

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037489.D
 Acq On : 02 Sep 2023 17:39
 Operator : JC/MD
 Sample : 04269-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123-FD

Quant Time: Sep 04 04:30:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

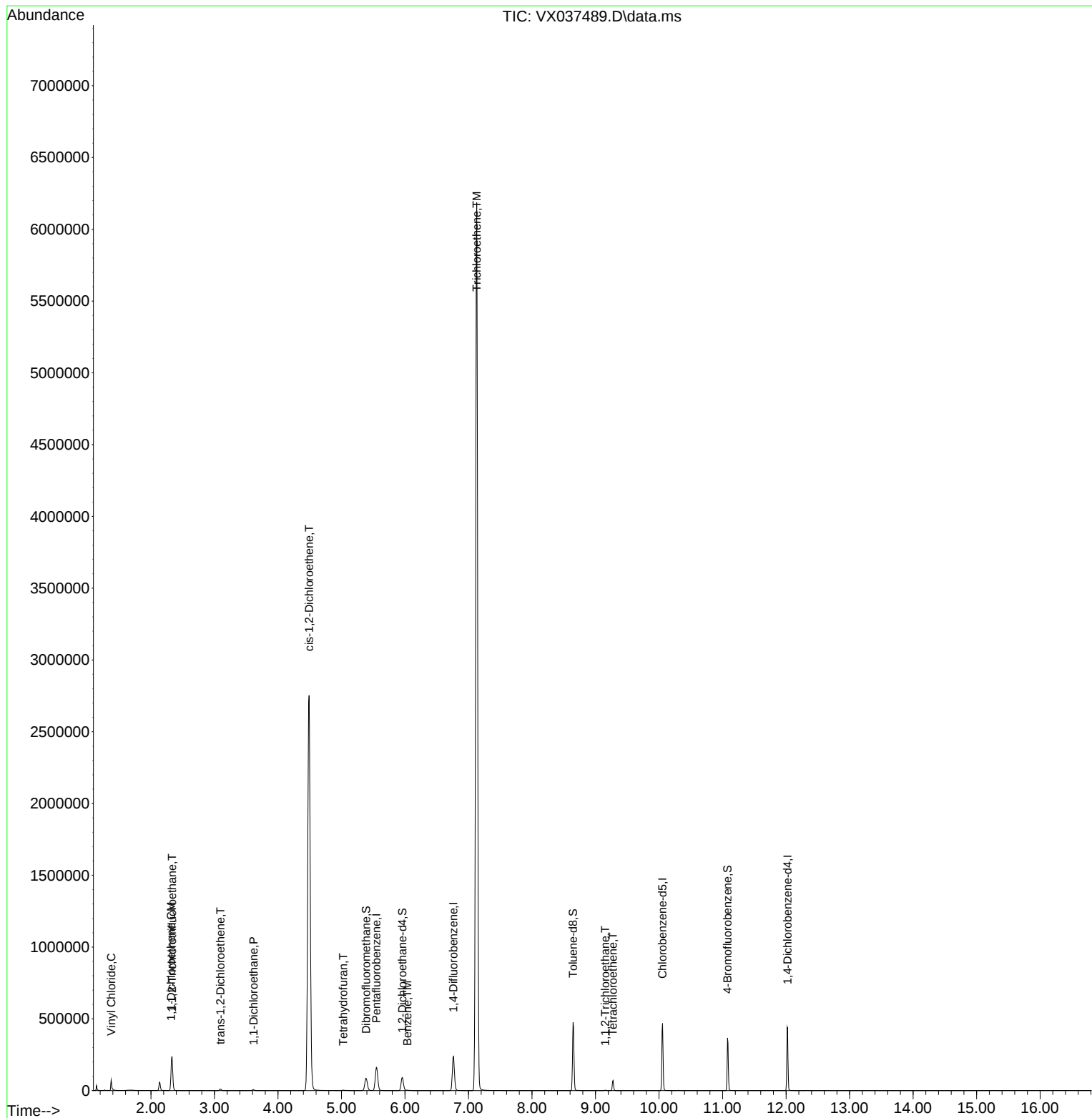
Internal Standards						
1) Pentafluorobenzene	5.549	168	153640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91286	41.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.420%
35) Dibromofluoromethane	5.385	113	77747	46.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.646	98	296200	48.396	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.079	95	104298	43.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.720%
Target Compounds						
4) Vinyl Chloride	1.373	62	54878	32.290	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	93306	57.451	ug/l	97
12) 1,1-Dichloroethene	2.318	96	6660	4.211	ug/l	83
21) trans-1,2-Dichloroethene	3.093	96	5104	2.839	ug/l	83
24) 1,1-Dichloroethane	3.617	63	8338	2.647	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	1892237	892.765	ug/l	77
29) Tetrahydrofuran	5.025	42	2928	3.519	ug/l #	84
40) Benzene	6.037	78	3371	0.490	ug/l #	86
44) Trichloroethene	7.128	130	2533228	1299.450	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	1090	0.589	ug/l #	88
64) Tetrachloroethene	9.274	164	13801	8.466	ug/l	97

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

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

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Instrument :

MSVOA_X

ClientSampleId :

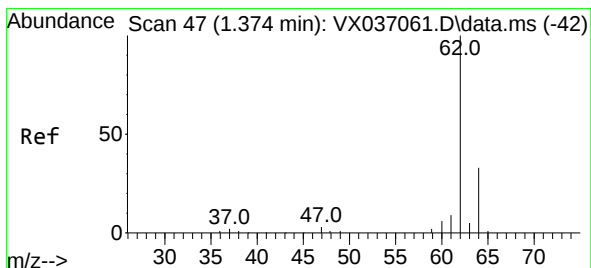
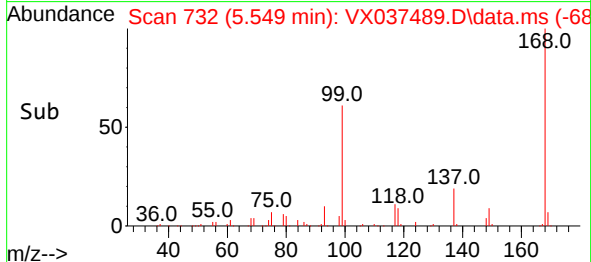
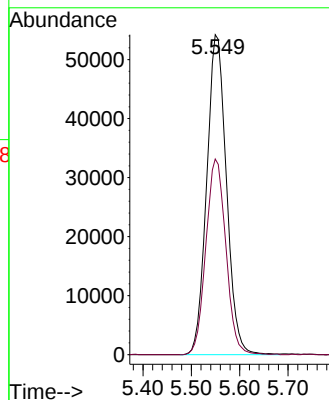
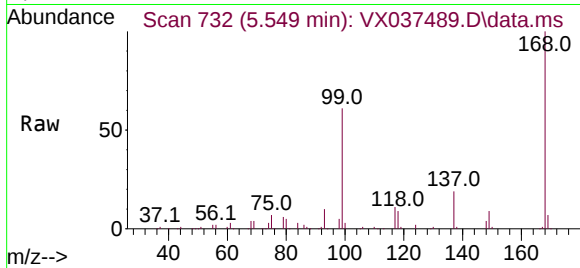
MW-11A-13.5-083123-FD

Tgt Ion:168 Resp: 153640

Ion Ratio Lower Upper

168 100

99 61.1 56.6 85.0



#4

Vinyl Chloride

Concen: 32.290 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037489.D

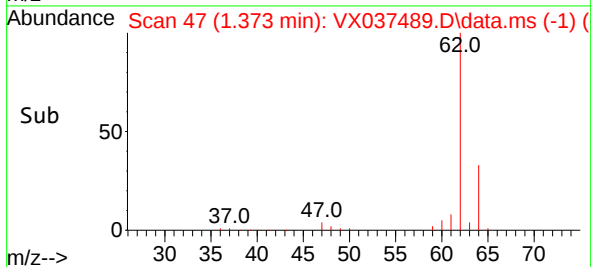
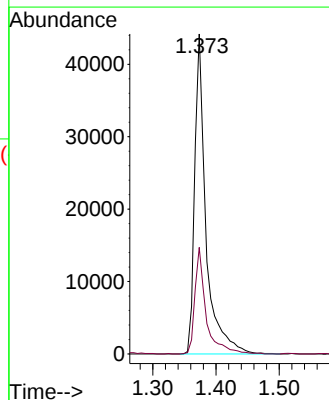
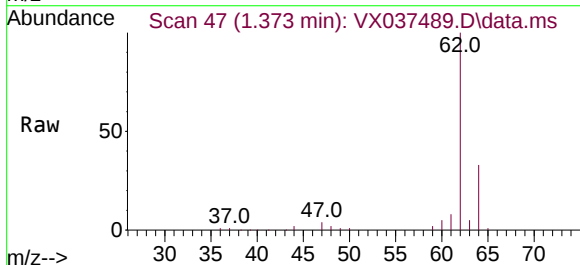
Acq: 02 Sep 2023 17:39

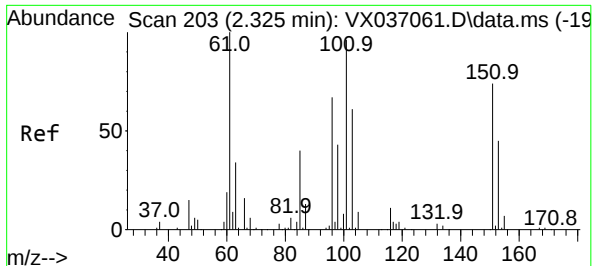
Tgt Ion: 62 Resp: 54878

Ion Ratio Lower Upper

62 100

64 33.3 25.4 38.0

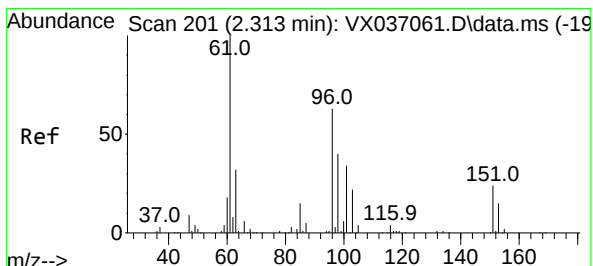
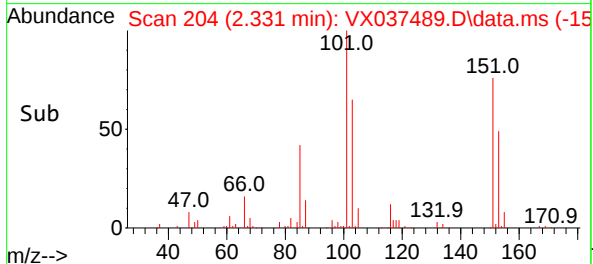
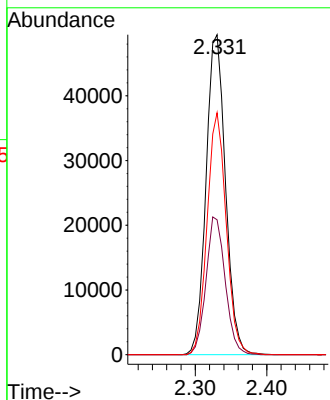
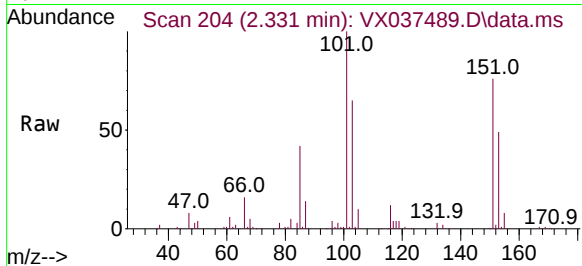




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 57.451 ug/l
 RT: 2.331 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX037489.D
 Acq: 02 Sep 2023 17:39

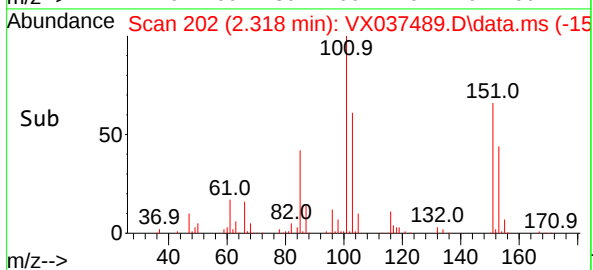
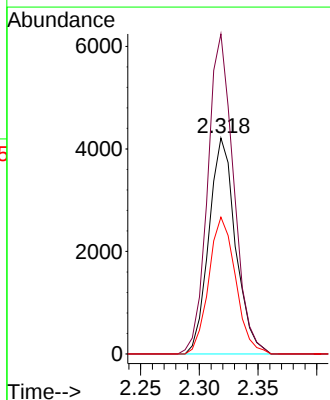
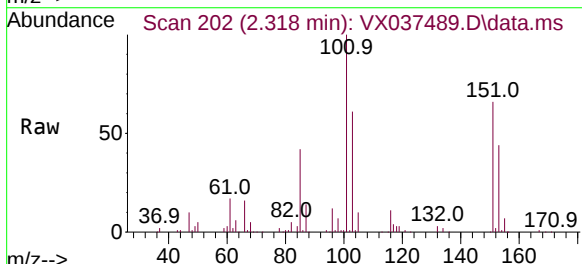
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123-FD

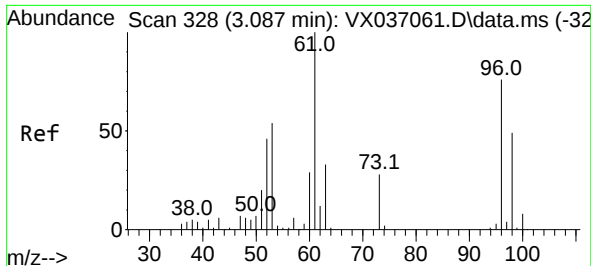
Tgt Ion:101 Resp: 93306
 Ion Ratio Lower Upper
 101 100
 85 42.6 37.0 55.6
 151 74.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 4.211 ug/l
 RT: 2.318 min Scan# 202
 Delta R.T. 0.006 min
 Lab File: VX037489.D
 Acq: 02 Sep 2023 17:39

Tgt Ion: 96 Resp: 6660
 Ion Ratio Lower Upper
 96 100
 61 148.2 144.6 216.8
 98 63.4 50.4 75.6

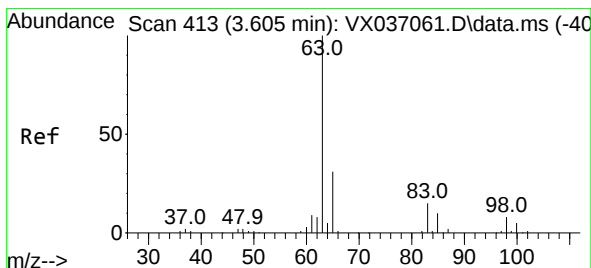
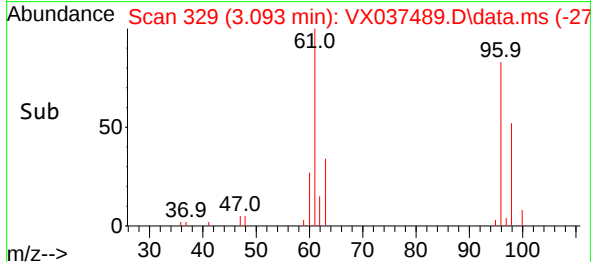
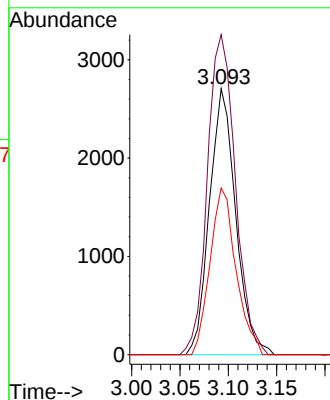
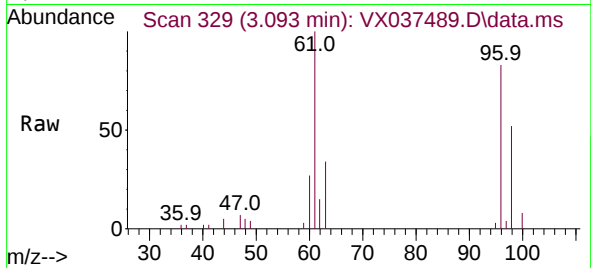




#21
trans-1,2-Dichloroethene
Concen: 2.839 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

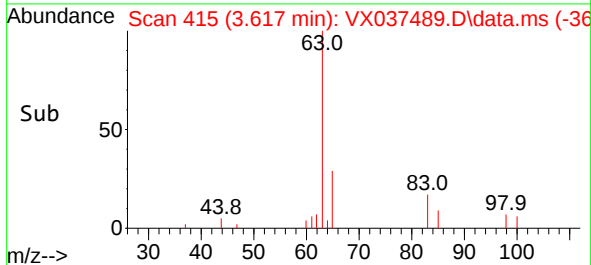
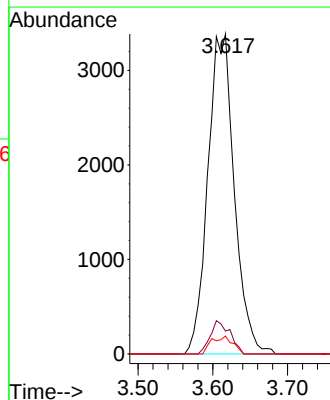
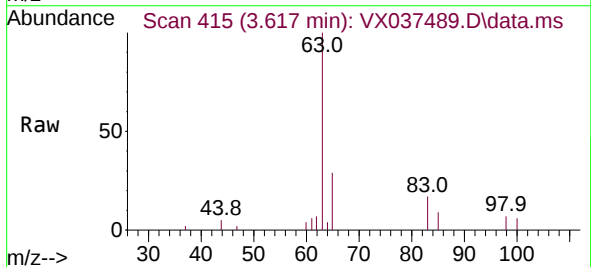
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-083123-FD

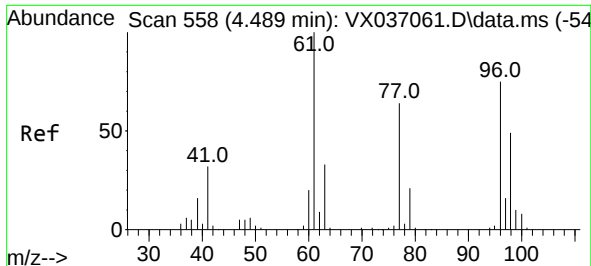
Tgt Ion: 96 Resp: 5104
Ion Ratio Lower Upper
96 100
61 120.3 119.2 178.8
98 62.7 48.7 73.1



#24
1,1-Dichloroethane
Concen: 2.647 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

Tgt Ion: 63 Resp: 8338
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.8
100 5.6 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 892.765 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037489.D

Acq: 02 Sep 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-083123-FD

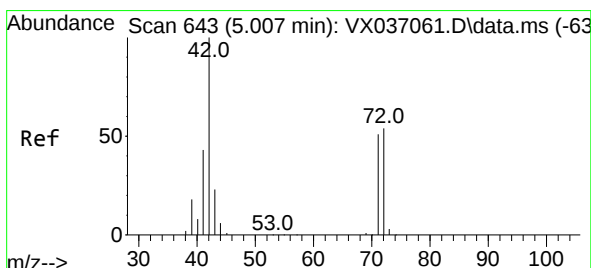
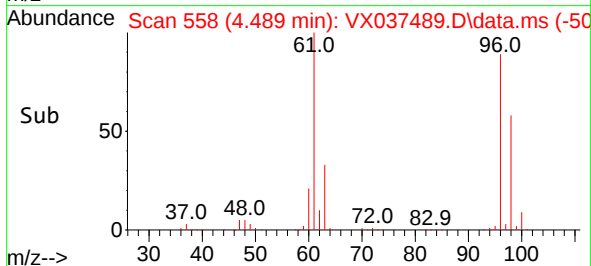
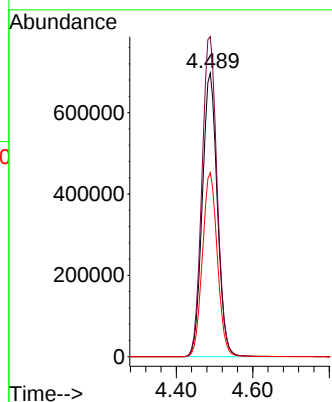
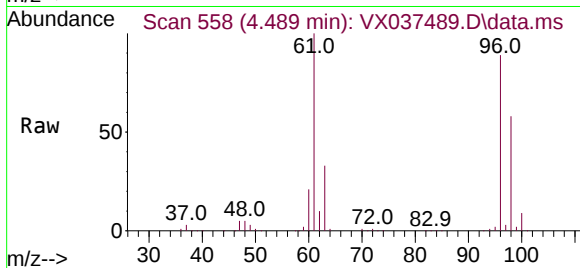
Tgt Ion: 96 Resp: 1892237

Ion Ratio Lower Upper

96 100

61 114.8 0.0 312.2

98 64.8 0.0 129.0



#29

Tetrahydrofuran

Concen: 3.519 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX037489.D

Acq: 02 Sep 2023 17:39

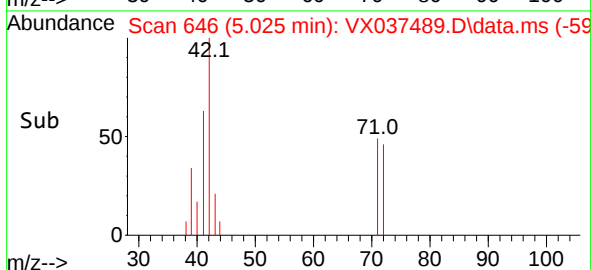
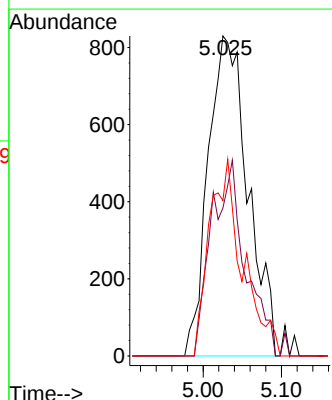
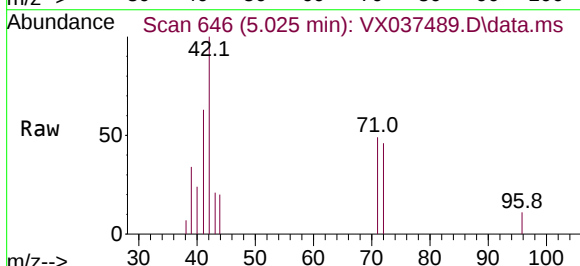
Tgt Ion: 42 Resp: 2928

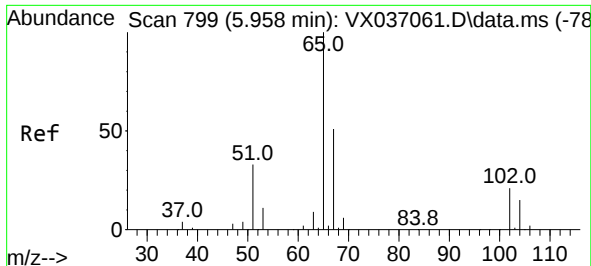
Ion Ratio Lower Upper

42 100

72 52.1 34.2 51.4#

71 51.2 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 41.213 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037489.D

Acq: 02 Sep 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

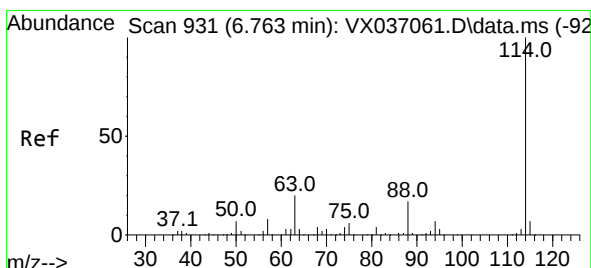
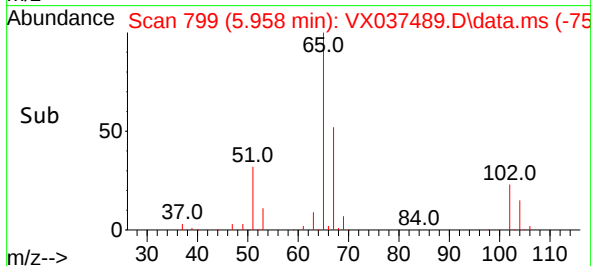
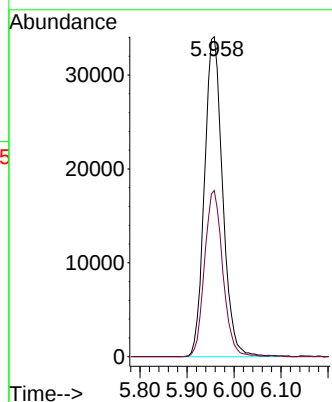
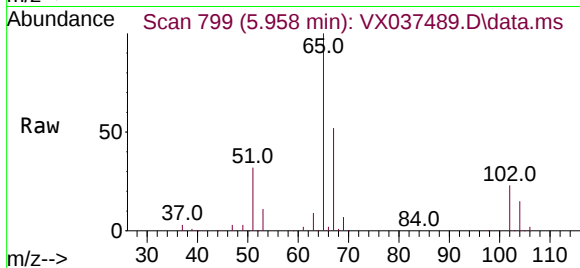
MW-11A-13.5-083123-FD

Tgt Ion: 65 Resp: 91286

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037489.D

Acq: 02 Sep 2023 17:39

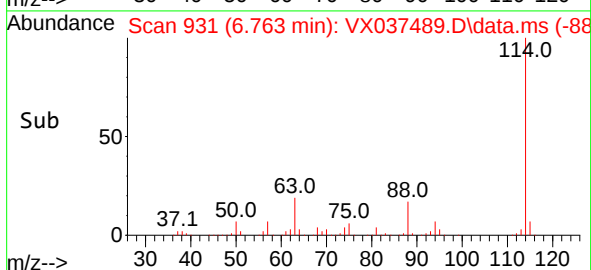
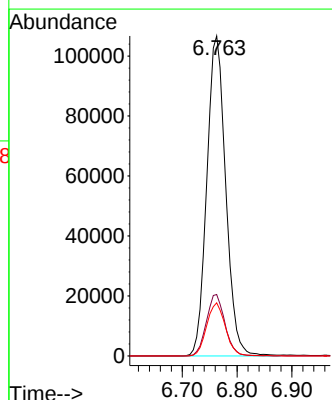
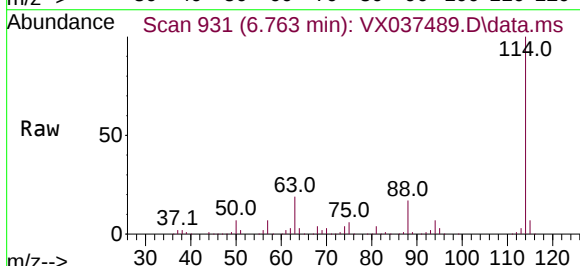
Tgt Ion: 114 Resp: 254769

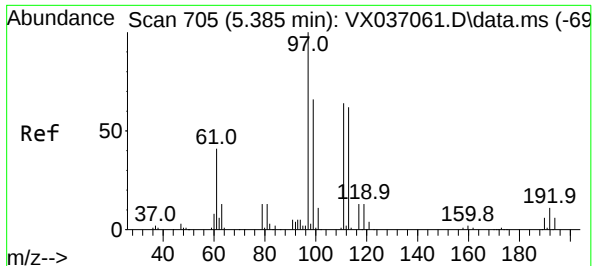
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.078 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037489.D

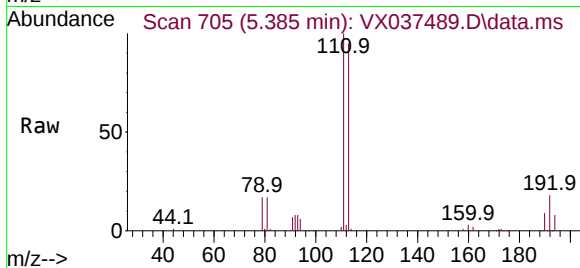
Acq: 02 Sep 2023 17:39

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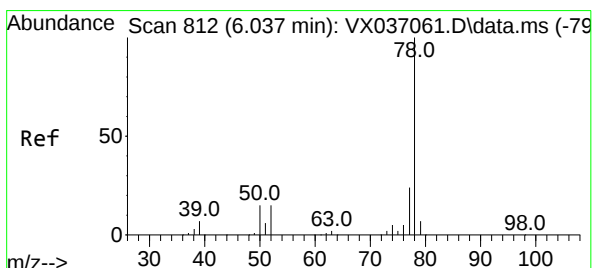
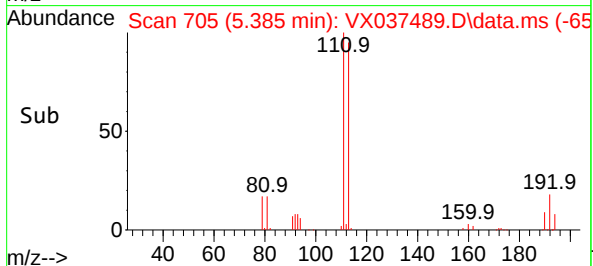
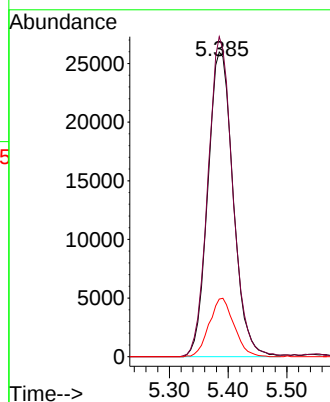
Tgt Ion:113 Resp: 77747

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.8 13.3 19.9



#40

Benzene

Concen: 0.490 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037489.D

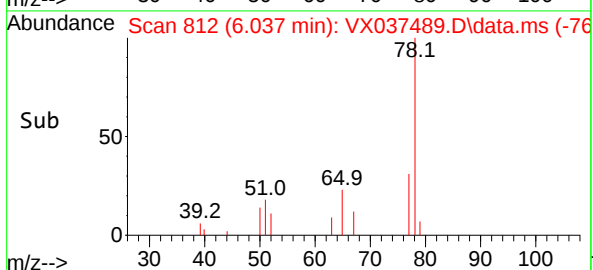
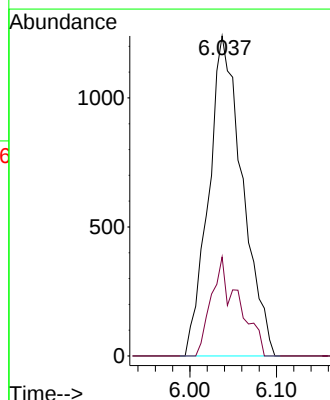
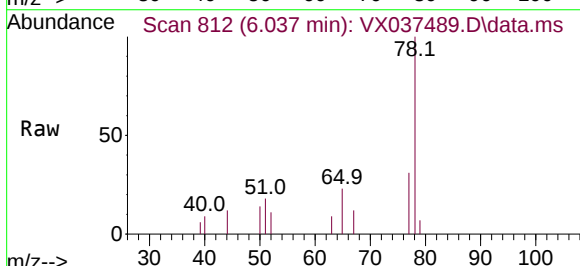
Acq: 02 Sep 2023 17:39

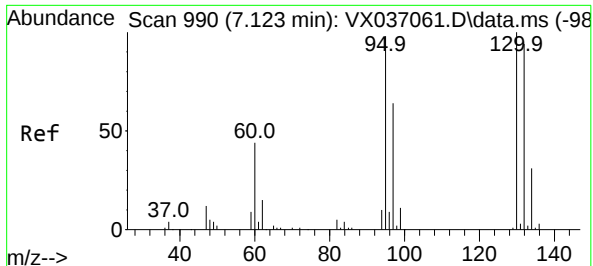
Tgt Ion: 78 Resp: 3371

Ion Ratio Lower Upper

78 100

77 31.0 19.3 28.9#

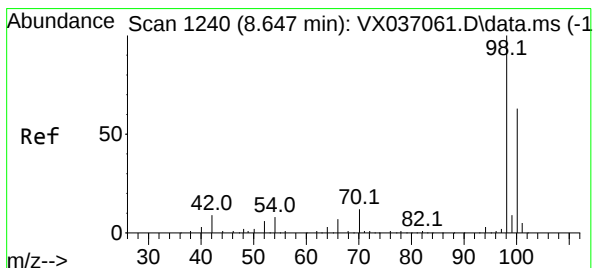
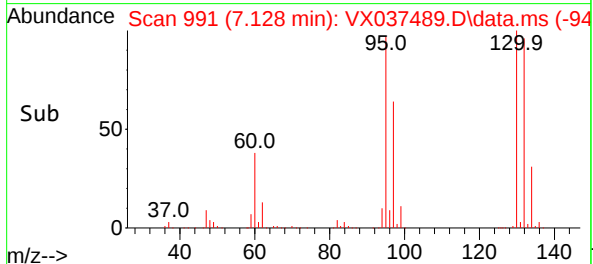
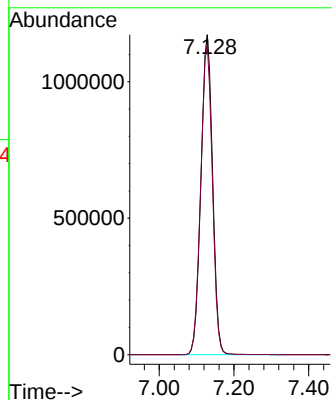
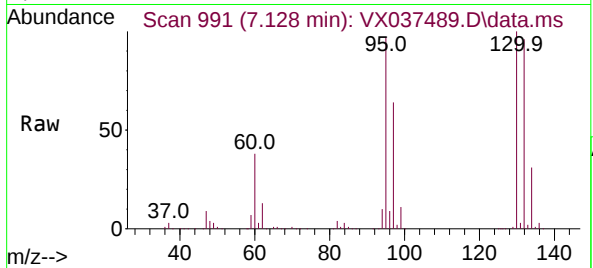




#44
Trichloroethene
Concen: 1299.450 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

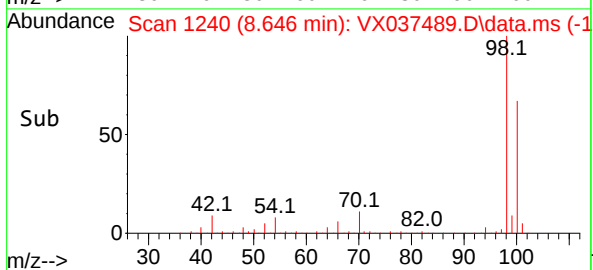
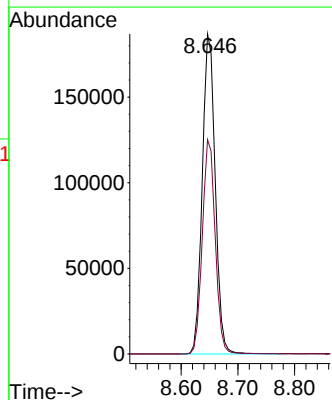
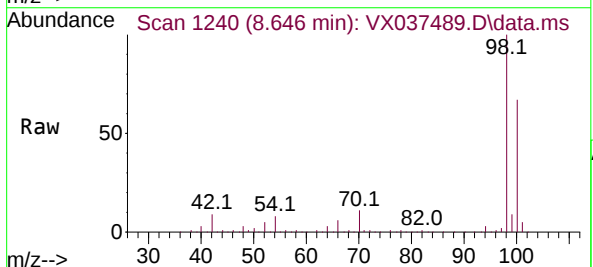
Instrument :
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MW-11A-13.5-083123-FD

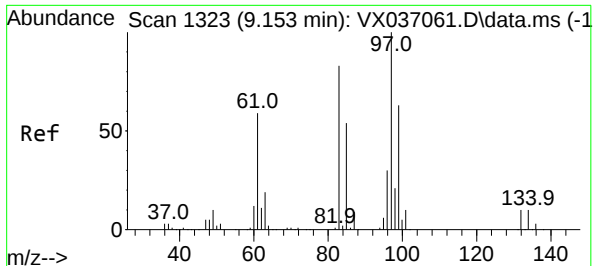
Tgt Ion:130 Resp: 2533228
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.4



#50
Toluene-d8
Concen: 48.396 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

Tgt Ion: 98 Resp: 296200
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

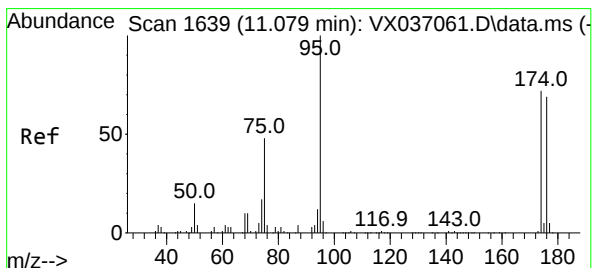
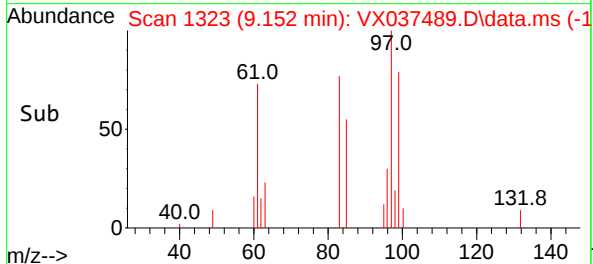
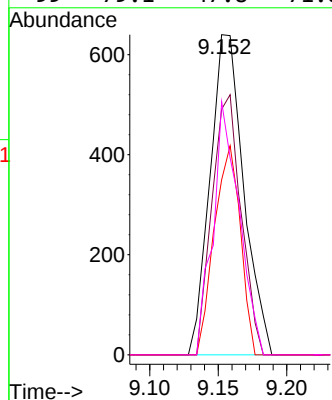
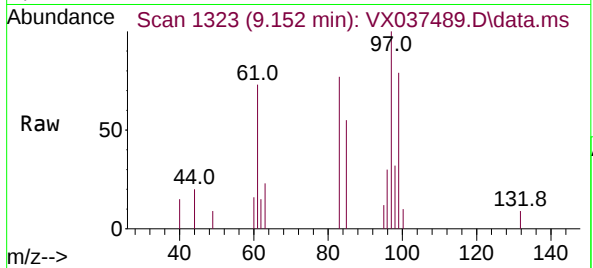




#55
1,1,2-Trichloroethane
Concen: 0.589 ug/l
RT: 9.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

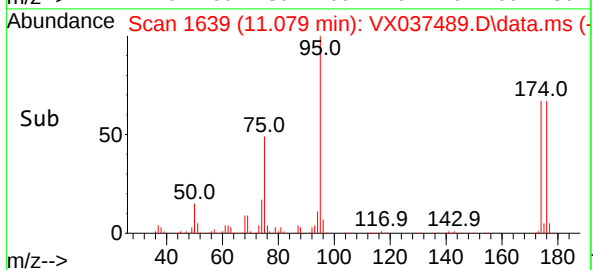
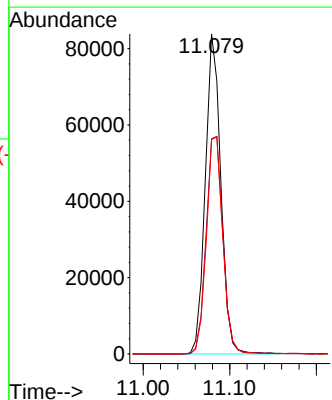
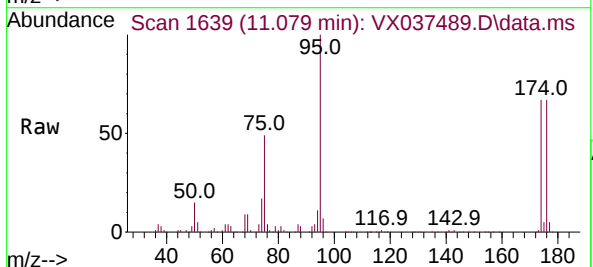
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-083123-FD

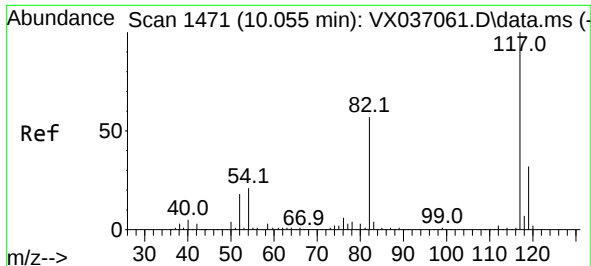
Tgt Ion:	97	Resp:	1090
Ion	Ratio	Lower	Upper
97	100		
83	76.7	65.8	98.8
85	54.7	41.6	62.4
99	79.1	47.8	71.8



#62
4-Bromofluorobenzene
Concen: 43.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

Tgt Ion:	95	Resp:	104298
Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	135.6
176	71.9	0.0	131.0

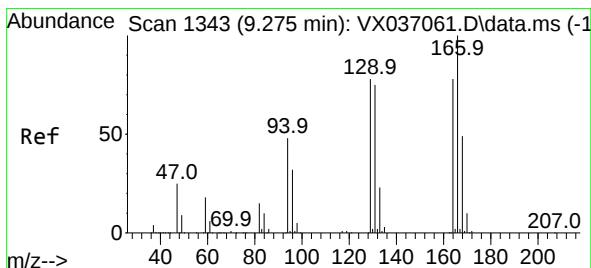
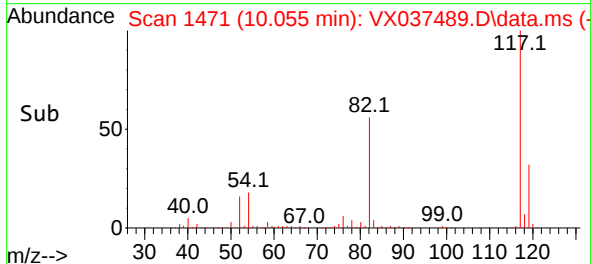
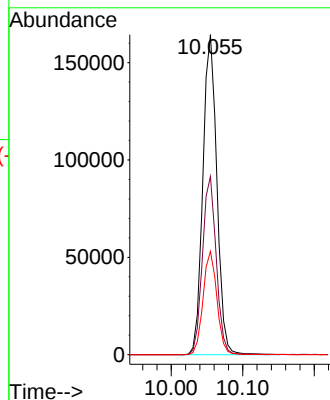
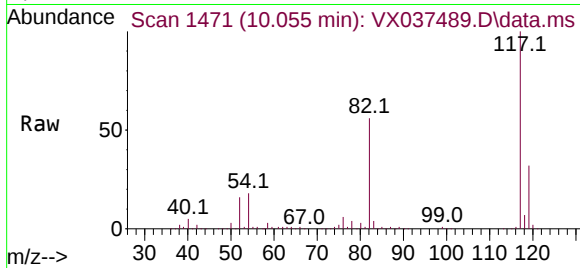




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

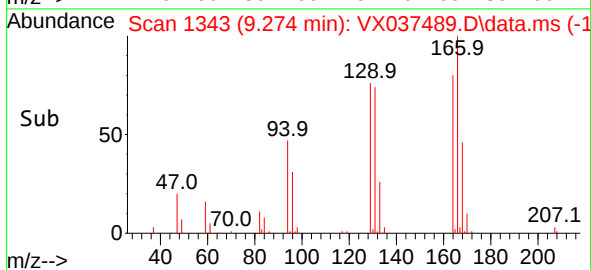
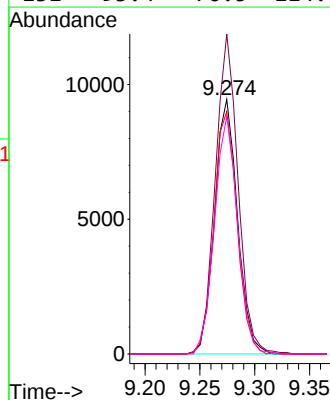
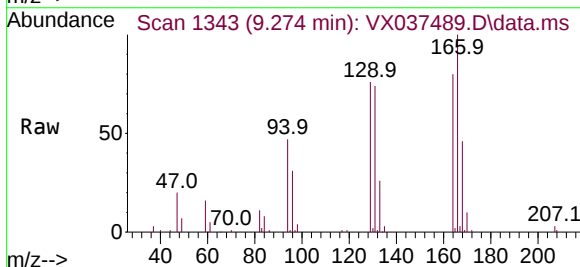
Instrument : MSVOA_X
ClientSampleId : MW-11A-13.5-083123-FD

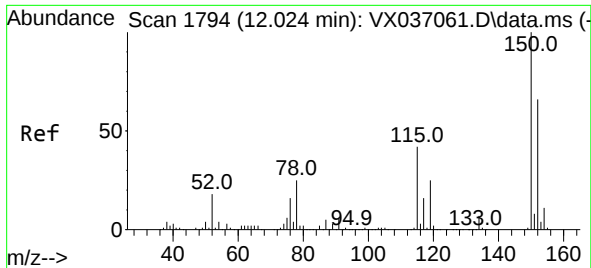
Tgt Ion:	117	Resp:	223457
Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.2	69.4
119	32.3	25.5	38.3



#64
Tetrachloroethene
Concen: 8.466 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037489.D
Acq: 02 Sep 2023 17:39

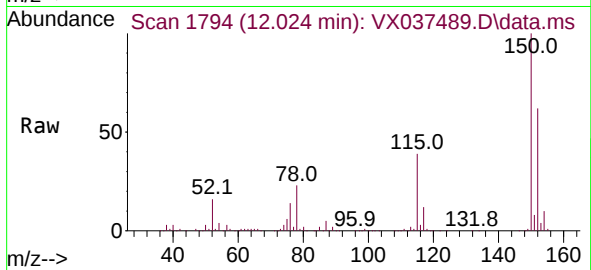
Tgt Ion:	164	Resp:	13801
Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.7	154.1
129	95.3	80.4	120.6
131	93.4	76.5	114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037489.D
 Acq: 02 Sep 2023 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123-FD



Tgt Ion:152 Resp: 95797
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.3 129.9
 150 158.1 0.0 345.0

