

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027857.D
 Acq On : 31 Mar 2022 18:51
 Operator : JC/MD
 Sample : N2074-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20220318

Quant Time: Apr 01 04:10:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73591	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62216	65.523	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 131.040%	
35) Dibromofluoromethane	5.391	113	45056	53.519	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.040%	
50) Toluene-d8	8.653	98	155555	52.515	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	11.085	95	61493	48.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	369	0.553	ug/l	93
7) Trichlorofluoromethane	1.892	101	508	0.479	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	26444	38.376	ug/l	96
12) 1,1-Dichloroethene	2.319	96	14773	23.366	ug/l	90
24) 1,1-Dichloroethane	3.617	63	2705	2.067	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	2301	2.781	ug/l	92
30) Chloroform	5.086	83	1230m	0.845	ug/l	
32) 1,1,1-Trichloroethane	5.391	97	2464	1.958	ug/l	99
38) Carbon Tetrachloride	5.690	117	2291	1.956	ug/l	92
44) Trichloroethene	7.129	130	296024	338.987	ug/l	86
49) 1,4-Dioxane	7.677	88	388	17.801	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	772	0.860	ug/l #	86
64) Tetrachloroethene	9.281	164	259	0.311	ug/l #	73

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

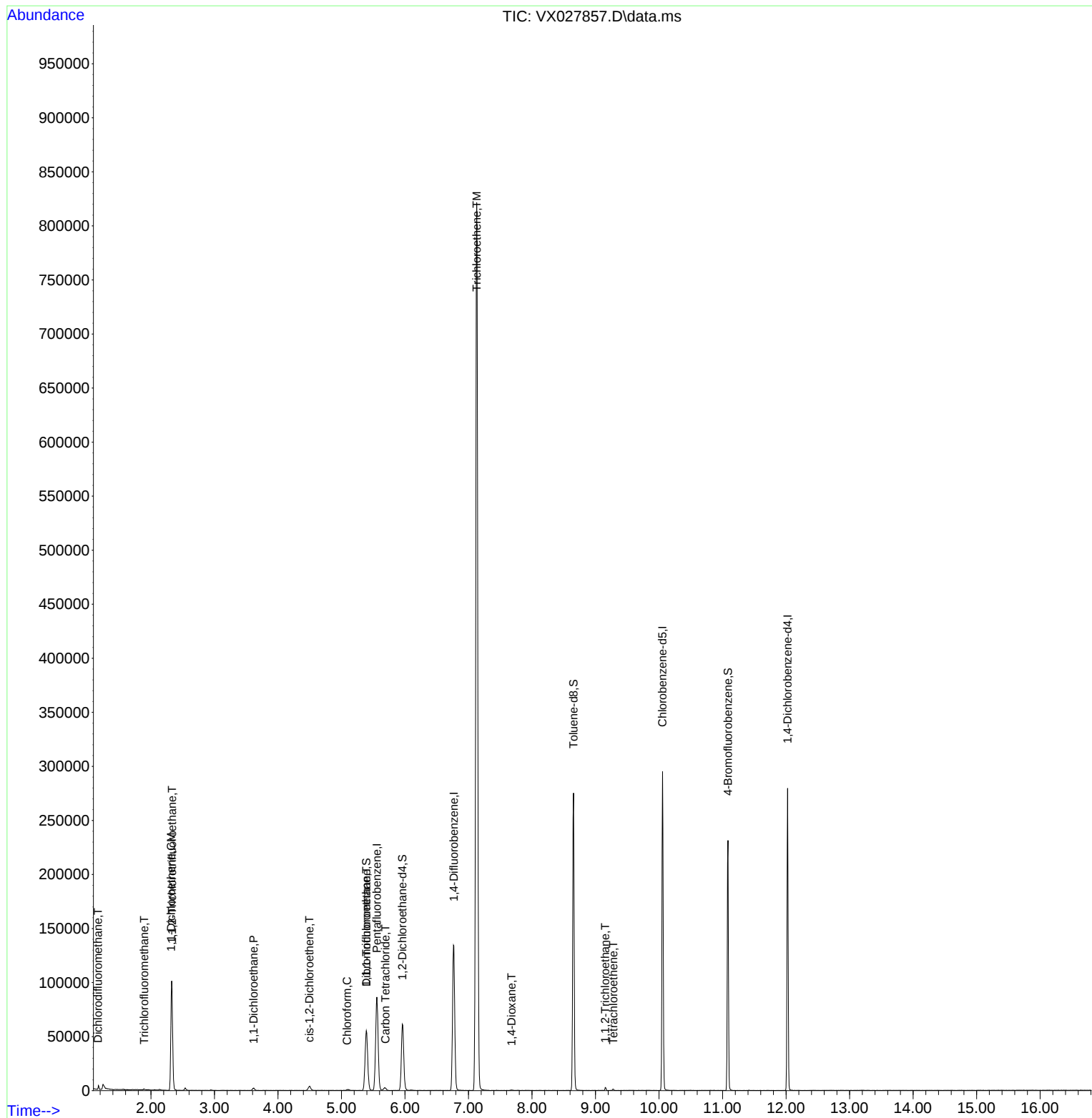
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
Data File : VX027857.D
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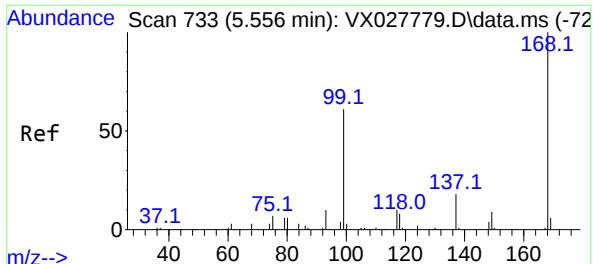
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318

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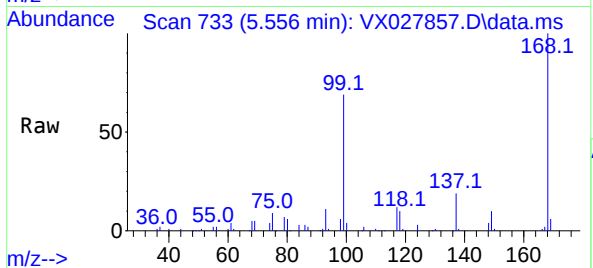
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

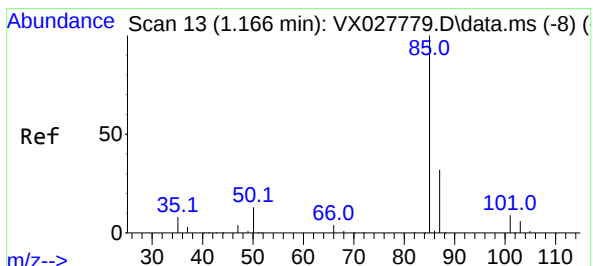
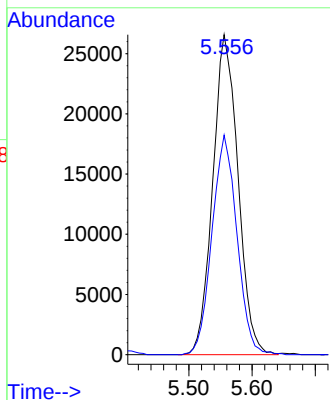
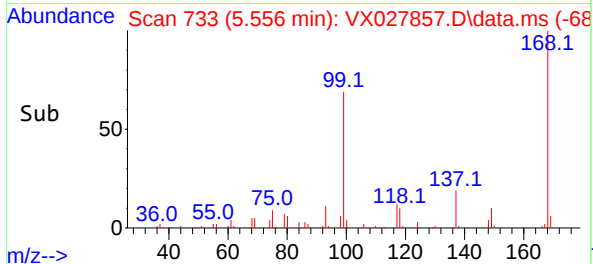
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318



Tgt Ion:168 Resp: 7359
Ion Ratio Lower Upper
168 100
99 68.6 41.7 62.5

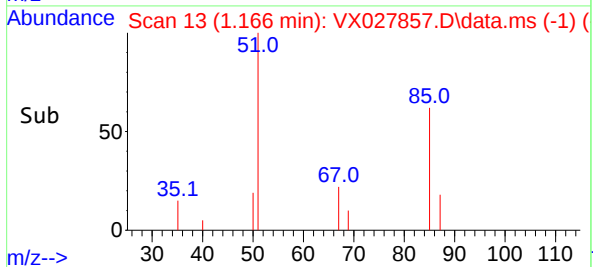
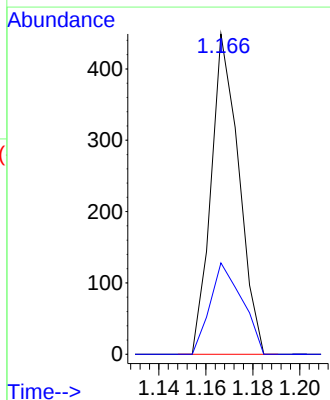
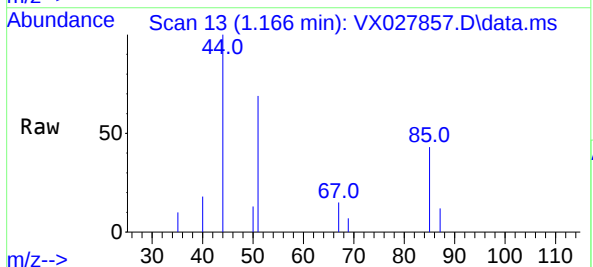
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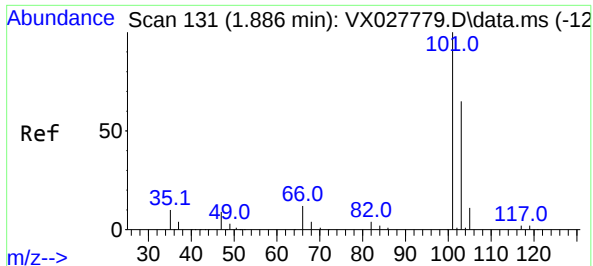
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#2
Dichlorodifluoromethane
Concen: 0.553 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

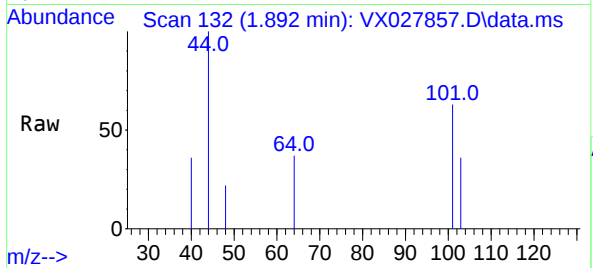
Tgt Ion: 85 Resp: 369
Ion Ratio Lower Upper
85 100
87 28.5 16.2 48.6





#7
 Trichlorofluoromethane
 Concen: 0.479 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX027857.D
 Acq: 31 Mar 2022 18:51

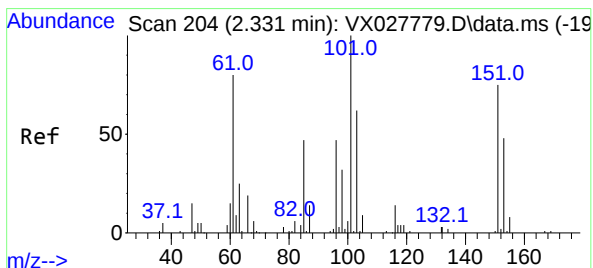
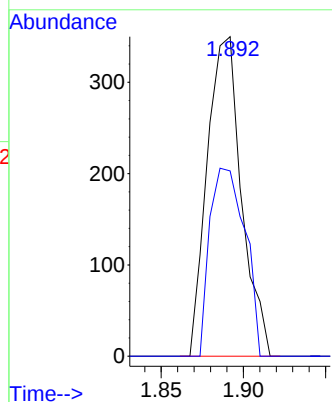
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20220318



Tgt Ion:101 Resp: 508
 Ion Ratio Lower Upper
 101 100
 103 58.0 50.5 75.7

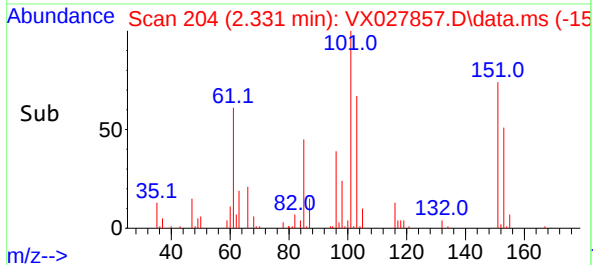
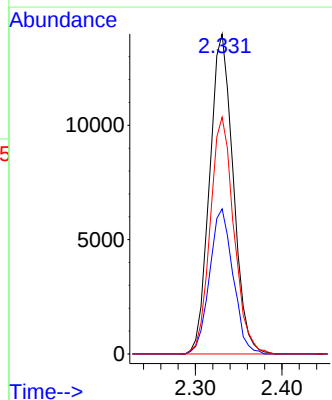
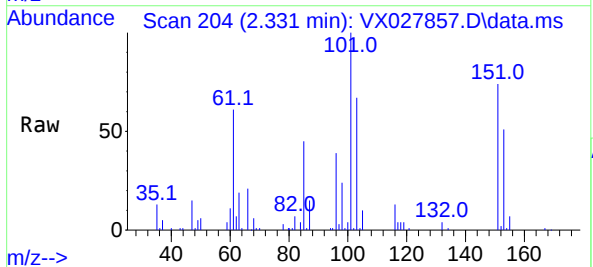
Manual Integrations
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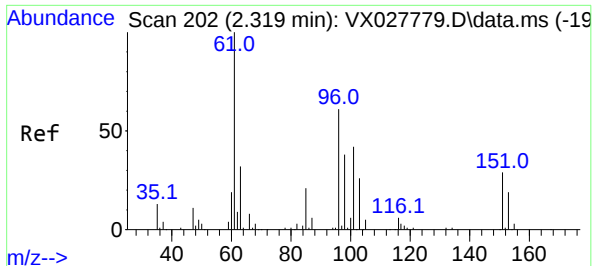
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 38.376 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX027857.D
 Acq: 31 Mar 2022 18:51

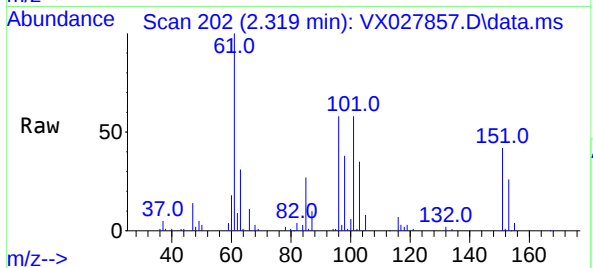
Tgt Ion:101 Resp: 26444
 Ion Ratio Lower Upper
 101 100
 85 45.2 33.5 50.3
 151 74.5 61.8 92.6





#12
1,1-Dichloroethene
Concen: 23.366 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

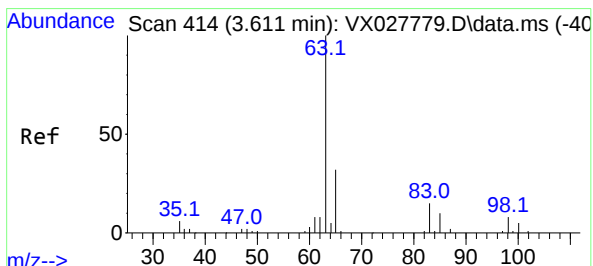
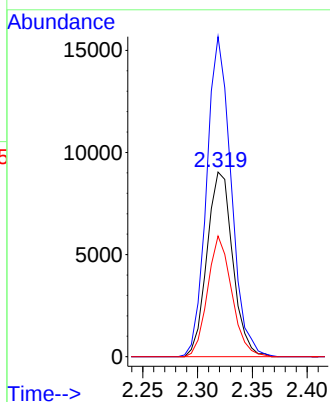
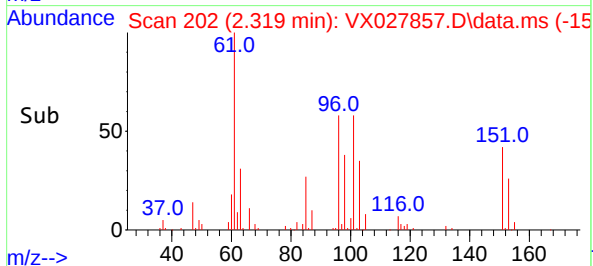
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318



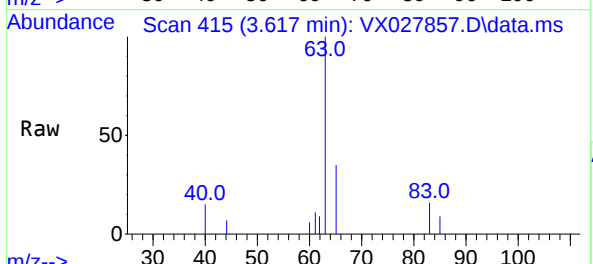
Tgt Ion: 96 Resp: 1477
Ion Ratio Lower Upper
96 100
61 173.4 124.6 187.0
98 65.3 51.0 76.4

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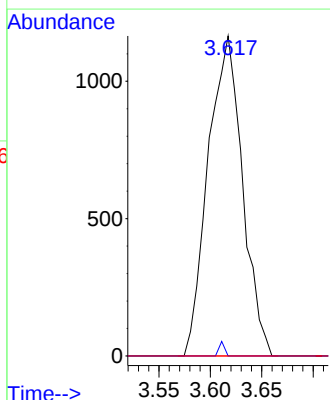
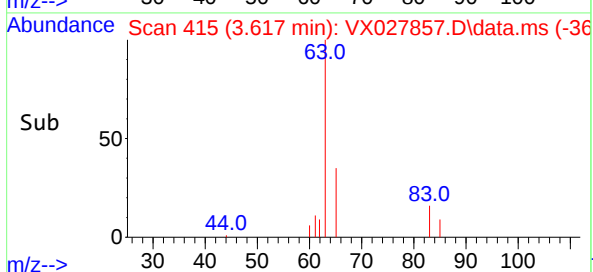
Reviewed By :John Carlone 04/01/2022
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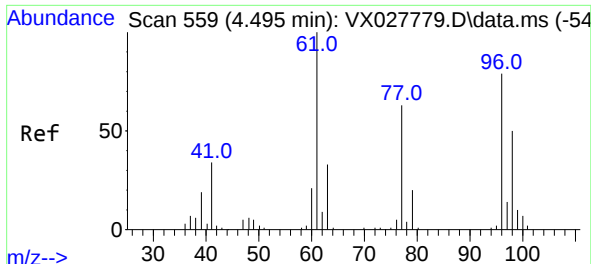


#24
1,1-Dichloroethane
Concen: 2.067 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51



Tgt Ion: 63 Resp: 2705
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#





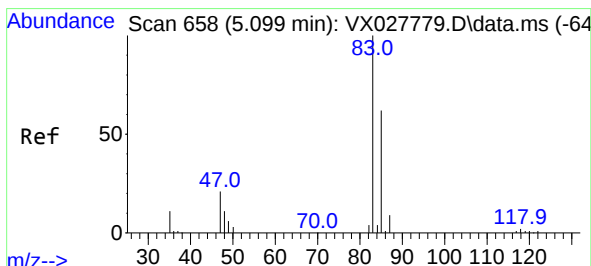
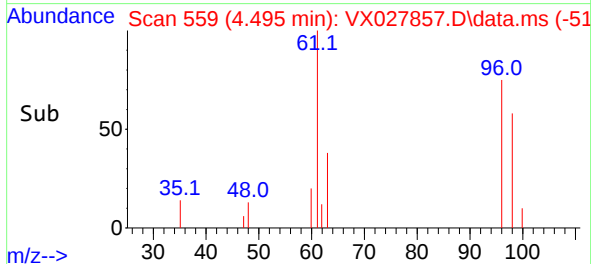
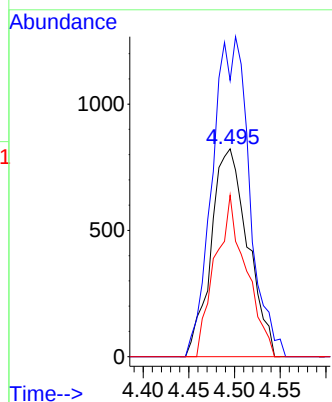
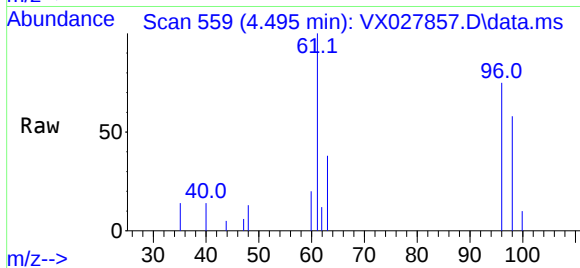
#27
cis-1,2-Dichloroethene
Concen: 2.781 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318

Tgt Ion: 96 Resp: 230
Ion Ratio Lower Upper
96 100
61 155.8 0.0 283.8
98 65.5 0.0 129.8

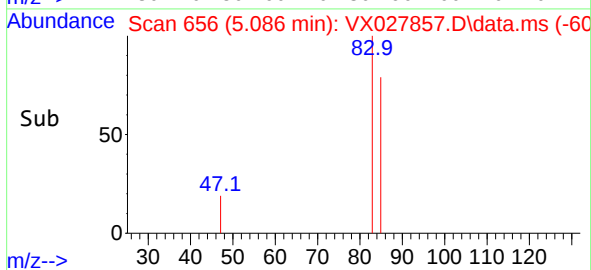
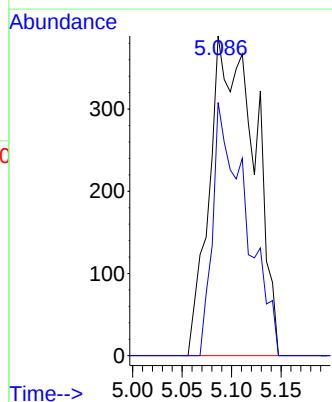
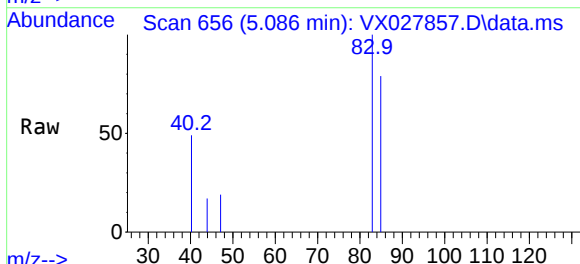
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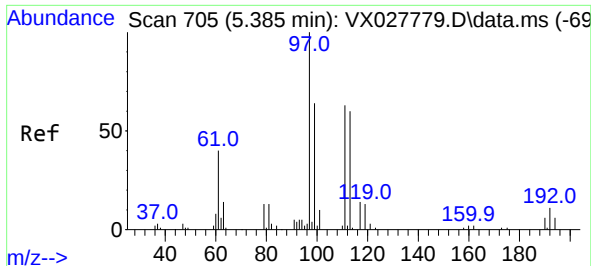
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#30
Chloroform
Concen: 0.845 ug/l m
RT: 5.086 min Scan# 656
Delta R.T. -0.013 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

Tgt Ion: 83 Resp: 1230
Ion Ratio Lower Upper
83 100
85 79.2 52.7 79.1#





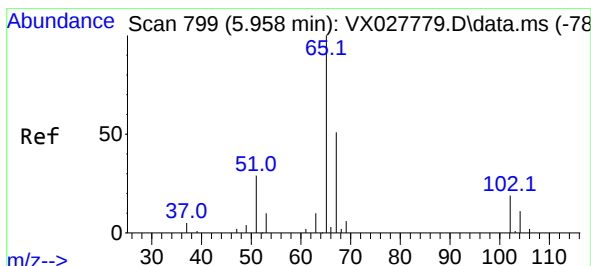
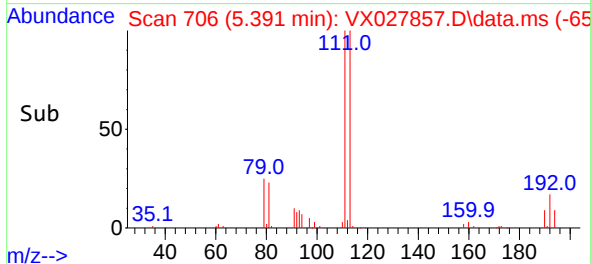
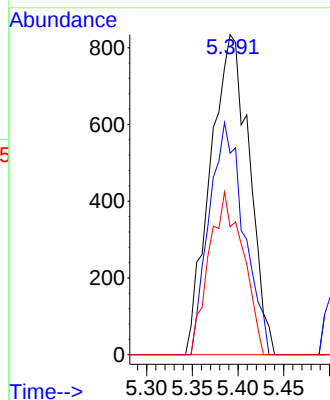
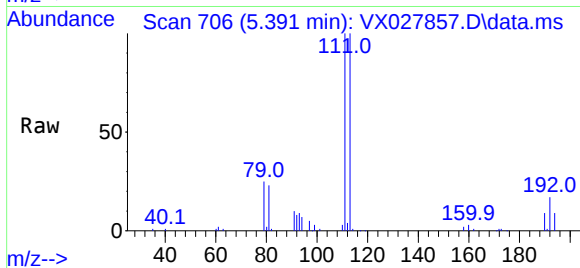
#32
1,1,1-Trichloroethane
Concen: 1.958 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318

Tgt Ion: 97 Resp: 2464
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 44.4 34.0 51.0

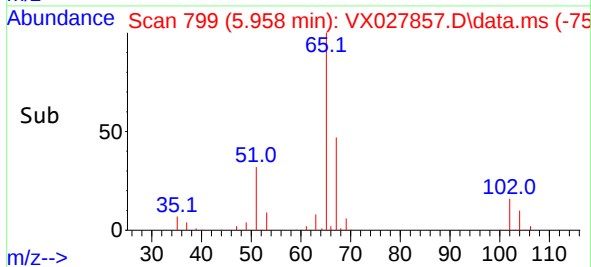
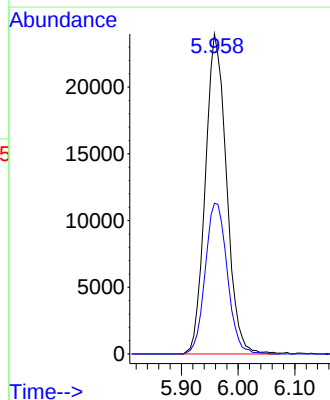
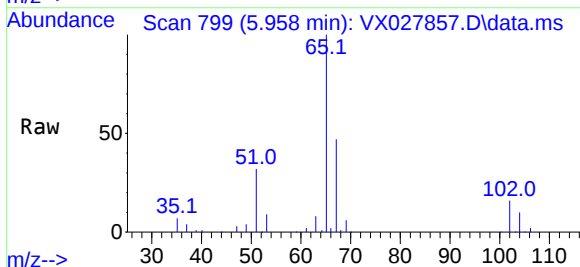
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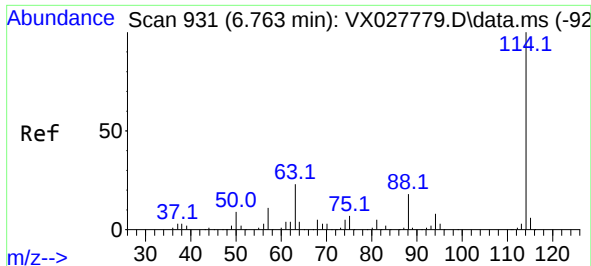
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#33
1,2-Dichloroethane-d4
Concen: 65.523 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

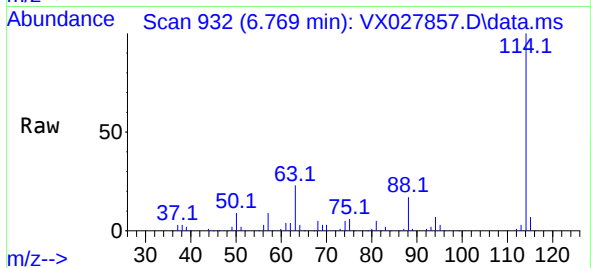
Tgt Ion: 65 Resp: 62216
Ion Ratio Lower Upper
65 100
67 49.0 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

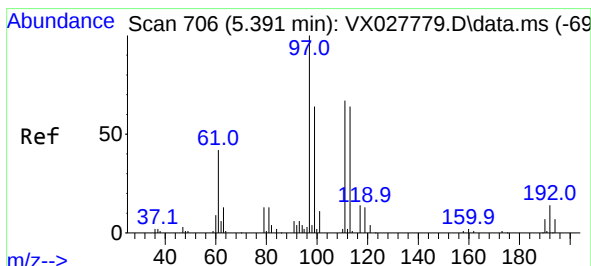
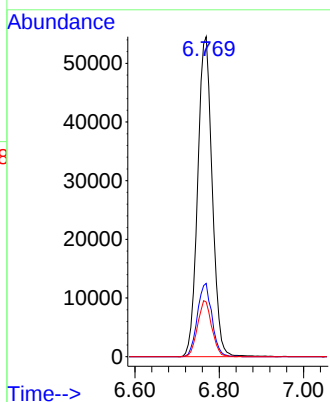
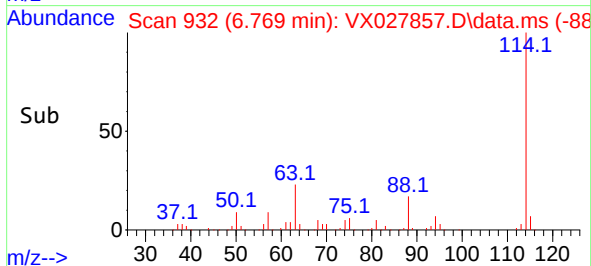
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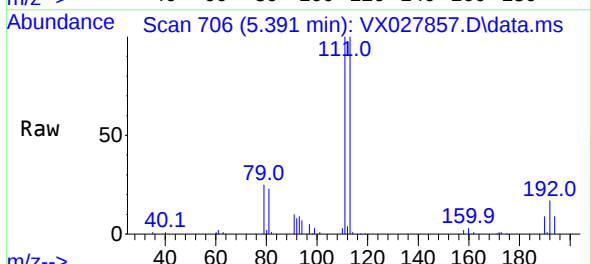
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Ion Ratio Lower Upper
114 100
63 22.9 0.0 36.8
88 17.1 0.0 32.4

Manual Integrations
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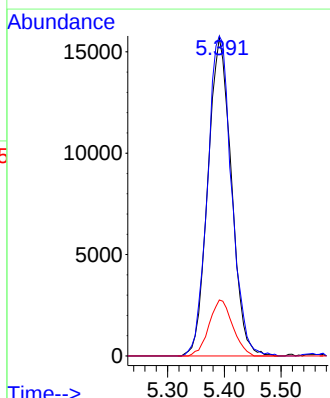
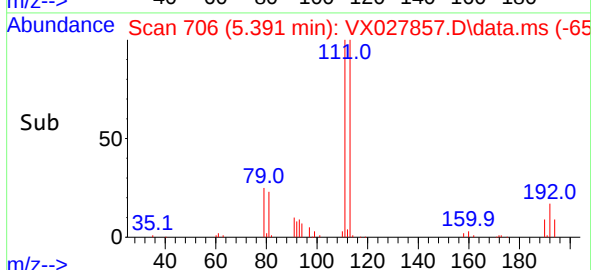
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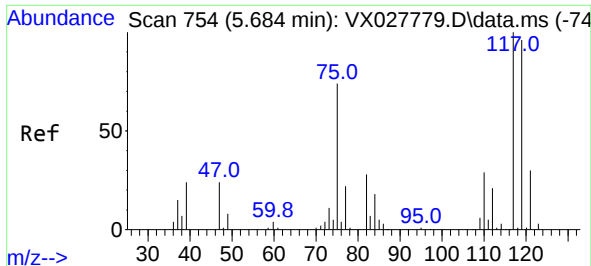


#35
Dibromofluoromethane
Concen: 53.519 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51



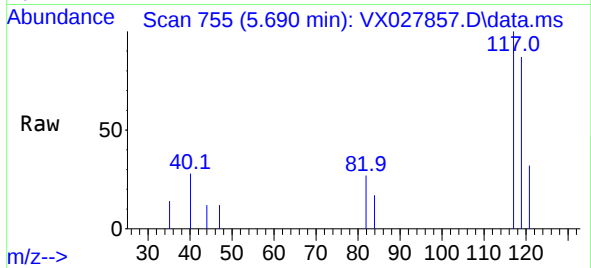
Tgt Ion:113 Resp: 45056
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 17.7 16.9 25.3





#38
Carbon Tetrachloride
Concen: 1.956 ug/l
RT: 5.690 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

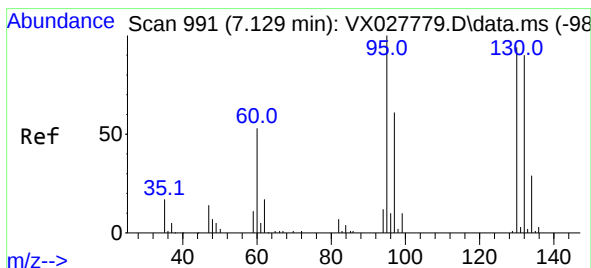
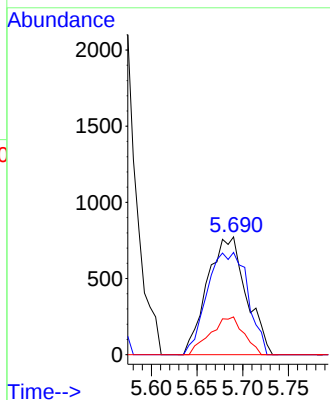
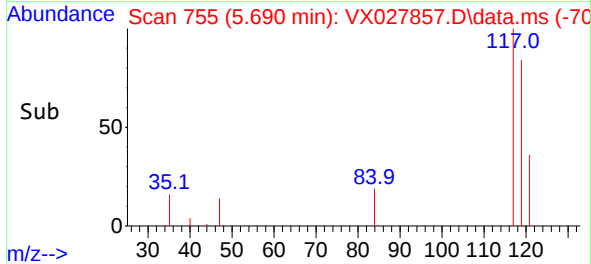
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318



Tgt Ion:117 Resp: 229
Ion Ratio Lower Upper
117 100
119 86.8 77.3 115.9
121 32.1 24.2 36.2

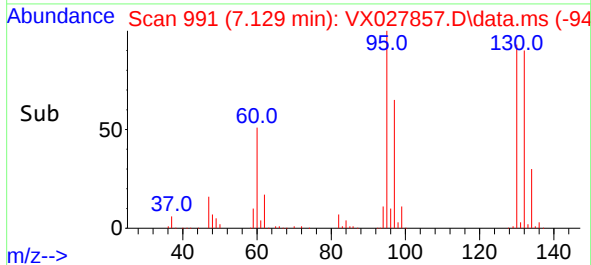
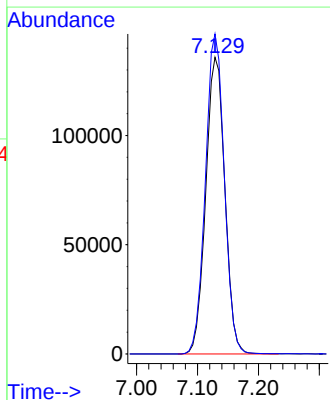
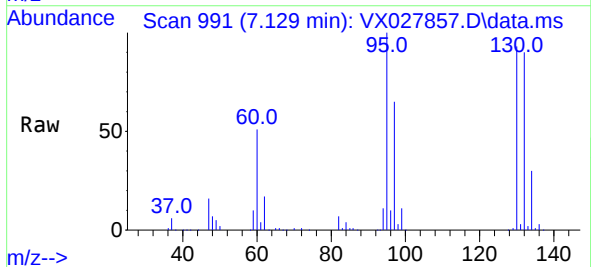
Manual Integrations
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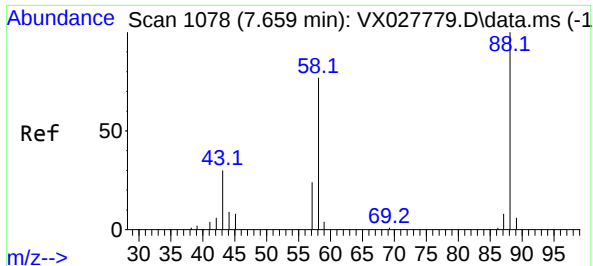
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#44
Trichloroethene
Concen: 338.987 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

Tgt Ion:130 Resp: 296024
Ion Ratio Lower Upper
130 100
95 107.9 0.0 188.8





#49

1,4-Dioxane

Concen: 17.801 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX027857.D

Acq: 31 Mar 2022 18:51

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20220318

Tgt Ion: 88 Resp: 388

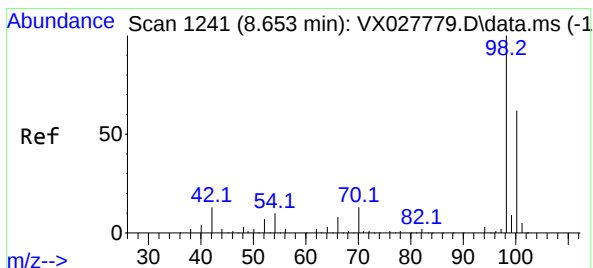
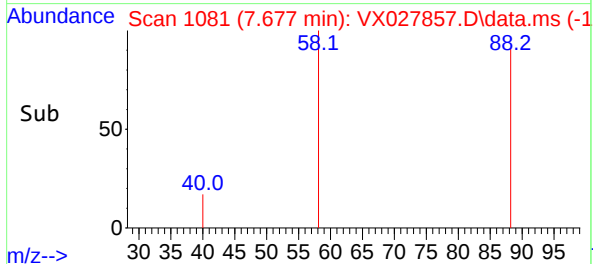
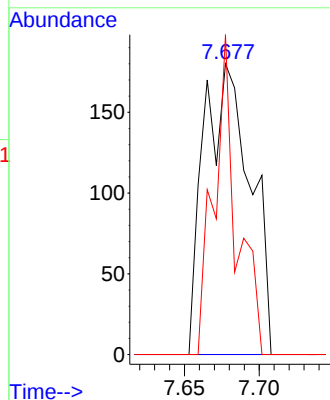
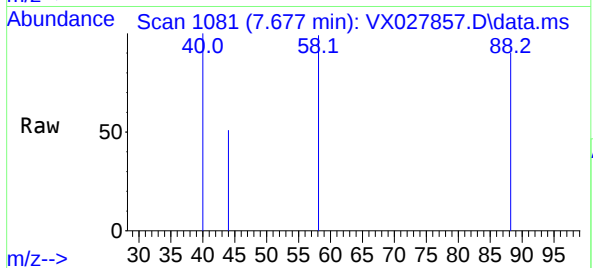
Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.9	32.9
58	53.9	53.7	80.5

Manual Integrations

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Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#50

Toluene-d8

Concen: 52.515 ug/l

RT: 8.653 min Scan# 1241

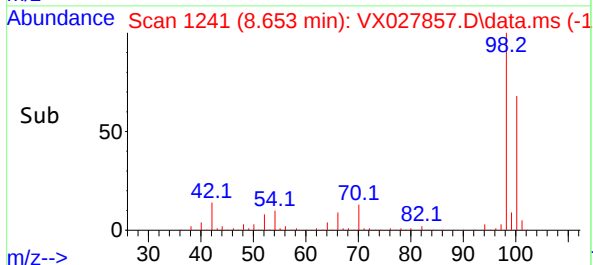
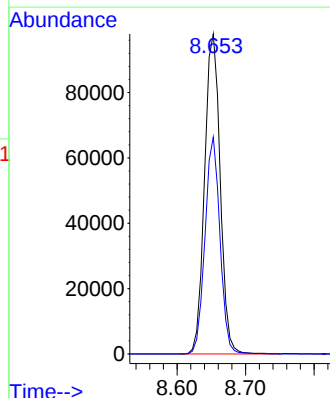
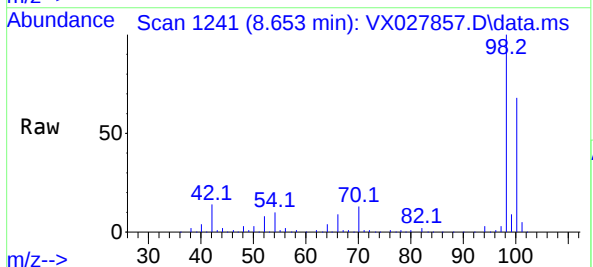
Delta R.T. -0.000 min

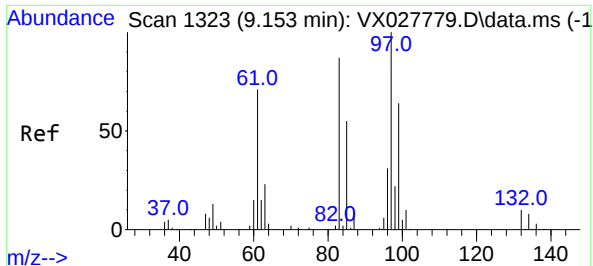
Lab File: VX027857.D

Acq: 31 Mar 2022 18:51

Tgt Ion: 98 Resp: 155555

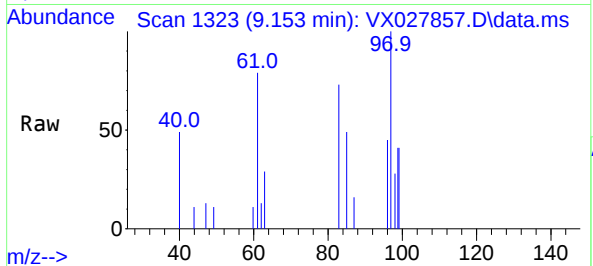
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8





#55
1,1,2-Trichloroethane
Concen: 0.860 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318

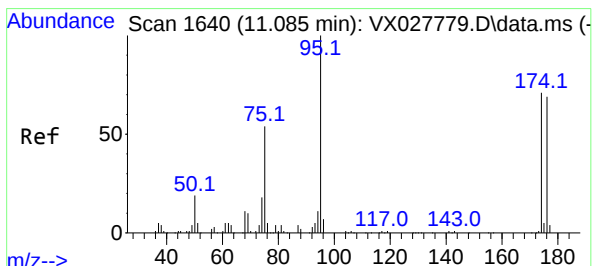
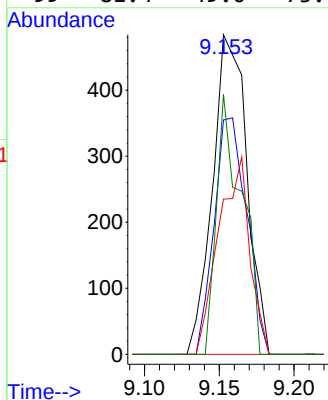
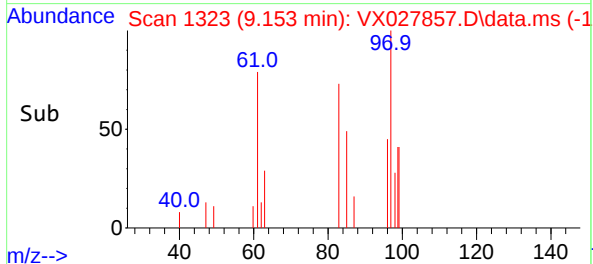


Tgt Ion: 97 Resp: 772

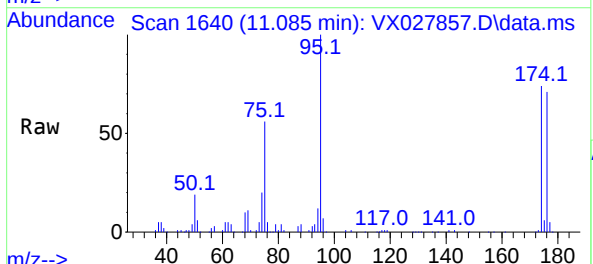
Ion	Ratio	Lower	Upper
97	100		
83	73.3	66.2	99.4
85	48.6	42.9	64.3
99	81.4	49.0	73.6

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Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

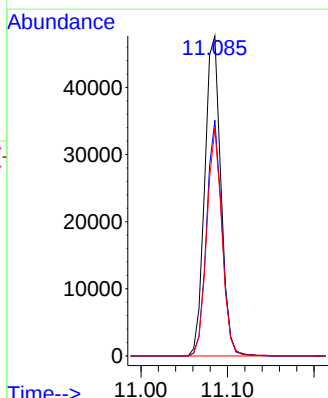
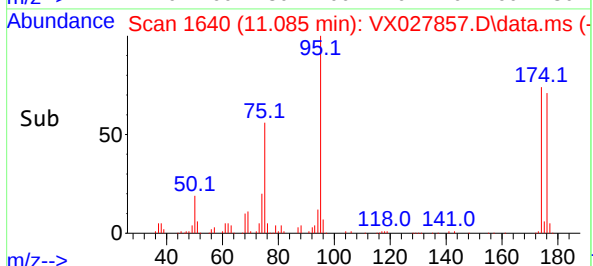


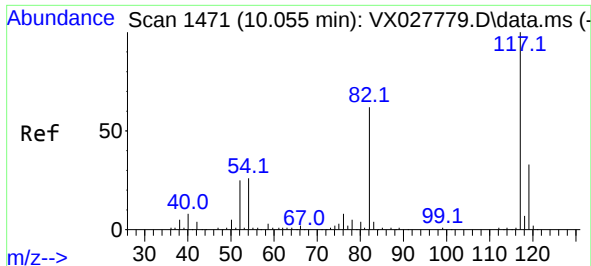
#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51



Tgt Ion: 95 Resp: 61493

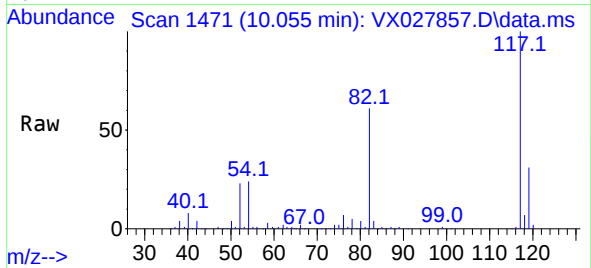
Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	163.0
176	67.3	0.0	155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

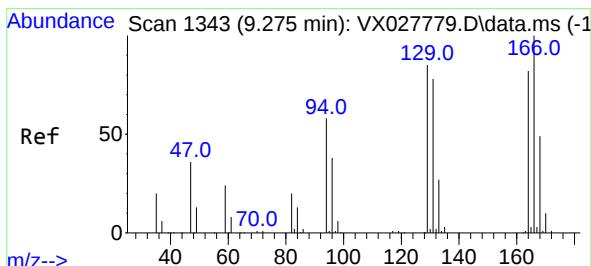
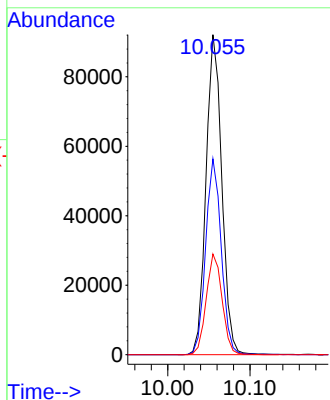
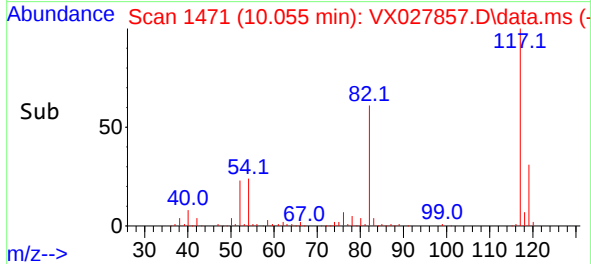
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220318



Tgt Ion:117 Resp: 122739
Ion Ratio Lower Upper
117 100
82 61.2 41.8 62.8
119 31.4 24.8 37.2

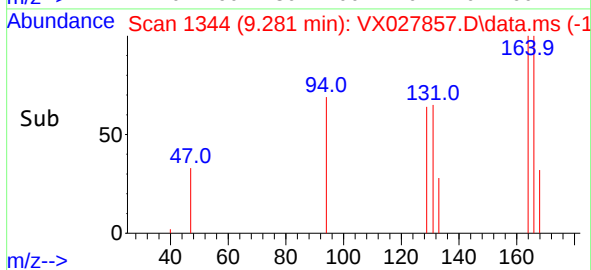
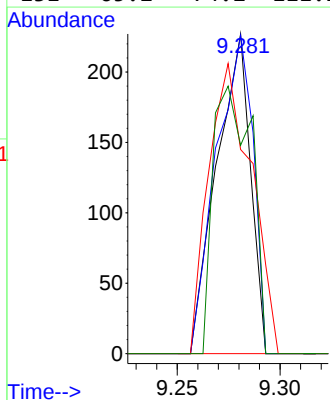
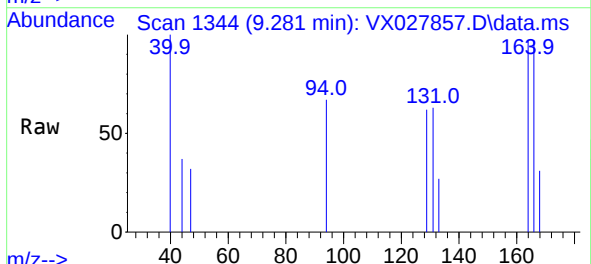
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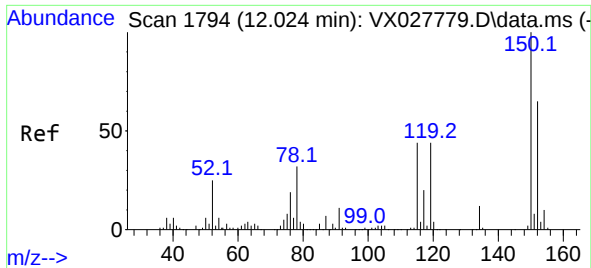
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#64
Tetrachloroethene
Concen: 0.311 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX027857.D
Acq: 31 Mar 2022 18:51

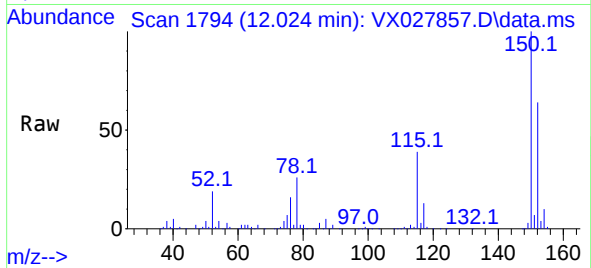
Tgt Ion:164 Resp: 259
Ion Ratio Lower Upper
164 100
166 99.6 101.2 151.8#
129 63.9 73.0 109.4#
131 65.2 74.2 111.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027857.D
 Acq: 31 Mar 2022 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20220318



Tgt Ion:152 Resp: 55510
 Ion Ratio Lower Upper
 152 100
 115 62.2 37.5 112.7
 150 158.6 0.0 338.2

Manual Integrations
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Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022

