

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031411.D
 Acq On : 16 Sep 2022 15:39
 Operator : JC/MD
 Sample : N4574-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(SEP)

Quant Time: Sep 16 16:23:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 16 12:41:56 2022
 Response via : Initial Calibration

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

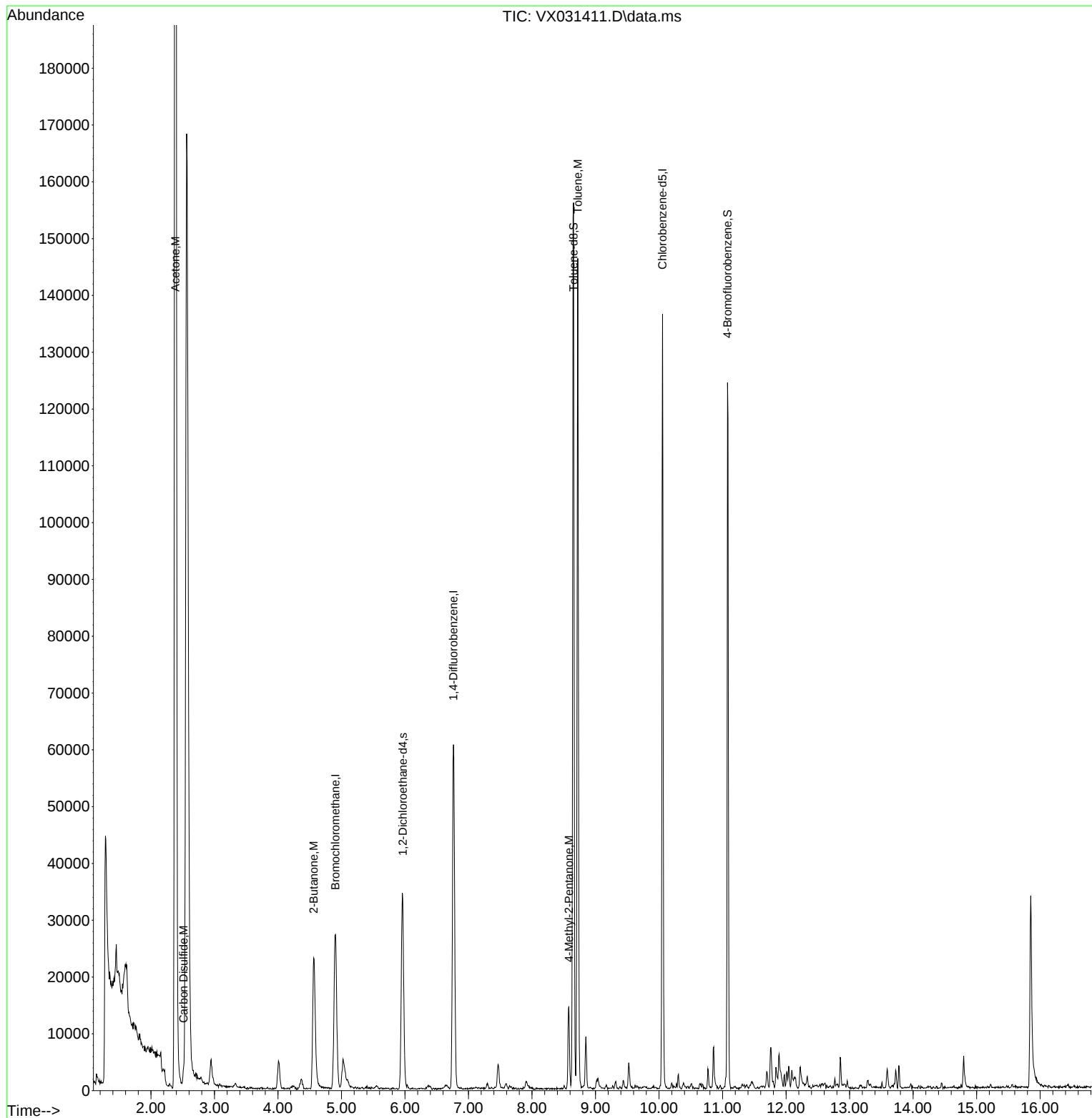
Internal Standards						
1) Bromochloromethane	4.904	128	11724	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	63062	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	56977	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	31336	29.668	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.900%
60) 4-Bromofluorobenzene	11.079	95	28813	25.084	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.600%
63) Toluene-d8	8.653	98	92172	29.552	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.500%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	190923	1378.338	ug/l	95
16) Carbon Disulfide	2.514	76	3839	1.888	ug/l #	88
30) 2-Butanone	4.562	43	38646	53.965	ug/l	100
58) 4-Methyl-2-Pentanone	8.580	43	9220	6.755	ug/l	96
62) Toluene	8.720	91	88103	21.376	ug/l	95

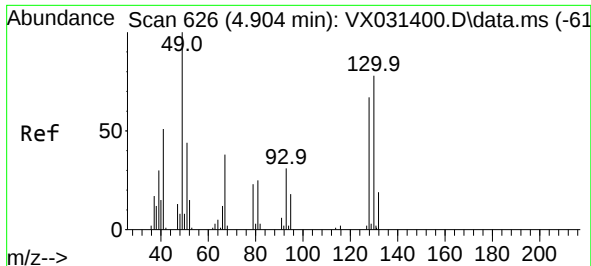
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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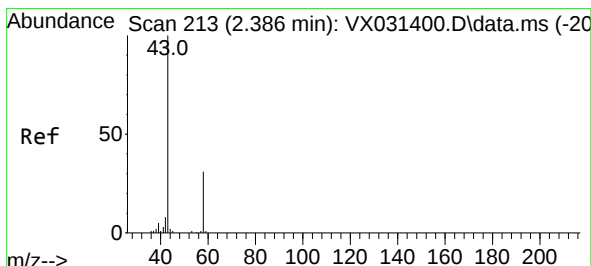
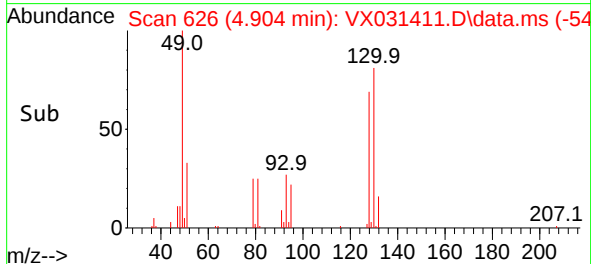
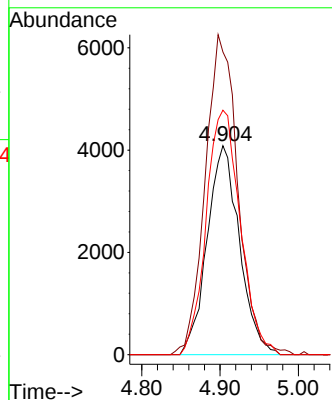
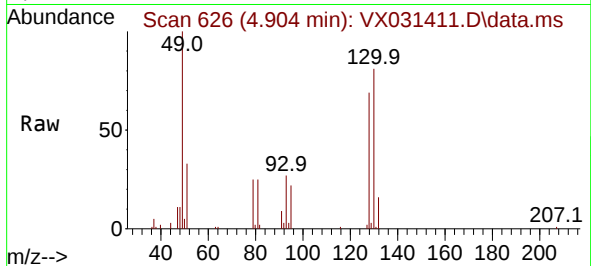




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

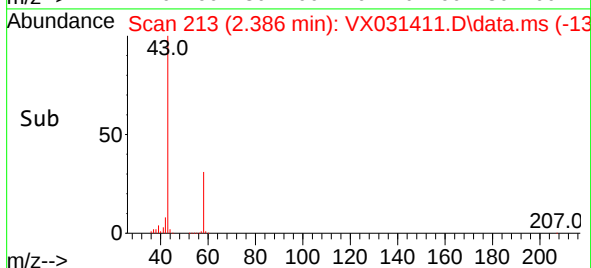
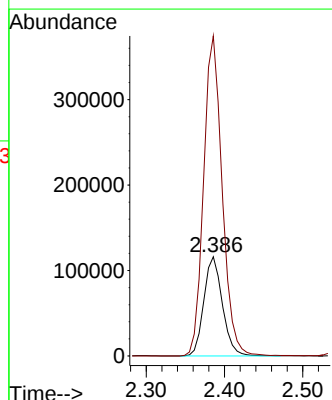
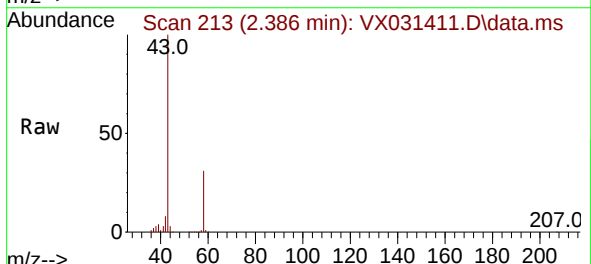
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

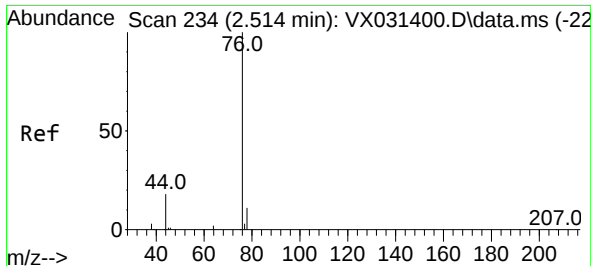
Tgt Ion:128 Resp: 11724
Ion Ratio Lower Upper
128 100
49 154.9 0.0 358.3
130 123.3 0.0 319.3



#15
Acetone
Concen: 1378.338 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

Tgt Ion: 58 Resp: 190923
Ion Ratio Lower Upper
58 100
43 322.4 250.2 375.2

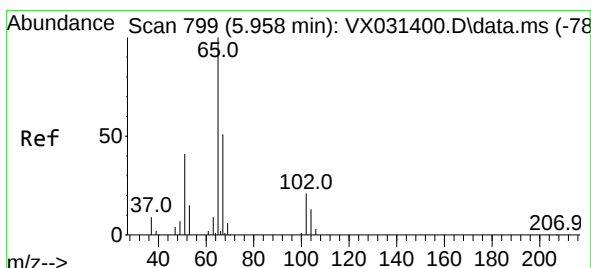
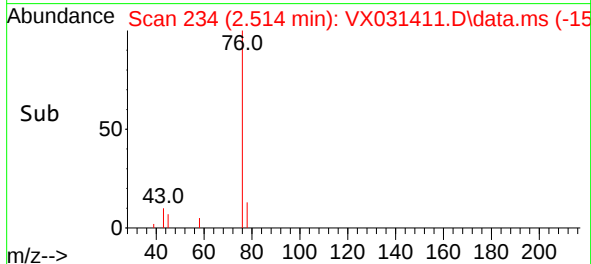
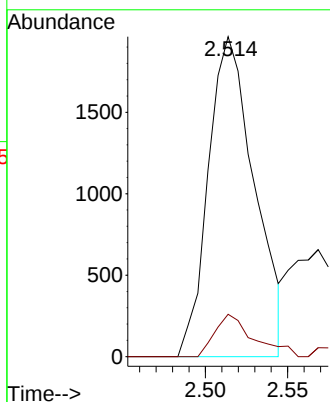
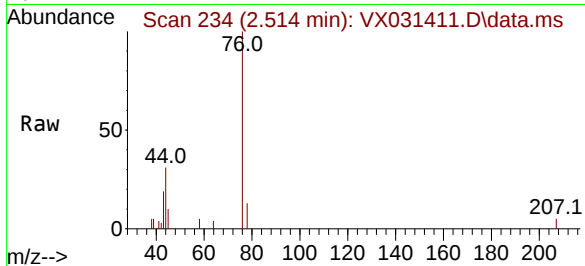




#16
Carbon Disulfide
Concen: 1.888 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

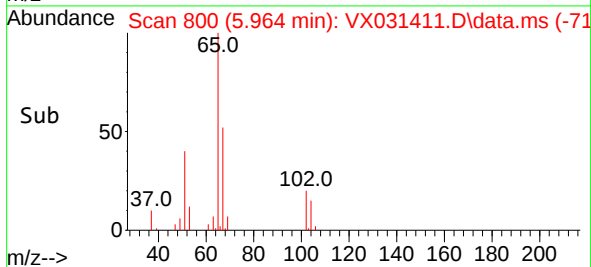
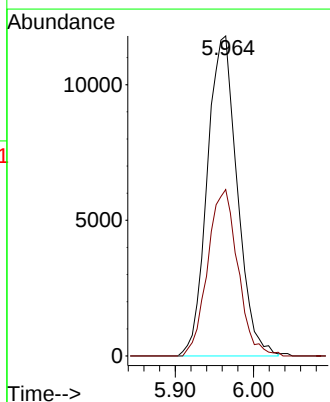
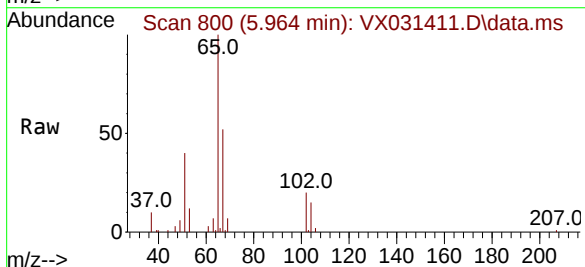
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MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

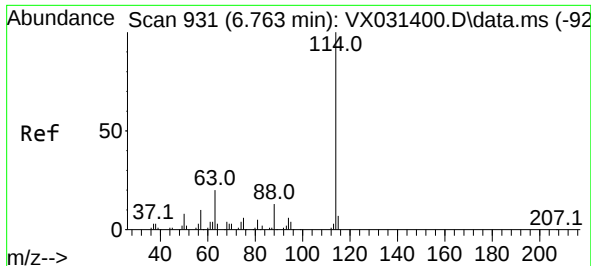
Tgt Ion: 76 Resp: 3839
Ion Ratio Lower Upper
76 100
78 13.2 7.1 10.7#



#27
1,2-Dichloroethane-d4
Concen: 29.668 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

Tgt Ion: 65 Resp: 31336
Ion Ratio Lower Upper
65 100
67 52.3 42.3 63.5

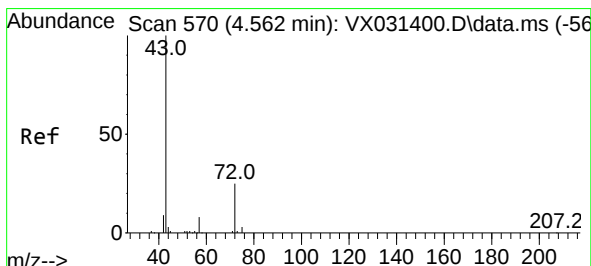
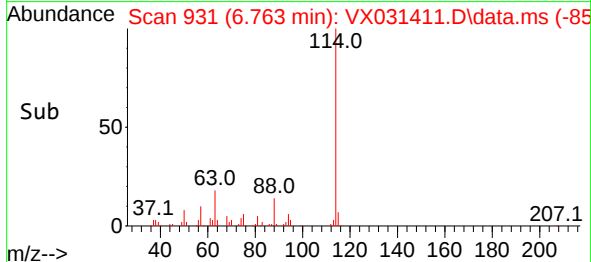
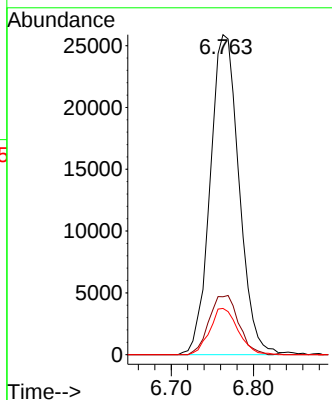
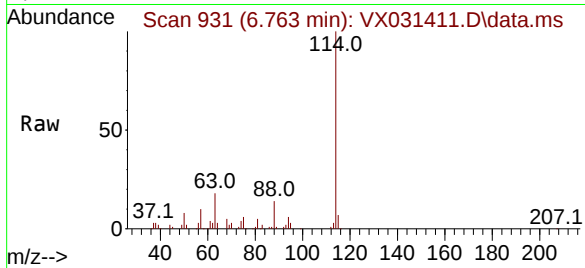




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

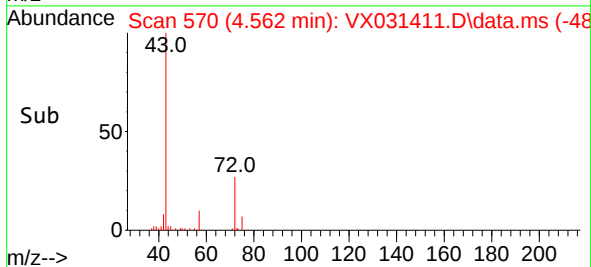
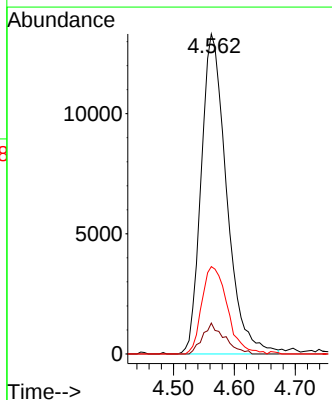
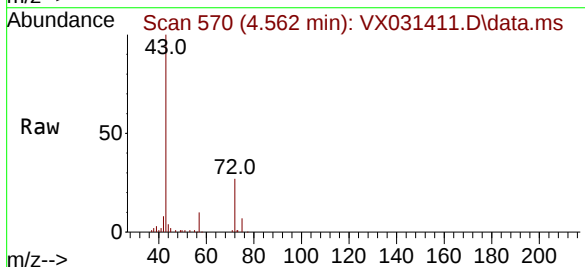
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

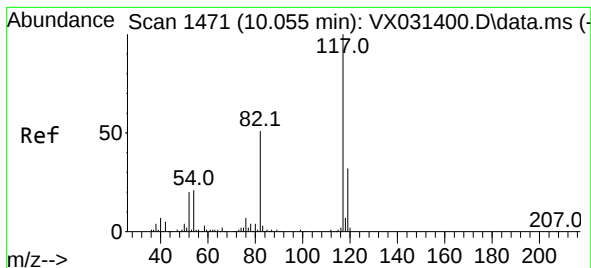
Tgt Ion:	114	Resp:	63062
Ion	Ratio	Lower	Upper
114	100		
63	19.0	15.3	22.9
88	14.2	12.2	18.4



#30
2-Butanone
Concen: 53.965 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

Tgt Ion:	43	Resp:	38646
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.6	10.0
72	27.4	22.1	33.1

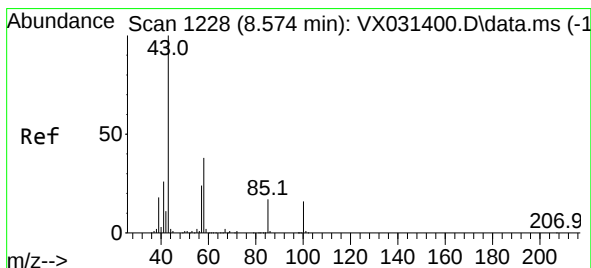
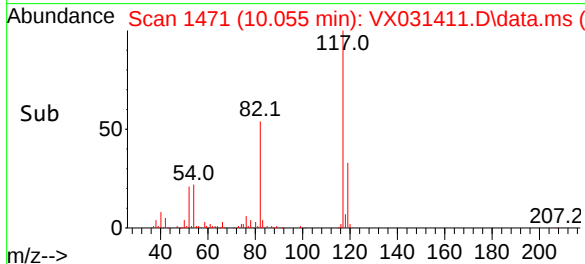
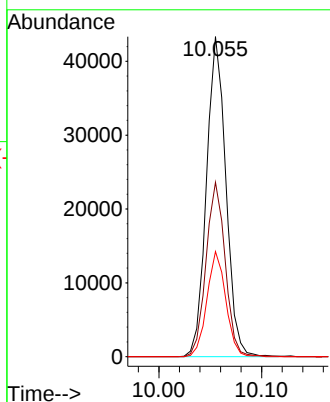
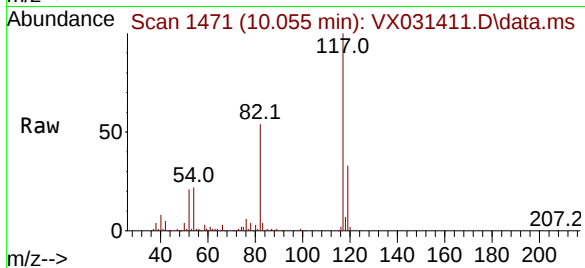




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

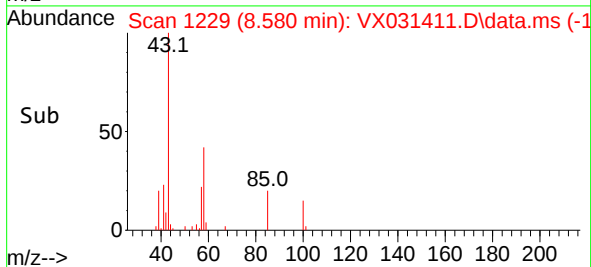
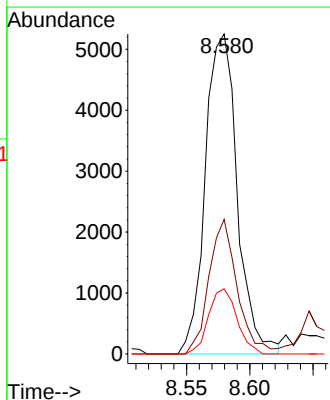
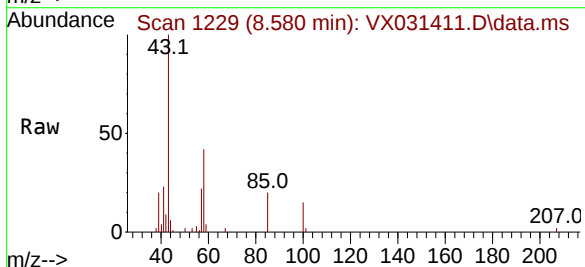
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ClientSampleId :
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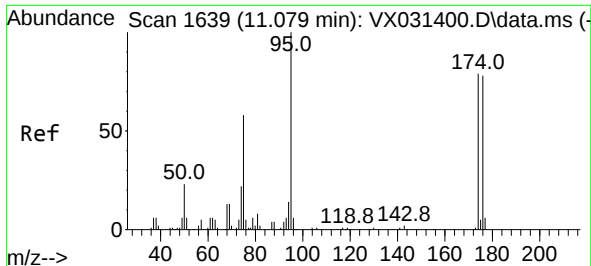
Tgt Ion:	117	Resp:	56977
Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.3	63.5
119	31.9	26.2	39.2



#58
4-Methyl-2-Pentanone
Concen: 6.755 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

Tgt Ion:	43	Resp:	9220
Ion	Ratio	Lower	Upper
43	100		
58	37.0	31.8	47.6
85	18.1	15.8	23.6

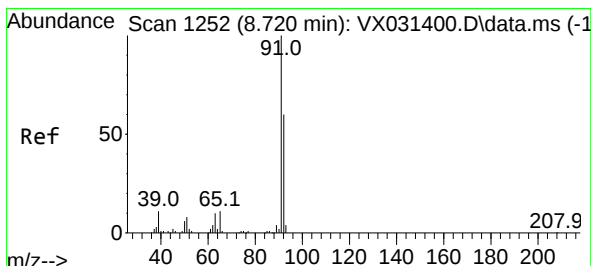
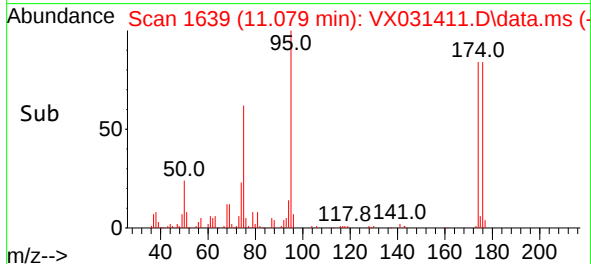
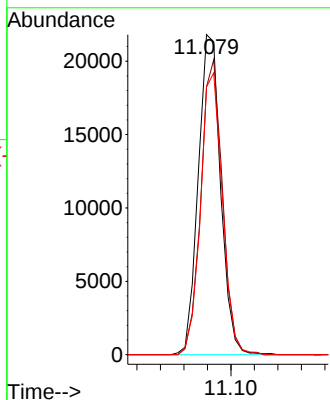
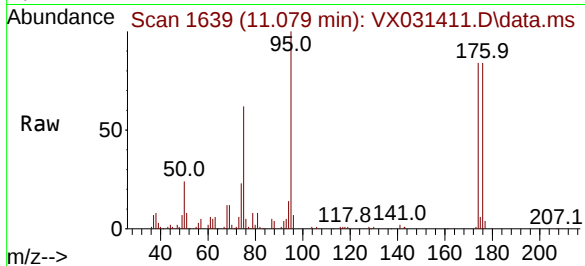




#60
4-Bromofluorobenzene
Concen: 25.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

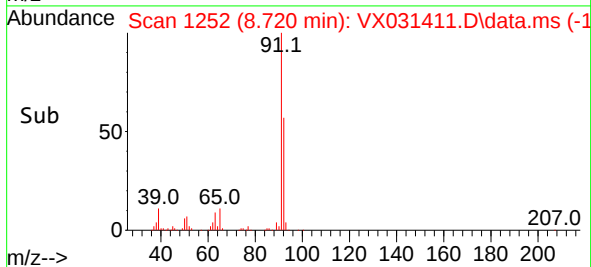
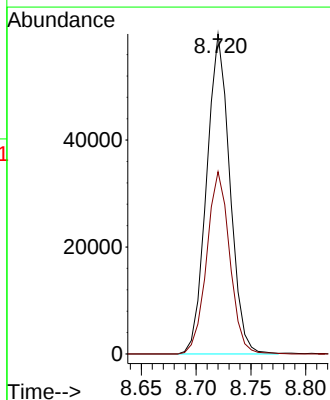
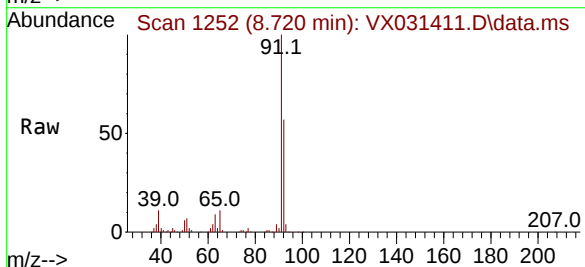
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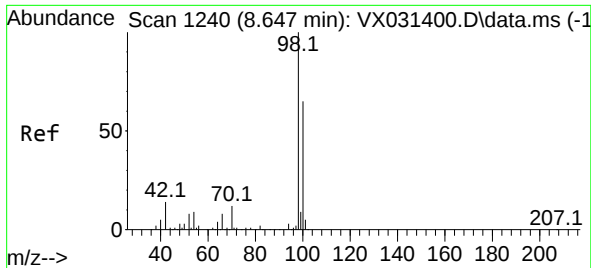
Tgt Ion: 95 Resp: 28813
Ion Ratio Lower Upper
95 100
174 88.6 65.4 98.2
176 86.5 63.4 95.0



#62
Toluene
Concen: 21.376 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

Tgt Ion: 91 Resp: 88103
Ion Ratio Lower Upper
91 100
92 56.5 48.1 72.1





#63
Toluene-d8
Concen: 29.552 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031411.D
Acq: 16 Sep 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Tgt Ion: 98 Resp: 92172
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.2

