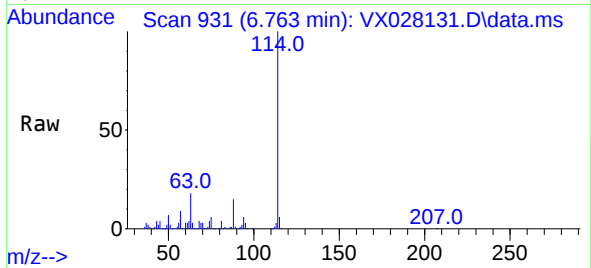




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

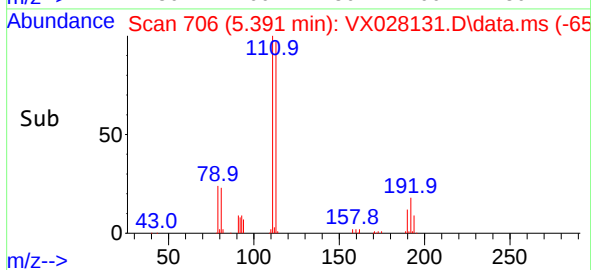
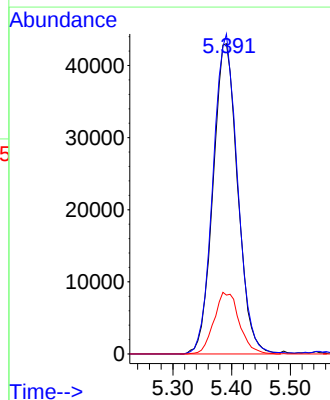
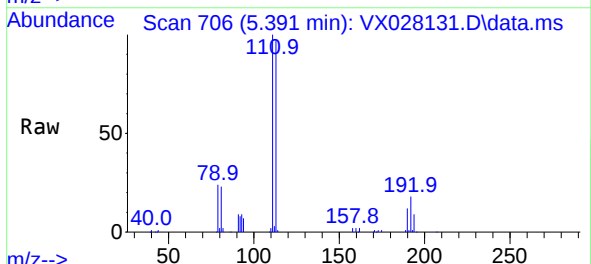
Instrument :
MSVOA_X
ClientSampleId :
WC-15-2-1-GR

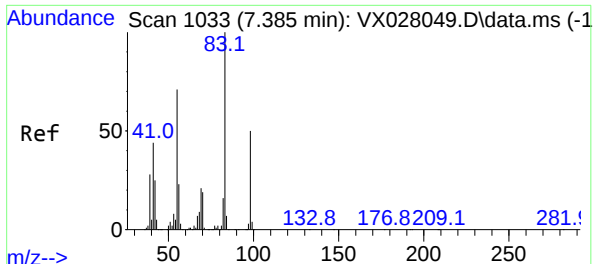
Tgt Ion:114 Resp: 383250
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.837 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion:113 Resp: 125157
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.3 16.9 25.3





#39

Methylcyclohexane

Concen: 2.102 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028131.D

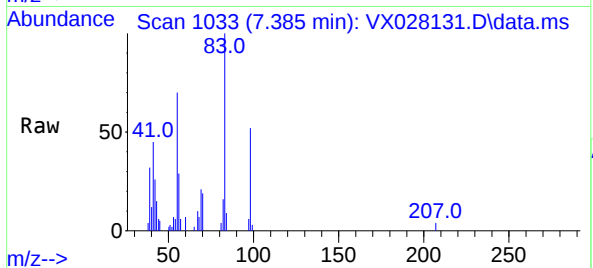
Acq: 15 Apr 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

WC-15-2-1-GR



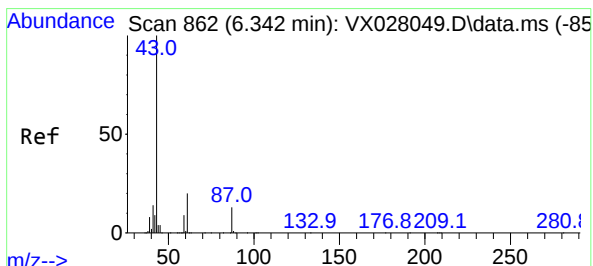
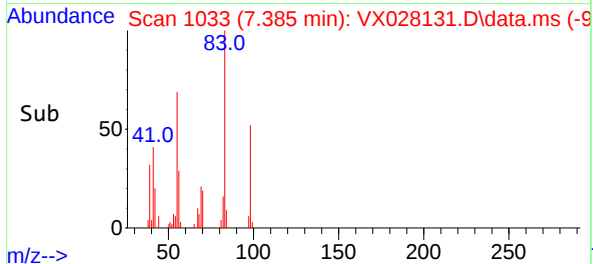
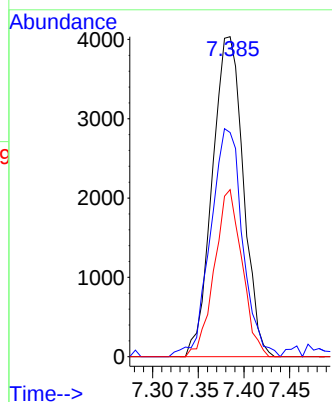
Tgt Ion: 83 Resp: 9523

Ion Ratio Lower Upper

83 100

55 70.0 54.6 81.8

98 52.2 37.4 56.2



#43

Isopropyl Acetate

Concen: 2.770 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX028131.D

Acq: 15 Apr 2022 14:26

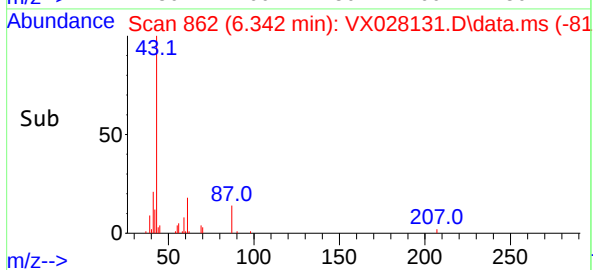
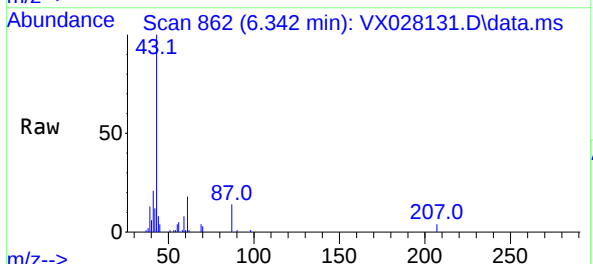
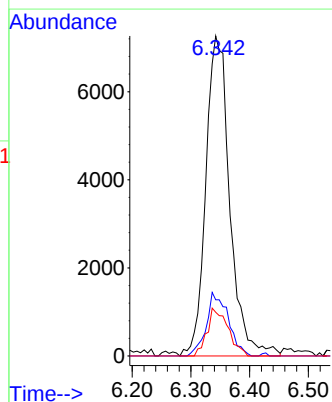
Tgt Ion: 43 Resp: 20605

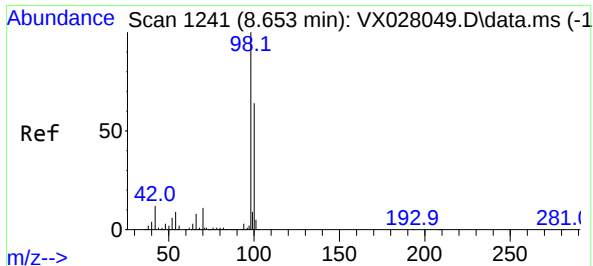
Ion Ratio Lower Upper

43 100

61 18.2 18.5 27.7#

87 13.1 13.0 19.6

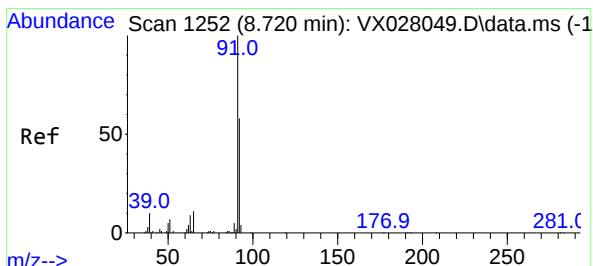
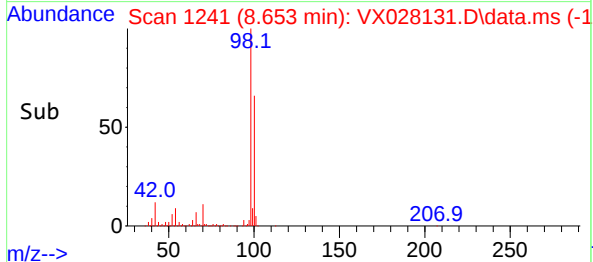
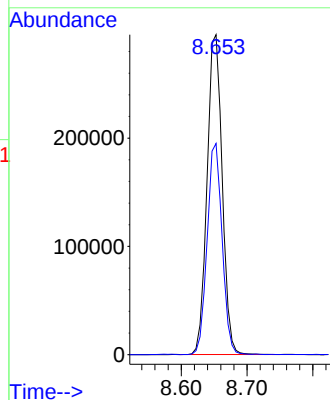
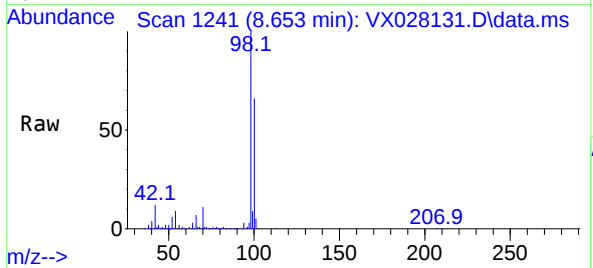




#50
Toluene-d8
Concen: 50.461 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

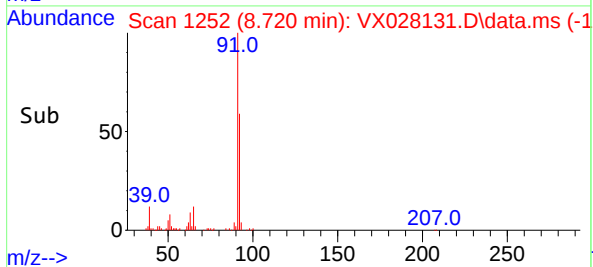
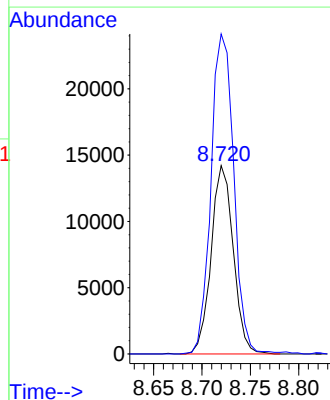
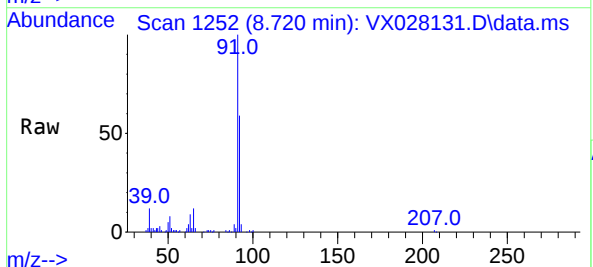
Instrument :
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ClientSampleId :
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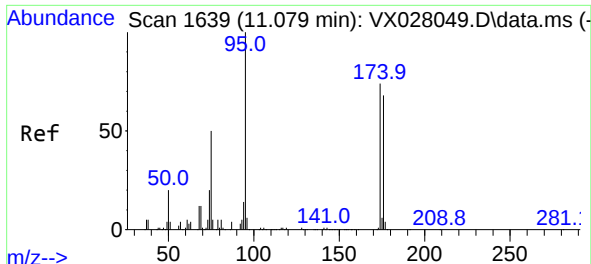
Tgt Ion: 98 Resp: 472624
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#52
Toluene
Concen: 3.045 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion: 92 Resp: 22640
Ion Ratio Lower Upper
92 100
91 175.3 137.5 206.3

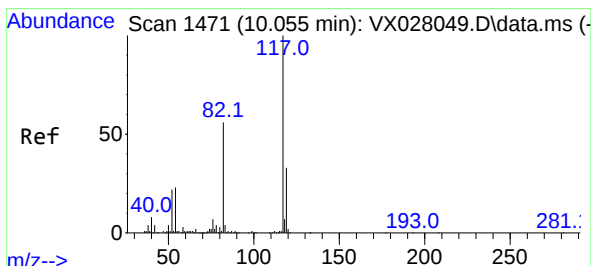
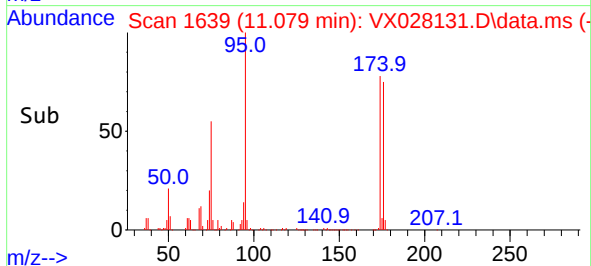
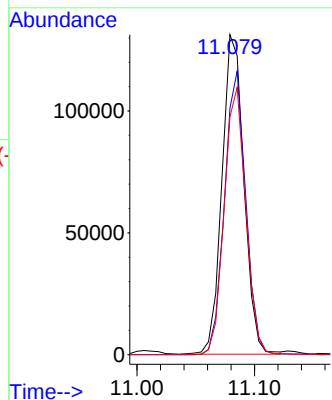
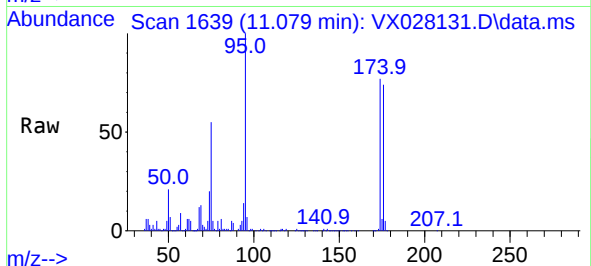




#62
4-Bromofluorobenzene
Concen: 48.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

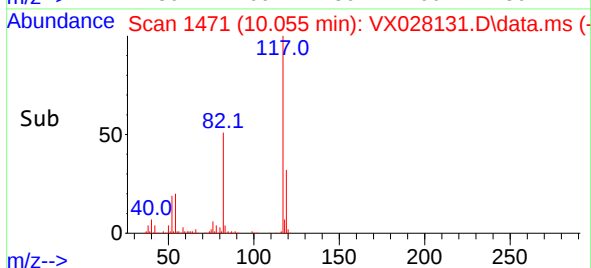
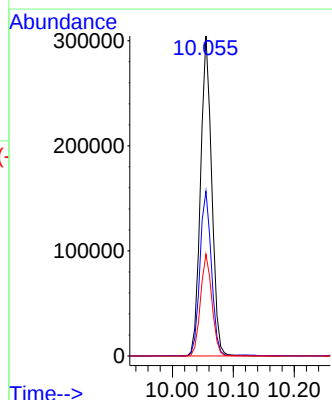
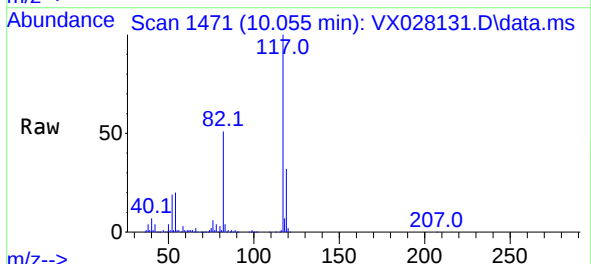
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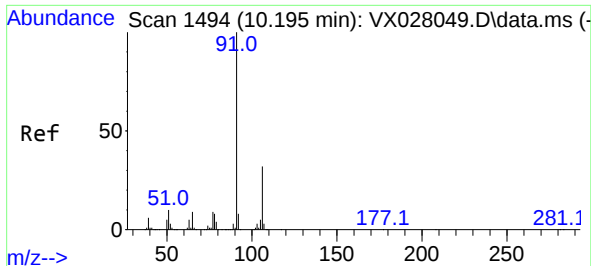
Tgt Ion: 95 Resp: 169726
Ion Ratio Lower Upper
95 100
174 86.4 0.0 163.0
176 82.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion: 117 Resp: 387297
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 31.8 24.8 37.2

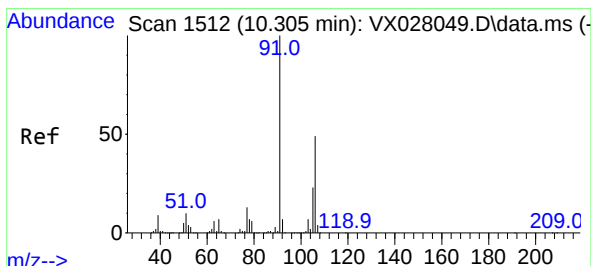
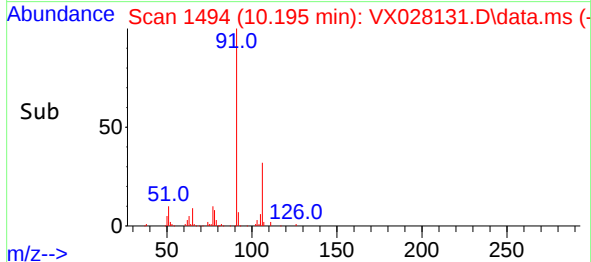
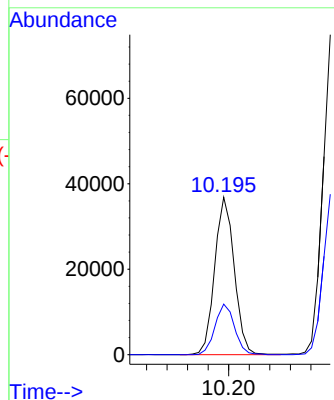
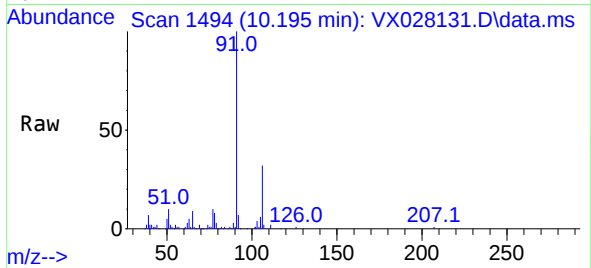




#67
Ethyl Benzene
Concen: 3.269 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

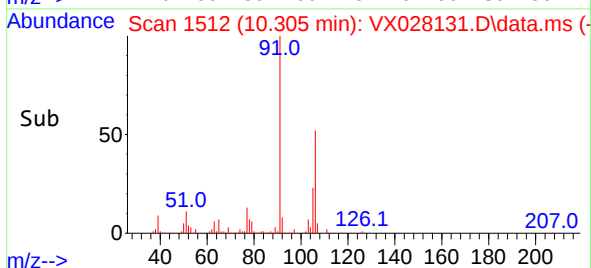
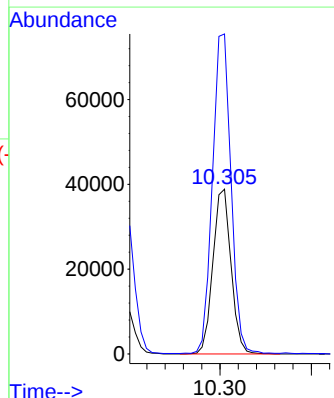
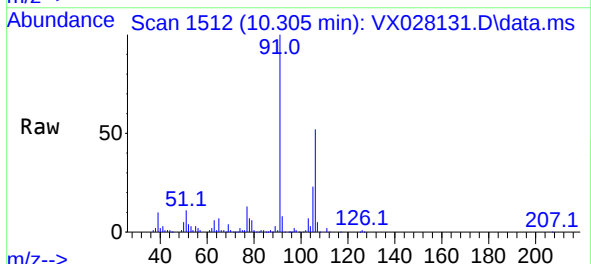
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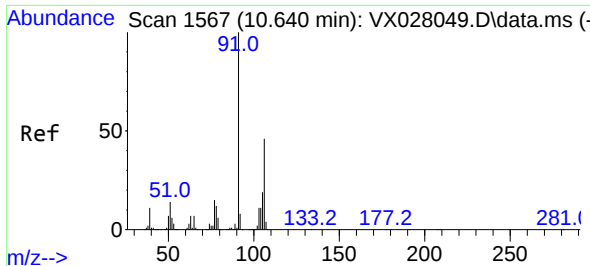
Tgt Ion: 91 Resp: 48647
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 8.603 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion: 106 Resp: 53457
Ion Ratio Lower Upper
106 100
91 198.1 160.4 240.6

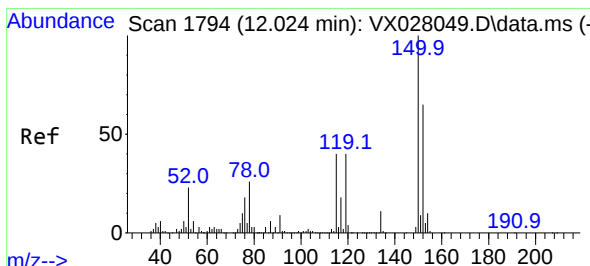
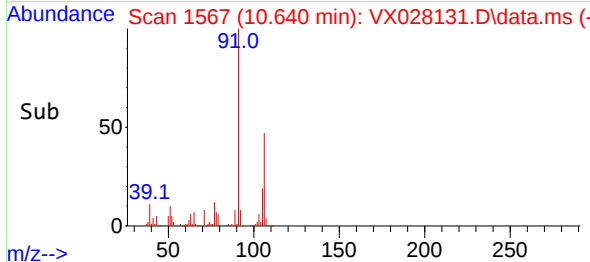
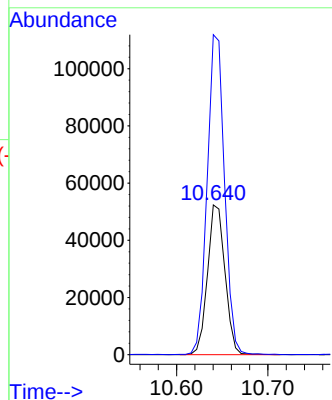
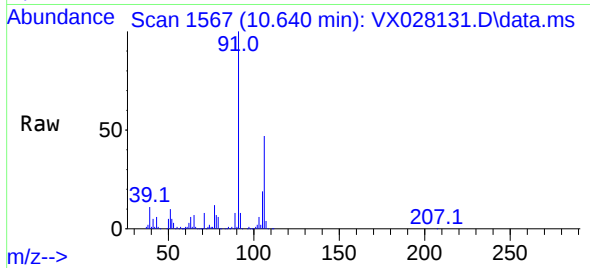




#69
o-Xylene
Concen: 11.477 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

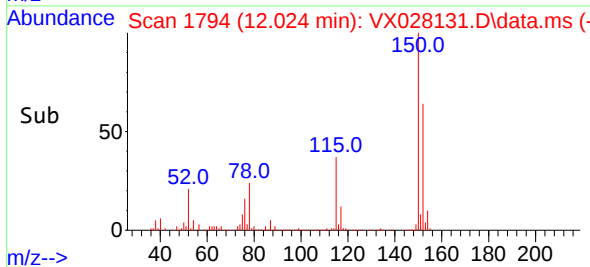
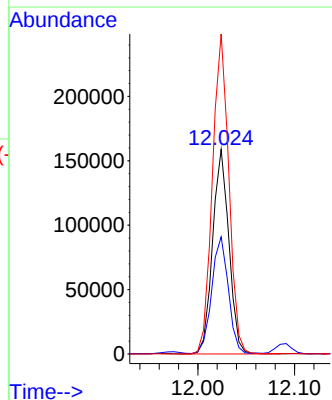
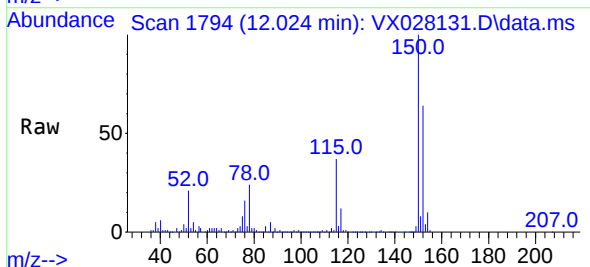
Instrument :
MSVOA_X
ClientSampleId :
WC-15-2-1-GR

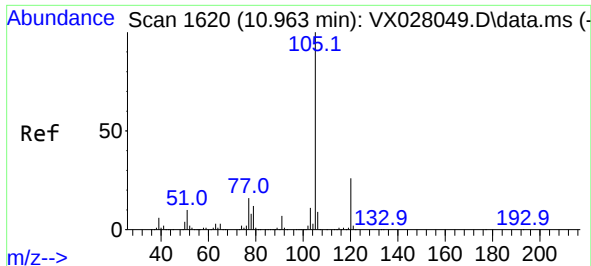
Tgt Ion:106 Resp: 69329
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion:152 Resp: 185752
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 157.6 0.0 338.2

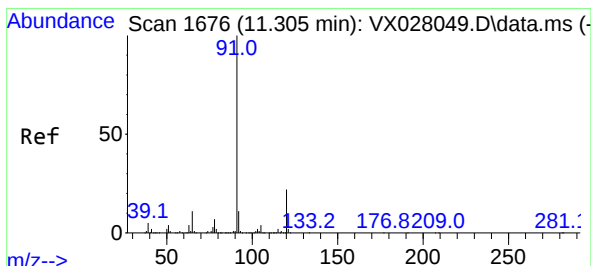
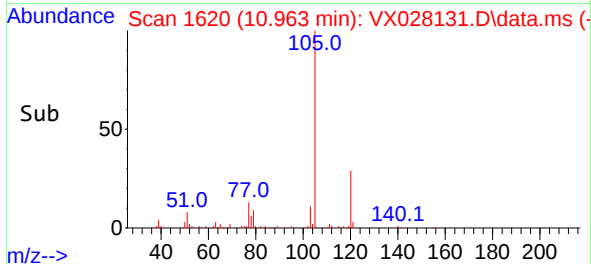
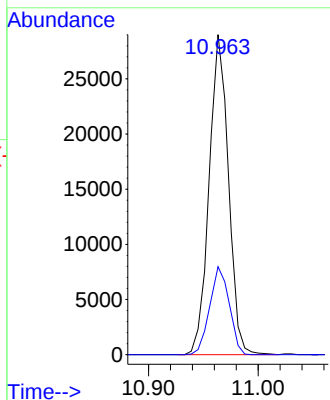
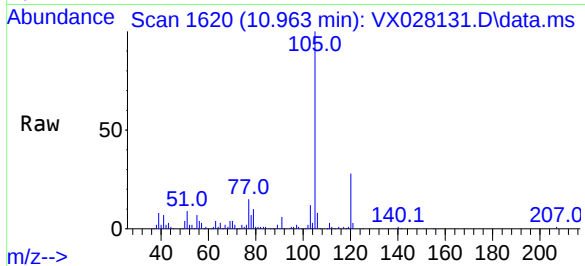




#73
Isopropylbenzene
Concen: 2.693 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

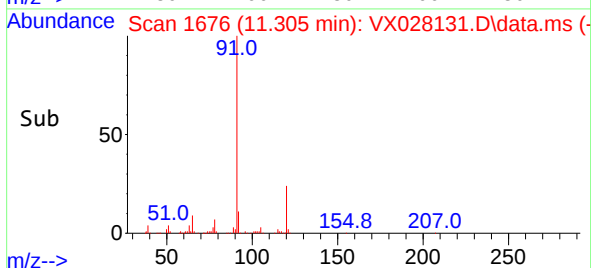
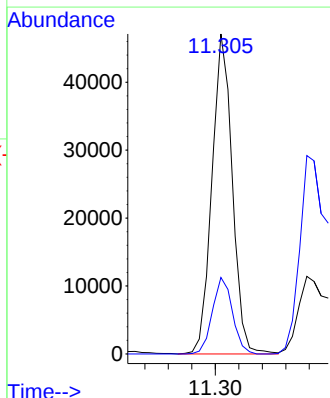
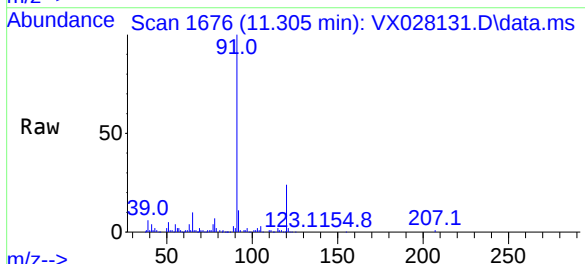
Instrument :
MSVOA_X
ClientSampleId :
WC-15-2-1-GR

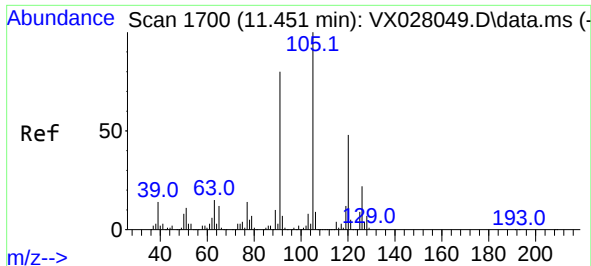
Tgt Ion:105 Resp: 35537
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5



#78
n-propylbenzene
Concen: 3.700 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion: 91 Resp: 56737
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8

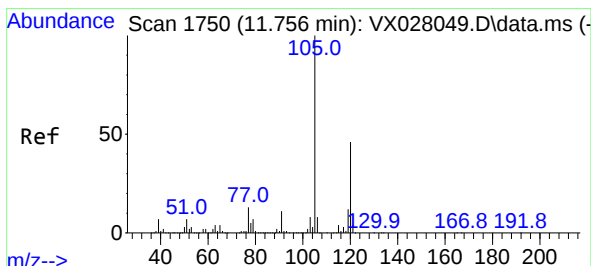
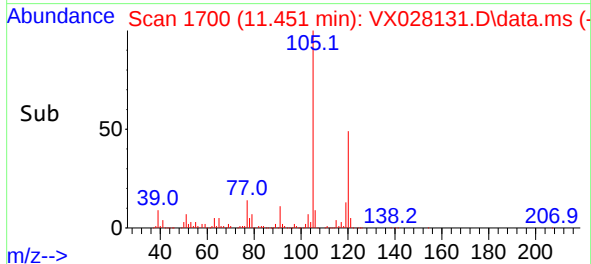
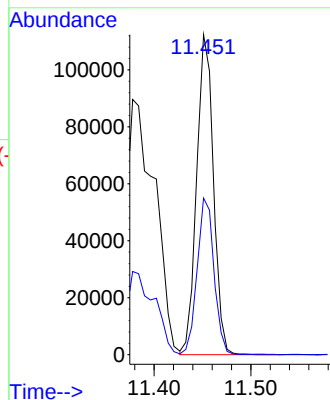
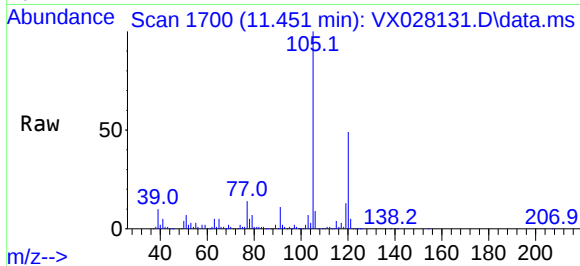




#80
1,3,5-Trimethylbenzene
Concen: 11.925 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

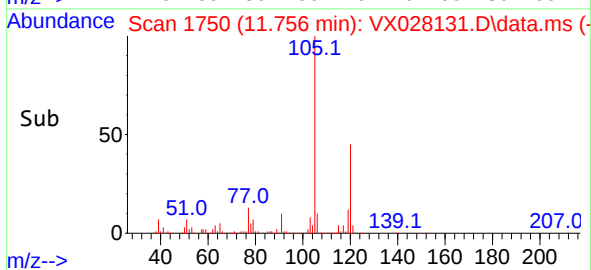
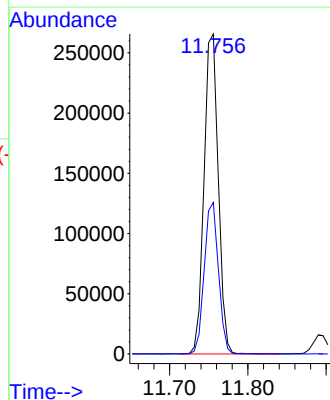
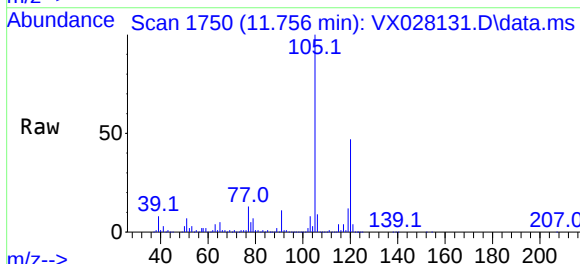
Instrument :
MSVOA_X
ClientSampleId :
WC-15-2-1-GR

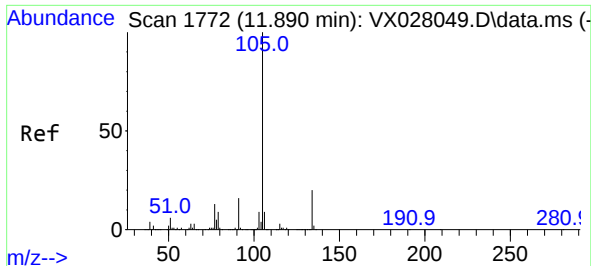
Tgt Ion:105 Resp: 135933
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 29.970 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion:105 Resp: 334465
Ion Ratio Lower Upper
105 100
120 47.4 22.6 67.8

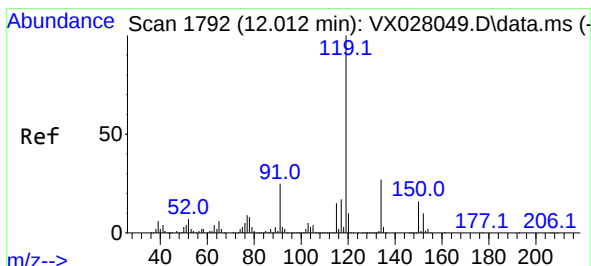
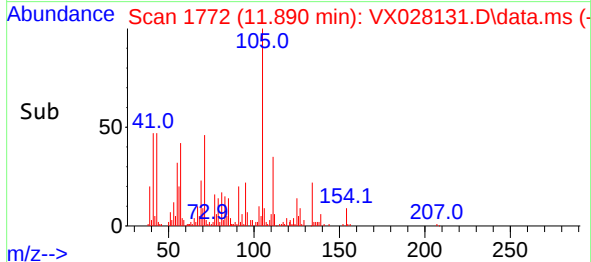
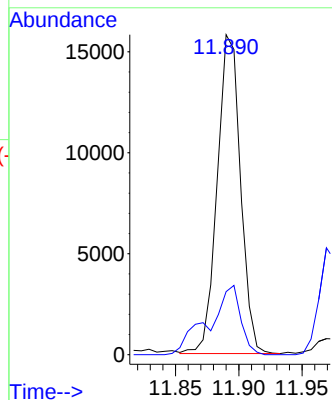
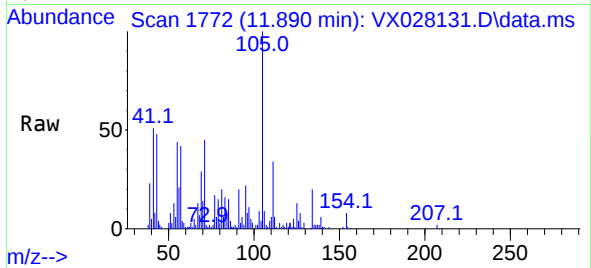




#85
 sec-Butylbenzene
 Concen: 1.435 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028131.D
 Acq: 15 Apr 2022 14:26

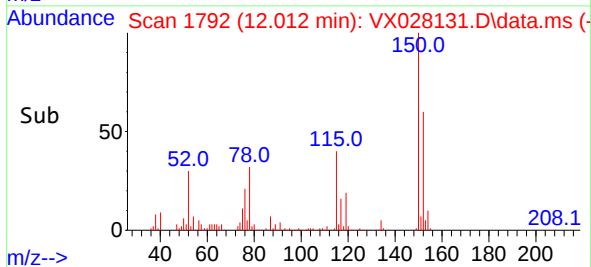
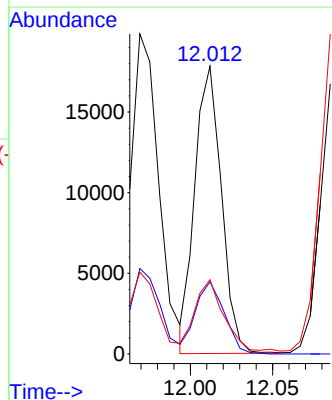
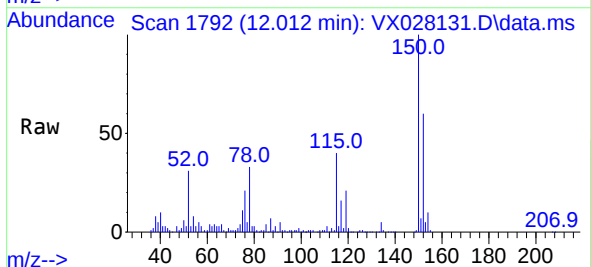
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-2-1-GR

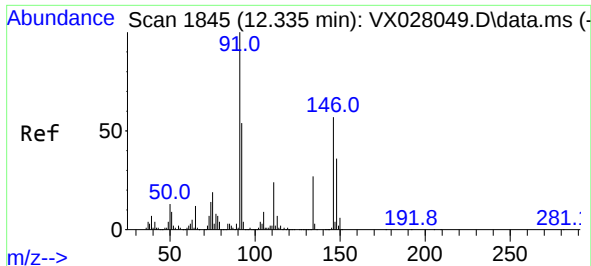
Tgt Ion:105 Resp: 20205
 Ion Ratio Lower Upper
 105 100
 134 30.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.676 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028131.D
 Acq: 15 Apr 2022 14:26

Tgt Ion:119 Resp: 19993
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 26.6 11.3 33.9

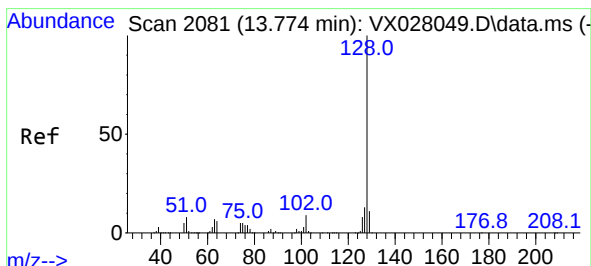
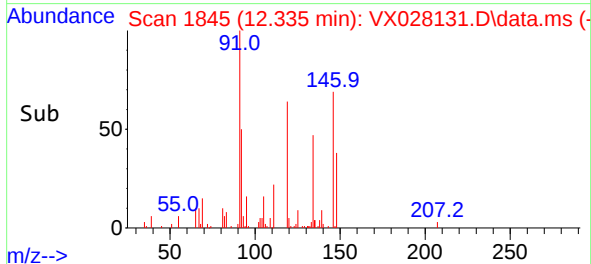
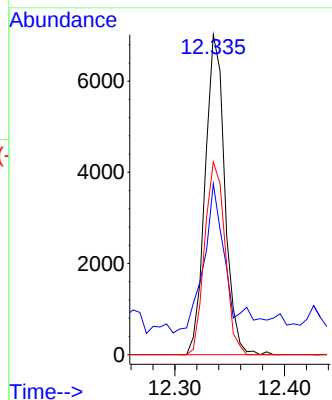
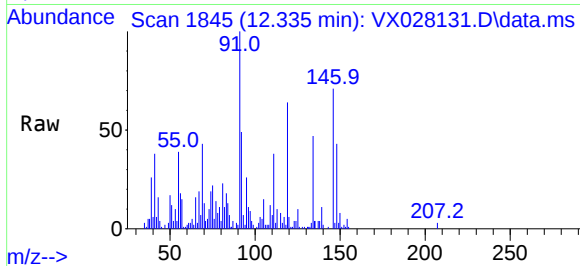




#91
1,2-Dichlorobenzene
Concen: 1.387 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
WC-15-2-1-GR

Tgt Ion:	146	Resp:	8708
Ion	Ratio	Lower	Upper
146	100		
111	48.3	21.0	63.0
148	62.3	32.6	97.7



#95
Naphthalene
Concen: 15.030 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028131.D
Acq: 15 Apr 2022 14:26

Tgt Ion:	128	Resp:	184232
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.6	8.7	13.1

