

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029870.D
 Acq On : 29 Jun 2022 18:27
 Operator : JC/MD
 Sample : N3485-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220622

Quant Time: Jun 29 23:01:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

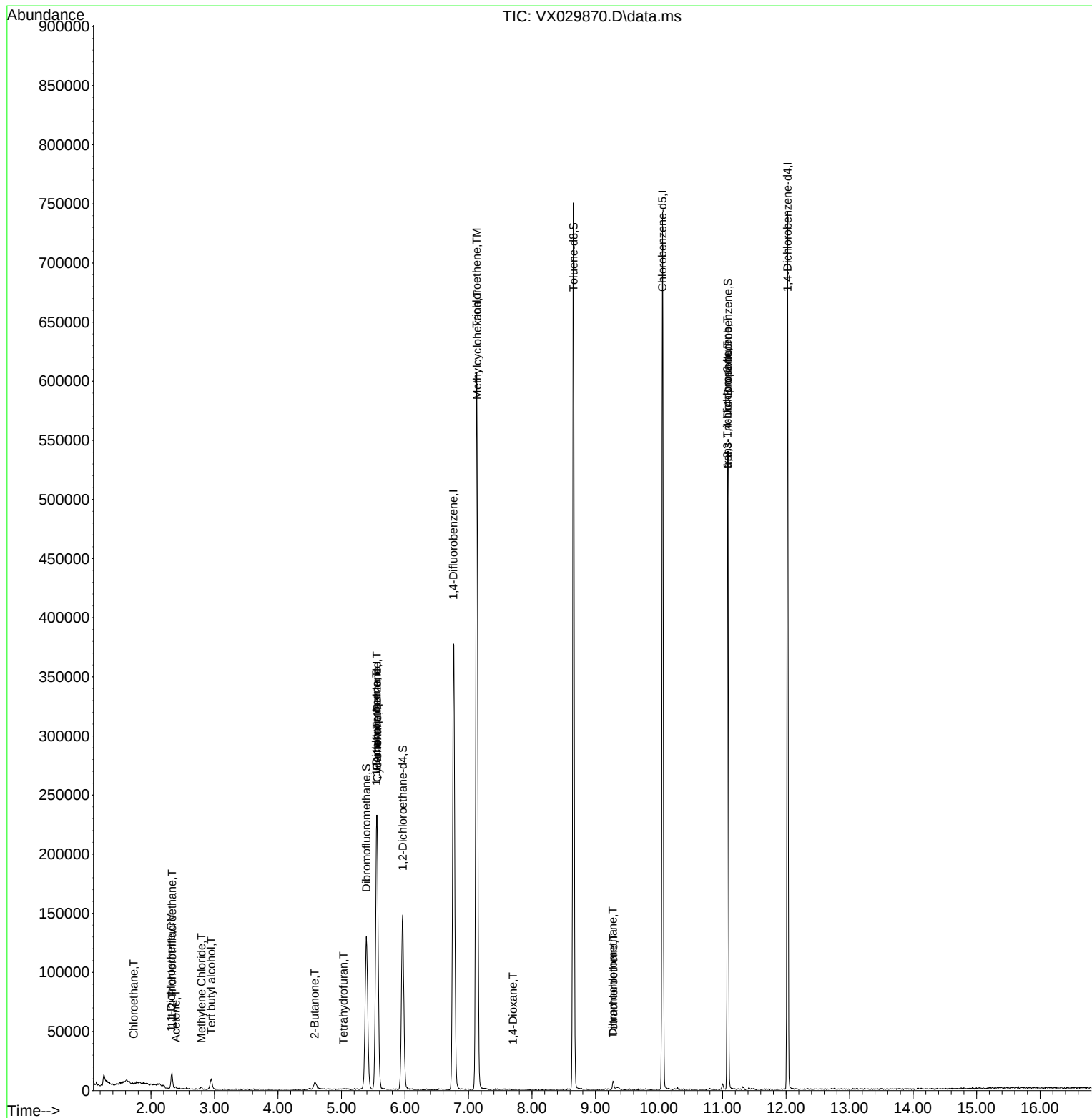
Internal Standards						
1) Pentafluorobenzene	5.556	168	228060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	128963	44.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.340%		
35) Dibromofluoromethane	5.391	113	114864	45.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.340%		
50) Toluene-d8	8.653	98	455083	48.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.460%		
62) 4-Bromofluorobenzene	11.085	95	150890	45.243	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.480%		
Target Compounds					Qvalue	
6) Chloroethane	1.727	64	496	1.295	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	2.331	101	3937	1.721	ug/l	97
11) Tert butyl alcohol	2.947	59	5249	6.952	ug/l #	77
12) 1,1-Dichloroethene	2.319	96	1413	0.602	ug/l #	77
13) Acrolein	2.264	56	22	Below Cal	#	14
16) Acetone	2.392	43	1944	1.376	ug/l #	71
20) Methylene Chloride	2.794	84	793	0.266	ug/l	86
25) 2-Butanone	4.574	43	932	0.380	ug/l #	48
29) Tetrahydrofuran	5.032	42	581	0.360	ug/l #	62
31) Cyclohexane	5.562	56	4998	1.242	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17558	5.249	ug/l #	47
38) Carbon Tetrachloride	5.556	117	21695	7.485	ug/l #	17
39) Methylcyclohexane	7.135	83	2813	0.696	ug/l #	1
44) Trichloroethene	7.129	130	235861	80.972	ug/l	99
49) 1,4-Dioxane	7.702	88	63	0.815	ug/l #	24
60) Dibromochloromethane	9.275	129	567	0.226	ug/l #	11
64) Tetrachloroethene	9.281	164	644	0.312	ug/l #	70
76) 1,2,3-Trichloropropane	11.079	75	69986	19.953	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69986	63.367	ug/l #	13

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

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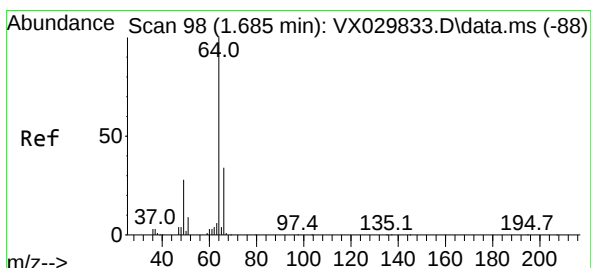
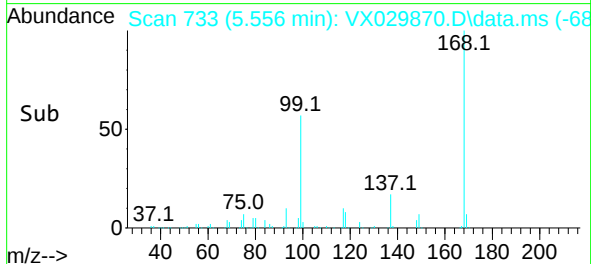
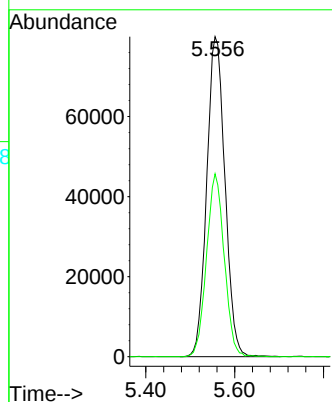
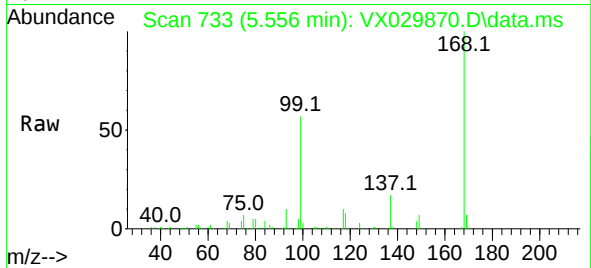




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

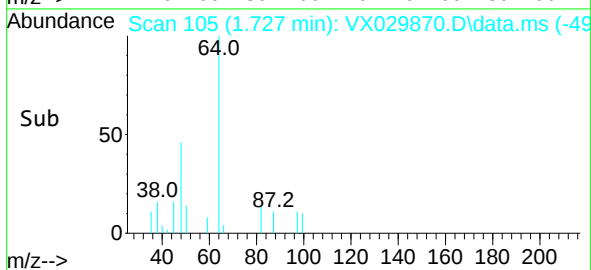
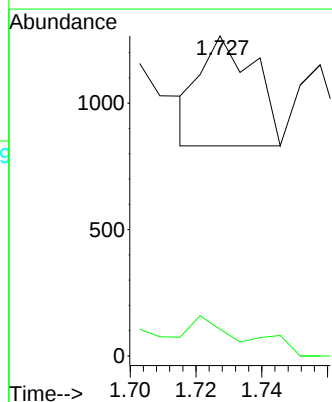
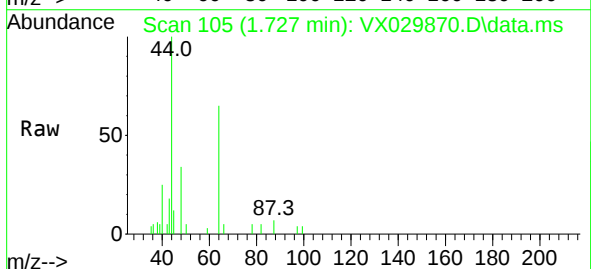
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220622

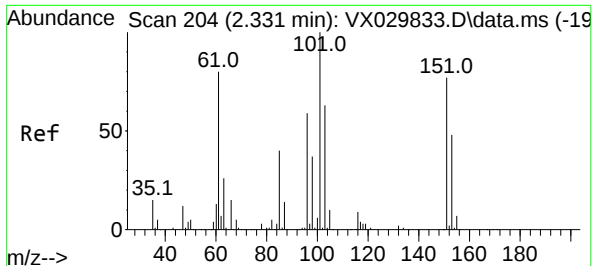
Tgt Ion:168 Resp: 228060
Ion Ratio Lower Upper
168 100
99 57.2 44.0 66.0



#6
Chloroethane
Concen: 1.295 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.042 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Tgt Ion: 64 Resp: 496
Ion Ratio Lower Upper
64 100
66 7.4 27.2 40.8#

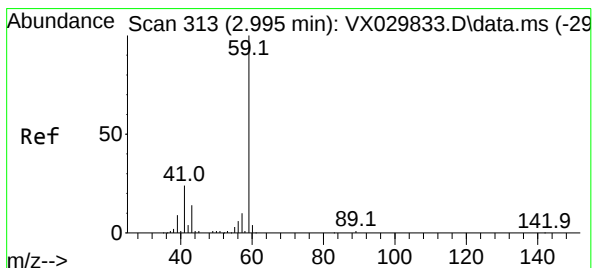
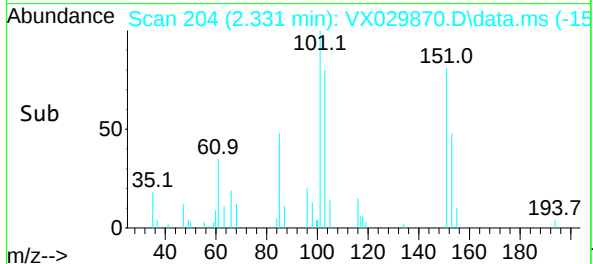
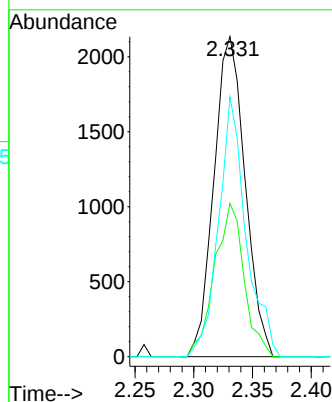
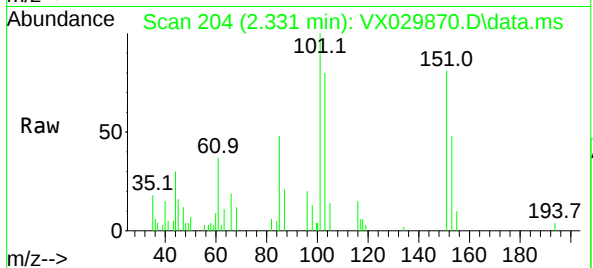




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.721 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

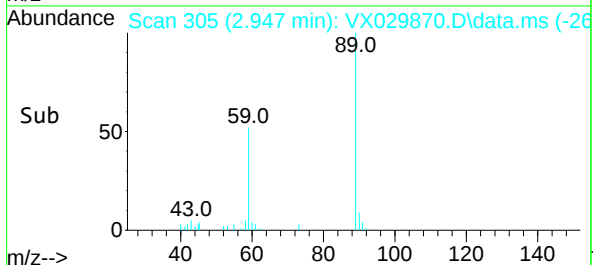
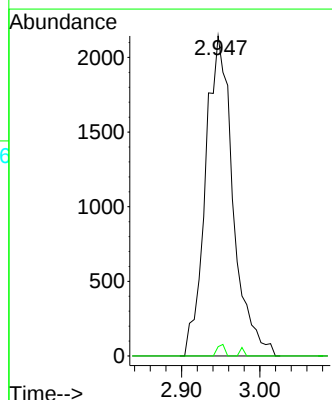
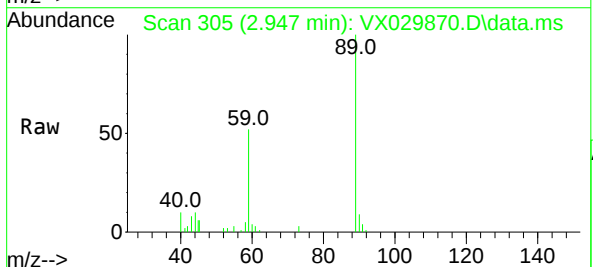
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220622

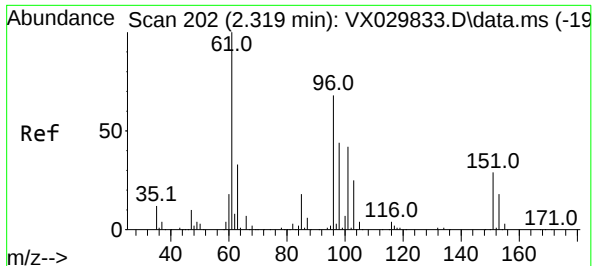
Tgt Ion:	101	Resp:	3937
Ion	Ratio	Lower	Upper
101	100		
85	45.3	34.0	51.0
151	71.8	59.4	89.0



#11
Tert butyl alcohol
Concen: 6.952 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

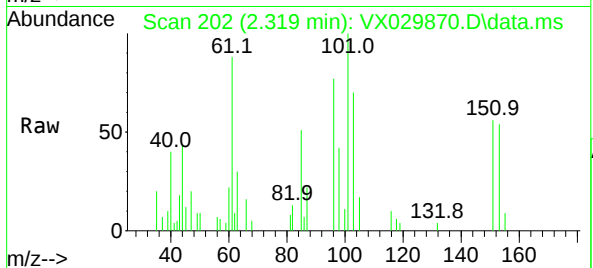
Tgt Ion:	59	Resp:	5249
Ion	Ratio	Lower	Upper
59	100		
57	1.0	7.4	11.2#



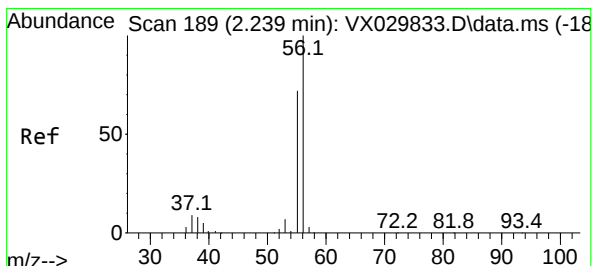
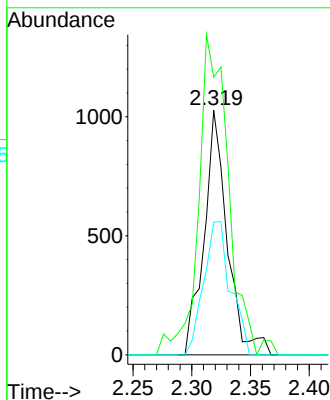
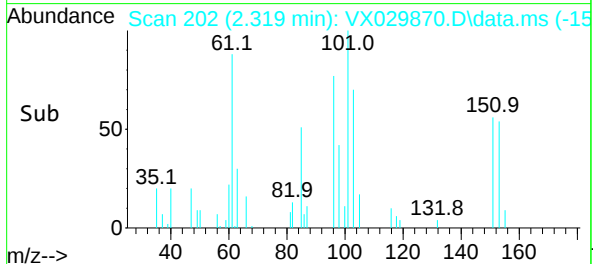


#12
1,1-Dichloroethene
Concen: 0.602 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

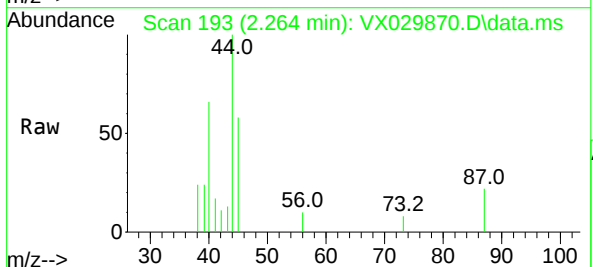
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220622



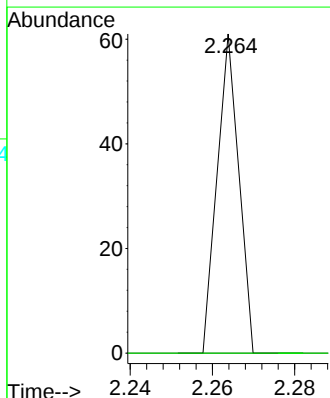
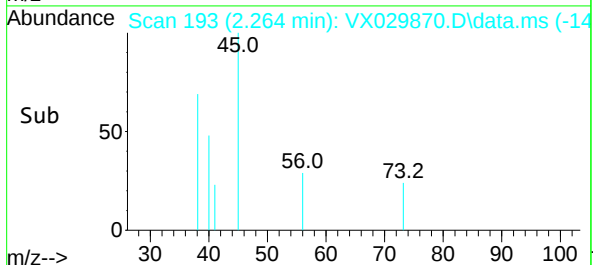
Tgt Ion: 96 Resp: 1413
Ion Ratio Lower Upper
96 100
61 113.6 117.4 176.0#
98 54.2 52.2 78.4

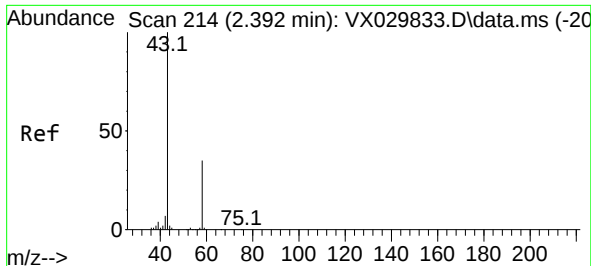


#13
Acrolein
Concen: Below Cal
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27



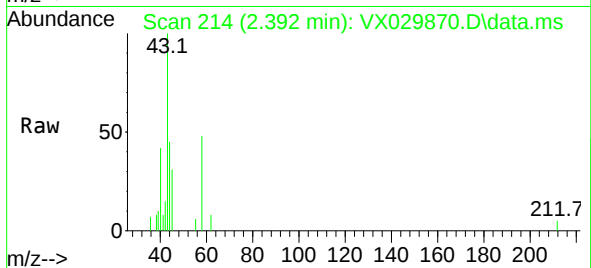
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



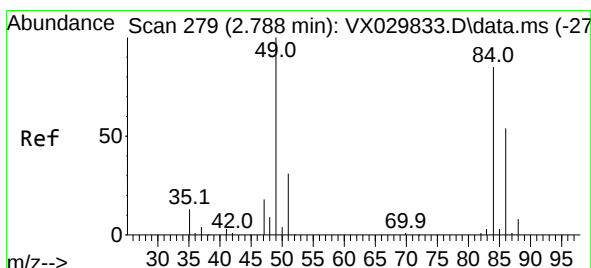
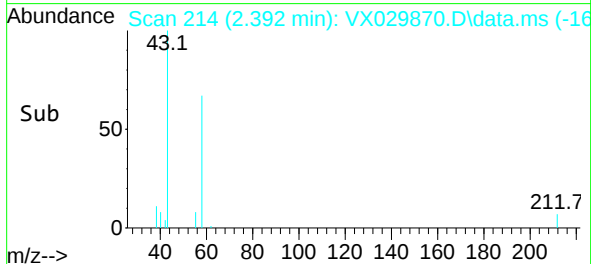
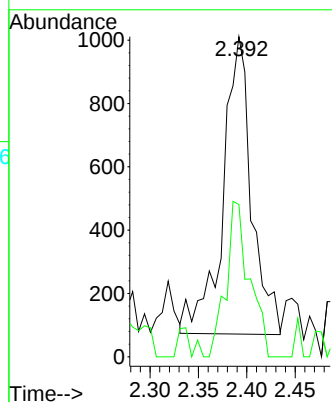


#16
Acetone
Concen: 1.376 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220622

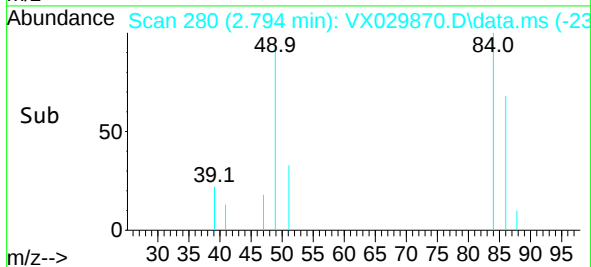
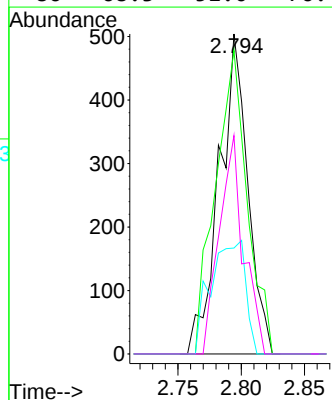
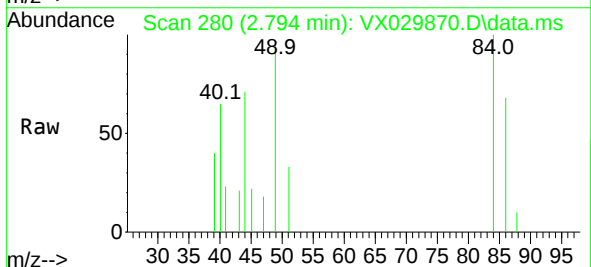


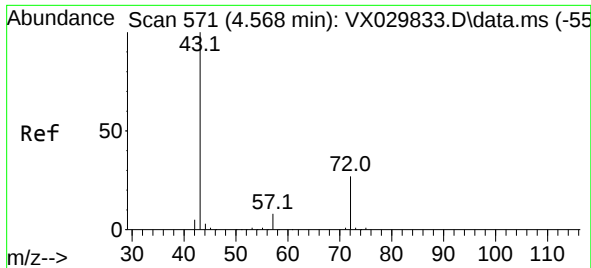
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 51.6 27.7 41.5#



#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Tgt Ion: 84 Resp: 793
Ion Ratio Lower Upper
84 100
49 94.8 93.8 140.6
51 33.1 29.4 44.0
86 68.3 51.0 76.4

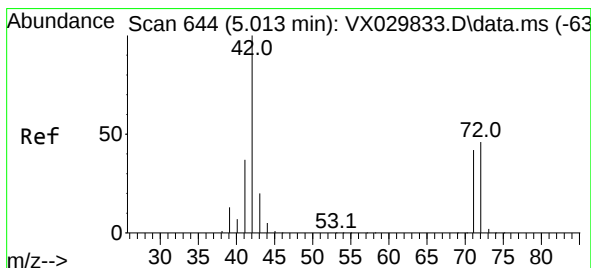
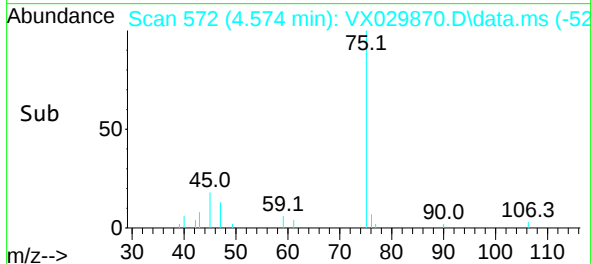
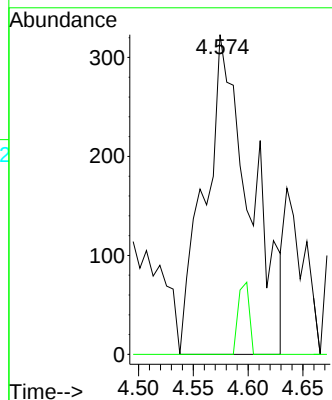
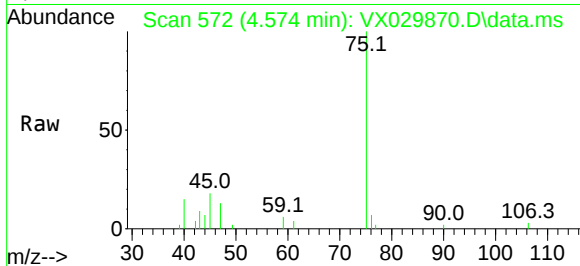




#25
2-Butanone
Concen: 0.380 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

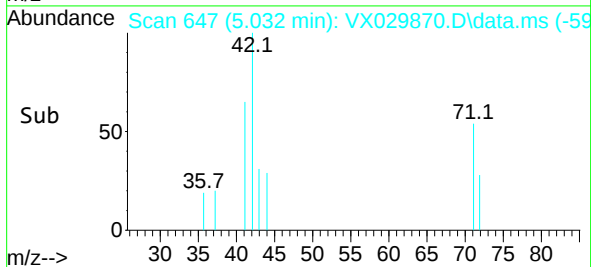
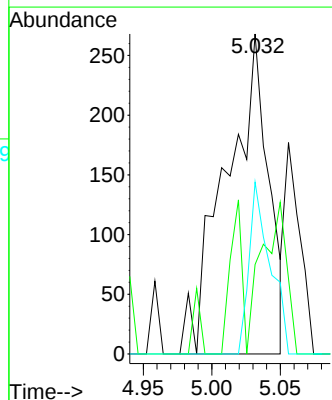
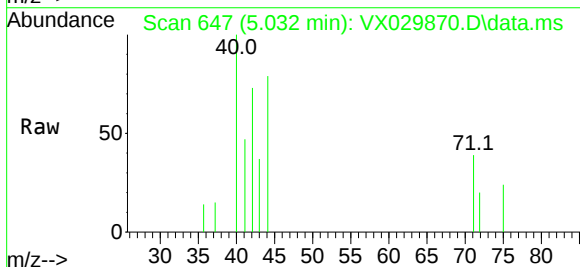
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ClientSampleId :
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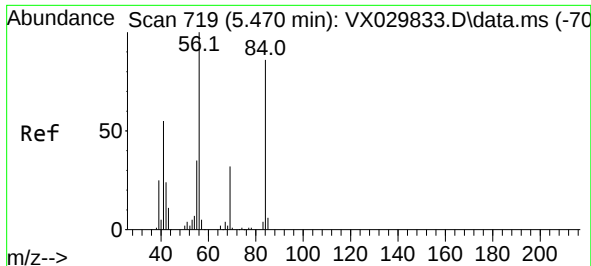
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.360 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Tgt Ion: 42 Resp: 581
Ion Ratio Lower Upper
42 100
72 13.1 36.5 54.7#
71 26.5 33.9 50.9#

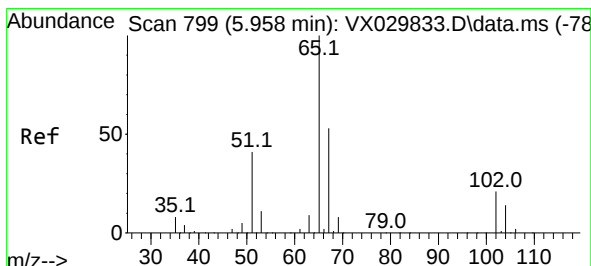
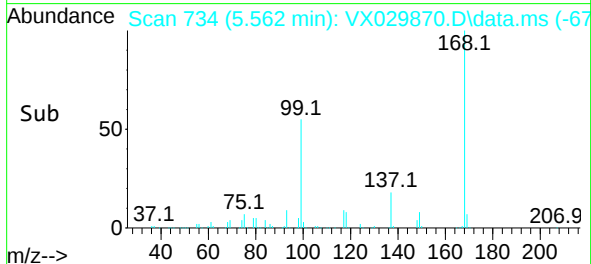
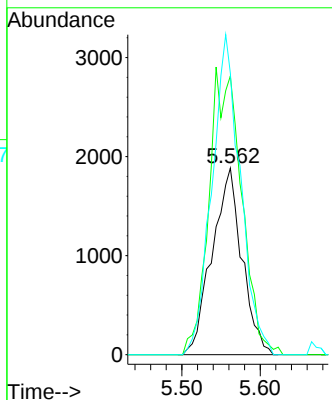
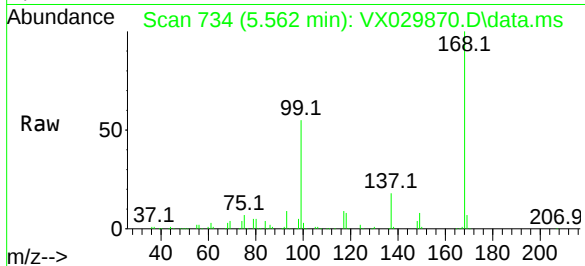




#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

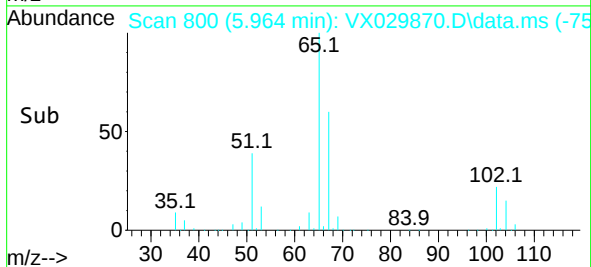
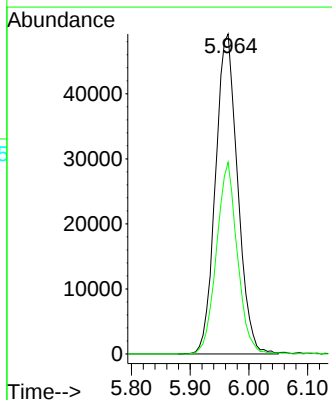
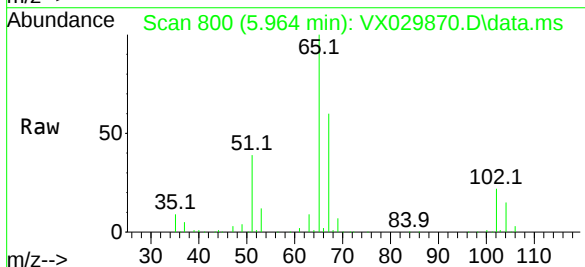
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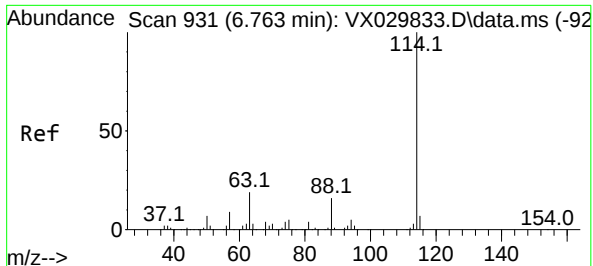
Tgt Ion: 56 Resp: 4998
Ion Ratio Lower Upper
56 100
69 149.4 25.4 38.0#
84 150.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 44.673 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Tgt Ion: 65 Resp: 128963
Ion Ratio Lower Upper
65 100
67 56.4 0.0 109.6

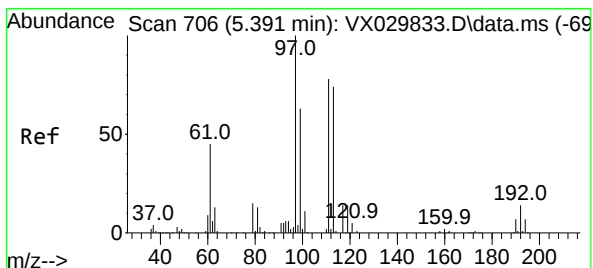
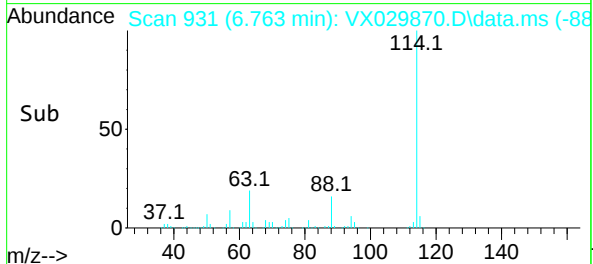
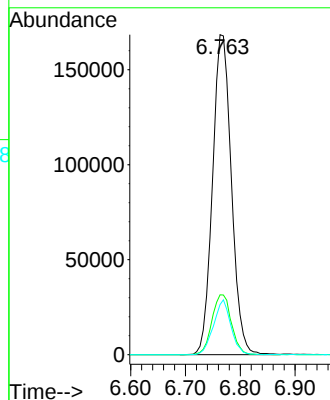
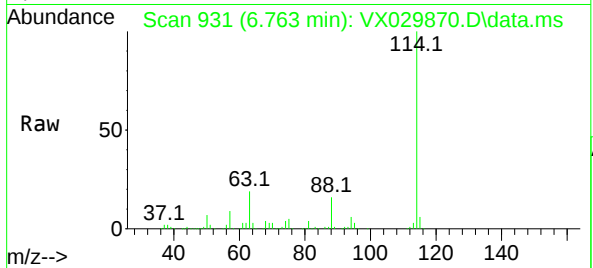




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

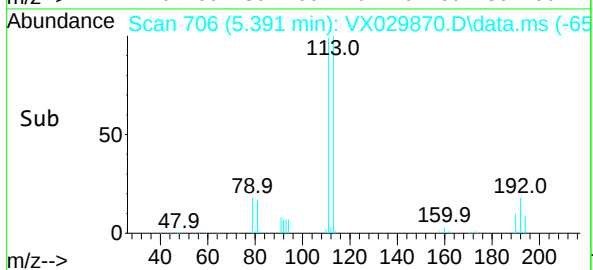
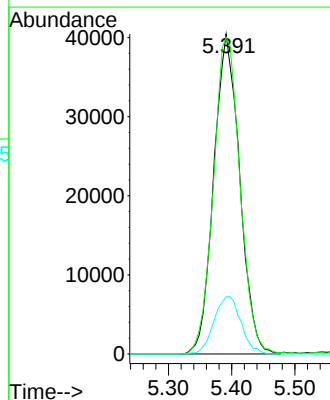
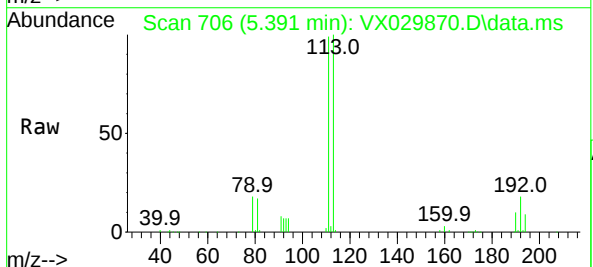
Instrument :
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TT101D2-20220622

Tgt Ion:114 Resp: 402430
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.672 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Tgt Ion:113 Resp: 114864
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 18.6 14.8 22.2

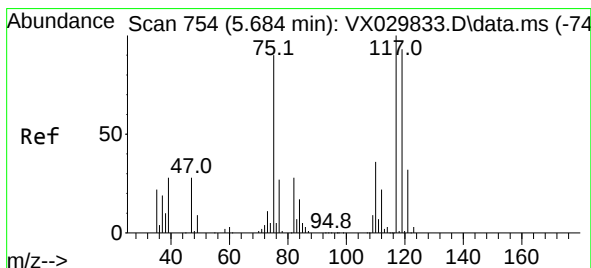
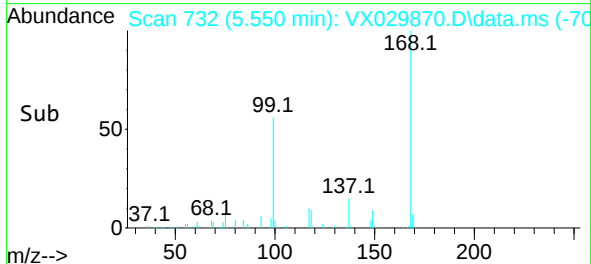
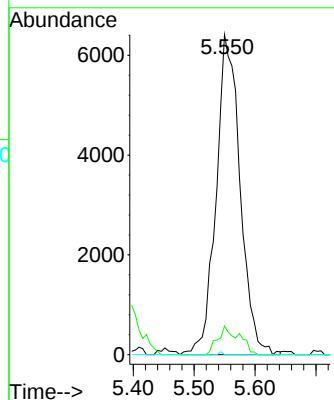
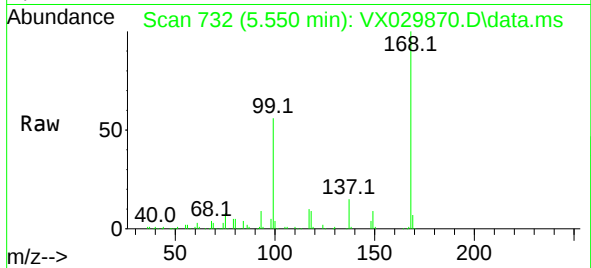




#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

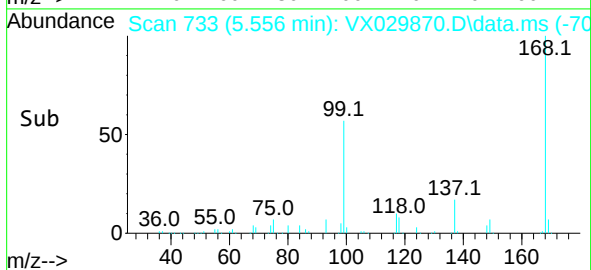
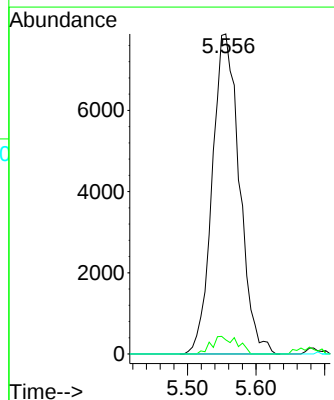
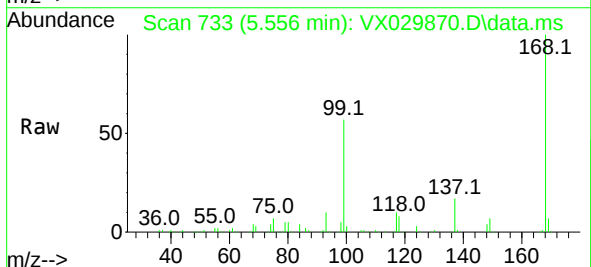
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220622

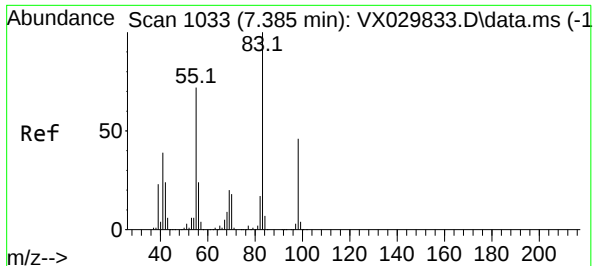
Tgt Ion: 75 Resp: 17558
Ion Ratio Lower Upper
75 100
110 8.0 19.3 57.9#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.485 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Tgt Ion: 117 Resp: 21695
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.696 ug/l

RT: 7.135 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX029870.D

Acq: 29 Jun 2022 18:27

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20220622

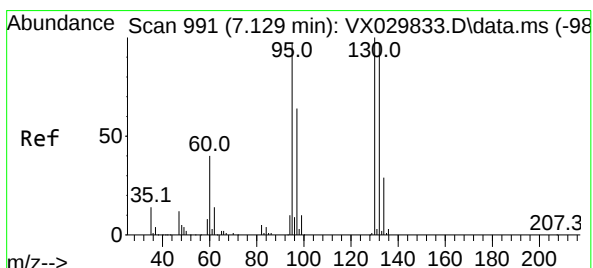
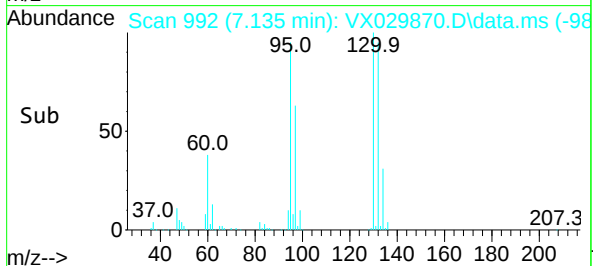
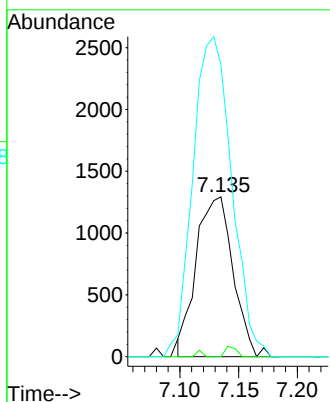
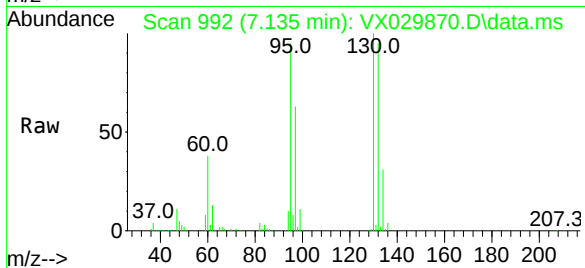
Tgt Ion: 83 Resp: 2813

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 182.7 36.5 54.7#



#44

Trichloroethene

Concen: 80.972 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX029870.D

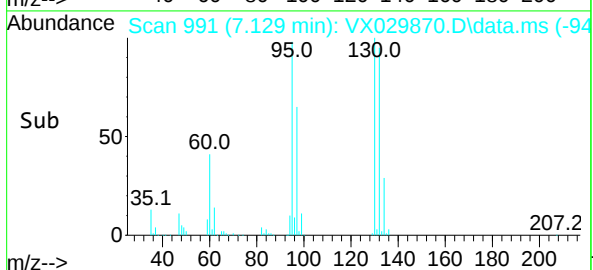
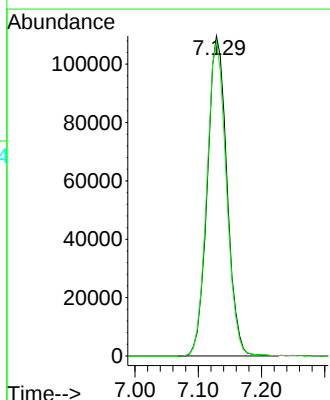
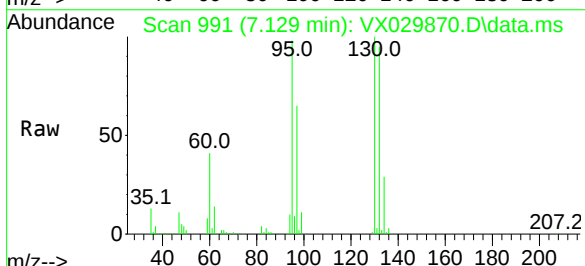
Acq: 29 Jun 2022 18:27

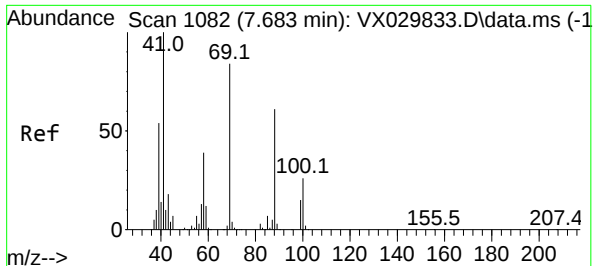
Tgt Ion:130 Resp: 235861

Ion Ratio Lower Upper

130 100

95 98.2 0.0 194.8





#49

1,4-Dioxane

Concen: 0.815 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.018 min

Lab File: VX029870.D

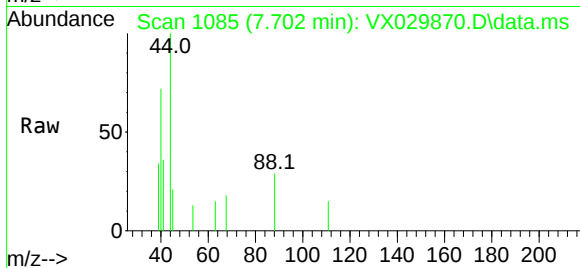
Acq: 29 Jun 2022 18:27

Instrument :

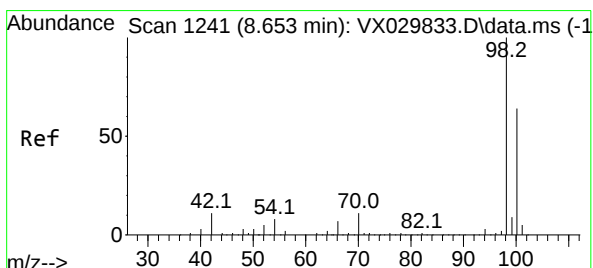
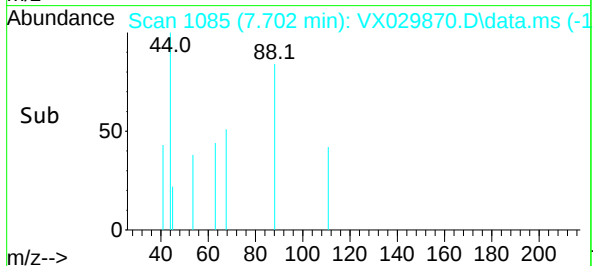
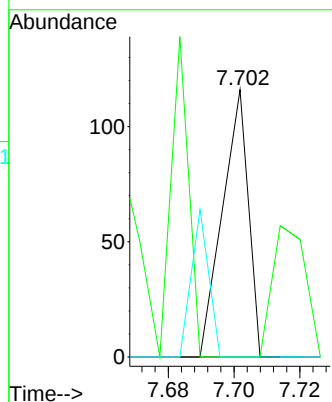
MSVOA_X

ClientSampleId :

TT101D2-20220622



Tgt Ion:	88	Resp:	63
Ion	Ratio	Lower	Upper
88	100		
43	61.9	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 48.234 ug/l

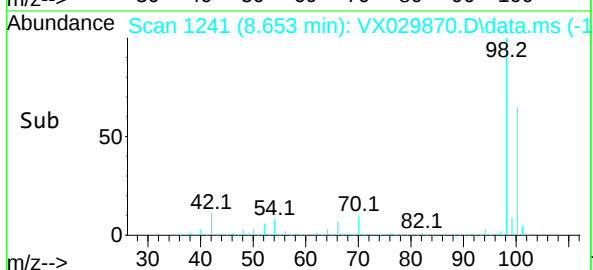
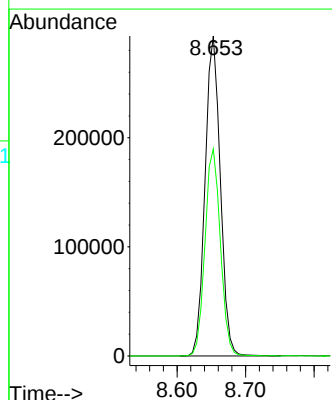
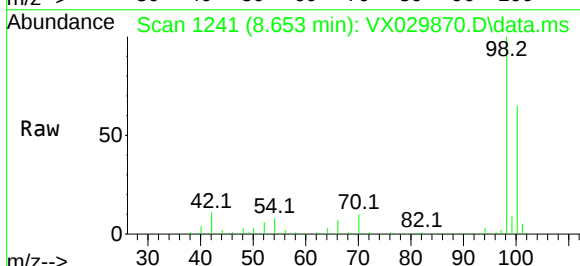
RT: 8.653 min Scan# 1241

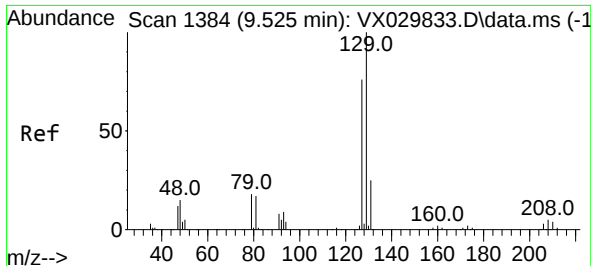
Delta R.T. 0.000 min

Lab File: VX029870.D

Acq: 29 Jun 2022 18:27

Tgt Ion:	98	Resp:	455083
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5

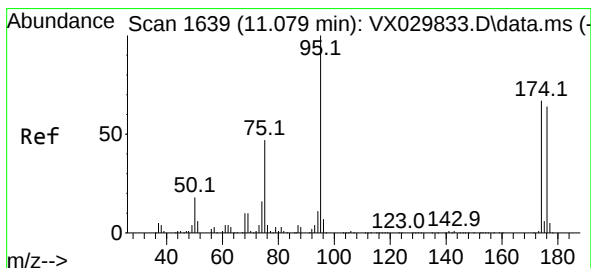
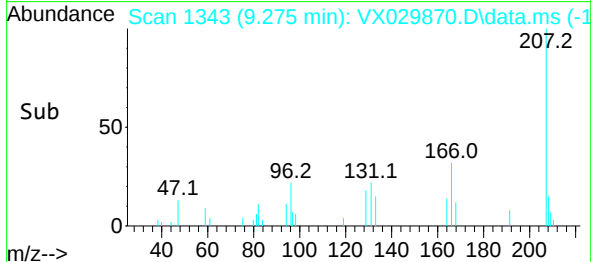
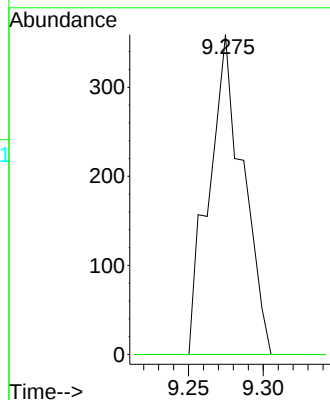
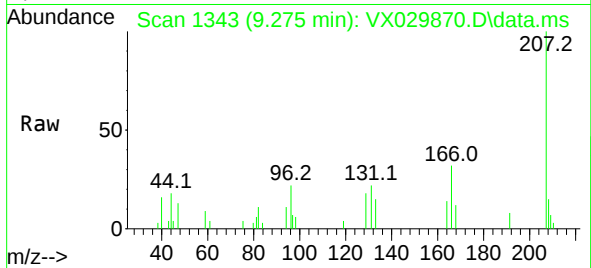




#60
Dibromochloromethane
Concen: 0.226 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

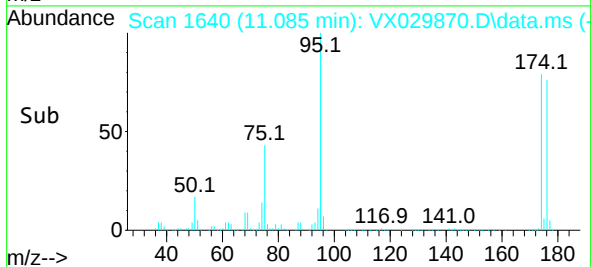
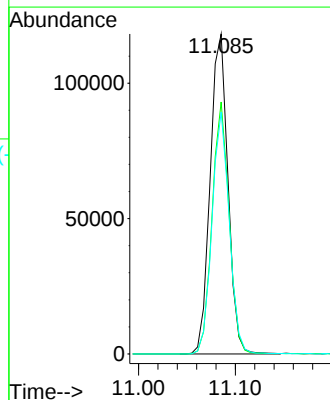
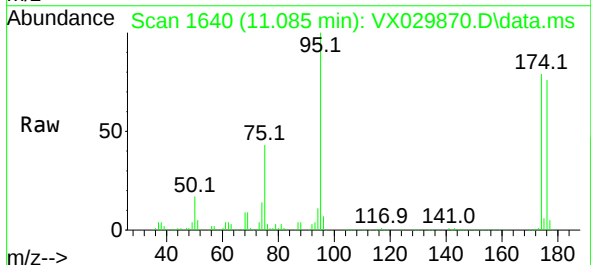
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220622

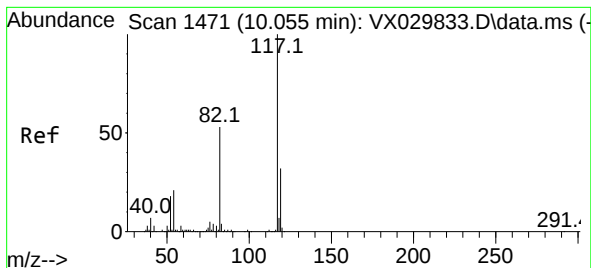
Tgt Ion:129 Resp: 567
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 45.243 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

Tgt Ion: 95 Resp: 150890
Ion Ratio Lower Upper
95 100
174 75.4 0.0 149.0
176 73.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029870.D

Acq: 29 Jun 2022 18:27

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20220622

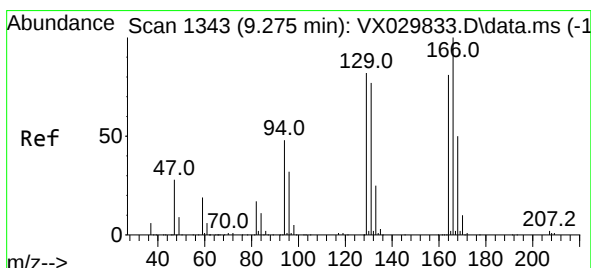
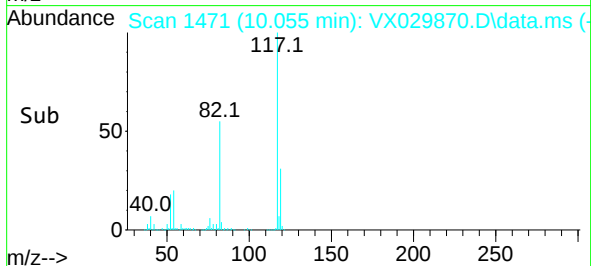
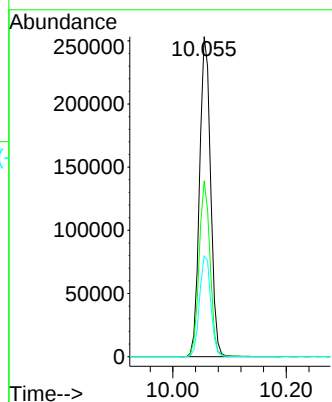
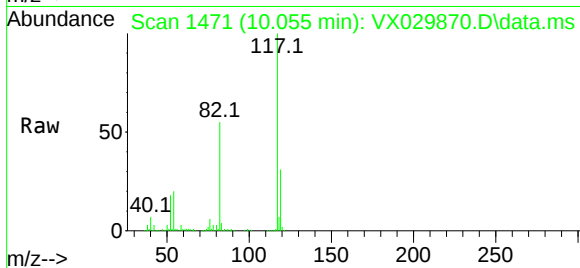
Tgt Ion:117 Resp: 342511

Ion Ratio Lower Upper

117 100

82 55.0 42.7 64.1

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 0.312 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX029870.D

Acq: 29 Jun 2022 18:27

Tgt Ion:164 Resp: 644

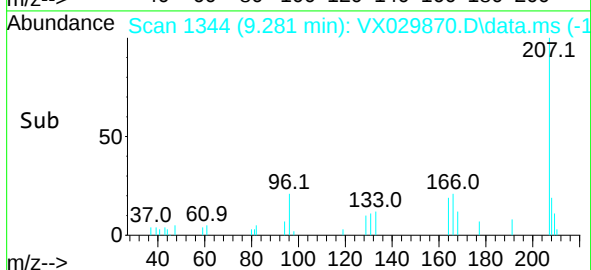
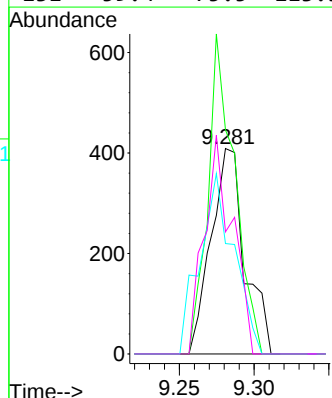
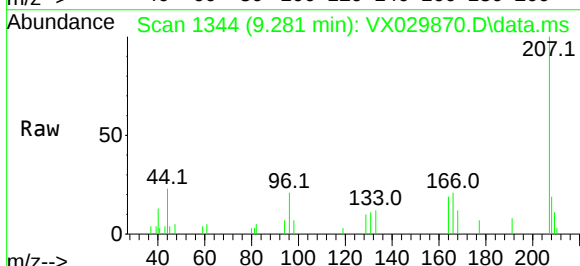
Ion Ratio Lower Upper

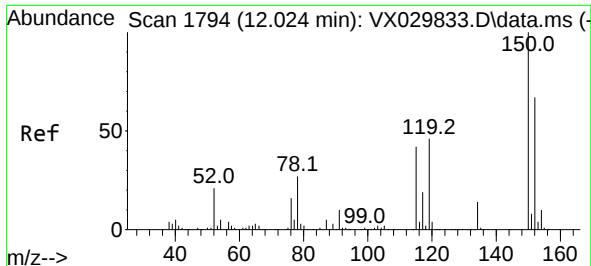
164 100

166 109.0 98.2 147.4

129 53.8 80.8 121.2#

131 59.4 75.5 113.3#

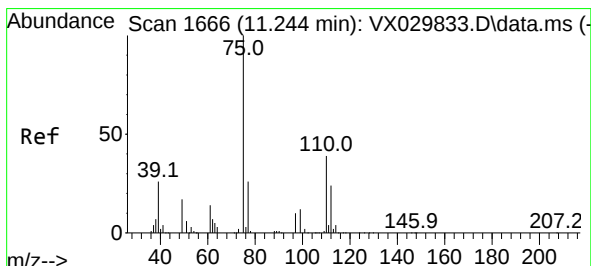
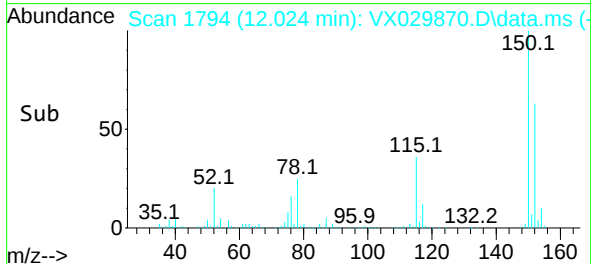
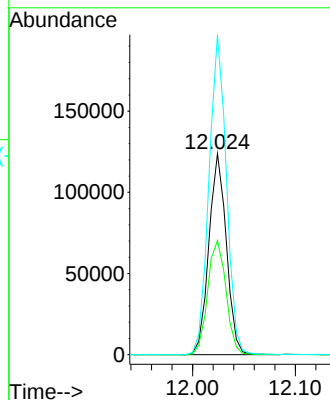
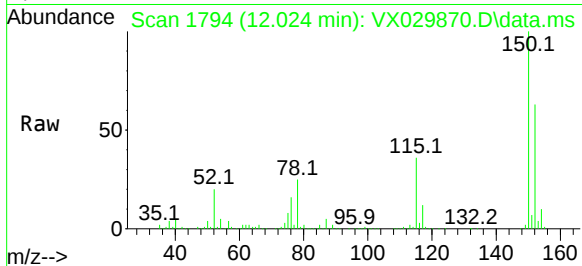




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

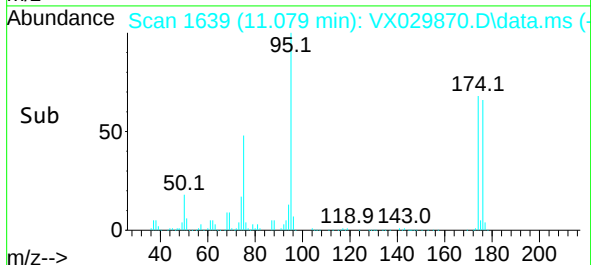
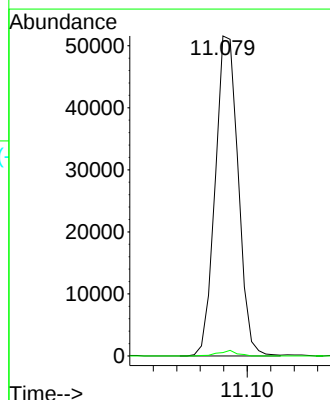
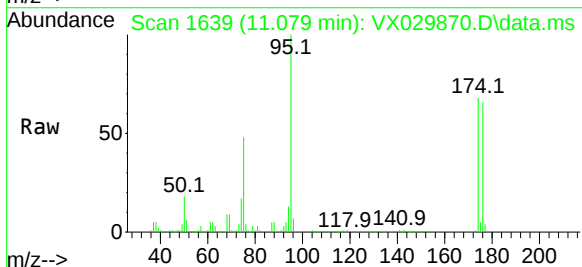
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220622

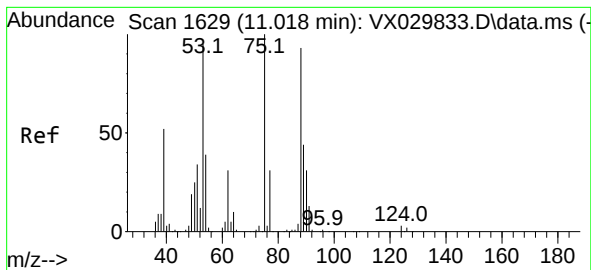
Tgt Ion:152 Resp: 146521
Ion Ratio Lower Upper
152 100
115 59.5 40.5 121.5
150 158.3 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 19.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029870.D
Acq: 29 Jun 2022 18:27

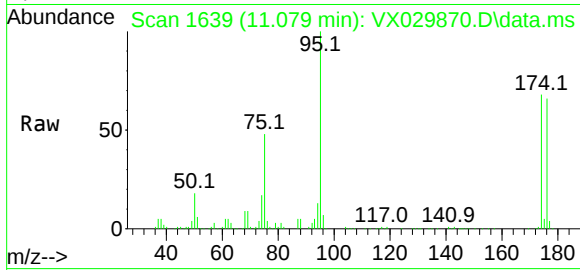
Tgt Ion: 75 Resp: 69986
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.367 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029870.D
 Acq: 29 Jun 2022 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220622



Tgt Ion: 75 Resp: 69986
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

