

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047700.D
 Acq On : 22 Sep 2025 13:46
 Operator : JC/MD
 Sample : PB169755TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169755TB

Quant Time: Sep 23 01:33:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

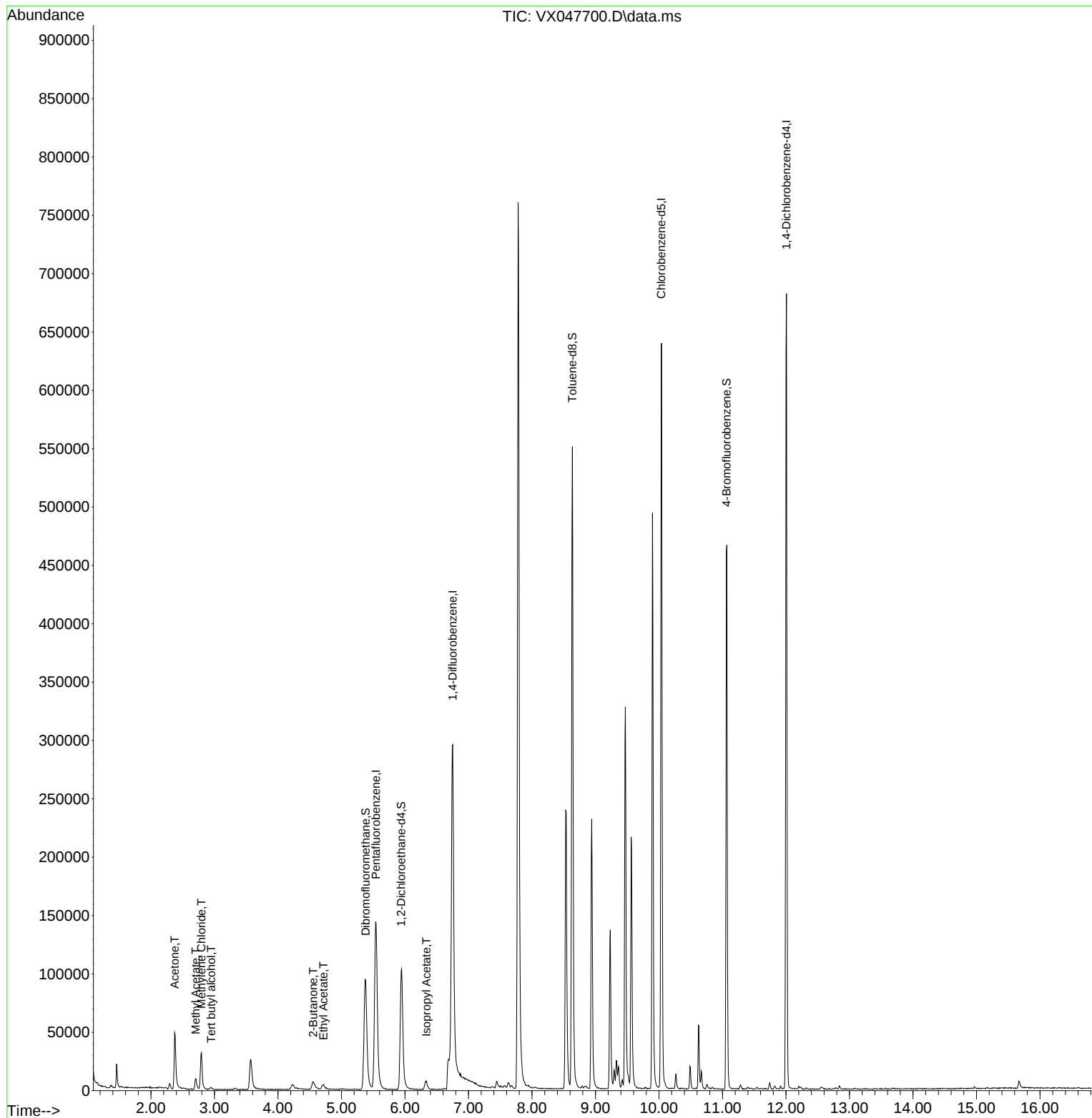
Internal Standards						
1) Pentafluorobenzene	5.544	168	146155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	299797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	289183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113788	48.911	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.379	113	93805	46.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.635	98	329401	47.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	11.061	95	136757	51.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1495	5.770	ug/l #	84
16) Acetone	2.374	43	61775	61.071	ug/l	95
18) Methyl Acetate	2.703	43	14294	6.350	ug/l	99
20) Methylene Chloride	2.794	84	15436	7.209	ug/l	95
25) 2-Butanone	4.556	43	14590	11.563	ug/l	100
37) Ethyl Acetate	4.715	43	9754	3.101	ug/l #	93
43) Isopropyl Acetate	6.336	43	11158	2.163	ug/l	99

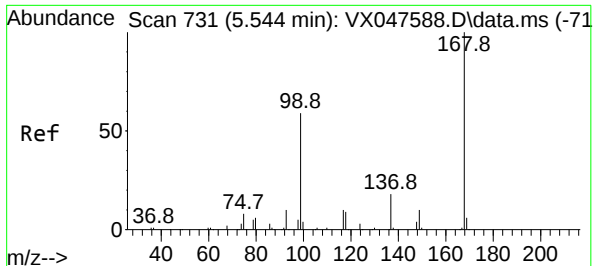
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
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ClientSampleId :
PB169755TB

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Quant Title : SW846 8260
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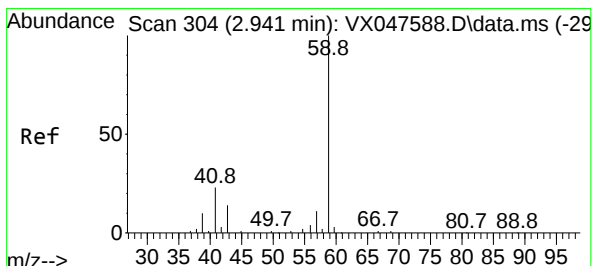
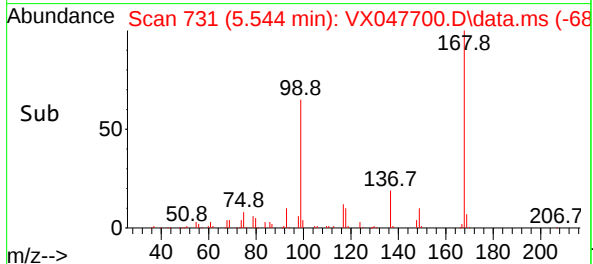
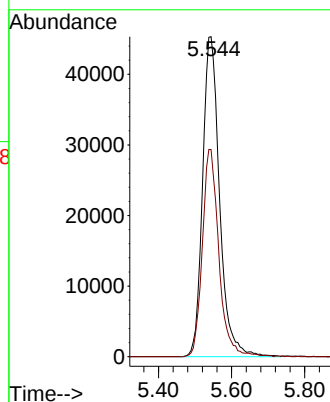
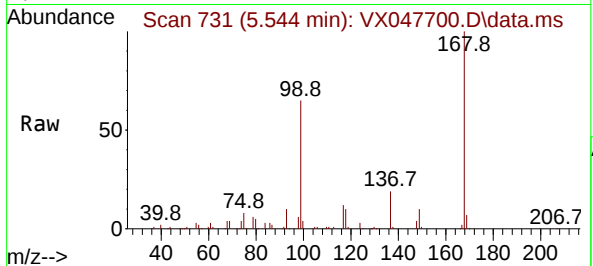




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

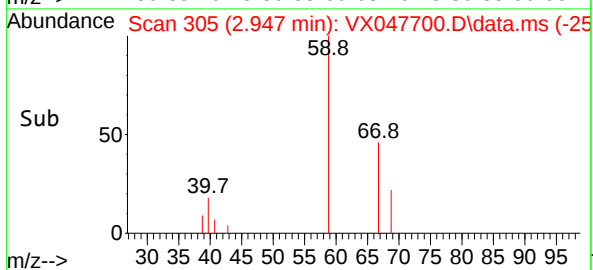
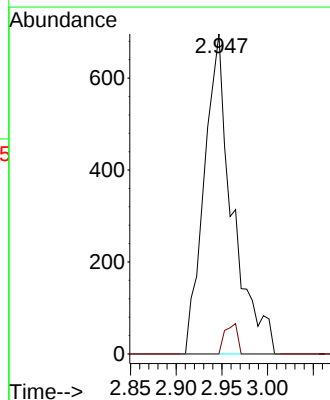
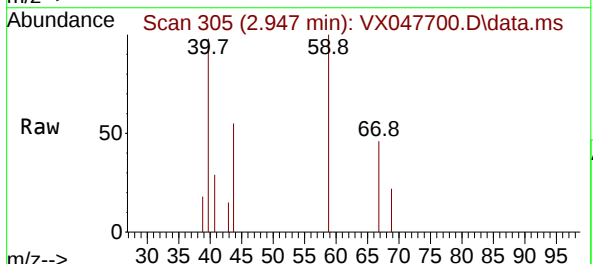
Instrument :
MSVOA_X
ClientSampleId :
PB169755TB

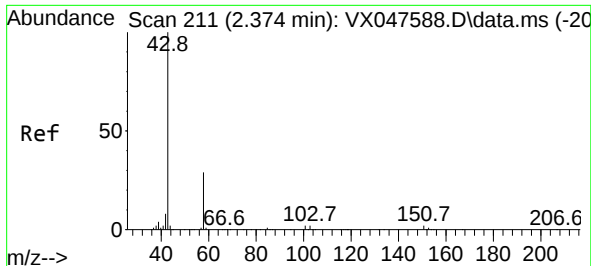
Tgt Ion:168 Resp: 146155
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 5.770 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

Tgt Ion: 59 Resp: 1495
Ion Ratio Lower Upper
59 100
57 4.3 8.3 12.5#

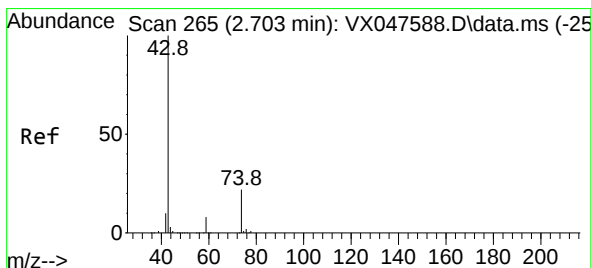
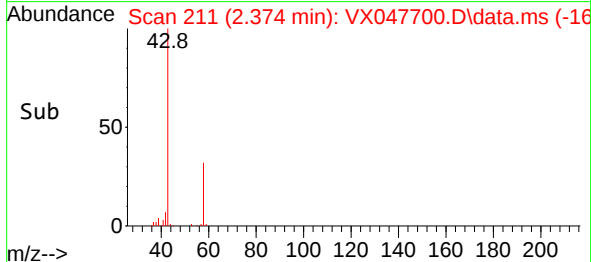
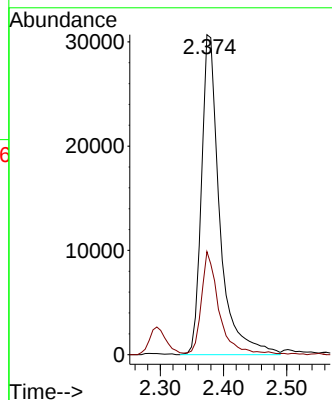
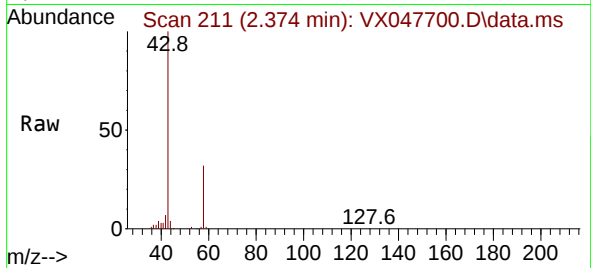




#16
Acetone
Concen: 61.071 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

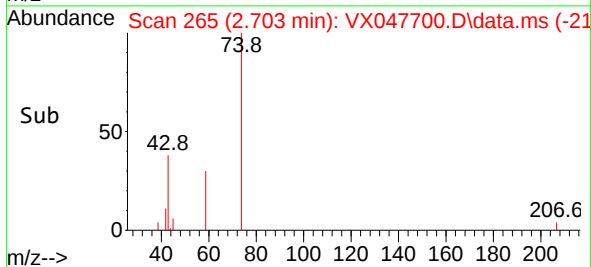
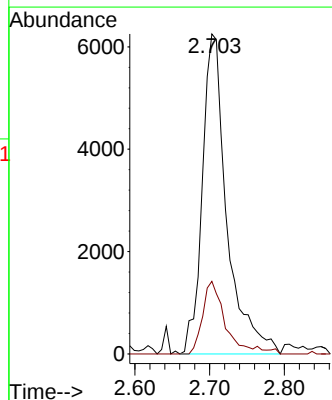
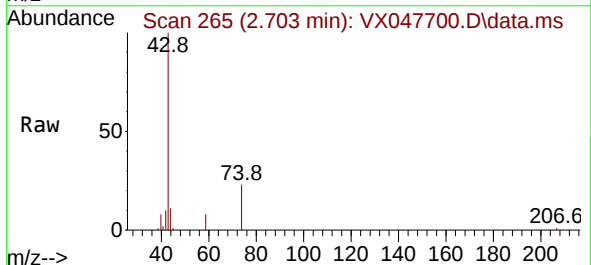
Instrument :
MSVOA_X
ClientSampleId :
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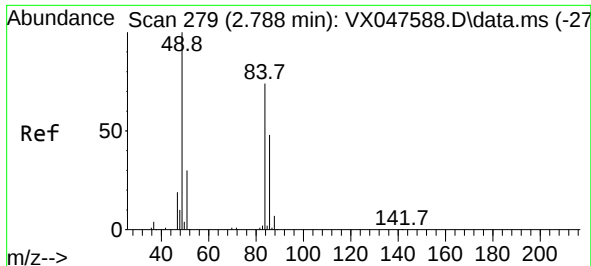
Tgt Ion: 43 Resp: 61775
Ion Ratio Lower Upper
43 100
58 32.1 23.4 35.0



#18
Methyl Acetate
Concen: 6.350 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

Tgt Ion: 43 Resp: 14294
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.2

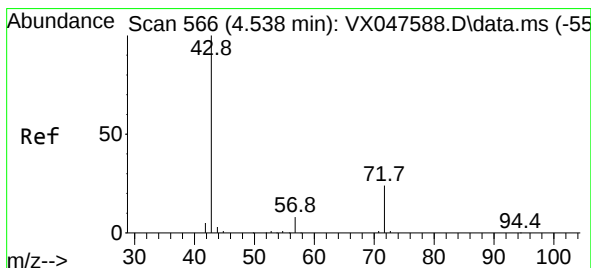
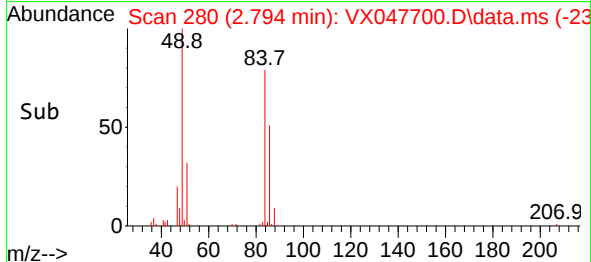
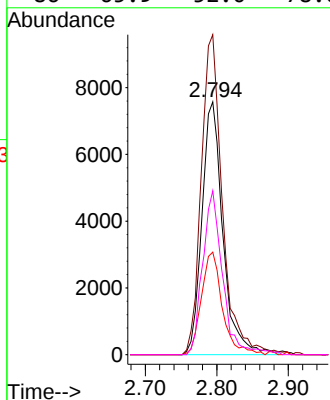
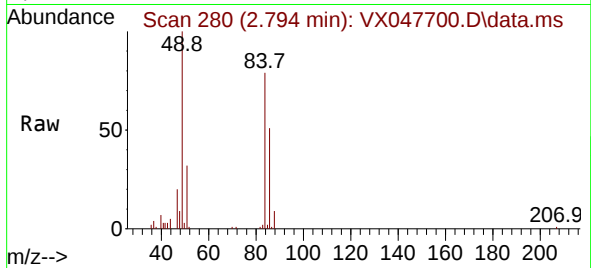




#20
Methylene Chloride
Concen: 7.209 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

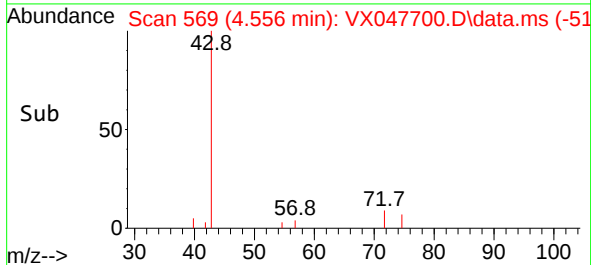
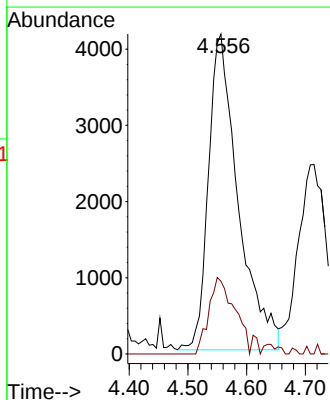
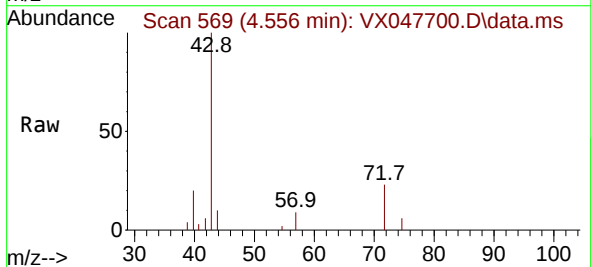
Instrument :
MSVOA_X
ClientSampleId :
PB169755TB

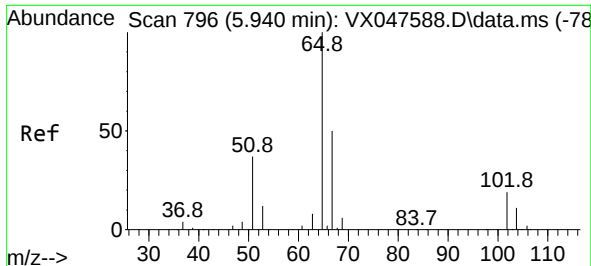
Tgt Ion:	84	Resp:	15436
Ion	Ratio	Lower	Upper
84	100		
49	126.5	108.6	162.8
51	40.5	32.6	48.8
86	65.9	52.0	78.0



#25
2-Butanone
Concen: 11.563 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

Tgt Ion:	43	Resp:	14590
Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.1	30.1





#33

1,2-Dichloroethane-d4

Concen: 48.911 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047700.D

Acq: 22 Sep 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

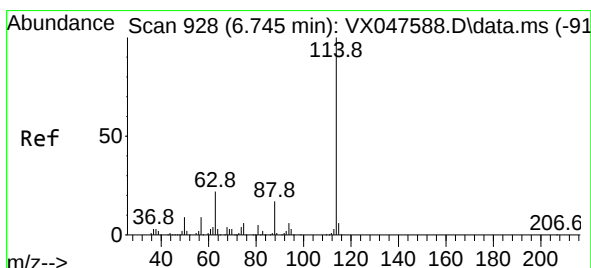
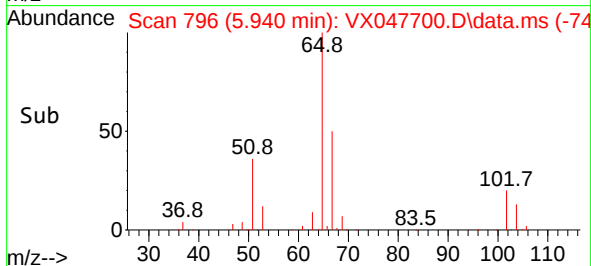
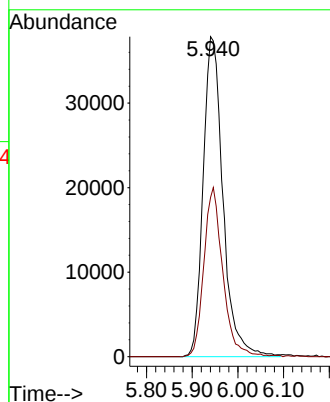
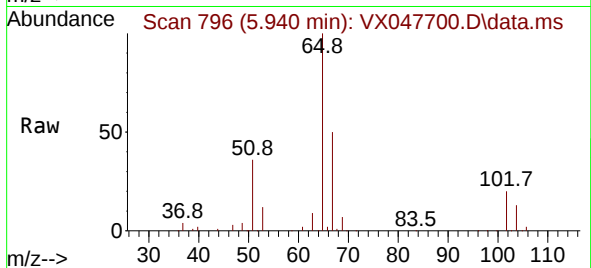
PB169755TB

Tgt Ion: 65 Resp: 113788

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047700.D

Acq: 22 Sep 2025 13:46

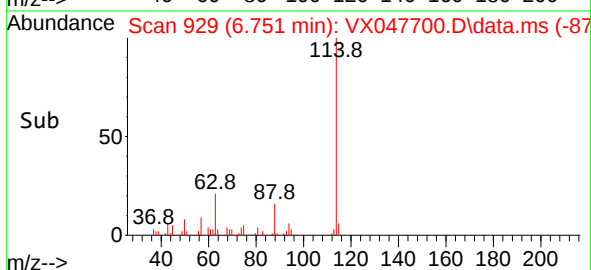
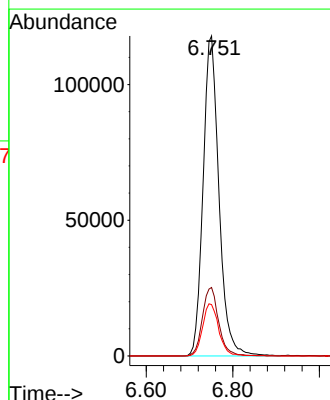
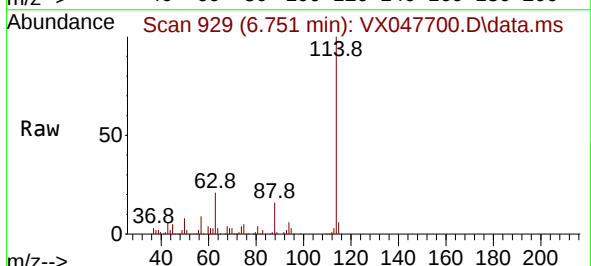
Tgt Ion: 114 Resp: 299797

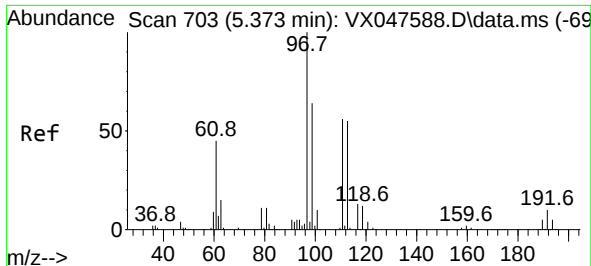
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.1 0.0 34.2

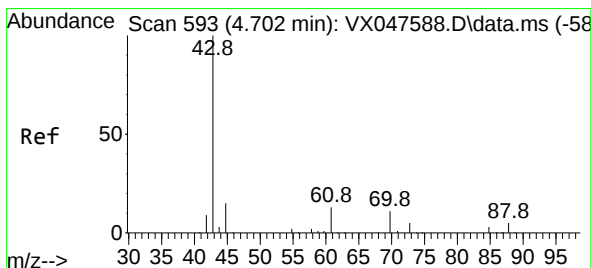
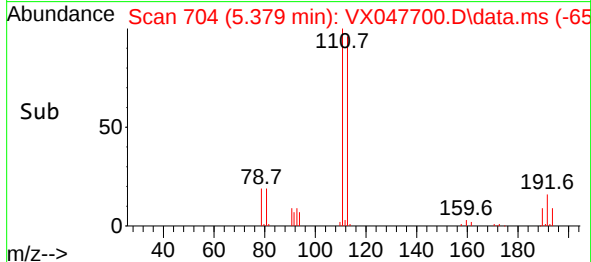
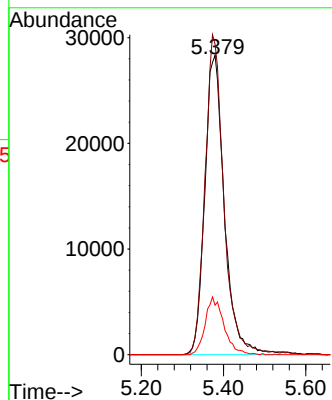
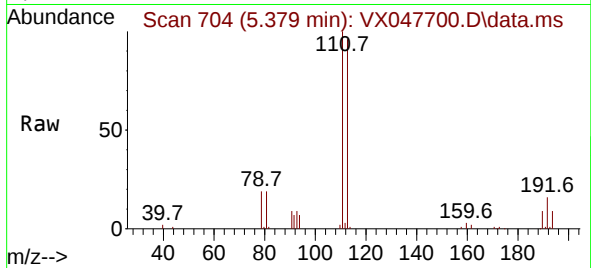




#35
Dibromofluoromethane
Concen: 46.655 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

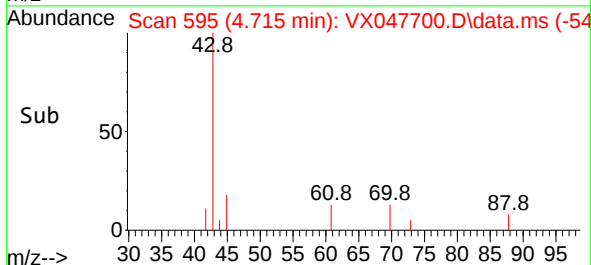
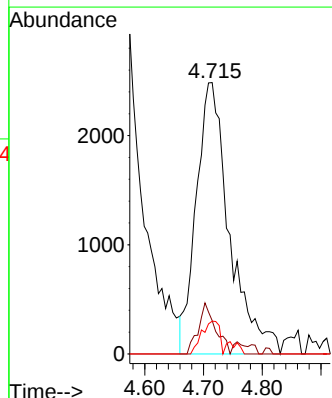
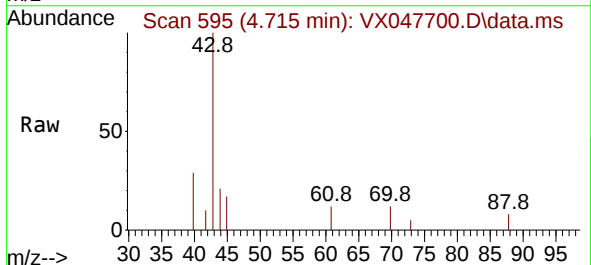
Instrument :
MSVOA_X
ClientSampleId :
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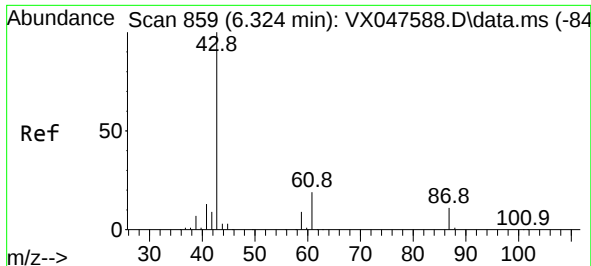
Tgt Ion:113 Resp: 93805
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.4 14.2 21.4



#37
Ethyl Acetate
Concen: 3.101 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

Tgt Ion: 43 Resp: 9754
Ion Ratio Lower Upper
43 100
61 9.7 9.8 14.8#
70 6.8 7.9 11.9#

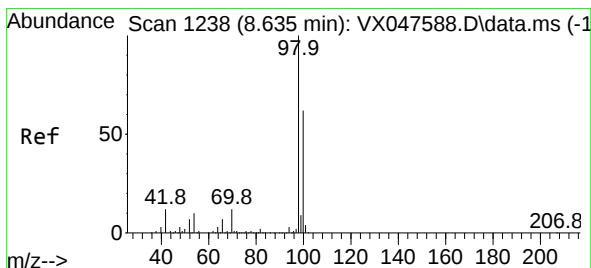
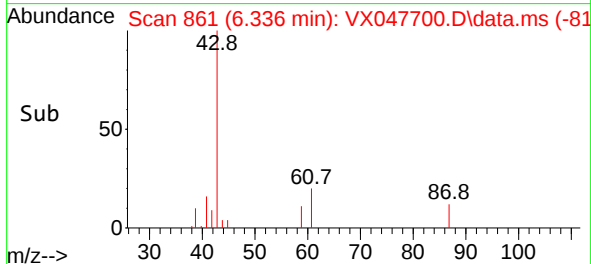
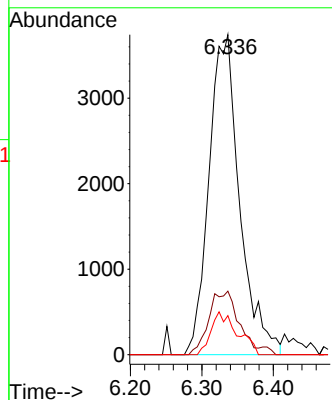
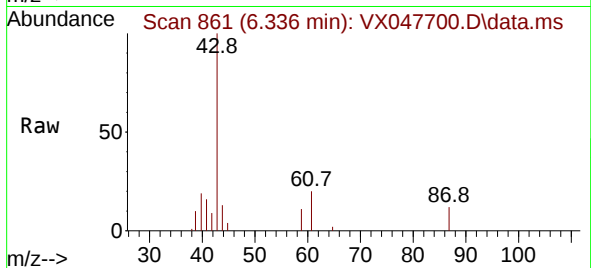




#43
Isopropyl Acetate
Concen: 2.163 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

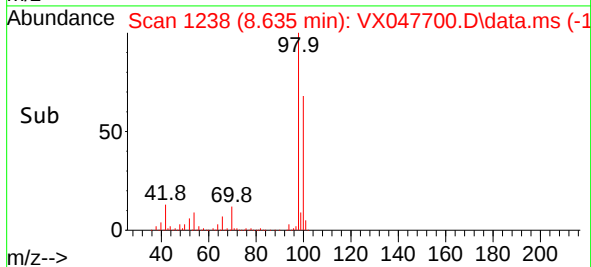
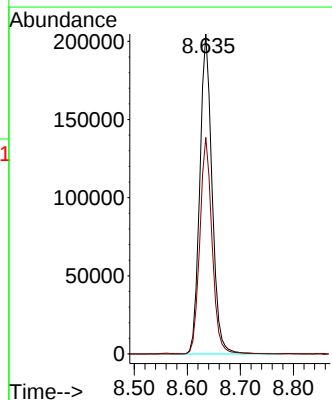
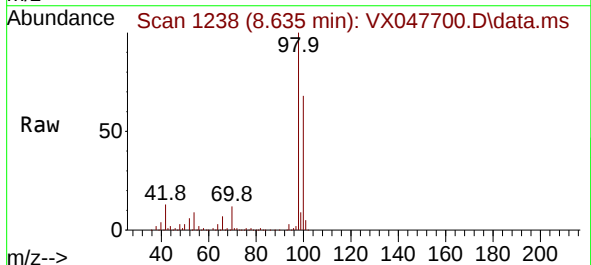
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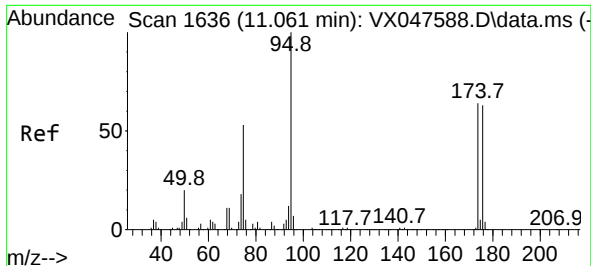
Tgt Ion: 43 Resp: 11158
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 11.5 9.6 14.4



#50
Toluene-d8
Concen: 47.348 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

Tgt Ion: 98 Resp: 329401
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4

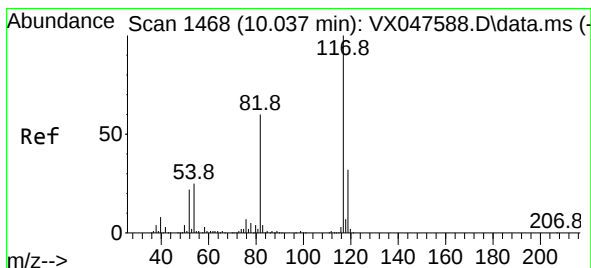
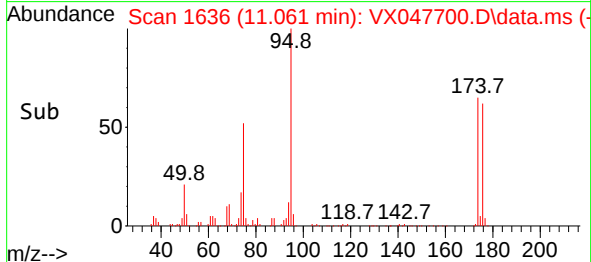
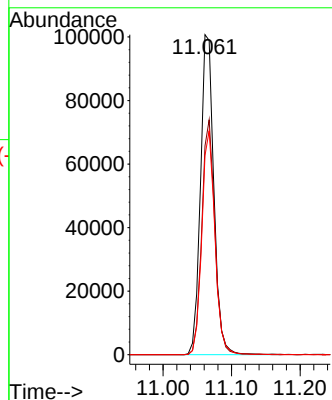
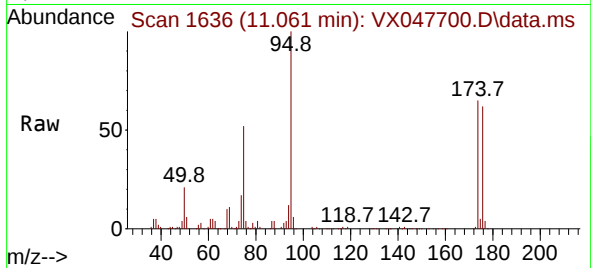




#62
4-Bromofluorobenzene
Concen: 51.795 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

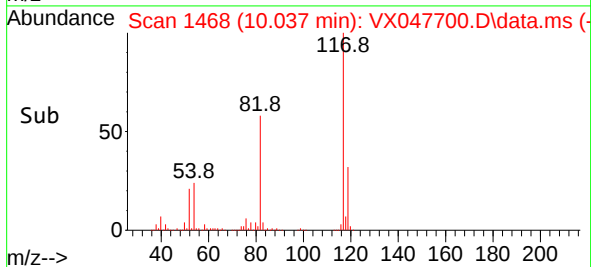
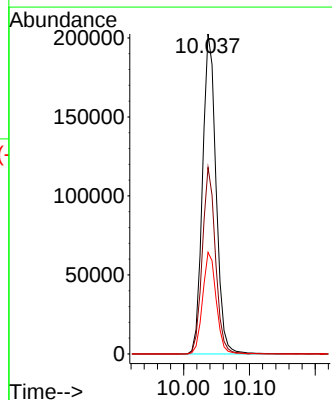
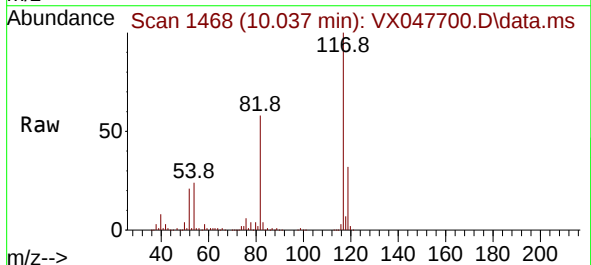
Instrument :
MSVOA_X
ClientSampleId :
PB169755TB

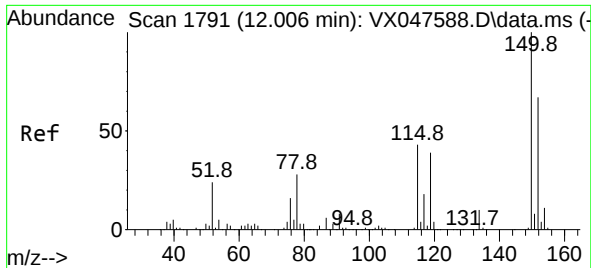
Tgt Ion: 95 Resp: 136757
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047700.D
Acq: 22 Sep 2025 13:46

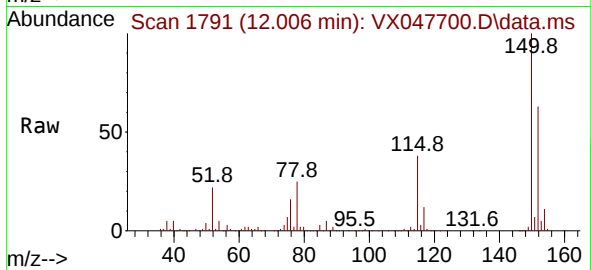
Tgt Ion: 117 Resp: 289183
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047700.D
 Acq: 22 Sep 2025 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169755TB



Tgt Ion:152 Resp: 140425
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 158.3 0.0 352.0

