

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028745.D
 Acq On : 16 May 2022 20:36
 Operator : JC/MD
 Sample : N2806-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-8/9-1

Quant Time: May 17 03:42:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

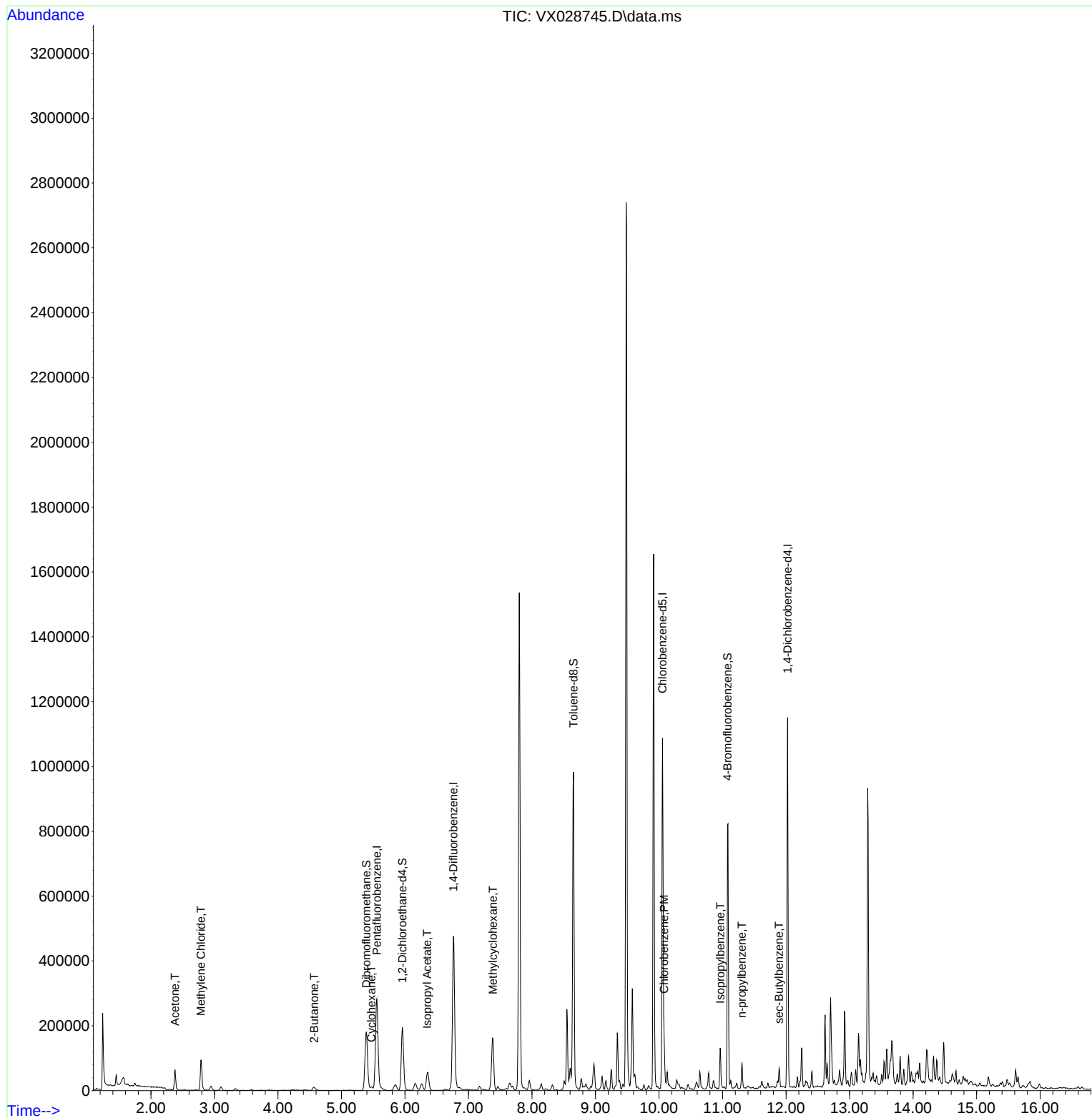
Internal Standards						
1) Pentafluorobenzene	5.556	168	261080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	475227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	460856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183121	51.168	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.340%	
35) Dibromofluoromethane	5.391	113	153840	49.409	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.820%	
50) Toluene-d8	8.653	98	575978	49.066	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	11.079	95	223145	50.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	64764	42.166	ug/l	92
20) Methylene Chloride	2.788	84	40925	12.700	ug/l	93
25) 2-Butanone	4.568	43	16627	6.897	ug/l	98
31) Cyclohexane	5.471	56	7304	1.470	ug/l #	89
39) Methylcyclohexane	7.385	83	71880	13.403	ug/l	97
43) Isopropyl Acetate	6.348	43	24913	3.260	ug/l #	92
65) Chlorobenzene	10.079	112	54238	5.548	ug/l	98
73) Isopropylbenzene	10.963	105	62928	3.825	ug/l	98
78) n-propylbenzene	11.305	91	47611	2.502	ug/l	98
85) sec-Butylbenzene	11.890	105	29979	1.831	ug/l	86

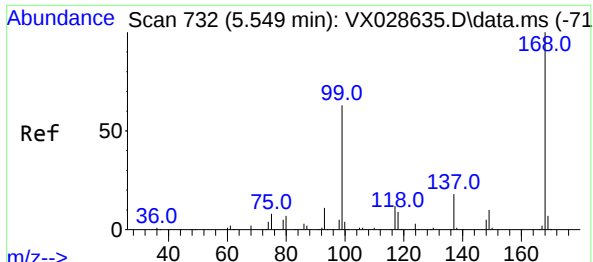
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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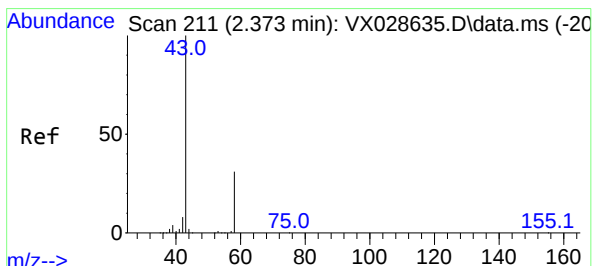
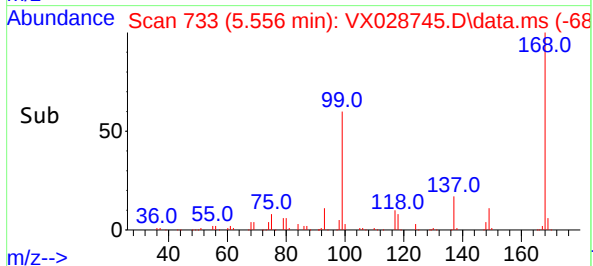
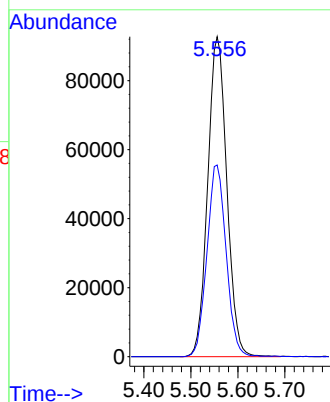
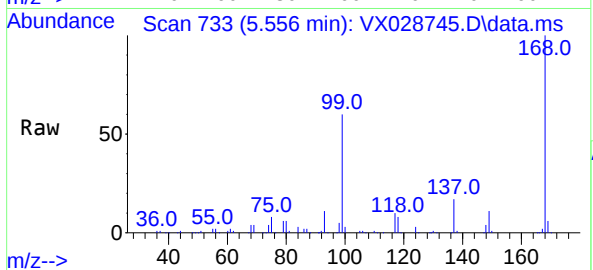




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

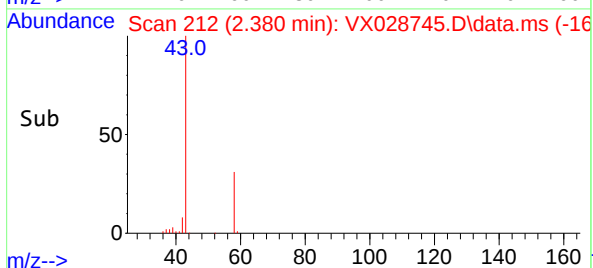
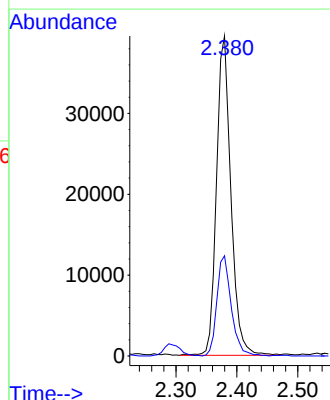
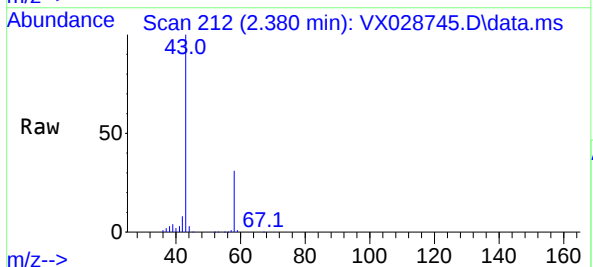
Instrument :
MSVOA_X
ClientSampleId :
WC-8/9-1

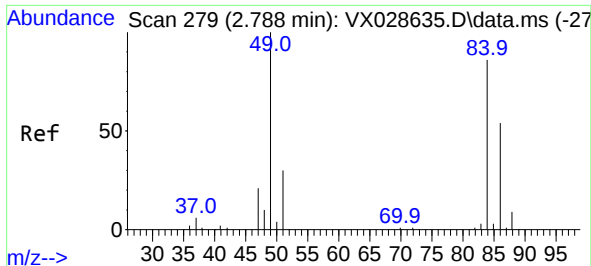
Tgt Ion:168 Resp: 261080
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#16
Acetone
Concen: 42.166 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion: 43 Resp: 64764
Ion Ratio Lower Upper
43 100
58 31.2 28.8 43.2

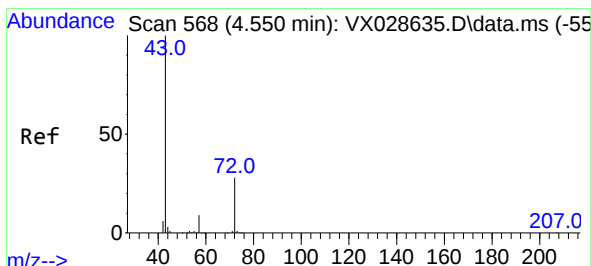
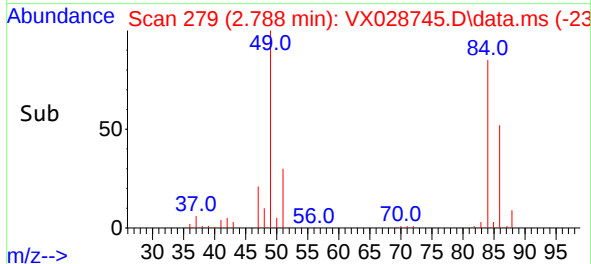
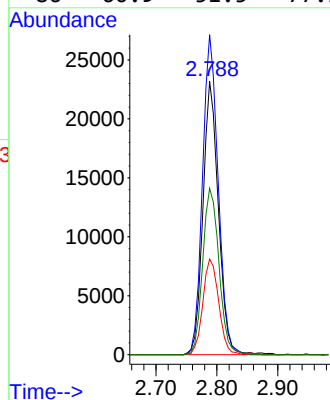
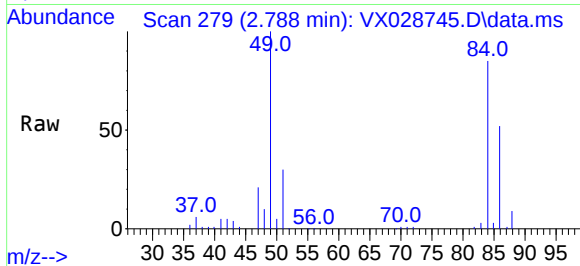




#20
Methylene Chloride
Concen: 12.700 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

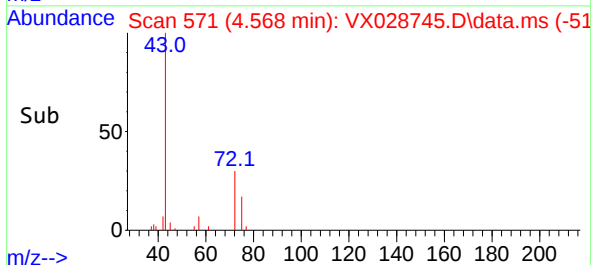
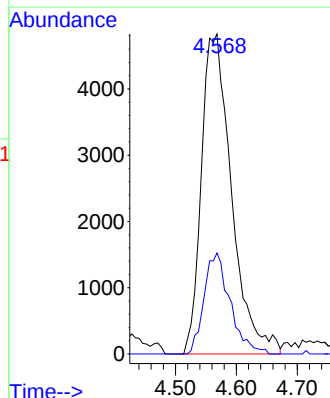
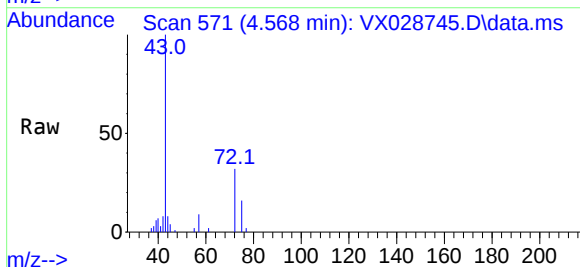
Instrument :
MSVOA_X
ClientSampleId :
WC-8/9-1

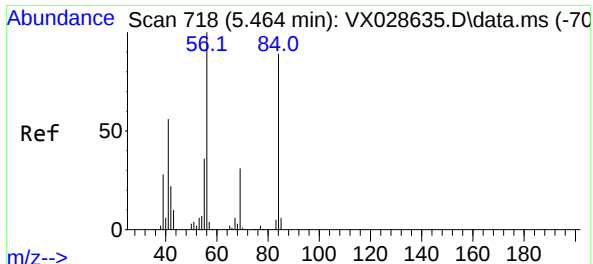
Tgt Ion:	84	Resp:	40925
Ion	Ratio	Lower	Upper
84	100		
49	117.1	85.5	128.3
51	35.0	26.6	39.8
86	60.9	51.5	77.3



#25
2-Butanone
Concen: 6.897 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion:	43	Resp:	16627
Ion	Ratio	Lower	Upper
43	100		
72	31.6	24.4	36.6

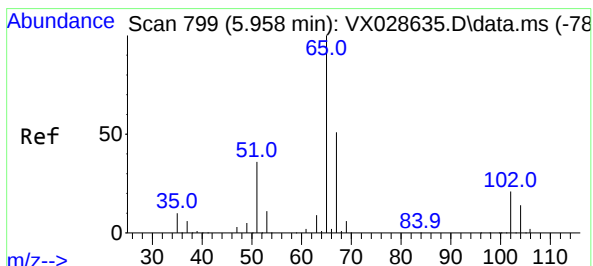
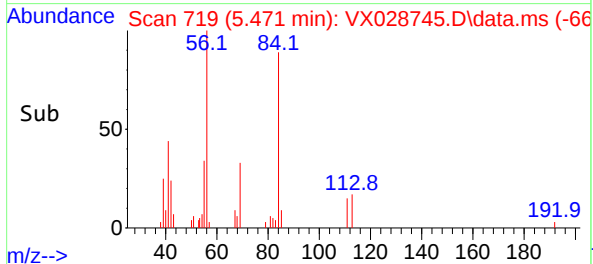
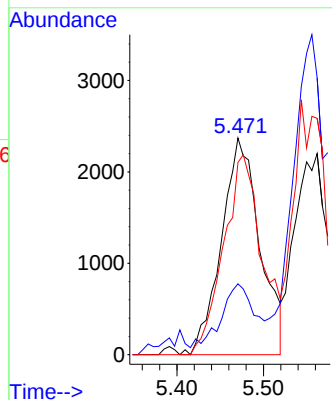
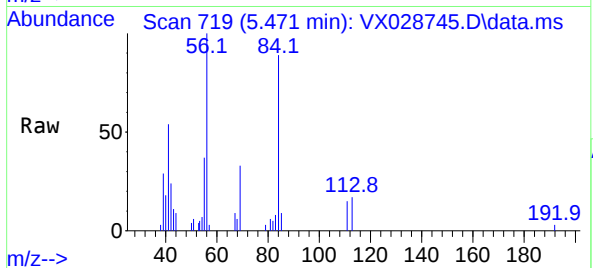




#31
Cyclohexane
Concen: 1.470 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

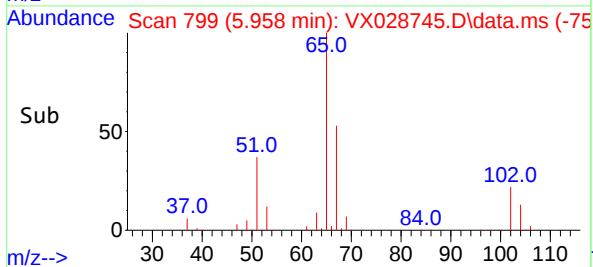
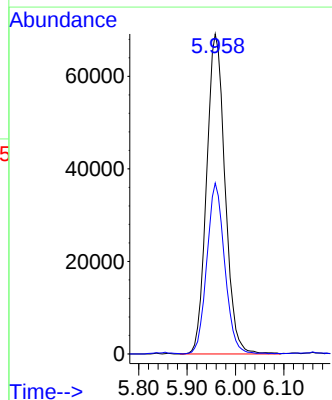
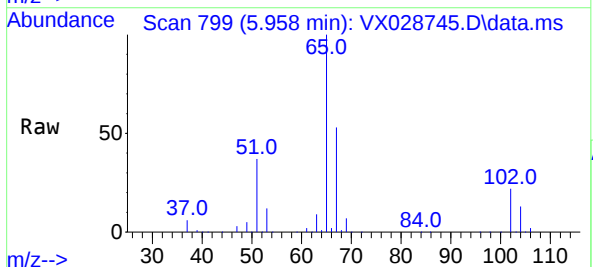
Instrument :
MSVOA_X
ClientSampleId :
WC-8/9-1

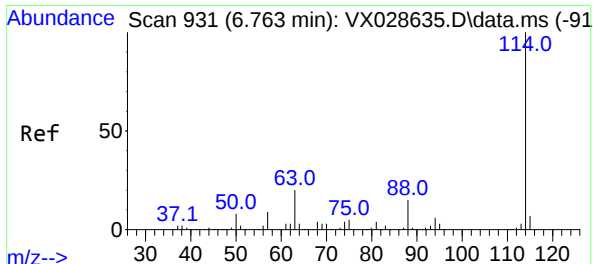
Tgt Ion: 56 Resp: 7304
Ion Ratio Lower Upper
56 100
69 21.3 26.7 40.1#
84 88.7 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.168 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion: 65 Resp: 183121
Ion Ratio Lower Upper
65 100
67 51.8 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: VX028745.D

Acq: 16 May 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

WC-8/9-1

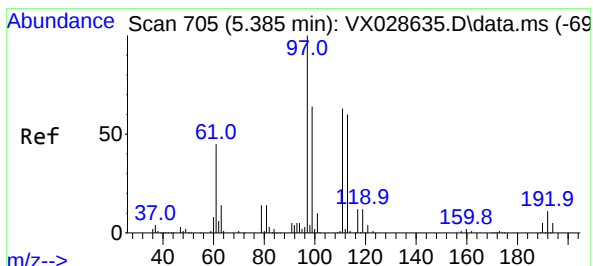
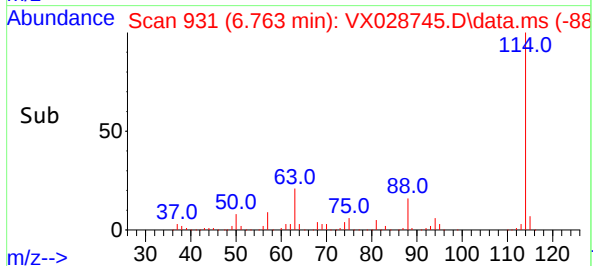
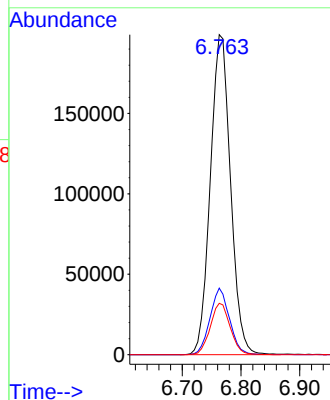
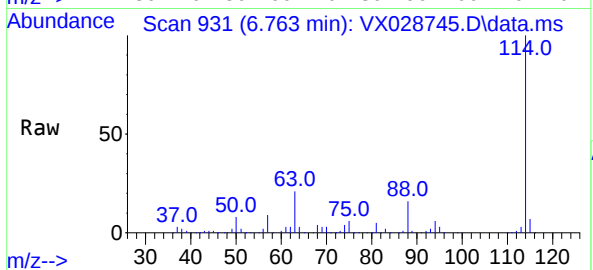
Tgt Ion:114 Resp: 475227

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.8

88 16.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 49.409 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX028745.D

Acq: 16 May 2022 20:36

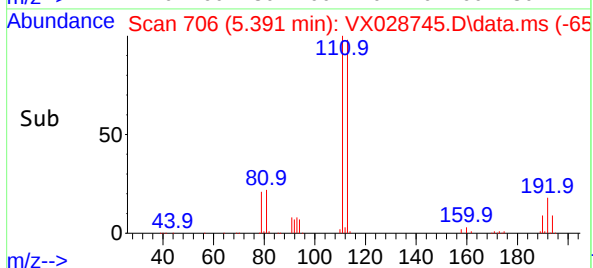
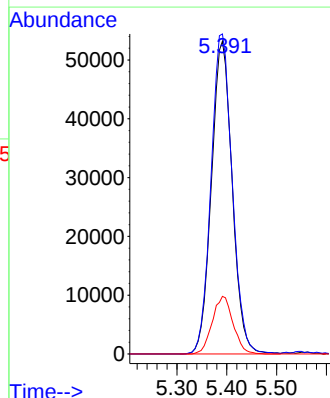
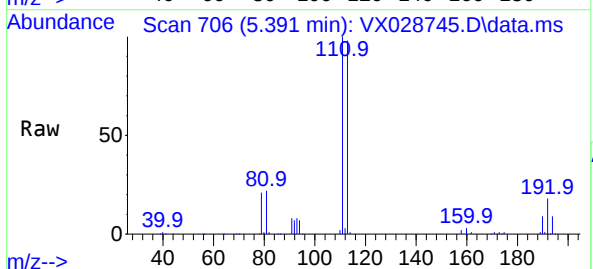
Tgt Ion:113 Resp: 153840

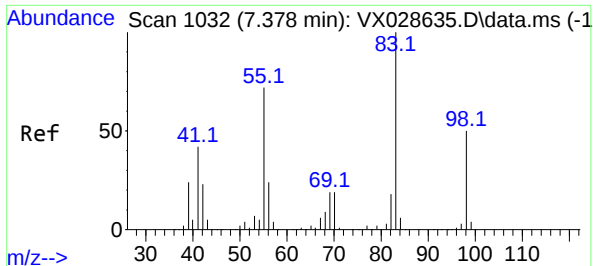
Ion Ratio Lower Upper

113 100

111 104.2 82.8 124.2

192 18.4 16.9 25.3

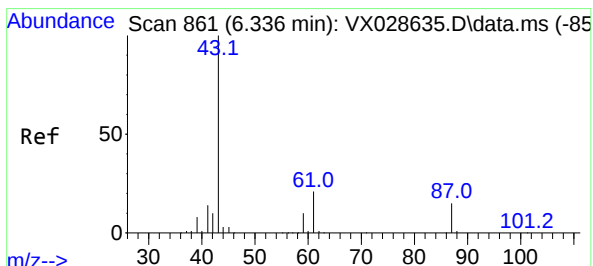
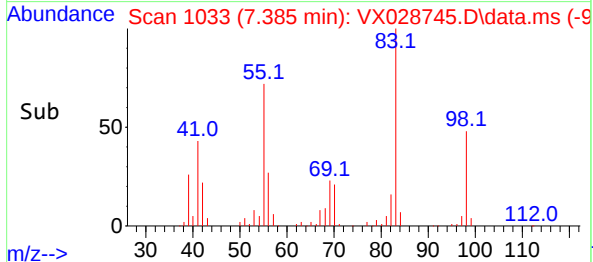
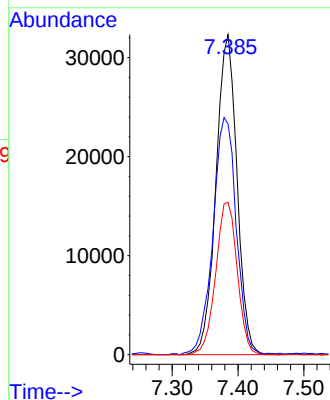
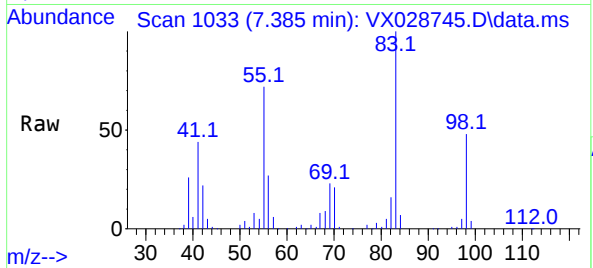




#39
Methylcyclohexane
Concen: 13.403 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.007 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

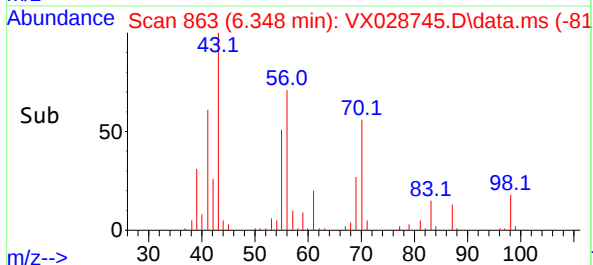
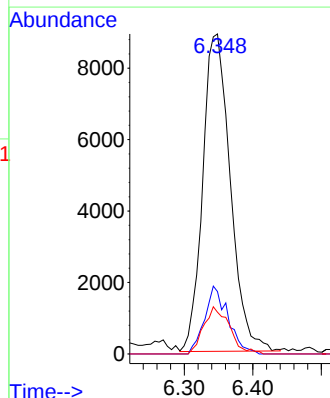
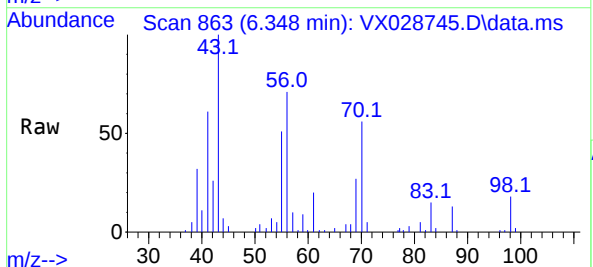
Instrument :
MSVOA_X
ClientSampleId :
WC-8/9-1

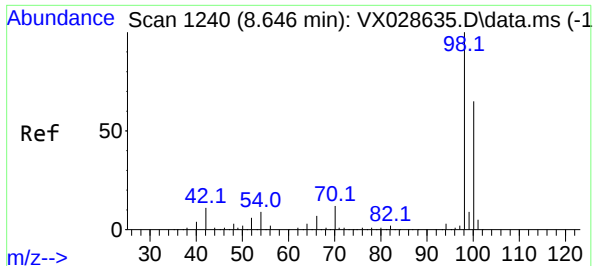
Tgt Ion: 83	Resp:	71880
Ion	Ratio	Lower Upper
83	100	
55	72.1	54.6 81.8
98	47.6	37.4 56.2



#43
Isopropyl Acetate
Concen: 3.260 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion: 43	Resp:	24913
Ion	Ratio	Lower Upper
43	100	
61	18.2	18.5 27.7#
87	13.9	13.0 19.6

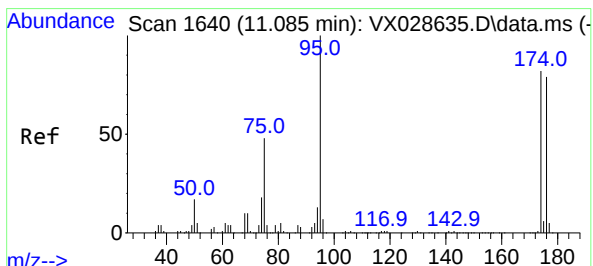
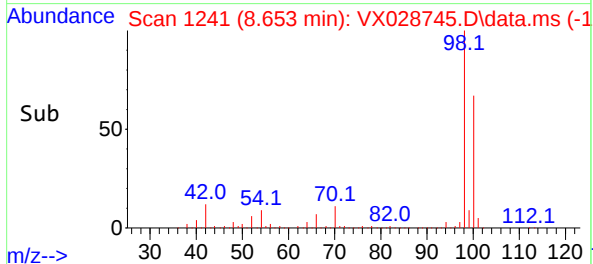
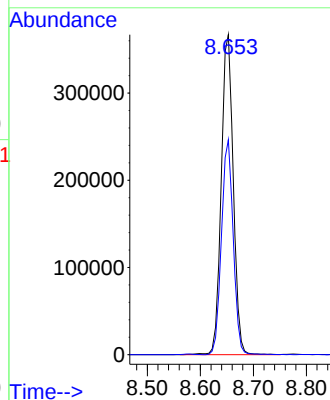
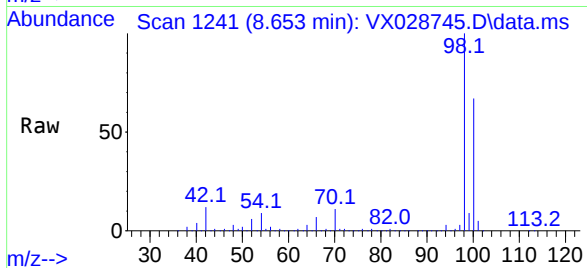




#50
Toluene-d8
Concen: 49.066 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

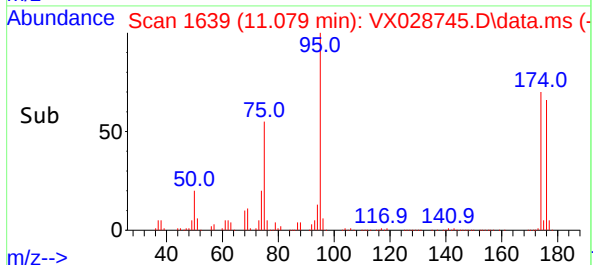
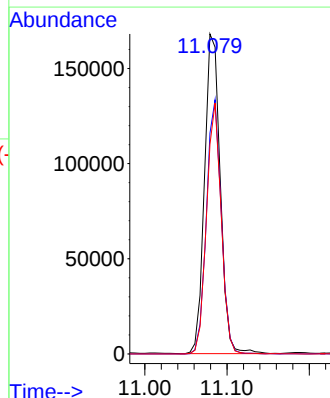
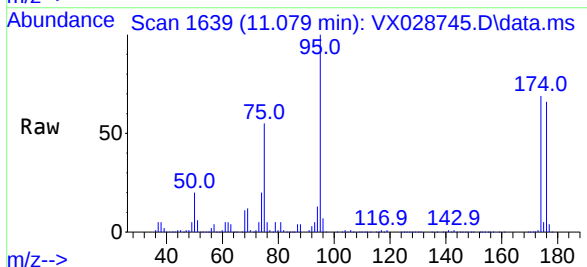
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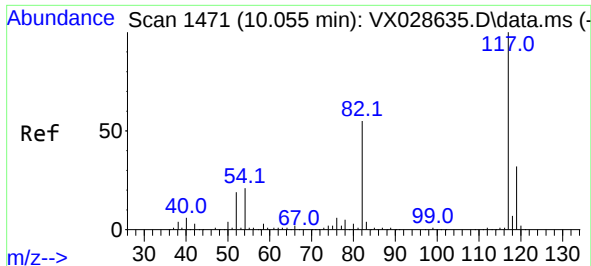
Tgt Ion: 98 Resp: 575978
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion: 95 Resp: 223145
Ion Ratio Lower Upper
95 100
174 74.9 0.0 163.0
176 73.3 0.0 155.0

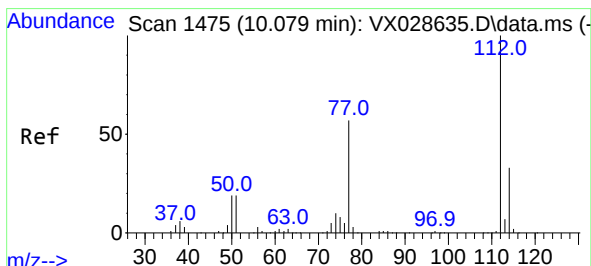
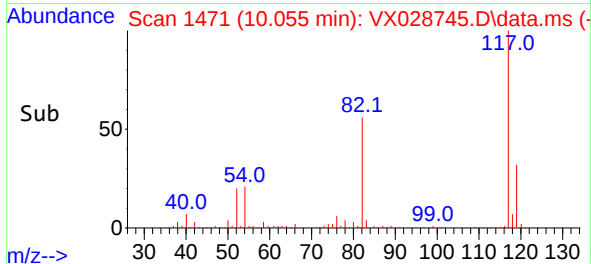
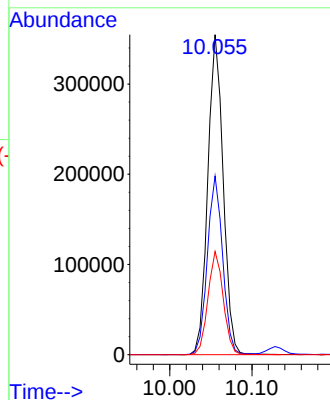
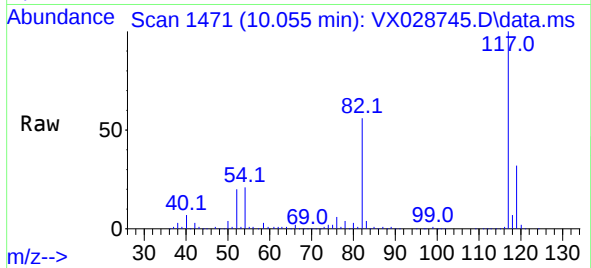




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

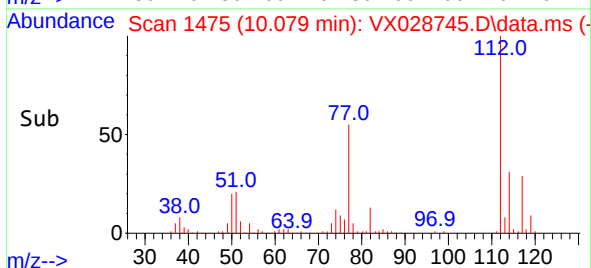
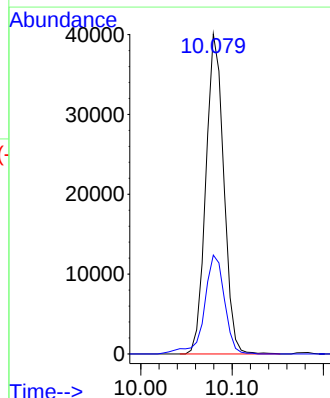
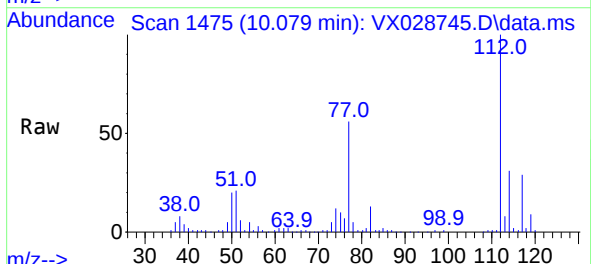
Instrument :
MSVOA_X
ClientSampleId :
WC-8/9-1

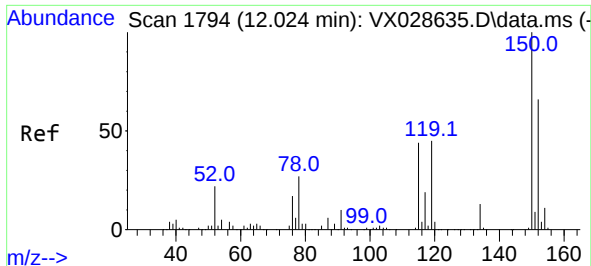
Tgt Ion:117 Resp: 460856
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.3 24.8 37.2



#65
Chlorobenzene
Concen: 5.548 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion:112 Resp: 54238
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8

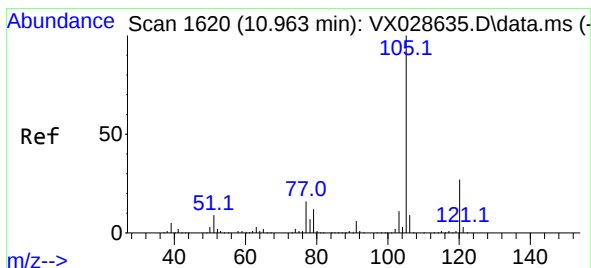
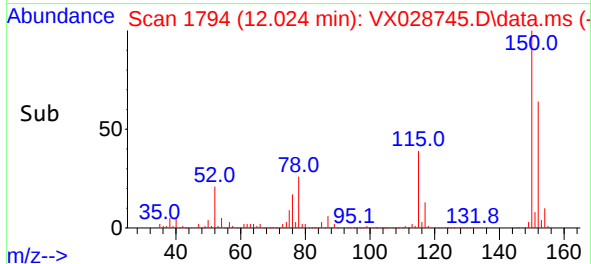
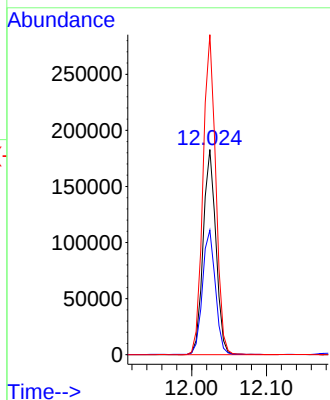
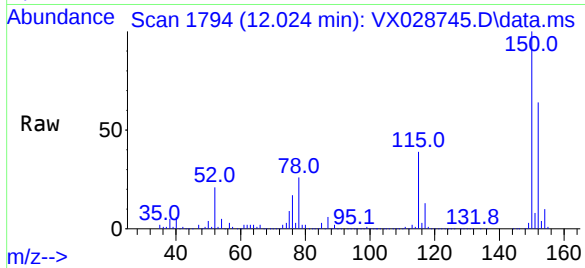




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

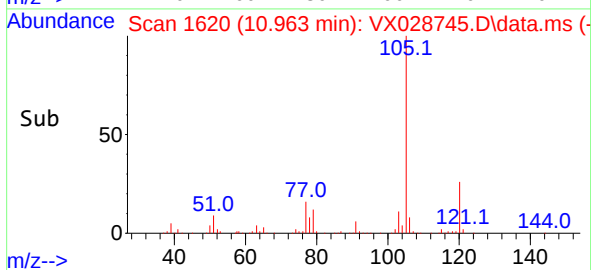
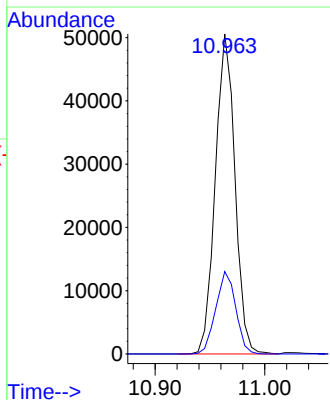
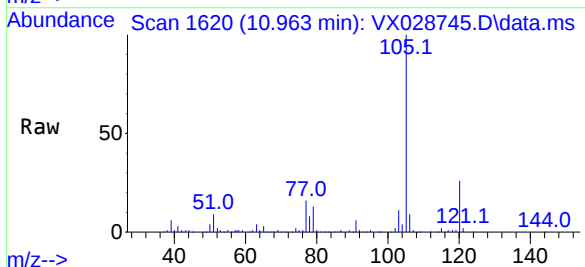
Instrument :
MSVOA_X
ClientSampleId :
WC-8/9-1

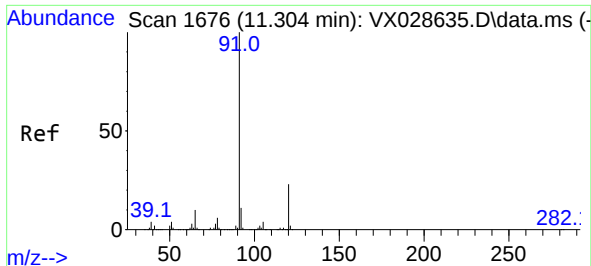
Tgt Ion:152 Resp: 216926
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 156.1 0.0 338.2



#73
Isopropylbenzene
Concen: 3.825 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion:105 Resp: 62928
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5

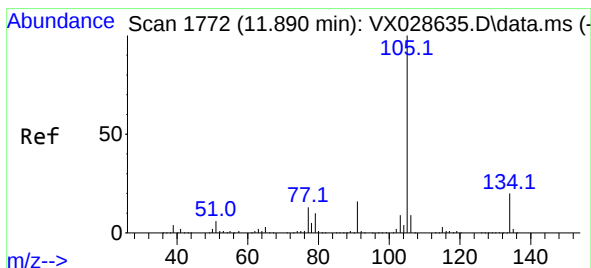
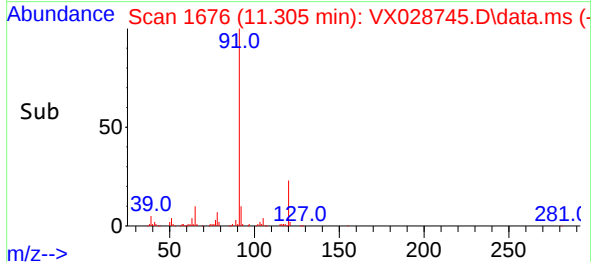
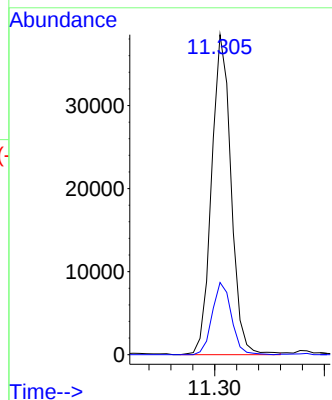
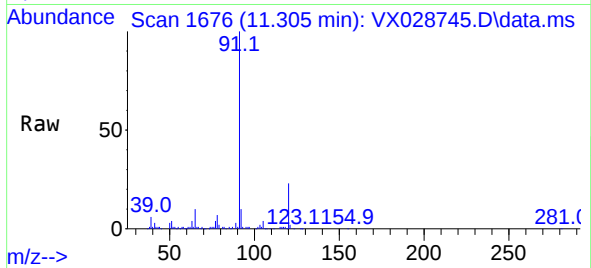




#78
n-propylbenzene
Concen: 2.502 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :
WC-8/9-1

Tgt Ion: 91 Resp: 47611
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8



#85
sec-Butylbenzene
Concen: 1.831 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028745.D
Acq: 16 May 2022 20:36

Tgt Ion: 105 Resp: 29979
Ion Ratio Lower Upper
105 100
134 26.7 10.2 30.4

