

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032391.D
 Acq On : 26 Oct 2022 02:06
 Operator : JC/MD
 Sample : N5267-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP4-1024

Quant Time: Oct 27 14:21:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

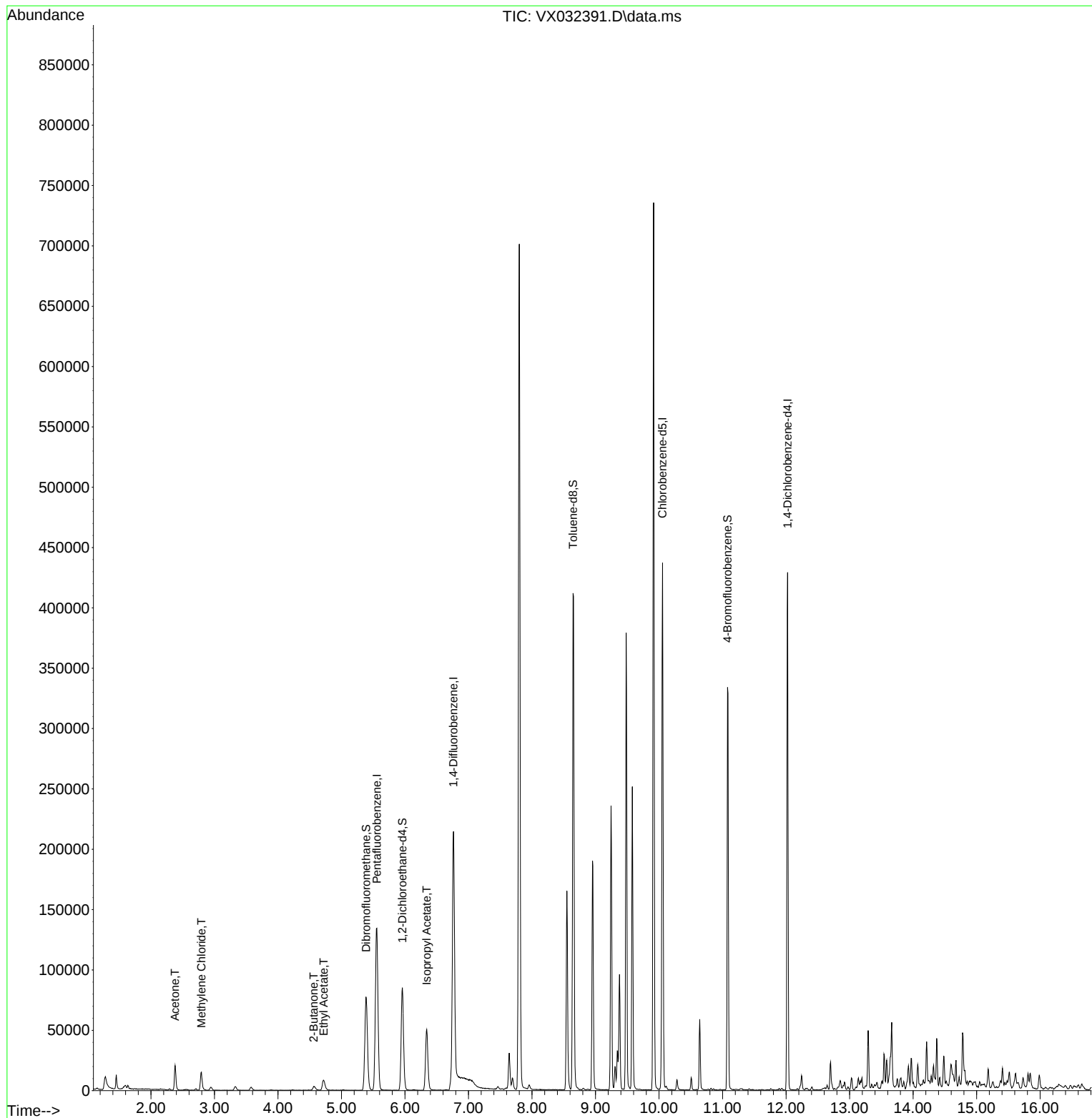
Internal Standards						
1) Pentafluorobenzene	5.556	168	128803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83712	49.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.920%
35) Dibromofluoromethane	5.385	113	66193	46.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	248630	48.115	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	87028	45.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.980%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	22088	40.621	ug/l	98
20) Methylene Chloride	2.794	84	7528	5.392	ug/l	98
25) 2-Butanone	4.562	43	5340	6.290	ug/l	95
37) Ethyl Acetate	4.721	43	15426	8.532	ug/l	99
43) Isopropyl Acetate	6.342	43	69514	24.497	ug/l	99

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

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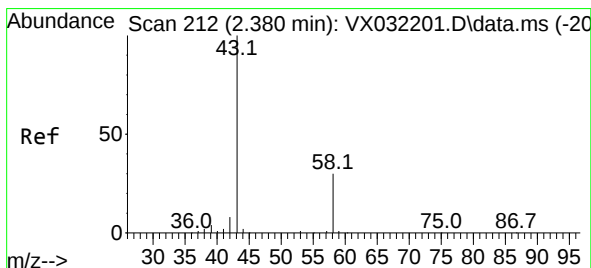
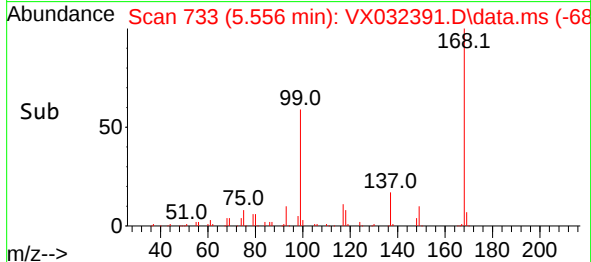
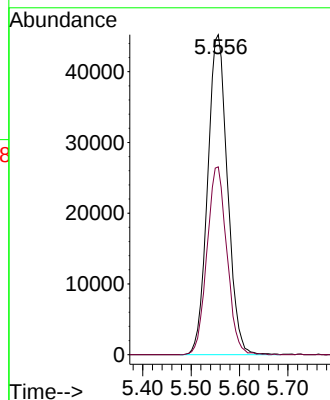
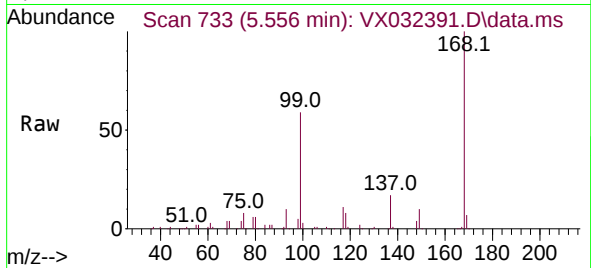




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

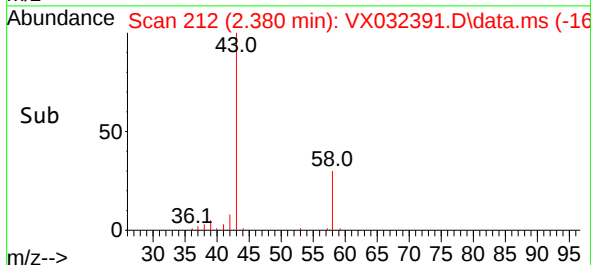
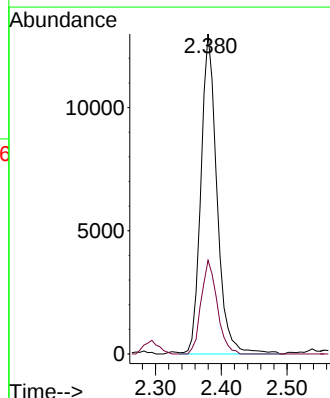
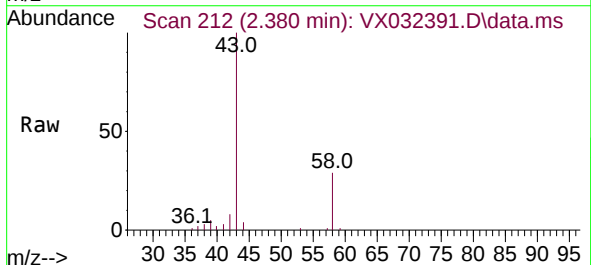
Instrument :
MSVOA_X
ClientSampleId :
TP4-1024

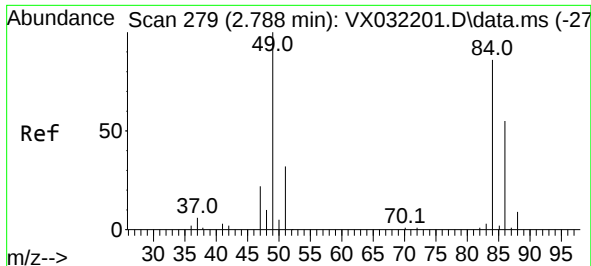
Tgt Ion:168 Resp: 128803
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#16
Acetone
Concen: 40.621 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

Tgt Ion: 43 Resp: 22088
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.2

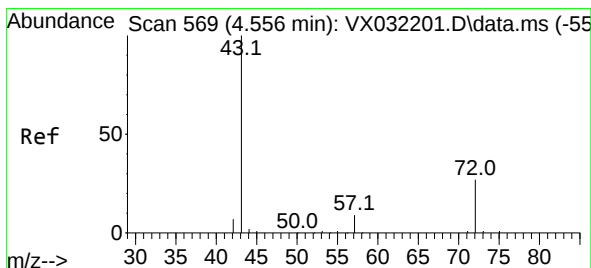
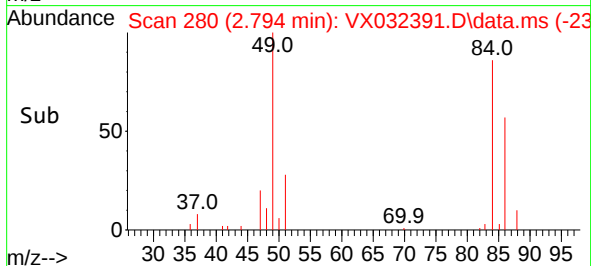
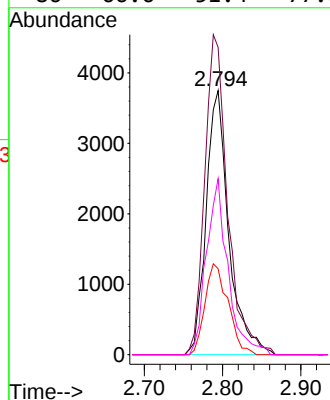
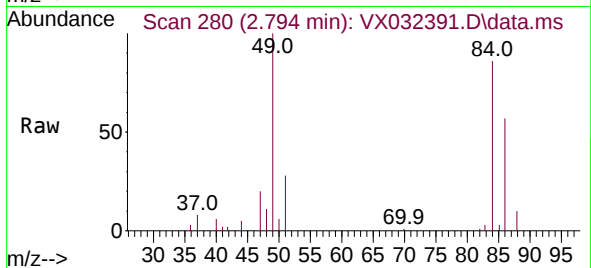




#20
Methylene Chloride
Concen: 5.392 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

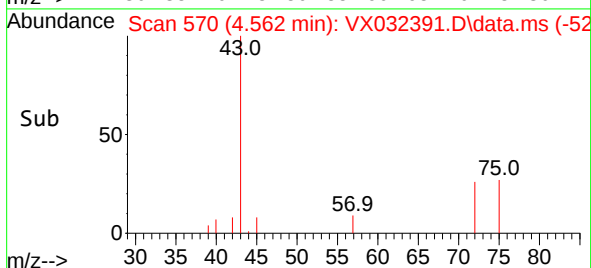
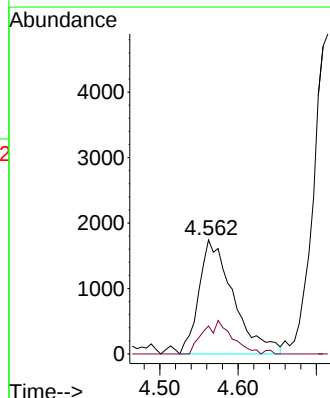
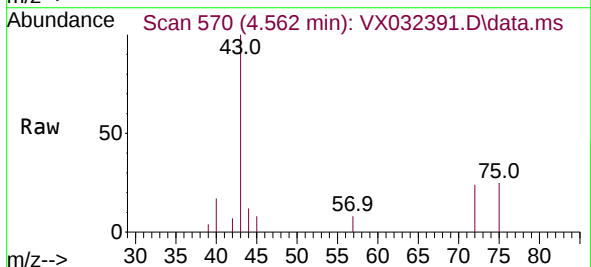
Instrument :
MSVOA_X
ClientSampleId :
TP4-1024

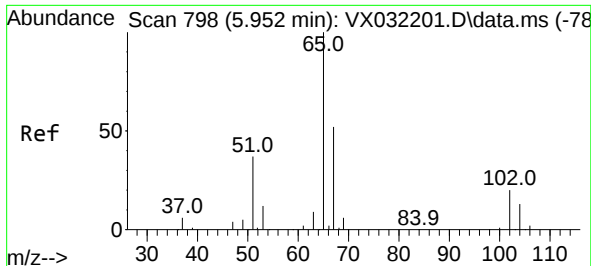
Tgt Ion: 84	Resp: 7528
Ion Ratio	Lower Upper
84 100	
49 116.3	92.6 139.0
51 32.6	29.2 43.8
86 66.6	51.4 77.0



#25
2-Butanone
Concen: 6.290 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

Tgt Ion: 43	Resp: 5340		
Ion Ratio	Lower	Upper	
43 100			
72 24.5	21.7	32.5	





#33

1,2-Dichloroethane-d4

Concen: 49.960 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032391.D

Acq: 26 Oct 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

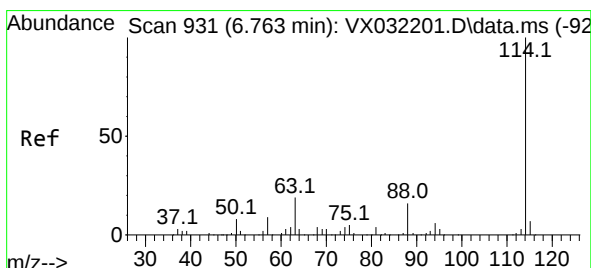
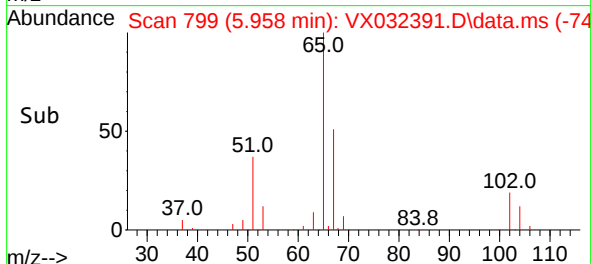
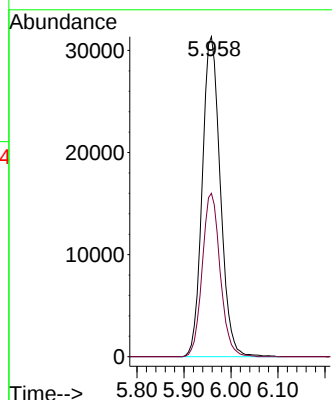
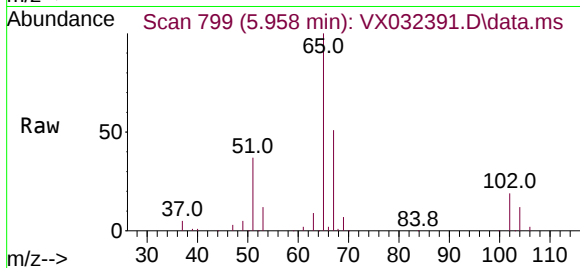
TP4-1024

Tgt Ion: 65 Resp: 83712

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032391.D

Acq: 26 Oct 2022 02:06

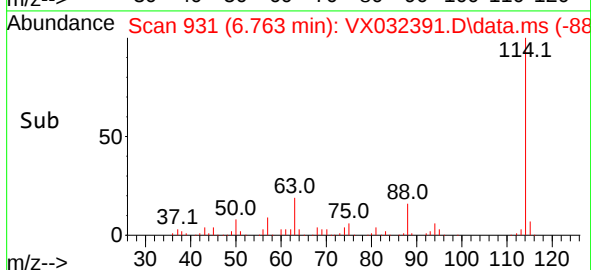
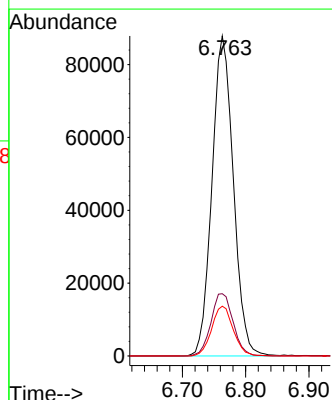
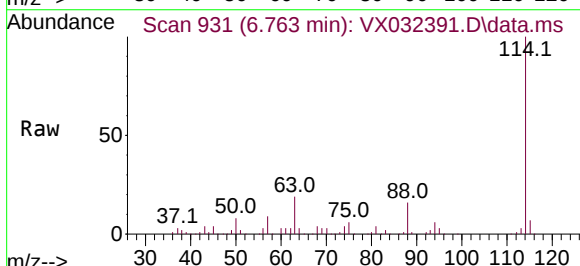
Tgt Ion: 114 Resp: 206290

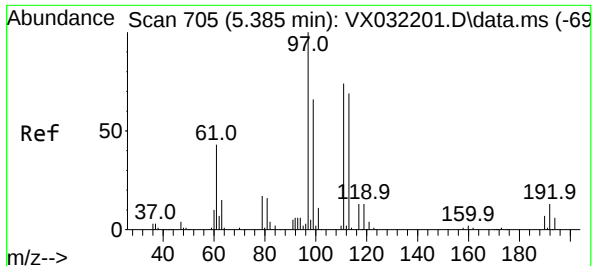
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.111 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032391.D

Acq: 26 Oct 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

TP4-1024

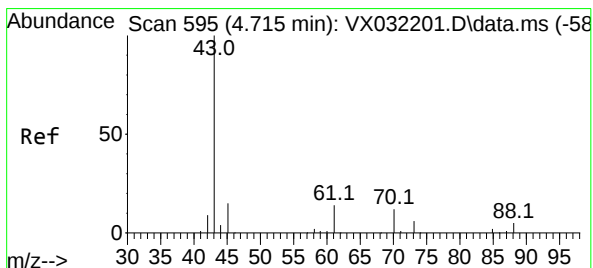
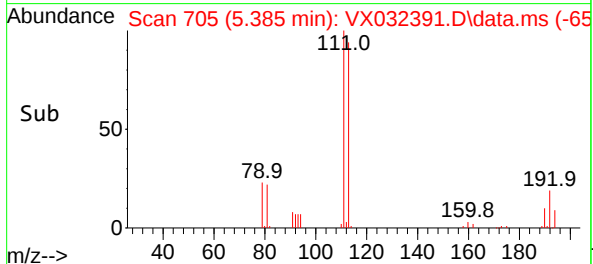
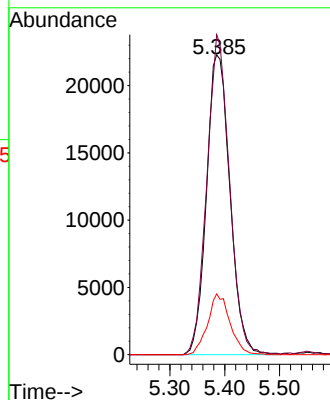
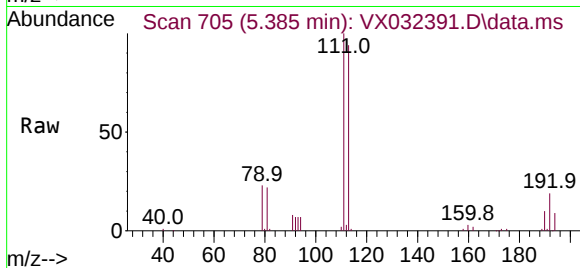
Tgt Ion:113 Resp: 66193

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 19.3 15.5 23.3



#37

Ethyl Acetate

Concen: 8.532 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX032391.D

Acq: 26 Oct 2022 02:06

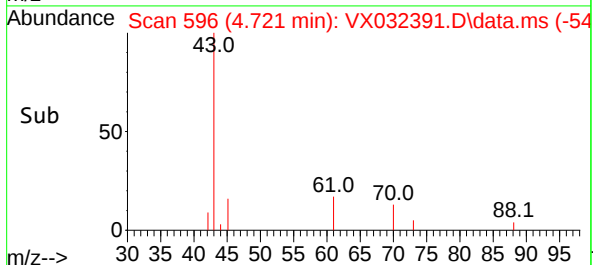
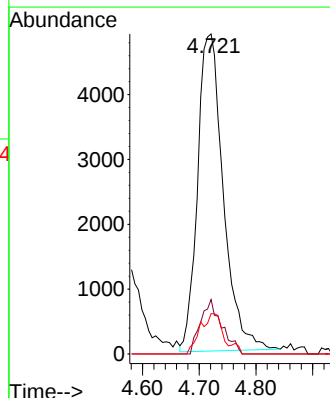
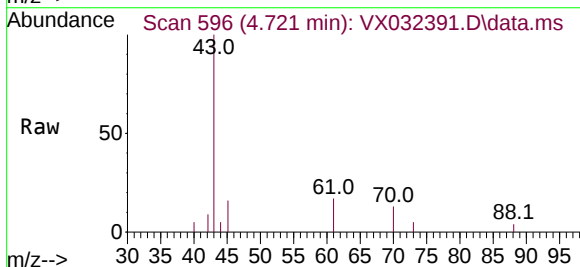
Tgt Ion: 43 Resp: 15426

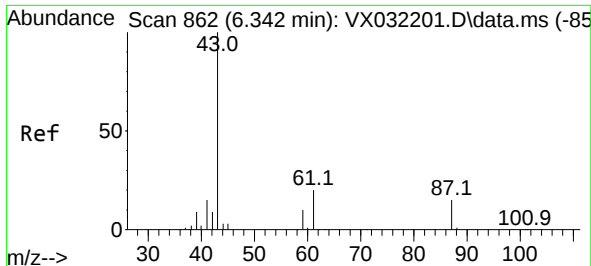
Ion Ratio Lower Upper

43 100

61 14.1 11.4 17.2

70 11.7 8.8 13.2

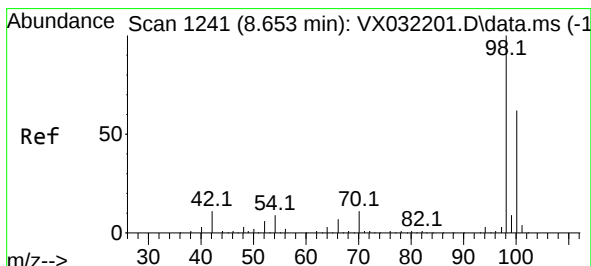
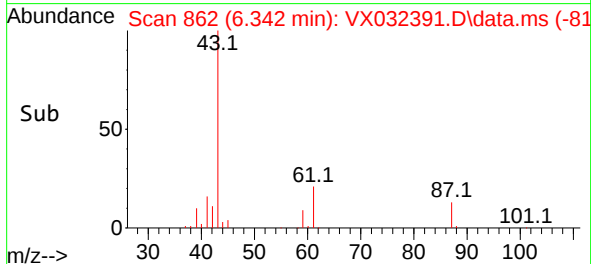
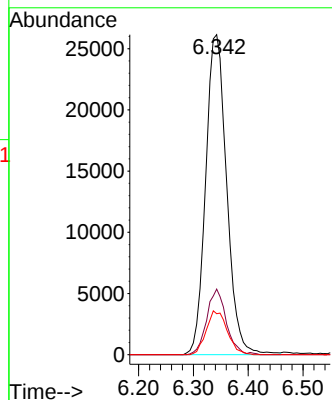
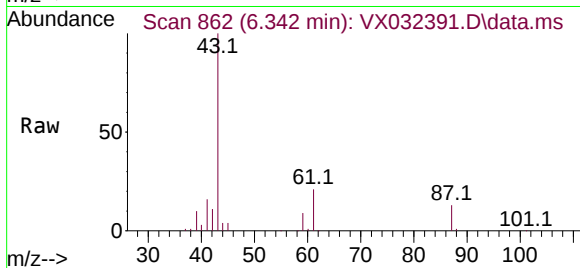




#43
Isopropyl Acetate
Concen: 24.497 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

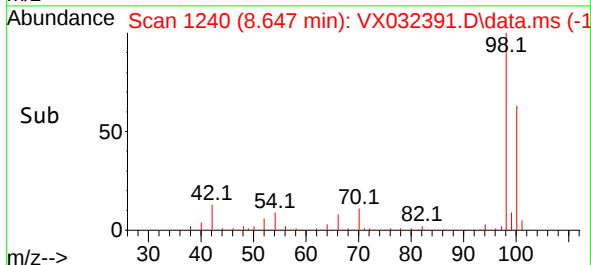
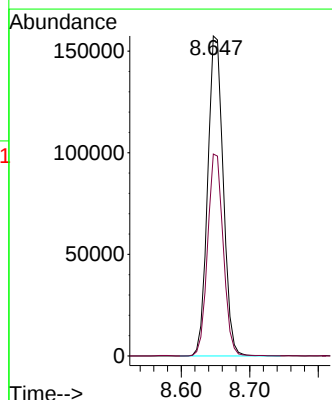
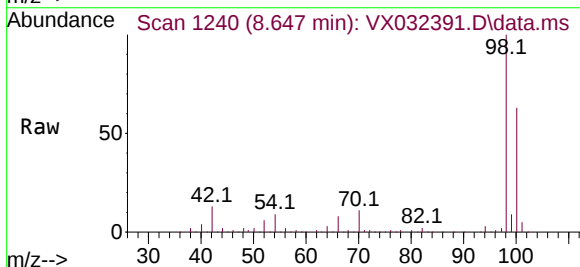
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MSVOA_X
ClientSampleId :
TP4-1024

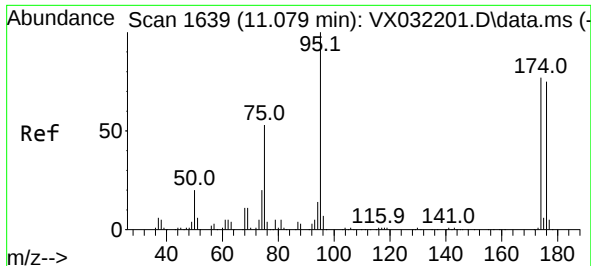
Tgt Ion: 43 Resp: 69514
Ion Ratio Lower Upper
43 100
61 18.9 15.5 23.3
87 13.7 11.0 16.6



#50
Toluene-d8
Concen: 48.115 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

Tgt Ion: 98 Resp: 248630
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1

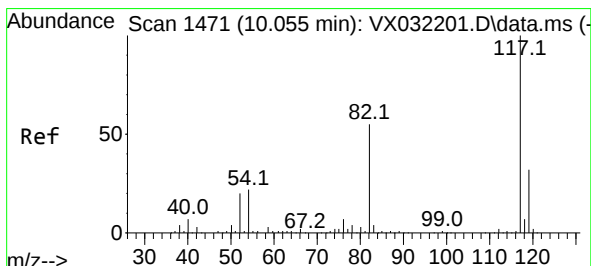
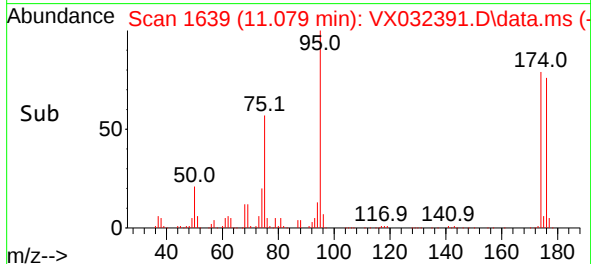
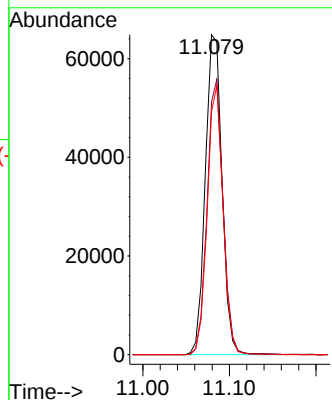
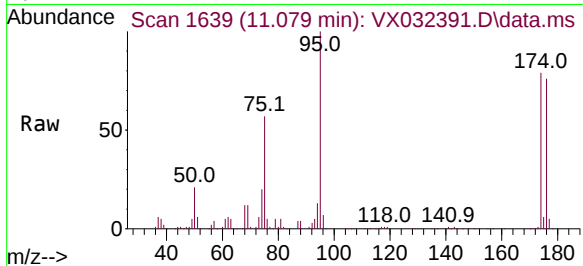




#62
4-Bromofluorobenzene
Concen: 45.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

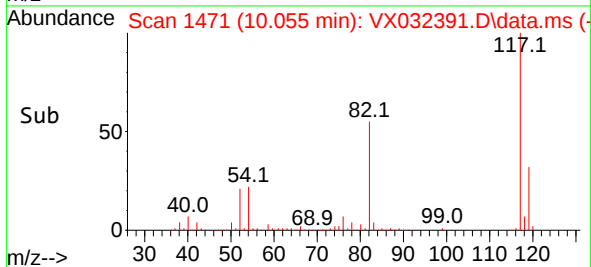
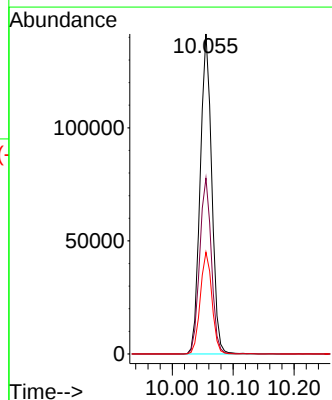
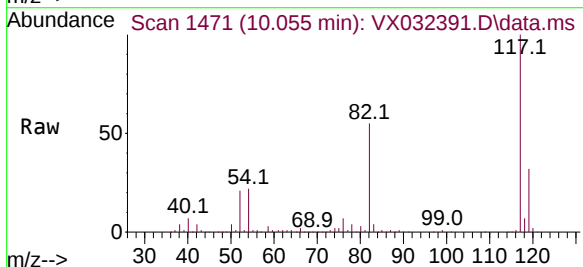
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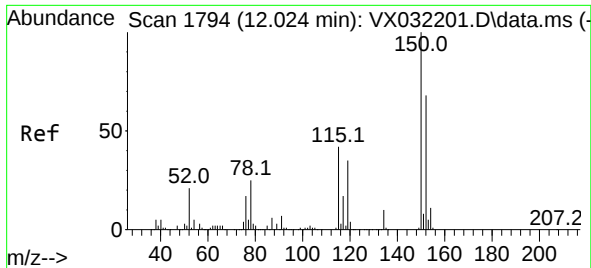
Tgt Ion: 95 Resp: 87028
Ion Ratio Lower Upper
95 100
174 82.6 0.0 166.8
176 79.1 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032391.D
Acq: 26 Oct 2022 02:06

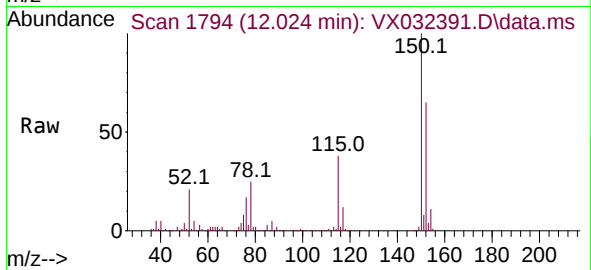
Tgt Ion: 117 Resp: 186700
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032391.D
 Acq: 26 Oct 2022 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TP4-1024



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	43.1	129.4
150	155.4	0.0	348.6

