

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030260.D
 Acq On : 28 Jul 2022 03:10
 Operator : JC/MD
 Sample : N3888-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-2ND-TP

Quant Time: Jul 28 05:57:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

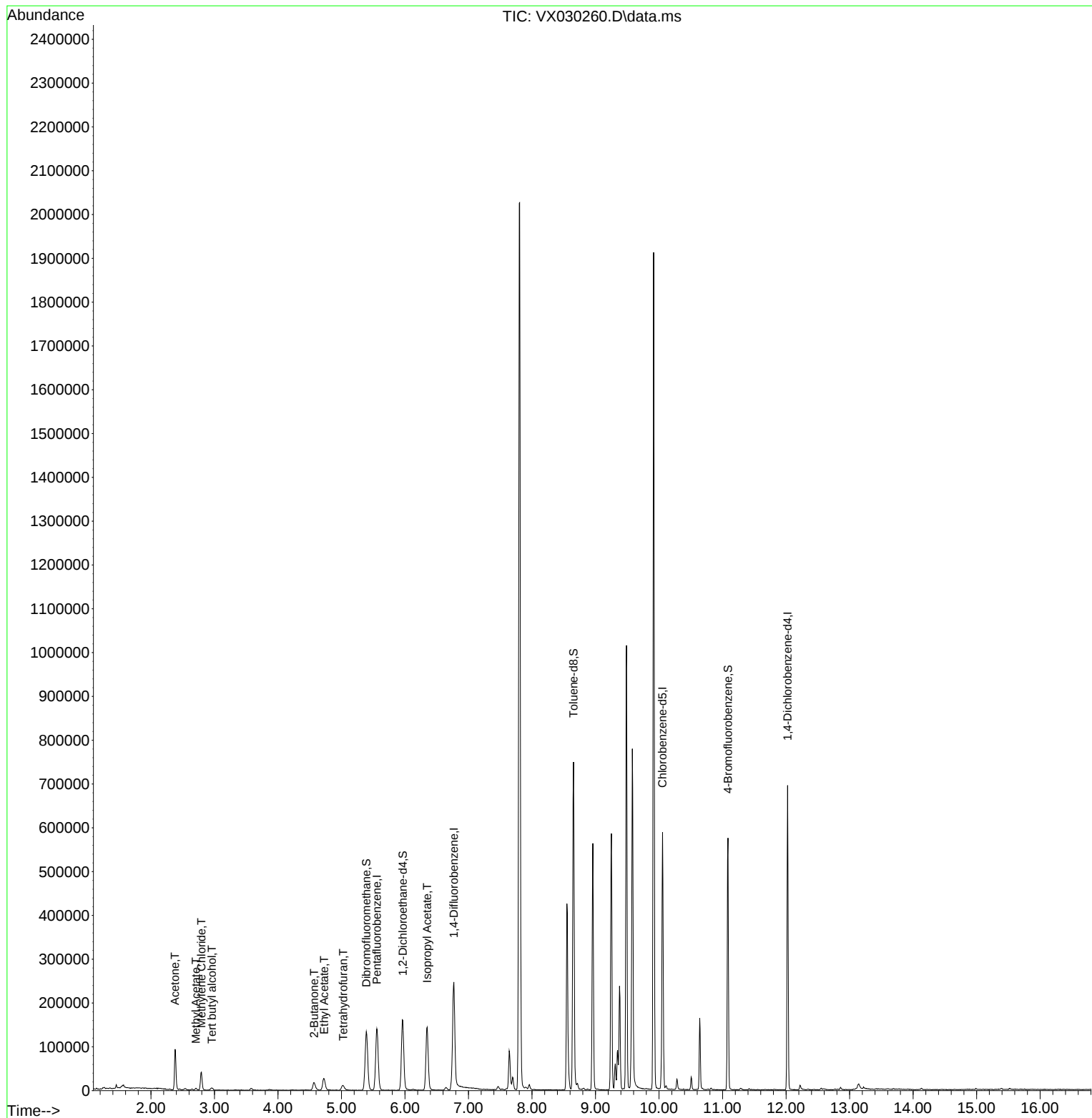
Internal Standards						
1) Pentafluorobenzene	5.556	168	130441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147785	56.368	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.740%
35) Dibromofluoromethane	5.391	113	119385	52.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.160%
50) Toluene-d8	8.653	98	440952	49.673	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.085	95	155953	47.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.680%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	4937	7.720	ug/l	# 91
16) Acetone	2.380	43	96282	71.730	ug/l	95
18) Methyl Acetate	2.709	43	4723	1.190	ug/l	99
20) Methylene Chloride	2.794	84	19131	6.088	ug/l	94
25) 2-Butanone	4.568	43	31032	13.758	ug/l	93
29) Tetrahydrofuran	5.025	42	11433	7.533	ug/l	93
37) Ethyl Acetate	4.727	43	49161	10.524	ug/l	98
43) Isopropyl Acetate	6.348	43	200758	29.316	ug/l	97

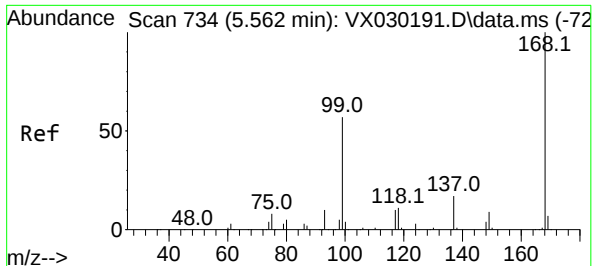
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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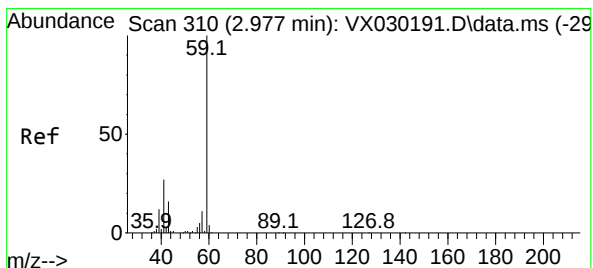
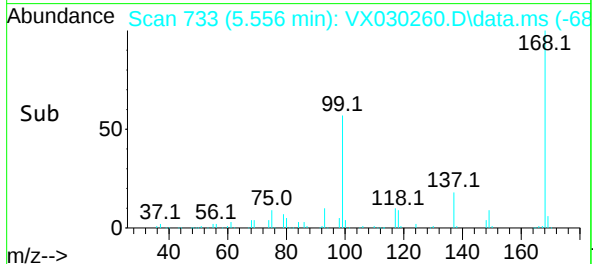
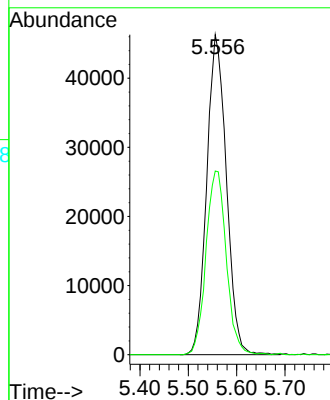
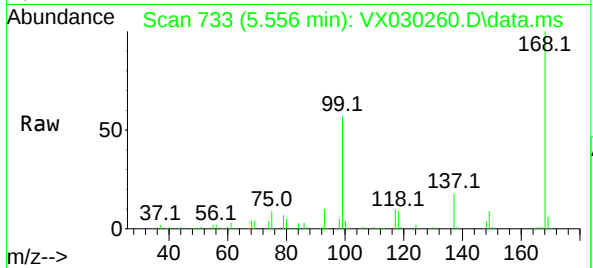




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

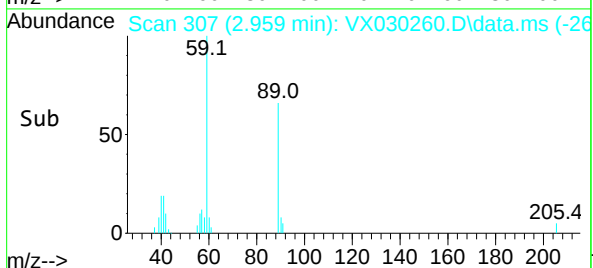
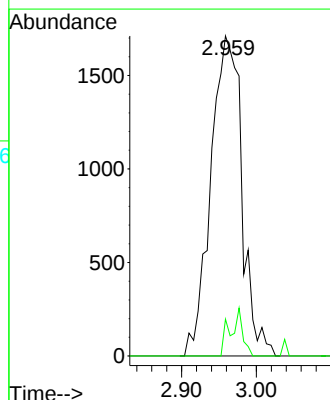
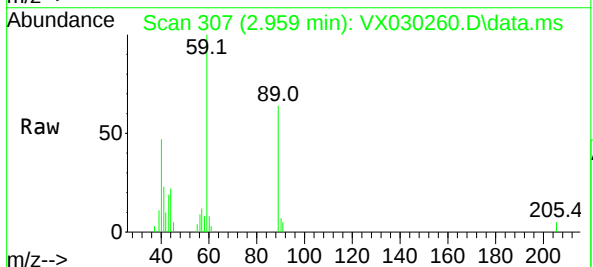
Instrument :
MSVOA_X
ClientSampleId :
S-2ND-TP

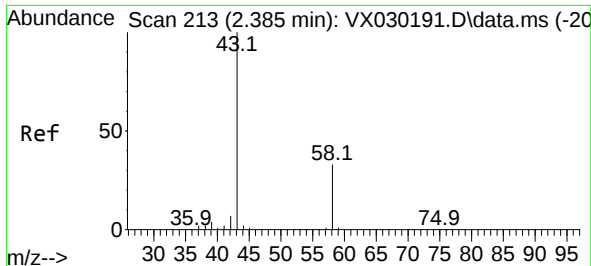
Tgt Ion:168 Resp: 130441
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0



#11
Tert butyl alcohol
Concen: 7.720 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Tgt Ion: 59 Resp: 4937
Ion Ratio Lower Upper
59 100
57 6.0 7.4 11.2#

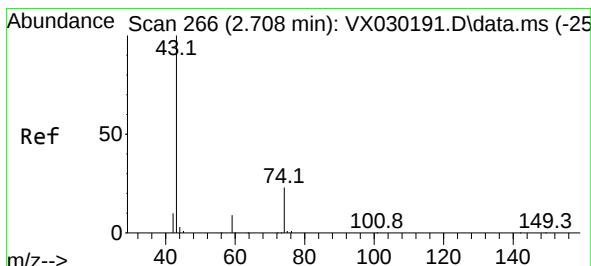
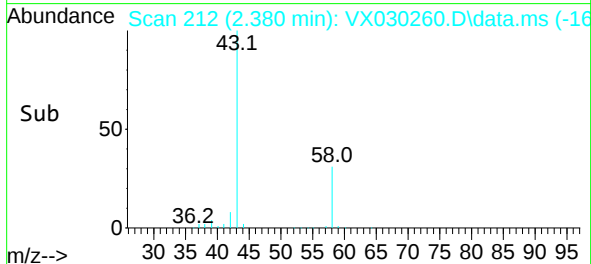
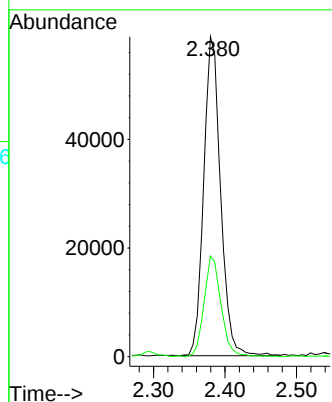
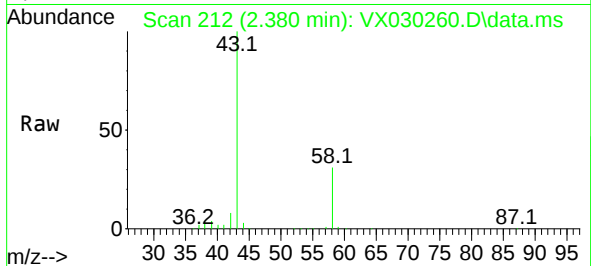




#16
Acetone
Concen: 71.730 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

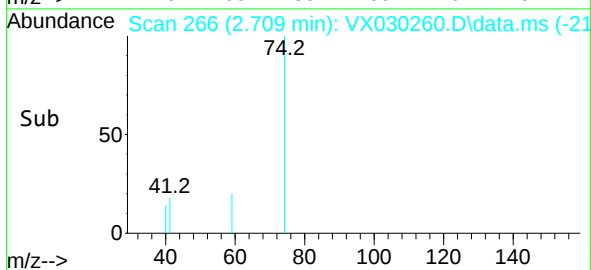
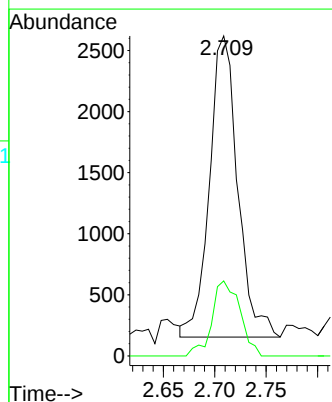
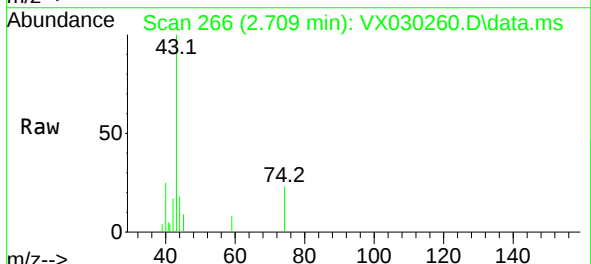
Instrument :
MSVOA_X
ClientSampleId :
S-2ND-TP

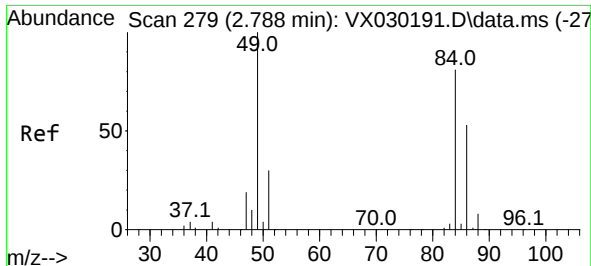
Tgt Ion: 43 Resp: 96282
Ion Ratio Lower Upper
43 100
58 31.6 27.7 41.5



#18
Methyl Acetate
Concen: 1.190 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Tgt Ion: 43 Resp: 4723
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2

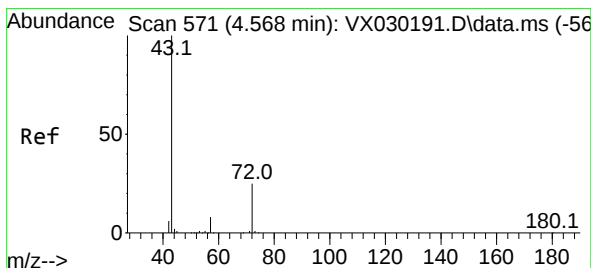
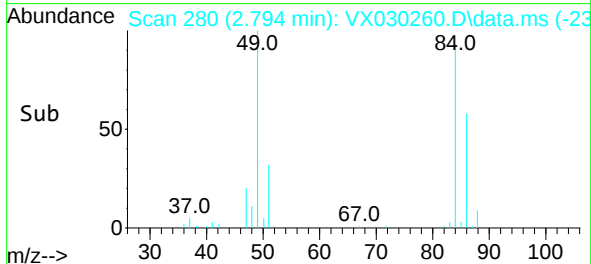
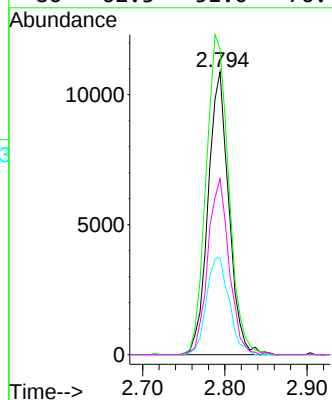
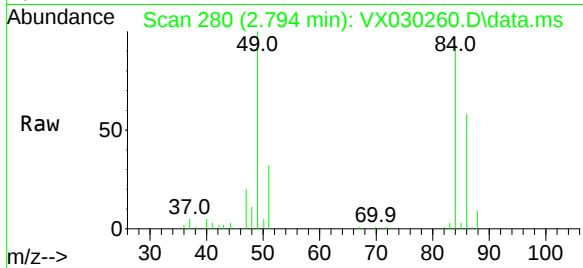




#20
Methylene Chloride
Concen: 6.088 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

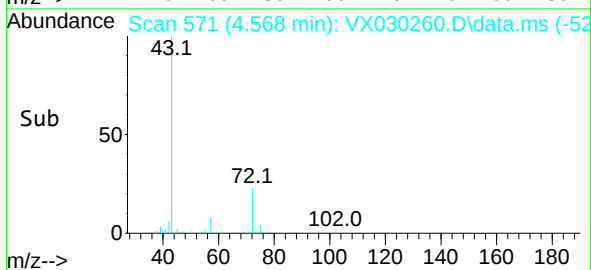
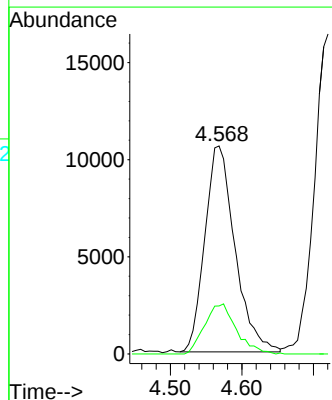
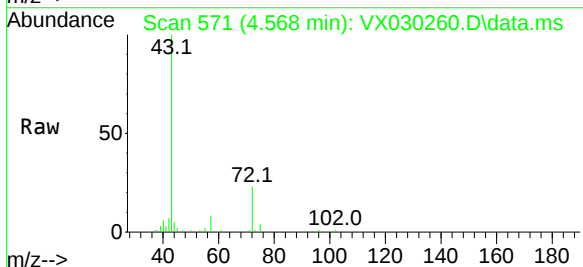
Instrument :
MSVOA_X
ClientSampleId :
S-2ND-TP

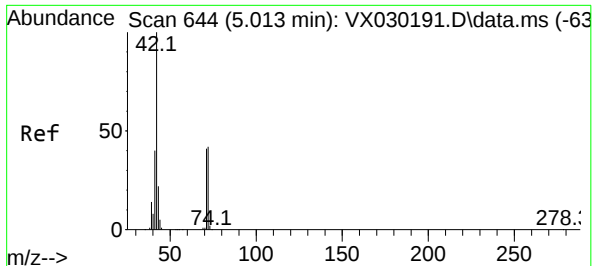
Tgt Ion:	84	Resp:	19131
Ion	Ratio	Lower	Upper
84	100		
49	108.1	93.8	140.6
51	34.3	29.4	44.0
86	62.3	51.0	76.4



#25
2-Butanone
Concen: 13.758 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Tgt Ion:	43	Resp:	31032
Ion	Ratio	Lower	Upper
43	100		
72	23.3	21.7	32.5





#29

Tetrahydrofuran

Concen: 7.533 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX030260.D

Acq: 28 Jul 2022 03:10

Instrument :

MSVOA_X

ClientSampleId :

S-2ND-TP

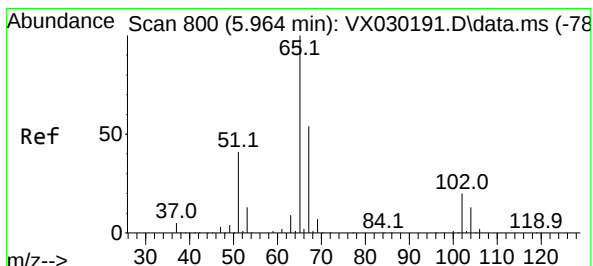
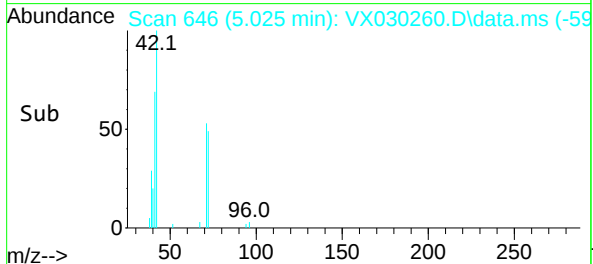
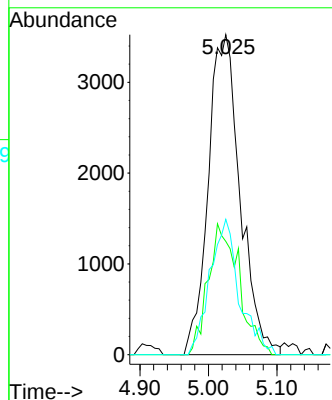
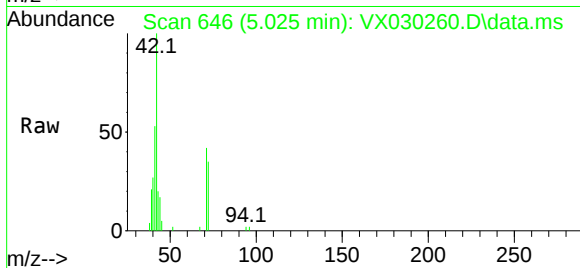
Tgt Ion: 42 Resp: 11433

Ion Ratio Lower Upper

42 100

72 39.6 36.5 54.7

71 38.9 33.9 50.9



#33

1,2-Dichloroethane-d4

Concen: 56.368 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030260.D

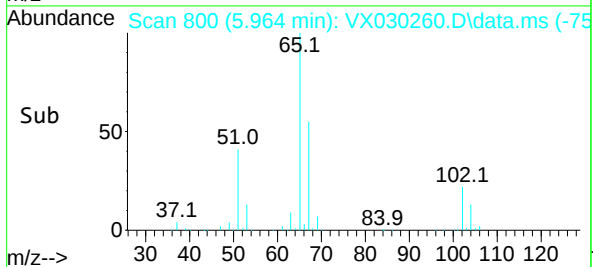
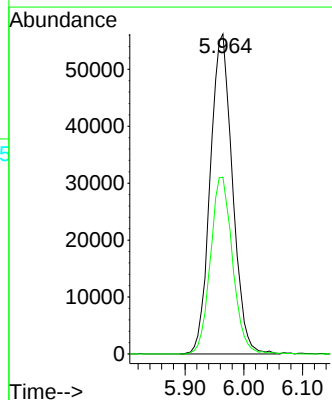
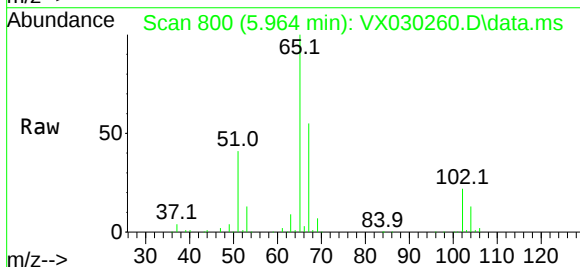
Acq: 28 Jul 2022 03:10

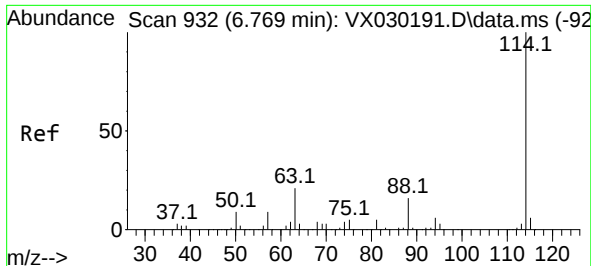
Tgt Ion: 65 Resp: 147785

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6

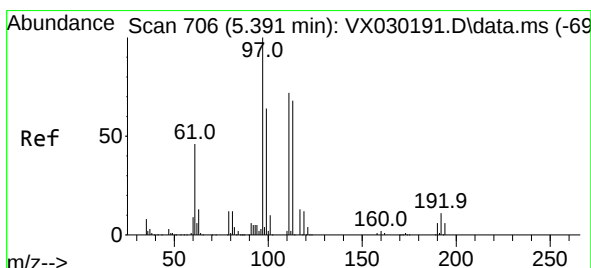
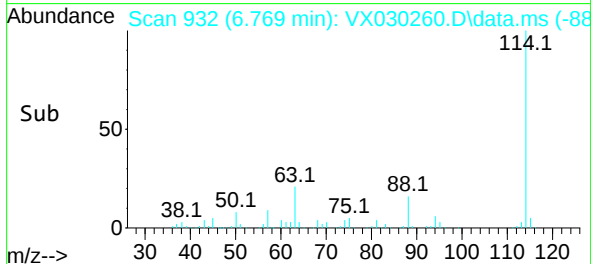
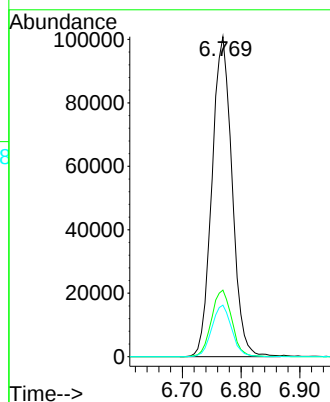
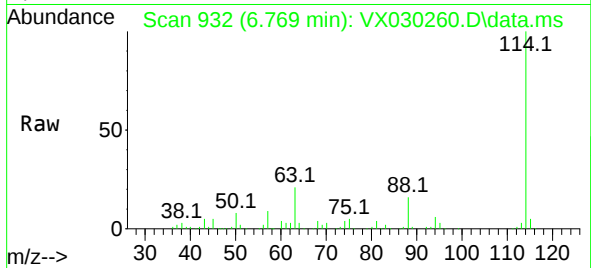




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

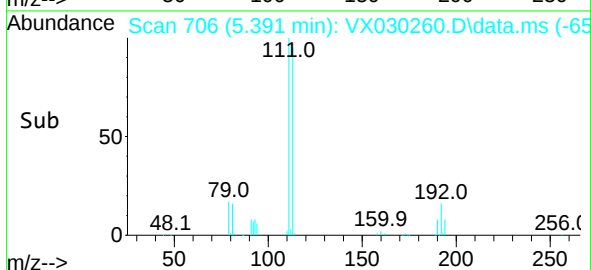
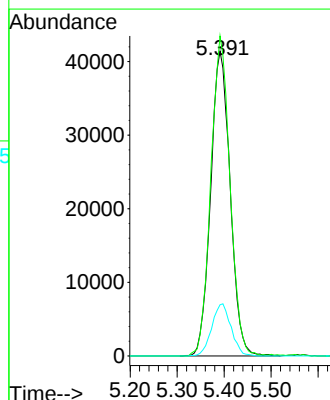
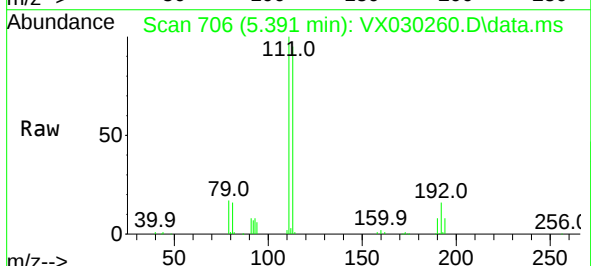
Instrument :
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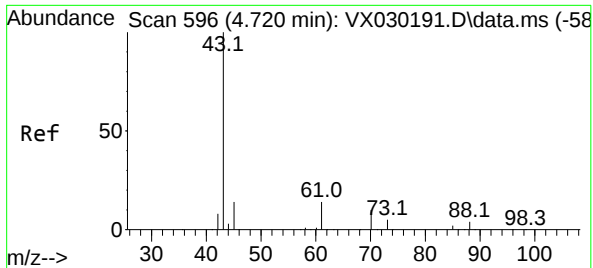
Tgt Ion:114 Resp: 239787
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.4
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.082 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Tgt Ion:113 Resp: 119385
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 16.9 14.8 22.2

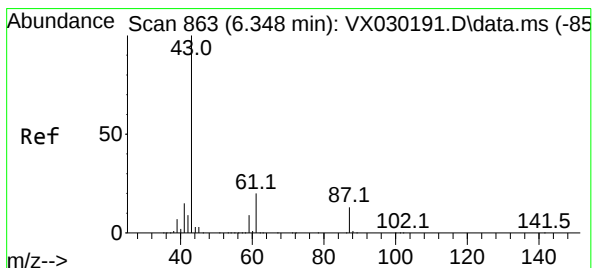
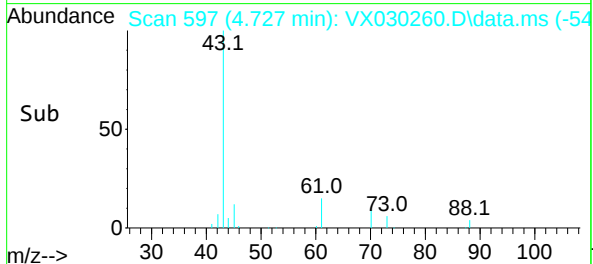
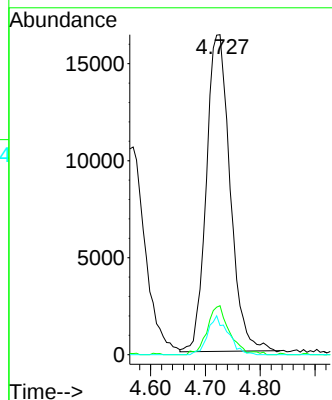
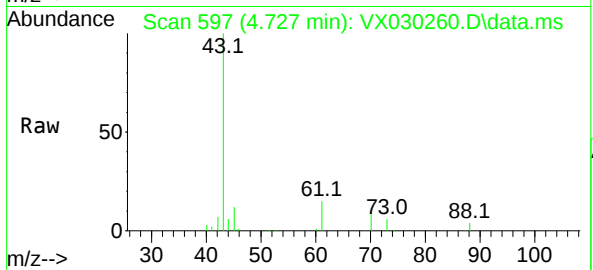




#37
Ethyl Acetate
Concen: 10.524 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

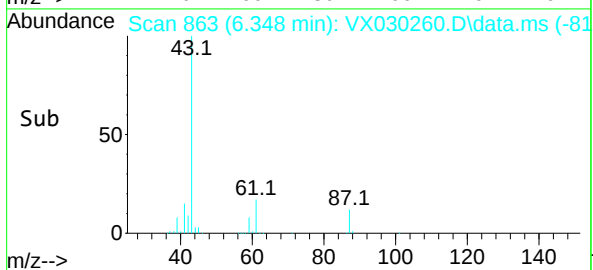
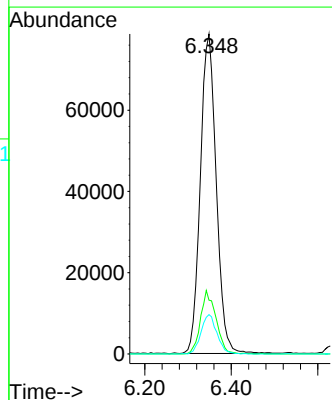
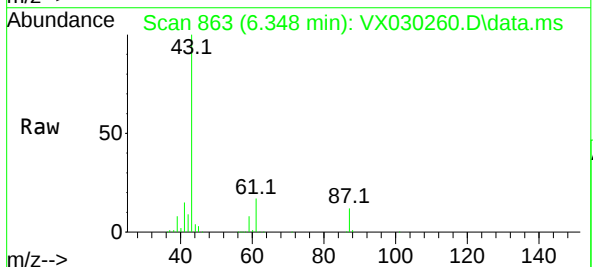
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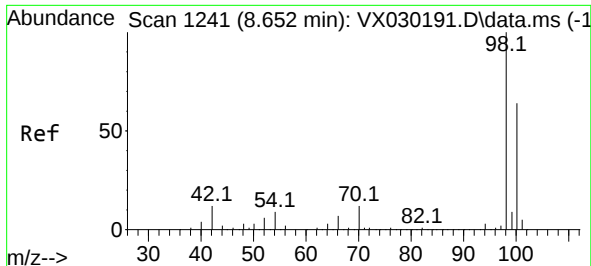
Tgt Ion: 43 Resp: 49161
Ion Ratio Lower Upper
43 100
61 14.1 11.7 17.5
70 10.5 9.3 13.9



#43
Isopropyl Acetate
Concen: 29.316 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Tgt Ion: 43 Resp: 200758
Ion Ratio Lower Upper
43 100
61 19.2 16.5 24.7
87 12.3 11.1 16.7

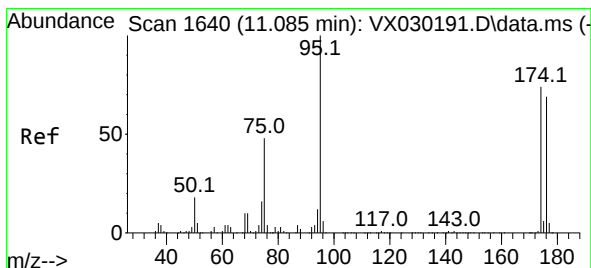
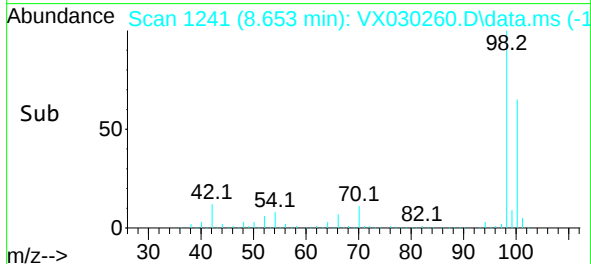
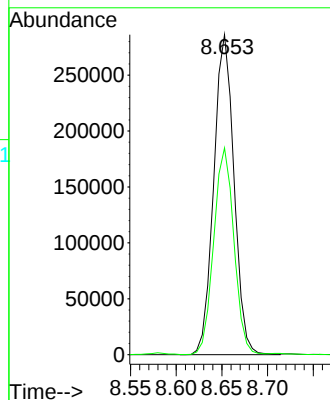
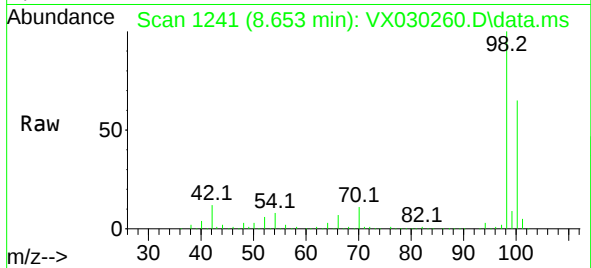




#50
Toluene-d8
Concen: 49.673 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

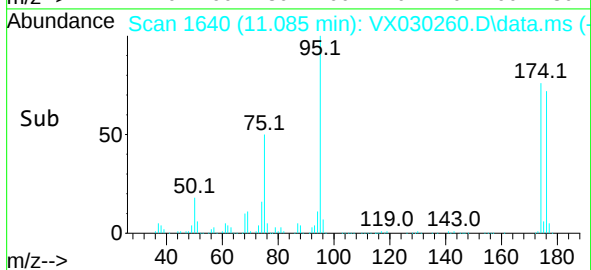
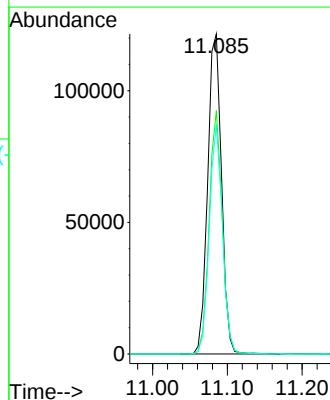
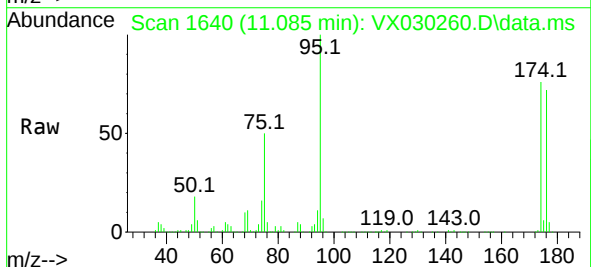
Instrument :
MSVOA_X
ClientSampleId :
S-2ND-TP

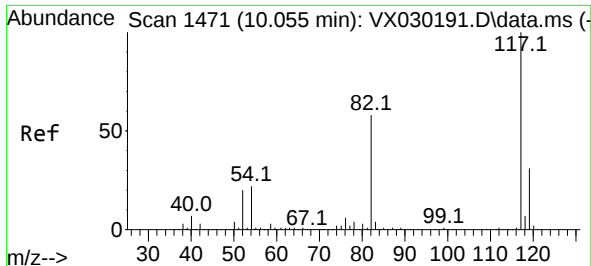
Tgt Ion: 98 Resp: 440952
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Tgt Ion: 95 Resp: 155953
Ion Ratio Lower Upper
95 100
174 72.6 0.0 149.0
176 67.8 0.0 146.0

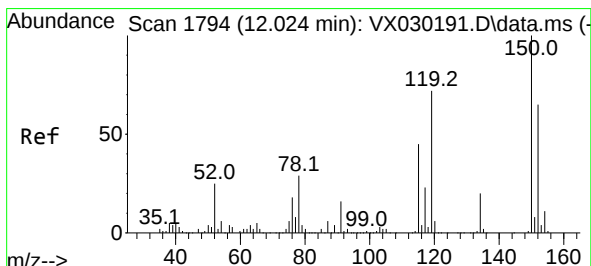
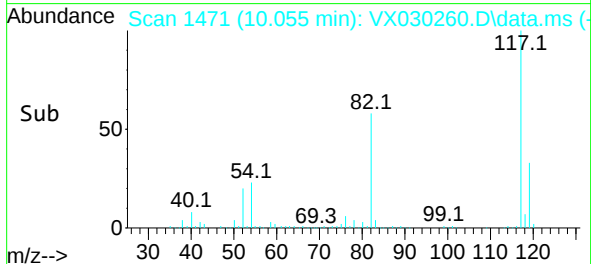
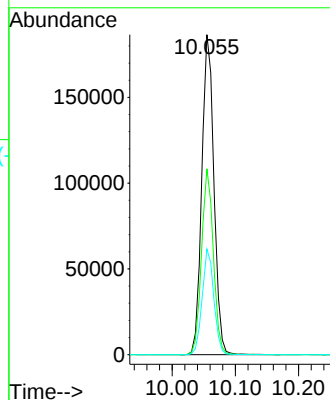
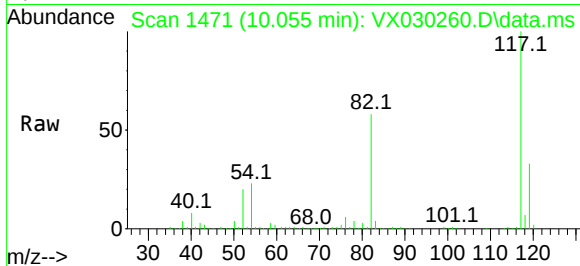




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Instrument :
MSVOA_X
ClientSampleId :
S-2ND-TP

Tgt Ion:117 Resp: 249291
Ion Ratio Lower Upper
117 100
82 58.1 42.7 64.1
119 33.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030260.D
Acq: 28 Jul 2022 03:10

Tgt Ion:152 Resp: 133683
Ion Ratio Lower Upper
152 100
115 60.0 40.5 121.5
150 159.1 0.0 347.0

