

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023614.D
 Acq On : 09 Aug 2021 15:17
 Operator : JC/MD
 Sample : M3262-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(AUG)

Quant Time: Aug 10 03:58:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

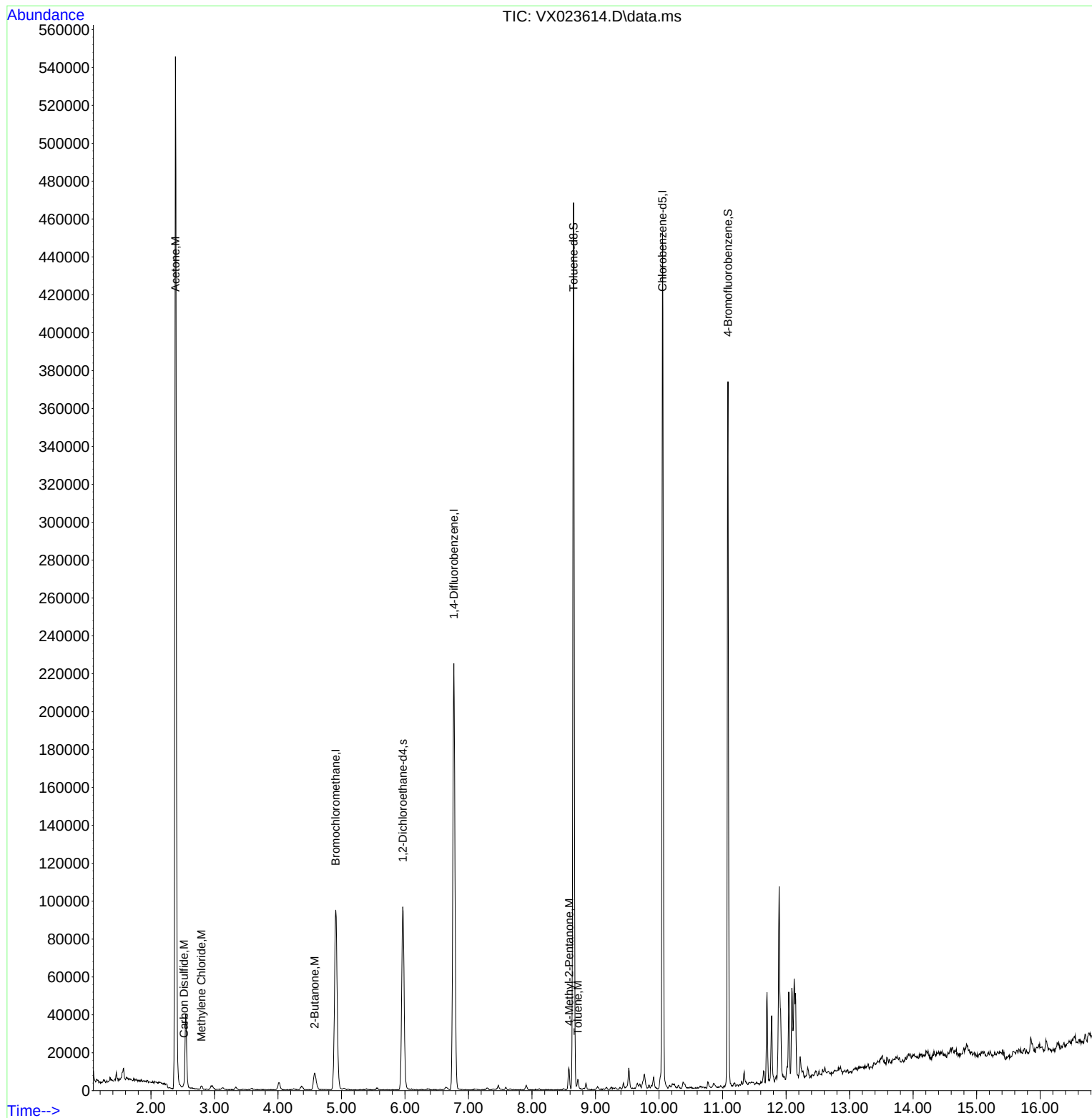
Internal Standards						
1) Bromochloromethane	4.910	128	39591	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	223299	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	197347	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	95380	31.152	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.833%
60) 4-Bromofluorobenzene	11.085	95	93854	29.035	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.800%
63) Toluene-d8	8.653	98	266972	30.058	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.200%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	167304	364.787	ug/l	100
16) Carbon Disulfide	2.520	76	2057	0.364	ug/l #	87
18) Methylene Chloride	2.794	84	880	0.326	ug/l	99
30) 2-Butanone	4.574	43	14712	6.311	ug/l	93
58) 4-Methyl-2-Pentanone	8.586	43	7304	1.717	ug/l	99
62) Toluene	8.720	91	2631	0.236	ug/l	94

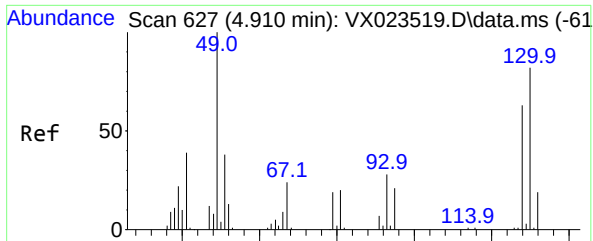
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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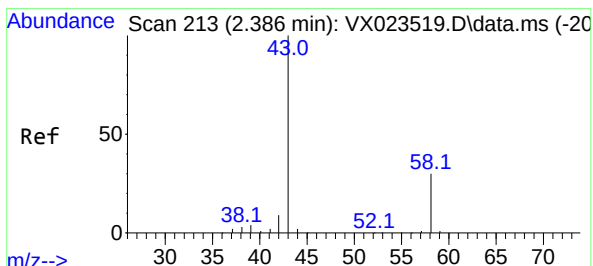
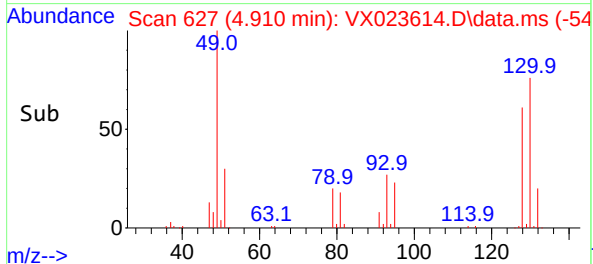
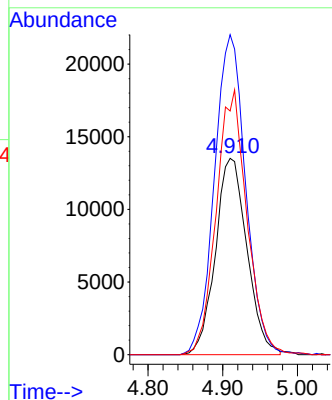
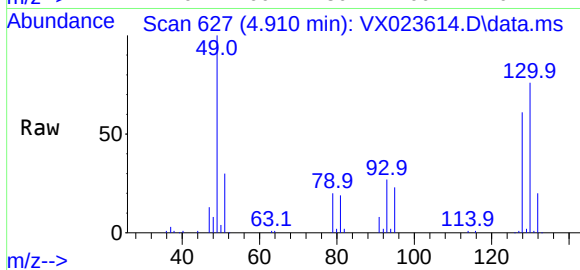




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

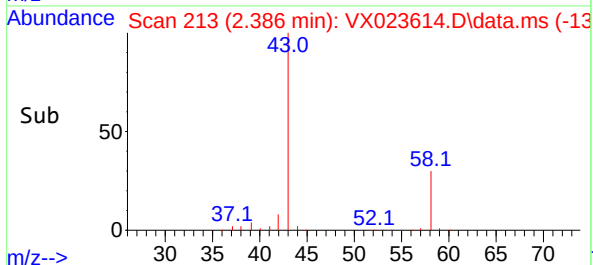
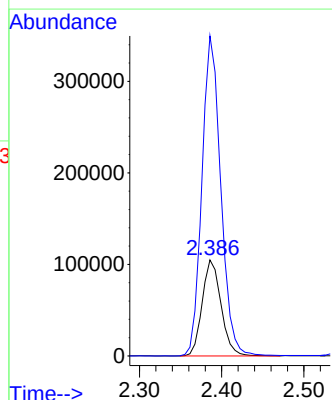
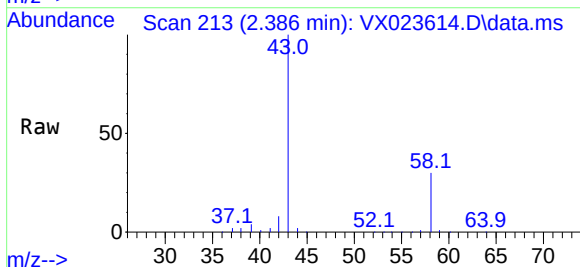
Instrument :
MSVOA_X
ClientSampleId :
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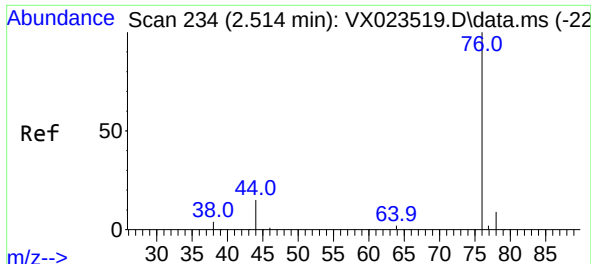
Tgt Ion:128 Resp: 39591
Ion Ratio Lower Upper
128 100
49 161.9 0.0 402.5
130 131.5 0.0 326.5



#15
Acetone
Concen: 364.787 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

Tgt Ion: 58 Resp: 167304
Ion Ratio Lower Upper
58 100
43 332.8 266.6 400.0

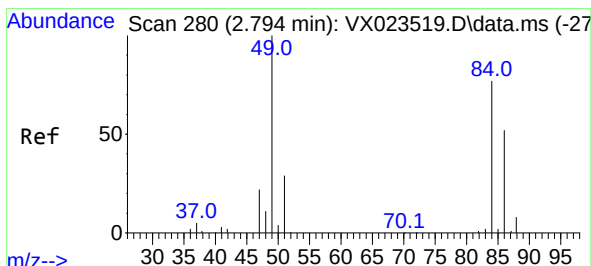
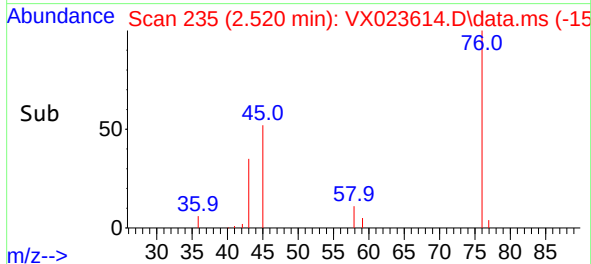
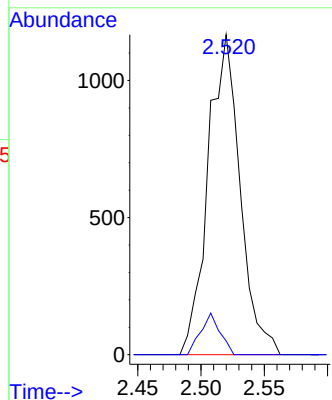
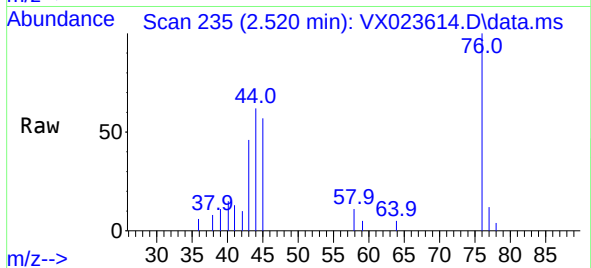




#16
Carbon Disulfide
Concen: 0.364 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

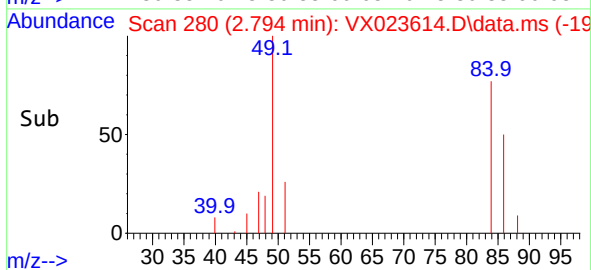
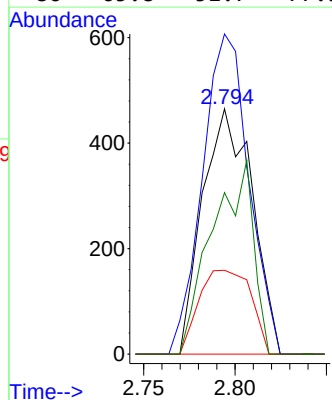
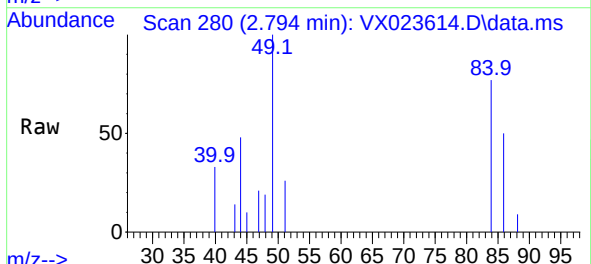
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(AUG)

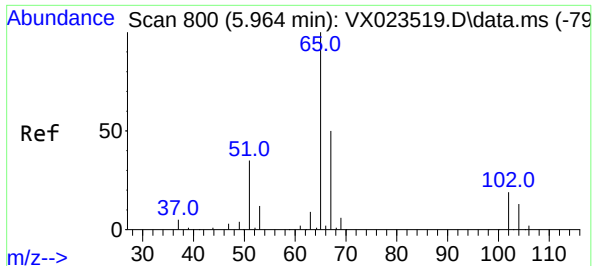
Tgt Ion: 76 Resp: 2057
Ion Ratio Lower Upper
76 100
78 4.3 7.3 10.9#



#18
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

Tgt Ion: 84 Resp: 880
Ion Ratio Lower Upper
84 100
49 130.5 104.3 156.5
51 34.2 30.3 45.5
86 65.8 51.7 77.5

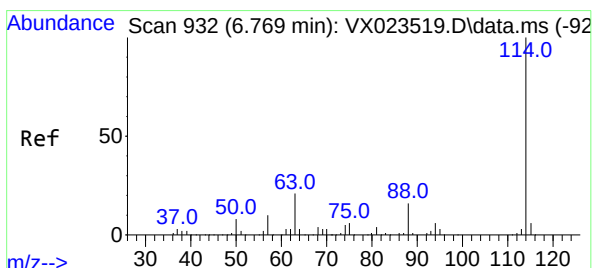
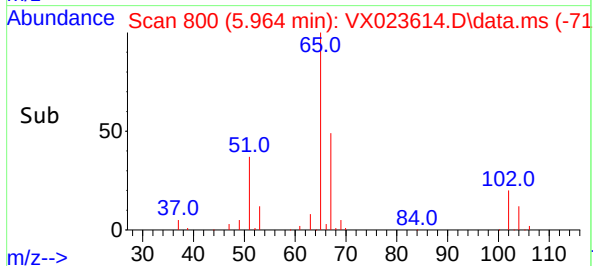
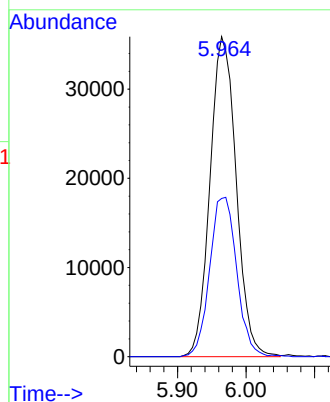
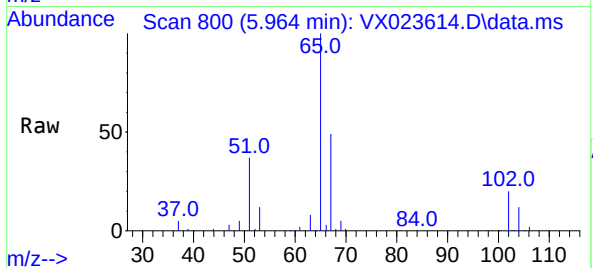




#27
1,2-Dichloroethane-d4
Concen: 31.152 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

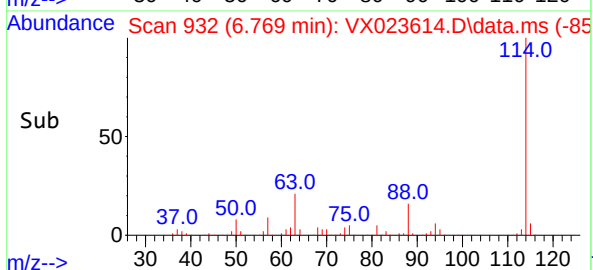
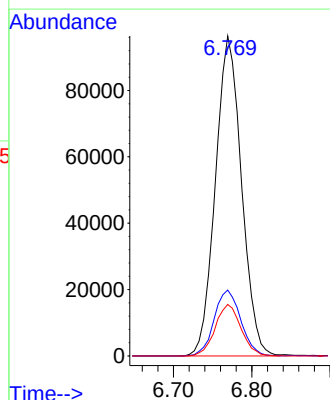
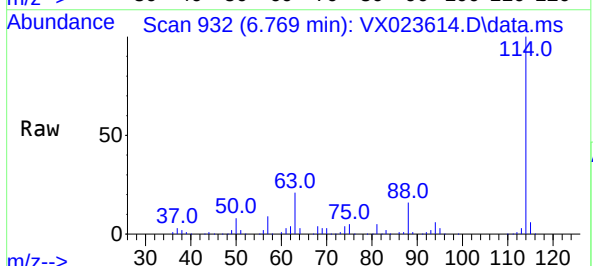
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(AUG)

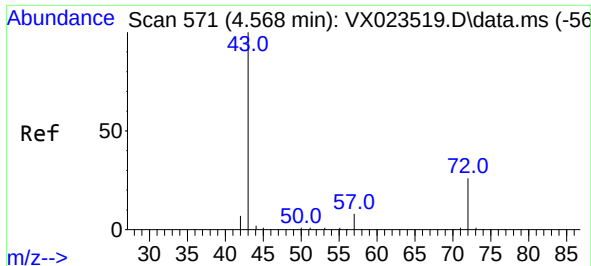
Tgt Ion: 65 Resp: 95380
Ion Ratio Lower Upper
65 100
67 51.2 42.4 63.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

Tgt Ion: 114 Resp: 223299
Ion Ratio Lower Upper
114 100
63 21.0 16.4 24.6
88 16.0 12.7 19.1

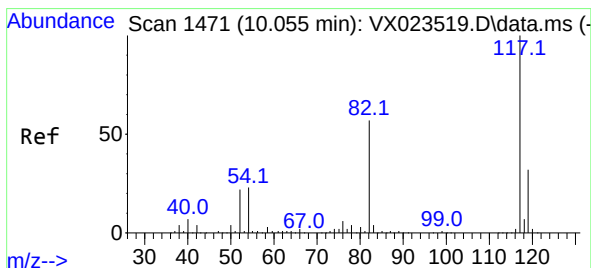
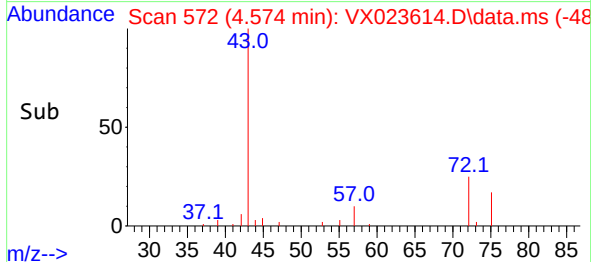
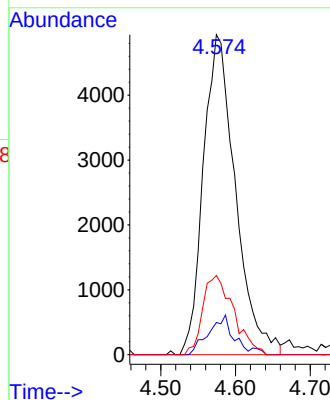
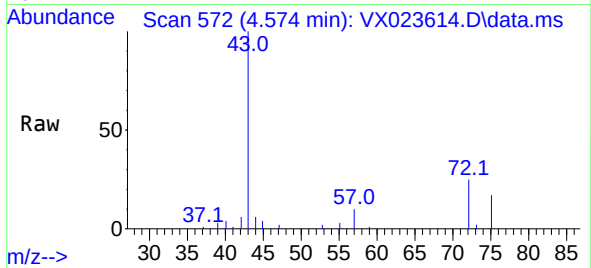




#30
2-Butanone
Concen: 6.311 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

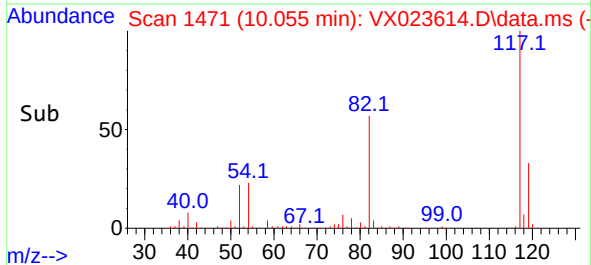
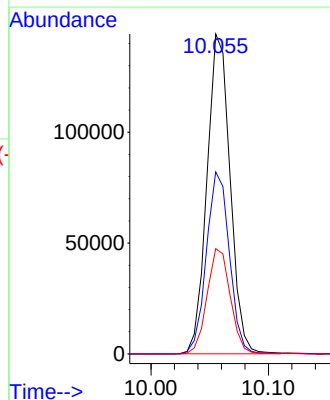
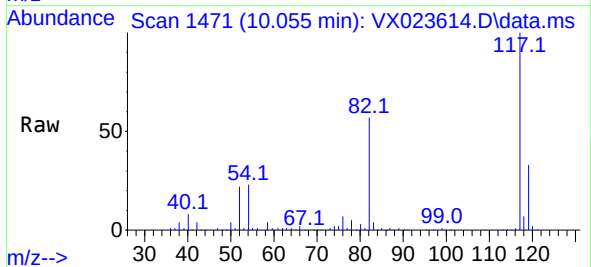
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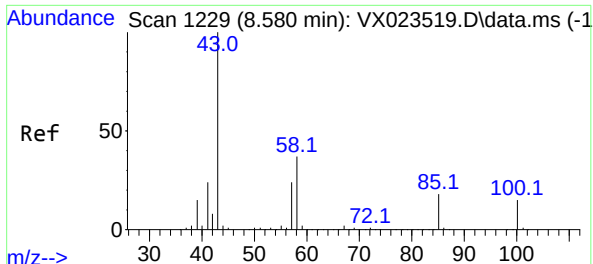
Tgt Ion: 43 Resp: 14712
Ion Ratio Lower Upper
43 100
57 8.3 6.6 9.8
72 21.4 21.0 31.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

Tgt Ion: 117 Resp: 197347
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 33.2 26.2 39.2

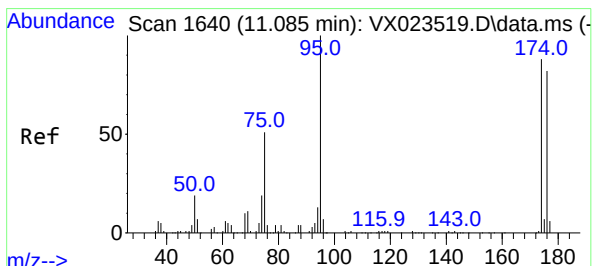
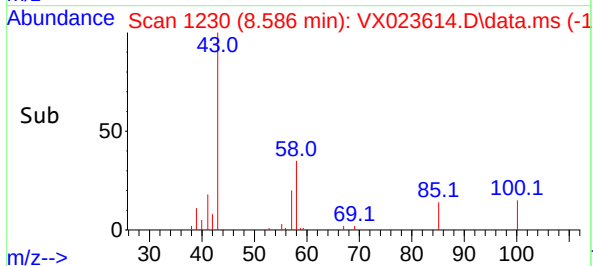
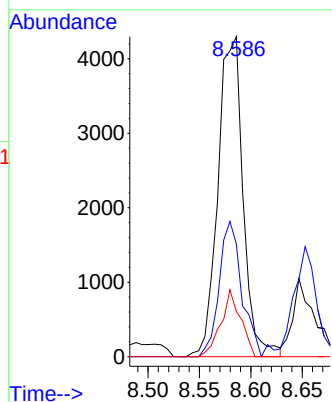
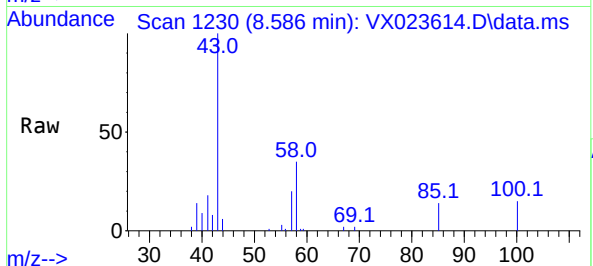




#58
4-Methyl-2-Pentanone
Concen: 1.717 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

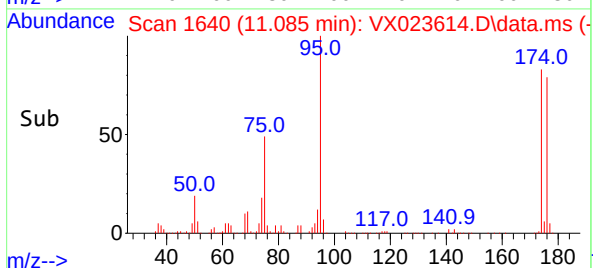
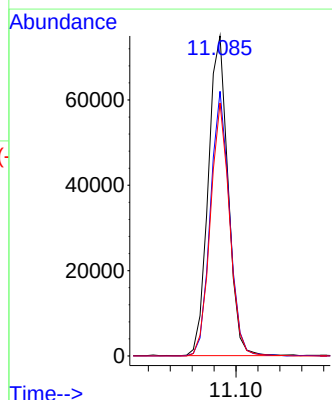
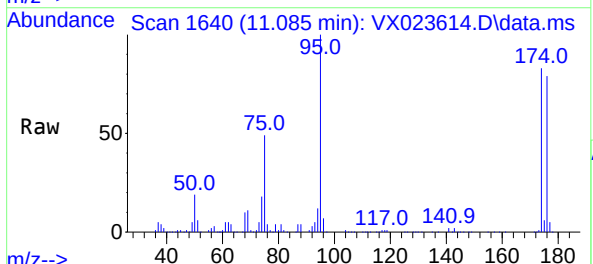
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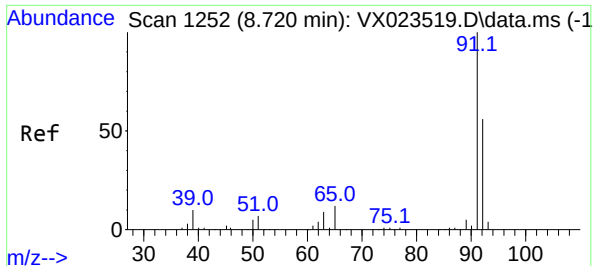
Tgt Ion:	43	Resp:	7304
Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.5	45.7
85	16.4	14.0	21.0



#60
4-Bromofluorobenzene
Concen: 29.035 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

Tgt Ion:	95	Resp:	93854
Ion	Ratio	Lower	Upper
95	100		
174	79.9	63.5	95.3
176	76.6	63.0	94.4

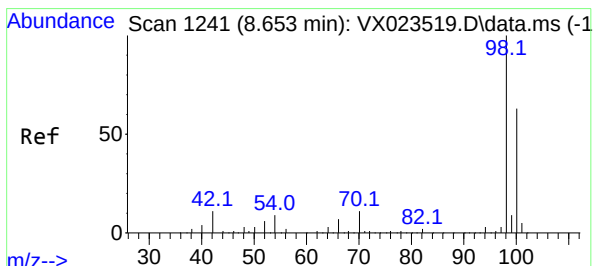
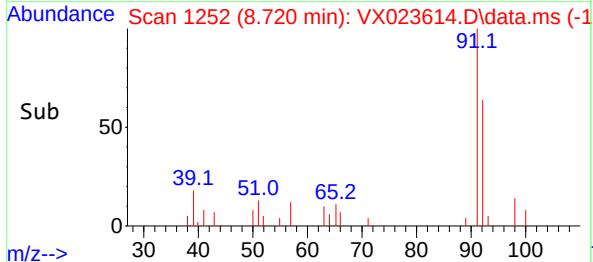
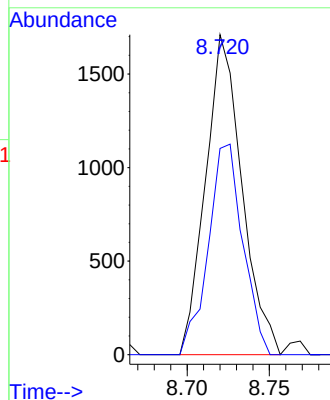
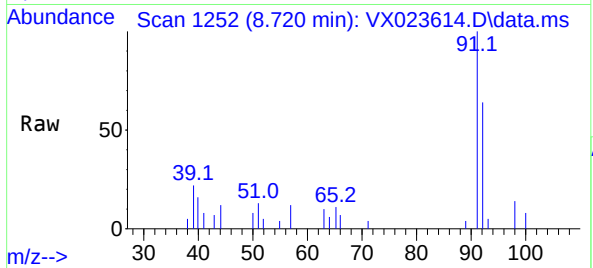




#62
Toluene
Concen: 0.236 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

Instrument :
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Tgt Ion: 91 Resp: 2631
Ion Ratio Lower Upper
91 100
92 62.4 46.5 69.7



#63
Toluene-d8
Concen: 30.058 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023614.D
Acq: 09 Aug 2021 15:17

Tgt Ion: 98 Resp: 266972
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

