

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033092.D
 Acq On : 28 Nov 2022 15:39
 Operator : JC/MD
 Sample : VX1128WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1128WBL02

Quant Time: Nov 29 03:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

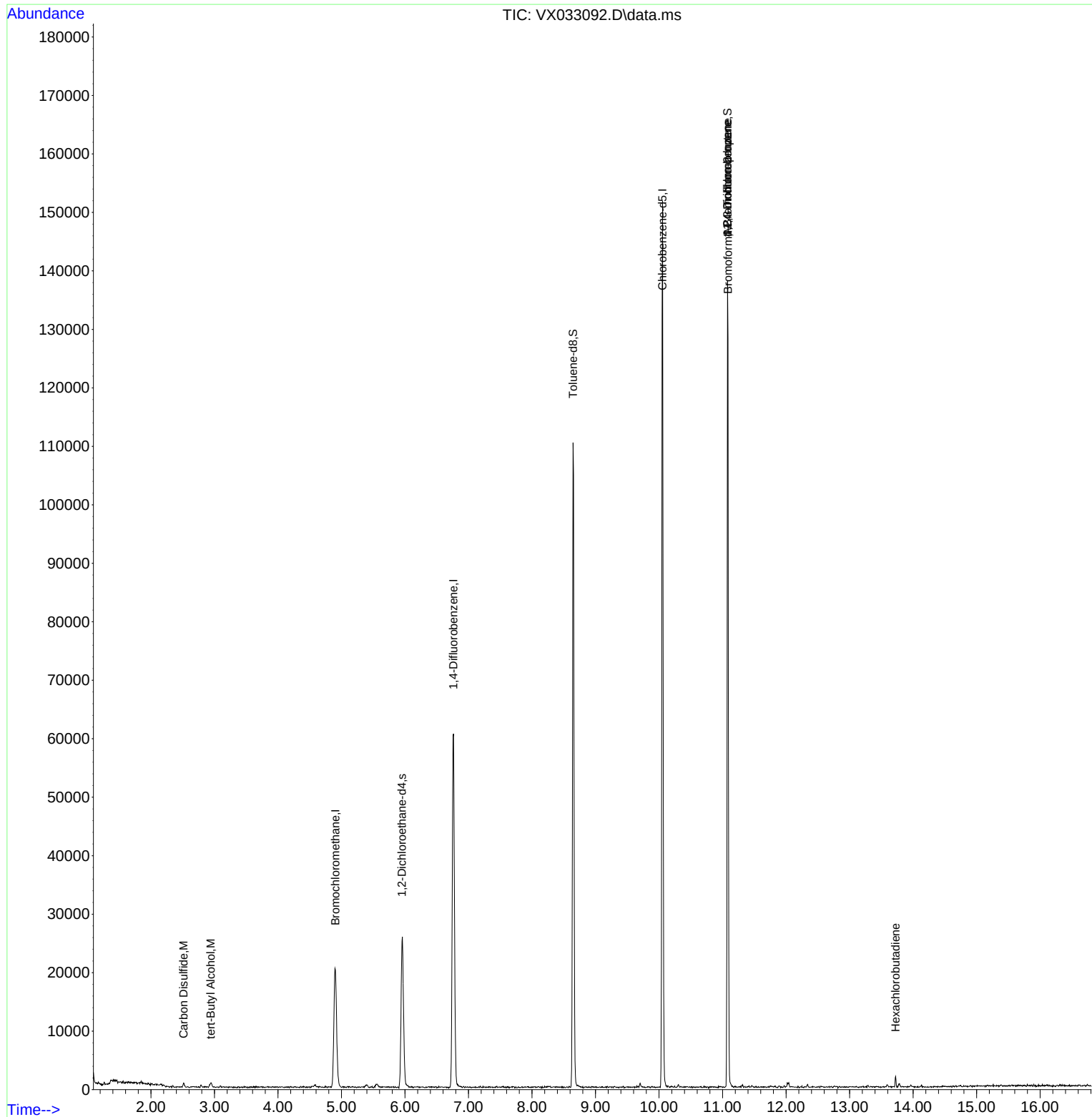
Internal Standards						
1) Bromochloromethane	4.903	128	9083	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	63221	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	67536	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	26519	30.264	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.867%
60) 4-Bromofluorobenzene	11.079	95	35277	27.307	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.033%
63) Toluene-d8	8.647	98	66074	28.990	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.633%
Target Compounds						
					Qvalue	
16) Carbon Disulfide	2.514	76	893	0.406	ug/l #	74
23) tert-Butyl Alcohol	2.940	59	546	3.584	ug/l #	100
56) Bromoform	11.085	173	272	0.333	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	19010	14.368	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	19010	47.084	ug/l #	8
90) Hexachlorobutadiene	13.725	225	333	0.605	ug/l	85

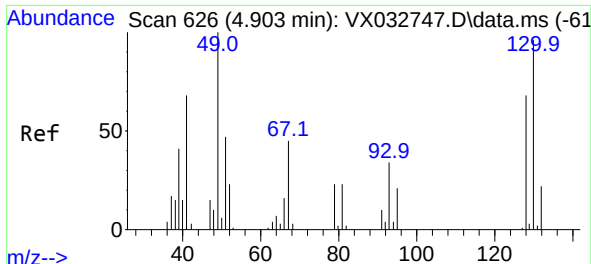
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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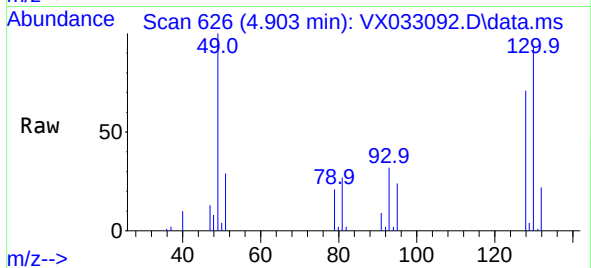
Quant Time: Nov 29 03:44:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration



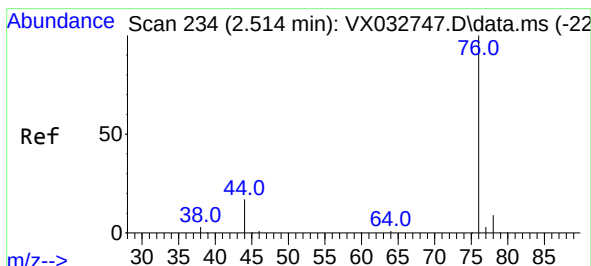
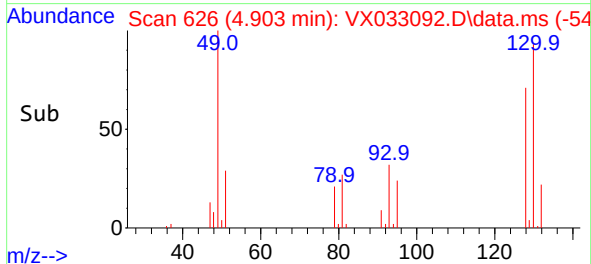
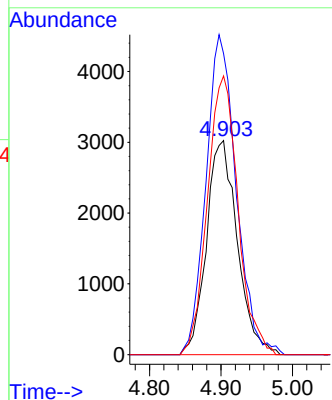


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VX1128WBL02

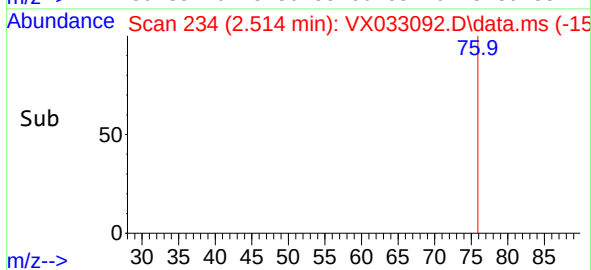
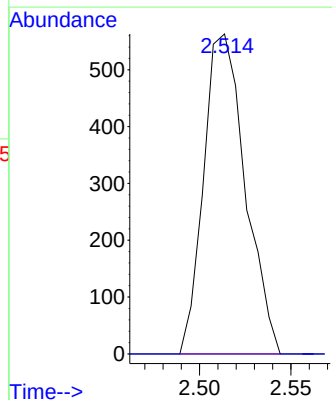
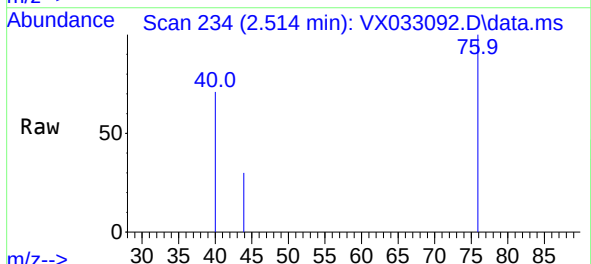


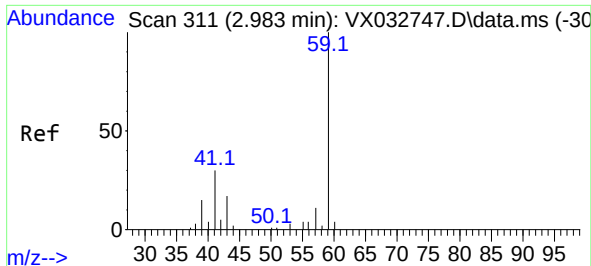
Tgt Ion:128 Resp: 9083
Ion Ratio Lower Upper
128 100
49 146.4 0.0 293.0
130 128.9 0.0 321.5



#16
Carbon Disulfide
Concen: 0.406 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Tgt Ion: 76 Resp: 893
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

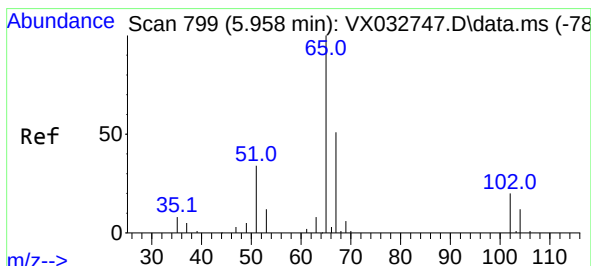
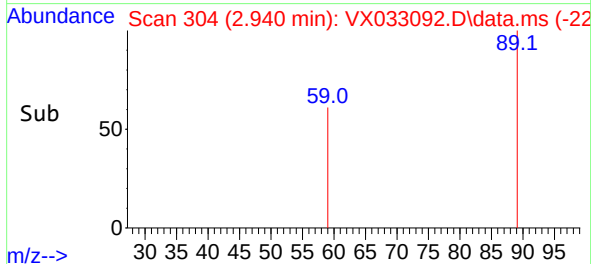
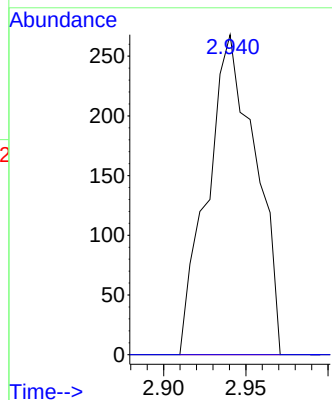
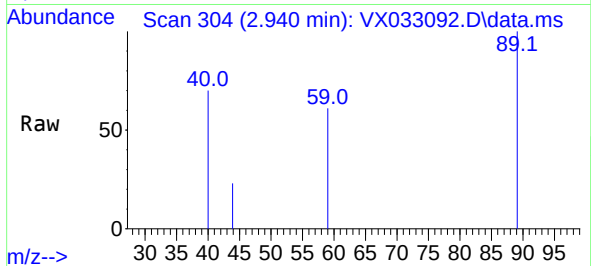




#23
tert-Butyl Alcohol
Concen: 3.584 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

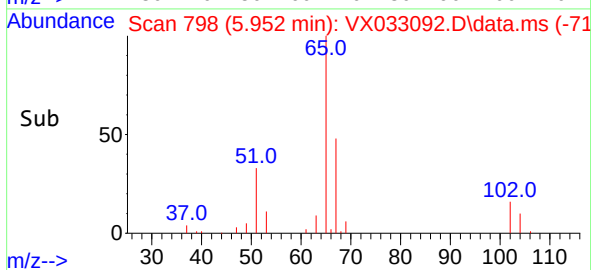
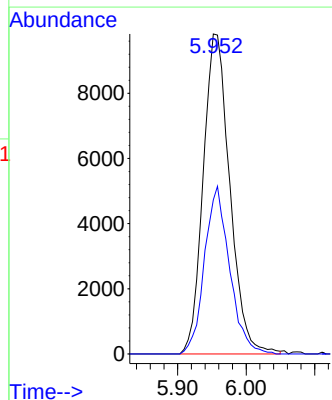
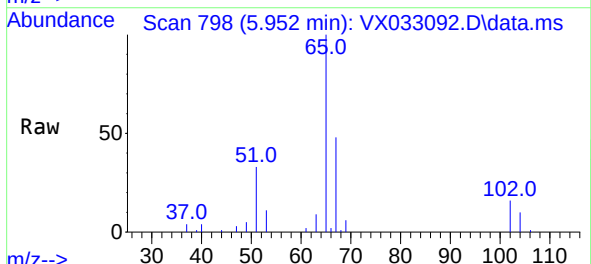
Instrument :
MSVOA_X
ClientSampleId :
VX1128WBL02

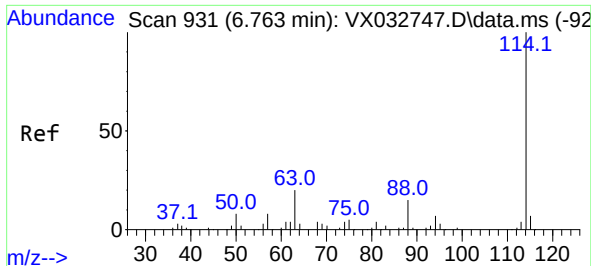
Tgt Ion: 59 Resp: 546
Ion Ratio Lower Upper
59 100
52 9.3 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 30.264 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Tgt Ion: 65 Resp: 26519
Ion Ratio Lower Upper
65 100
67 49.3 41.8 62.6



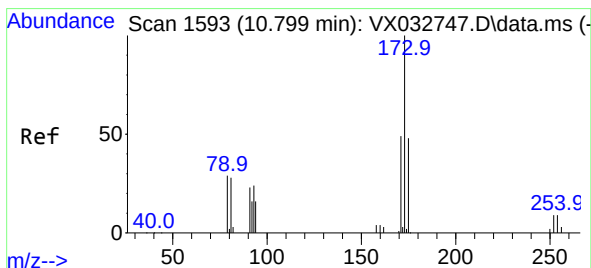
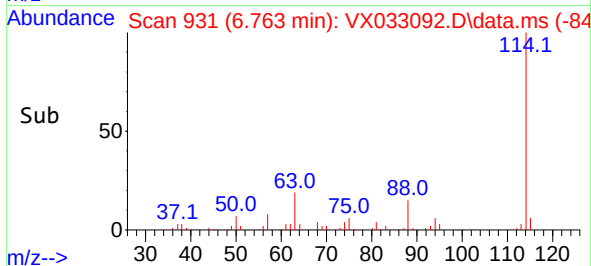
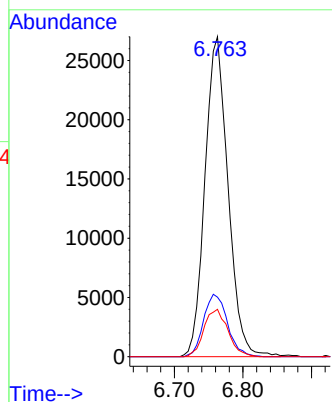
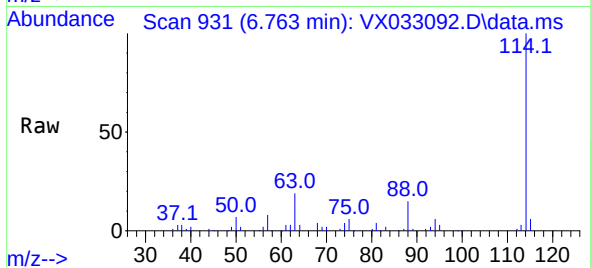


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VX1128WBL02

Tgt Ion:114 Resp: 63221

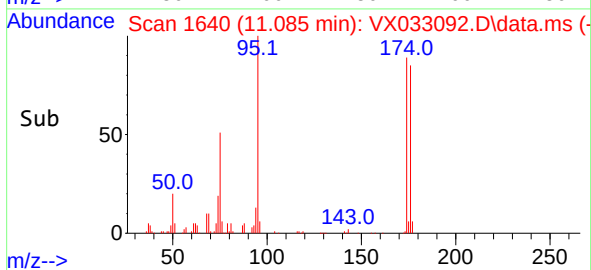
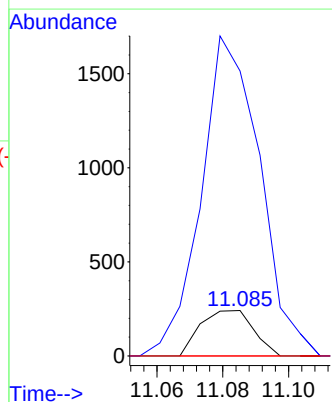
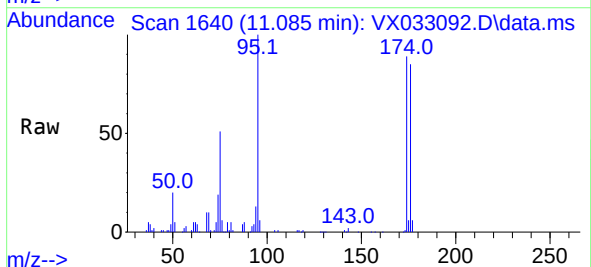
Ion	Ratio	Lower	Upper
114	100		
63	20.2	13.6	20.4
88	15.4	11.8	17.6

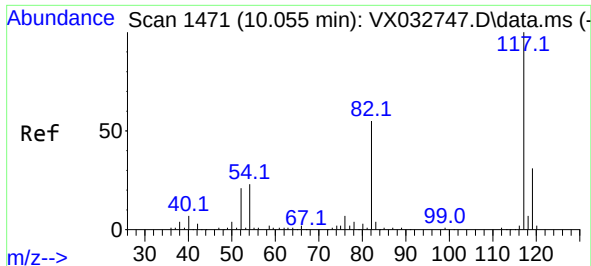


#56
Bromoform
Concen: 0.333 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Tgt Ion:173 Resp: 272

Ion	Ratio	Lower	Upper
173	100		
175	776.5	38.6	58.0#
254	0.0	6.8	10.2#

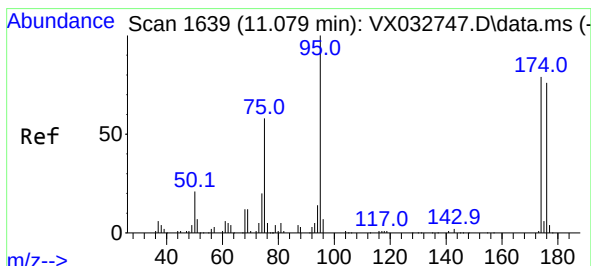
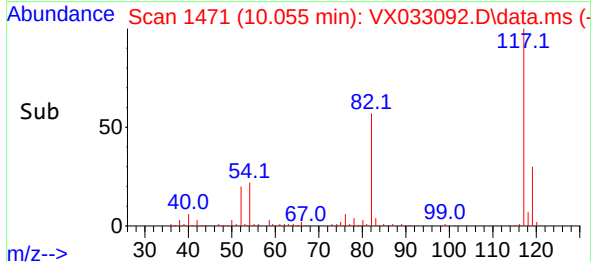
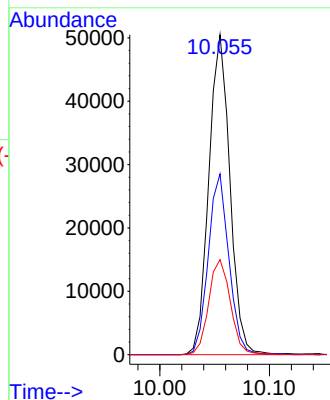
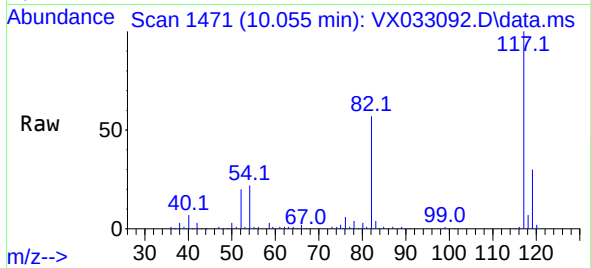




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

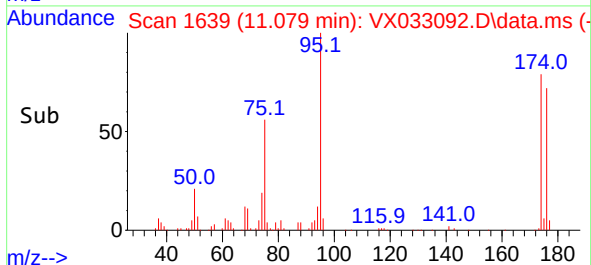
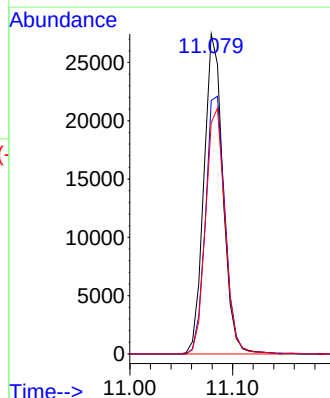
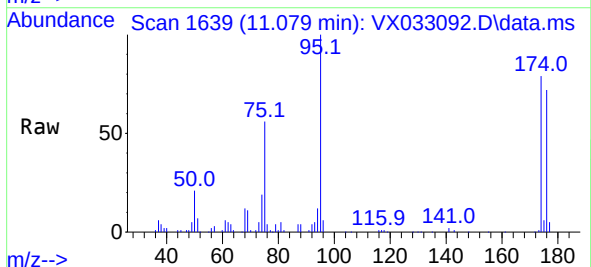
Instrument :
MSVOA_X
ClientSampleId :
VX1128WBL02

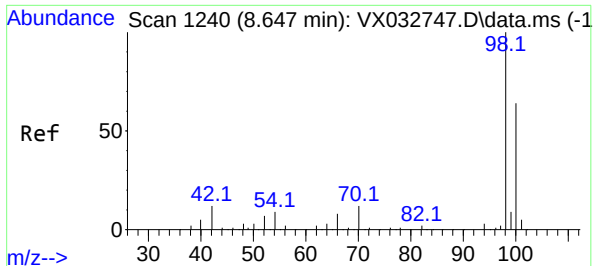
Tgt Ion:	117	Resp:	67536
Ion	Ratio	Lower	Upper
117	100		
82	55.3	40.0	60.0
119	30.7	26.0	39.0



#60
4-Bromofluorobenzene
Concen: 27.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Tgt Ion:	95	Resp:	35277
Ion	Ratio	Lower	Upper
95	100		
174	83.3	68.2	102.2
176	78.8	68.1	102.1

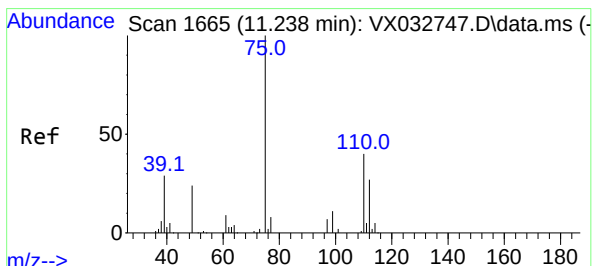
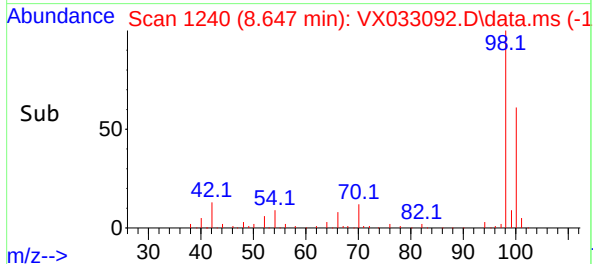
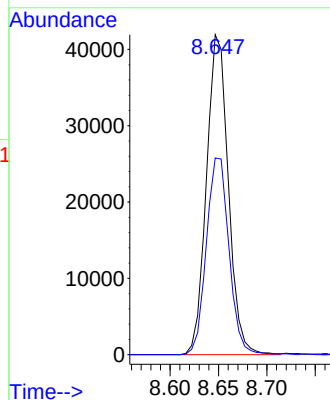
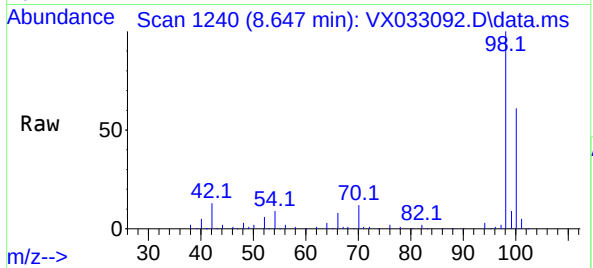




#63
Toluene-d8
Concen: 28.990 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

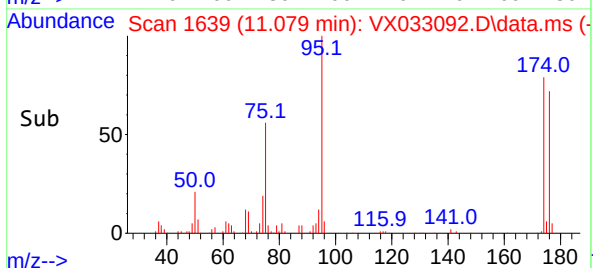
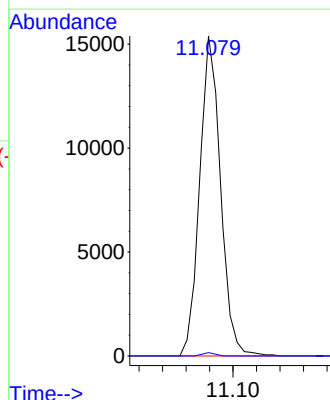
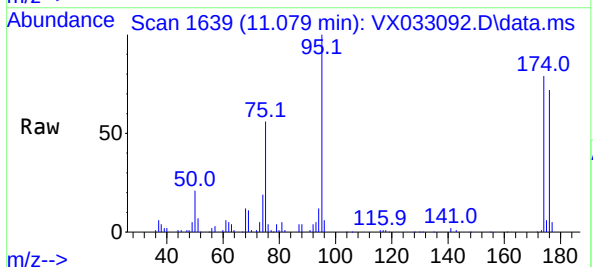
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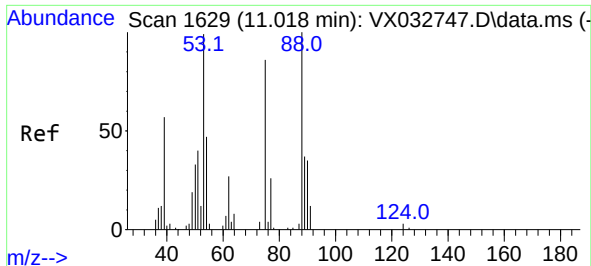
Tgt Ion: 98 Resp: 66074
Ion Ratio Lower Upper
98 100
100 63.7 53.8 80.8



#72
1,2,3-Trichloropropane
Concen: 14.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Tgt Ion: 75 Resp: 19010
Ion Ratio Lower Upper
75 100
77 0.6 0.0 76.6

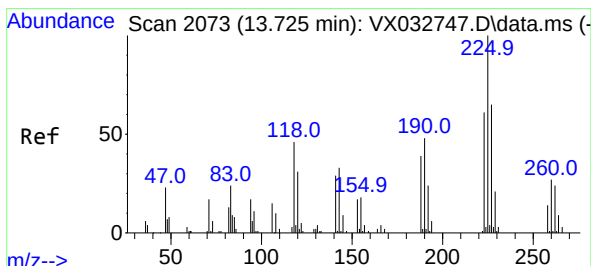
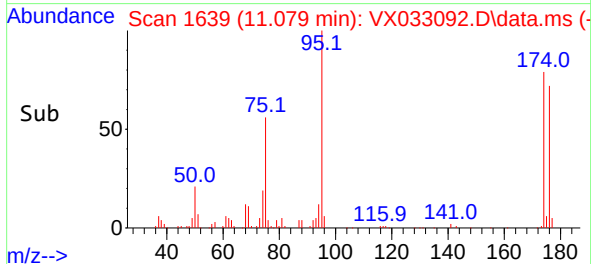
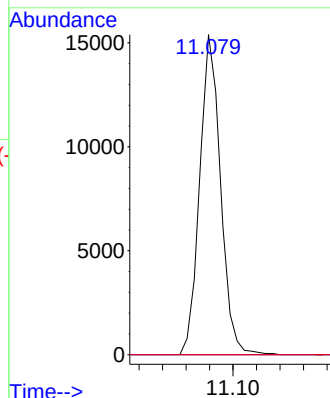
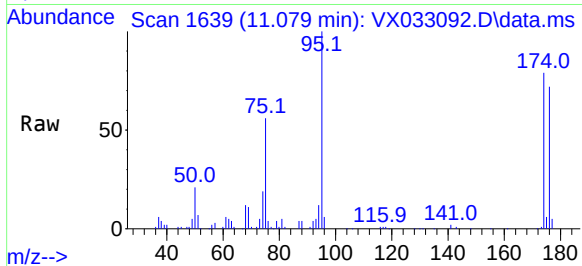




#77
t-1,4-Dichloro-2-butene
Concen: 47.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VX1128WBL02

Tgt Ion: 75 Resp: 19010
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.4#
89 0.0 22.9 68.8#



#90
Hexachlorobutadiene
Concen: 0.605 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033092.D
Acq: 28 Nov 2022 15:39

Tgt Ion: 225 Resp: 333
Ion Ratio Lower Upper
225 100
223 53.2 0.0 126.0
227 50.8 0.0 127.6

