

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090220\
 Data File : VX018213.D
 Acq On : 02 Sep 2020 14:20
 Operator : JC/SP
 Sample : MDL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:53:46 AM

Quant Time: Sep 03 05:12:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:54:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	661543	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	641908	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	288594	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	255347	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.66%
7) Chloroethane-d5	1.70	69	198012	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.34	63	395456	38.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.10%
21) 2-Butanone-d5	4.53	46	373439	101.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.05%
24) Chloroform-d	5.14	84	484812	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	6.03	65	355647	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	6.05	84	945100	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
36) 1,2-Dichloropropane-d6	7.37	67	304355	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.54%
41) Toluene-d8	8.70	98	892163	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	8.99	79	163387	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	9.43	63	274078	103.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.18%
57) 1,1,2,2-Tetrachloroethane-	11.23	84	393349	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	12.36	152	340639	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	10324	1.834	ug/L	99
3) Chloromethane	1.31	50	11482	2.227	ug/L	95
5) Vinyl chloride	1.39	62	11689m	2.280	ug/L	
6) Bromomethane	1.64	94	7427	2.533	ug/L	85
8) Chloroethane	1.72	64	6384	2.118	ug/L	84
9) Trichlorofluoromethane	1.92	101	16191	1.903	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	11701	2.530	ug/L	84
12) 1,1-Dichloroethene	2.36	96	11740m	2.697	ug/L	
13) Acetone	2.43	43	10266	4.874	ug/L	94
14) Carbon disulfide	2.56	76	30787	2.233	ug/L	97
15) Methyl Acetate	2.75	43	12148	2.347	ug/L	97
16) Methylene chloride	2.84	84	11584	2.348	ug/L	96
17) trans-1,2-Dichloroethene	3.15	96	9634	2.064	ug/L	85
18) Methyl tert-butyl Ether	3.17	73	27662	1.898	ug/L	97
19) 1,1-Dichloroethane	3.67	63	18226	2.083	ug/L	96
20) cis-1,2-Dichloroethene	4.57	96	10383	2.081	ug/L #	81
22) 2-Butanone	4.64	43	16405	4.749	ug/L	95

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 9/3/2020 9:53:46 AM

Quant Time: Sep 03 05:12:13 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	5930	2.124	ug/L	91
25) Chloroform	5.18	83	38970	3.894	ug/L	94
27) 1,2-Dichloroethane	6.17	62	17092	2.254	ug/L #	94
29) Cyclohexane	5.55	56	11763	1.665	ug/L #	69
30) 1,1,1-Trichloroethane	5.47	97	18509	2.100	ug/L	93
31) Carbon tetrachloride	5.76	117	15378	1.916	ug/L	97
33) Benzene	6.11	78	37543	2.021	ug/L	100
34) Trichloroethene	7.18	95	10728	2.058	ug/L	92
35) Methylcyclohexane	7.45	83	11701	1.615	ug/L	95
37) 1,2-Dichloropropane	7.49	63	10272m	2.088	ug/L	
38) Bromodichloromethane	7.87	83	14955	2.135	ug/L	97
39) cis-1,3-Dichloropropene	8.42	75	14787m	1.928	ug/L	
40) 4-Methyl-2-pentanone	8.62	43	26104	3.914	ug/L #	95
42) Toluene	8.77	91	38191	1.916	ug/L	96
44) trans-1,3-Dichloropropene	9.02	75	15250	1.890	ug/L	86
45) 1,1,2-Trichloroethane	9.20	97	9898	2.005	ug/L	91
46) Tetrachloroethene	9.32	164	7965	1.917	ug/L	94
48) 2-Hexanone	9.48	43	23305	4.323	ug/L	96
49) Dibromochloromethane	9.57	129	12063	1.994	ug/L	94
50) 1,2-Dibromoethane	9.66	107	11152	2.133	ug/L #	97
51) Chlorobenzene	10.12	112	26066	1.920	ug/L	97
52) Ethylbenzene	10.24	91	39494	1.777	ug/L	95
53) m,p-Xylene	10.34	106	13805	1.626	ug/L	83
54) o-xylene	10.68	106	13291	1.640	ug/L	92
55) Styrene	10.70	104	20701	1.479	ug/L	99
56) Isopropylbenzene	11.01	105	32735	1.510	ug/L	96
58) 1,1,1,2,2-Tetrachloroethane	11.25	83	16551	2.283	ug/L #	91
59) 1,2,3-Trichloropropane	11.28	75	13084	2.082	ug/L	96
61) Bromoform	10.84	173	9062	2.215	ug/L #	95
62) 1,3-Dichlorobenzene	12.01	146	16913	1.784	ug/L	95
63) 1,4-Dichlorobenzene	12.08	146	20095	2.083	ug/L	91
65) 1,2-Dichlorobenzene	12.37	146	18656	2.043	ug/L #	91
66) 1,2-Dibromo-3-chloropropan	12.99	75	4089	2.394	ug/L #	72
67) 1,3,5-Trichlorobenzene	13.15	180	11237	1.817	ug/L	95
68) 1,2,4-trichlorobenzene	13.63	180	10343	1.812	ug/L	99
69) Naphthalene	13.82	128	30094	1.668	ug/L	95
70) 1,2,3-Trichlorobenzene	14.00	180	10491	1.838	ug/L	96

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

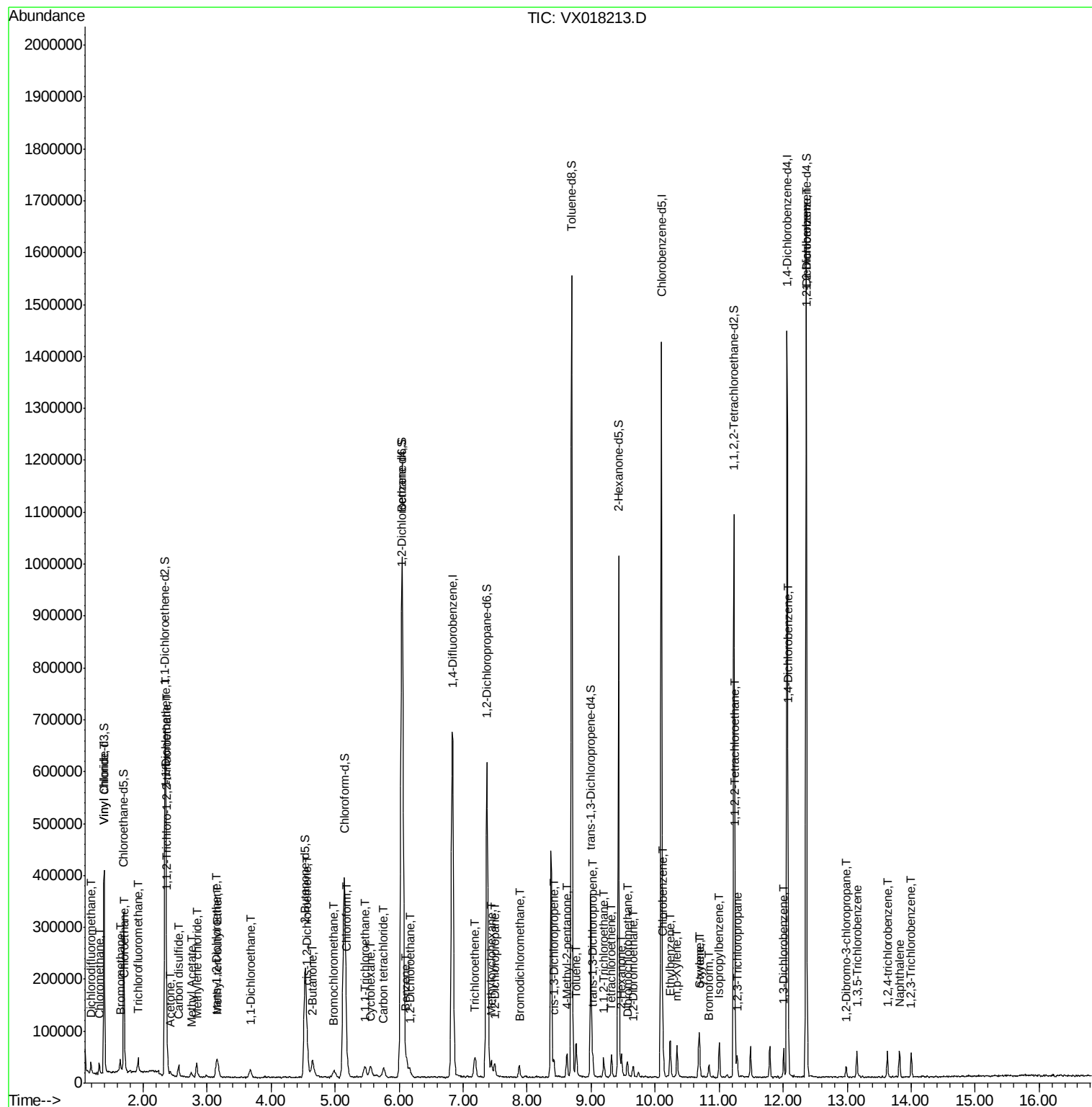
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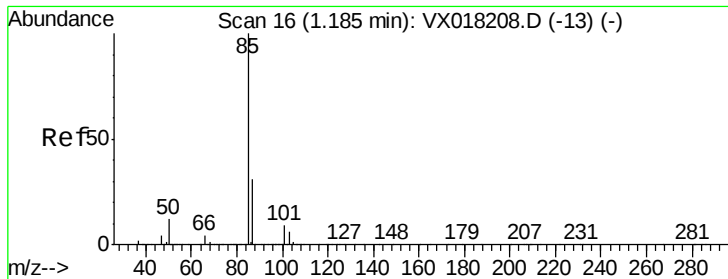
Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Thu Sep 03 04:54:32 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 1.834 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 85 Resp: 10324

Ion Ratio Lower Upper

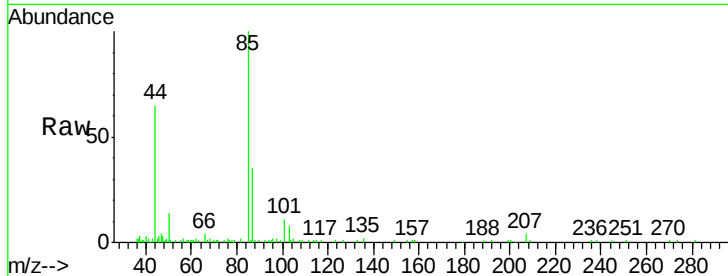
85 100

87 32.3 25.2 37.8

Manual Integrations
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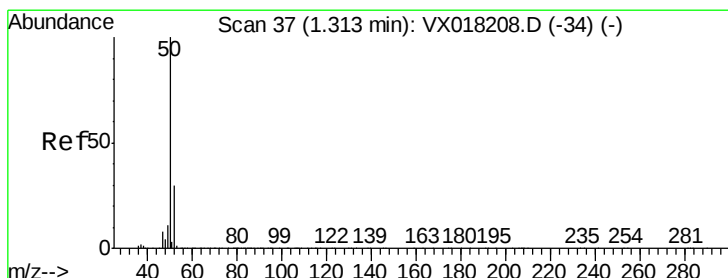
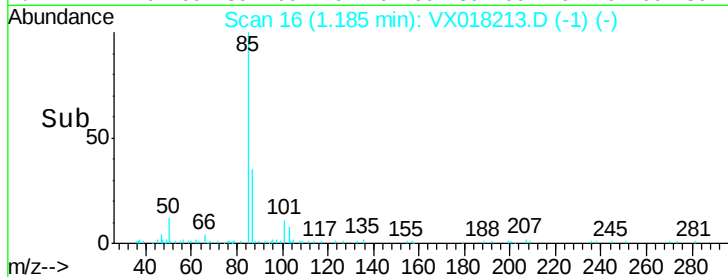
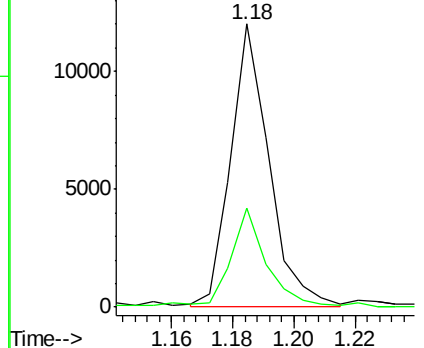
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Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 2.227 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018213.D

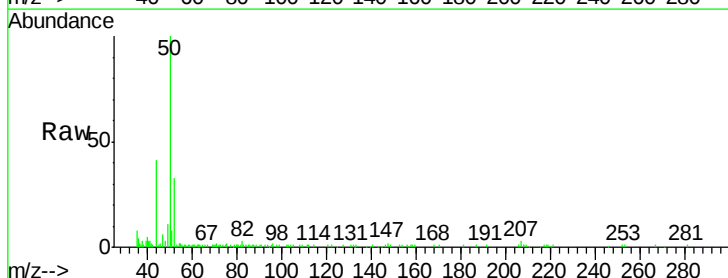
Acq: 02 Sep 2020 14:20

Tgt Ion: 50 Resp: 11482

Ion Ratio Lower Upper

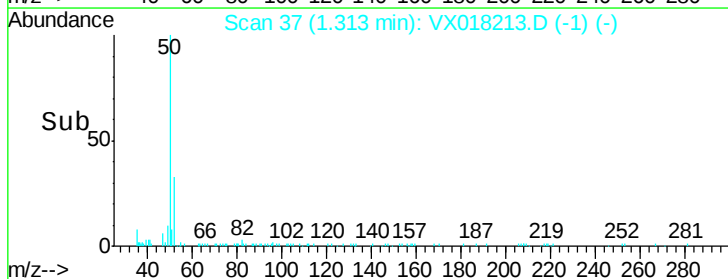
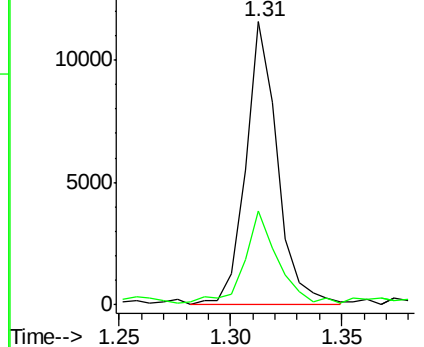
50 100

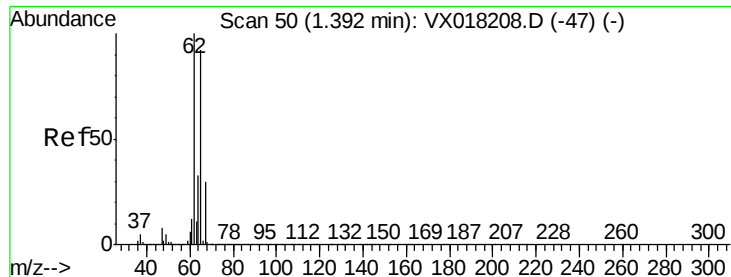
52 33.0 21.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 2.280 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 62 Resp: 11689

Ion Ratio Lower Upper

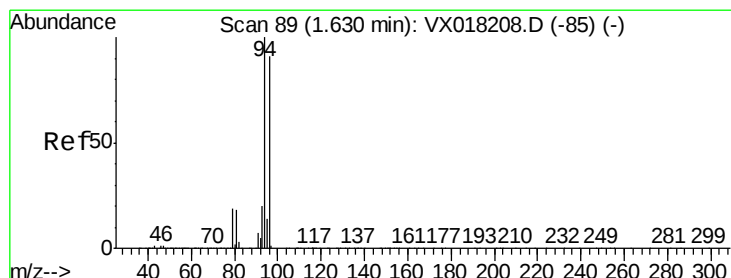
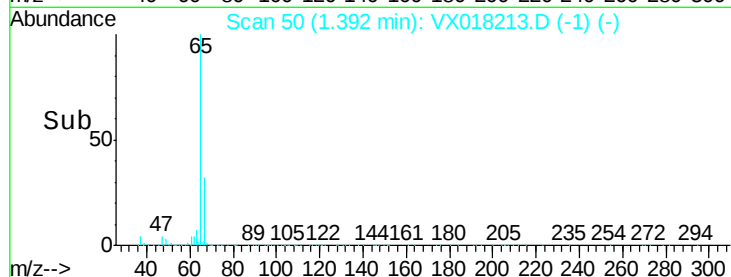
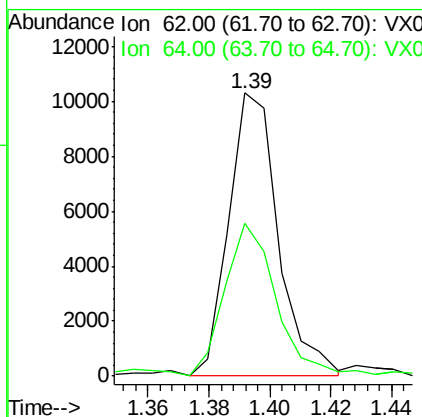
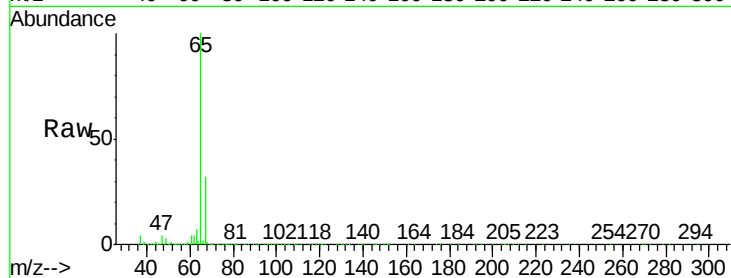
62 100

64 54.2 23.2 43.2#

Manual Integrations
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#6

Bromomethane

Concen: 2.533 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018213.D

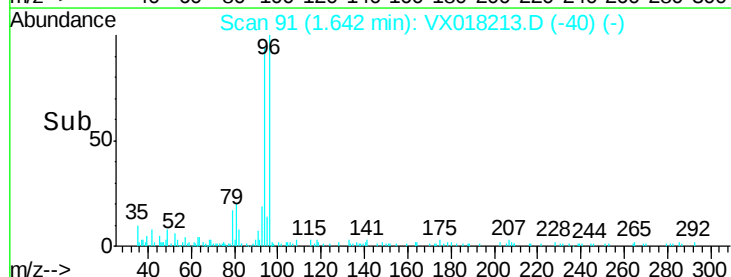
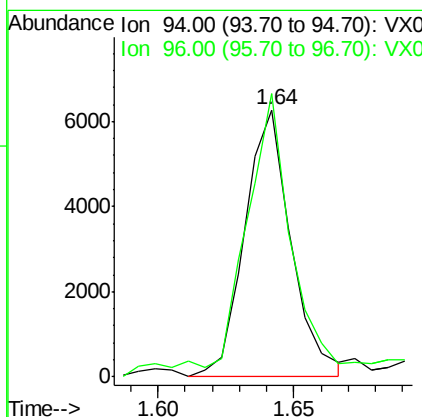
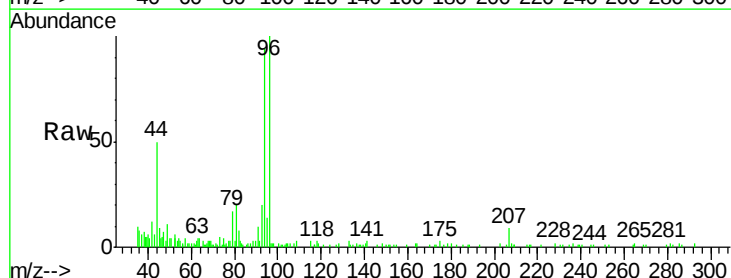
Acq: 02 Sep 2020 14:20

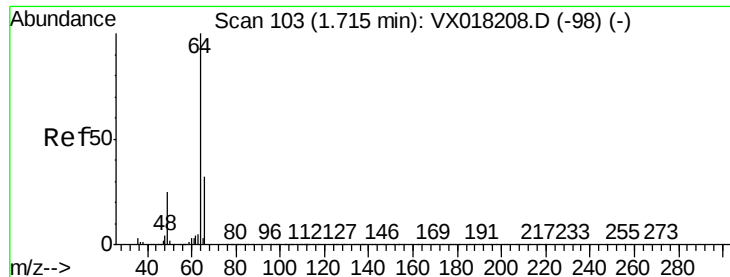
Tgt Ion: 94 Resp: 7427

Ion Ratio Lower Upper

94 100

96 106.0 63.9 118.7





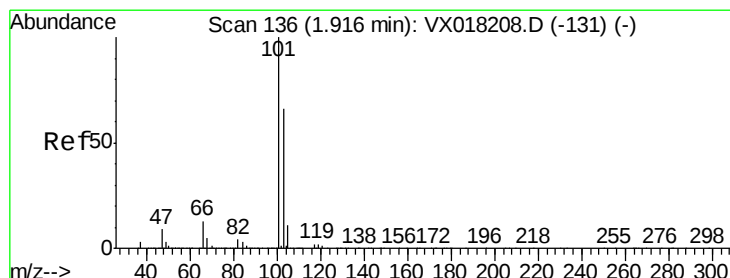
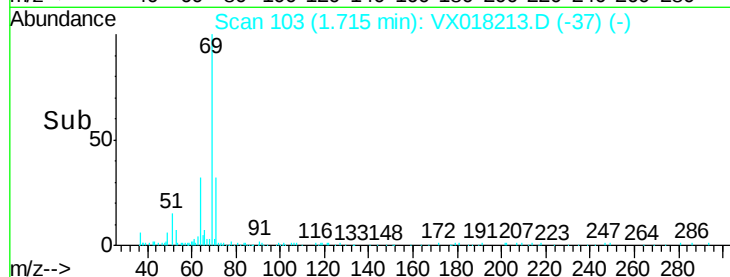
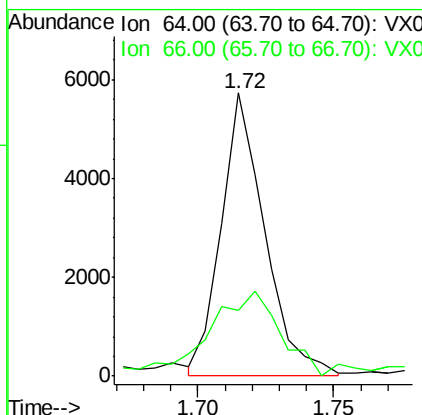
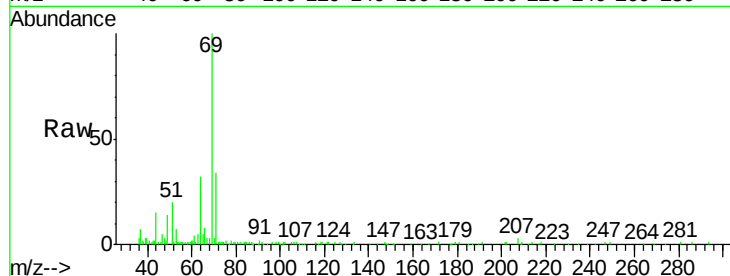
#8
Chloroethane
Concen: 2.118 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
64	100		
66	23.3	22.5	41.7

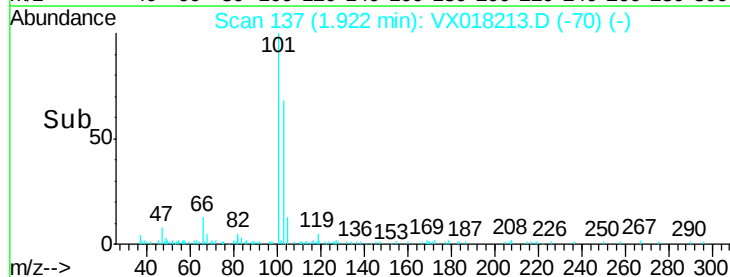
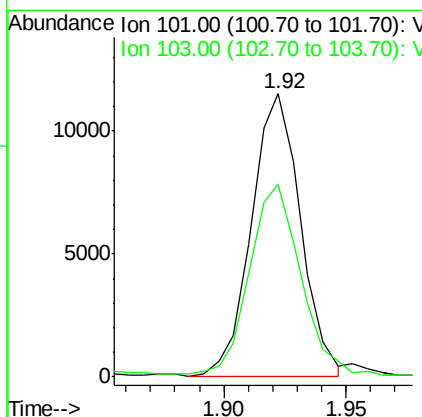
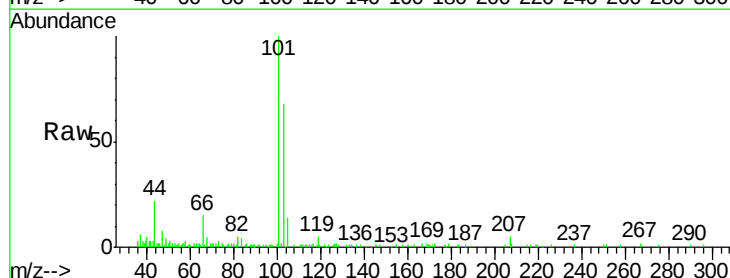
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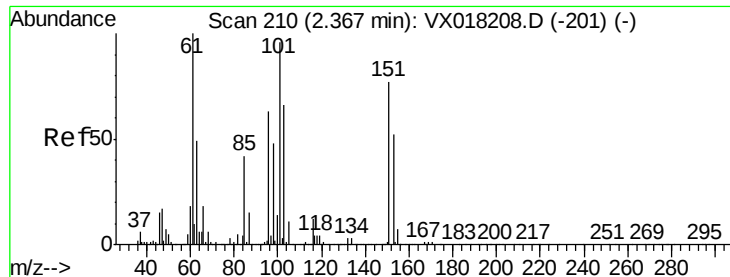
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9/3/2020 9:53:46 AM



#9
Trichlorofluoromethane
Concen: 1.903 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
101	100		
103	70.5	51.4	77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.530 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

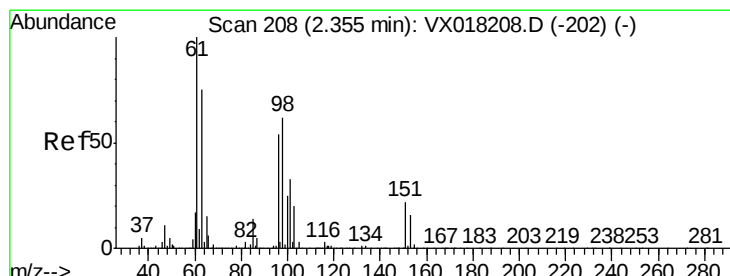
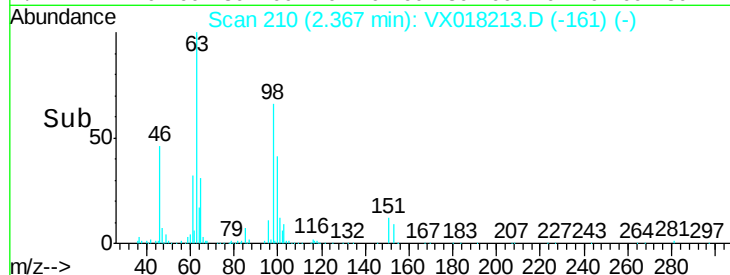
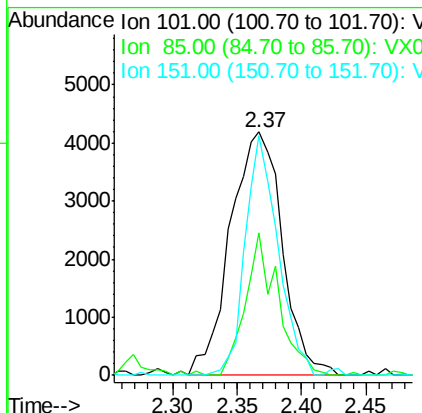
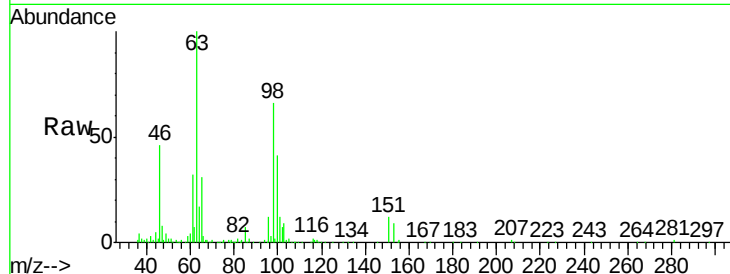
ClientSampled :

MDL01

Tot Ion:	101	Resp:	11701
Ion Ratio	Lower	Upper	
101	100		
85	36.7	35.8	53.6
151	61.6	61.6	92.4

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#12

1,1-Dichloroethene

Concen: 2.697 ug/L m

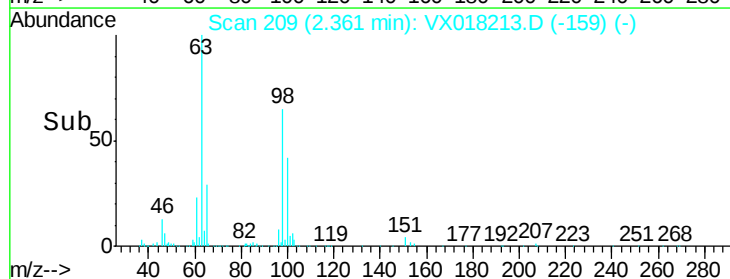
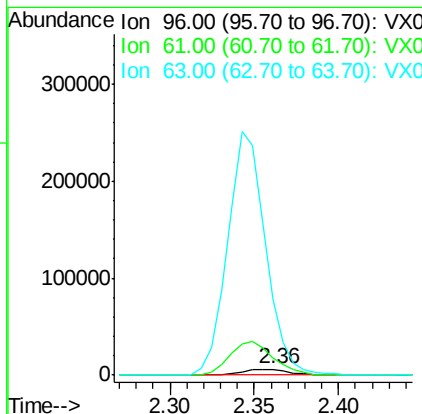
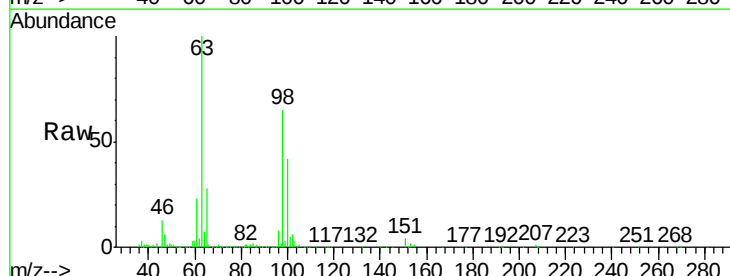
RT: 2.36 min Scan# 209

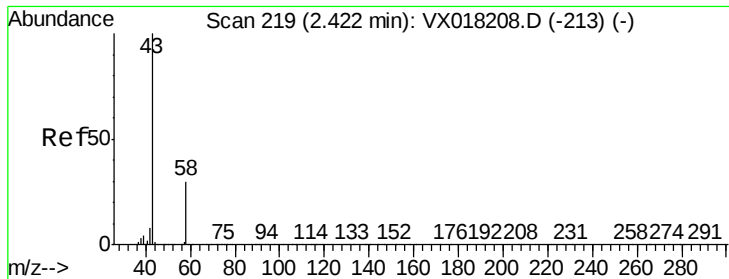
Delta R.T. 0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Tgt Ion:	96	Resp:	11740
Ion Ratio	Lower	Upper	
96	100		
61	298.6	130.5	242.5#
63	1298.0	103.0	191.2#





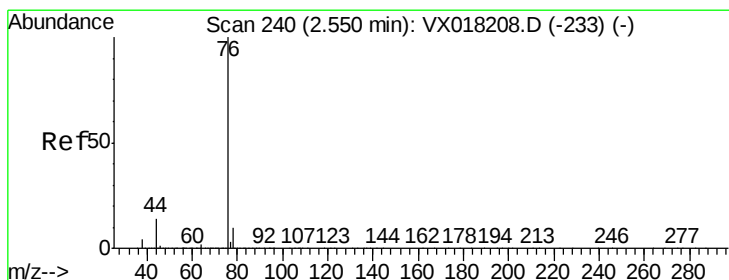
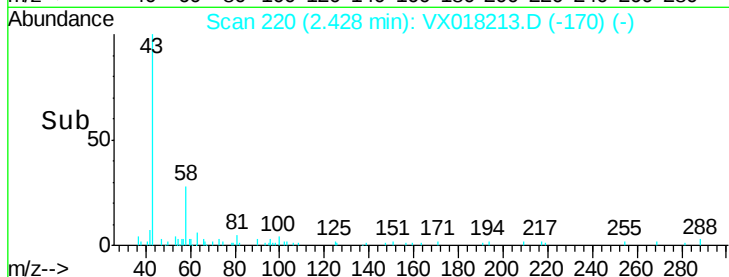
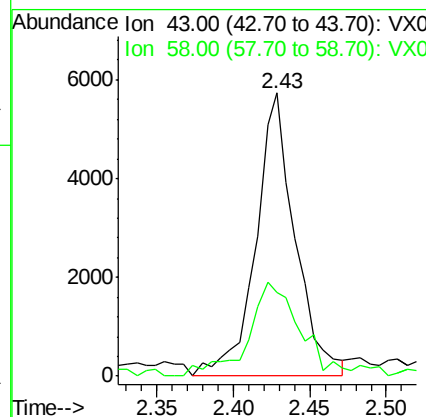
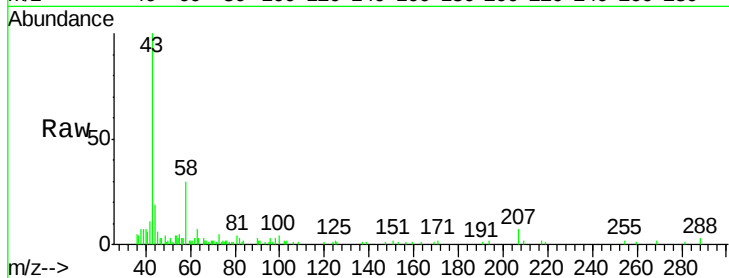
#13
Acetone
Concen: 4.874 ug/L
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
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Tot Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	59.2

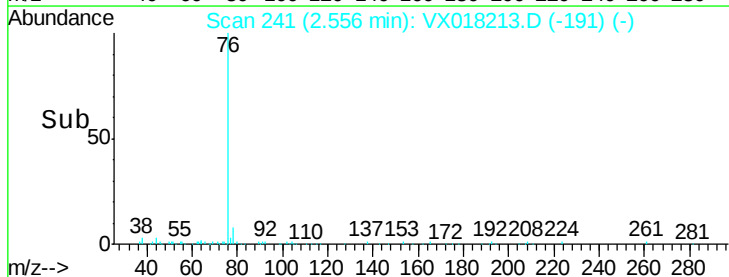
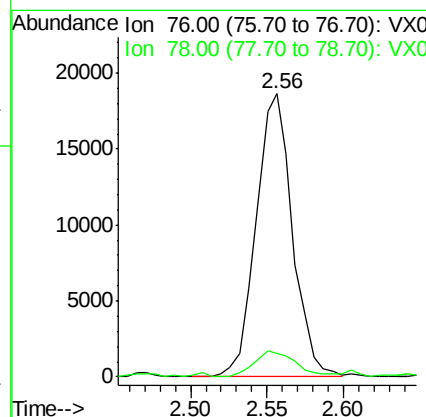
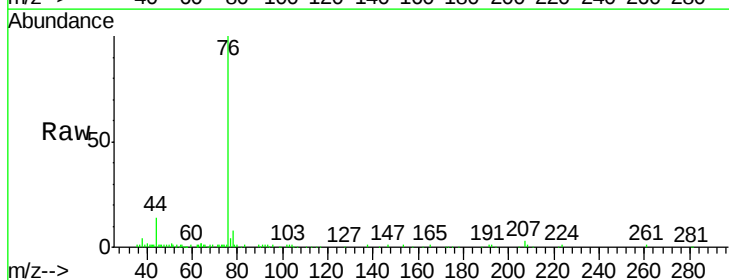
Manual Integrations
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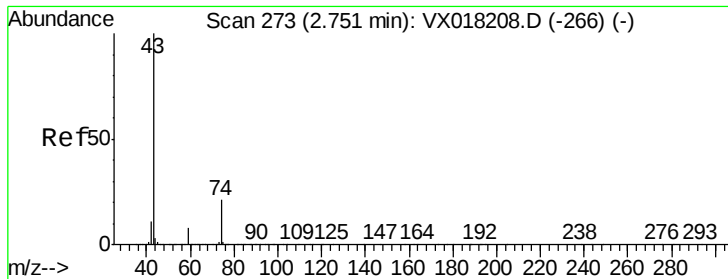
MMDadoda
9/3/2020 9:53:46 AM



#14
Carbon disulfide
Concen: 2.233 ug/L
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.7	11.5





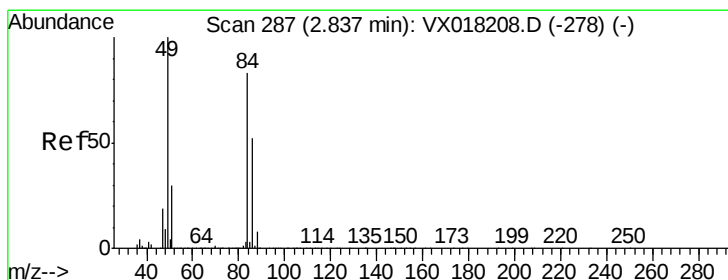
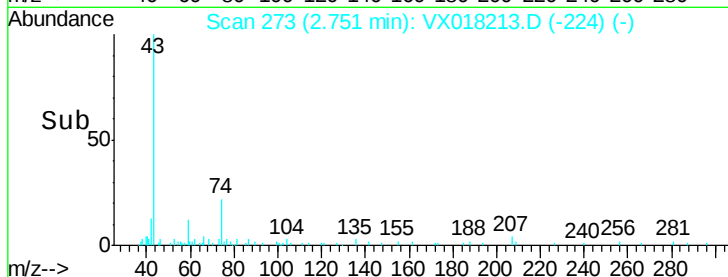
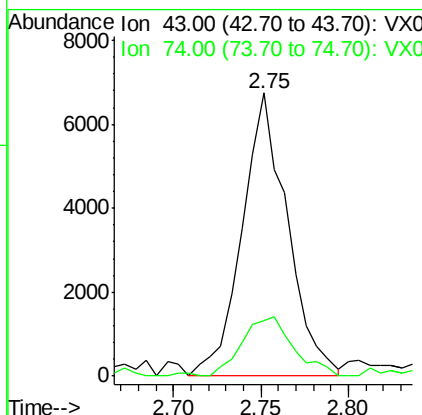
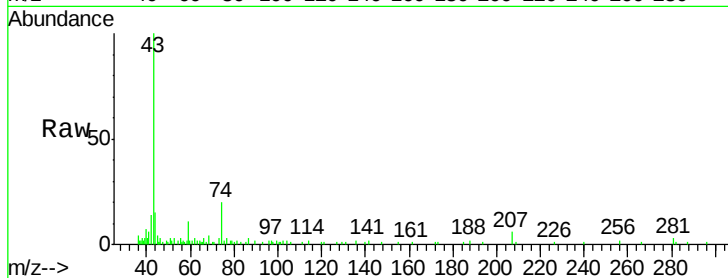
#15
Methvl Acetate
Concen: 2.347 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.8	26.8

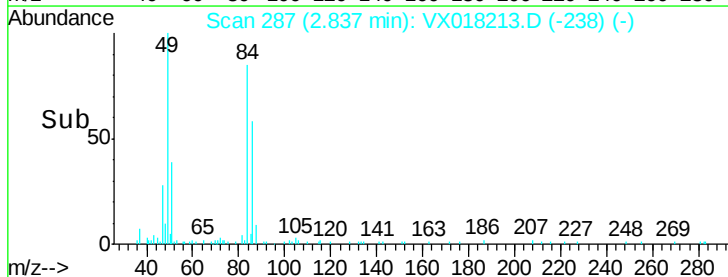
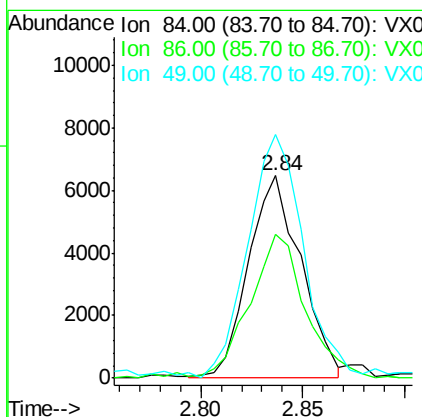
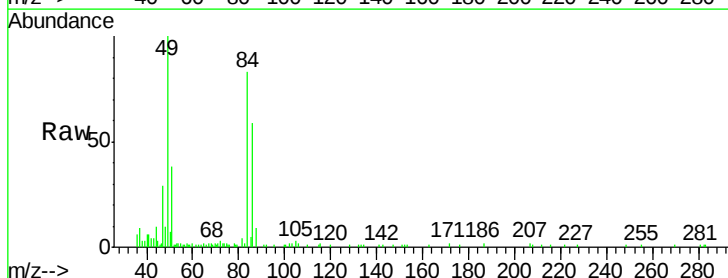
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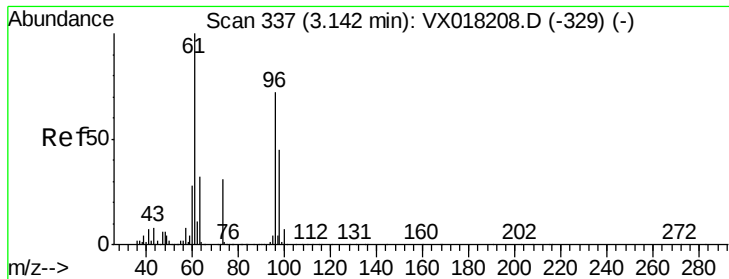
MMDadoda
9/3/2020 9:53:46 AM



#16
Methylene chloride
Concen: 2.348 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
84	100		
86	70.9	43.6	81.0
49	120.2	84.5	156.9





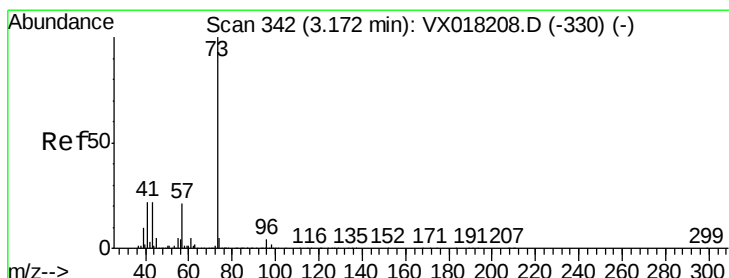
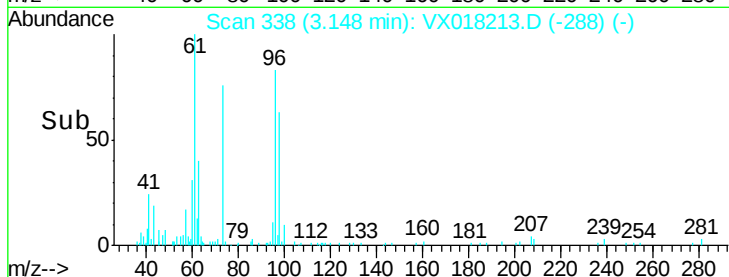
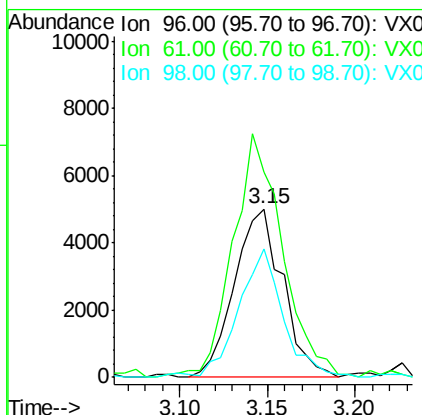
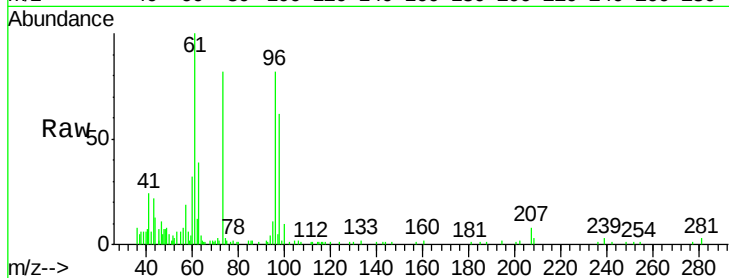
#17
trans-1,2-Dichloroethene
Concen: 2.064 ug/L
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.0	97.1	180.3
98	75.9	43.9	81.5

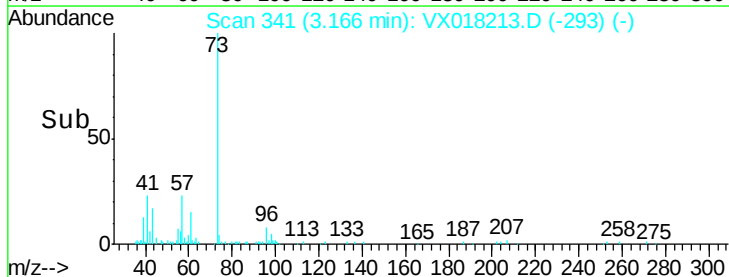
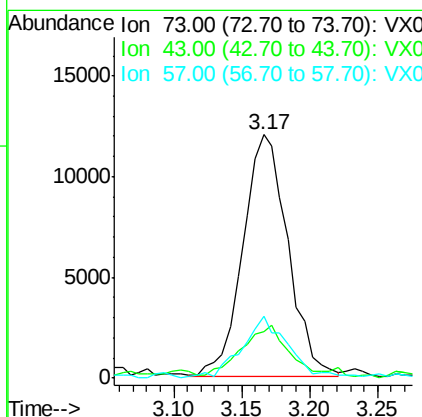
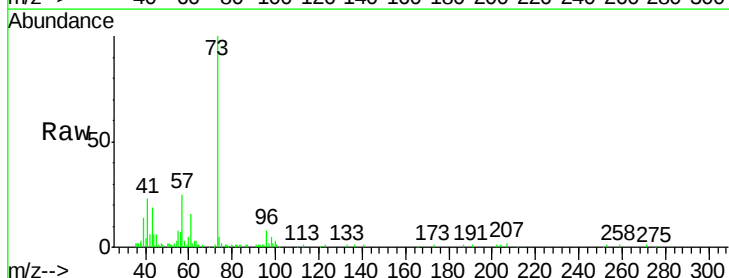
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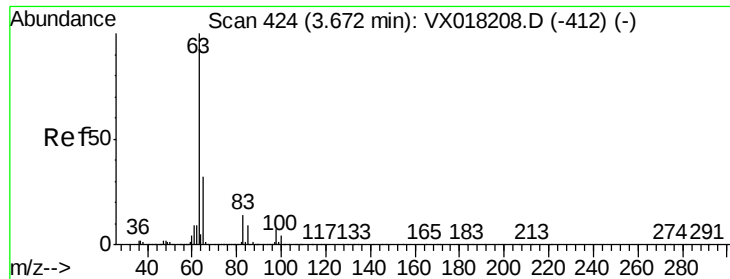
MMDadoda
9/3/2020 9:53:46 AM



#18
Methyl tert-butyl Ether
Concen: 1.898 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.4	26.2
57	24.4	17.1	25.7





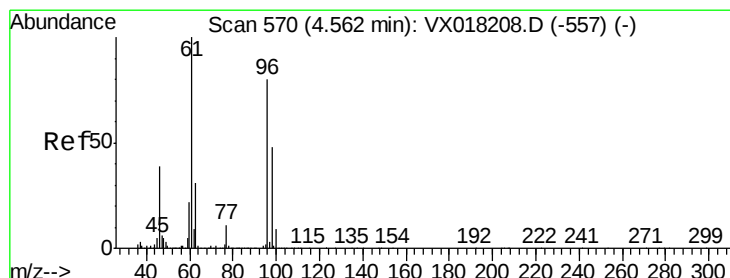
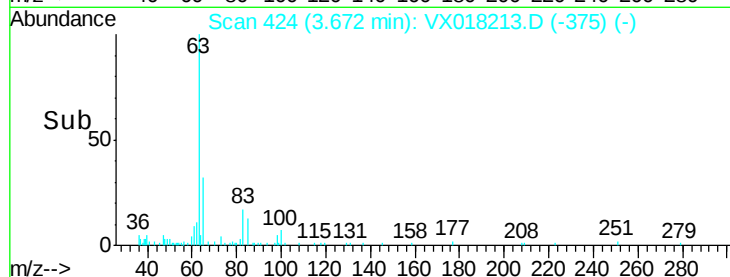
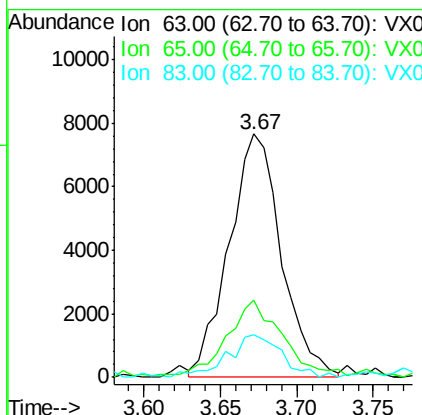
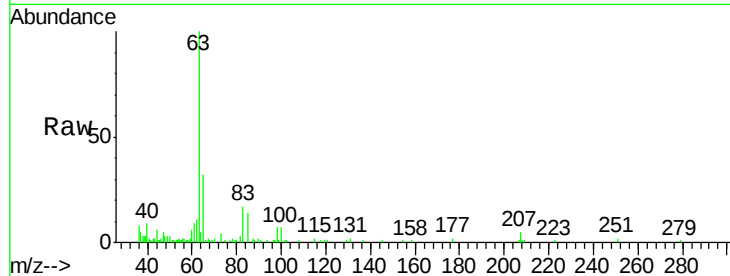
#19
 1,1-Dichloroethane
 Concen: 2.083 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.7	42.3
83	17.3	9.7	18.1

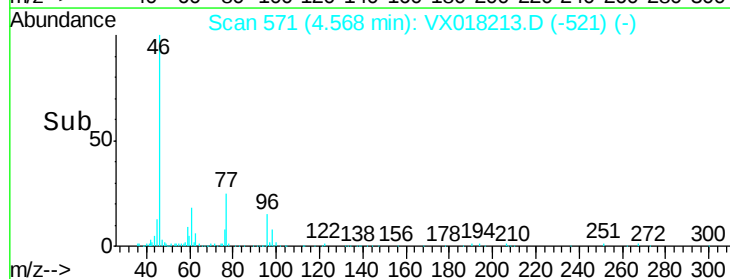
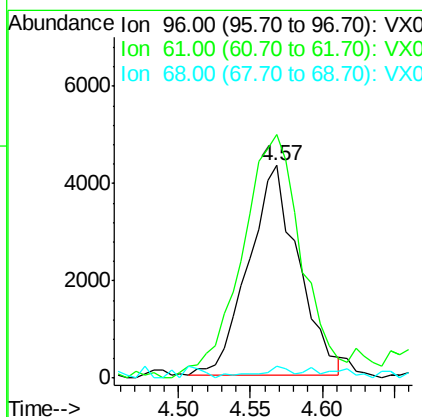
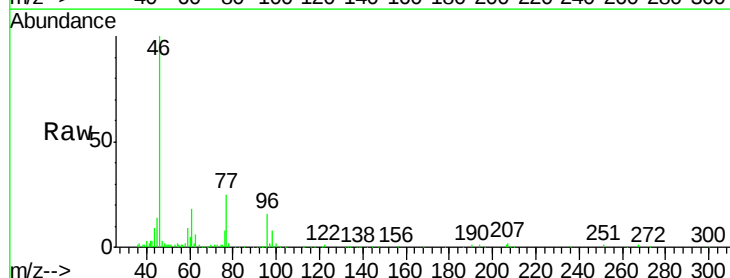
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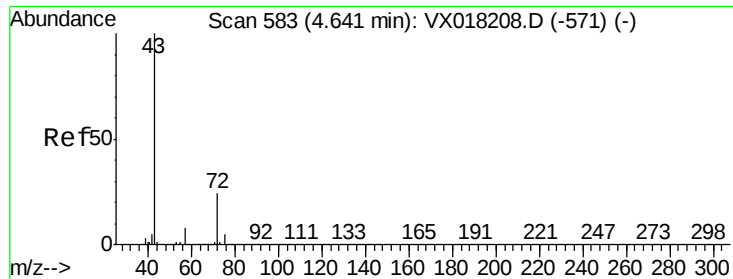
MMDadoda
 9/3/2020 9:53:46 AM



#20
 cis-1,2-Dichloroethene
 Concen: 2.081 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	104.5	88.0	163.4
68	5.0	0.1	0.1#





#22

2-Butanone

Concen: 4.749 ug/L

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 43 Resp: 16405

Ion Ratio Lower Upper

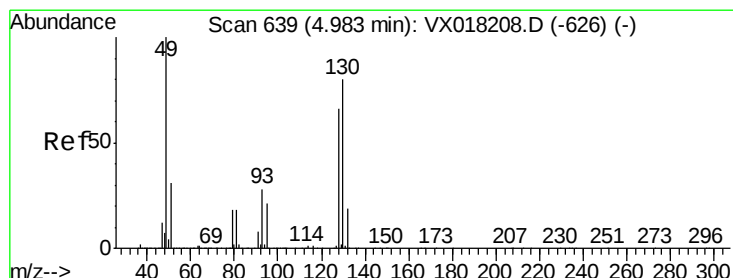
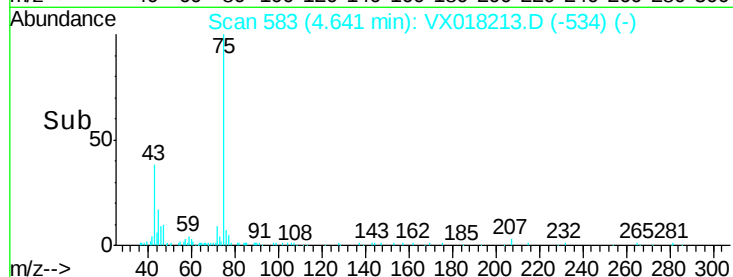
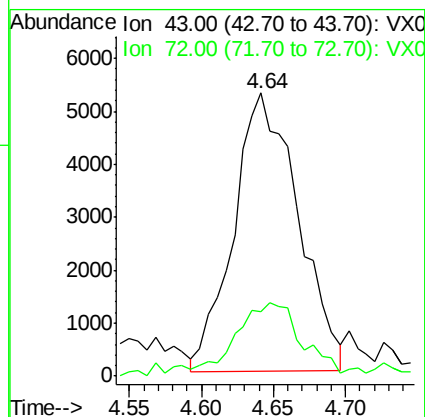
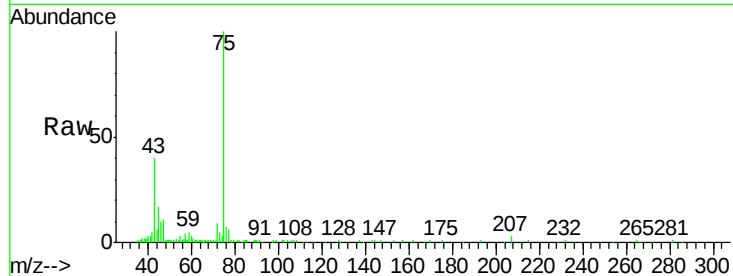
43 100

72 23.1 12.7 38.1

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#23

Bromochloromethane

Concen: 2.124 ug/L

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Tgt Ion: 128 Resp: 5930

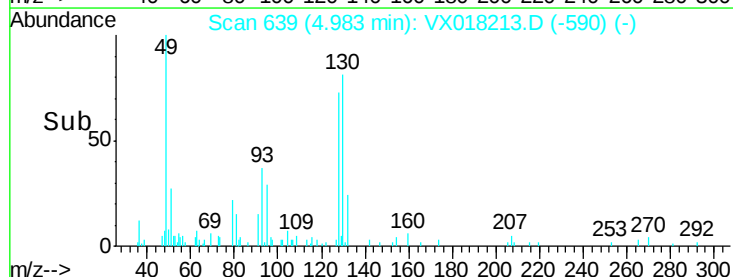
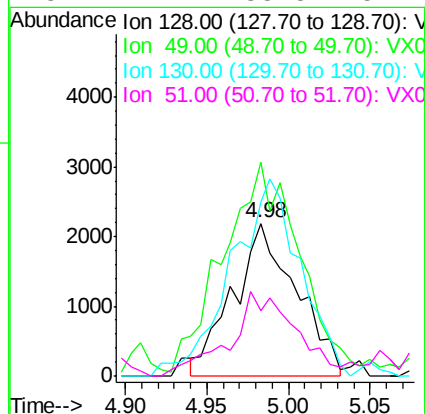
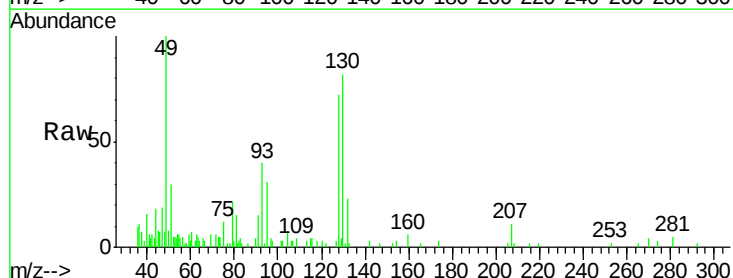
Ion Ratio Lower Upper

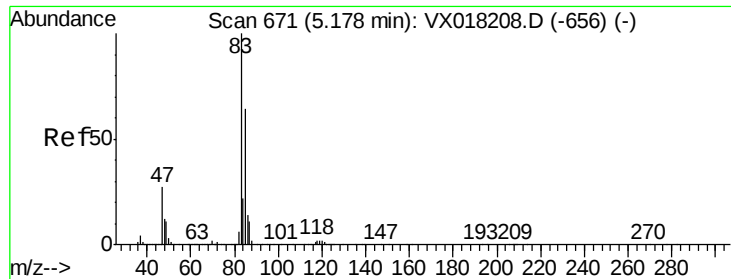
128 100

49 139.6 106.8 198.4

130 114.0 85.3 158.5

51 42.4 38.5 57.7





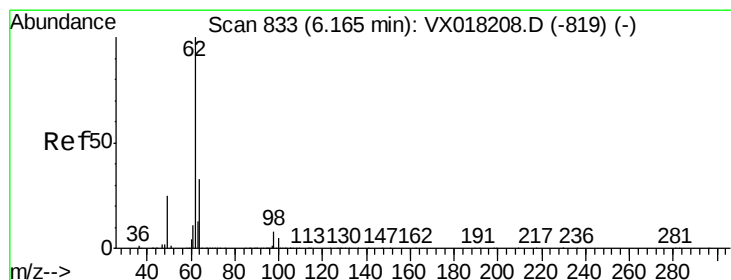
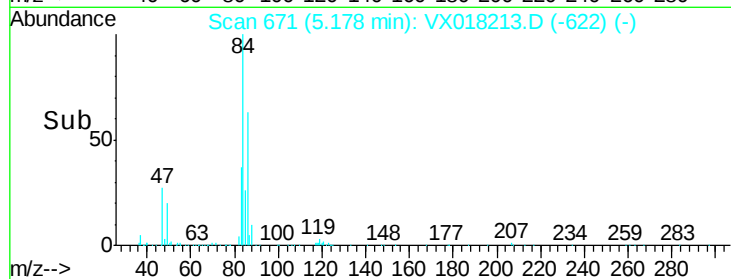
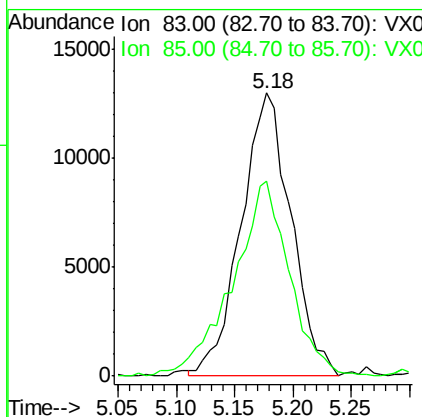
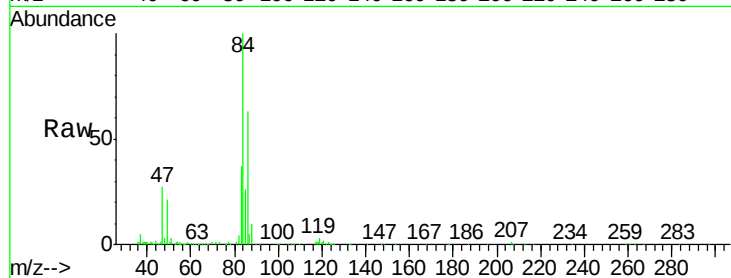
#25
Chloroform
Concen: 3.894 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	83	Resp	38970
Ion Ratio	100	Lower	Upper
85	68.8	44.7	83.1

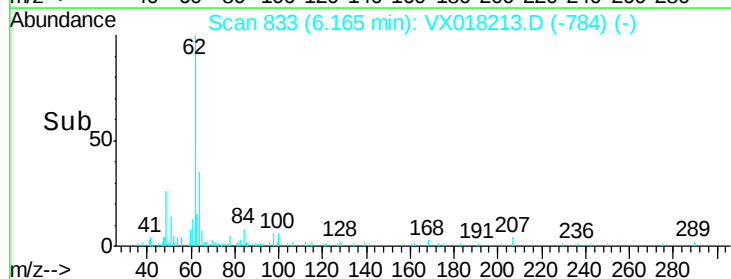
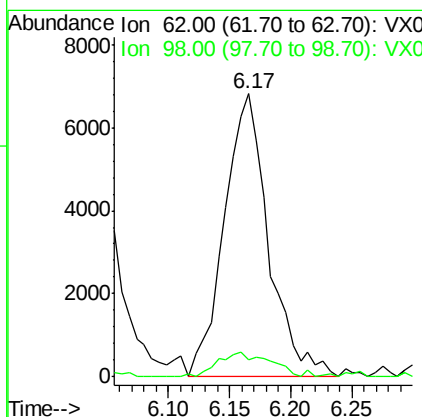
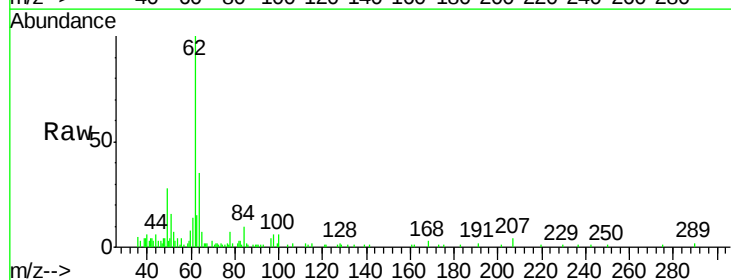
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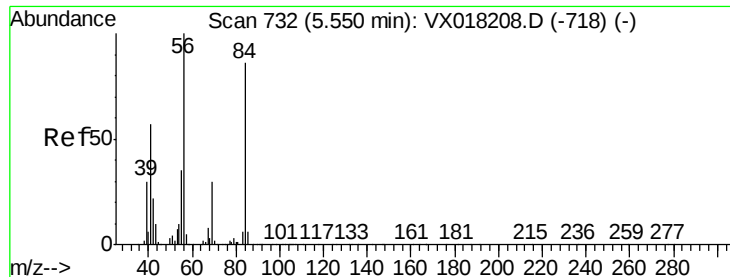
MMDadoda
9/3/2020 9:53:46 AM



#27
1,2-Dichloroethane
Concen: 2.254 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	62	Resp	17092
Ion Ratio	100	Lower	Upper
98	6.0	6.6	9.8#





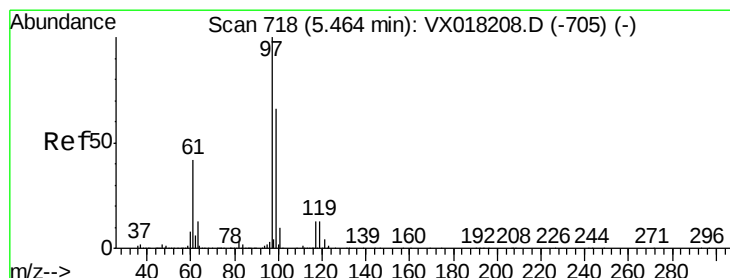
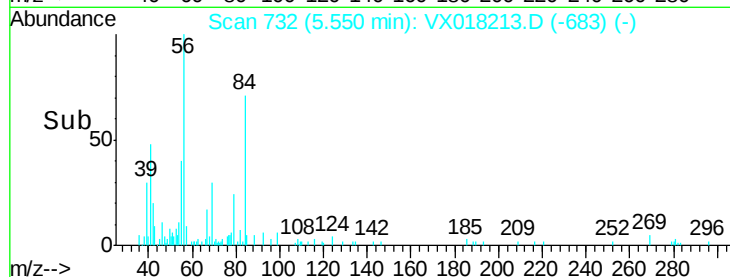
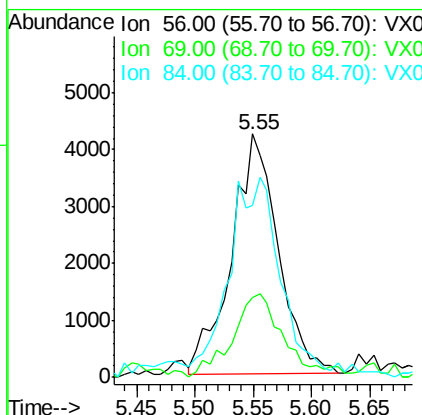
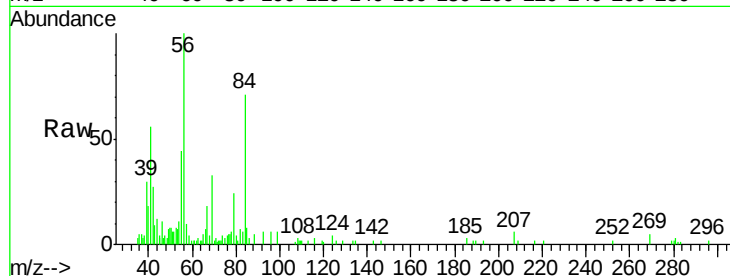
#29
Cyclohexane
Concen: 1.665 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	25.4	38.2
84	51.0	69.8	104.8#

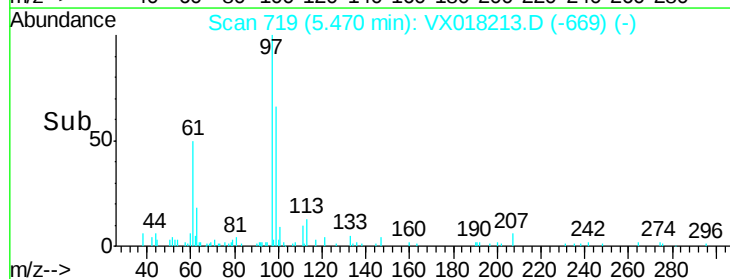
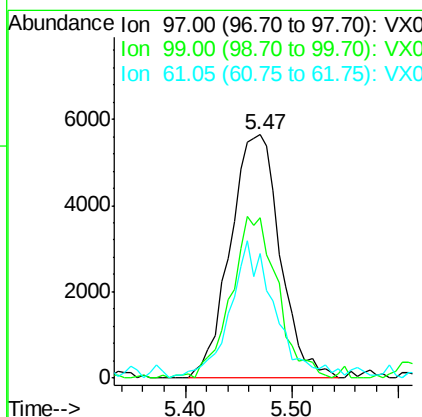
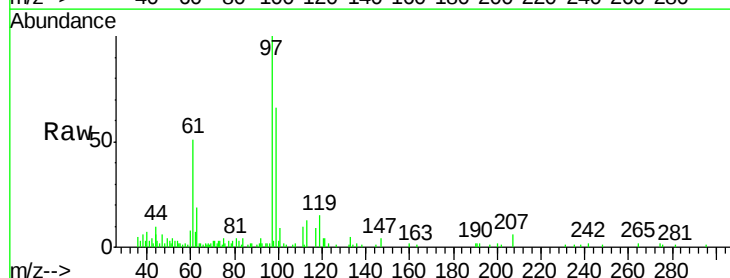
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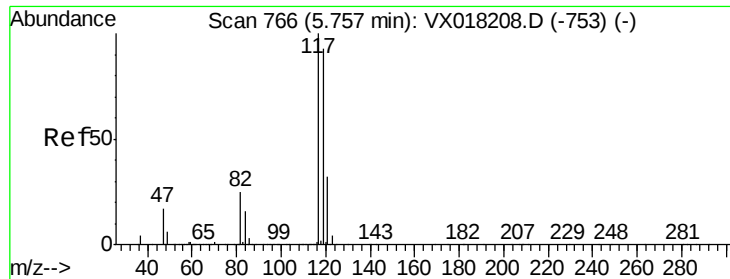
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#30
1,1,1-Trichloroethane
Concen: 2.100 ug/L
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	59.7	51.7	77.5
61	46.6	33.8	50.6





#31

Carbon tetrachloride

Concen: 1.916 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion:117 Resp: 15378

Ion Ratio Lower Upper

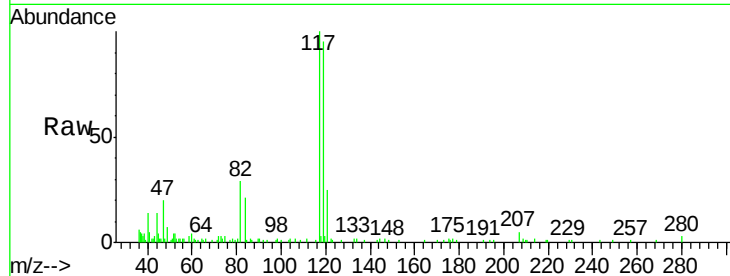
117 100

119 92.9 76.8 115.2

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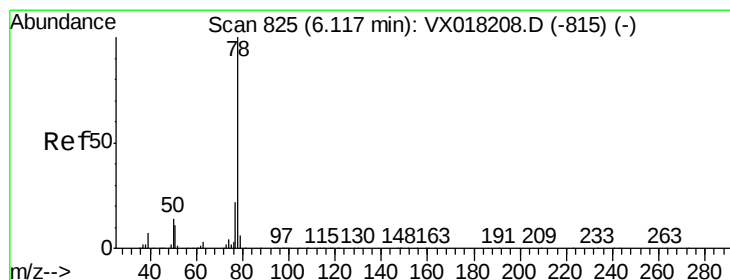
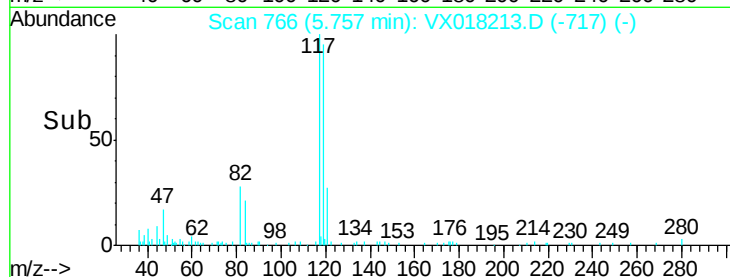
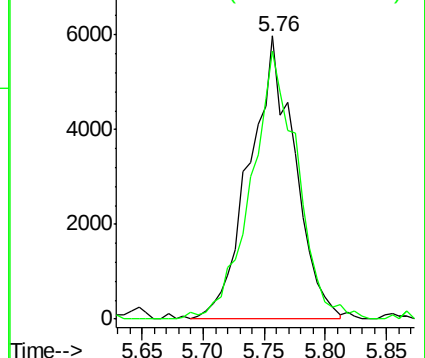
MMDadoda

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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 2.021 ug/L

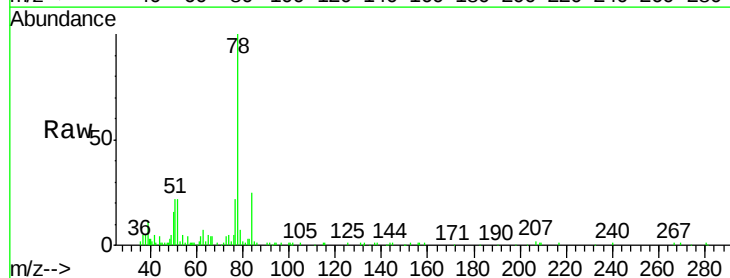
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

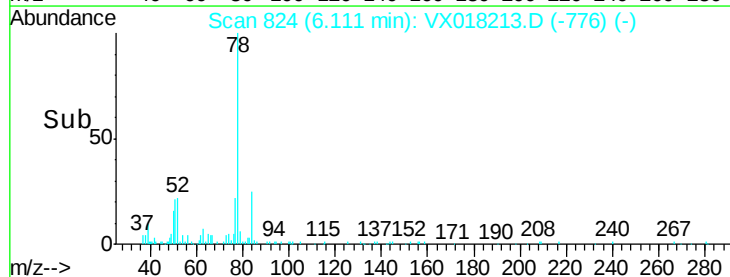
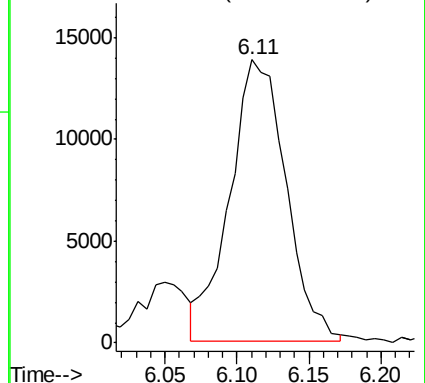
Lab File: VX018213.D

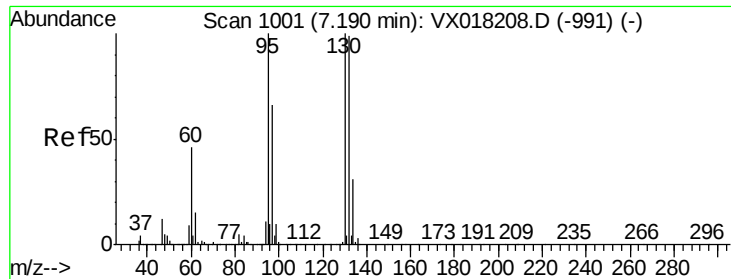
Acq: 02 Sep 2020 14:20

Tgt Ion: 78 Resp: 37543



Abundance Ion 78.00 (77.70 to 78.70): VX0





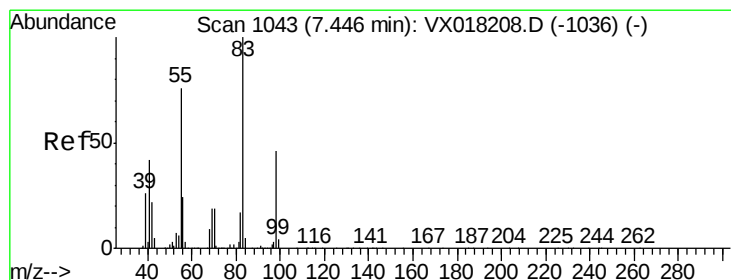
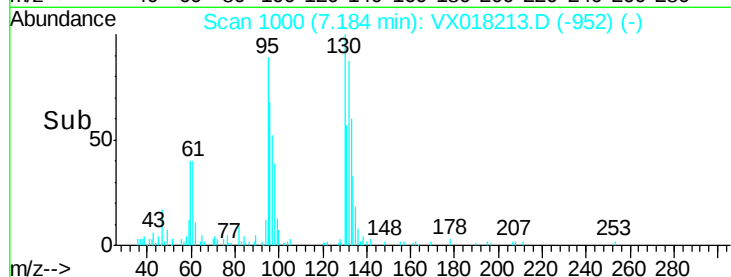
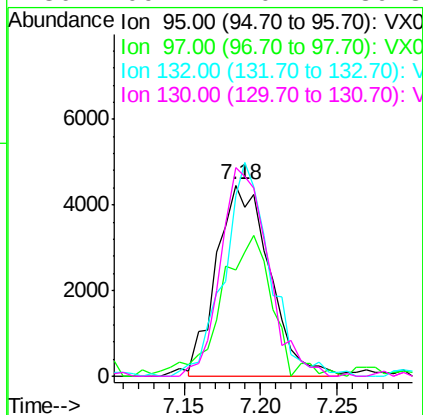
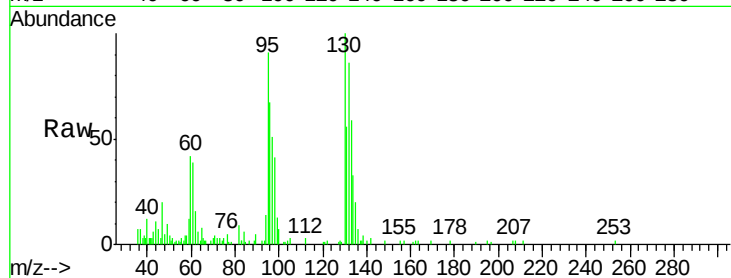
#34
 Trichloroethene
 Concen: 2.058 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	10728		
97	55.9		46.2	85.8
132	94.7		69.2	128.4
130	109.7		70.1	130.3

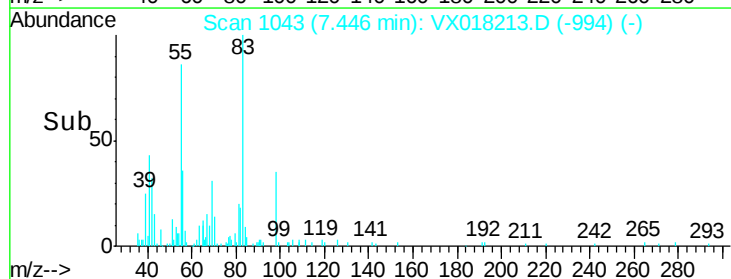
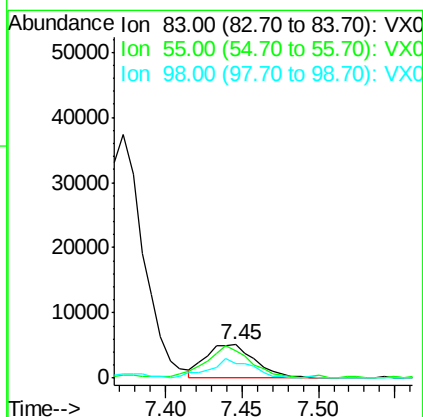
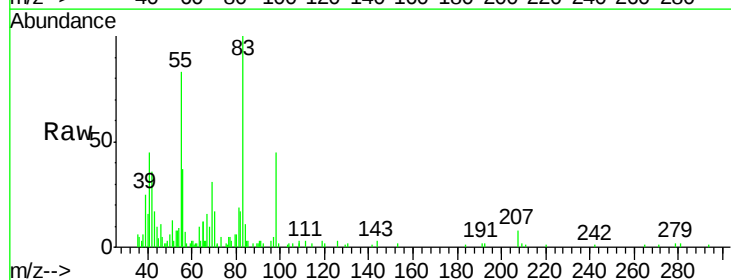
Manual Integrations
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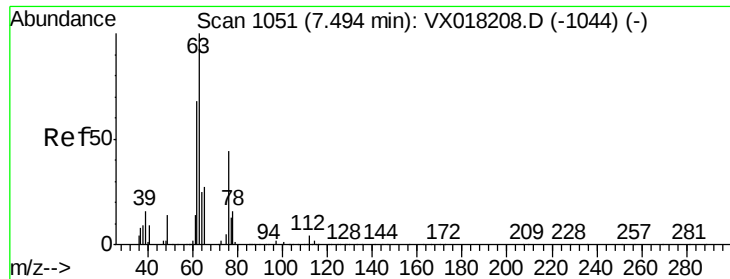
MMDadoda
 9/3/2020 9:53:46 AM



#35
 Methylcyclohexane
 Concen: 1.615 ug/L
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	11701		
55	83.3		62.6	94.0
98	49.7		37.1	55.7





#37

1,2-Dichloropropane

Concen: 2.088 ug/L m

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 63 Resp: 10272

Ion Ratio Lower Upper

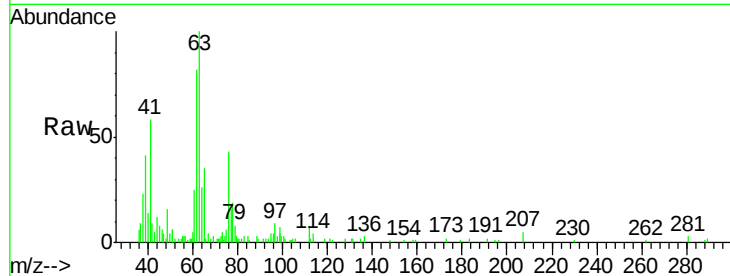
63 100

112 0.2 3.6 5.4#

Manual Integrations
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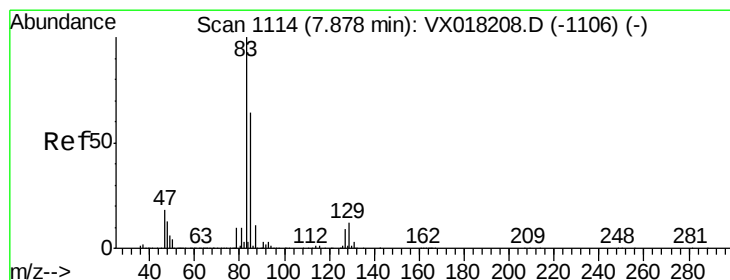
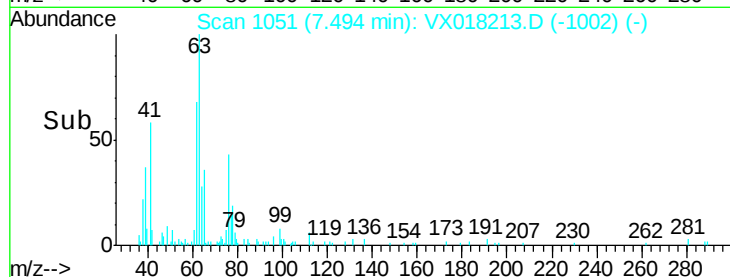
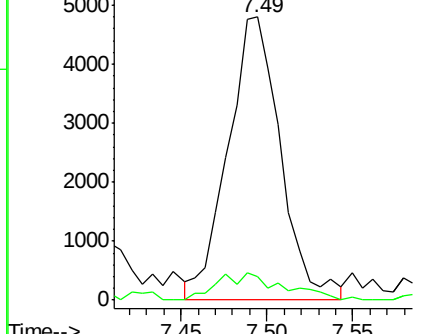
MMDadoda

9/3/2020 9:53:46 AM



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 2.135 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

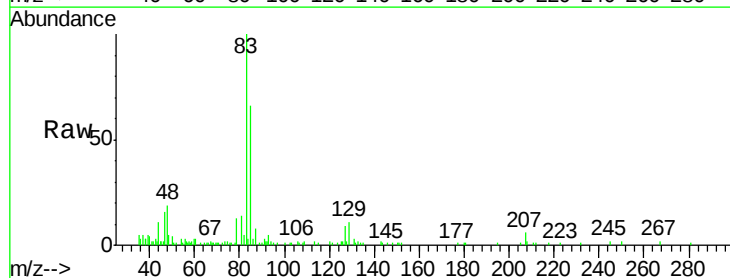
Tgt Ion: 83 Resp: 14955

Ion Ratio Lower Upper

83 100

85 65.9 44.5 82.7

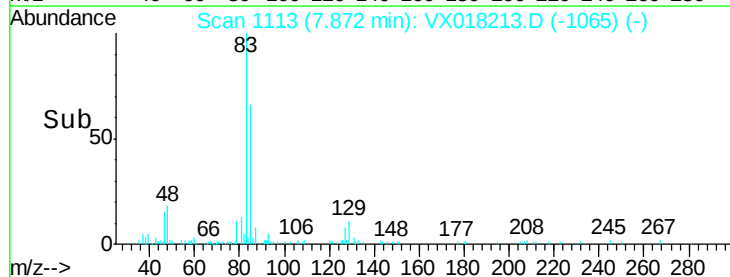
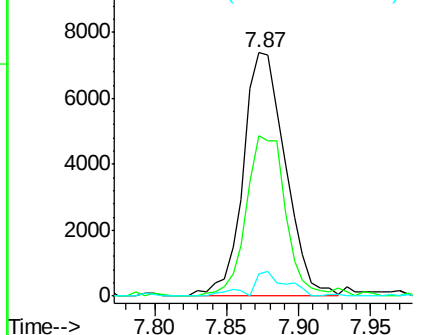
127 8.9 7.4 11.2

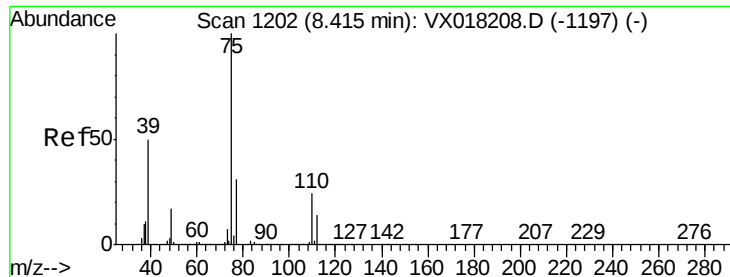


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#39

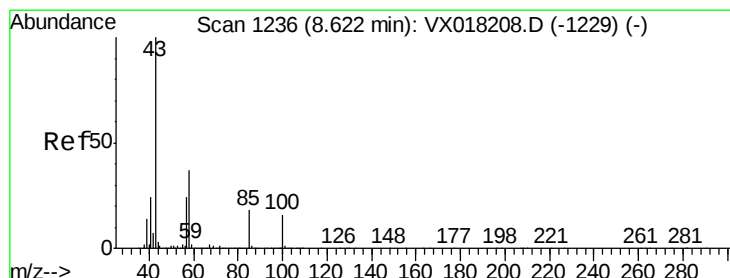
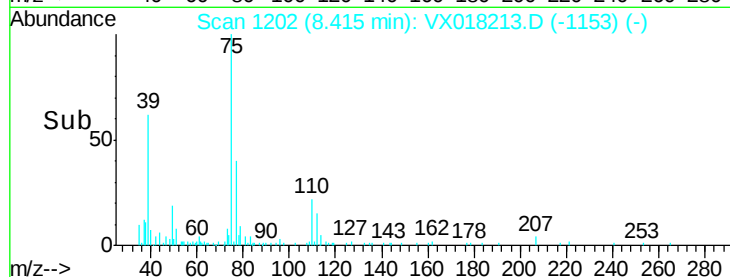
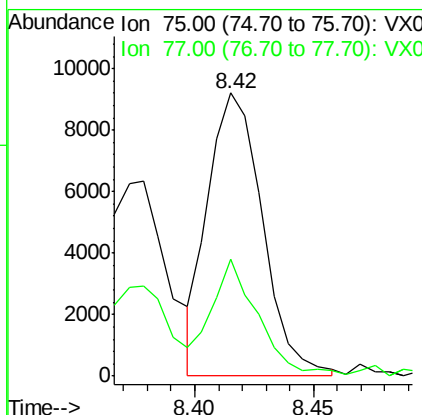
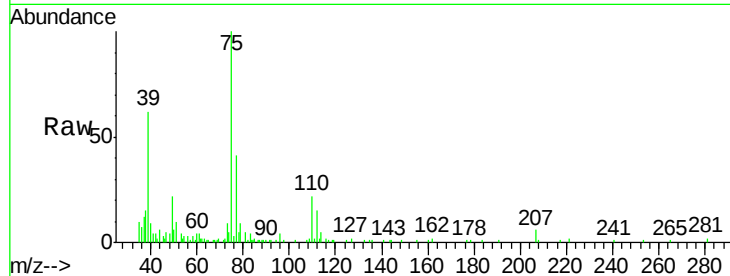
cis-1,3-Dichloropropene
Concen: 1.928 ug/L m
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion: 75 Resp: 14787
Ion Ratio Lower Upper
75 100
77 41.3 21.7 40.3#

Manual Integrations
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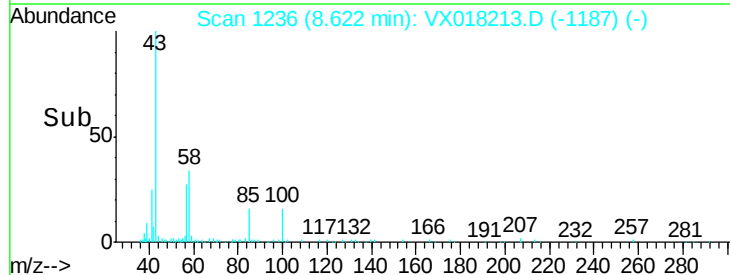
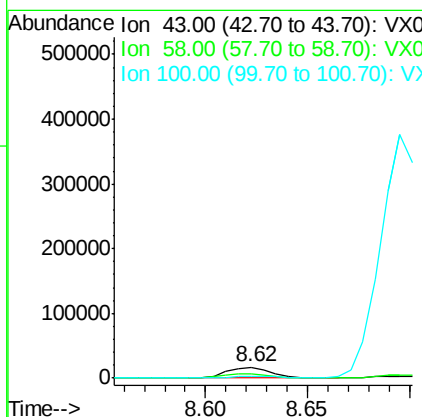
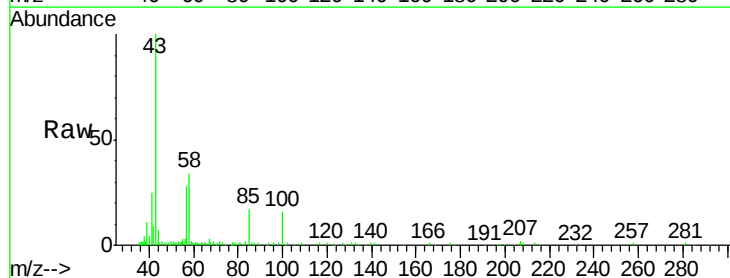
MMDadoda
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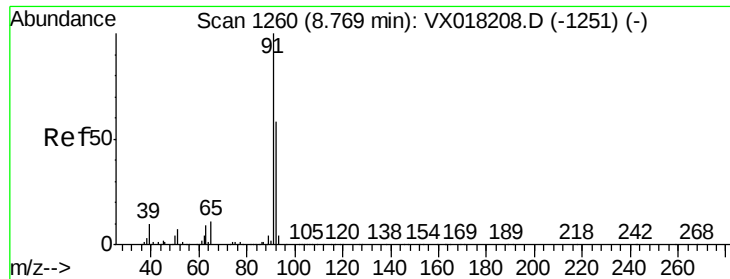


#40

4-Methyl-2-pentanone
Concen: 3.914 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion: 43 Resp: 26104
Ion Ratio Lower Upper
43 100
58 40.3 30.3 45.5
100 18.1 11.9 17.9#





#42

Toluene

Concen: 1.916 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 91 Resp: 38191

Ion Ratio Lower Upper

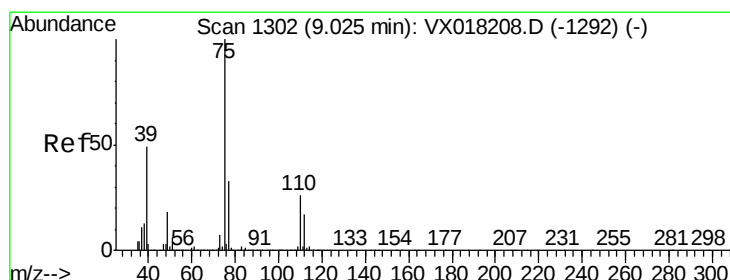
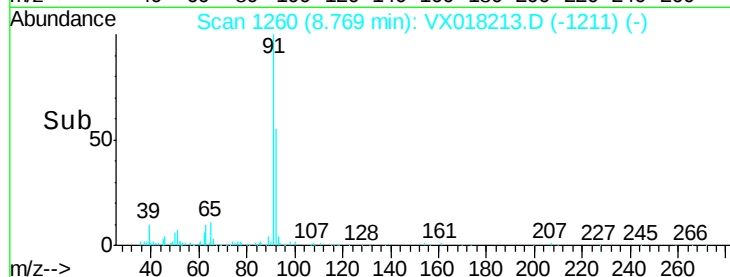
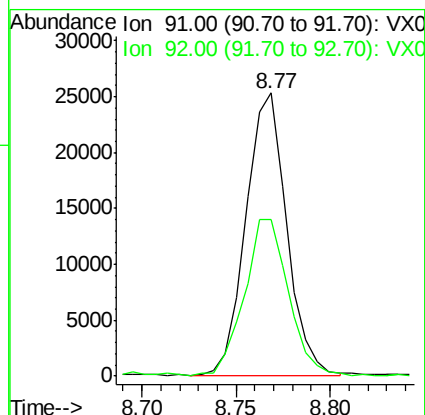
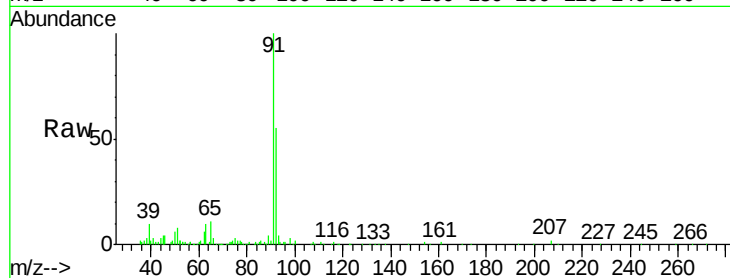
91 100

92 55.2 40.9 75.9

Manual Integrations
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#44

trans-1,3-Dichloropropene

Concen: 1.890 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018213.D

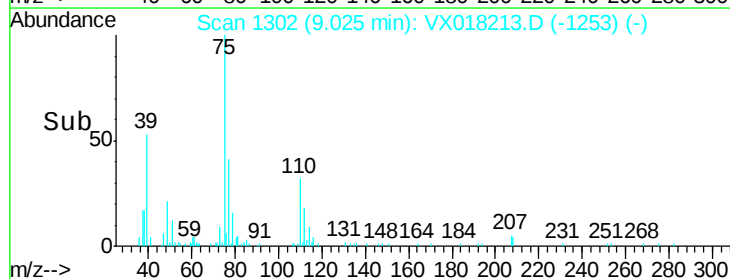
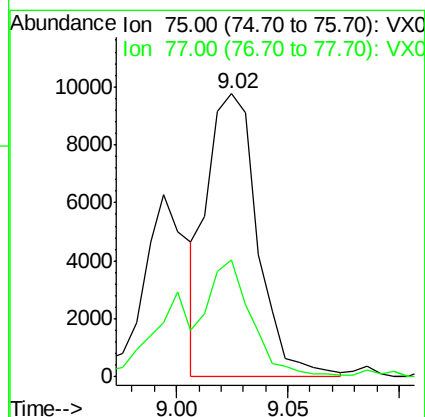
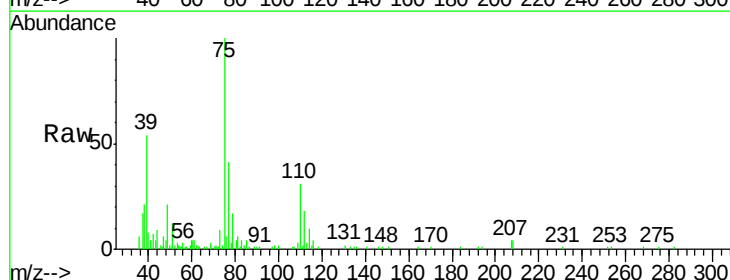
Acq: 02 Sep 2020 14:20

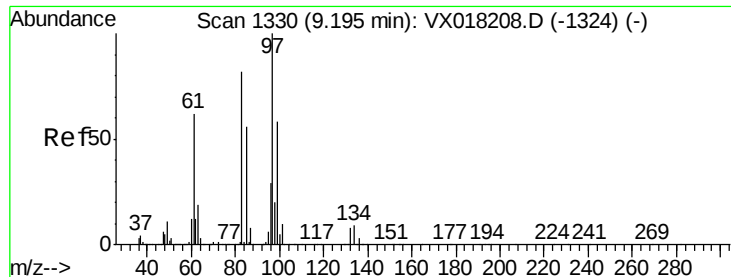
Tgt Ion: 75 Resp: 15250

Ion Ratio Lower Upper

75 100

77 41.2 23.2 43.0





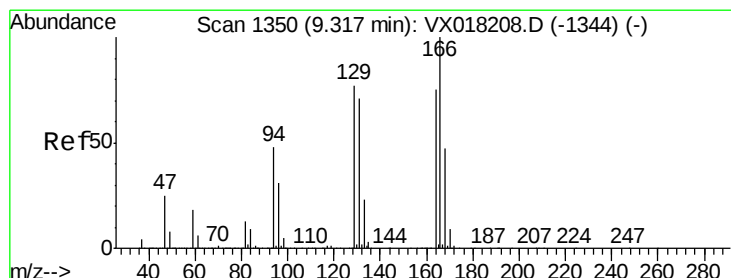
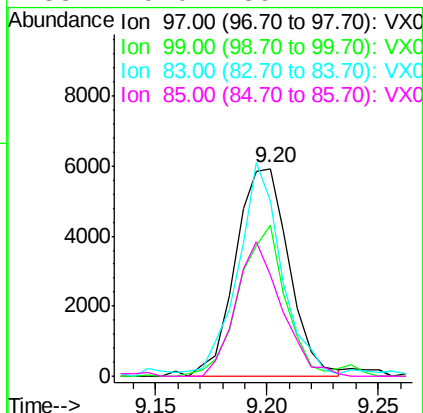
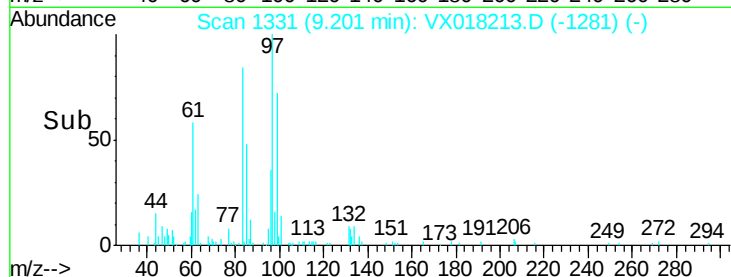
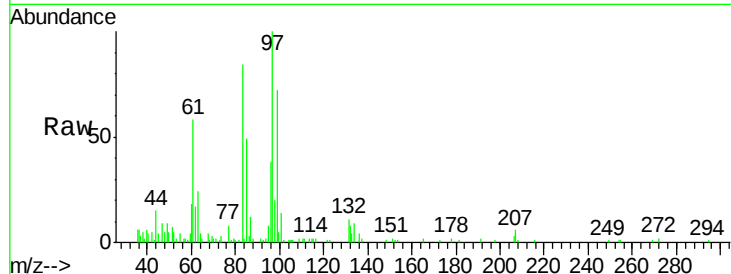
#45
1,1,2-Trichloroethane
Concen: 2.005 ug/L
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion:	97	Resp:	9898
Ion	Ratio	Lower	Upper
97	100		
99	72.4	40.3	74.9
83	84.2	57.7	107.1
85	49.0	39.1	72.7

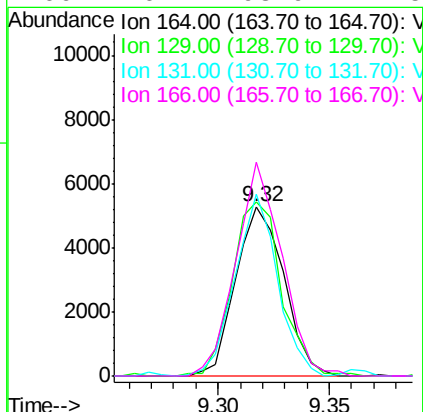
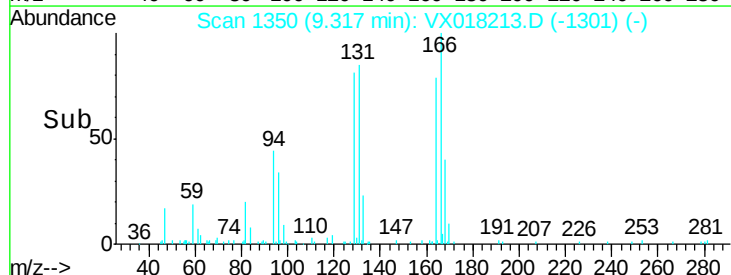
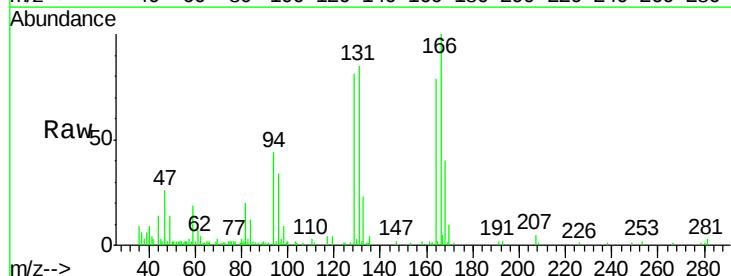
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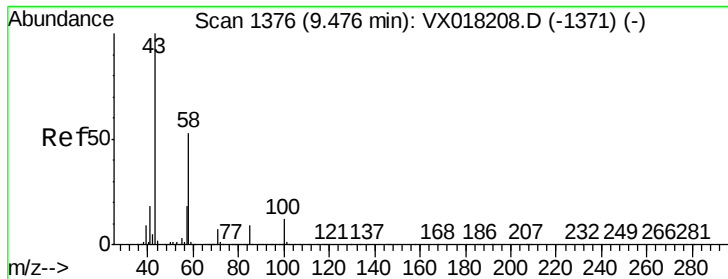
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#46
Tetrachloroethene
Concen: 1.917 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion:	164	Resp:	7965
Ion	Ratio	Lower	Upper
164	100		
129	102.8	72.0	133.6
131	107.3	66.8	124.2
166	126.2	93.9	174.5





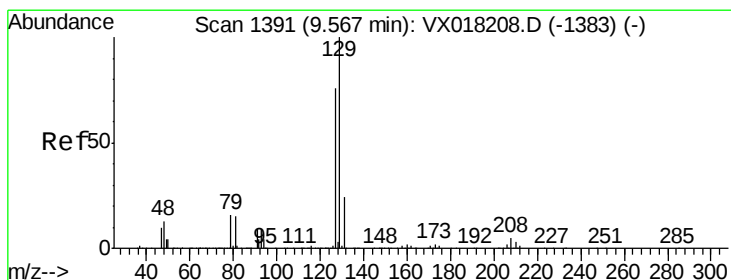
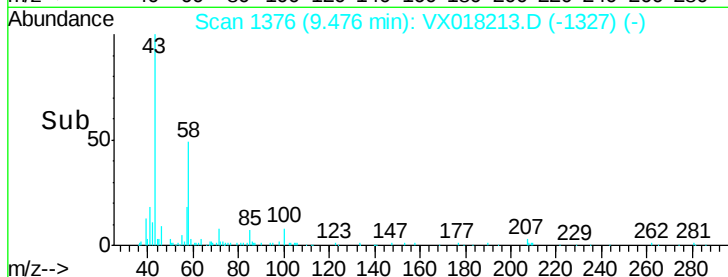
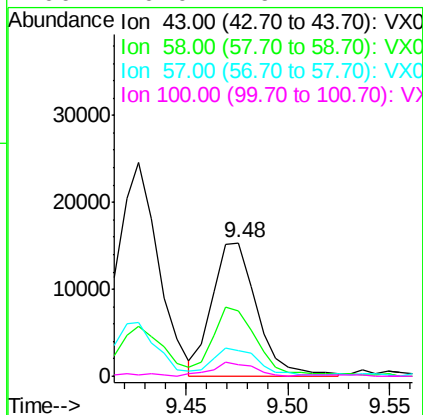
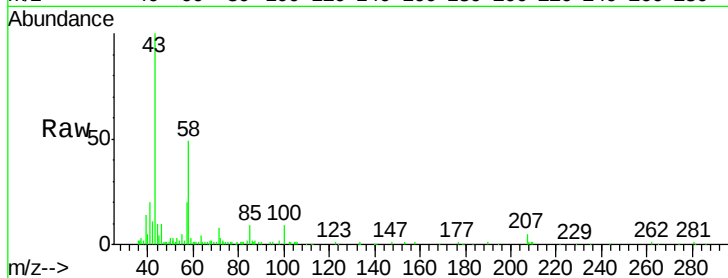
#48
2-Hexanone
Concen: 4.323 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.1	41.8	62.8
57	21.3	15.2	22.8
100	10.0	9.4	14.2

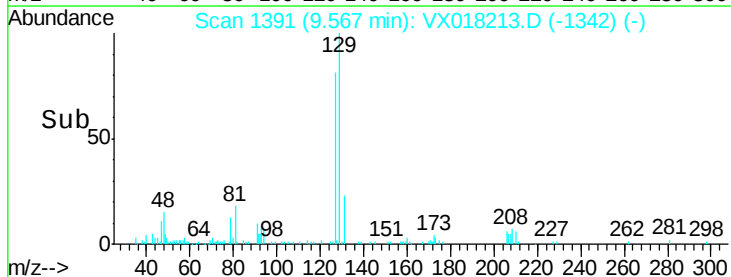
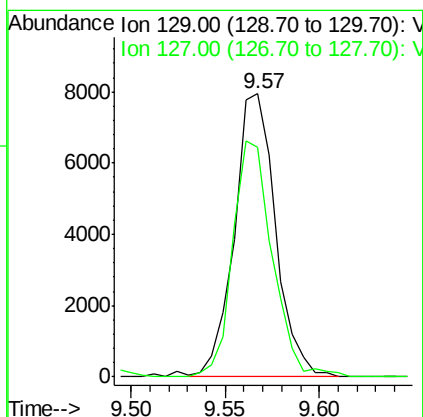
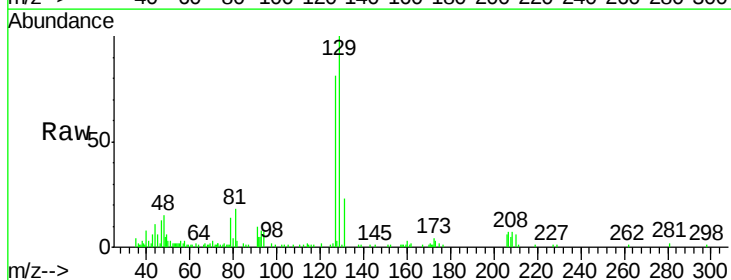
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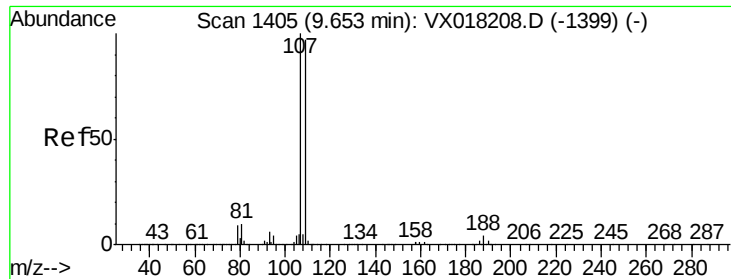
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#49
Dibromochloromethane
Concen: 1.994 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	81.2	53.1	98.5





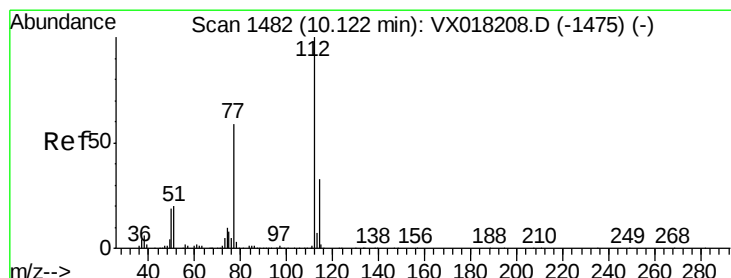
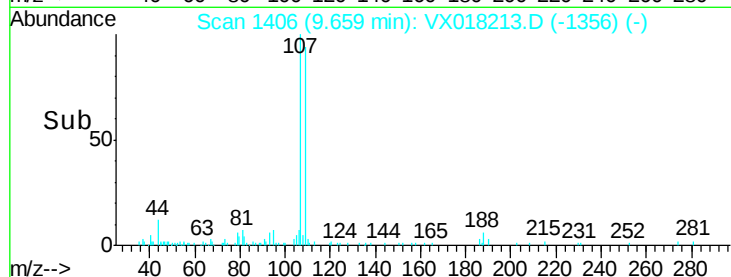
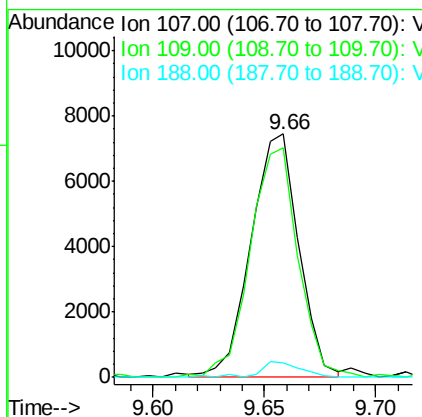
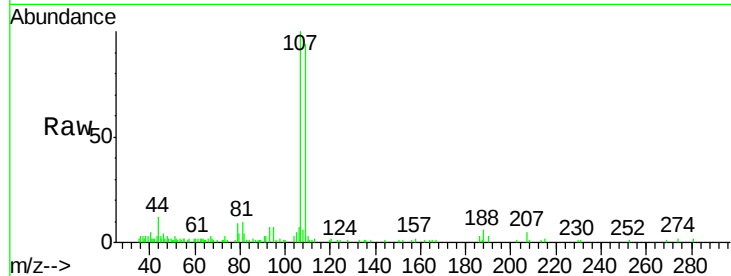
#50
1,2-Dibromoethane
Concen: 2.133 ug/L
RT: 9.66 min Scan# 1406
Delta R.T. 0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	11152		
109	94.3	68.0	126.2	
188	5.7	2.8	4.2#	

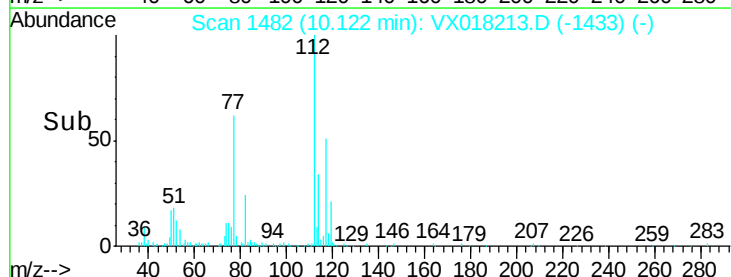
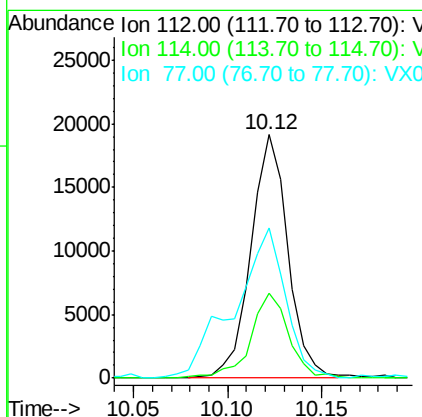
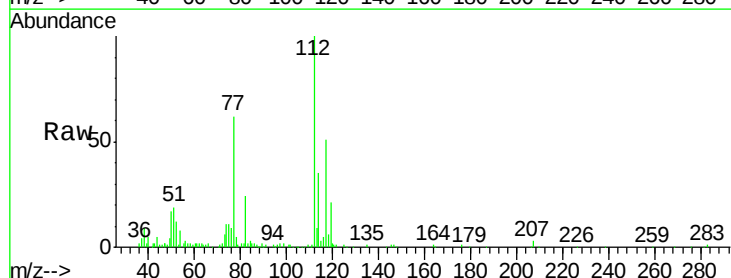
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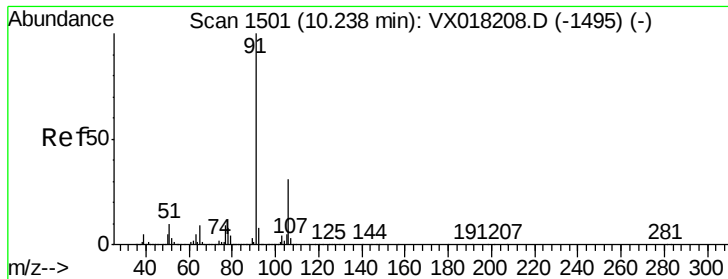
MMDadoda
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#51
Chlorobenzene
Concen: 1.920 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	26066		
114	34.7	23.2	43.2	
77	61.6	47.0	70.6	





#52

Ethylbenzene

Concen: 1.777 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 91 Resp: 39494

Ion Ratio Lower Upper

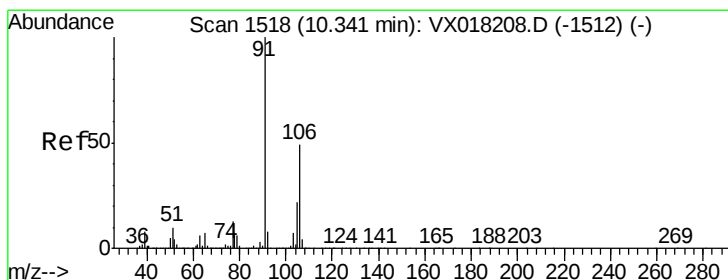
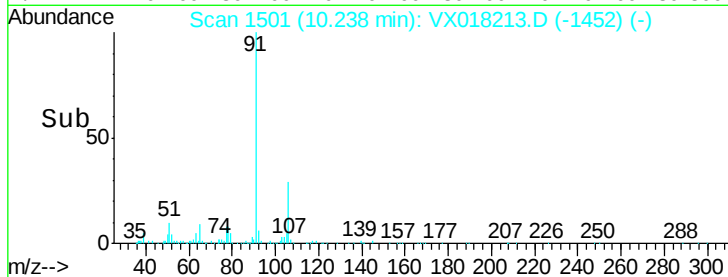
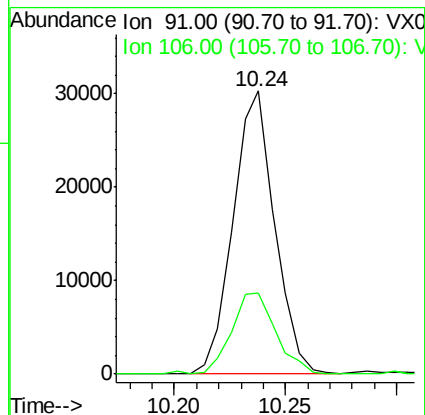
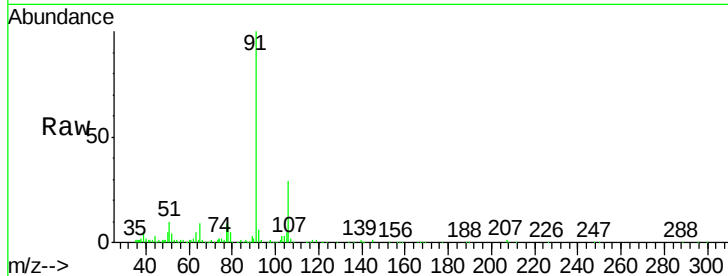
91 100

106 28.7 21.9 40.7

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#53

m,p-Xylene

Concen: 1.626 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018213.D

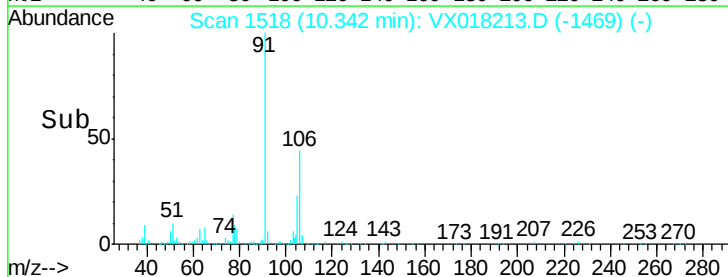
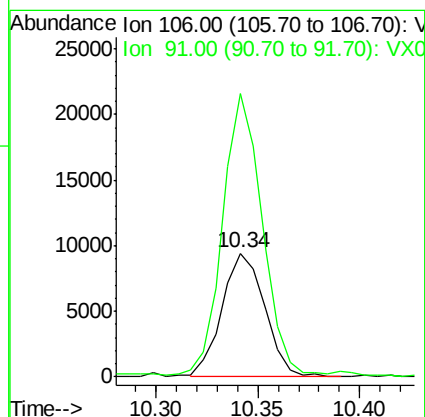
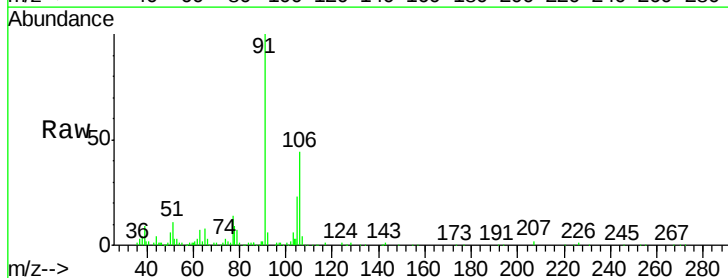
Acq: 02 Sep 2020 14:20

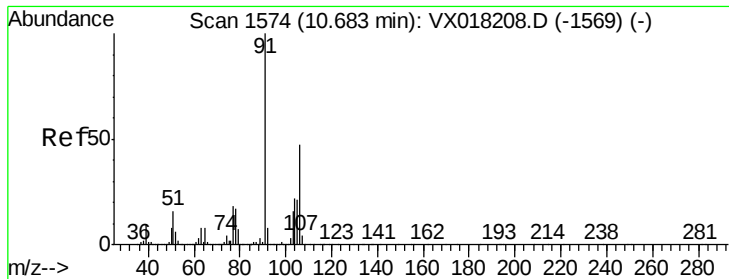
Tgt Ion: 106 Resp: 13805

Ion Ratio Lower Upper

106 100

91 229.2 142.2 264.2





#54

o-xylene

Concen: 1.640 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion:106 Resp: 13291

Ion Ratio Lower Upper

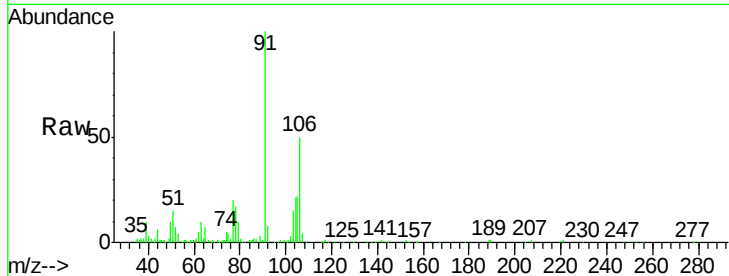
106 100

91 201.5 150.3 279.1

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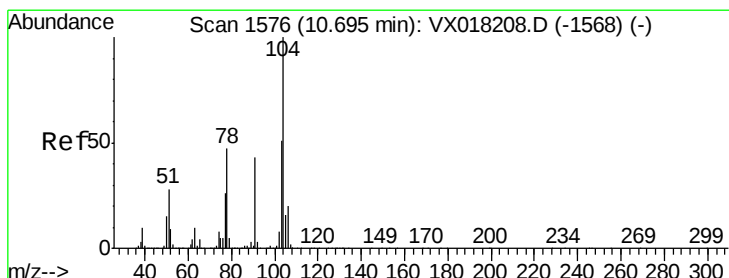
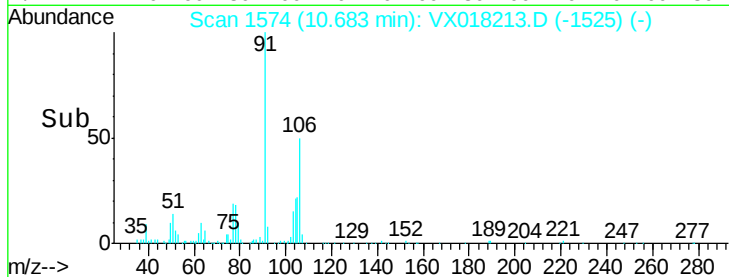
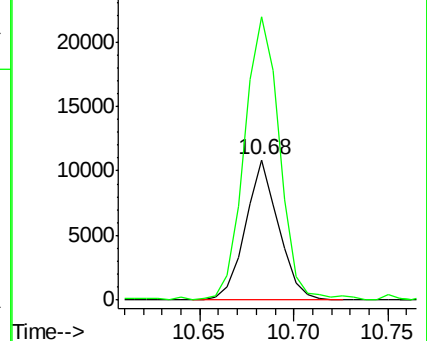
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 1.479 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018213.D

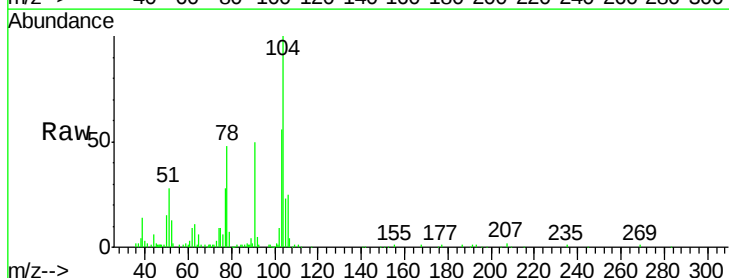
Acq: 02 Sep 2020 14:20

Tgt Ion:104 Resp: 20701

Ion Ratio Lower Upper

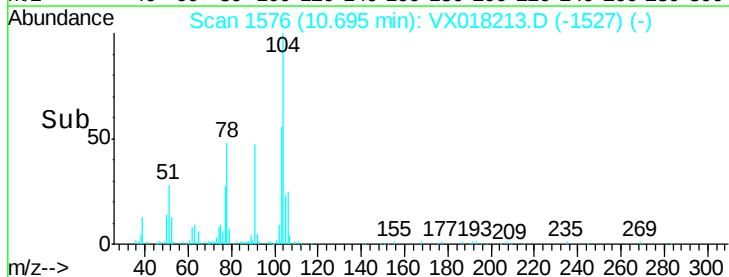
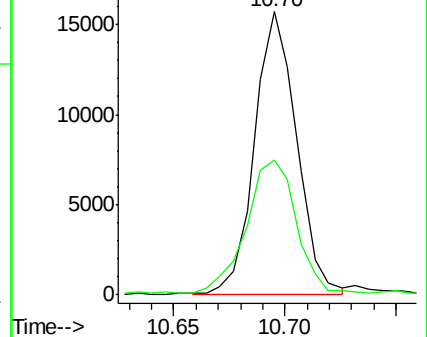
104 100

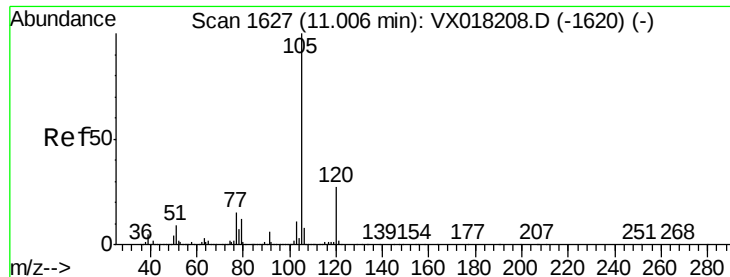
78 47.7 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#56

Isopropylbenzene

Concen: 1.510 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

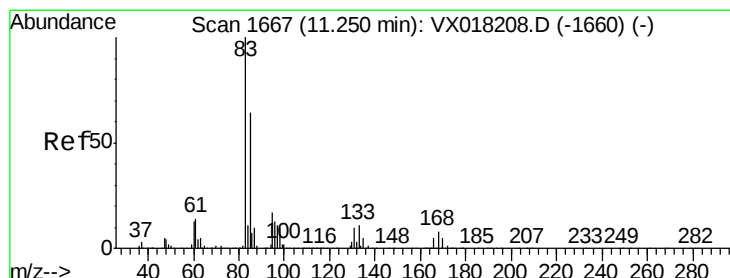
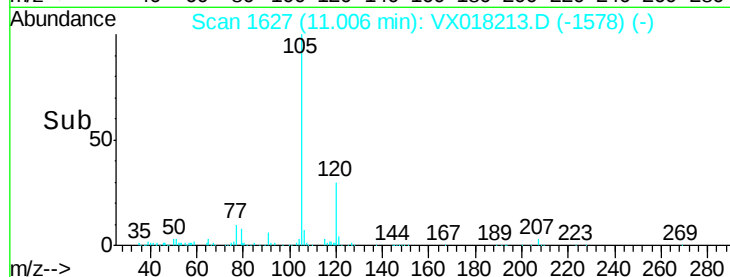
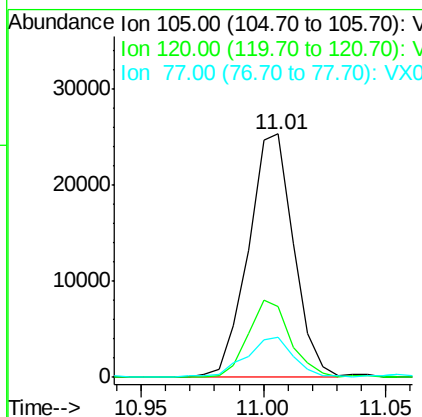
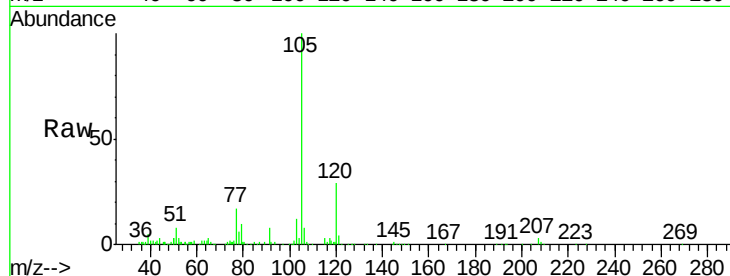
ClientSampleId :

MDL01

Tot Ion:	105	Resp:	32735
Ion Ratio	Lower	Upper	
105	100		
120	29.4	21.3	31.9
77	16.2	12.7	19.1

Manual Integrations
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9/3/2020 9:53:46 AM



#58

1,1,2,2-Tetrachloroethane

Concen: 2.283 ug/L

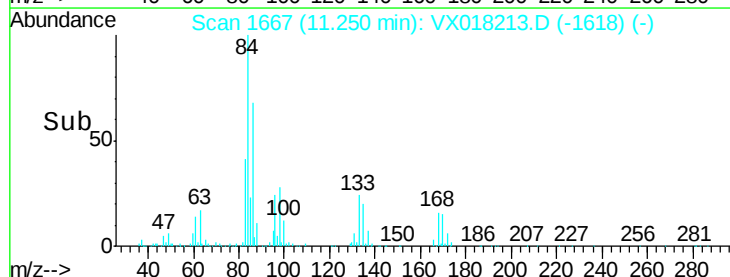
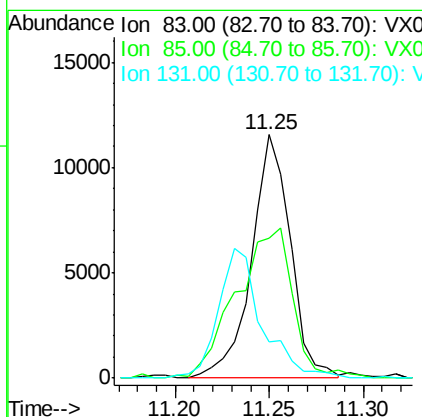
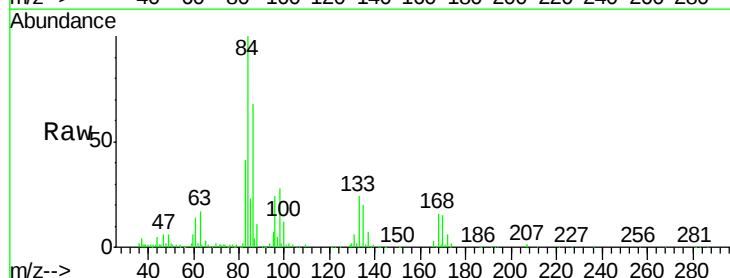
RT: 11.25 min Scan# 1667

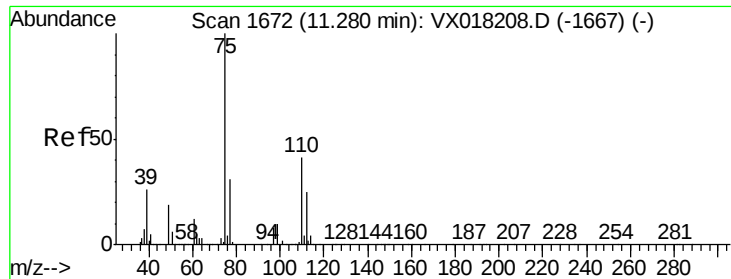
Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Tgt Ion:	83	Resp:	16551
Ion Ratio	Lower	Upper	
83	100		
85	57.3	44.6	82.8
131	14.7	8.0	12.0#





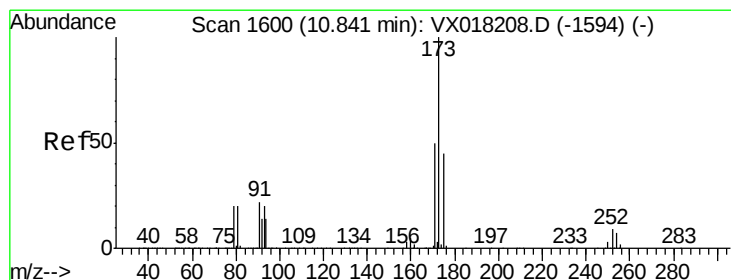
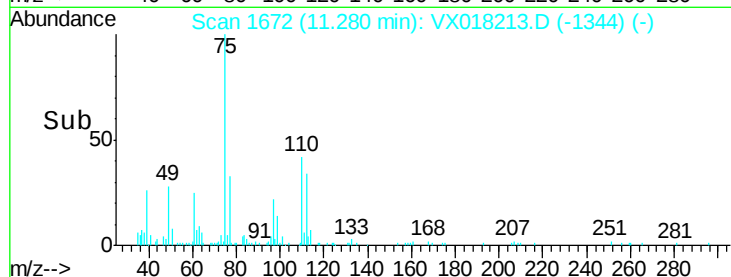
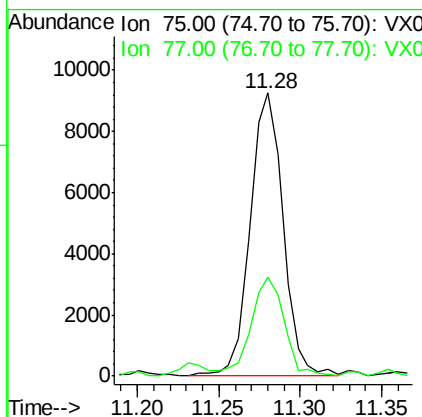
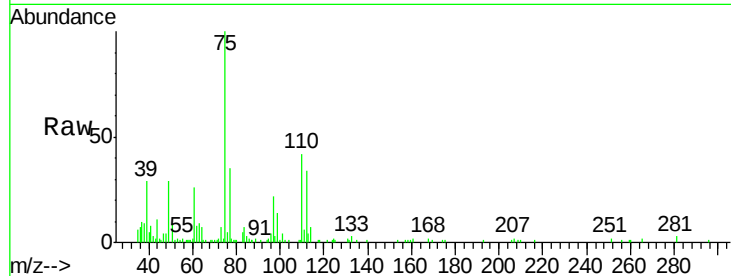
#59
 1,2,3-Trichloropropane
 Concen: 2.082 ug/L
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.8	38.8

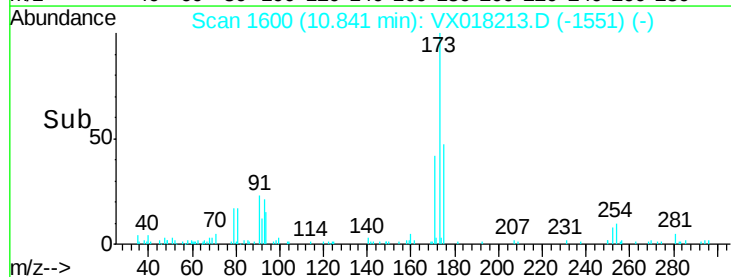
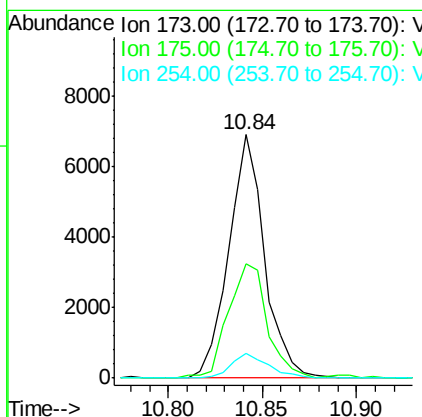
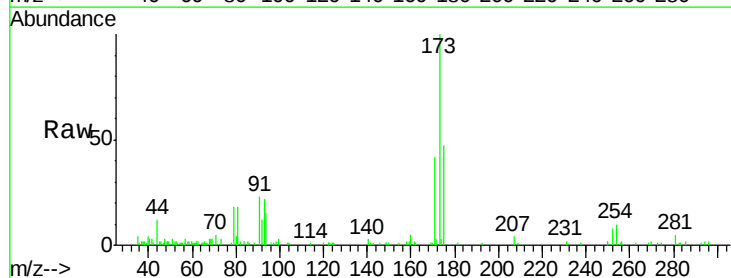
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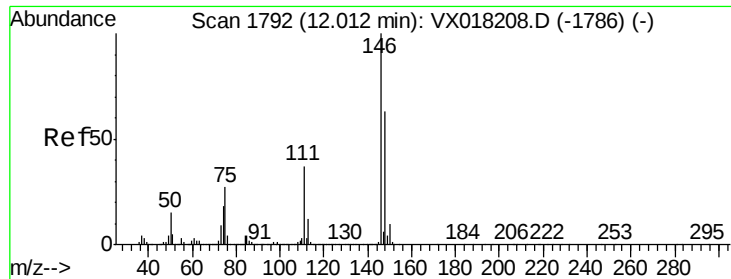
MMDadoda
 9/3/2020 9:53:46 AM



#61
 Bromoform
 Concen: 2.215 ug/L
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.5	37.9	56.9
254	10.8	6.6	10.0





#62

1,3-Dichlorobenzene

Concen: 1.784 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

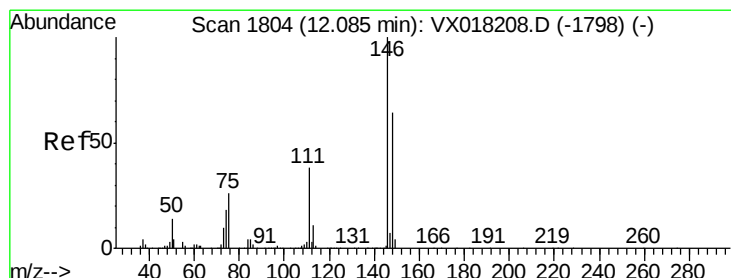
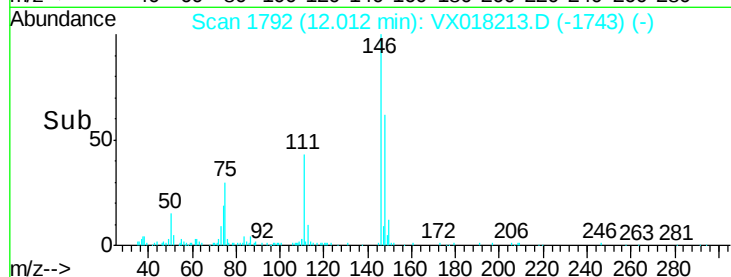
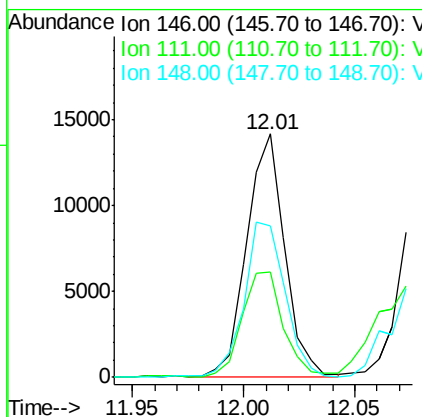
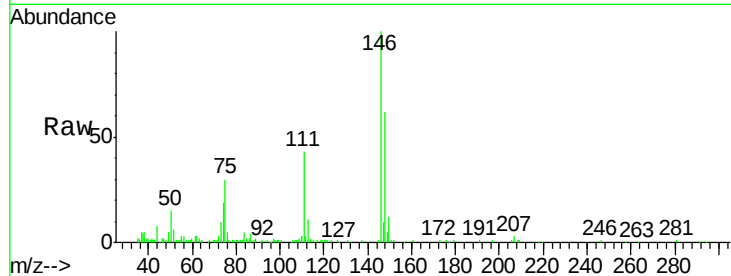
ClientSampleId :

MDL01

Tot Ion:	146	Resp:	16913
Ion Ratio	Lower	Upper	
146	100		
111	43.3	26.2	48.6
148	62.1	44.2	82.2

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#63

1,4-Dichlorobenzene

Concen: 2.083 ug/L

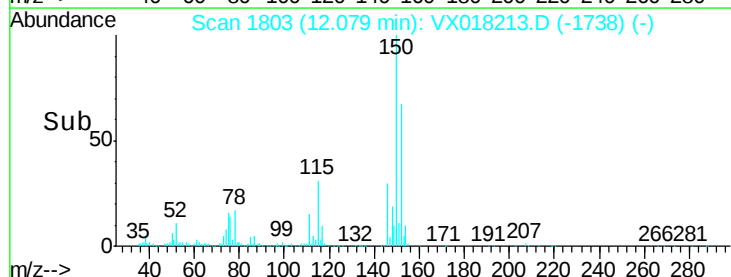
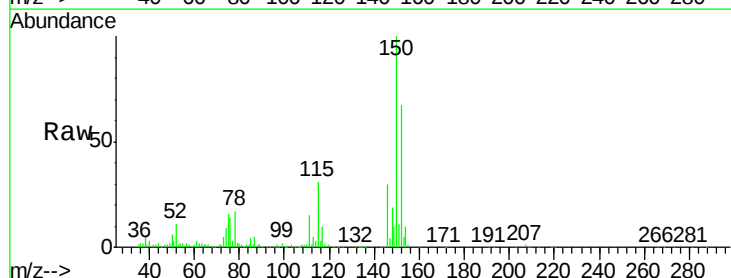
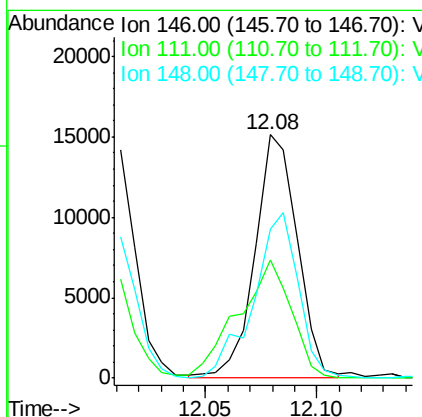
RT: 12.08 min Scan# 1803

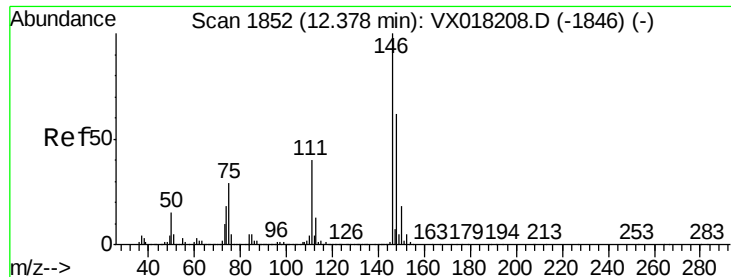
Delta R.T. -0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Tgt Ion:	146	Resp:	20095
Ion Ratio	Lower	Upper	
146	100		
111	48.8	26.5	49.1
148	61.2	44.5	82.7





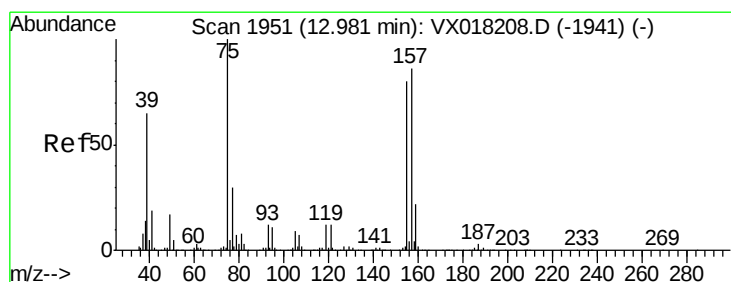
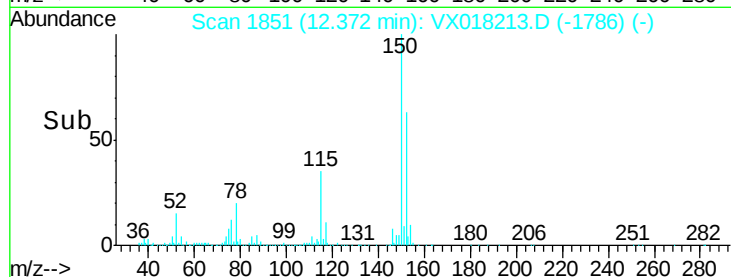
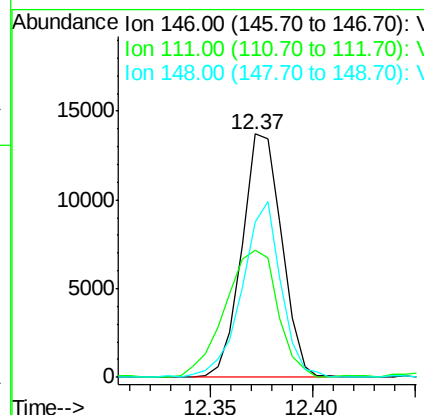
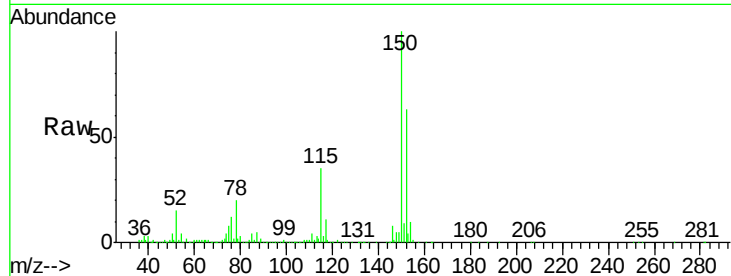
#65
 1,2-Dichlorobenzene
 Concen: 2.043 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.4	32.4	48.6#
148	63.5	49.7	74.5

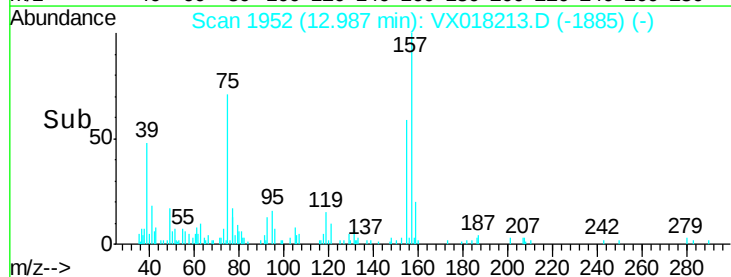
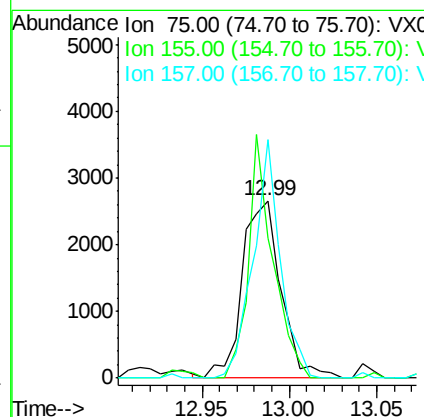
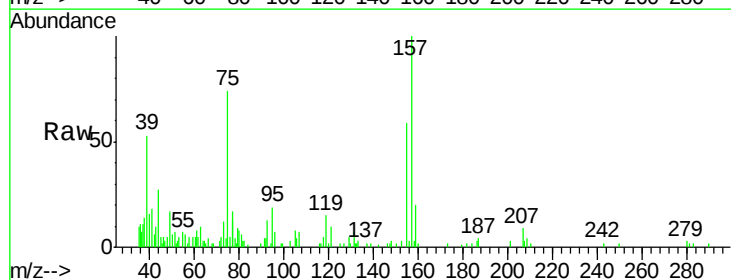
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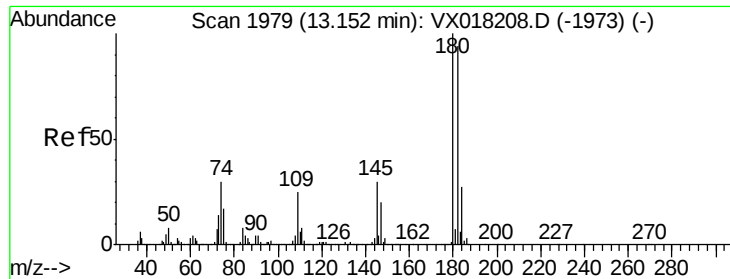
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#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.394 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	63.8	95.8
157	134.3	68.5	102.7#





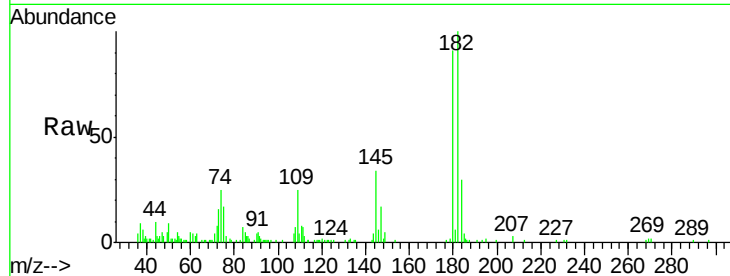
#67
 1,3,5-Trichlorobenzene
 Concen: 1.817 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	11237		
182	100.5	77.1	115.7	
184	30.0	23.8	35.6	
145	36.1	24.4	36.6	

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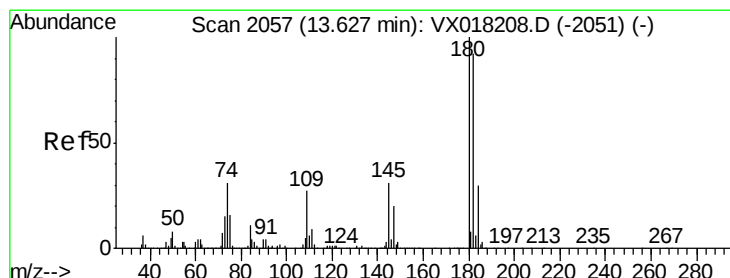
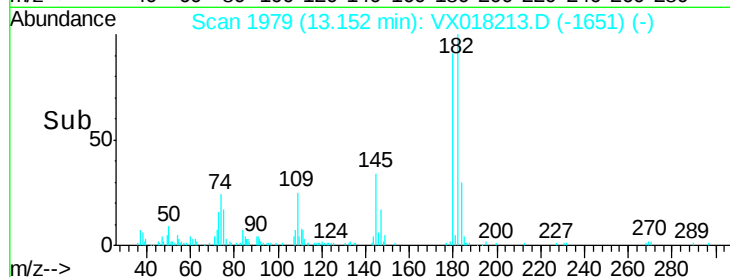
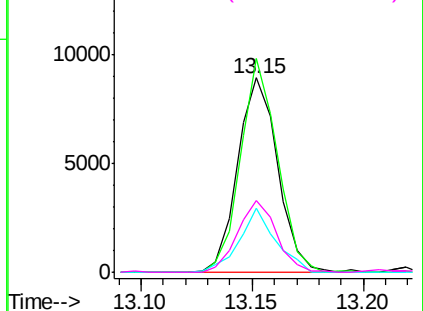


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

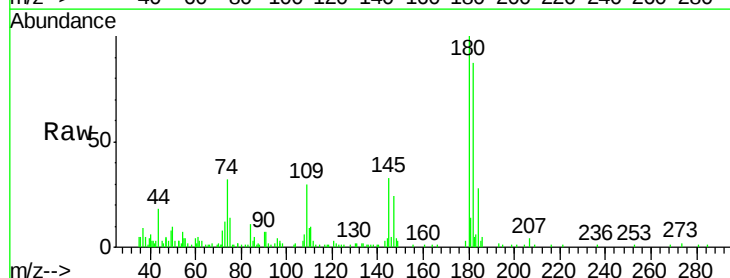
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.812 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 14:20

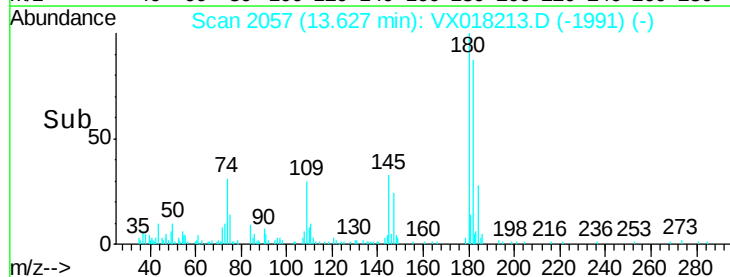
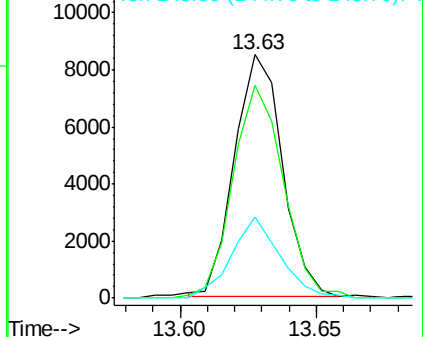
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	10343		
182	92.7	74.1	111.1	
145	34.3	25.0	37.4	

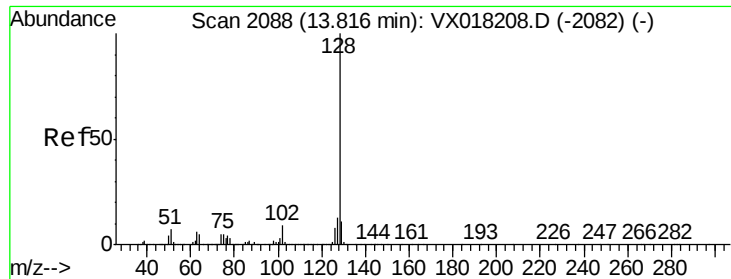


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 1.668 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Instrument :

MSVOA_X

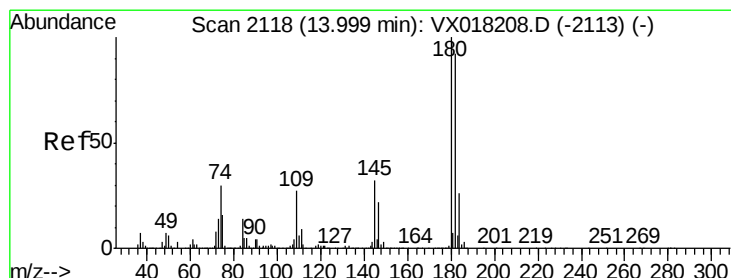
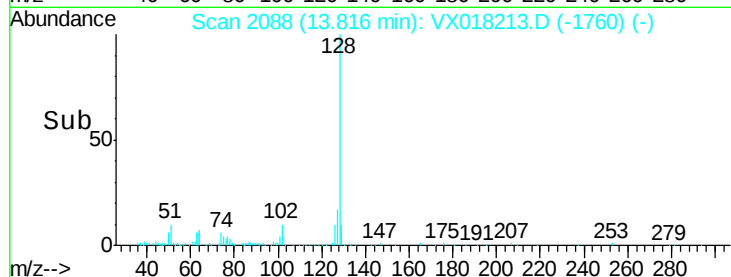
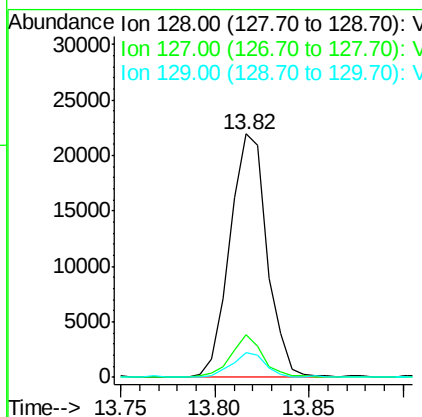
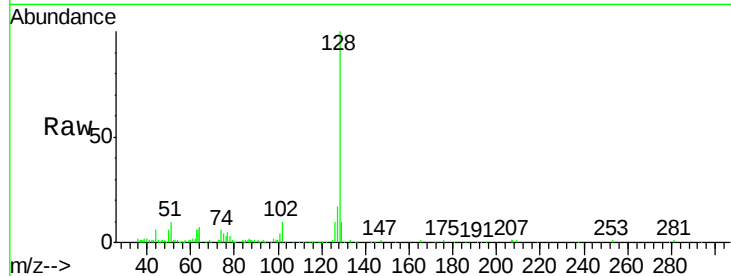
ClientSampleId :

MDL01

Tot Ion:	128	Resp:	30094
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.0	15.0
129	9.4	8.6	12.8

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#70

1,2,3-Trichlorobenzene

Concen: 1.838 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 14:20

Tgt Ion:	180	Resp:	10491
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.0	115.4
145	38.9	27.2	40.8

