

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026462.D
 Acq On : 14 Jan 2022 19:03
 Operator : JC/MD
 Sample : PB142010ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:41:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

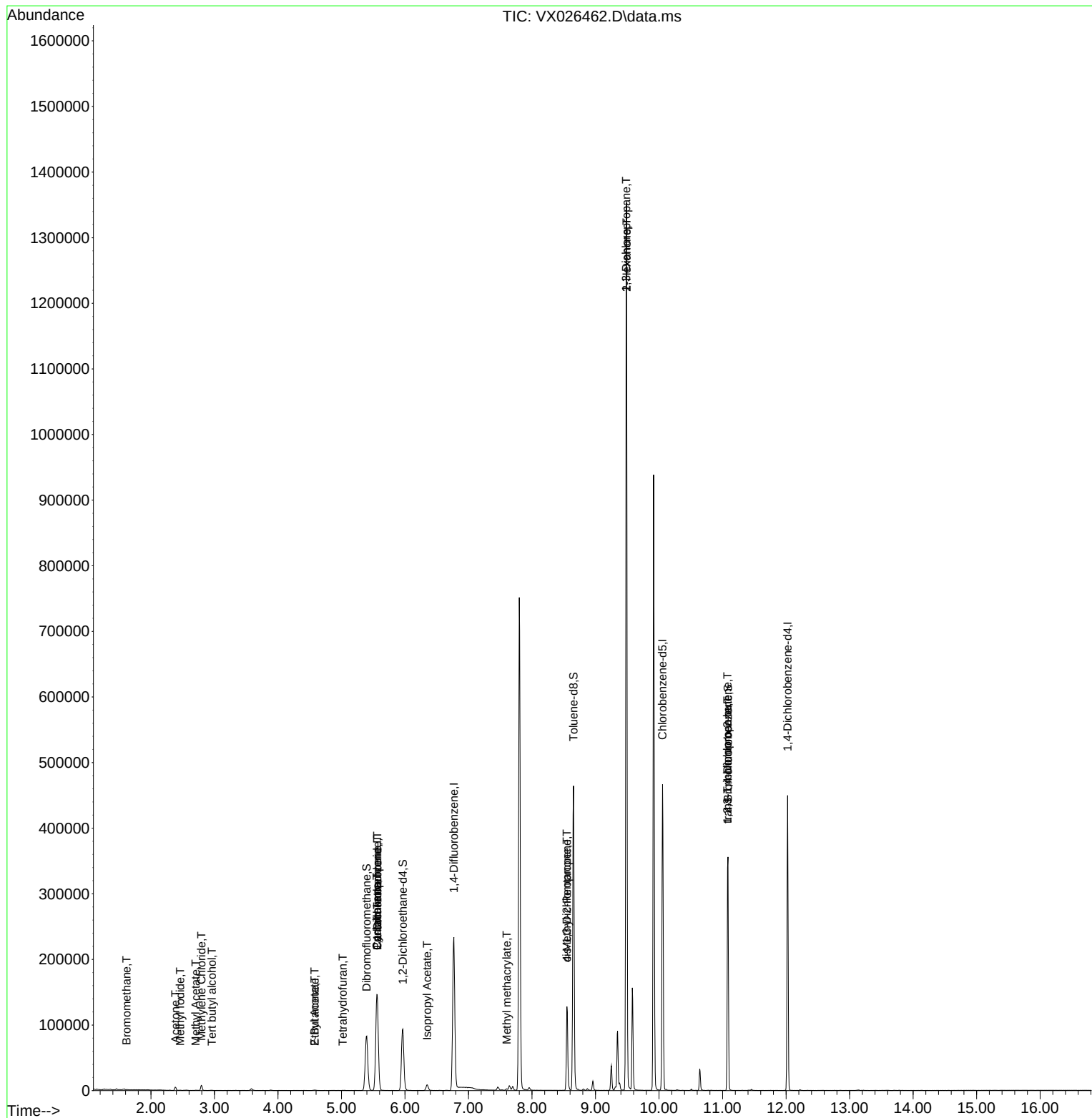
Internal Standards						
1) Pentafluorobenzene	5.562	168	137965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94302	48.930	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.860%
35) Dibromofluoromethane	5.397	113	72813	49.297	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.600%
50) Toluene-d8	8.652	98	268160	50.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.760%
62) 4-Bromofluorobenzene	11.085	95	98721	52.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.420%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	160	0.221	ug/l	92
10) Methyl Iodide	2.458	142	401	4.670	ug/l #	83
11) Tert butyl alcohol	2.958	59	248	0.925	ug/l #	75
16) Acetone	2.385	43	5965	6.069	ug/l	97
18) Methyl Acetate	2.702	43	735	0.376	ug/l #	68
20) Methylene Chloride	2.794	84	3237	1.993	ug/l	94
25) 2-Butanone	4.574	43	1315	1.029	ug/l	99
29) Tetrahydrofuran	5.019	42	292	0.385	ug/l #	34
31) Cyclohexane	5.556	56	2820	0.992	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11184	4.797	ug/l #	50
37) Ethyl Acetate	4.574	43	1315	0.558	ug/l #	69
38) Carbon Tetrachloride	5.562	117	14786	6.165	ug/l #	16
43) Isopropyl Acetate	6.348	43	12197	3.201	ug/l	98
48) Methyl methacrylate	7.604	41	3528	1.868	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	45515	20.140	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19895	8.084	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	11697	4.375	ug/l #	43
59) 2-Hexanone	9.488	43	171463	99.131	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	49741	25.912	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	49741	78.580	ug/l #	4

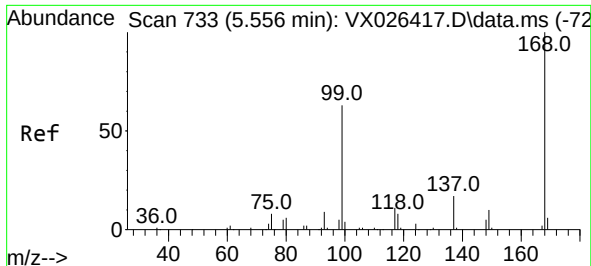
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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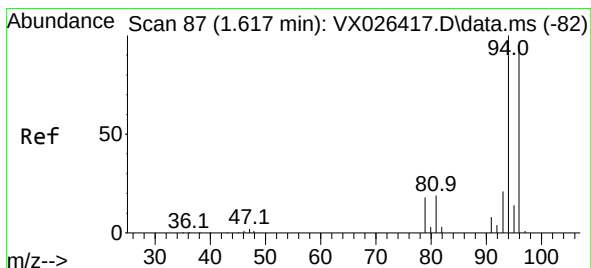
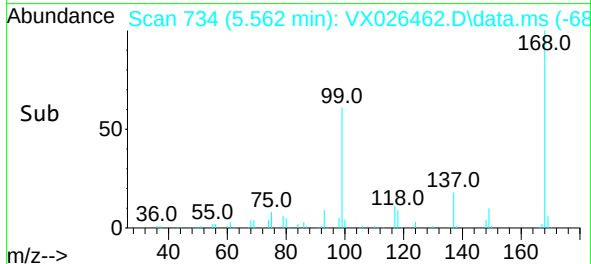
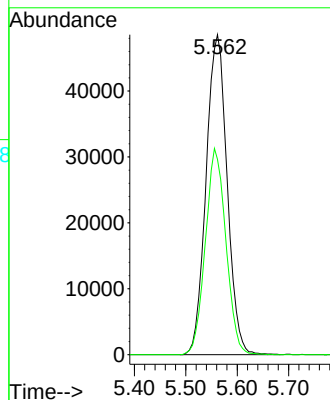
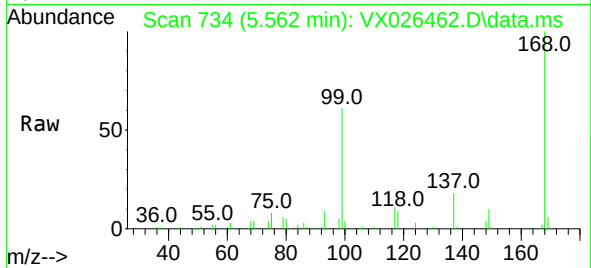




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

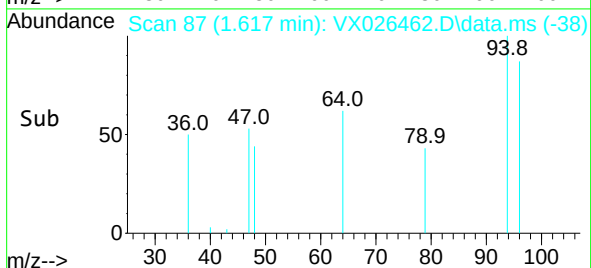
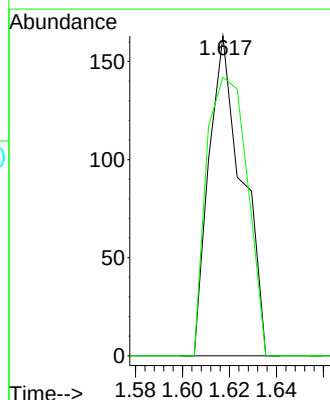
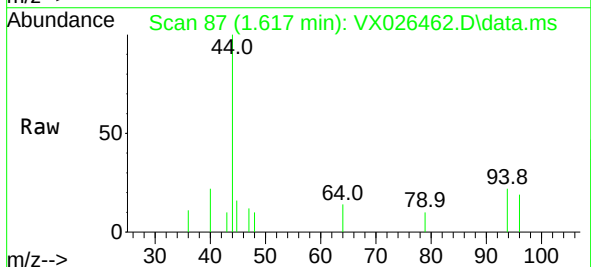
Instrument :
MSVOA_X
ClientSampleId :

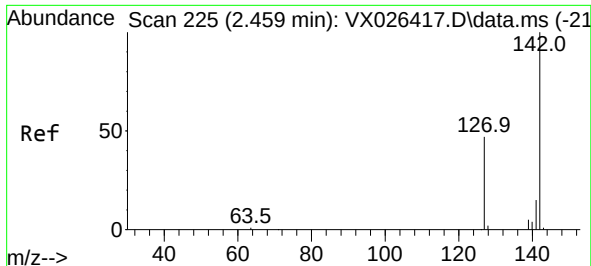
Tgt Ion:168 Resp: 137965
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

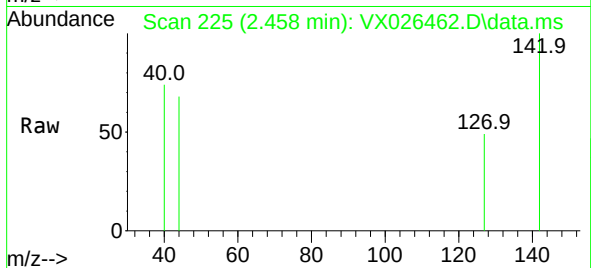
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 87.1 75.9 113.9



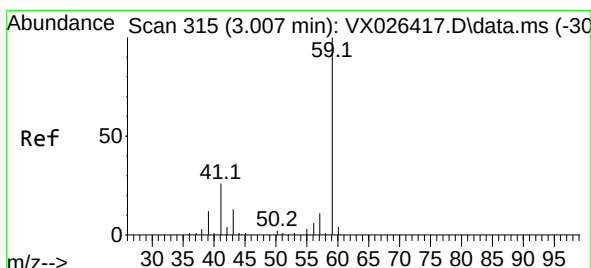
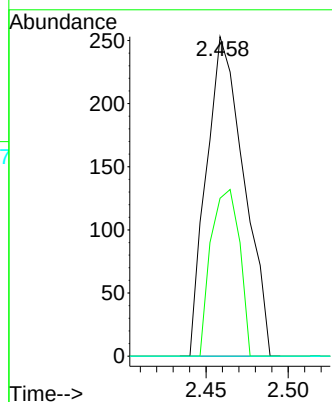
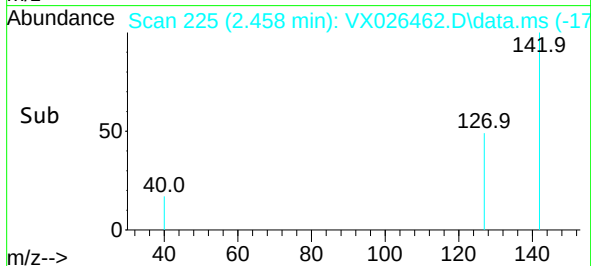


#10
Methyl Iodide
Concen: 4.670 ug/l
RT: 2.458 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

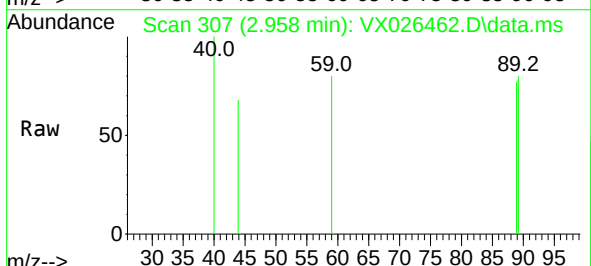
Instrument :
MSVOA_X
ClientSampleId :



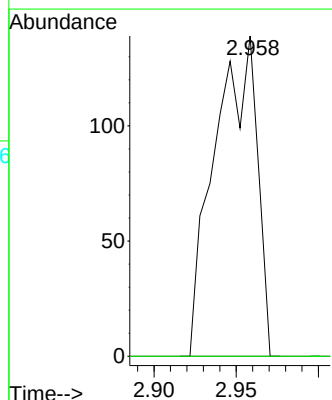
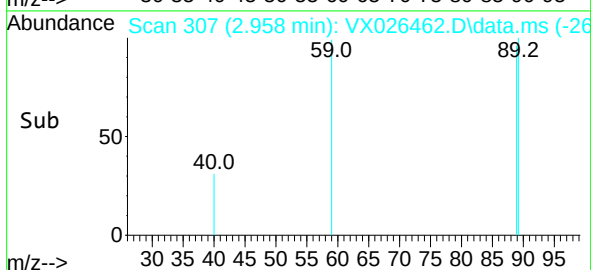
Tgt Ion:142 Resp: 401
Ion Ratio Lower Upper
142 100
127 39.9 38.1 57.1
141 0.0 11.2 16.8#

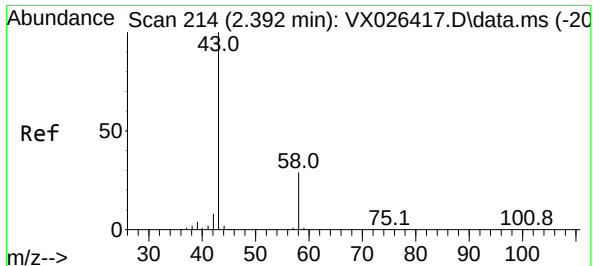


#11
Tert butyl alcohol
Concen: 0.925 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.049 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03



Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

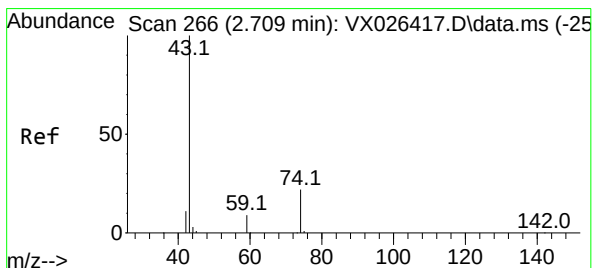
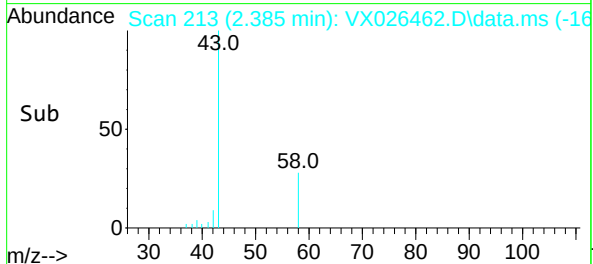
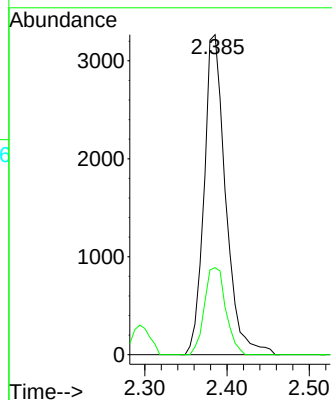
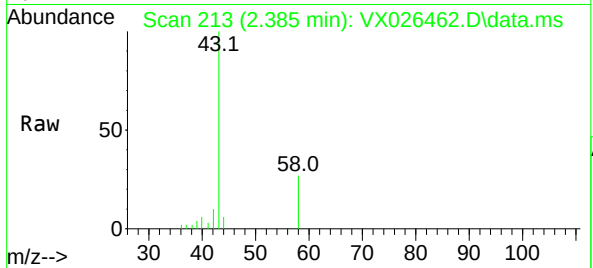




#16
Acetone
Concen: 6.069 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

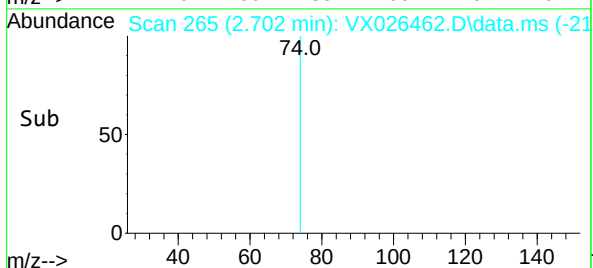
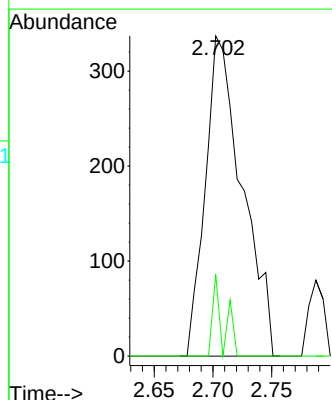
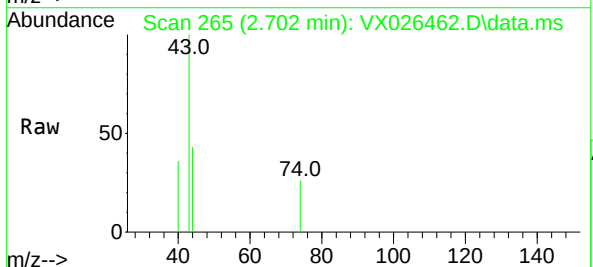
Instrument :
MSVOA_X
ClientSampleId :

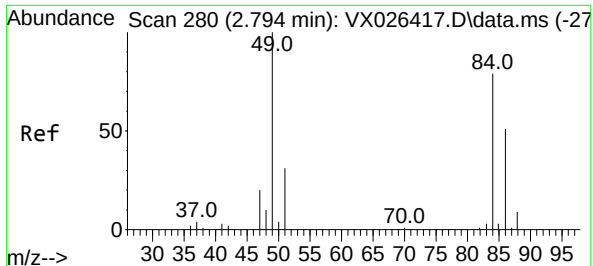
Tgt Ion: 43 Resp: 5965
Ion Ratio Lower Upper
43 100
58 27.2 23.0 34.6



#18
Methyl Acetate
Concen: 0.376 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
74 7.2 18.3 27.5#





#20

Methylene Chloride

Concen: 1.993 ug/l

RT: 2.794 min Scan# 21

Delta R.T. -0.000 min

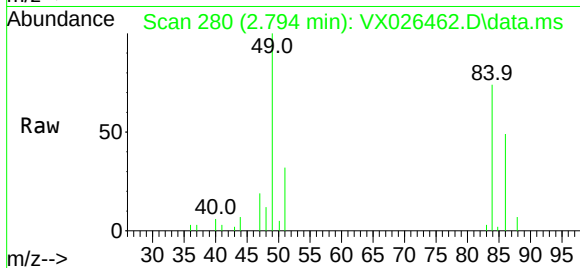
Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 3237

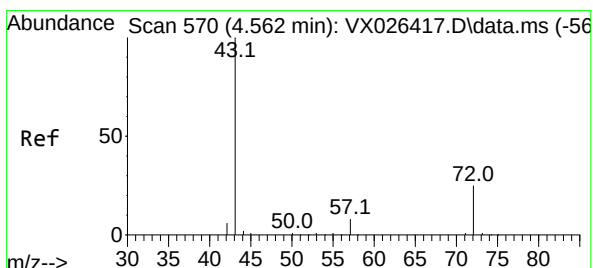
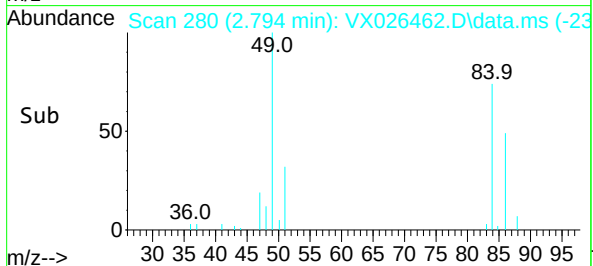
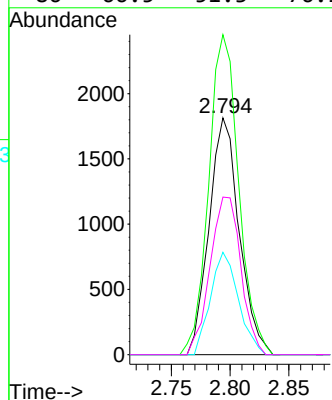
Ion Ratio Lower Upper

84 100

49 135.1 101.5 152.3

51 43.3 31.2 46.8

86 66.5 51.3 76.9



#25

2-Butanone

Concen: 1.029 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026462.D

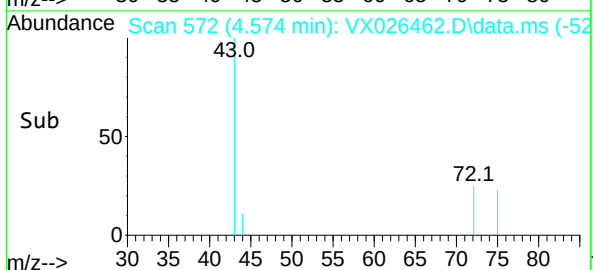
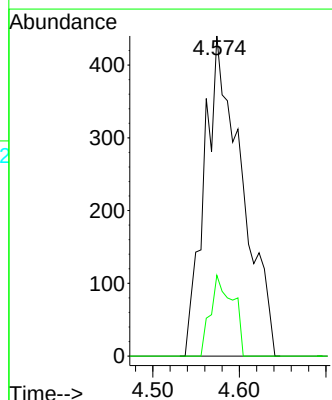
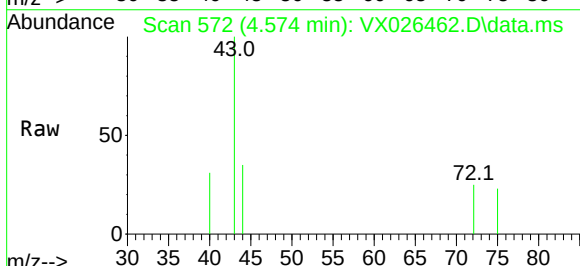
Acq: 14 Jan 2022 19:03

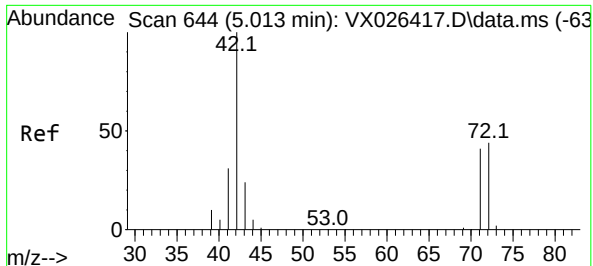
Tgt Ion: 43 Resp: 1315

Ion Ratio Lower Upper

43 100

72 25.2 20.4 30.6





#29

Tetrahydrofuran

Concen: 0.385 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX026462.D

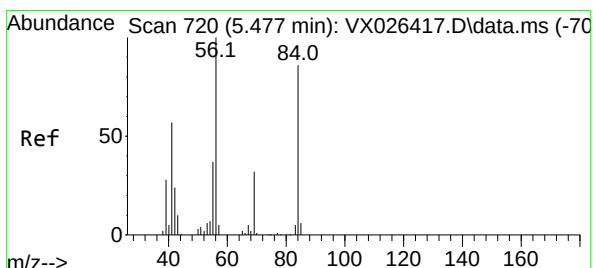
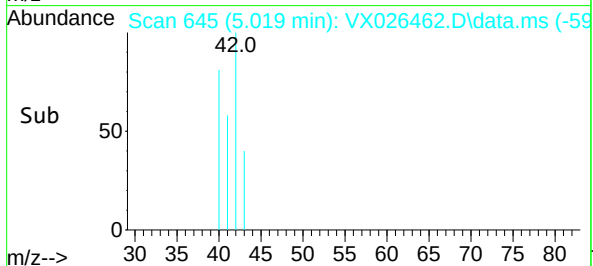
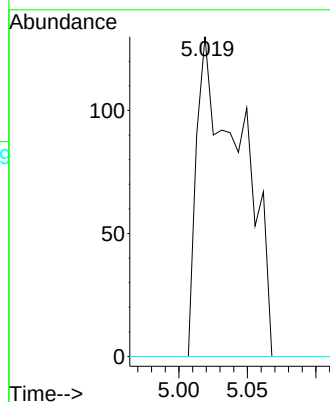
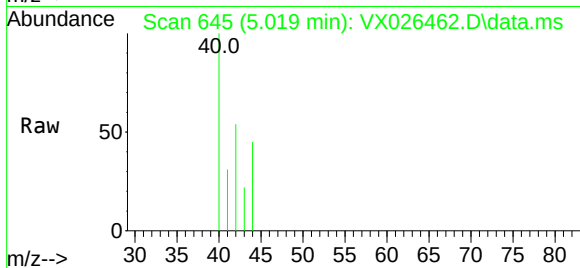
Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	292
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	52.0#
71	0.0	31.8	47.8#



#31

Cyclohexane

Concen: 0.992 ug/l

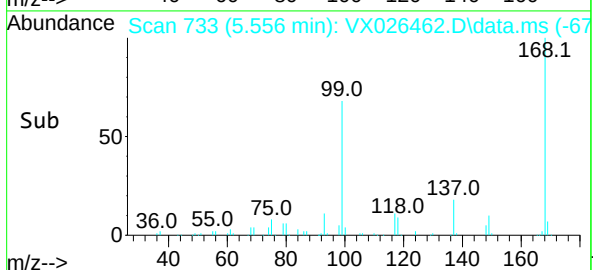
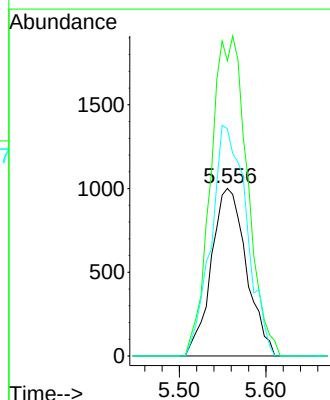
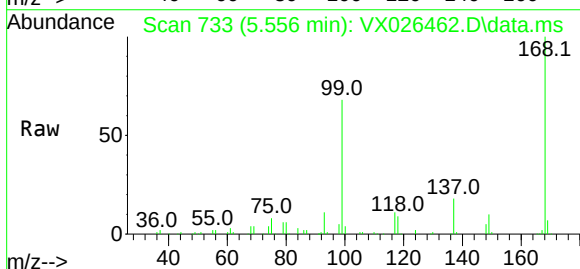
RT: 5.556 min Scan# 733

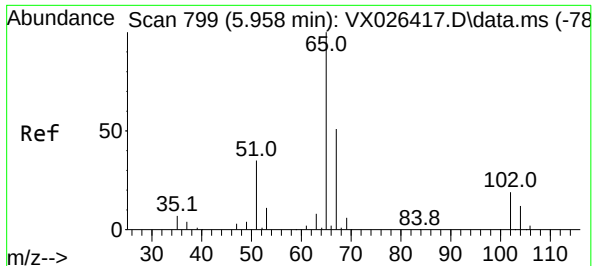
Delta R.T. 0.079 min

Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

Tgt Ion:	56	Resp:	2820
Ion	Ratio	Lower	Upper
56	100		
69	176.0	25.8	38.6#
84	135.6	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.930 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

Instrument :

MSVOA_X

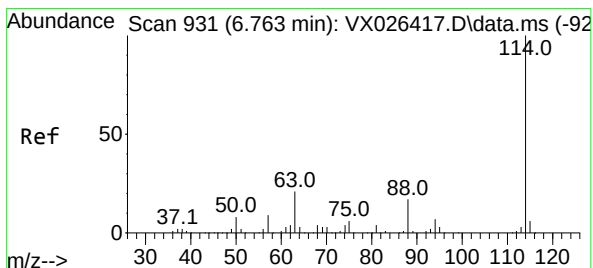
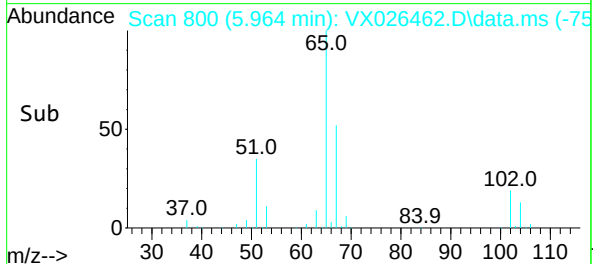
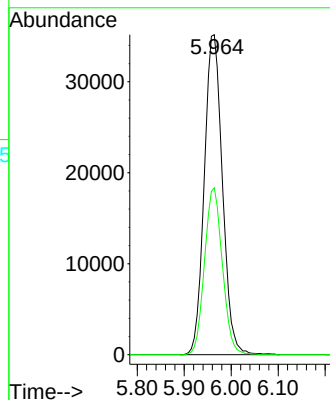
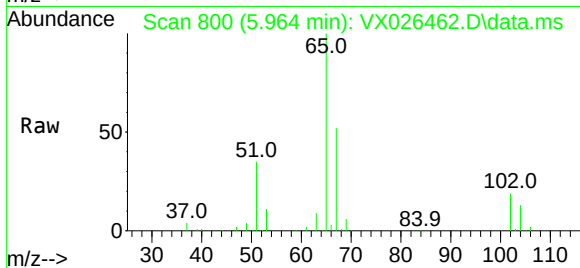
ClientSampleId :

Tgt Ion: 65 Resp: 94302

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

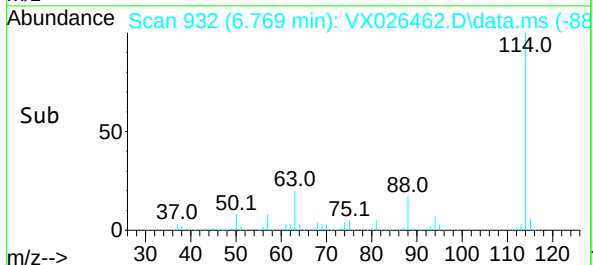
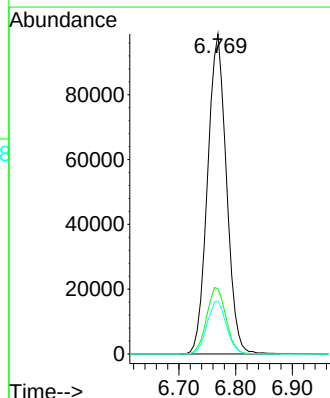
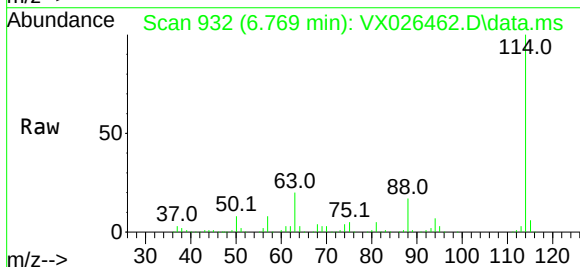
Tgt Ion: 114 Resp: 228722

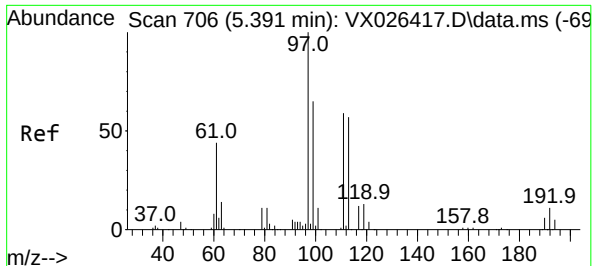
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.297 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

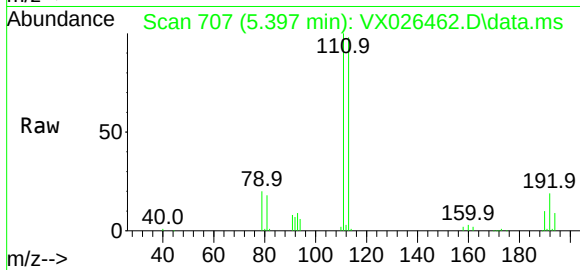
Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

Instrument :

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ClientSampleId :



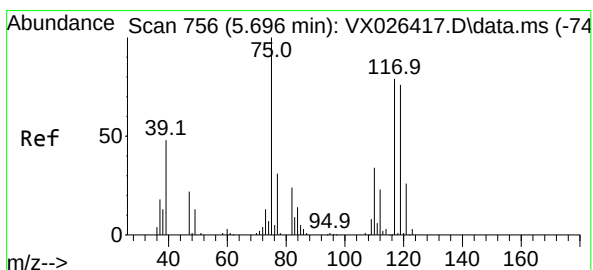
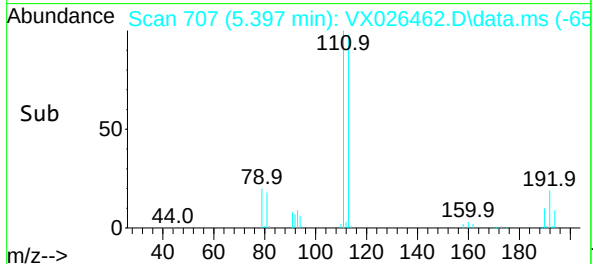
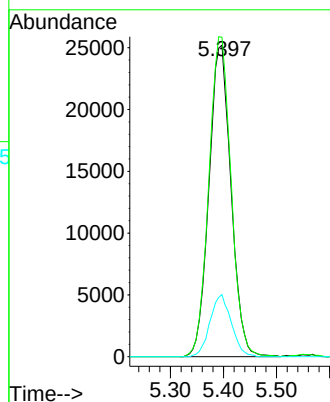
Tgt Ion:113 Resp: 72813

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

192 19.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

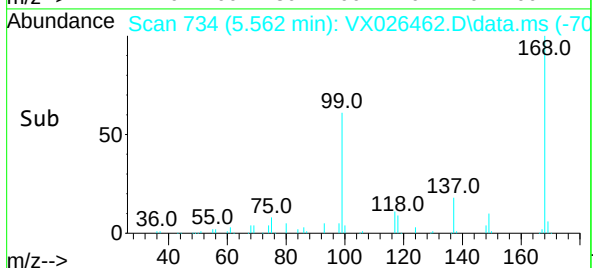
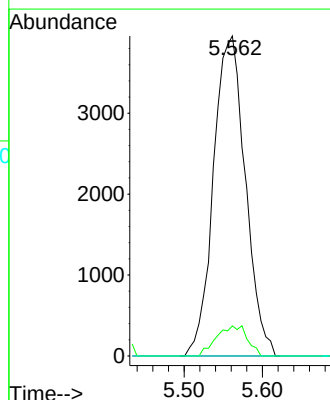
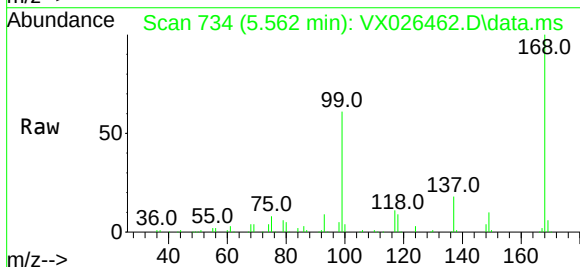
Tgt Ion: 75 Resp: 11184

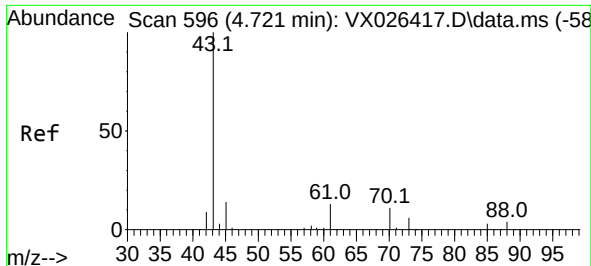
Ion Ratio Lower Upper

75 100

110 9.1 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.558 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.147 min

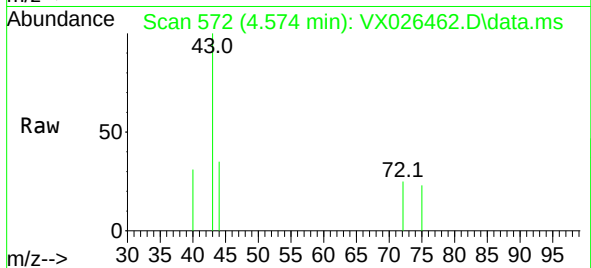
Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

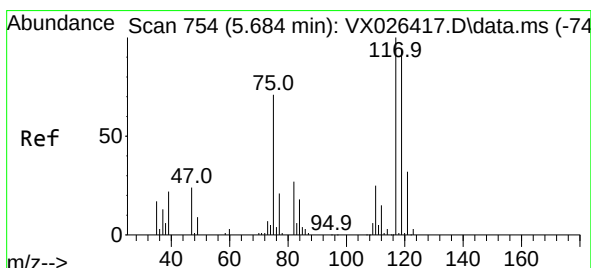
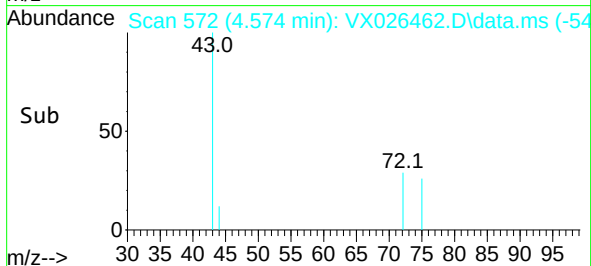
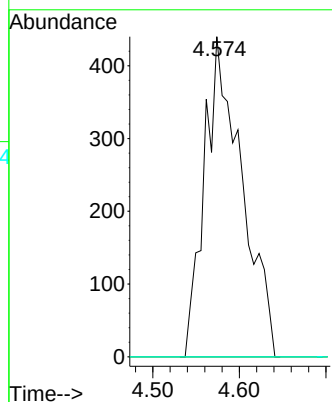
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 1315
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.165 ug/l

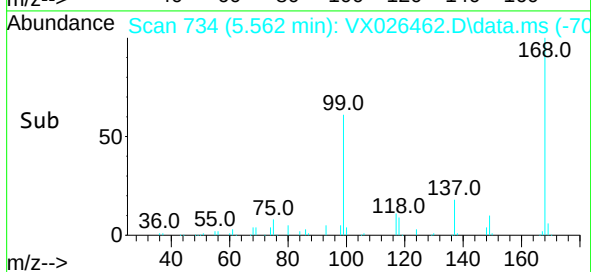
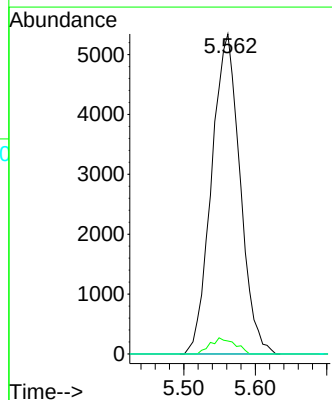
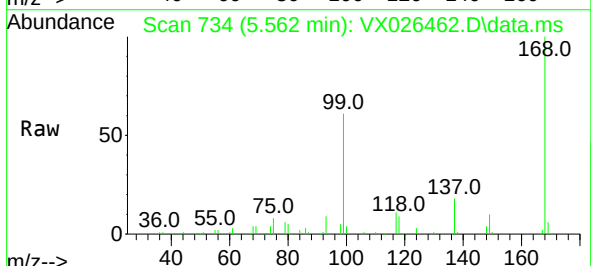
RT: 5.562 min Scan# 734

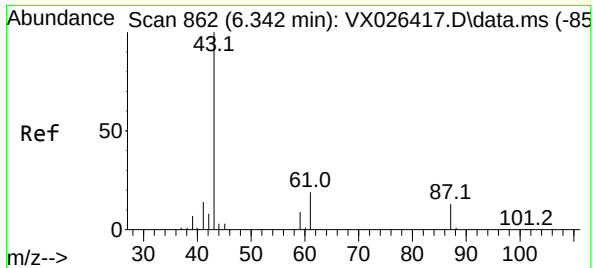
Delta R.T. -0.122 min

Lab File: VX026462.D

Acq: 14 Jan 2022 19:03

Tgt Ion: 117	Resp: 14786
Ion Ratio	Lower Upper
117	100
119	4.1 74.7 112.1#
121	0.0 25.4 38.0#

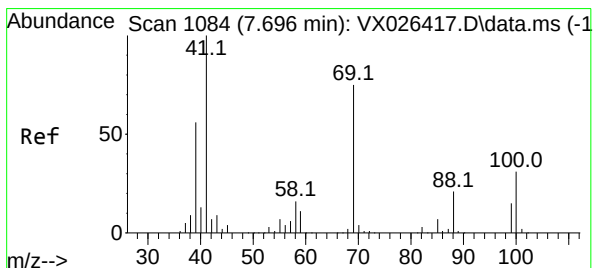
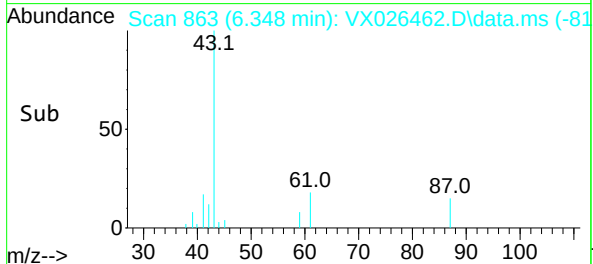
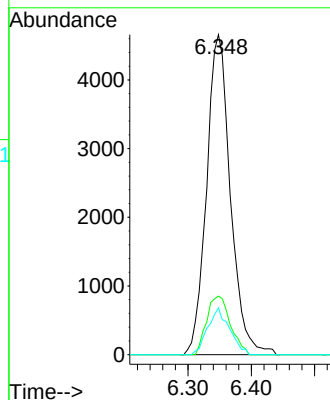
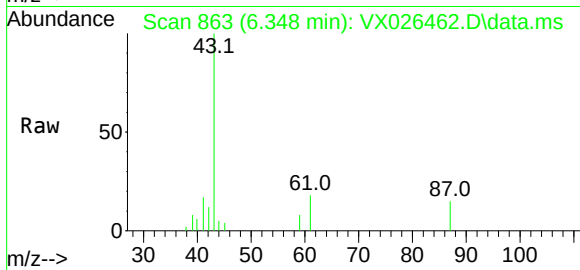




#43
Isopropyl Acetate
Concen: 3.201 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

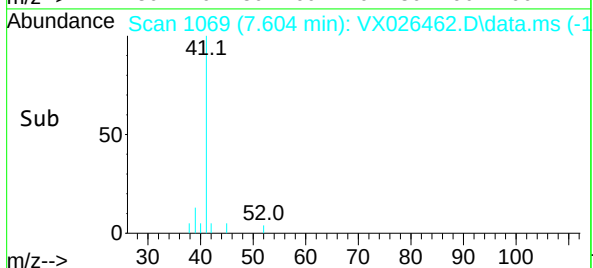
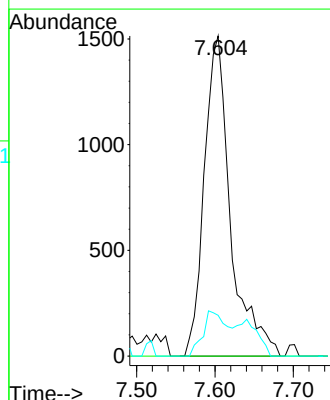
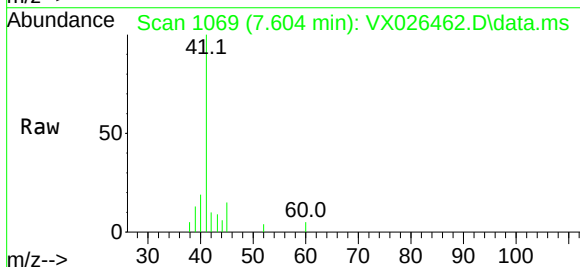
Instrument :
MSVOA_X
ClientSampleId :

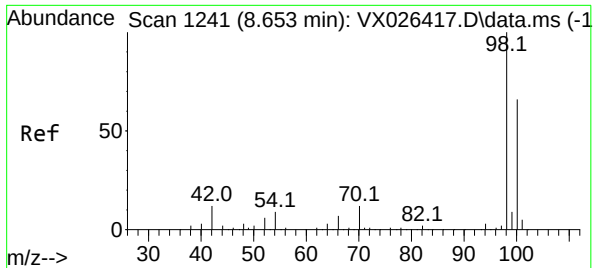
Tgt Ion: 43 Resp: 12197
Ion Ratio Lower Upper
43 100
61 18.1 15.4 23.0
87 13.4 10.2 15.2



#48
Methyl methacrylate
Concen: 1.868 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 41 Resp: 3528
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

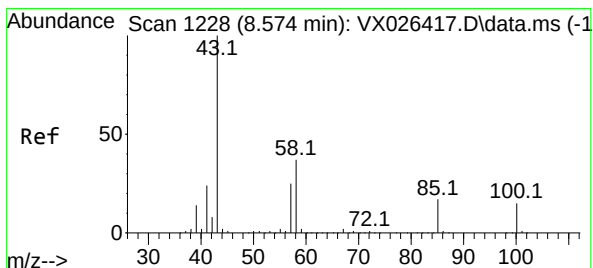
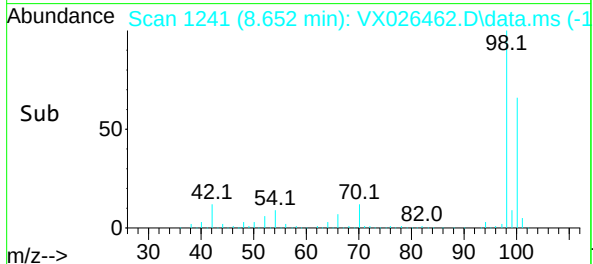
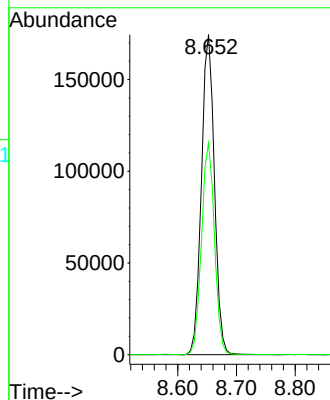
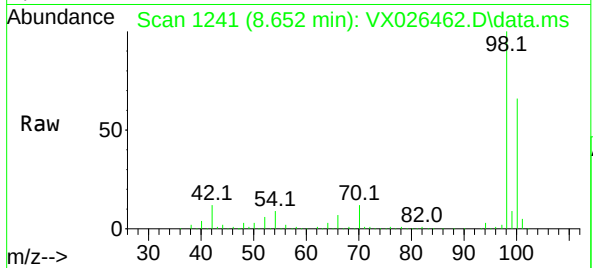




#50
Toluene-d8
Concen: 50.382 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

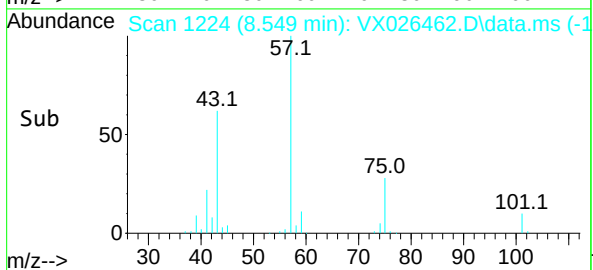
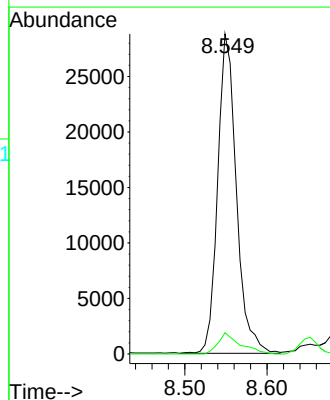
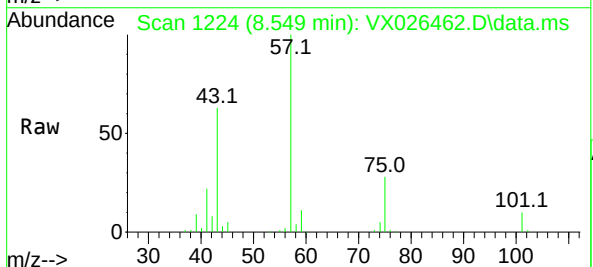
Instrument :
MSVOA_X
ClientSampleId :

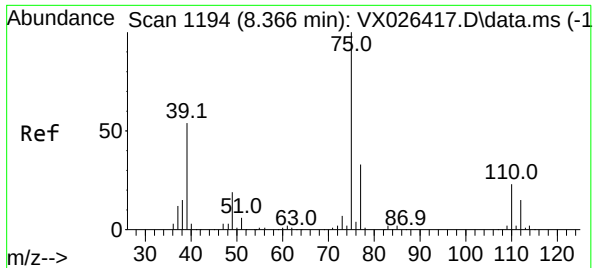
Tgt Ion: 98 Resp: 268160
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.140 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

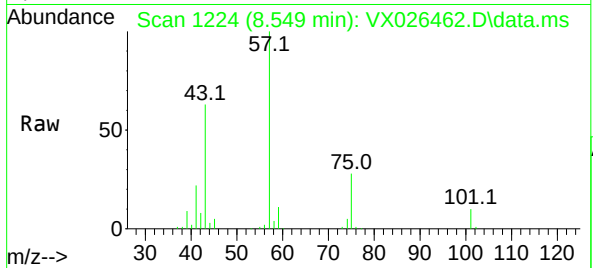
Tgt Ion: 43 Resp: 45515
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#



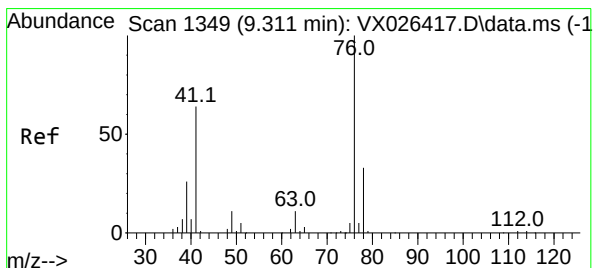
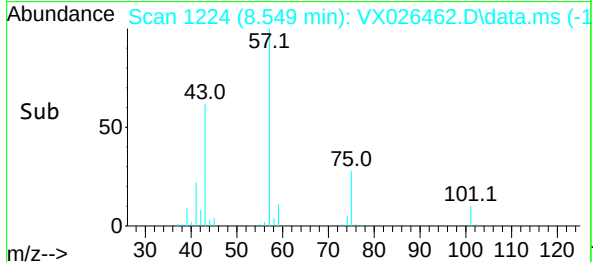
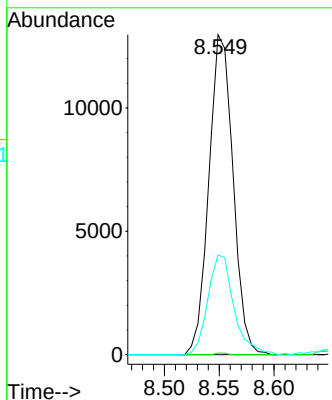


#54
 cis-1,3-Dichloropropene
 Concen: 8.084 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026462.D
 Acq: 14 Jan 2022 19:03

Instrument :
 MSVOA_X
 ClientSampleId :

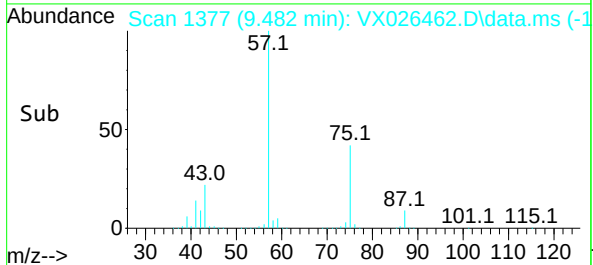
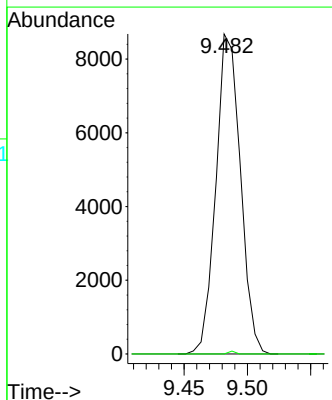
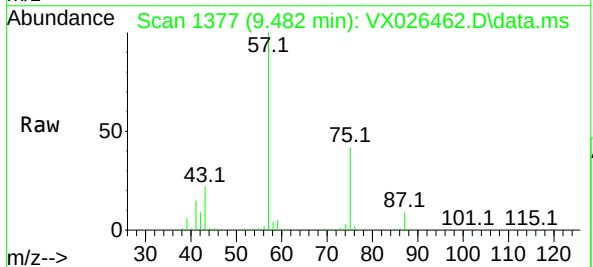


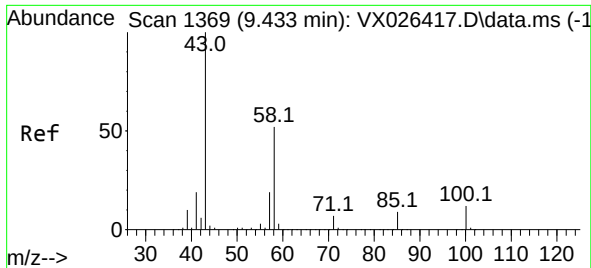
Tgt Ion: 75 Resp: 19895
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.2 39.2#
 39 31.2 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.375 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.170 min
 Lab File: VX026462.D
 Acq: 14 Jan 2022 19:03

Tgt Ion: 76 Resp: 11697
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.7 38.5#

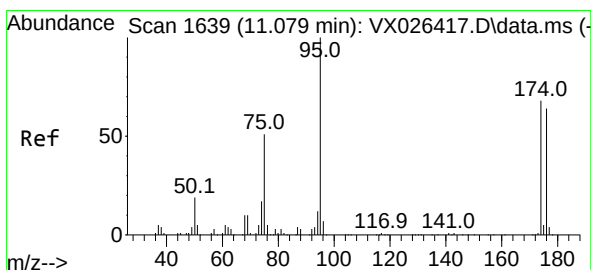
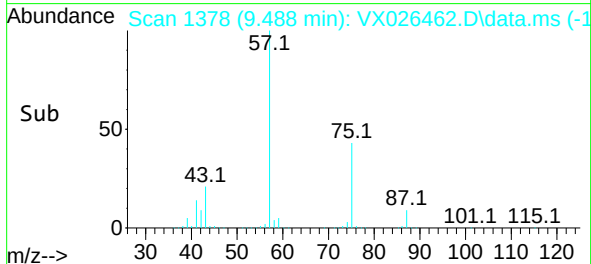
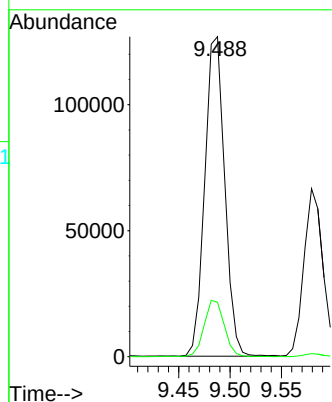
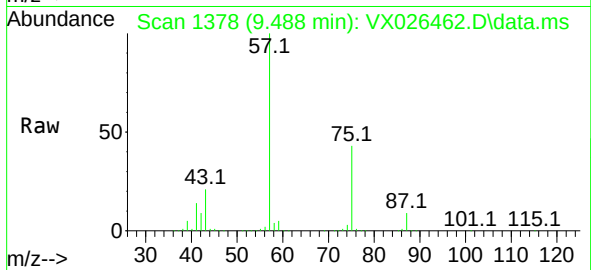




#59
2-Hexanone
Concen: 99.131 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

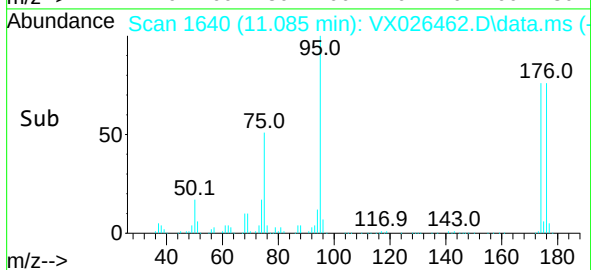
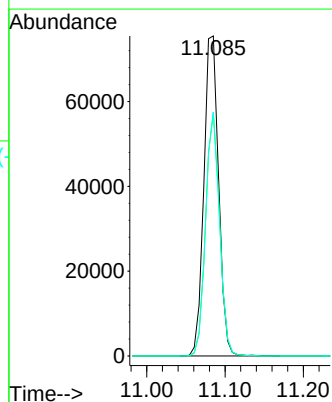
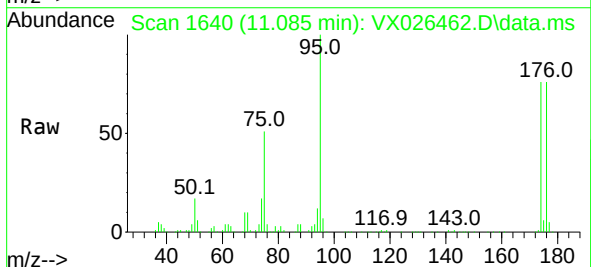
Instrument :
MSVOA_X
ClientSampleId :

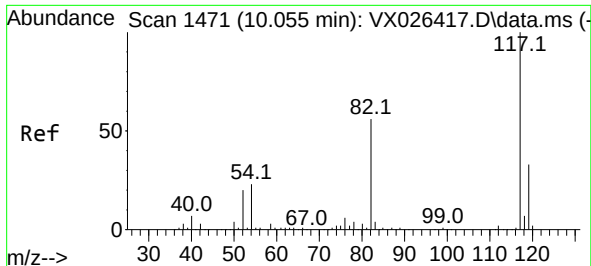
Tgt Ion: 43 Resp: 171463
Ion Ratio Lower Upper
43 100
58 17.9 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 52.212 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

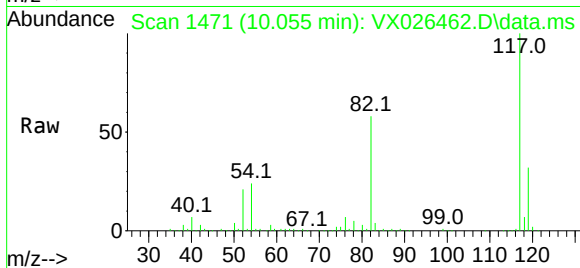
Tgt Ion: 95 Resp: 98721
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.6
176 71.4 0.0 141.4



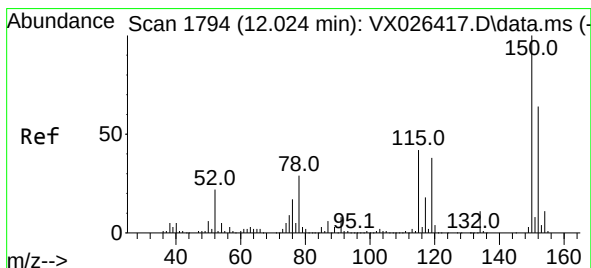
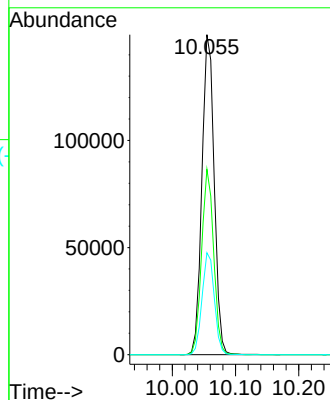
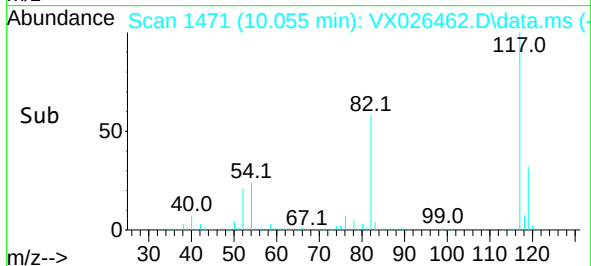


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

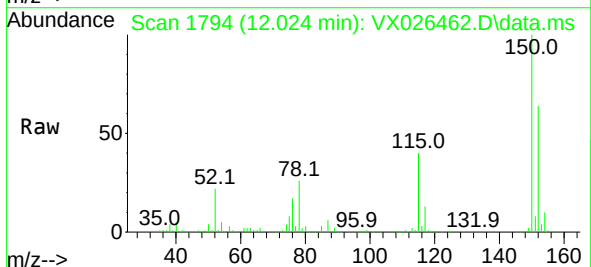
Instrument :
MSVOA_X
ClientSampleId :



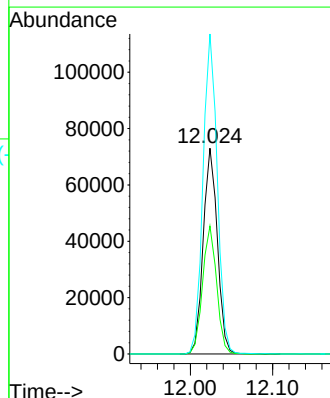
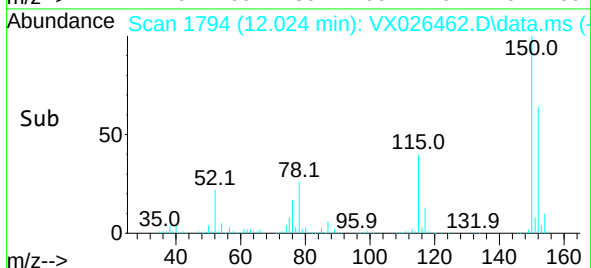
Tgt Ion:117 Resp: 202138
Ion Ratio Lower Upper
117 100
82 57.9 45.2 67.8
119 31.8 26.2 39.2

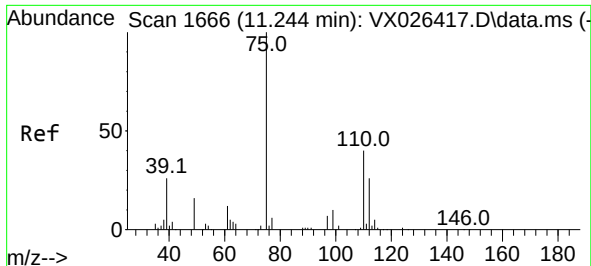


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03



Tgt Ion:152 Resp: 87186
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 156.6 0.0 348.2

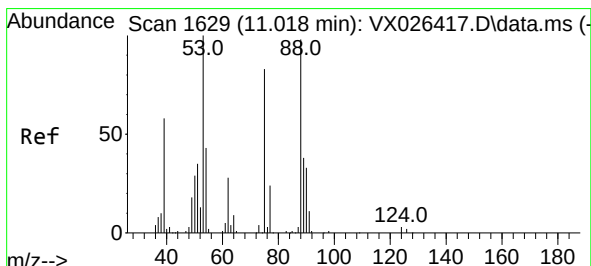
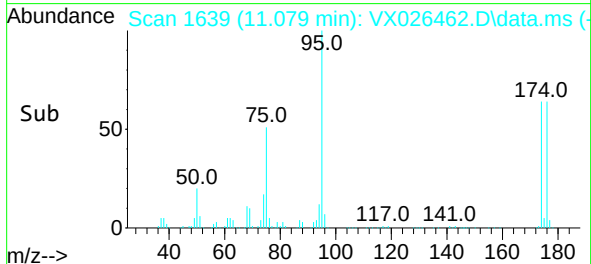
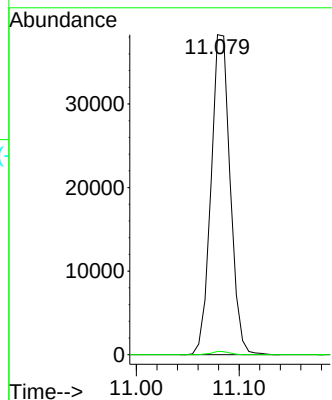
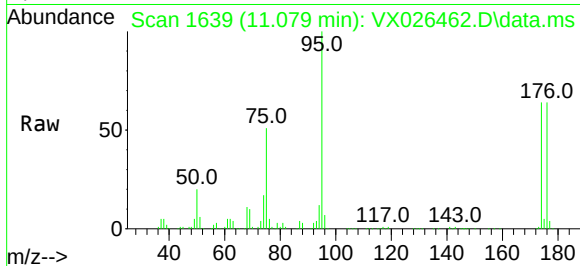




#76
1,2,3-Trichloropropane
Concen: 25.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49741
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026462.D
Acq: 14 Jan 2022 19:03

Tgt Ion: 75 Resp: 49741
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

