

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035373.D
 Acq On : 28 Apr 2023 08:04
 Operator : JC/MD
 Sample : 02522-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Apr 28 08:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	240189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170531	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144494	49.864	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.720%
35) Dibromofluoromethane	5.385	113	120531	50.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	8.647	98	459945	50.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.300%
62) 4-Bromofluorobenzene	11.079	95	177376	51.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.840%

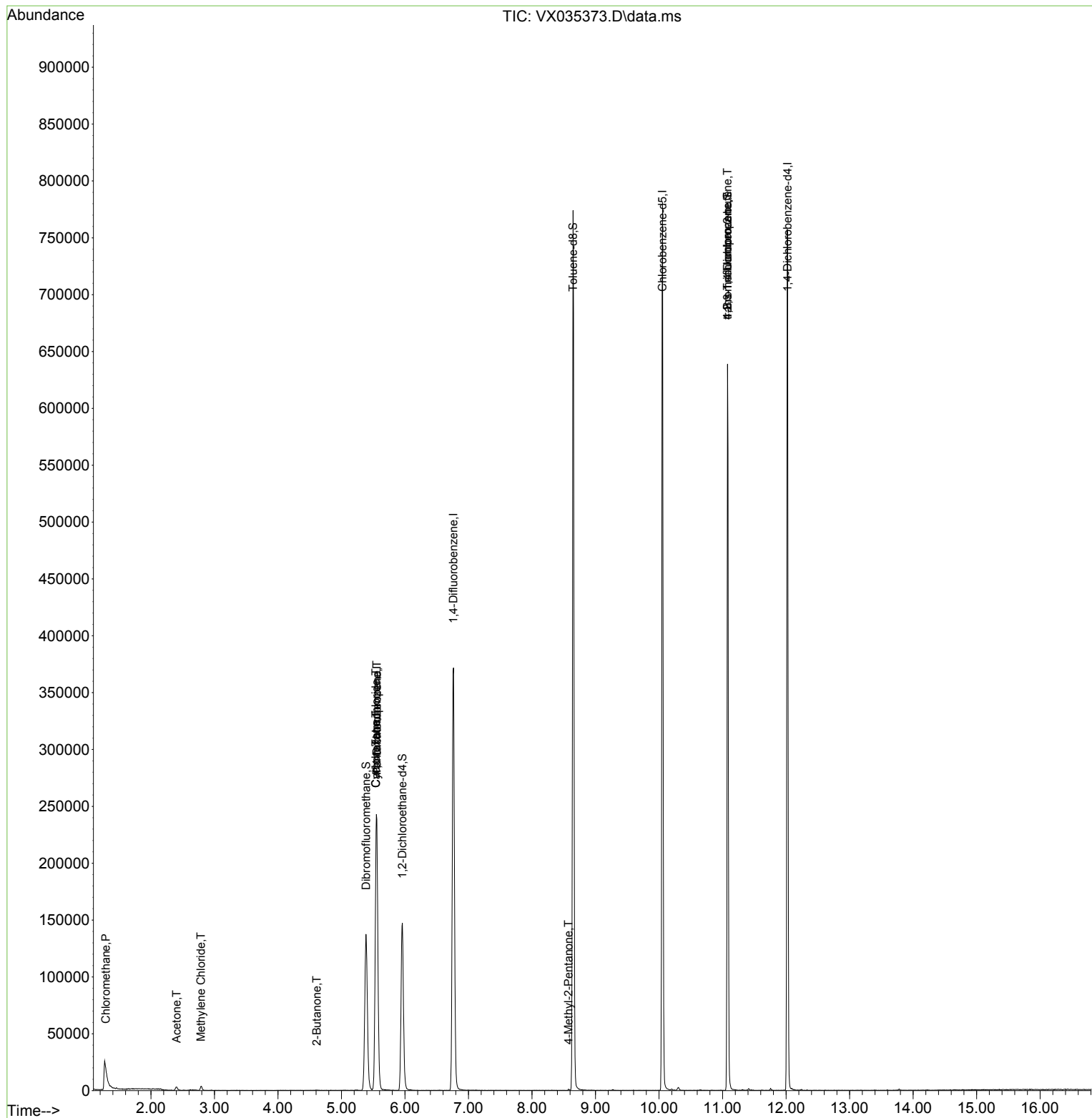
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	1461	0.632	ug/l #	42
16) Acetone	2.404	43	4604	3.658	ug/l	94
20) Methylene Chloride	2.788	84	1798	0.623	ug/l #	81
25) 2-Butanone	4.611	43	515	0.280	ug/l #	51
31) Cyclohexane	5.544	56	4456	1.084	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16572	4.409	ug/l #	51
38) Carbon Tetrachloride	5.544	117	23882	6.693	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	718	0.203	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	87069	25.596	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87069	82.900	ug/l #	8

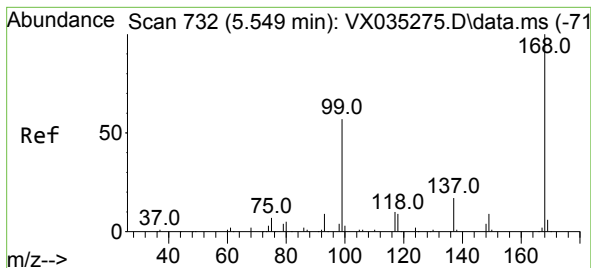
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Apr 28 08:33:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.007 min

Lab File: VX035373.D

Acq: 28 Apr 2023 08:04

Instrument :

MSVOA_X

ClientSampleId :

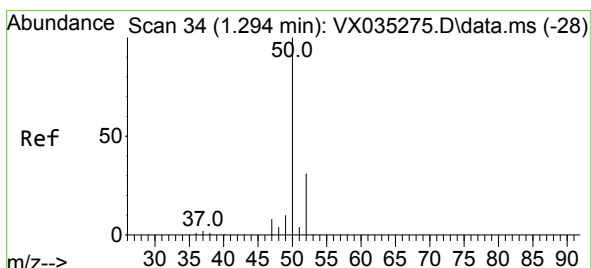
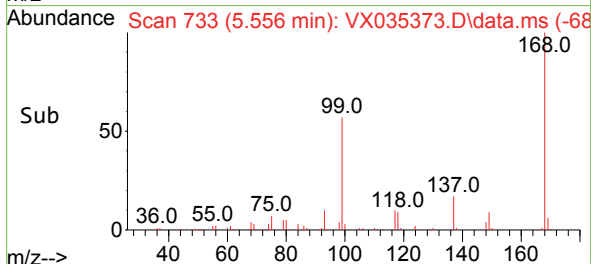
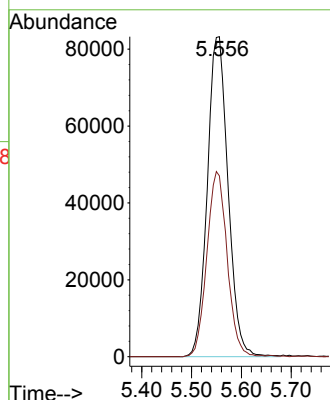
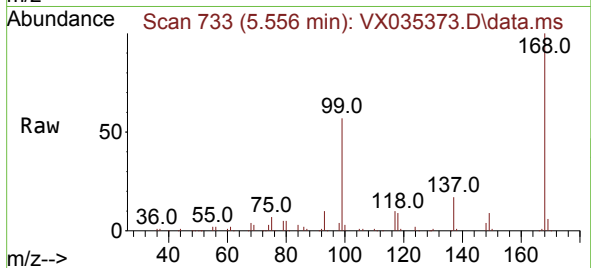
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Tgt Ion:168 Resp: 240189

Ion Ratio Lower Upper

168 100

99 56.5 45.7 68.5



#3

Chloromethane

Concen: 0.632 ug/l

RT: 1.288 min Scan# 33

Delta R.T. -0.006 min

Lab File: VX035373.D

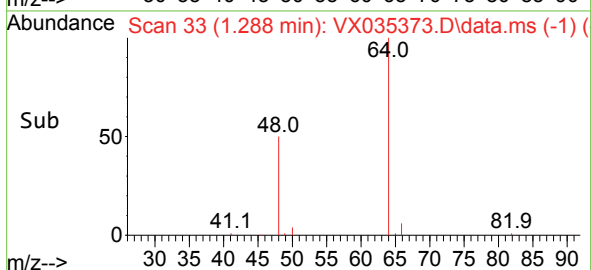
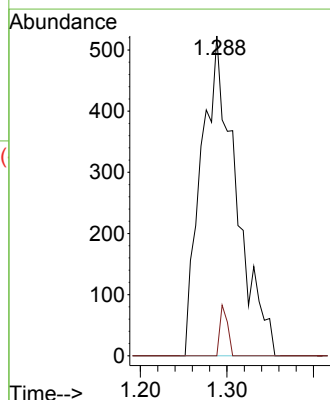
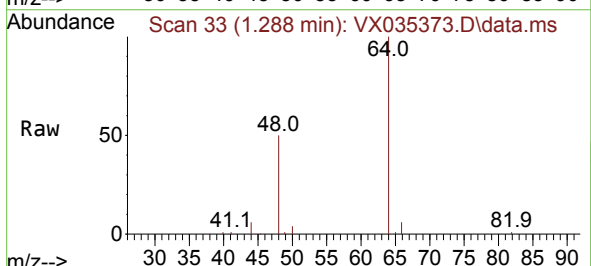
Acq: 28 Apr 2023 08:04

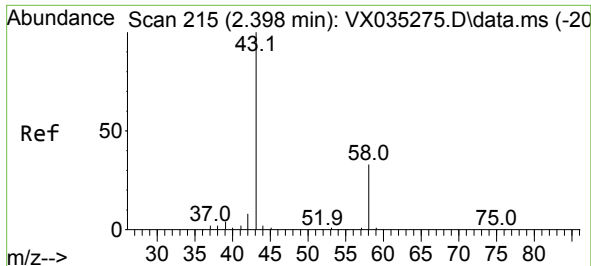
Tgt Ion: 50 Resp: 1461

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#





#16

Acetone

Concen: 3.658 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX035373.D

Acq: 28 Apr 2023 08:04

Instrument :

MSVOA_X

ClientSampleId :

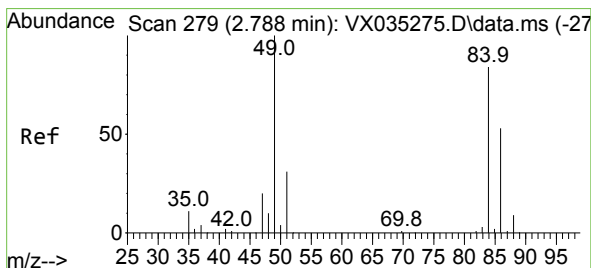
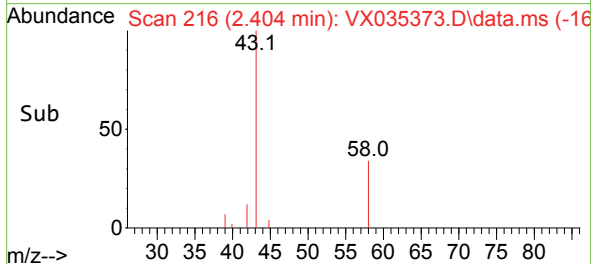
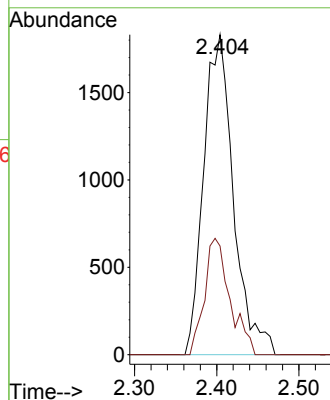
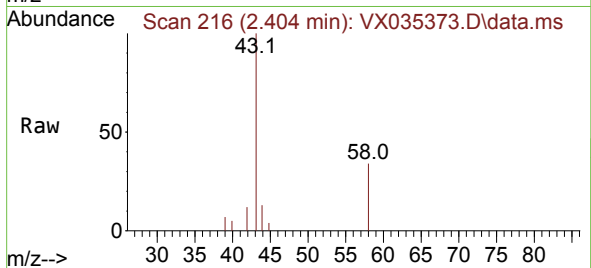
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Tgt Ion: 43 Resp: 4604

Ion Ratio Lower Upper

43 100

58 34.0 24.7 37.1



#20

Methylene Chloride

Concen: 0.623 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035373.D

Acq: 28 Apr 2023 08:04

Tgt Ion: 84 Resp: 1798

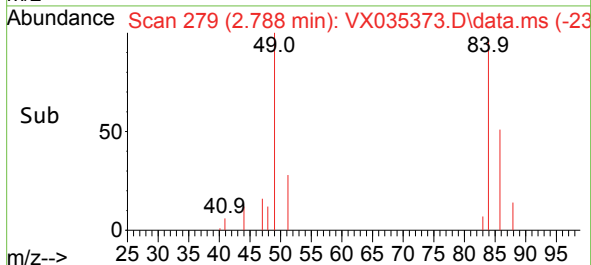
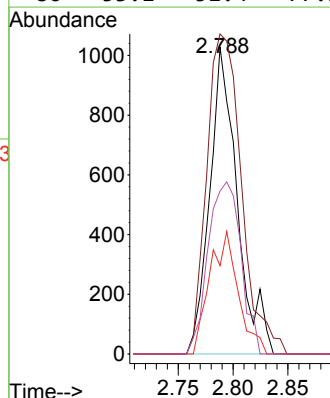
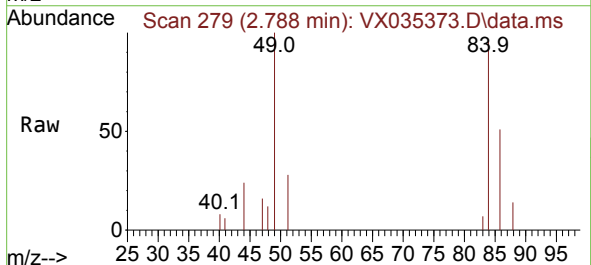
Ion Ratio Lower Upper

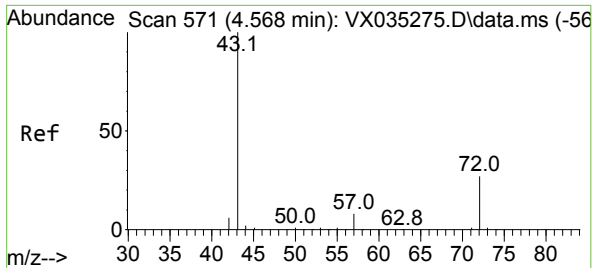
84 100

49 104.3 103.8 155.8

51 28.8 31.8 47.8#

86 53.1 51.4 77.2

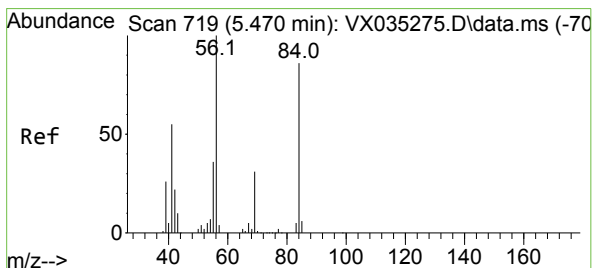
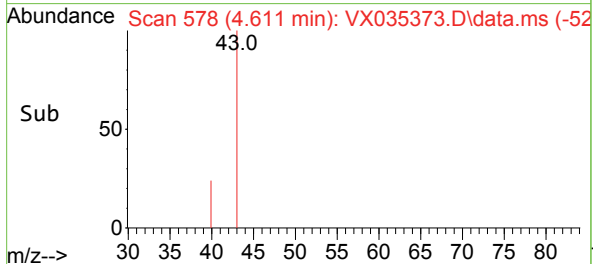
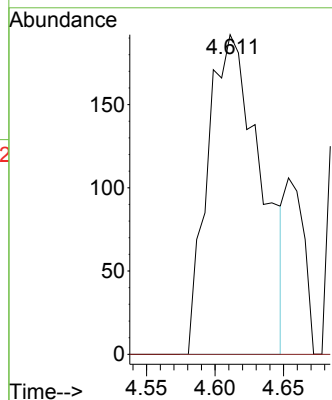
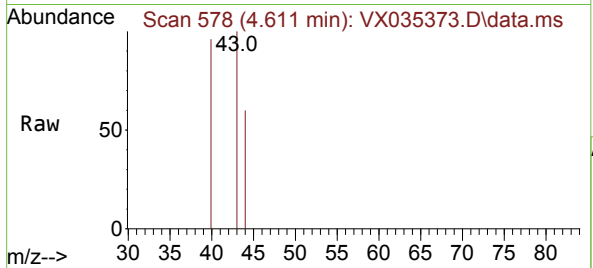




#25
2-Butanone
Concen: 0.280 ug/l
RT: 4.611 min Scan# 515
Delta R.T. 0.043 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

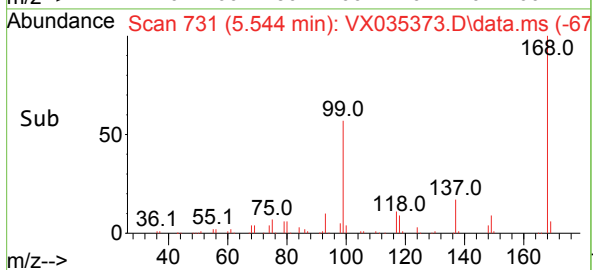
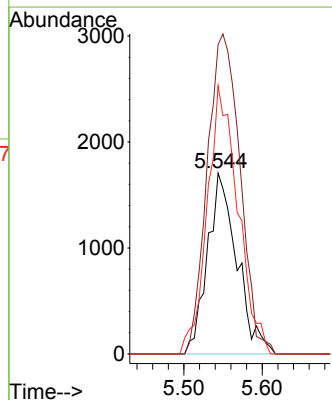
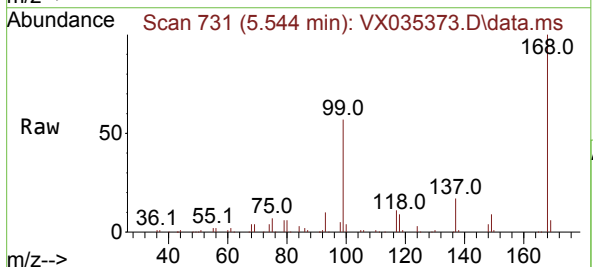
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MSVOA_X
ClientSampleId :
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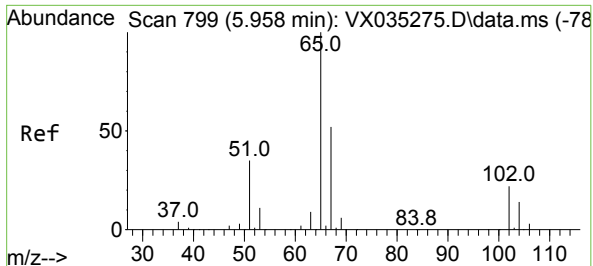
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

Tgt Ion: 56 Resp: 4456
Ion Ratio Lower Upper
56 100
69 171.1 23.7 35.5#
84 148.3 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.864 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035373.D

Acq: 28 Apr 2023 08:04

Instrument :

MSVOA_X

ClientSampleId :

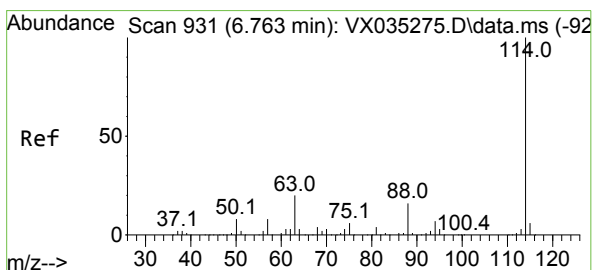
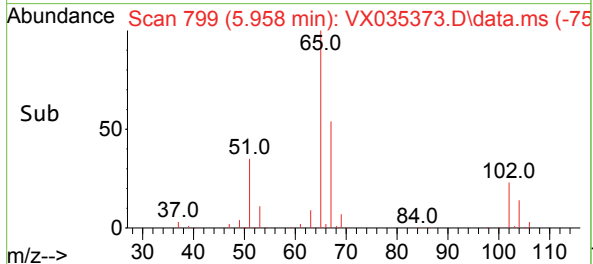
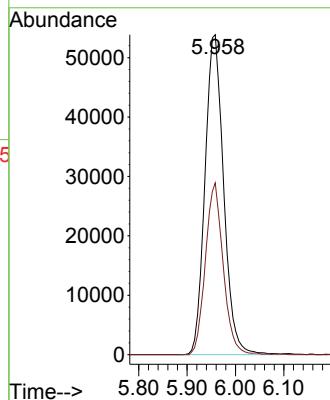
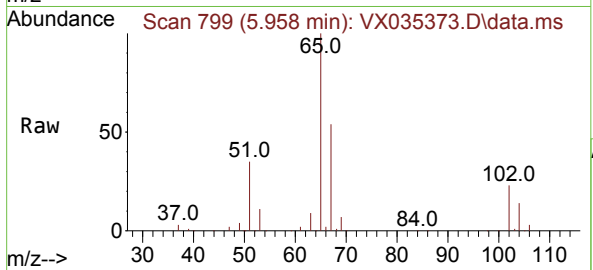
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Tgt Ion: 65 Resp: 144494

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035373.D

Acq: 28 Apr 2023 08:04

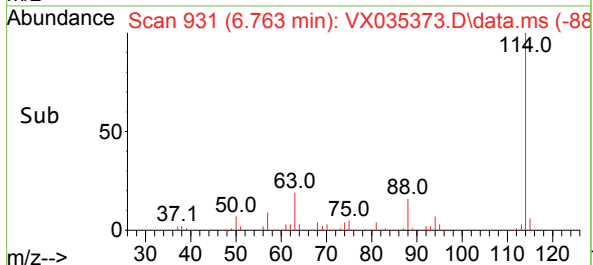
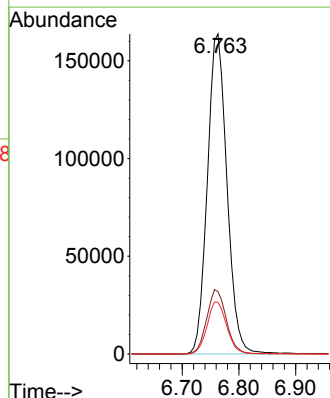
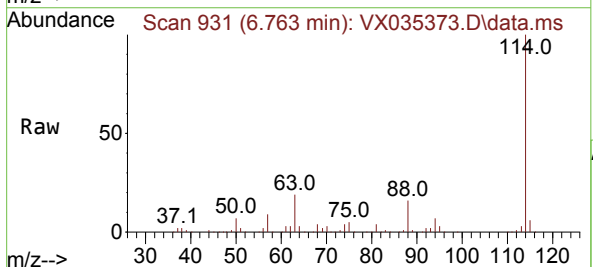
Tgt Ion: 114 Resp: 392226

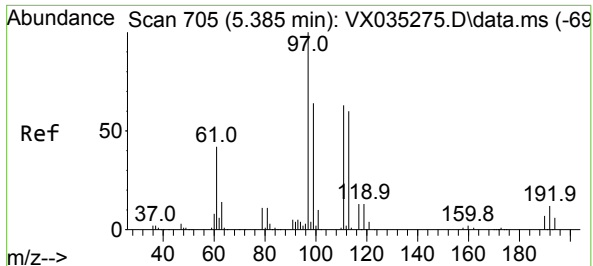
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.2

88 16.1 0.0 33.2

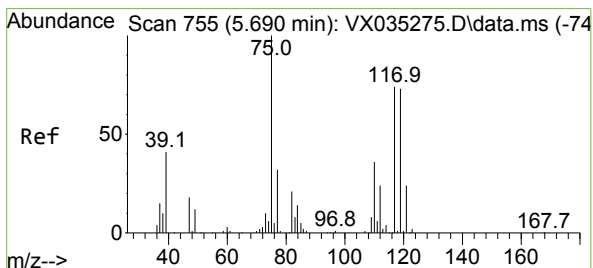
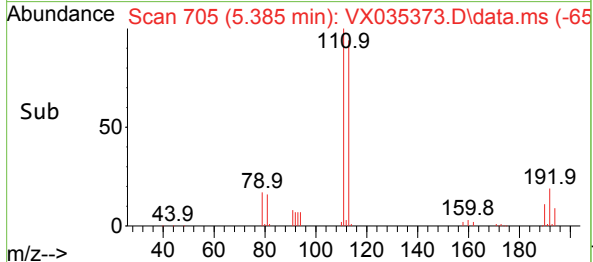
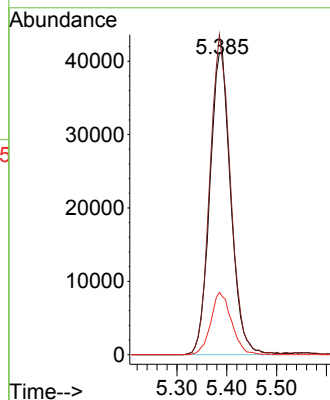
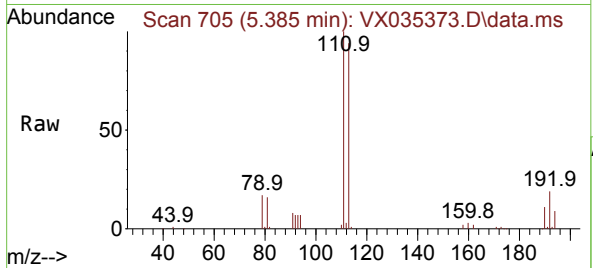




#35
Dibromofluoromethane
Concen: 50.068 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

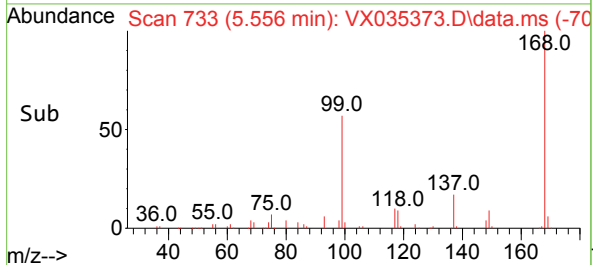
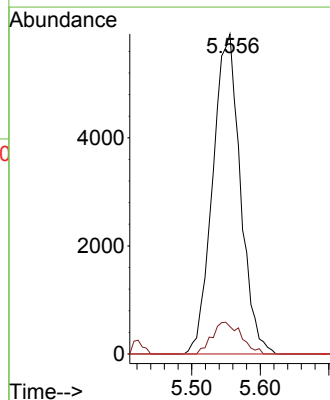
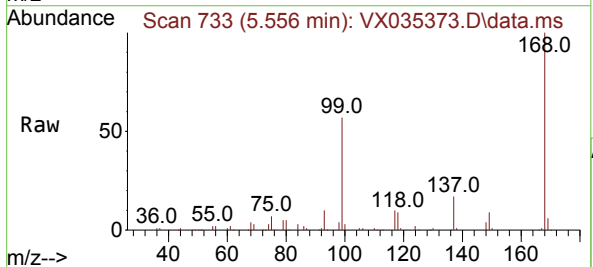
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ClientSampleId :
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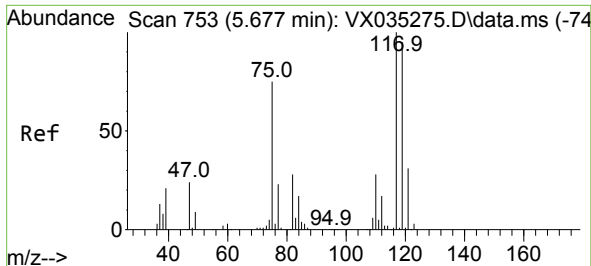
Tgt Ion:113 Resp: 120531
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 20.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.409 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

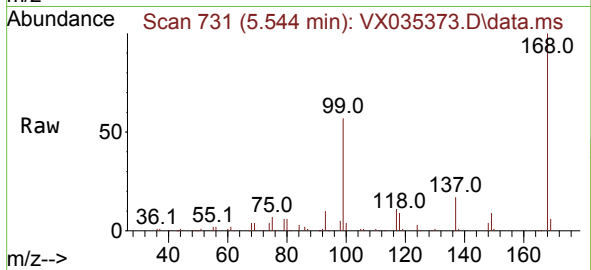
Tgt Ion: 75 Resp: 16572
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.3 36.5#



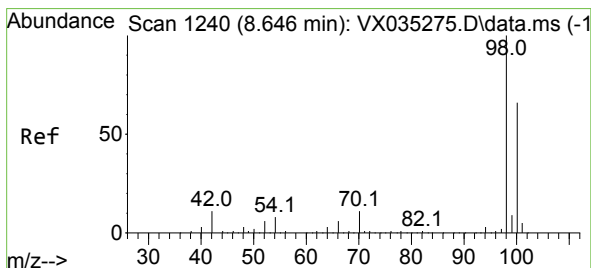
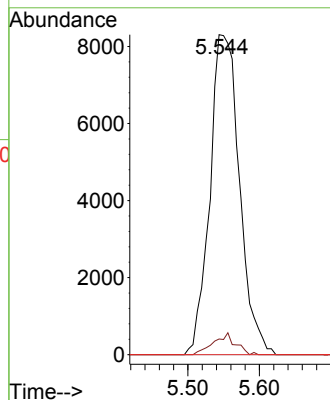
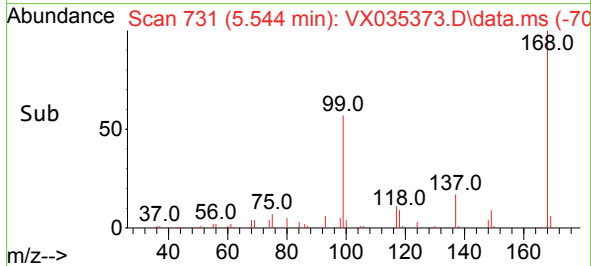


#38
Carbon Tetrachloride
Concen: 6.693 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

Instrument :
MSVOA_X
ClientSampleId :
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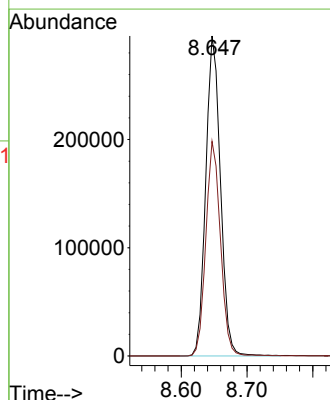
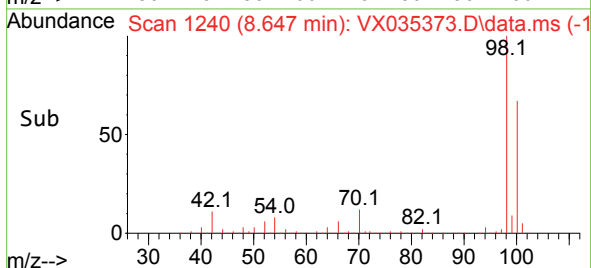
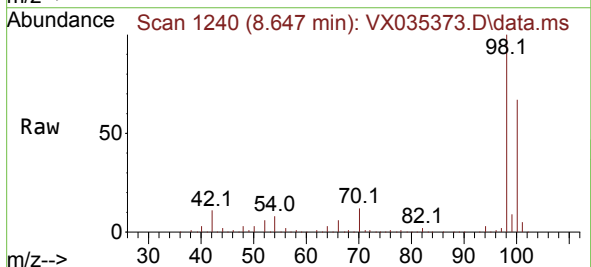


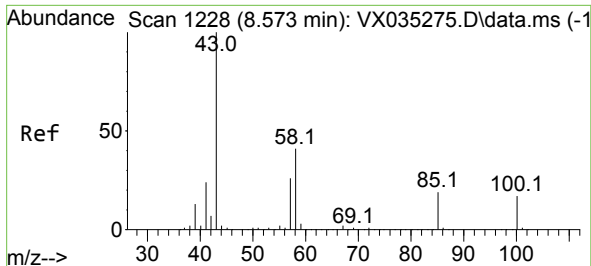
Tgt Ion:117 Resp: 23882
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.647 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

Tgt Ion: 98 Resp: 459945
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

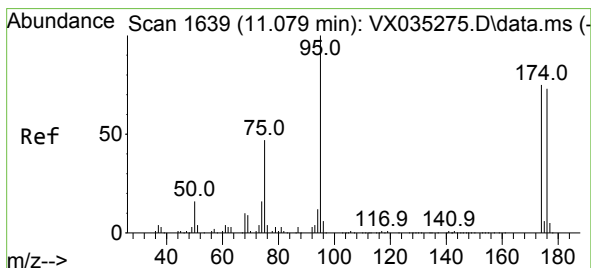
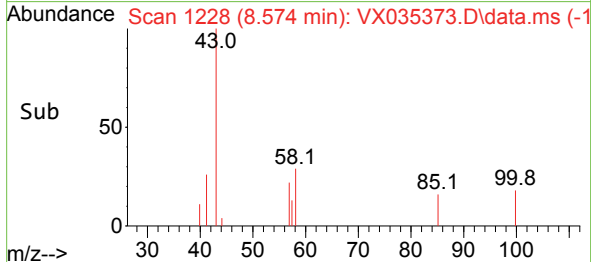
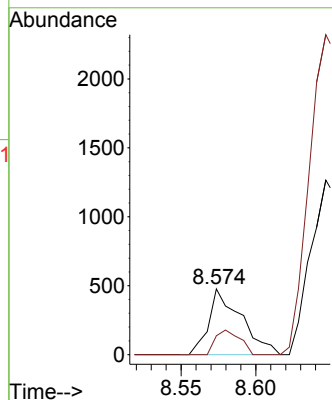
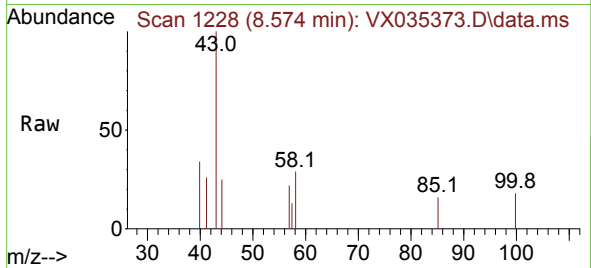




#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

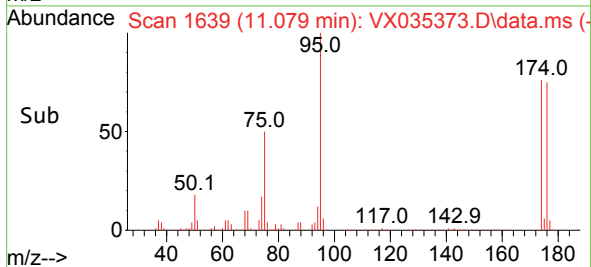
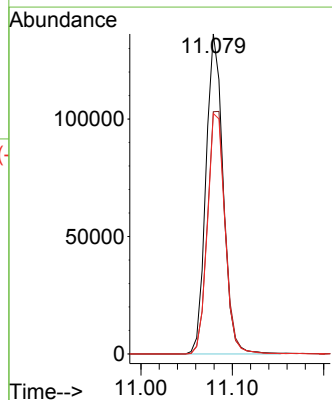
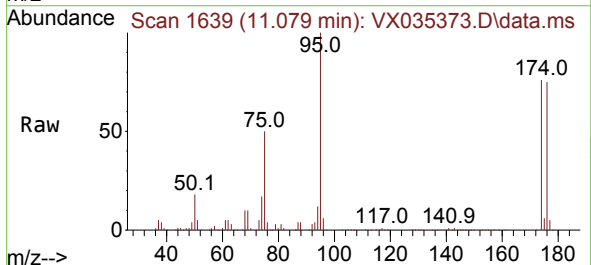
Instrument :
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ClientSampleId :
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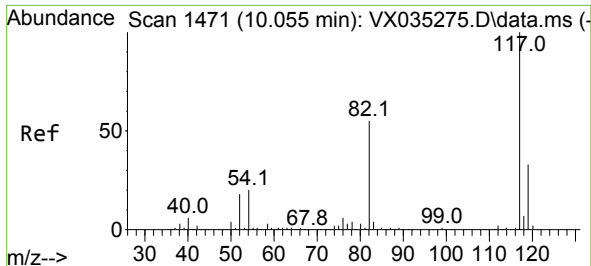
Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 28.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

Tgt Ion: 95 Resp: 177376
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 76.7 0.0 140.6

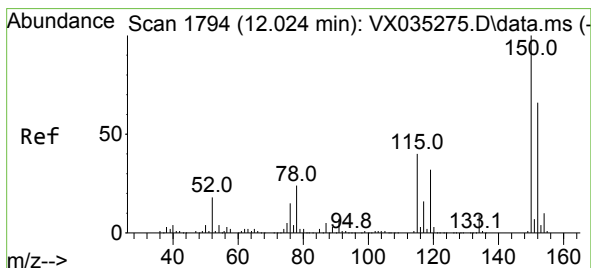
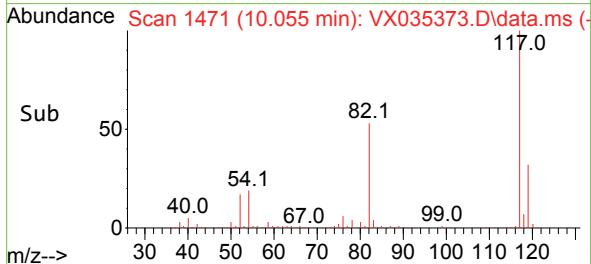
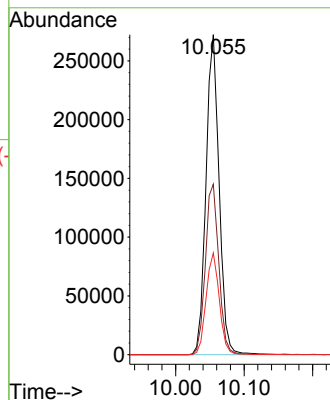
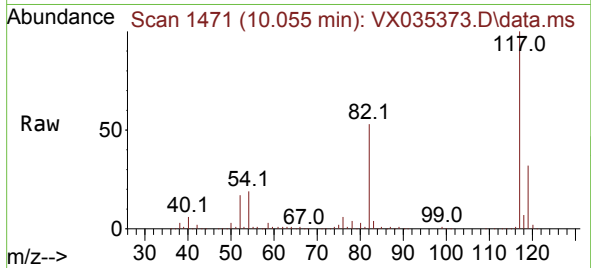




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

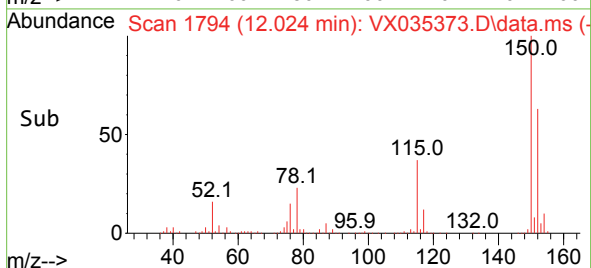
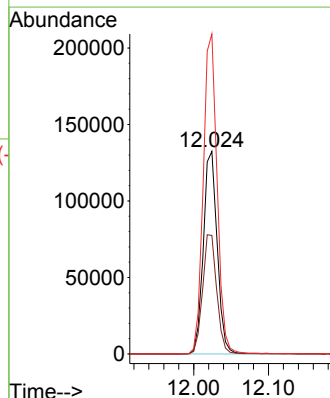
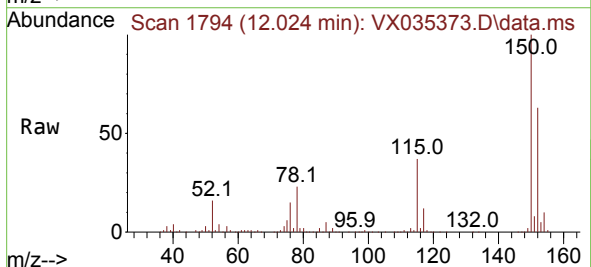
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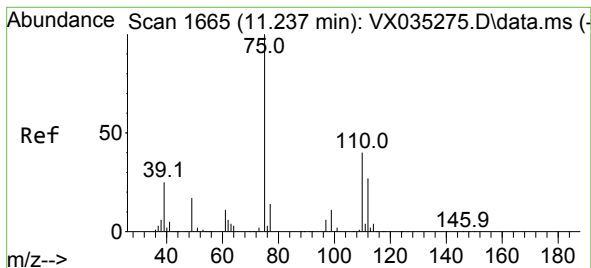
Tgt Ion:117 Resp: 362302
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035373.D
Acq: 28 Apr 2023 08:04

Tgt Ion:152 Resp: 170531
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 158.3 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.596 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035373.D

Acq: 28 Apr 2023 08:04

Instrument :

MSVOA_X

ClientSampleId :

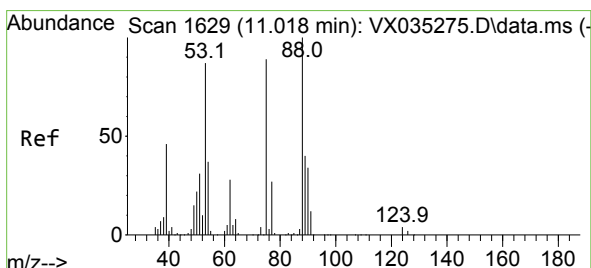
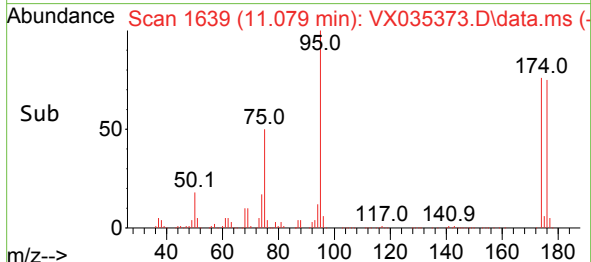
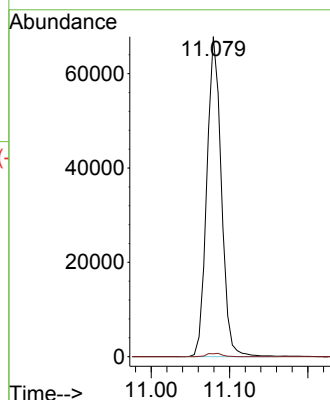
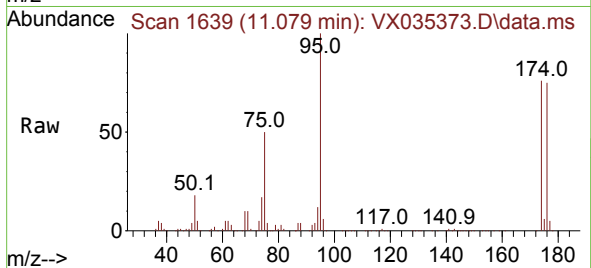
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Tgt Ion: 75 Resp: 87069

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.900 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035373.D

Acq: 28 Apr 2023 08:04

Tgt Ion: 75 Resp: 87069

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

