

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027084.D
 Acq On : 17 Feb 2022 17:42
 Operator : JC/MD
 Sample : PB142725ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142725ZHE#03

Quant Time: Feb 18 03:53:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

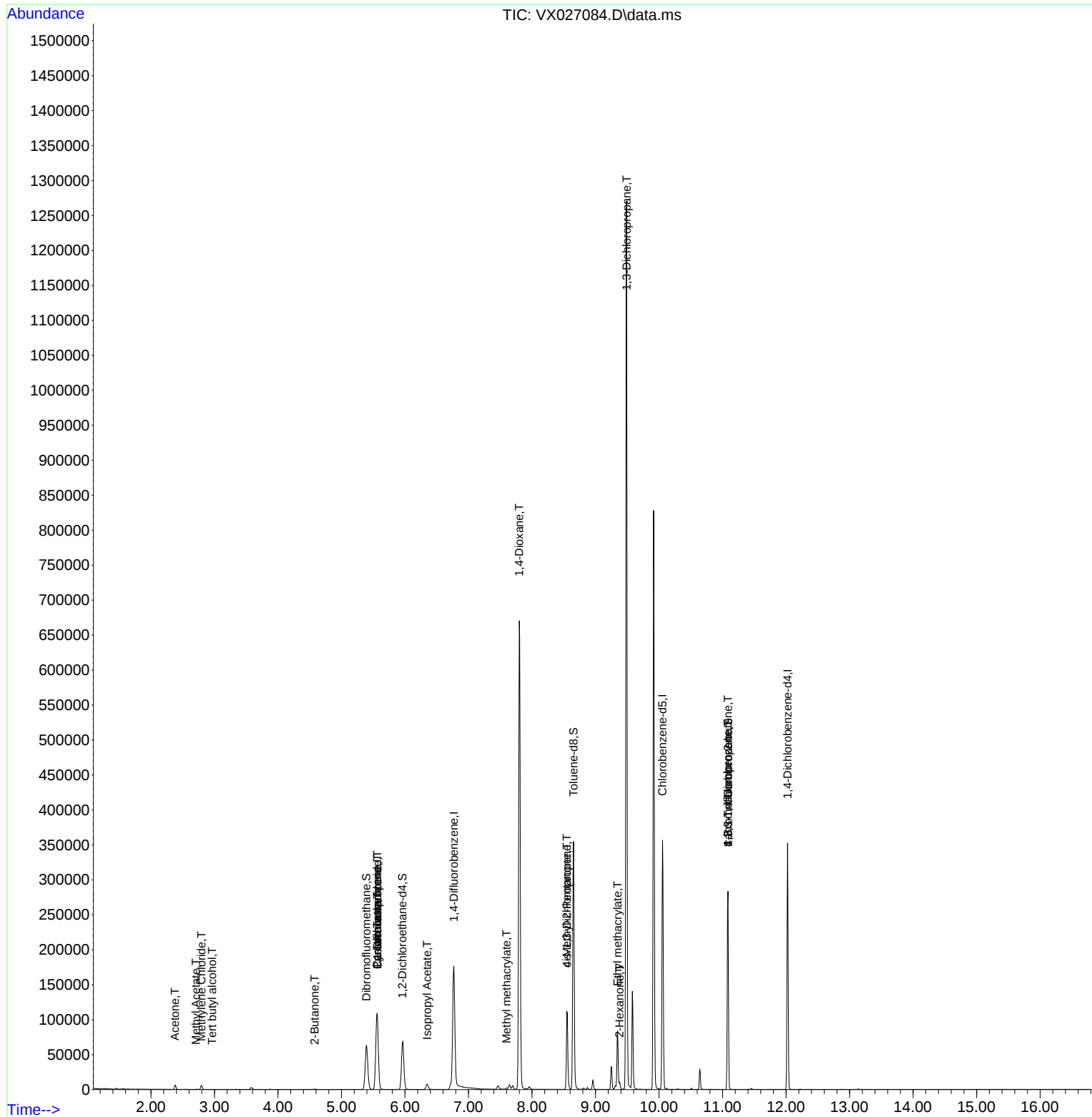
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	105192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66074	52.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.391	113	54569	51.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.960%	
50) Toluene-d8	8.652	98	207714	53.906	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	11.085	95	77399	57.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.100%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.964	59	82	0.359	ug/l #	75
16) Acetone	2.379	43	6650	11.991	ug/l	96
18) Methyl Acetate	2.708	43	790	0.495	ug/l #	58
20) Methylene Chloride	2.794	84	2657	2.211	ug/l #	90
25) 2-Butanone	4.574	43	1256	1.406	ug/l #	87
31) Cyclohexane	5.562	56	1985	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	7854	4.743	ug/l #	50
38) Carbon Tetrachloride	5.562	117	10963	6.313	ug/l #	16
43) Isopropyl Acetate	6.348	43	10835	3.742	ug/l	100
48) Methyl methacrylate	7.598	41	3211	2.238	ug/l #	16
49) 1,4-Dioxane	7.799	88	60	2.427	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	39633	22.586	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18296	10.240	ug/l #	58
56) Ethyl methacrylate	9.347	69	438	0.239	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10871	5.472	ug/l #	43
59) 2-Hexanone	9.378	43	5938	4.626	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	38494	24.232	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	38494	74.018	ug/l #	3

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

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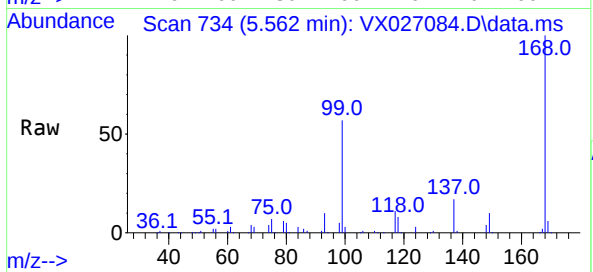
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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QLast Update : Tue Feb 08 07:07:46 2022
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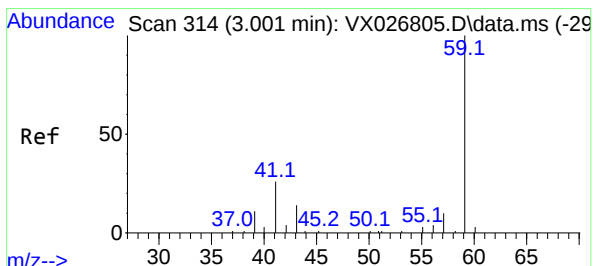
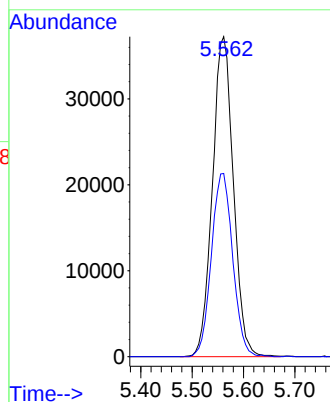
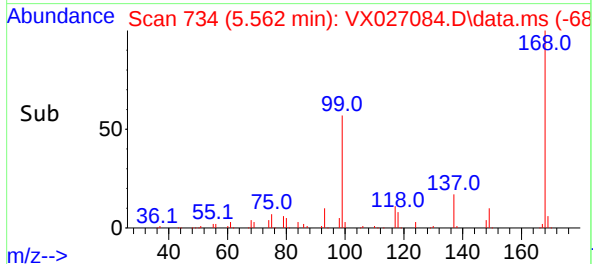


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
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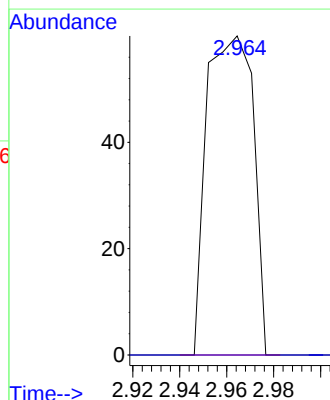
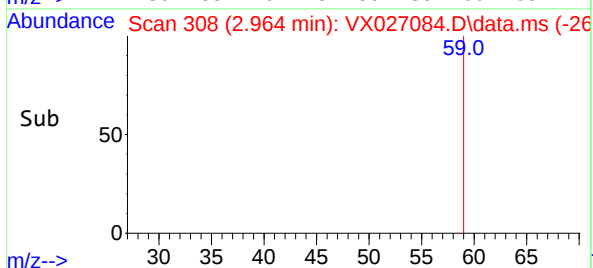
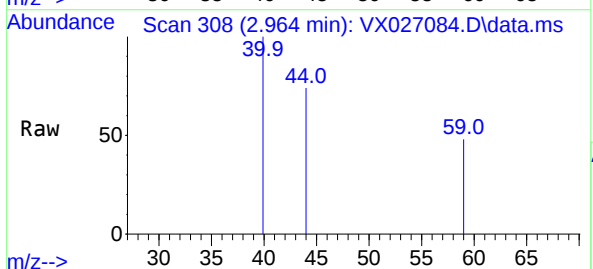


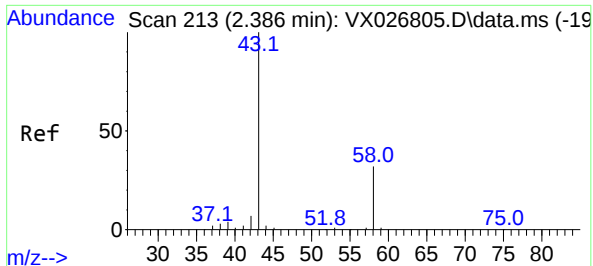
Tgt Ion:168 Resp: 105192
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.359 ug/l
RT: 2.964 min Scan# 308
Delta R.T. -0.037 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

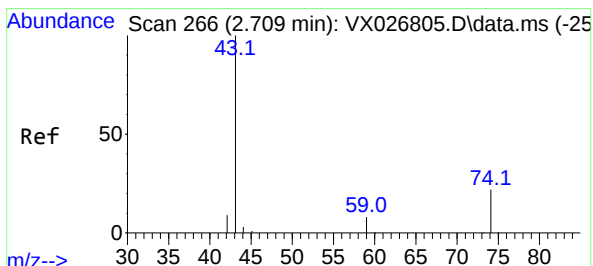
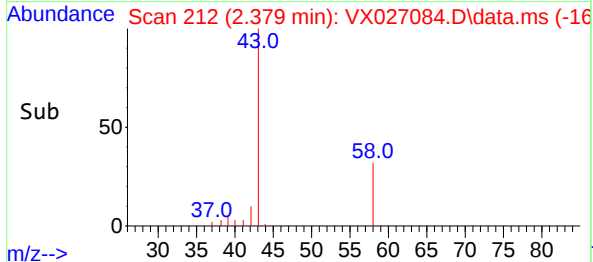
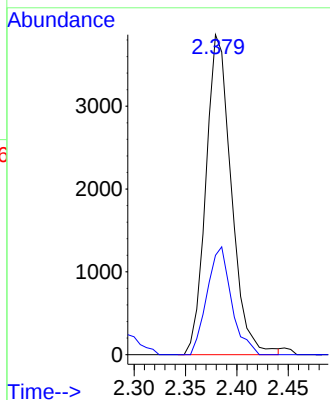
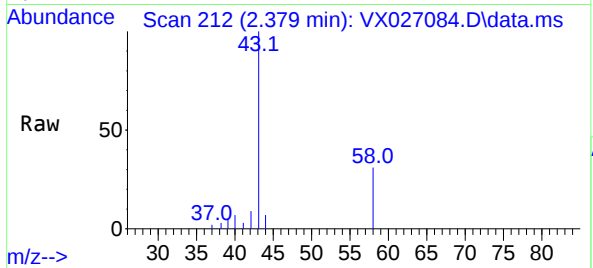




#16
Acetone
Concen: 11.991 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

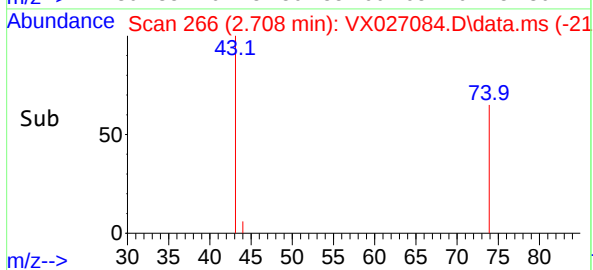
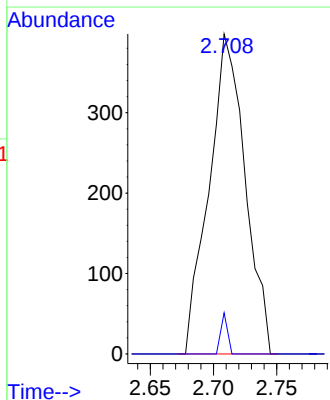
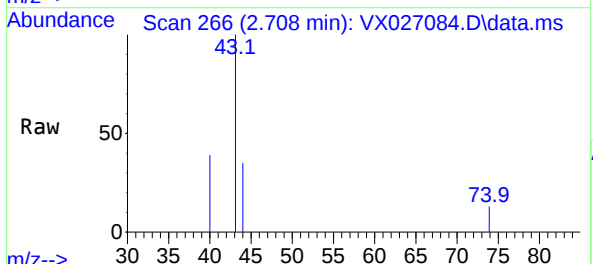
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#03

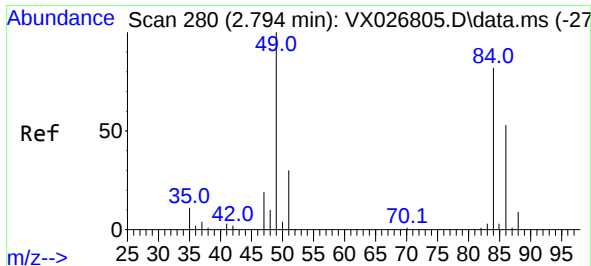
Tgt Ion: 43 Resp: 6650
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6



#18
Methyl Acetate
Concen: 0.495 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
74 2.4 18.3 27.5#

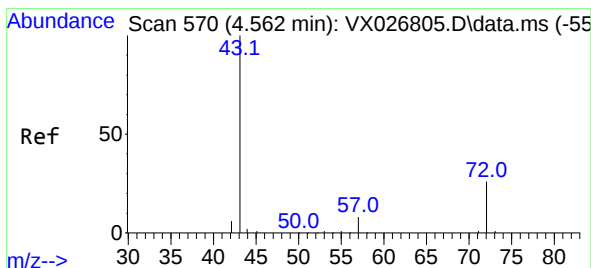
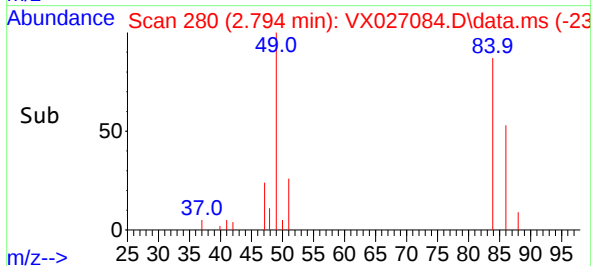
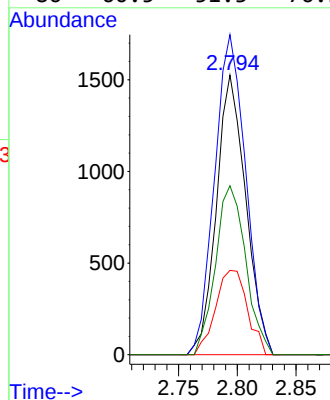
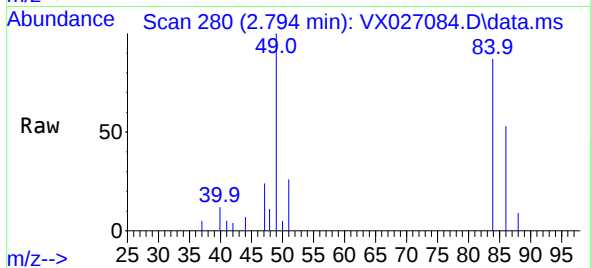




#20
Methylene Chloride
Concen: 2.211 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

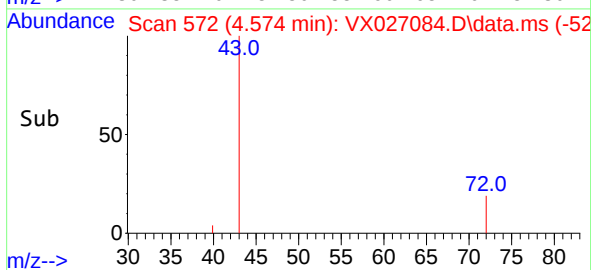
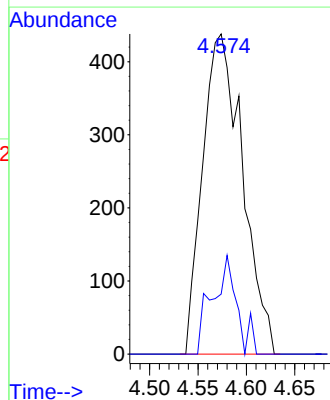
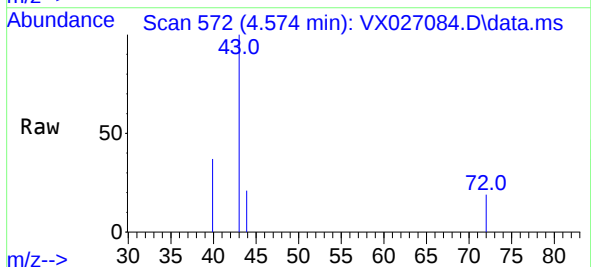
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#03

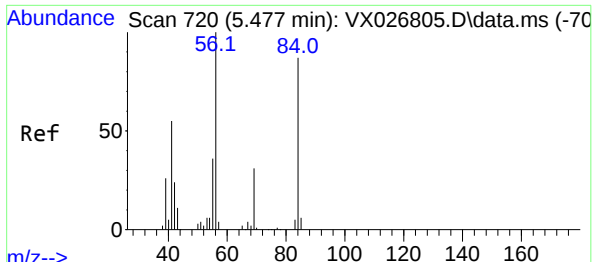
Tgt Ion:	84	Resp:	2657
Ion	Ratio	Lower	Upper
84	100		
49	114.5	101.5	152.3
51	30.2	31.2	46.8#
86	60.5	51.3	76.9



#25
2-Butanone
Concen: 1.406 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

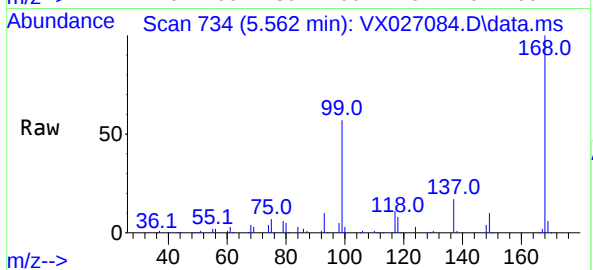
Tgt Ion:	43	Resp:	1256
Ion	Ratio	Lower	Upper
43	100		
72	18.7	20.4	30.6#



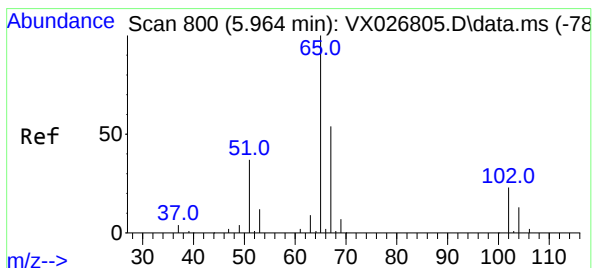
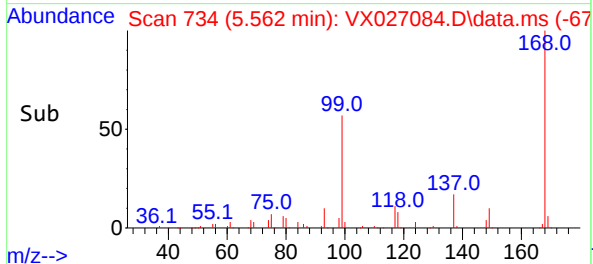
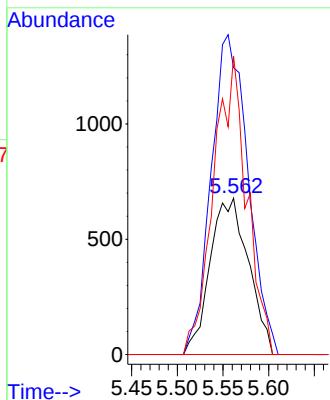


#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#03

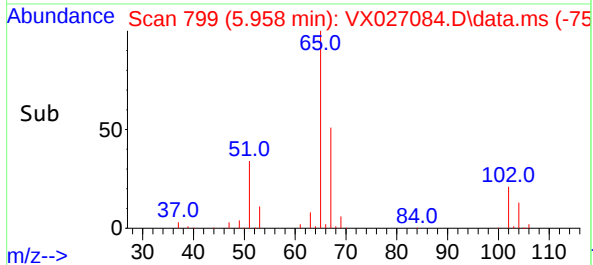
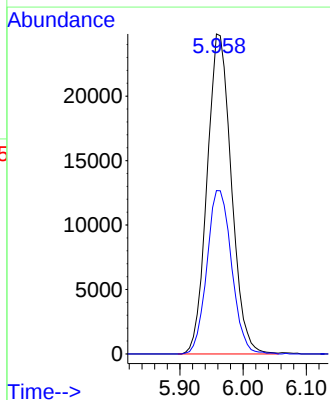
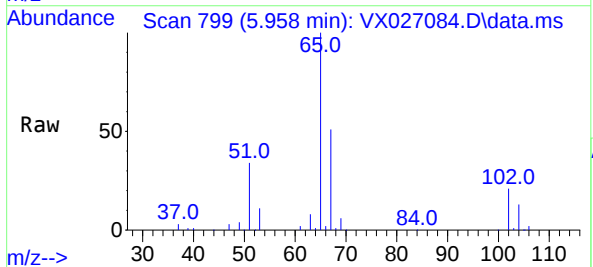


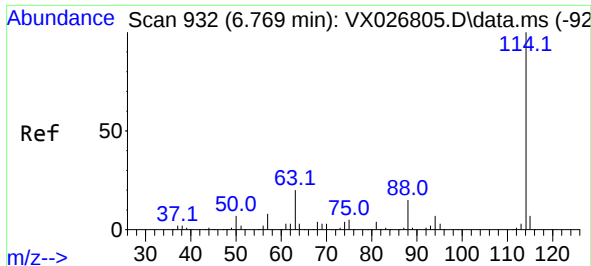
Tgt Ion: 56 Resp: 1985
Ion Ratio Lower Upper
56 100
69 183.5 25.8 38.6#
84 191.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.327 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion: 65 Resp: 66074
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

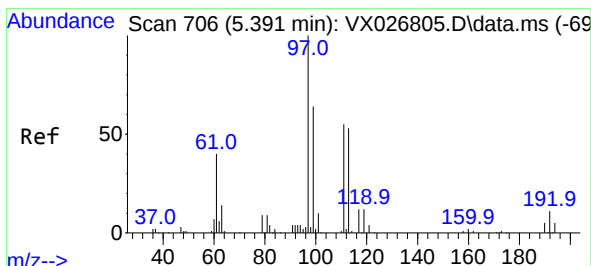
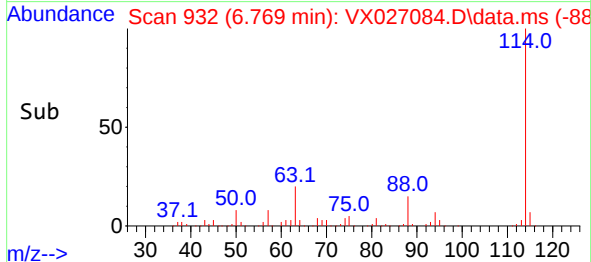
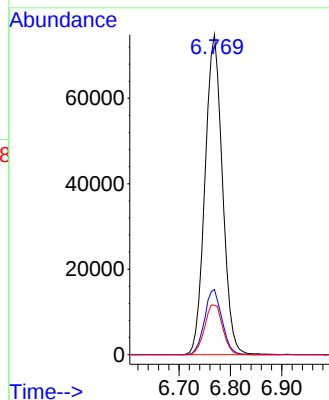
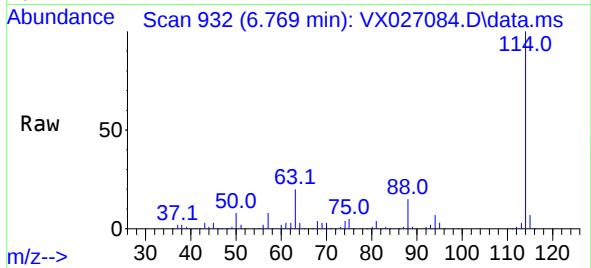




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

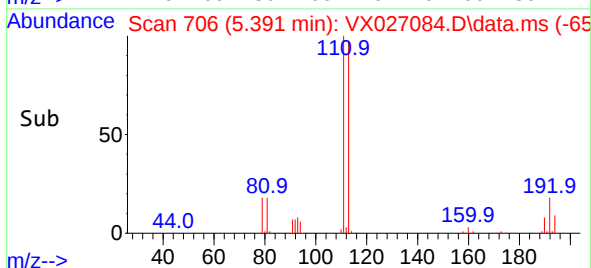
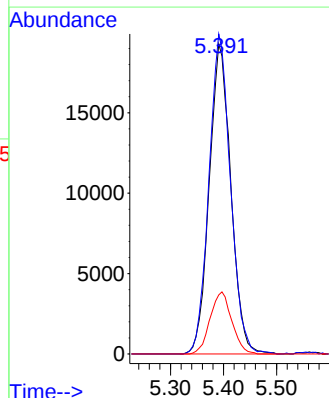
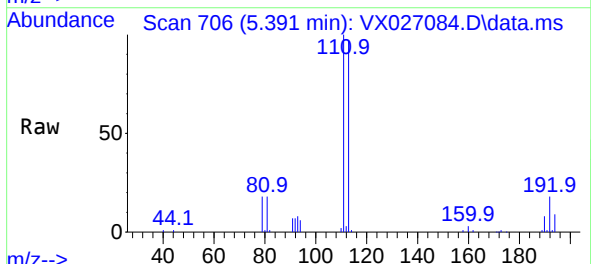
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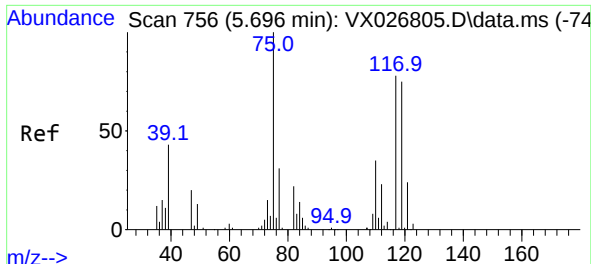
Tgt Ion:114 Resp: 176195
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 15.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.984 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion:113 Resp: 54569
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 20.1 15.0 22.4

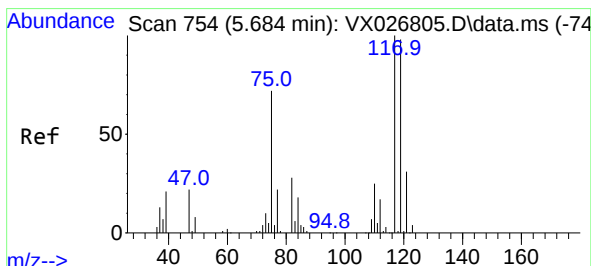
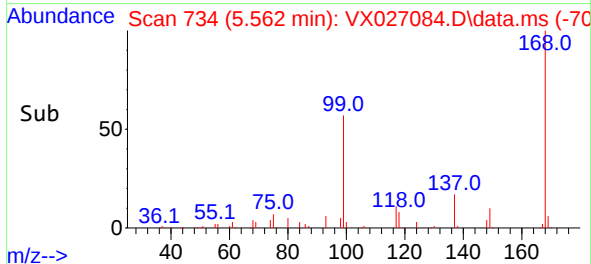
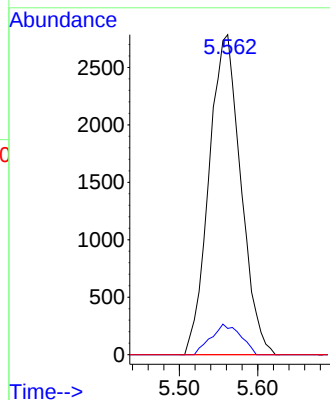
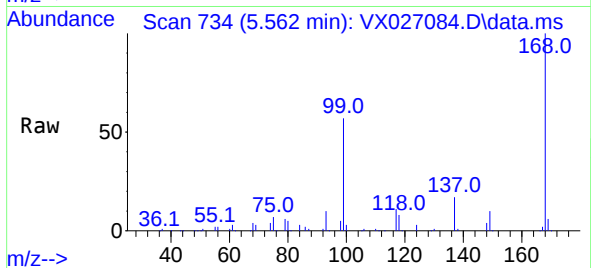




#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

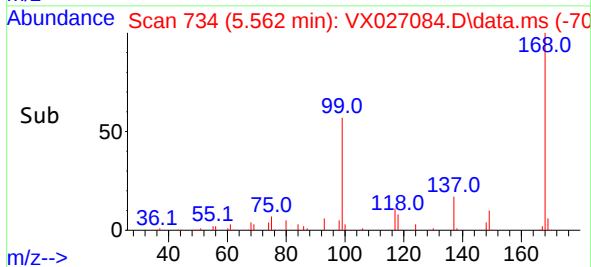
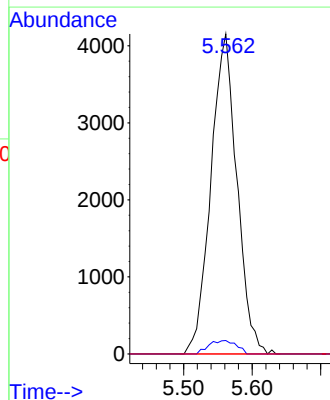
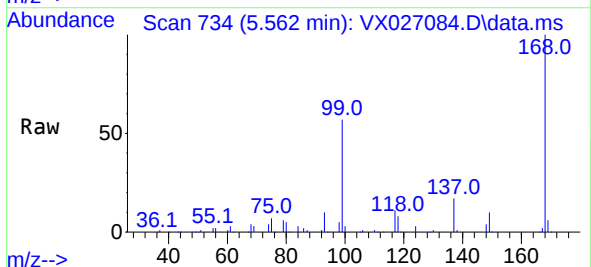
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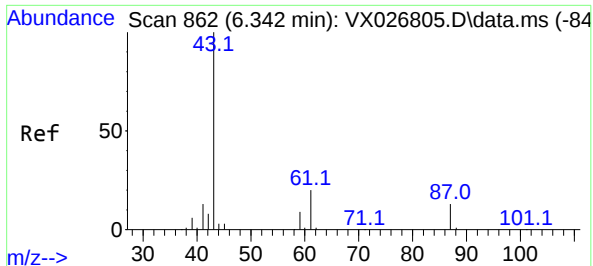
Tgt Ion: 75 Resp: 7854
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion: 117 Resp: 10963
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#

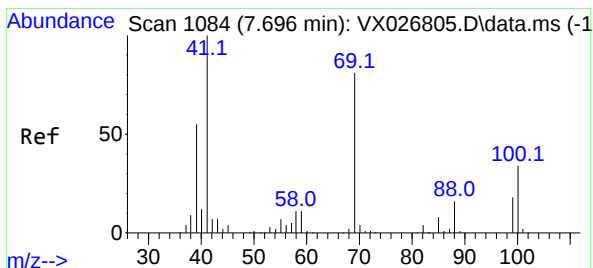
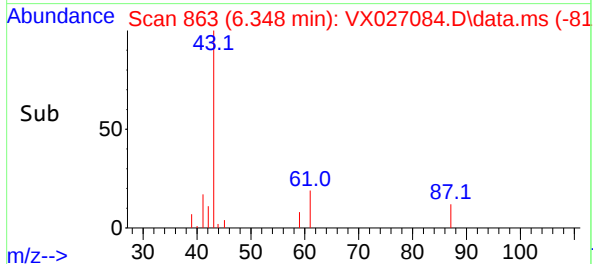
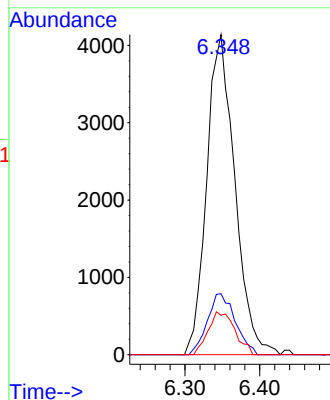
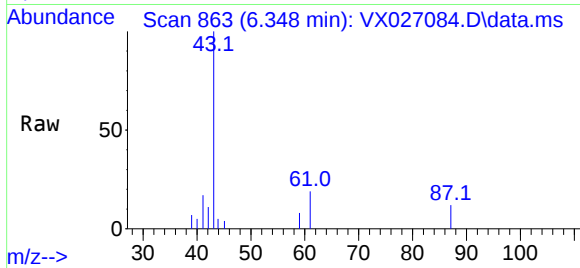




#43
Isopropyl Acetate
Concen: 3.742 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

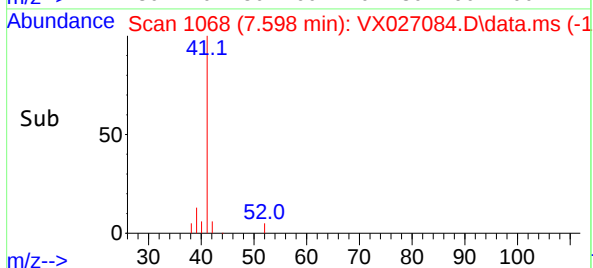
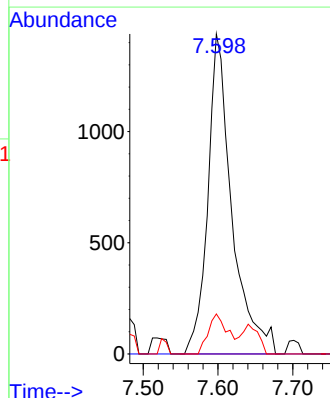
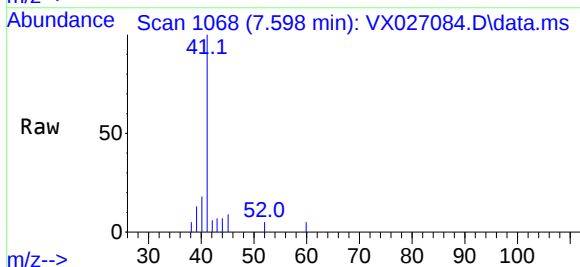
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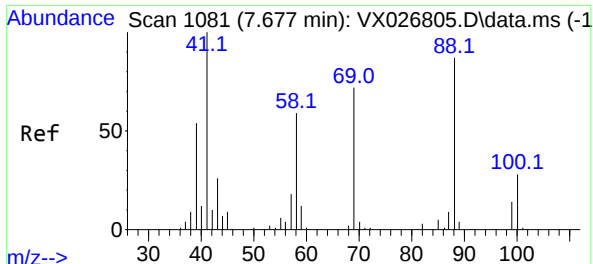
Tgt Ion: 43 Resp: 10835
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 12.7 10.2 15.2



#48
Methyl methacrylate
Concen: 2.238 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion: 41 Resp: 3211
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#





#49

1,4-Dioxane

Concen: 2.427 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.122 min

Lab File: VX027084.D

Acq: 17 Feb 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#03

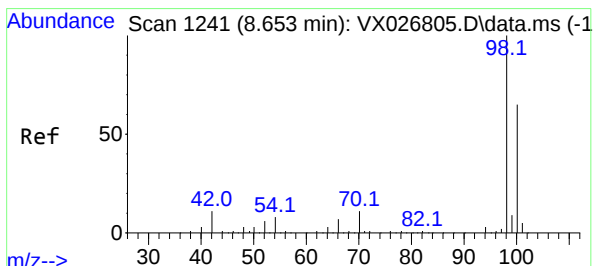
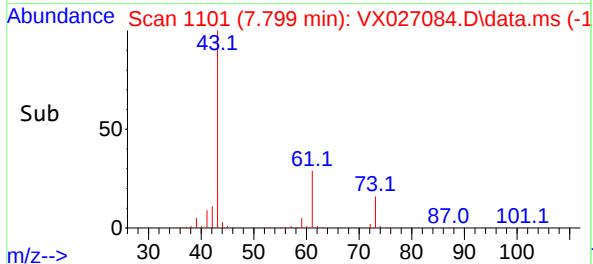
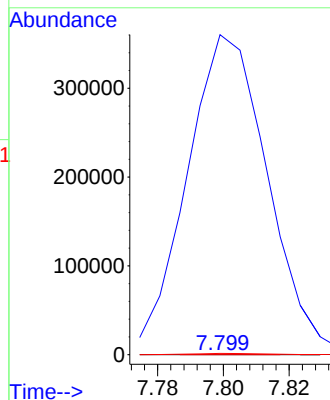
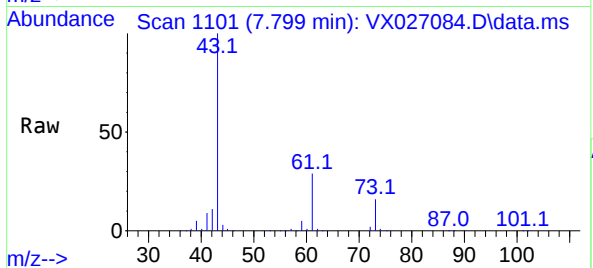
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 1039741.7 29.9 44.9#

58 3898.3 57.8 86.6#



#50

Toluene-d8

Concen: 53.906 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027084.D

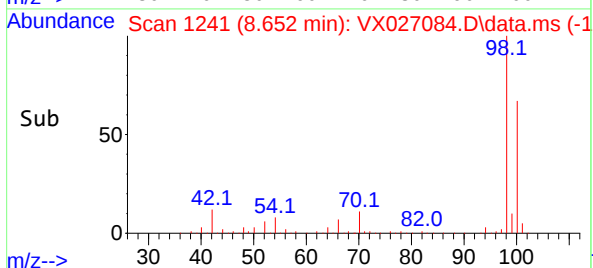
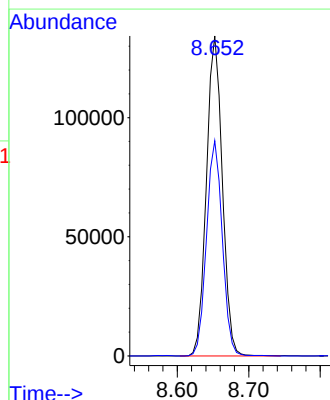
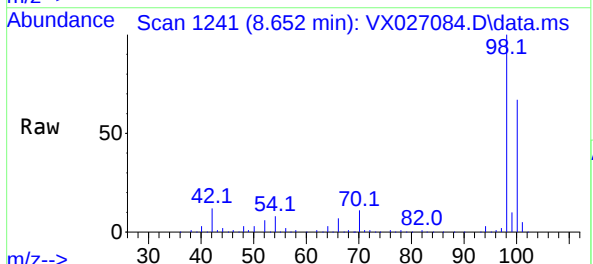
Acq: 17 Feb 2022 17:42

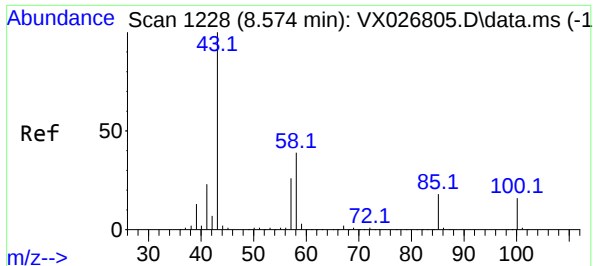
Tgt Ion: 98 Resp: 207714

Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8

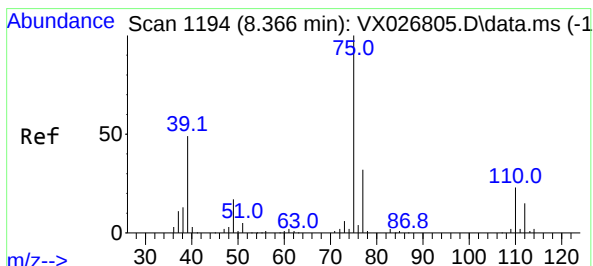
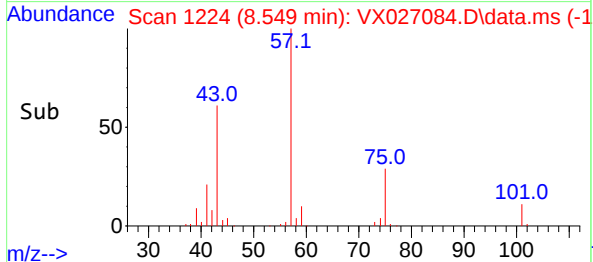
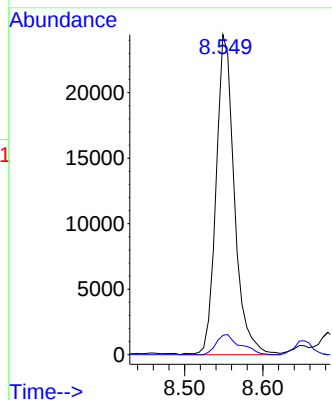
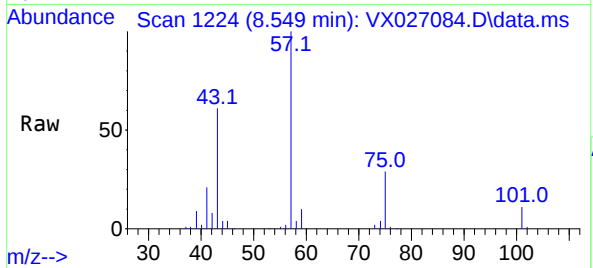




#51
4-Methyl-2-Pentanone
Concen: 22.586 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

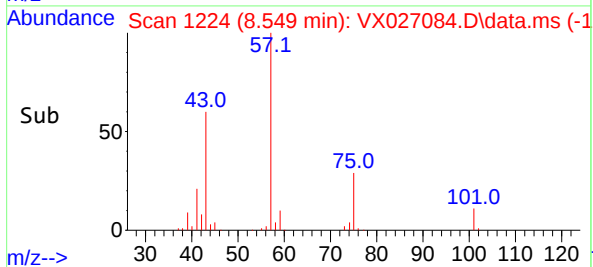
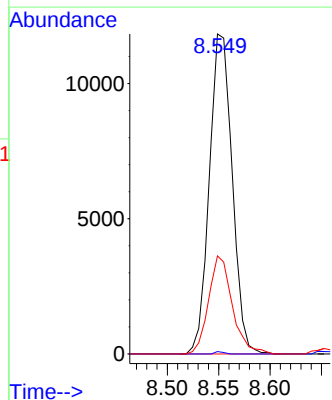
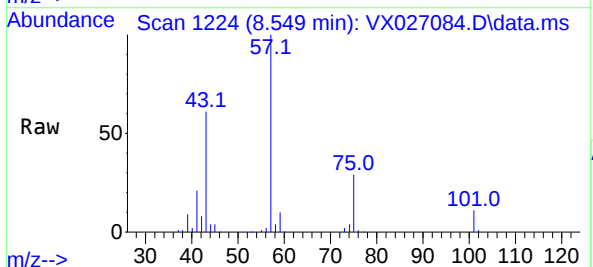
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#03

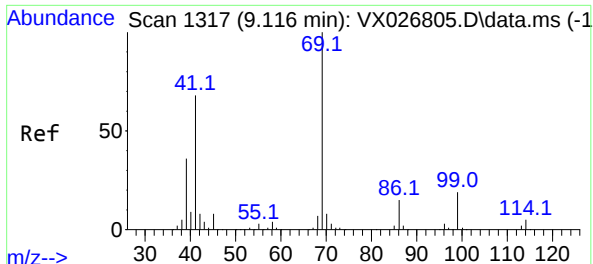
Tgt Ion: 43 Resp: 39633
Ion Ratio Lower Upper
43 100
58 8.2 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 10.240 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion: 75 Resp: 18296
Ion Ratio Lower Upper
75 100
77 0.7 26.2 39.2#
39 30.7 43.5 65.3#





#56

Ethyl methacrylate

Concen: 0.239 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.231 min

Lab File: VX027084.D

Acq: 17 Feb 2022 17:42

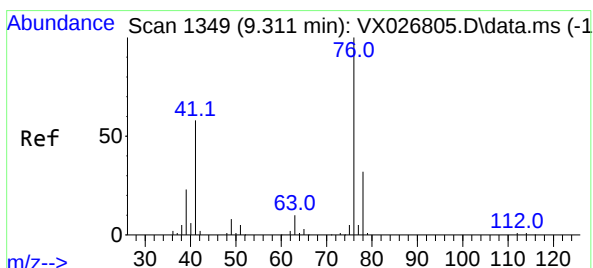
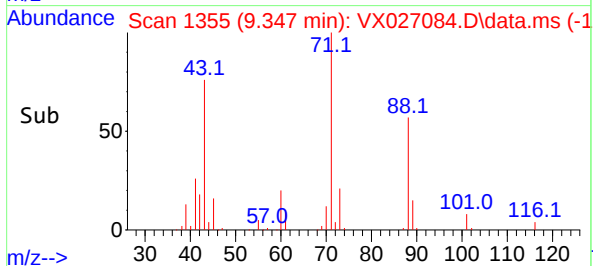
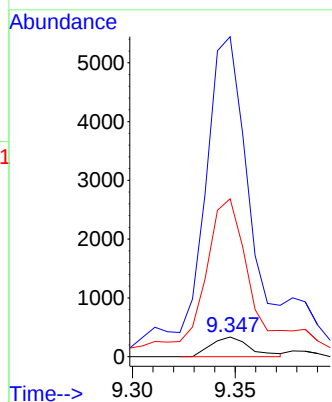
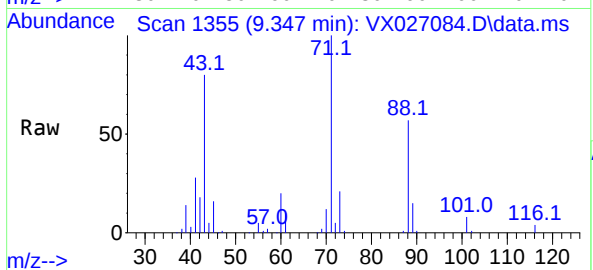
Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#03

Tgt Ion:	69	Resp:	438
Ion	Ratio	Lower	Upper
69	100		
41	2056.6	57.2	85.8#
39	1077.6	30.9	46.3#



#57

1,3-Dichloropropane

Concen: 5.472 ug/l

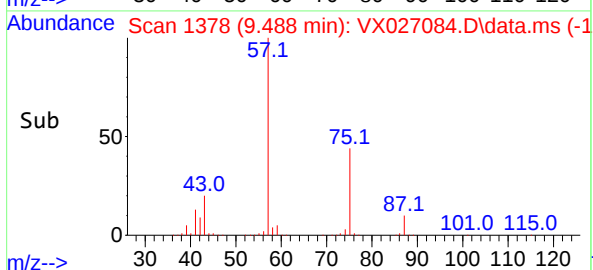
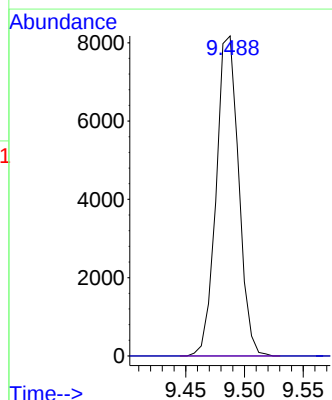
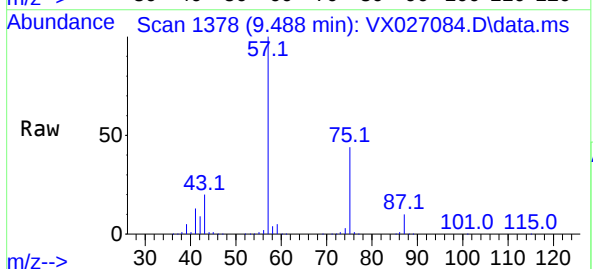
RT: 9.488 min Scan# 1378

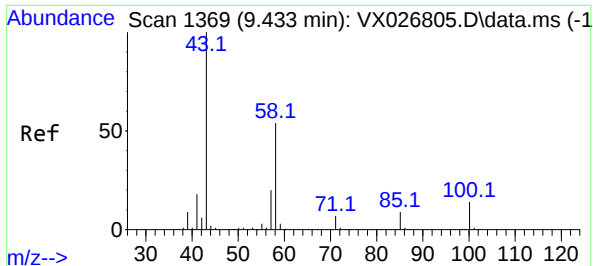
Delta R.T. 0.176 min

Lab File: VX027084.D

Acq: 17 Feb 2022 17:42

Tgt Ion:	76	Resp:	10871
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#





#59

2-Hexanone

Concen: 4.626 ug/l

RT: 9.378 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX027084.D

Acq: 17 Feb 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

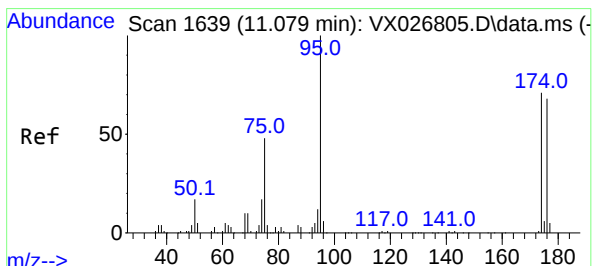
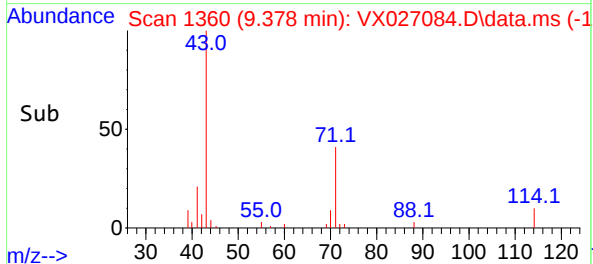
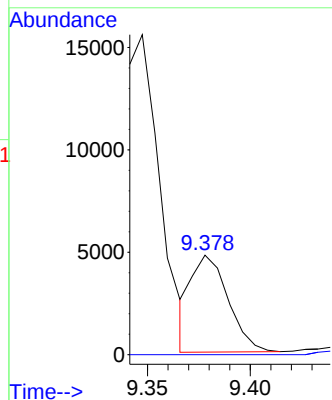
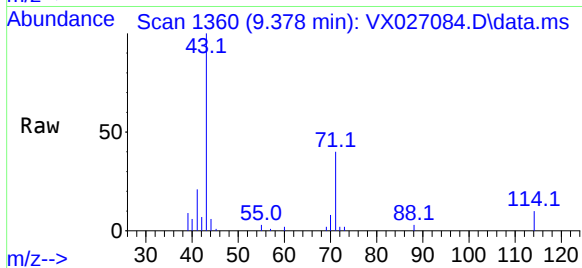
PB142725ZHE#03

Tgt Ion: 43 Resp: 5938

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 57.053 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027084.D

Acq: 17 Feb 2022 17:42

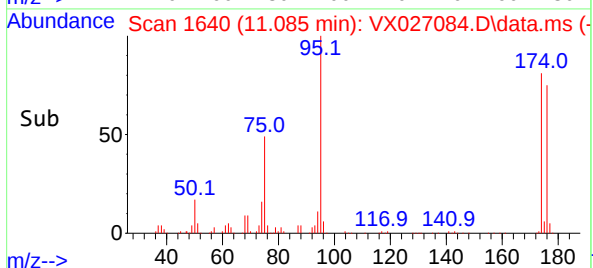
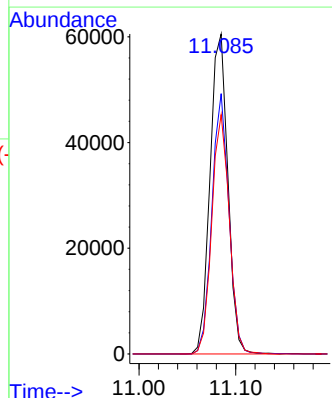
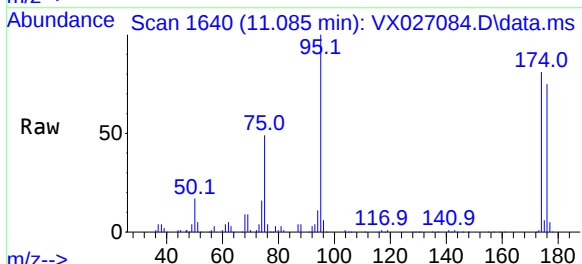
Tgt Ion: 95 Resp: 77399

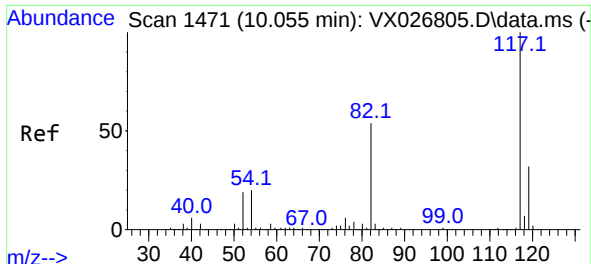
Ion Ratio Lower Upper

95 100

174 77.6 0.0 148.6

176 73.5 0.0 141.4

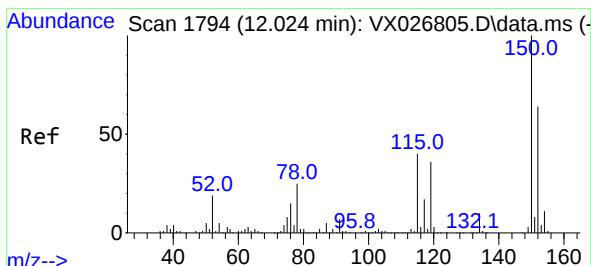
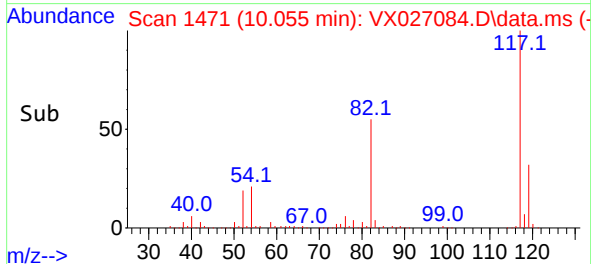
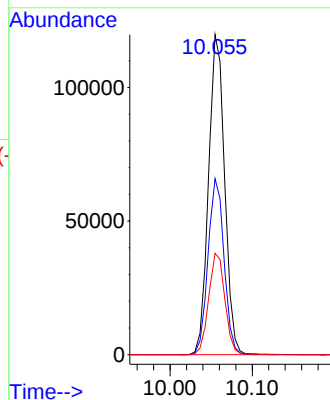
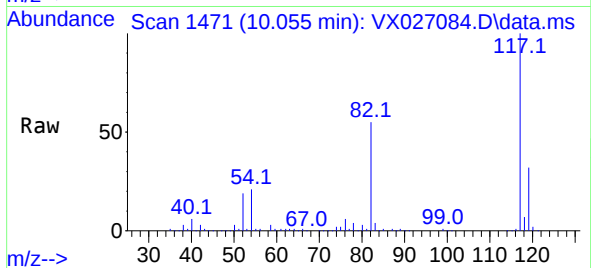




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

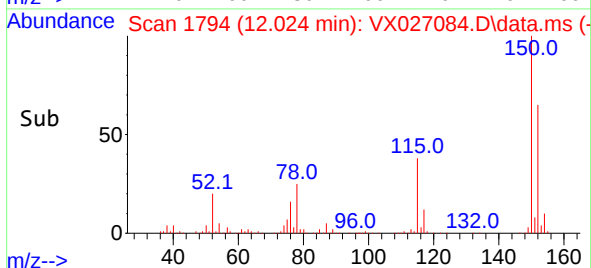
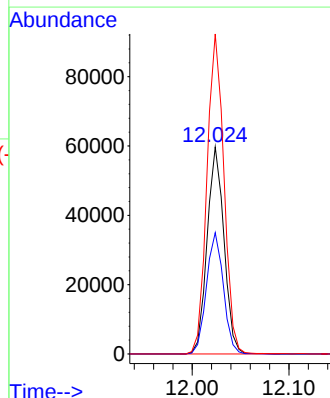
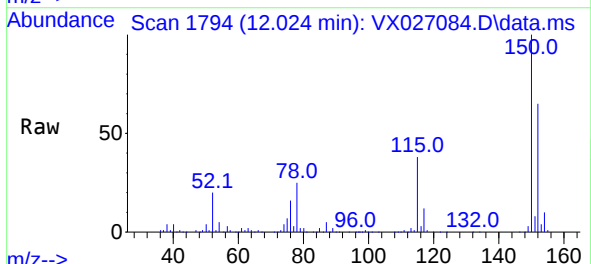
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#03

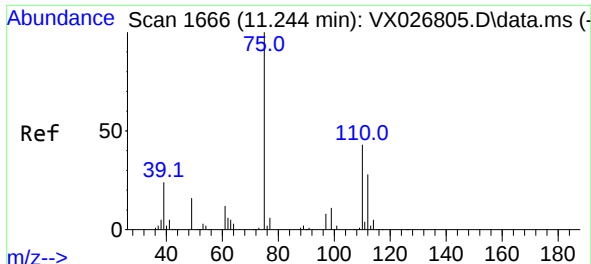
Tgt Ion:117 Resp: 162858
Ion Ratio Lower Upper
117 100
82 55.0 45.2 67.8
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion:152 Resp: 72568
Ion Ratio Lower Upper
152 100
115 58.9 44.2 132.6
150 155.5 0.0 348.2

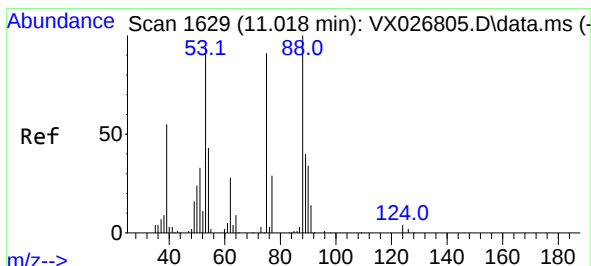
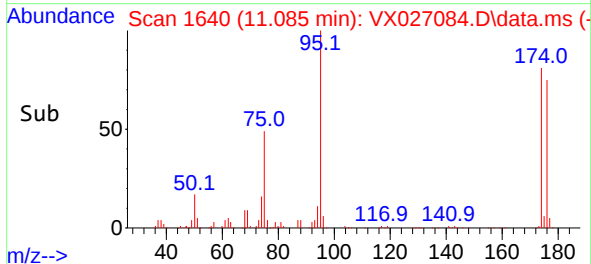
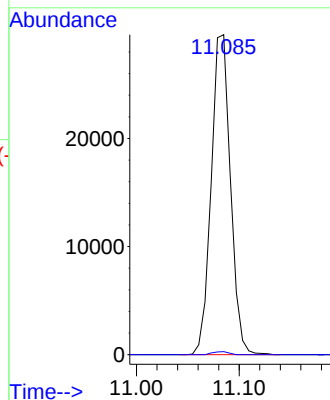
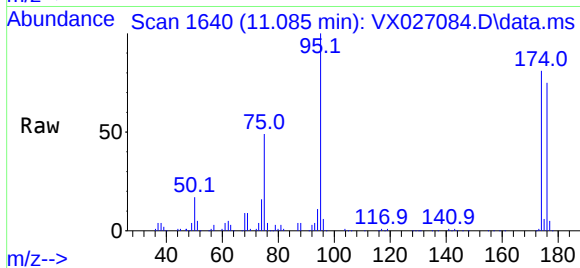




#76
1,2,3-Trichloropropane
Concen: 24.232 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#03

Tgt Ion: 75 Resp: 38494
Ion Ratio Lower Upper
75 100
77 0.8 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.018 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027084.D
Acq: 17 Feb 2022 17:42

Tgt Ion: 75 Resp: 38494
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

