

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090220\
 Data File : VX018218.D
 Acq On : 02 Sep 2020 16:12
 Operator : JC/SP
 Sample : MDL06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:54:12 AM

Quant Time: Sep 03 05:24:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 05:15:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	675463	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	642821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	304252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	247854	45.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.94%
7) Chloroethane-d5	1.70	69	185656	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.34	63	379086	36.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.38%
21) 2-Butanone-d5	4.54	46	352951	93.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	5.14	84	478401	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	6.03	65	351559	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
32) Benzene-d6	6.06	84	930407	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
36) 1,2-Dichloropropane-d6	7.37	67	299714	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	8.70	98	859734	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%
43) trans-1,3-Dichloropropene-	8.99	79	159773	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.42%
47) 2-Hexanone-d5	9.43	63	261148	98.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.17%
57) 1,1,2,2-Tetrachloroethane-	11.23	84	391427	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	12.36	152	331572	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	11270	1.961 ug/L	96
3) Chloromethane	1.31	50	10514	1.997 ug/L	99
5) Vinyl chloride	1.39	62	12059m	2.304 ug/L	
6) Bromomethane	1.64	94	6990	2.335 ug/L	88
9) Trichlorofluoromethane	1.92	101	17177	1.977 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	13298	2.816 ug/L #	79
12) 1,1-Dichloroethene	2.36	96	12219m	2.749 ug/L	
13) Acetone	2.43	43	8626	4.011 ug/L	86
14) Carbon disulfide	2.55	76	29628	2.105 ug/L #	94
15) Methyl Acetate	2.75	43	11462m	2.169 ug/L	
16) Methylene chloride	2.84	84	12507	2.483 ug/L	91
17) trans-1,2-Dichloroethene	3.15	96	9611	2.017 ug/L	98
18) Methyl tert-butyl Ether	3.17	73	28799	1.935 ug/L #	87
19) 1,1-Dichloroethane	3.67	63	19168	2.146 ug/L	98
20) cis-1,2-Dichloroethene	4.57	96	11089	2.177 ug/L #	74
22) 2-Butanone	4.65	43	15216	4.314 ug/L	76
23) Bromochloromethane	4.98	128	6123m	2.148 ug/L	

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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.18	83	43744	4.281	ug/L	98
27) 1,2-Dichloroethane	6.17	62	16337	2.110	ug/L #	85
29) Cyclohexane	5.55	56	14111	1.995	ug/L	95
30) 1,1,1-Trichloroethane	5.46	97	18171	2.058	ug/L	97
31) Carbon tetrachloride	5.76	117	16376	2.037	ug/L	98
33) Benzene	6.12	78	39431	2.120	ug/L	100
34) Trichloroethene	7.19	95	11144m	2.135	ug/L	
35) Methylcyclohexane	7.45	83	13913	1.917	ug/L	93
37) 1,2-Dichloropropane	7.49	63	11301	2.294	ug/L #	97
38) Bromodichloromethane	7.88	83	14605	2.082	ug/L #	98
39) cis-1,3-Dichloropropene	8.42	75	14672	1.910	ug/L	88
40) 4-Methyl-2-pentanone	8.62	43	25772	3.859	ug/L	98
42) Toluene	8.77	91	40055	2.007	ug/L	92
44) trans-1,3-Dichloropropene	9.02	75	14855	1.839	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	9652	1.952	ug/L	88
46) Tetrachloroethene	9.32	164	8683	2.086	ug/L	84
48) 2-Hexanone	9.47	43	20124	3.728	ug/L #	97
49) Dibromochloromethane	9.57	129	11830	1.952	ug/L	89
50) 1,2-Dibromoethane	9.65	107	9831	1.878	ug/L #	96
51) Chlorobenzene	10.12	112	27086	1.992	ug/L	97
52) Ethylbenzene	10.24	91	41422	1.861	ug/L	100
53) m,p-Xylene	10.34	106	15097	1.776	ug/L	97
54) o-xylene	10.68	106	13756	1.695	ug/L	96
55) Styrene	10.70	104	23268	1.660	ug/L	99
56) Isopropylbenzene	11.00	105	36064	1.661	ug/L	98
58) 1,1,2,2-Tetrachloroethane	11.25	83	15395	2.120	ug/L #	77
59) 1,2,3-Trichloropropane	11.28	75	11873	1.887	ug/L	98
61) Bromoform	10.84	173	9150	2.121	ug/L #	97
62) 1,3-Dichlorobenzene	12.01	146	18320	1.833	ug/L	98
63) 1,4-Dichlorobenzene	12.09	146	20879	2.052	ug/L	96
65) 1,2-Dichlorobenzene	12.38	146	20373	2.116	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.98	75	4845	2.691	ug/L #	79
67) 1,3,5-Trichlorobenzene	13.15	180	12308m	1.888	ug/L	
68) 1,2,4-trichlorobenzene	13.63	180	12111	2.013	ug/L	96
69) Naphthalene	13.82	128	31825	1.673	ug/L	99
70) 1,2,3-Trichlorobenzene	14.01	180	11308	1.879	ug/L	98

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

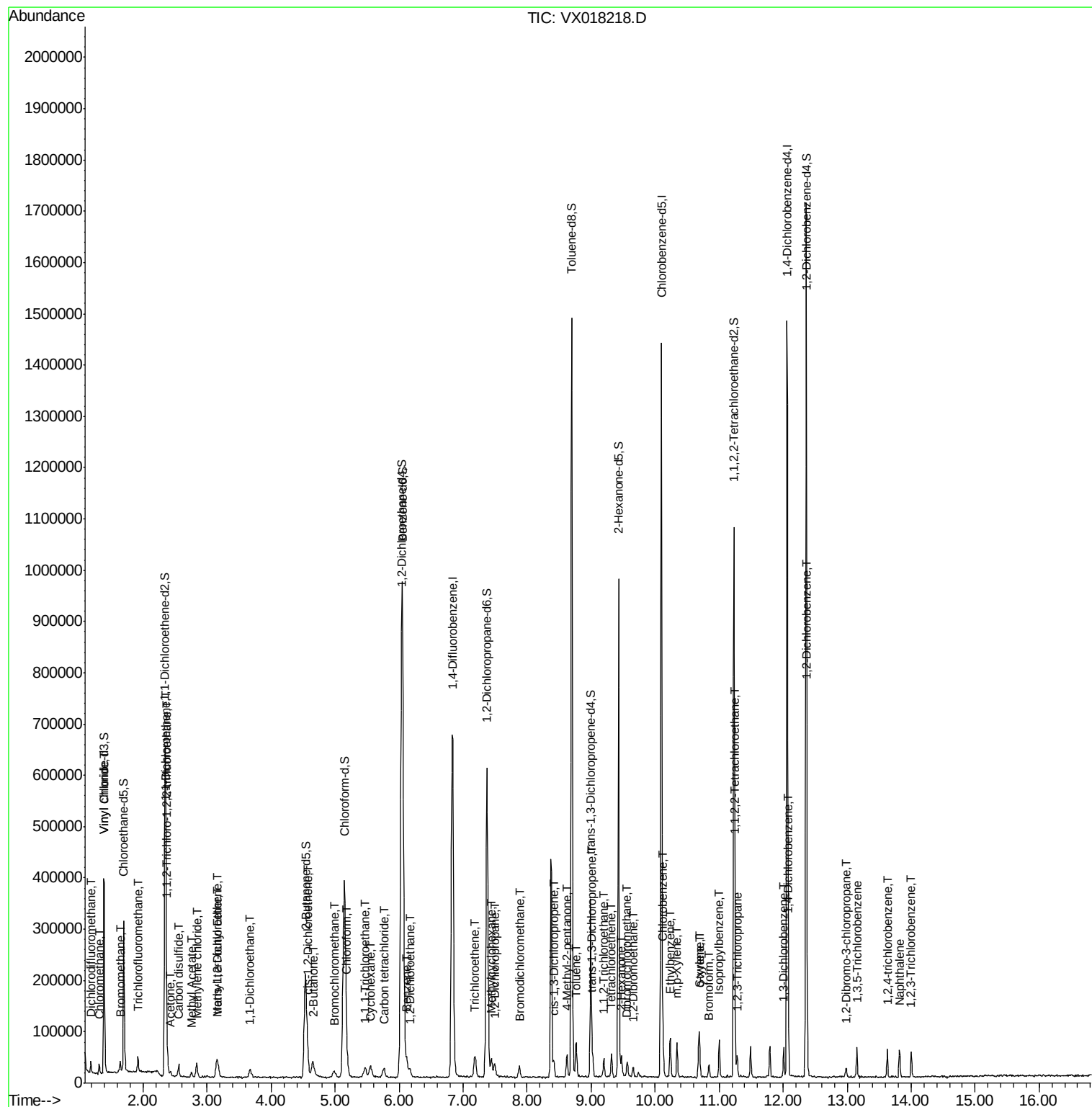
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090220\
Data File : VX018218.D
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Sample : MDL06
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ALS Vial : 16 Sample Multiplier: 1

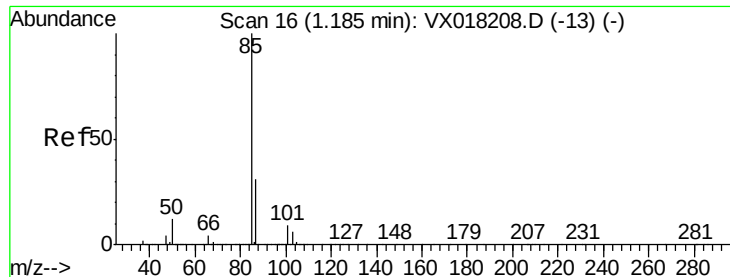
Instrument :
MSVOA_X
ClientSampleId :
MDL06

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Quant Title : VOC Analysis
QLast Update : Thu Sep 03 05:15:01 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 1.961 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tot Ion: 85 Resp: 11270

Ion Ratio Lower Upper

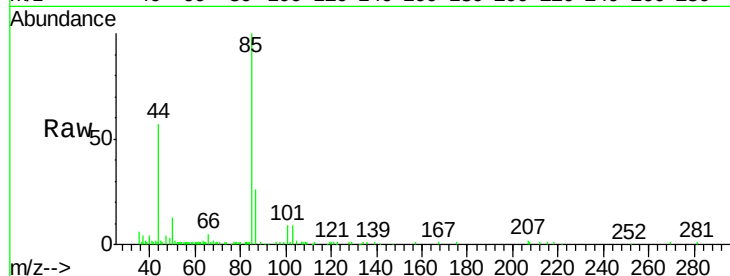
85 100

87 29.4 25.2 37.8

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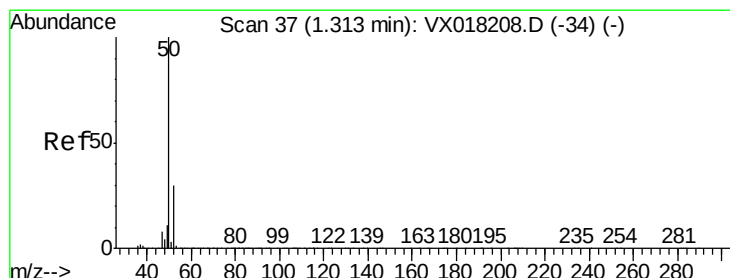
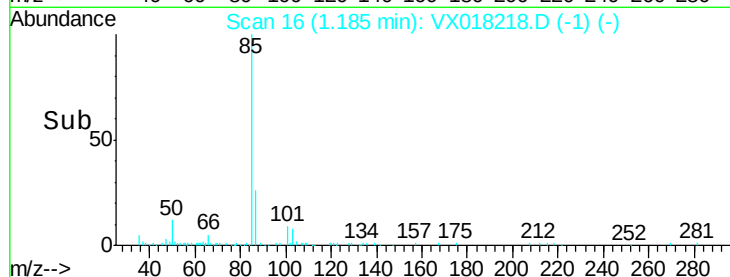
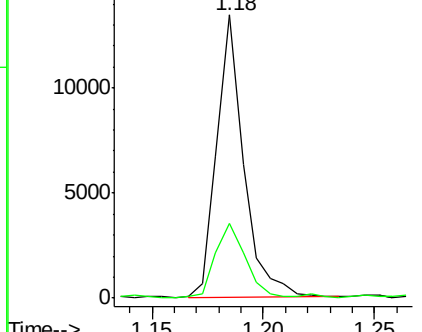
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Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 1.997 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018218.D

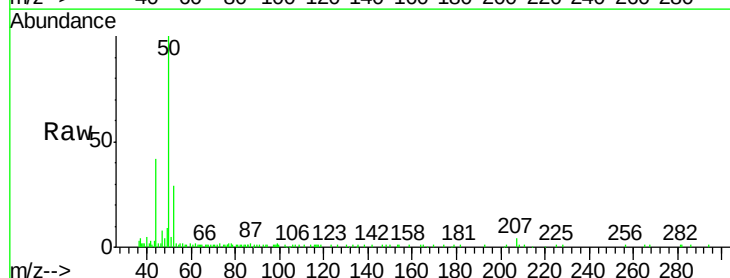
Acq: 02 Sep 2020 16:12

Tgt Ion: 50 Resp: 10514

Ion Ratio Lower Upper

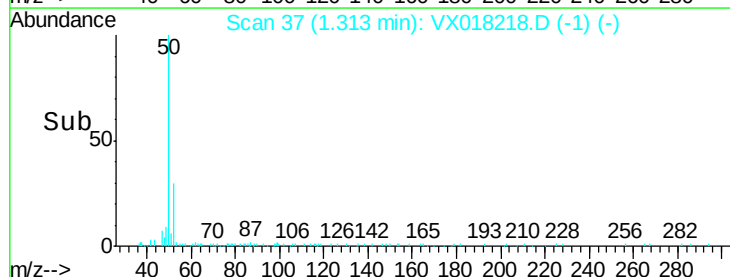
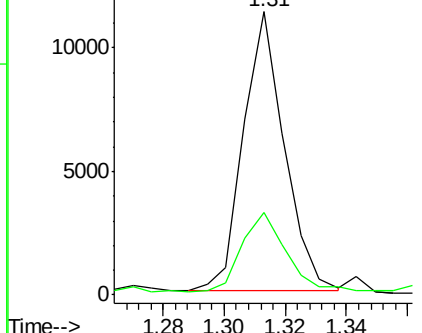
50 100

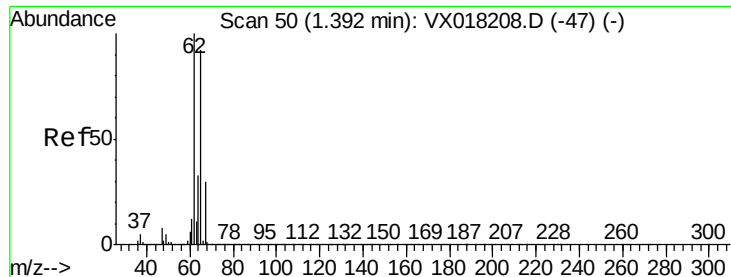
52 29.3 21.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 2.304 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tot Ion: 62 Resp: 12059

Ion Ratio Lower Upper

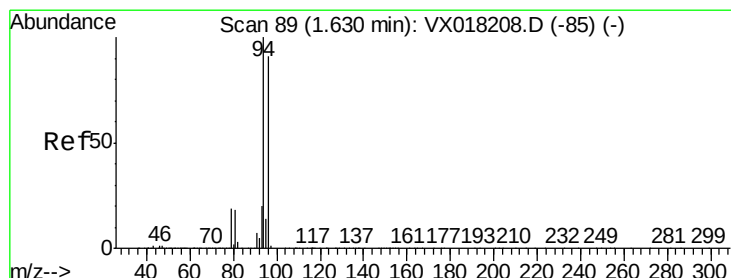
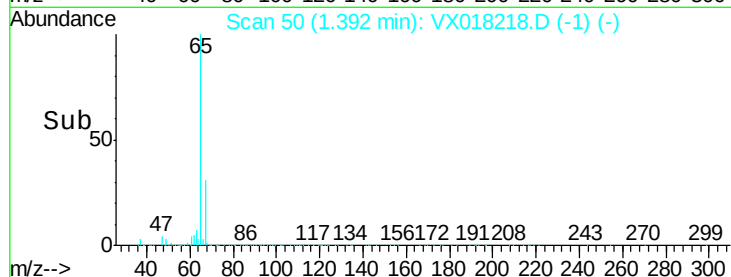
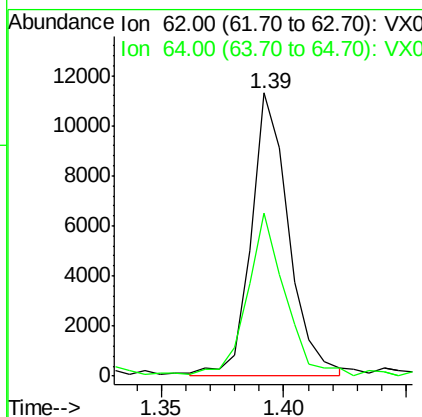
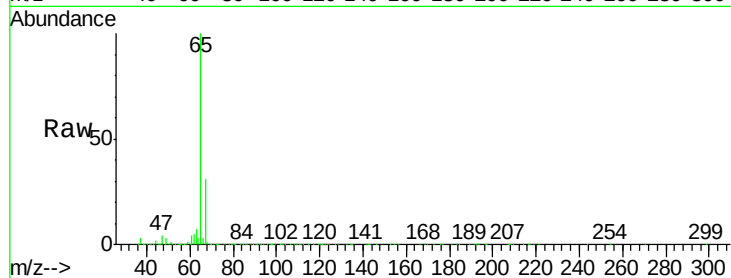
62 100

64 57.5 23.2 43.2#

Manual Integrations
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#6

Bromomethane

Concen: 2.335 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018218.D

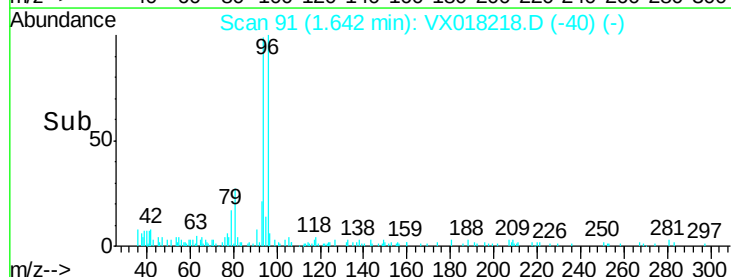
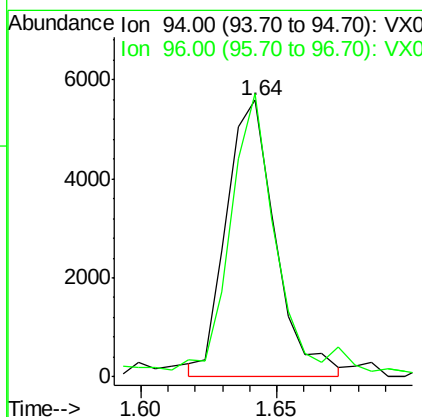
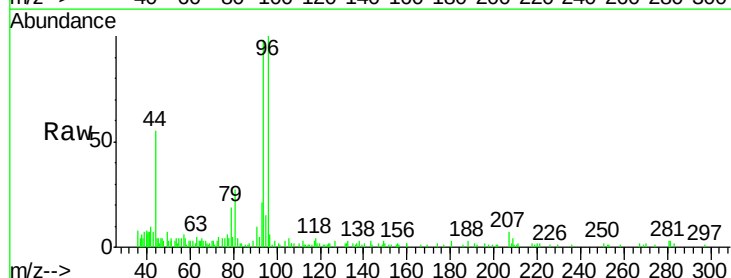
Acq: 02 Sep 2020 16:12

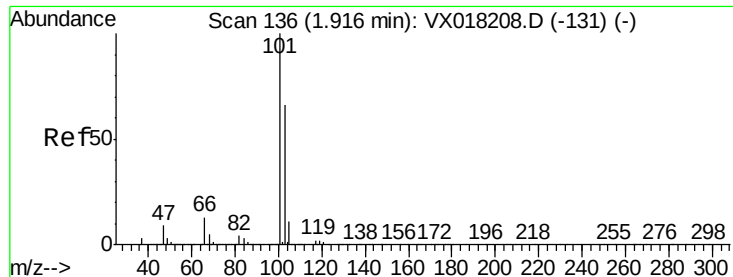
Tgt Ion: 94 Resp: 6990

Ion Ratio Lower Upper

94 100

96 102.4 63.9 118.7





#9

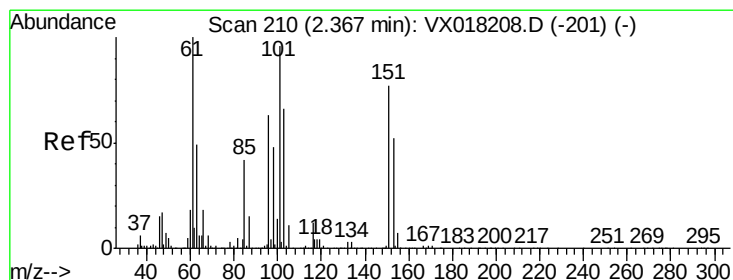
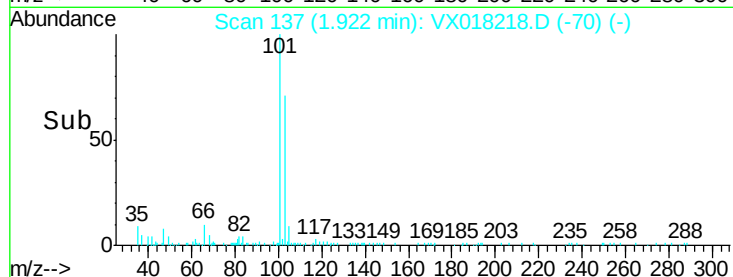
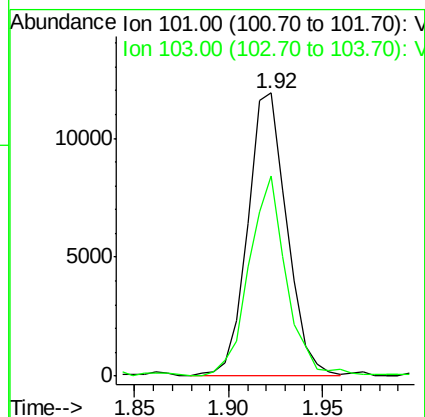
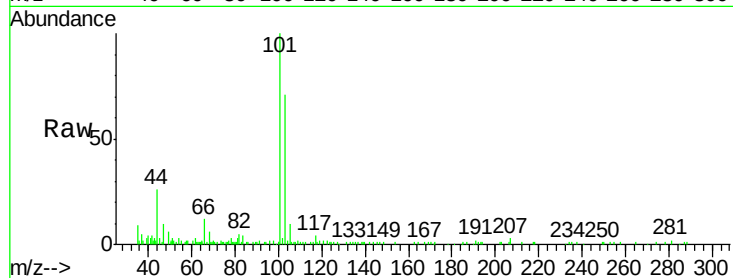
Trichlorofluoromethane
Concen: 1.977 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.4	77.2

Manual Integrations
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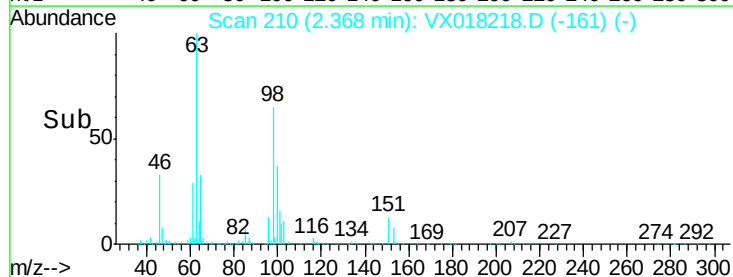
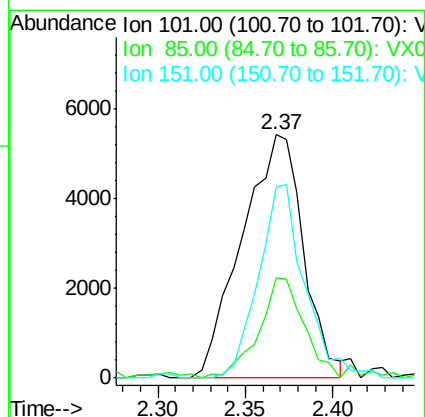
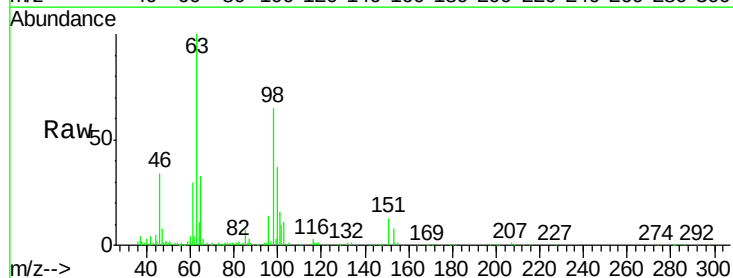
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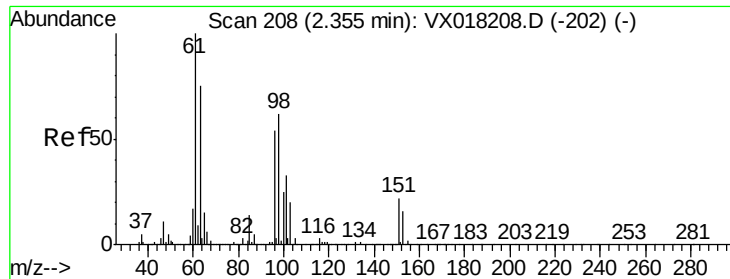


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.816 ug/L
RT: 2.37 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
101	100		
85	30.3	35.8	53.6#
151	59.8	61.6	92.4#





#12

1,1-Dichloroethene

Concen: 2.749 ug/L m

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tot Ion: 96 Resp: 12219

Ion Ratio Lower Upper

96 100

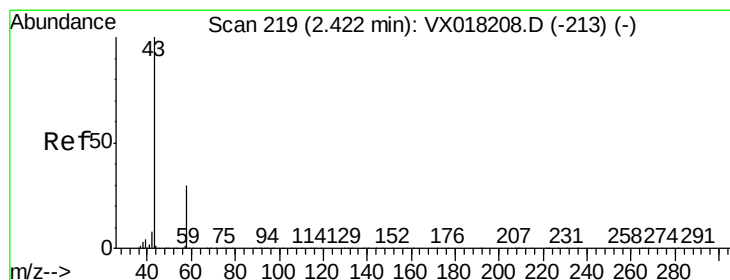
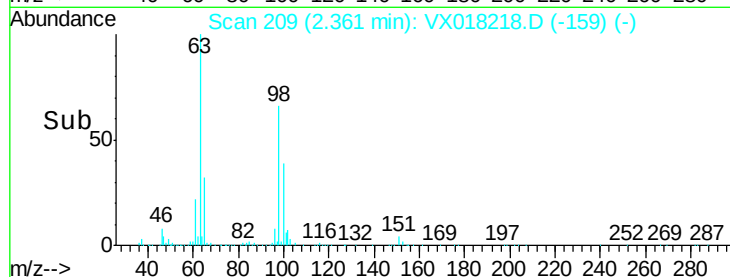
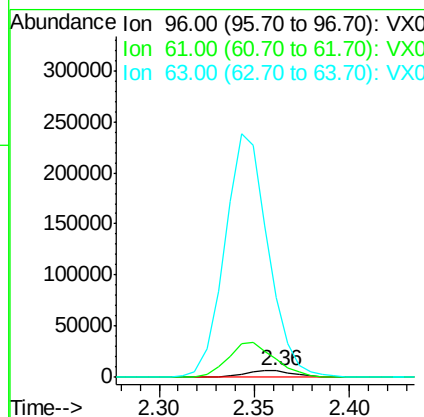
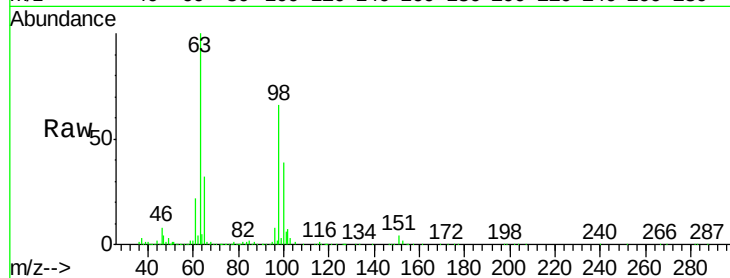
61 283.8 130.5 242.5#

63 1268.2 103.0 191.2

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#13

Acetone

Concen: 4.011 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018218.D

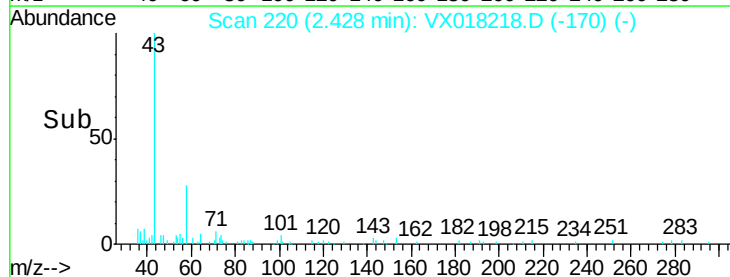
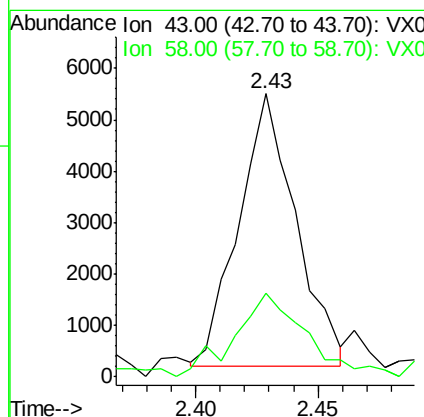
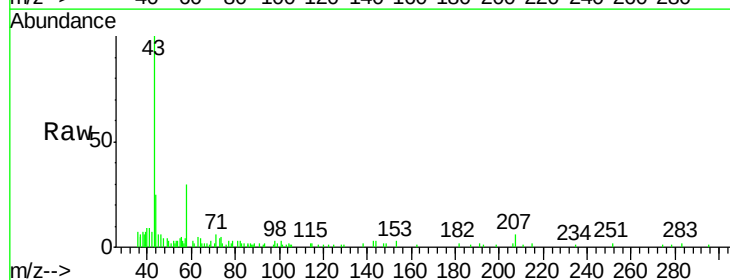
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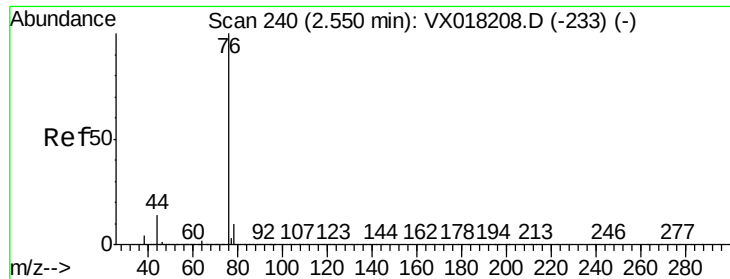
Tgt Ion: 43 Resp: 8626

Ion Ratio Lower Upper

43 100

58 37.1 0.0 59.2





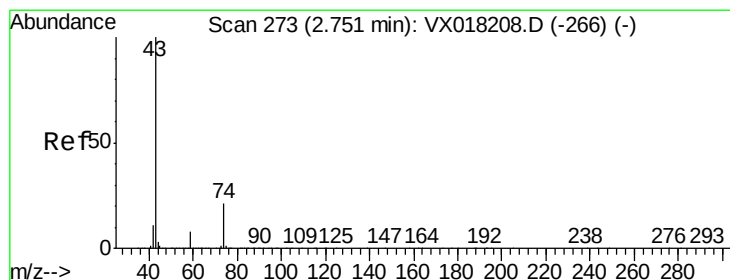
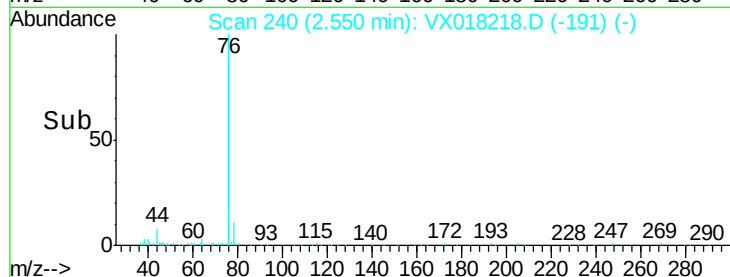
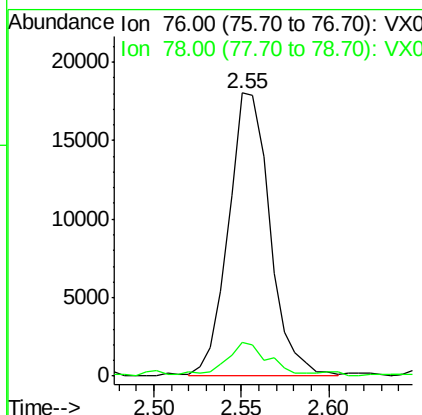
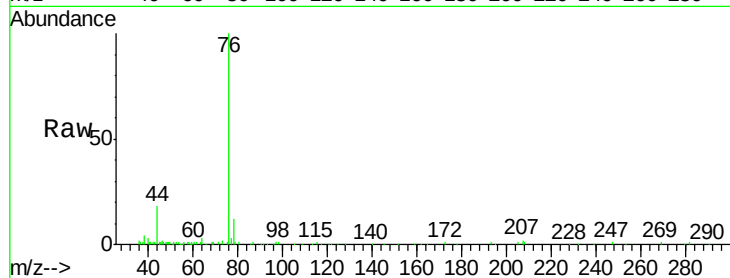
#14
Carbon disulfide
Concen: 2.105 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.7	11.5#

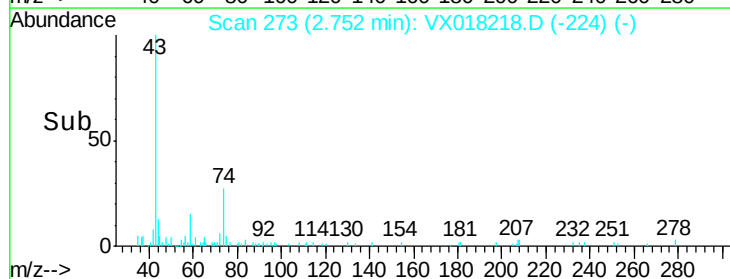
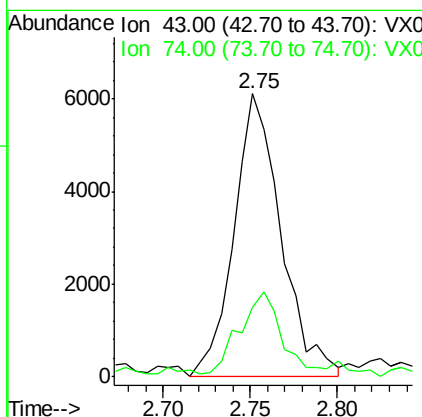
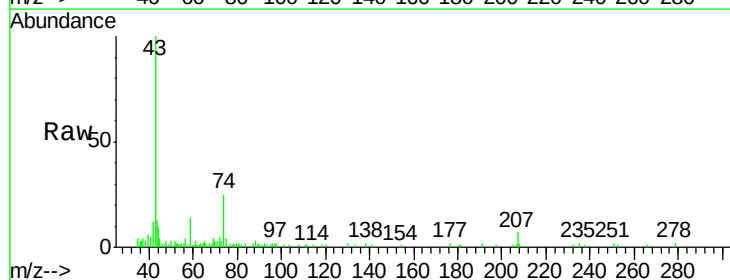
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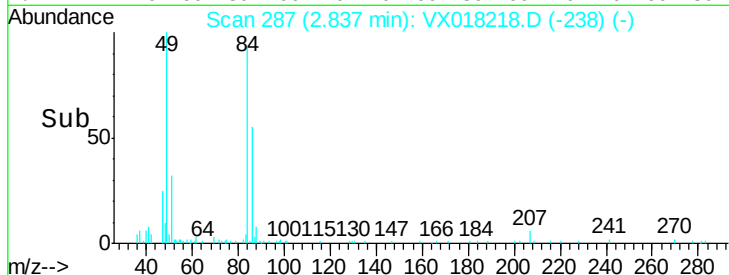
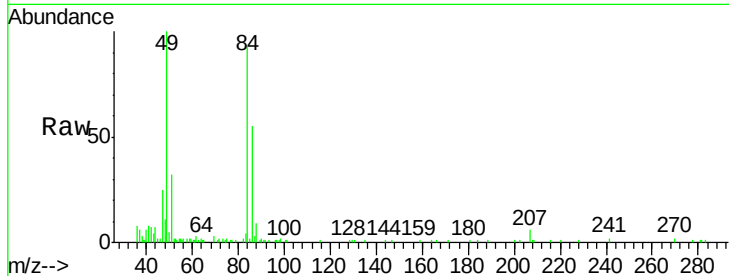
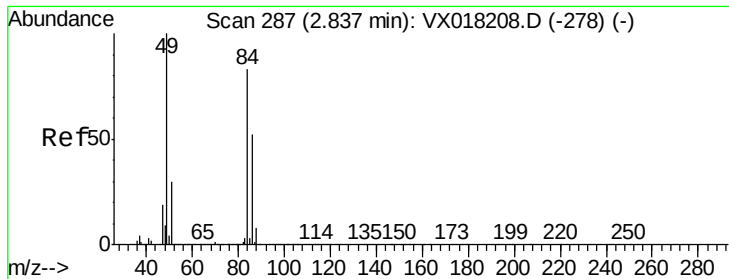
MMDadoda
9/3/2020 9:54:12 AM



#15
Methyl Acetate
Concen: 2.169 ug/L m
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	0.5	17.8	26.8#





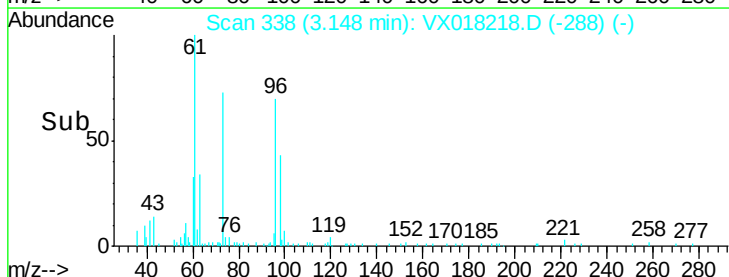
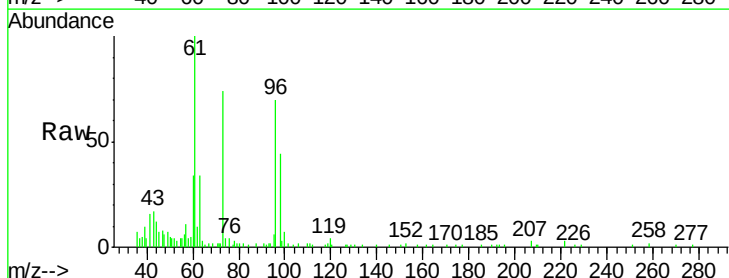
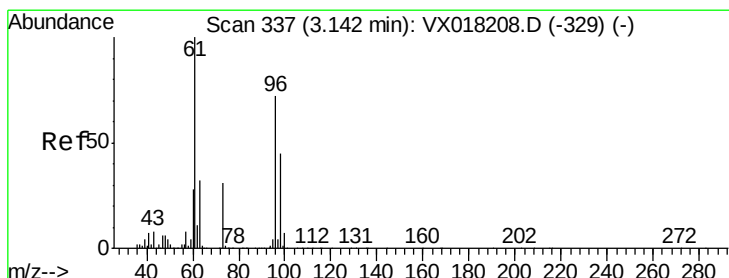
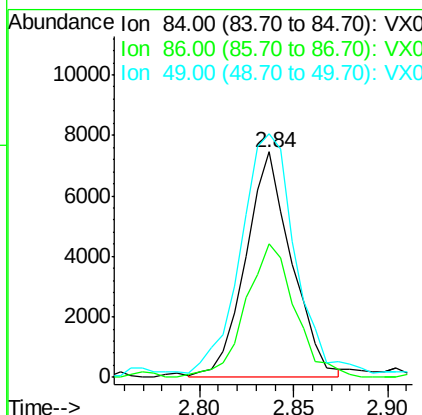
#16
Methylene chloride
Concen: 2.483 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tot Ion	Ratio	Lower	Upper
84	100		
86	59.1	43.6	81.0
49	108.0	84.5	156.9

Instrument :
MSVOA_X
ClientSampled :
MDL06

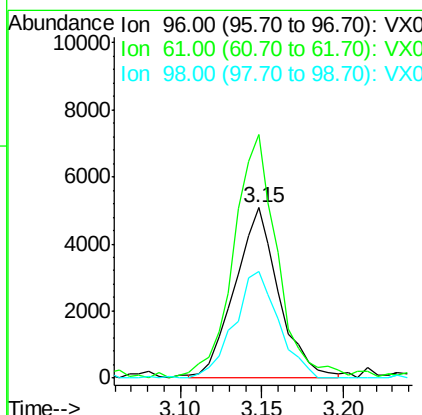
Manual Integrations
APPROVED

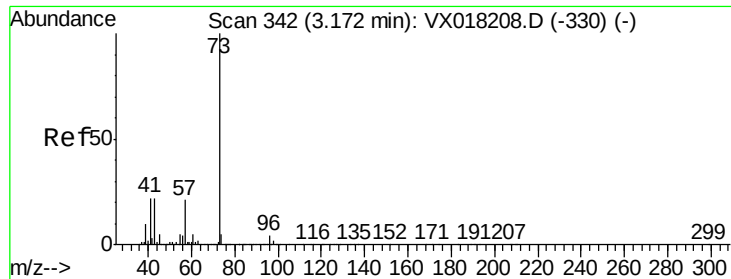
MMDadoda
9/3/2020 9:54:12 AM



#17
trans-1,2-Dichloroethene
Concen: 2.017 ug/L
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.8	97.1	180.3
98	62.6	43.9	81.5





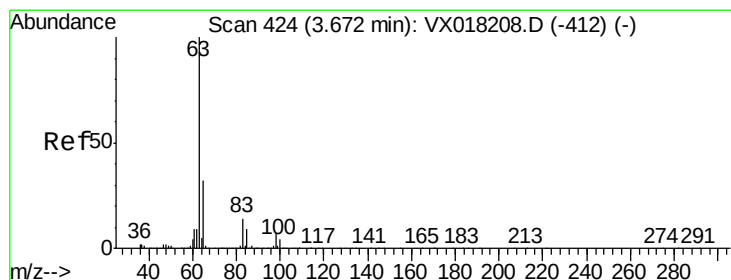
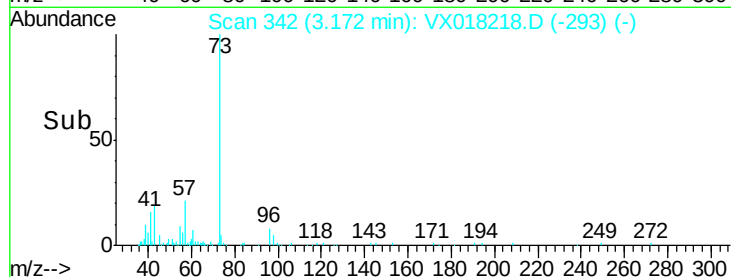
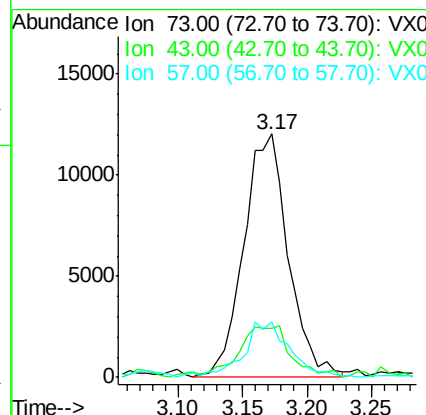
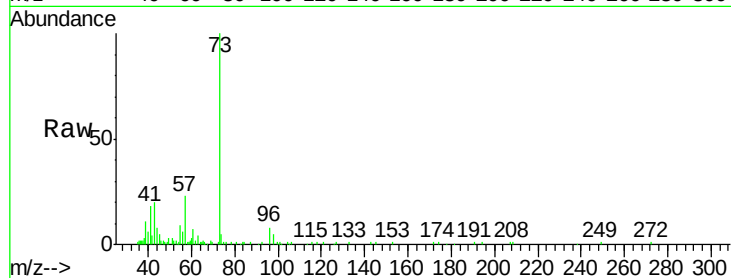
#18
Methyl tert-butyl Ether
Concen: 1.935 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
73	100		
43	11.7	17.4	26.2#
57	23.2	17.1	25.7

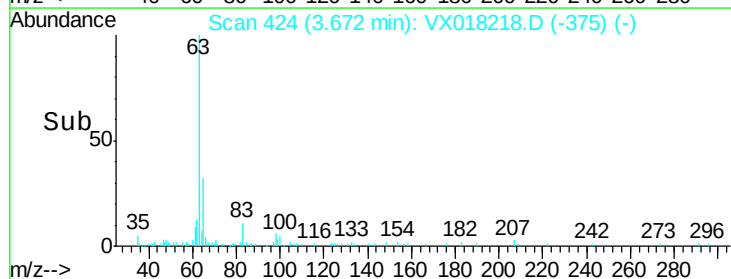
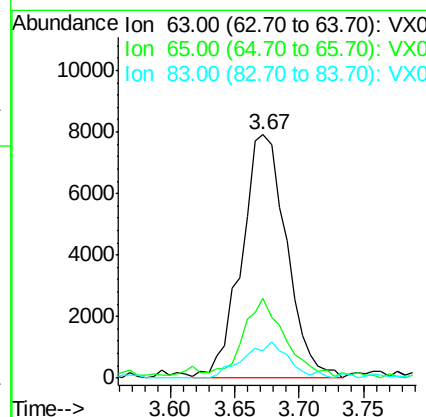
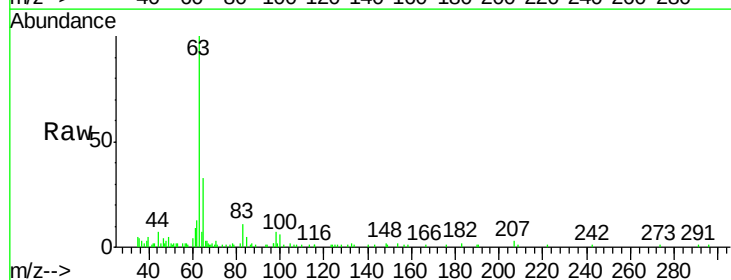
Manual Integrations
APPROVED

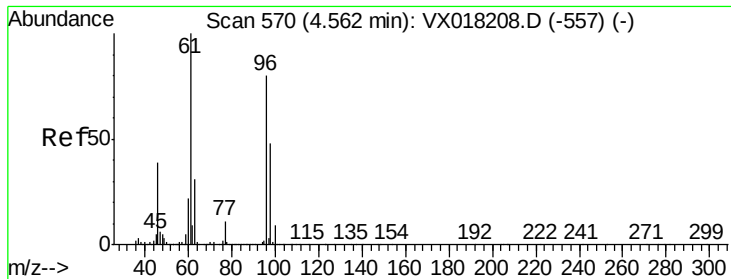
MMDadoda
9/3/2020 9:54:12 AM



#19
1,1-Dichloroethane
Concen: 2.146 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.3
83	11.2	9.7	18.1





#20

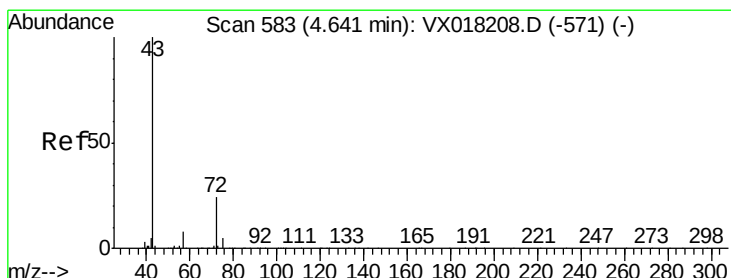
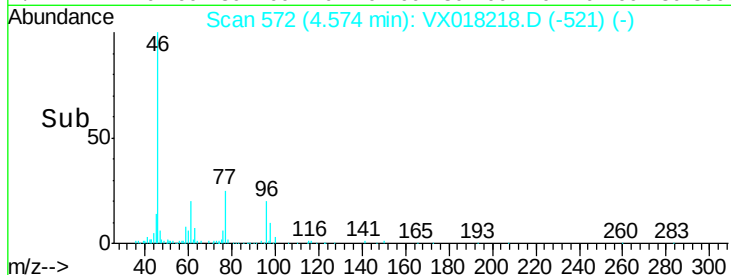
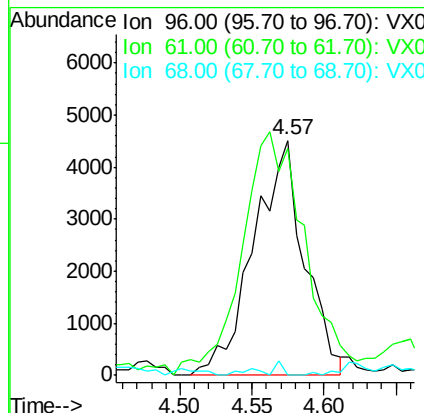
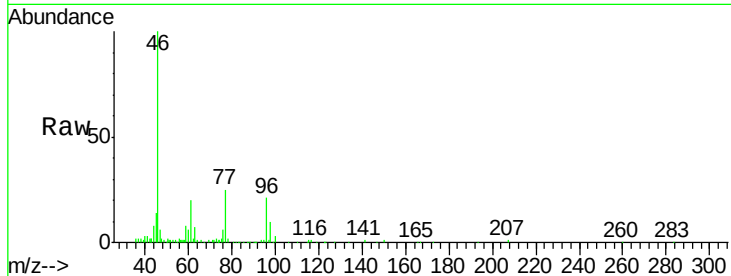
cis-1,2-Dichloroethene
 Concen: 2.177 ug/L
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
96	100		
61	96.3	88.0	163.4
68	0.0	0.1	0.1#

Manual Integrations
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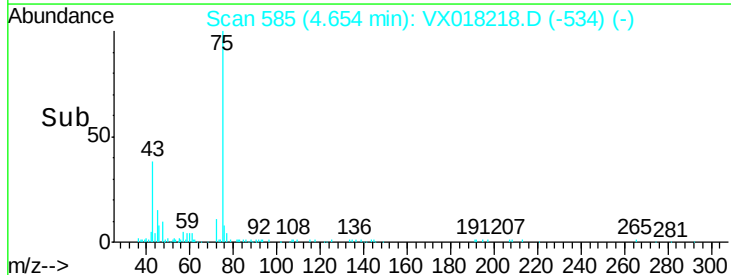
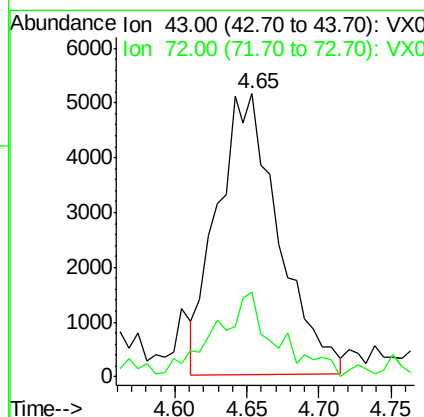
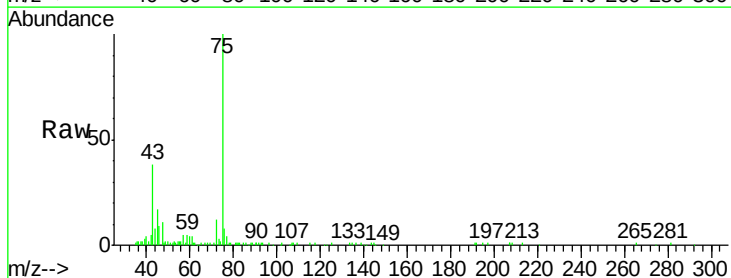
MMDadoda
 9/3/2020 9:54:12 AM

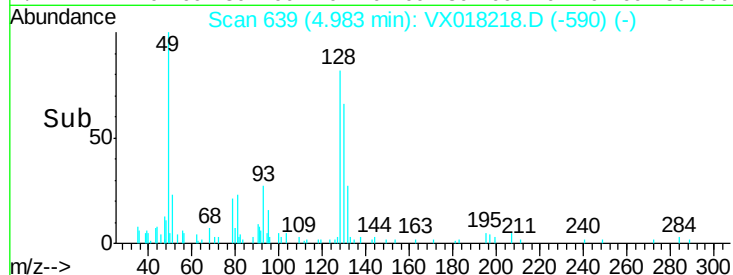
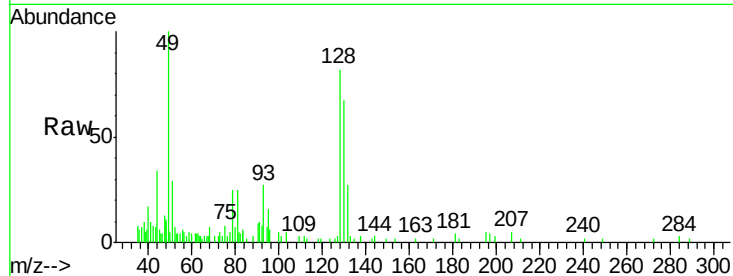
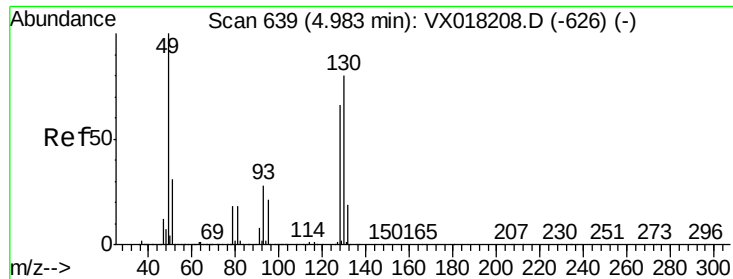


#22

2-Butanone
 Concen: 4.314 ug/L
 RT: 4.65 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	13.5	12.7	38.1





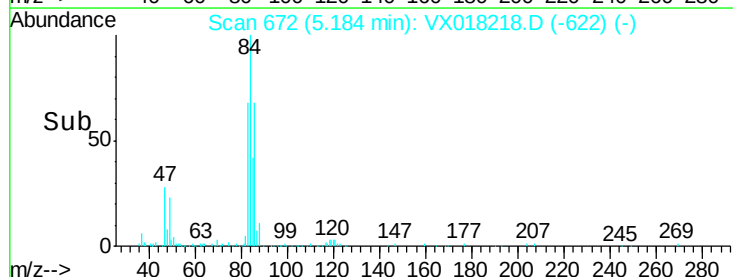
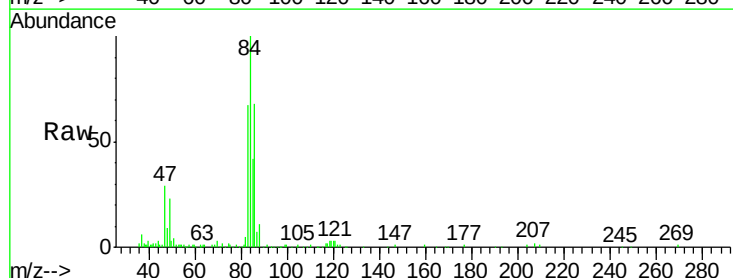
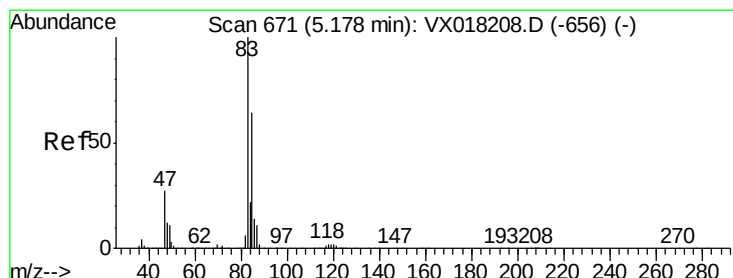
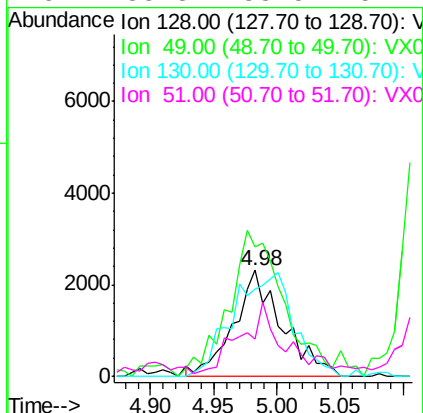
#23
Bromochloromethane
Concen: 2.148 ug/L m
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tot Ion:	128	Resp:	6123
Ion	Ratio	Lower	Upper
128	100		
49	121.9	106.8	198.4
130	82.2	85.3	158.5#
51	35.3	38.5	57.7#

Instrument :
MSVOA_X
ClientSampleId :
MDL06

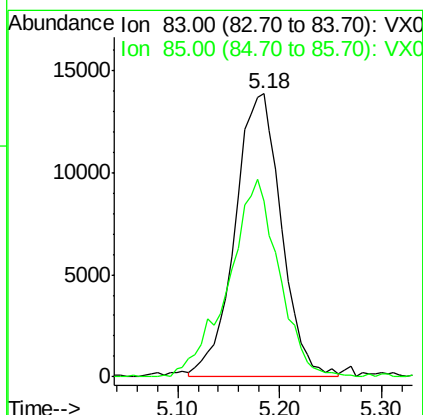
Manual Integrations
APPROVED

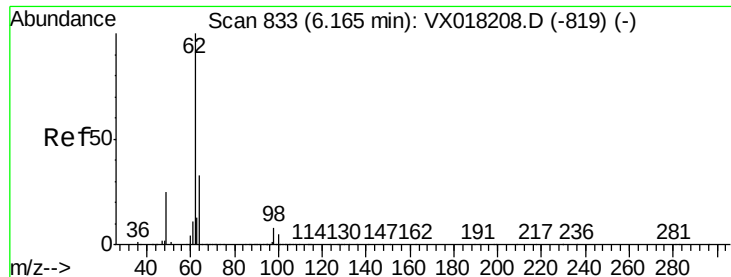
MMDadoda
9/3/2020 9:54:12 AM



#25
Chloroform
Concen: 4.281 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion:	83	Resp:	43744
Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.7	83.1





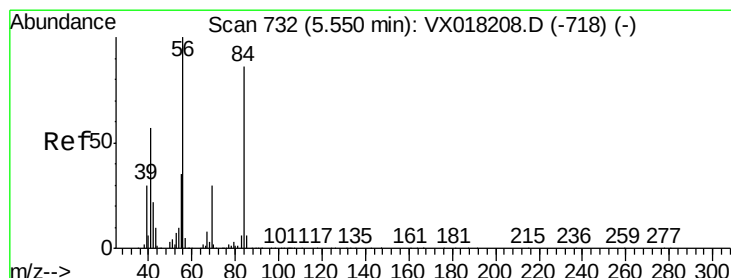
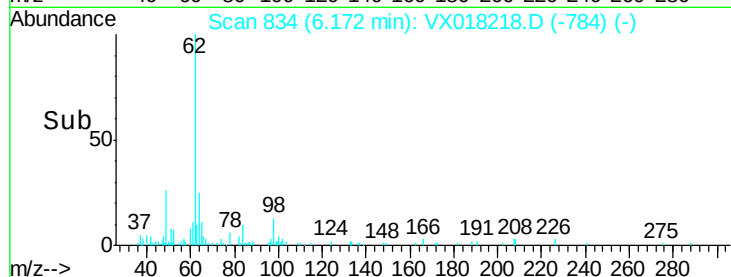
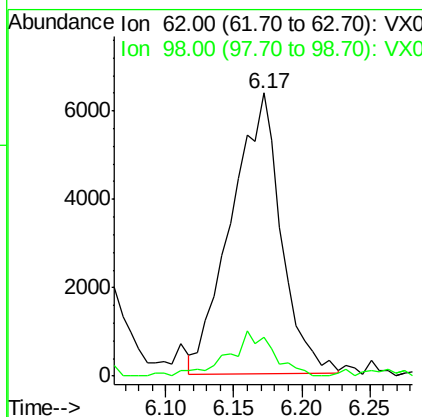
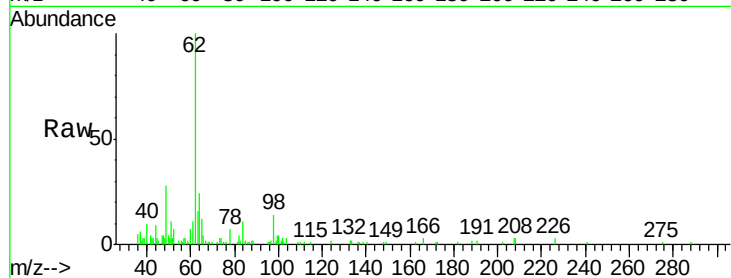
#27
 1,2-Dichloroethane
 Concen: 2.110 ug/L
 RT: 6.17 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Resp	Lower	Upper
62	100	16337		
98	13.6	6.6	9.8#	

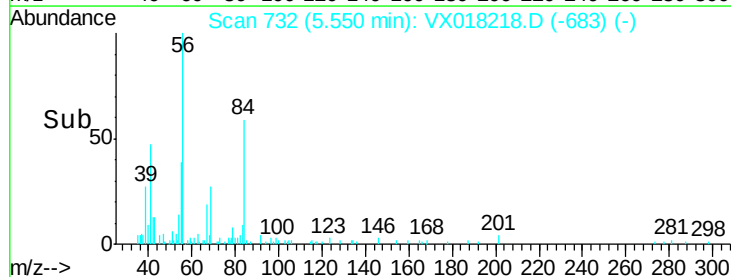
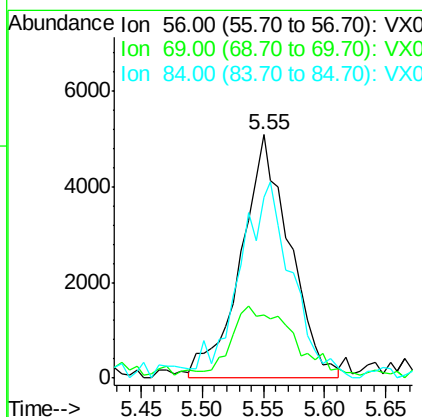
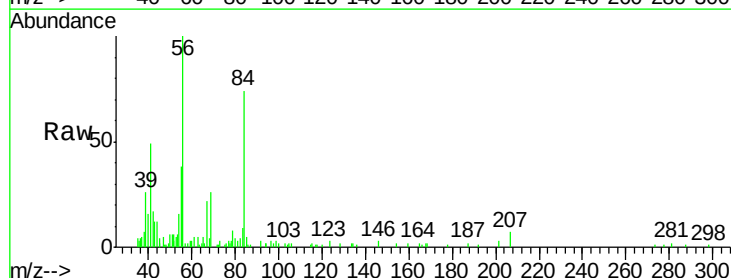
Manual Integrations
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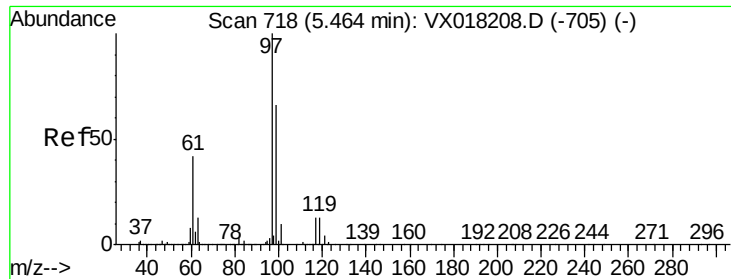
MMDadoda
 9/3/2020 9:54:12 AM



#29
 Cyclohexane
 Concen: 1.995 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	14111		
69	29.0	25.4	38.2	
84	82.4	69.8	104.8	





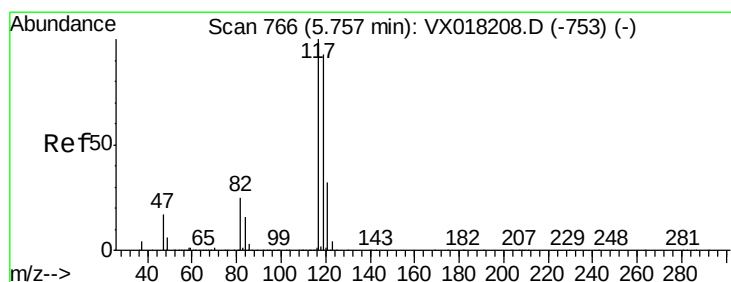
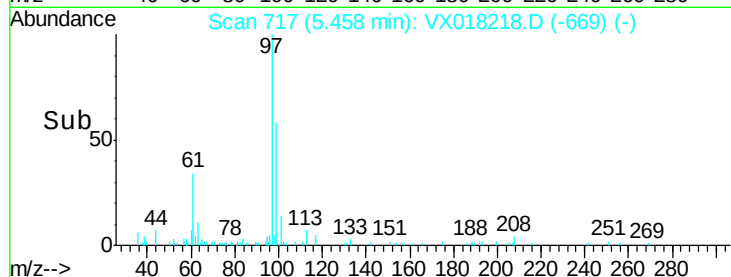
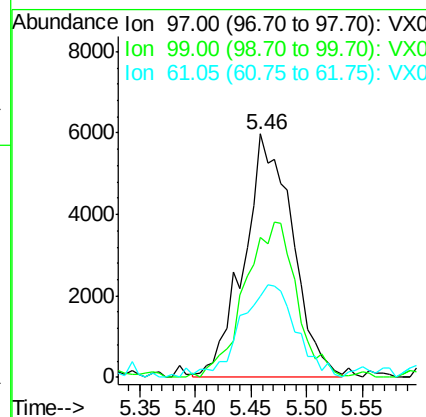
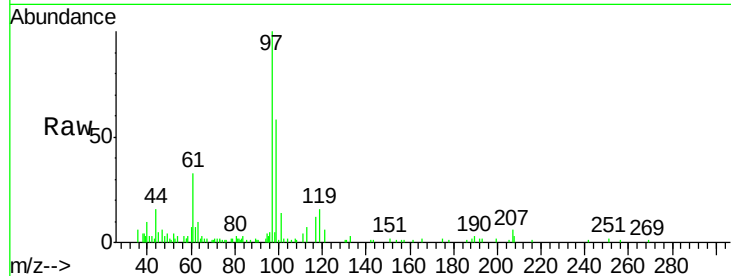
#30
 1,1,1-Trichloroethane
 Concen: 2.058 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
97	100		
99	67.6	51.7	77.5
61	41.7	33.8	50.6

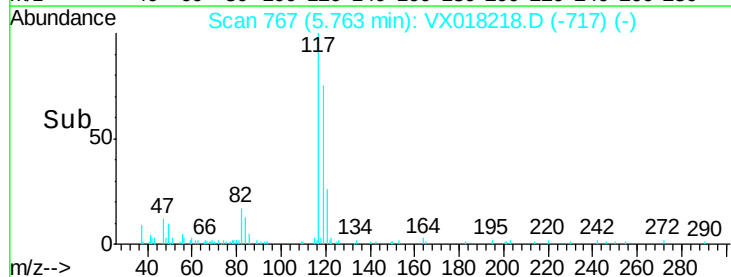
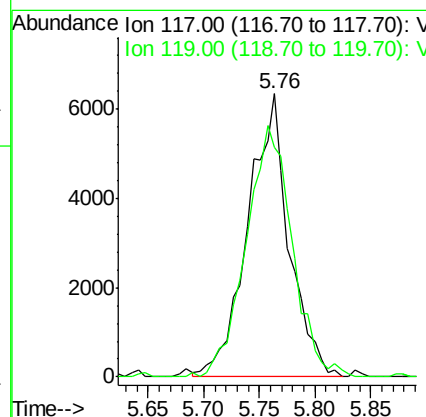
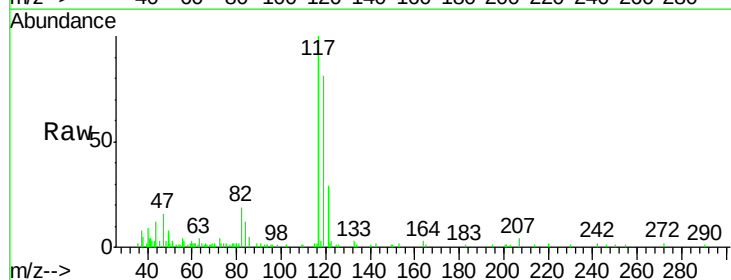
Manual Integrations
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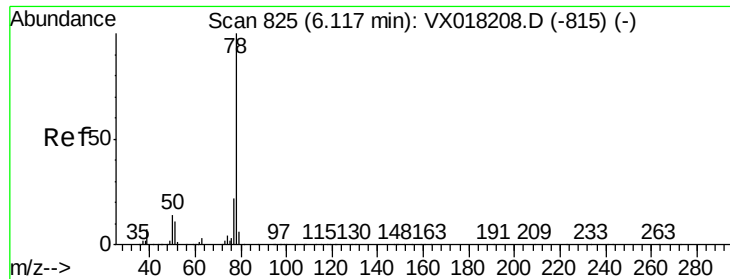
MMDadoda
 9/3/2020 9:54:12 AM



#31
 Carbon tetrachloride
 Concen: 2.037 ug/L
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.8	115.2





#33

Benzene

Concen: 2.120 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

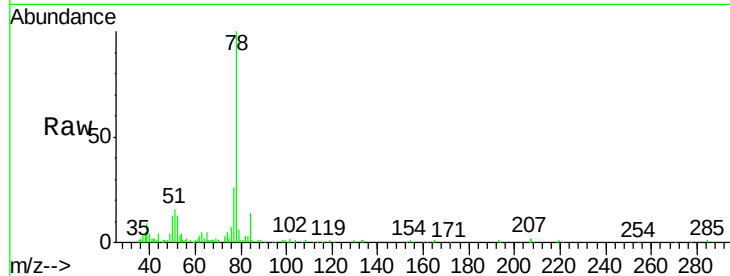
ClientSampleId :

MDL06

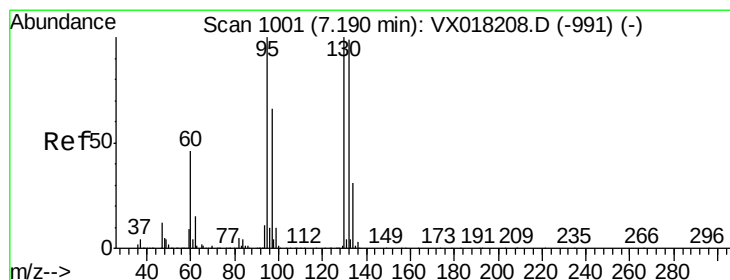
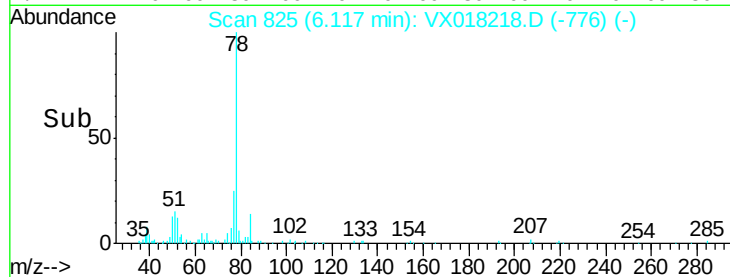
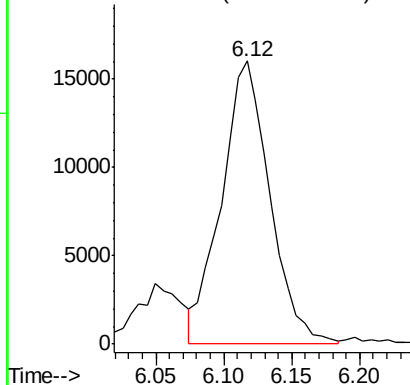
Tgt Ion: 78 Resp: 39431

Manual Integrations
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MMDadoda
9/3/2020 9:54:12 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0



#34

Trichloroethene

Concen: 2.135 ug/L m

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Tgt Ion: 95 Resp: 11144

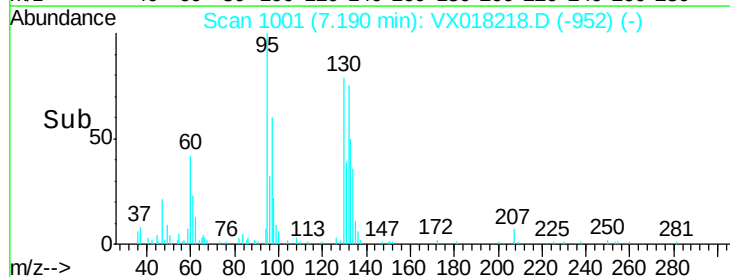
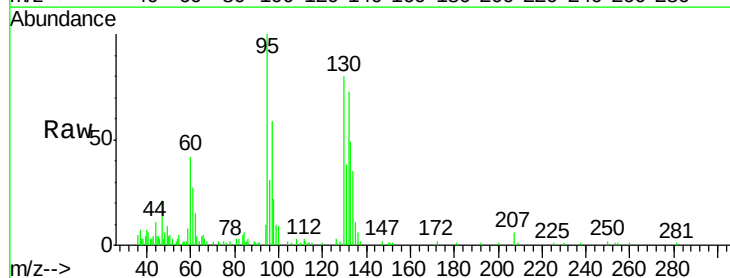
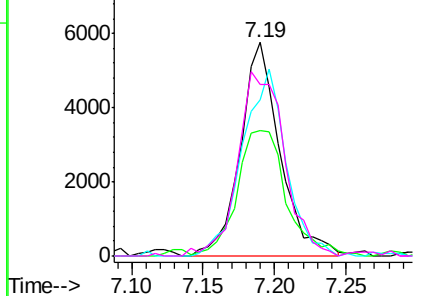
Ion	Ratio	Lower	Upper
95	100		
97	58.5	46.2	85.8
132	73.4	69.2	128.4
130	80.2	70.1	130.3

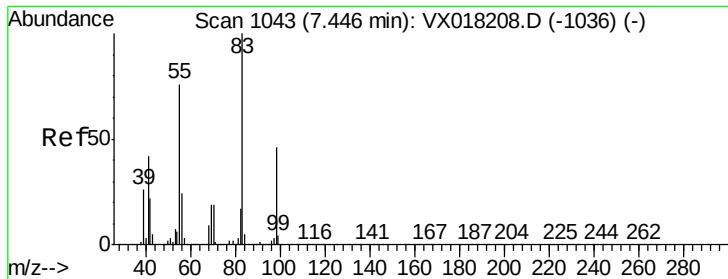
Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





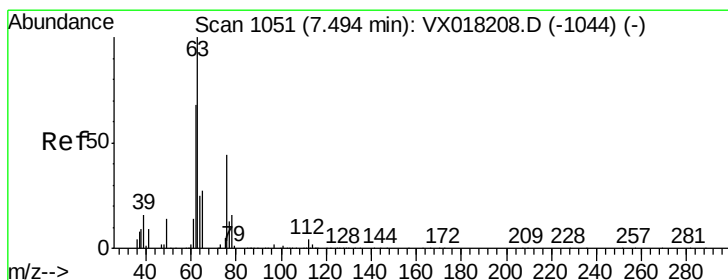
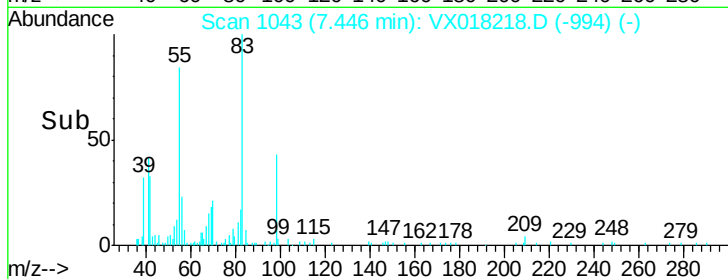
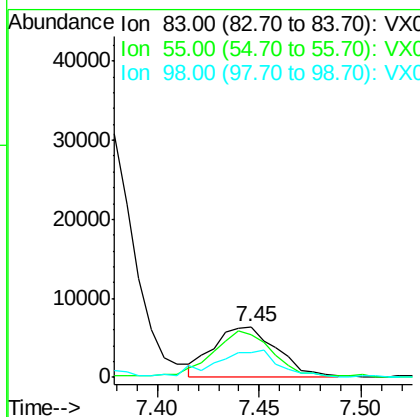
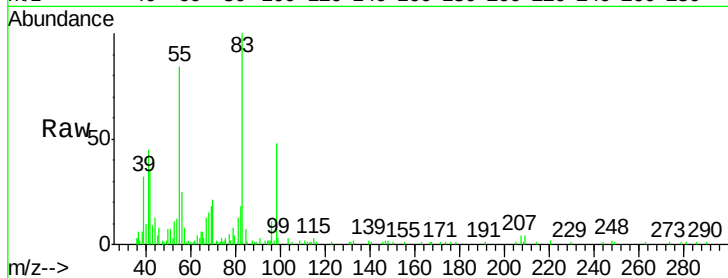
#35
Methylvlcyclohexane
Concen: 1.917 ug/L
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.2	62.6	94.0
98	50.9	37.1	55.7

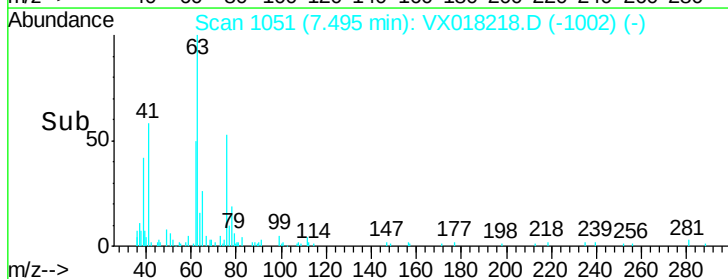
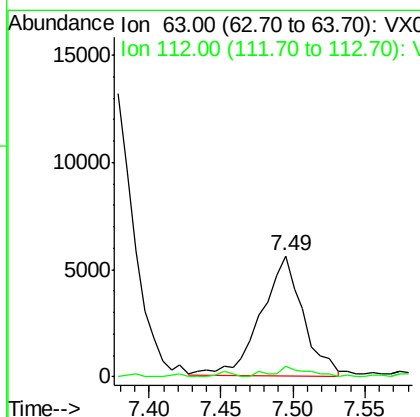
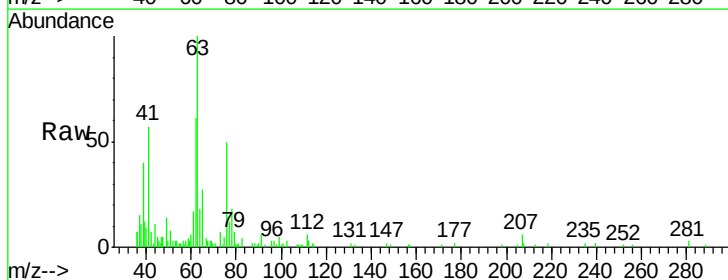
Manual Integrations
APPROVED

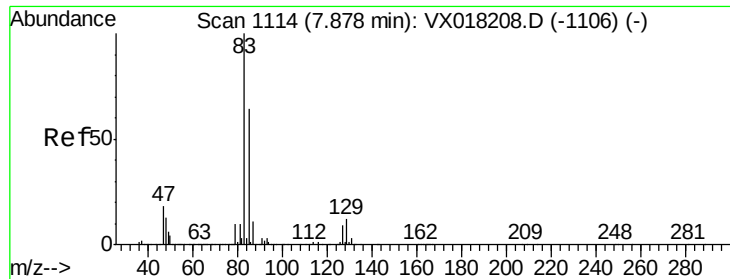
MMDadoda
9/3/2020 9:54:12 AM



#37
1,2-Dichloropropane
Concen: 2.294 ug/L
RT: 7.49 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
63	100		
112	5.5	3.6	5.4#





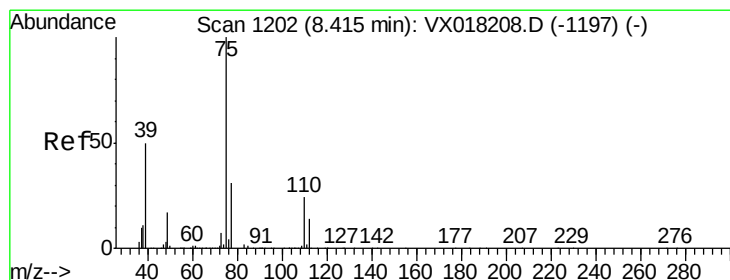
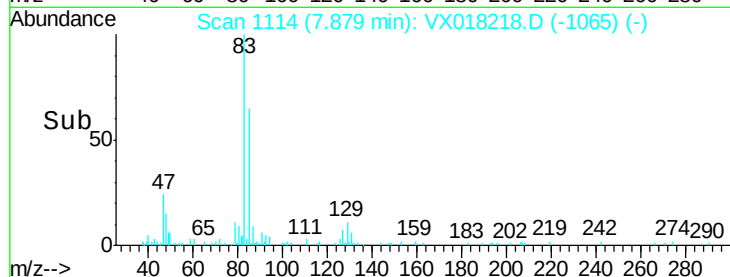
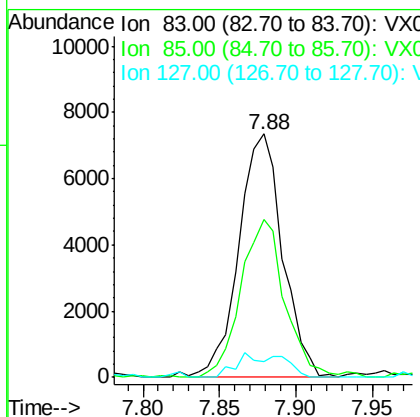
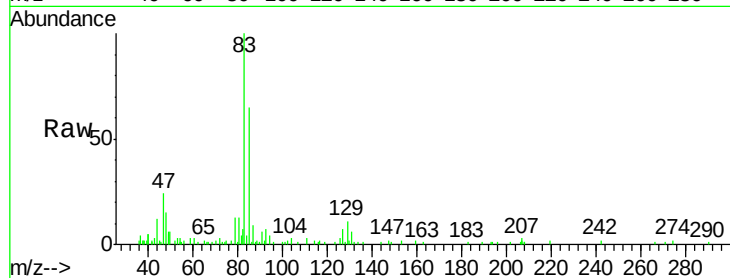
#38
 Bromodichloromethane
 Concen: 2.082 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.5	82.7
127	6.6	7.4	11.2#

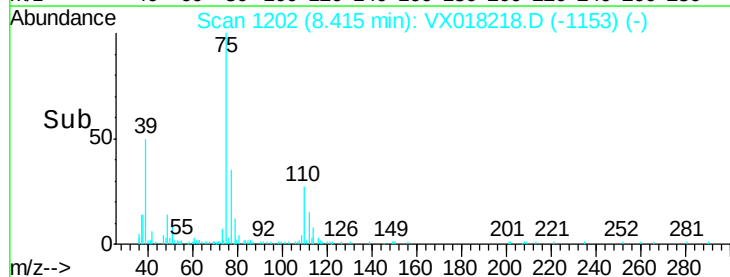
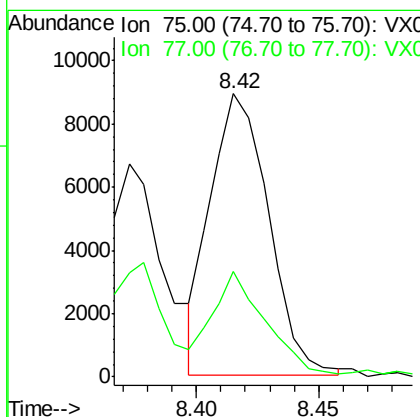
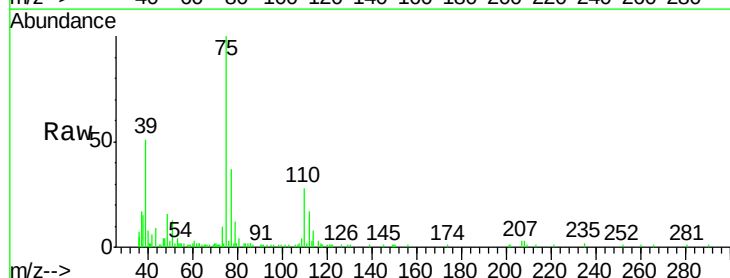
Manual Integrations
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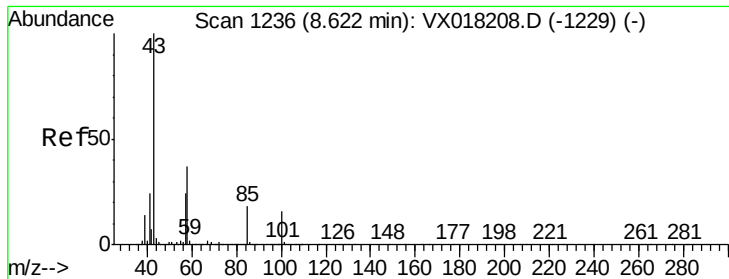
MMDadoda
 9/3/2020 9:54:12 AM



#39
 cis-1,3-Dichloropropene
 Concen: 1.910 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.4	21.7	40.3





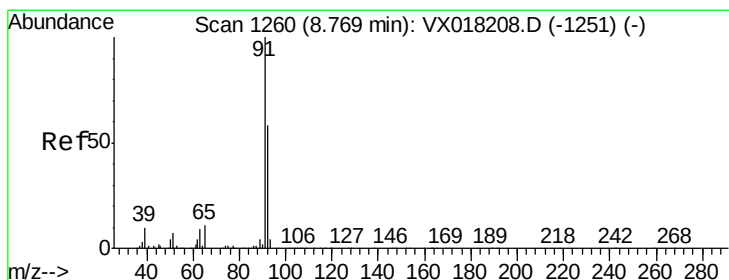
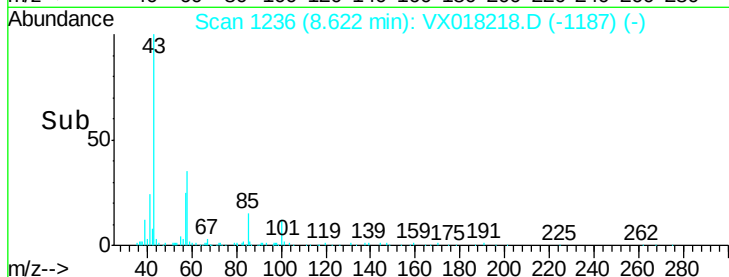
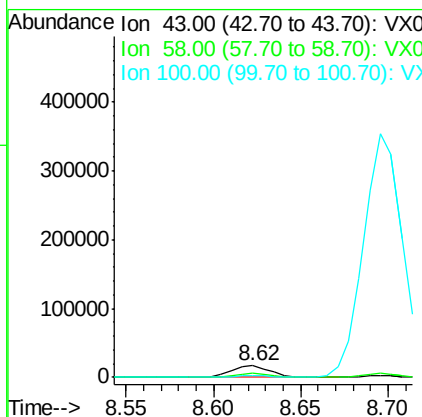
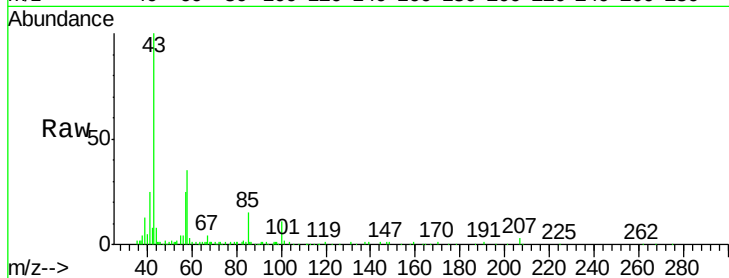
#40
4-Methyl-2-pentanone
Concen: 3.859 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.3	45.5
100	13.9	11.9	17.9

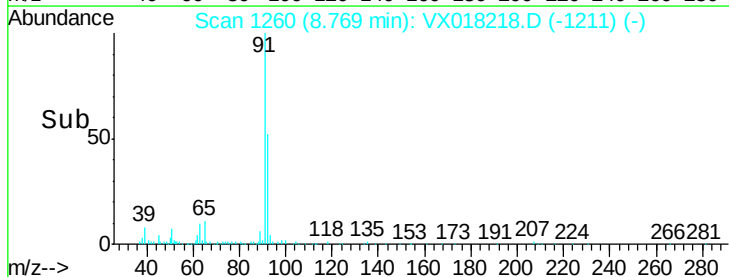
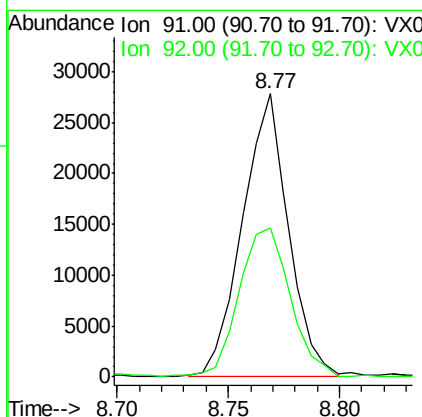
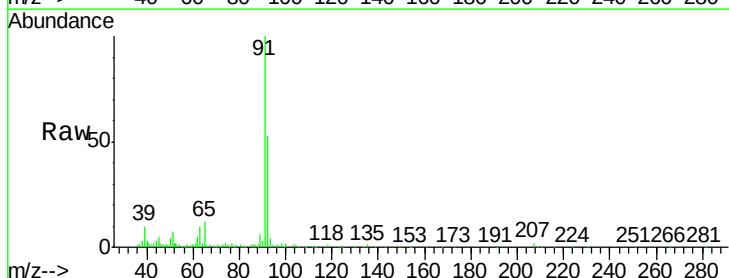
Manual Integrations
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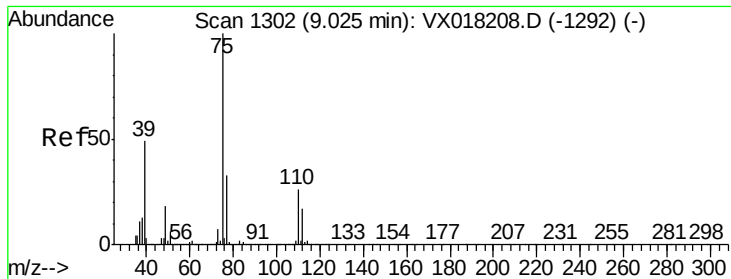
MMDadoda
9/3/2020 9:54:12 AM



#42
Toluene
Concen: 2.007 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	40.9	75.9





#44

trans-1,3-Dichloropropene

Concen: 1.839 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

ClientSampled :

MDL06

Tot Ion: 75 Resp: 14855

Ion Ratio Lower Upper

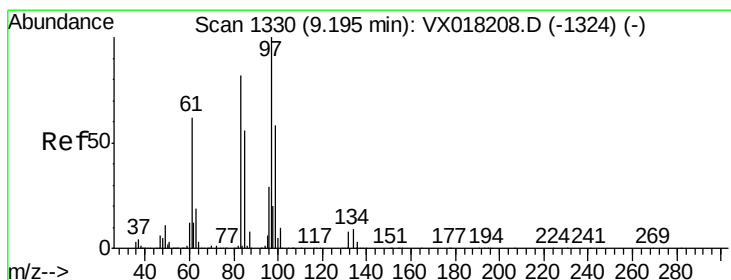
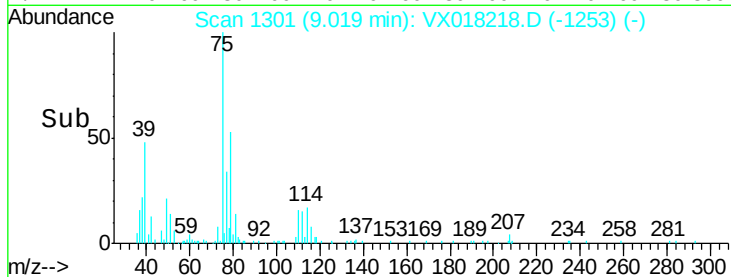
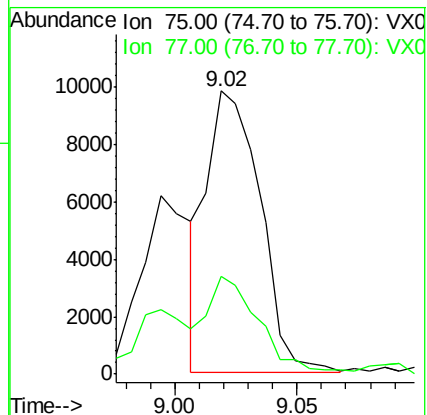
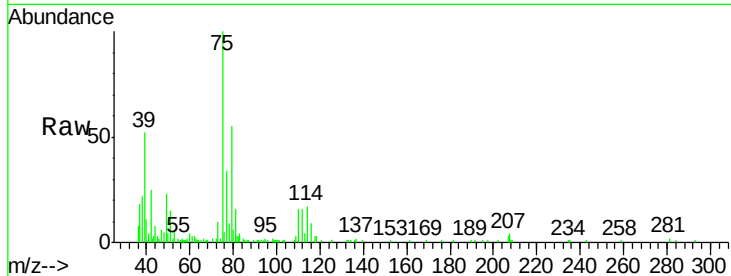
75 100

77 34.4 23.2 43.0

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#45

1,1,2-Trichloroethane

Concen: 1.952 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Tgt Ion: 97 Resp: 9652

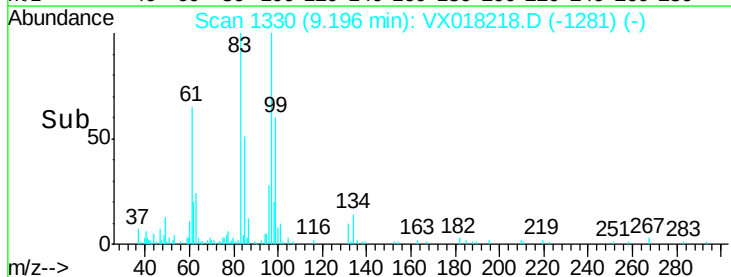
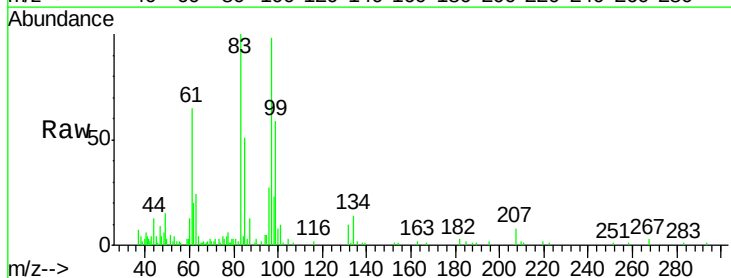
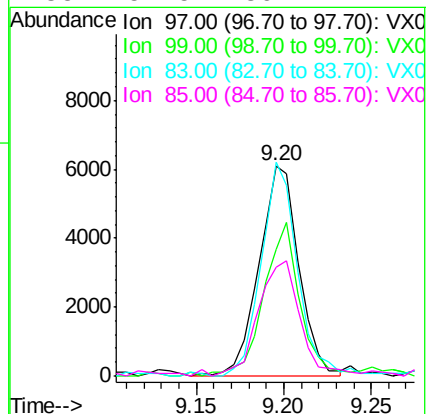
Ion Ratio Lower Upper

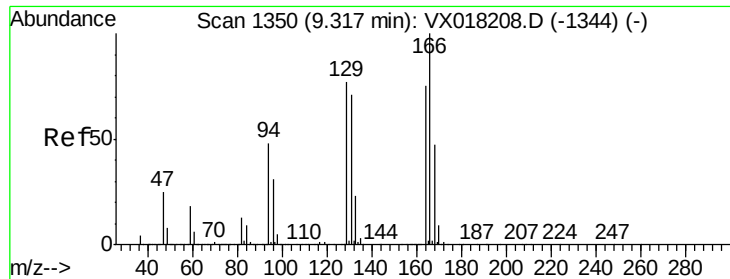
97 100

99 60.0 40.3 74.9

83 101.6 57.7 107.1

85 51.5 39.1 72.7





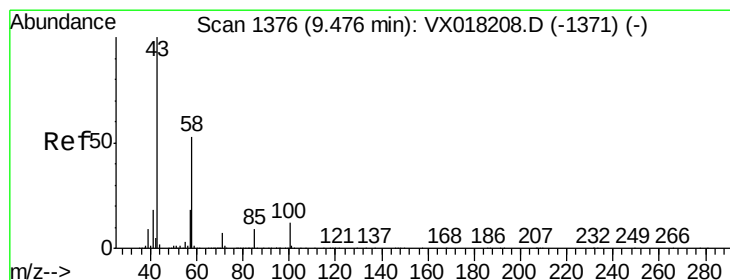
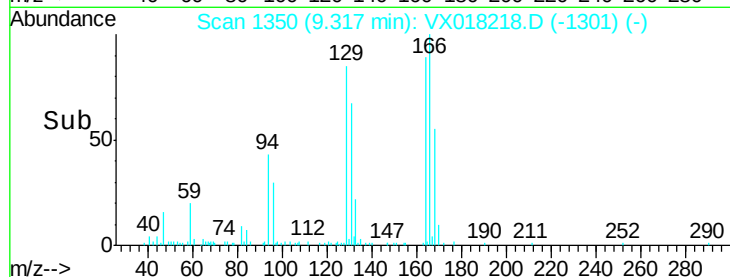
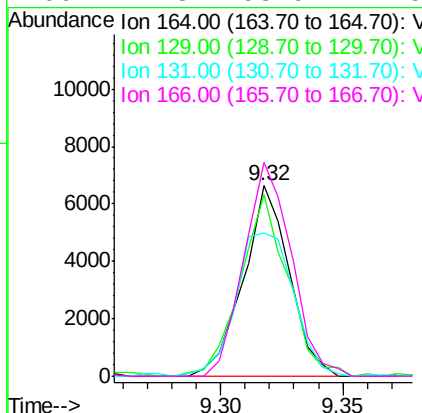
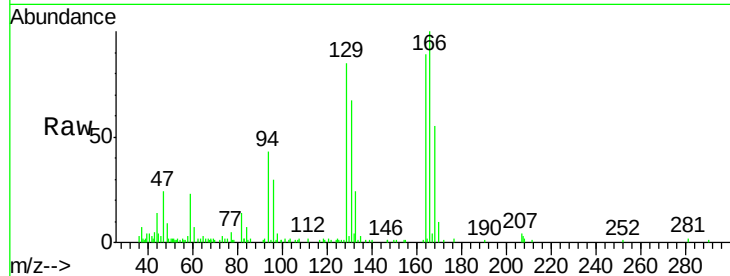
#46
Tetrachloroethene
Concen: 2.086 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
164	100		
129	95.6	72.0	133.6
131	75.2	66.8	124.2
166	112.3	93.9	174.5

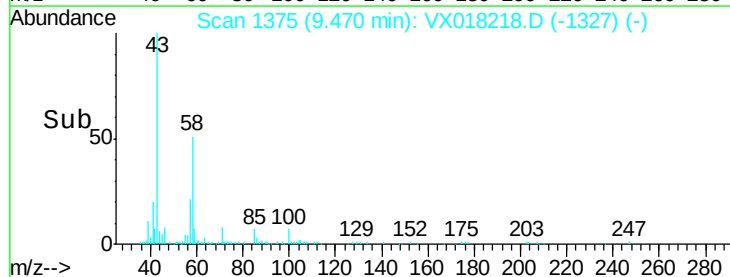
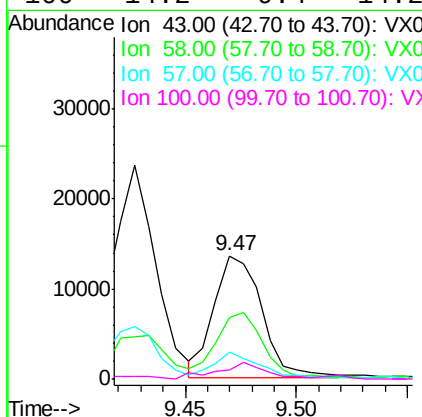
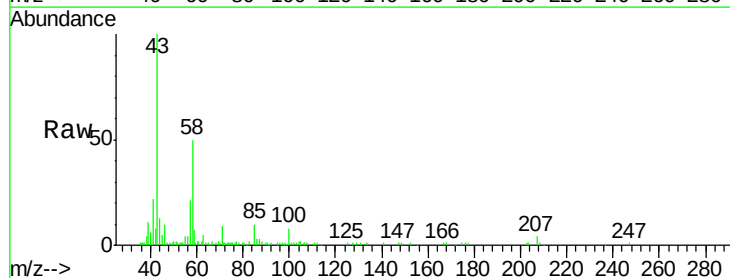
Manual Integrations
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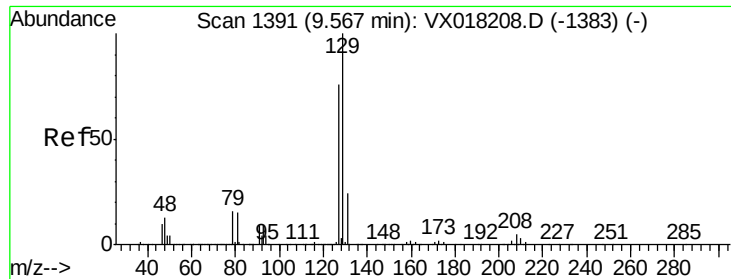
MMDadoda
9/3/2020 9:54:12 AM



#48
2-Hexanone
Concen: 3.728 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.1	41.8	62.8
57	20.8	15.2	22.8
100	14.2	9.4	14.2#





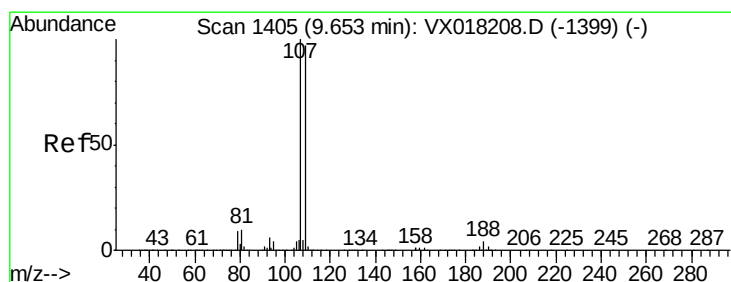
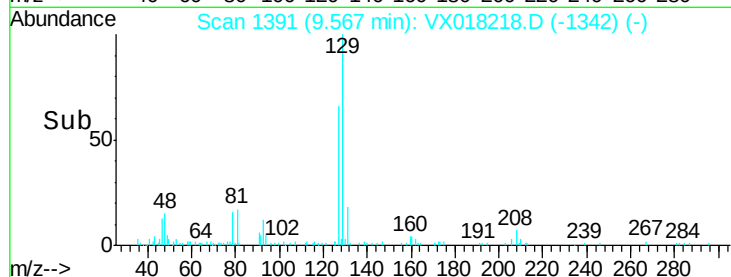
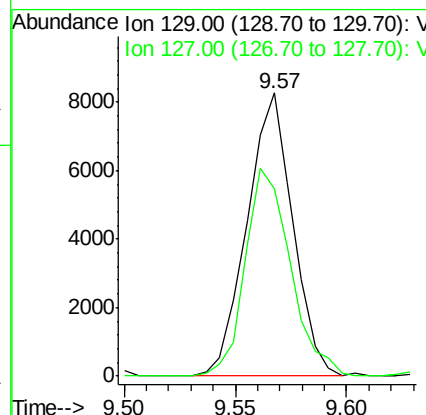
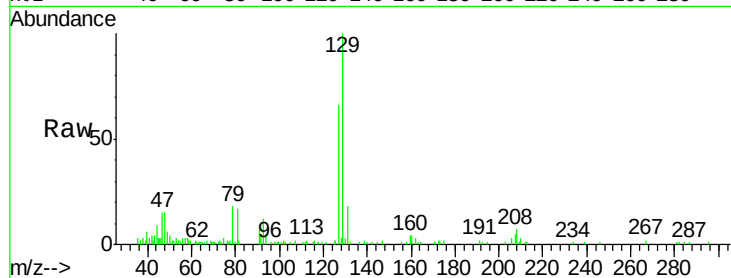
#49
Dibromochloromethane
Concen: 1.952 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
129	100		
127	66.3	53.1	98.5

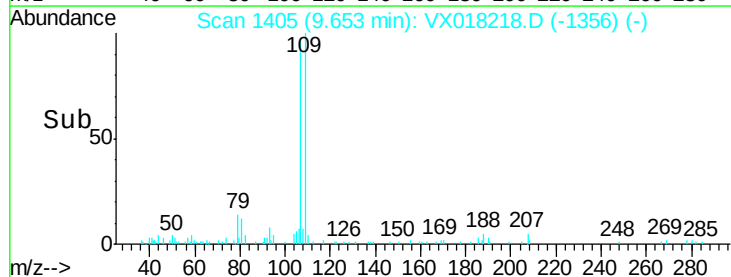
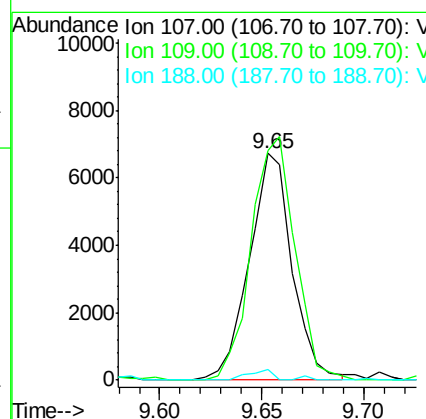
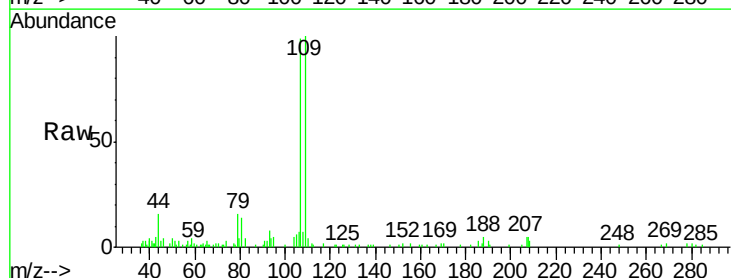
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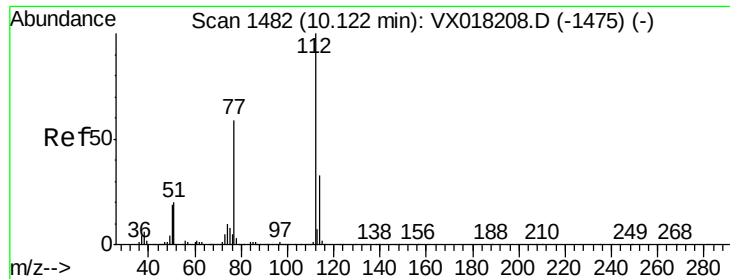
MMDadoda
9/3/2020 9:54:12 AM



#50
1,2-Dibromoethane
Concen: 1.878 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
107	100		
109	101.1	68.0	126.2
188	4.7	2.8	4.2#





#51

Chlorobenzene

Concen: 1.992 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

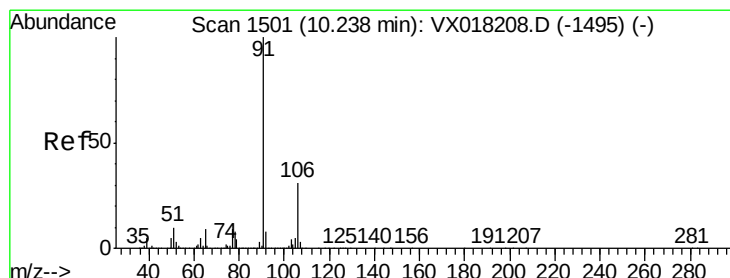
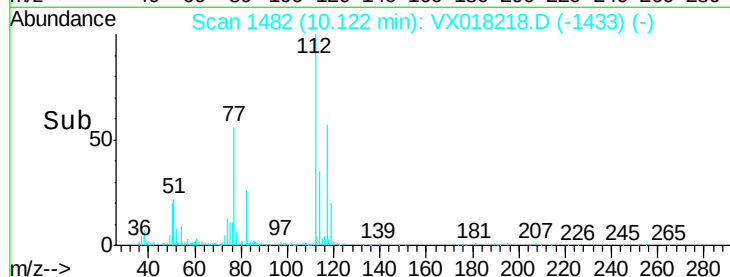
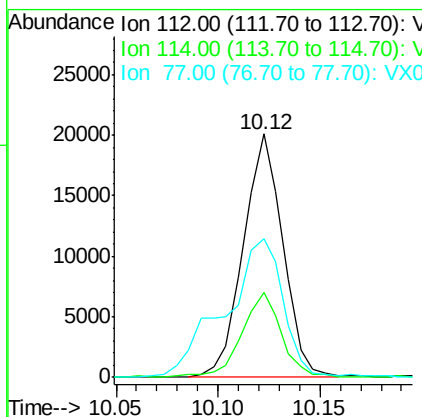
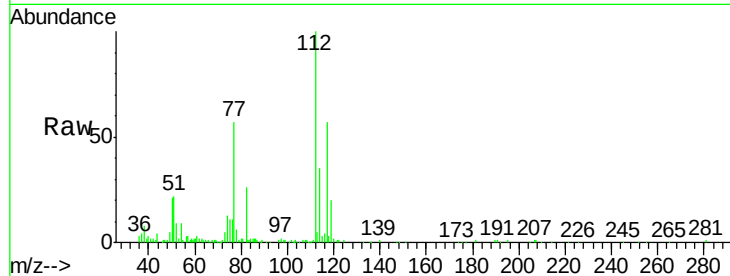
ClientSampled :

MDL06

Tot Ion:	112	Resp:	27086
Ion Ratio	Lower	Upper	
112	100		
114	35.1	23.2	43.2
77	56.8	47.0	70.6

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#52

Ethylbenzene

Concen: 1.861 ug/L

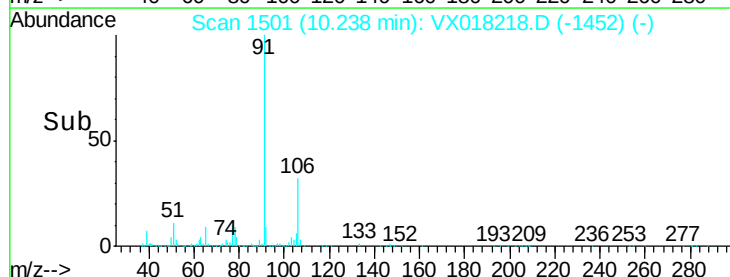
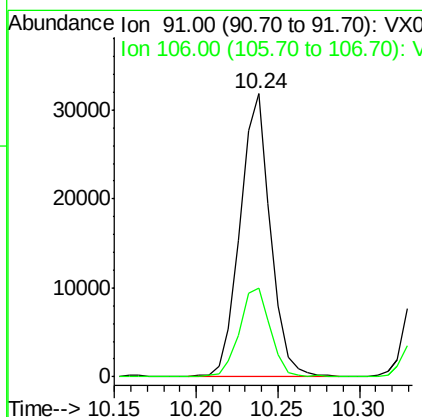
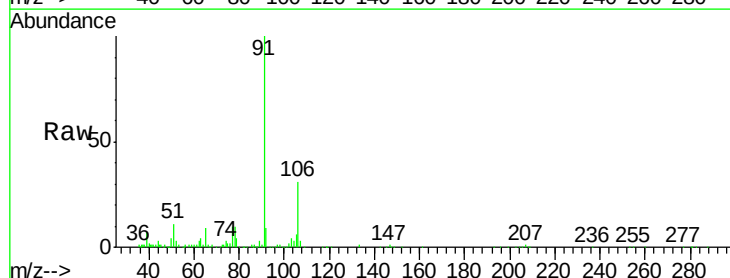
RT: 10.24 min Scan# 1501

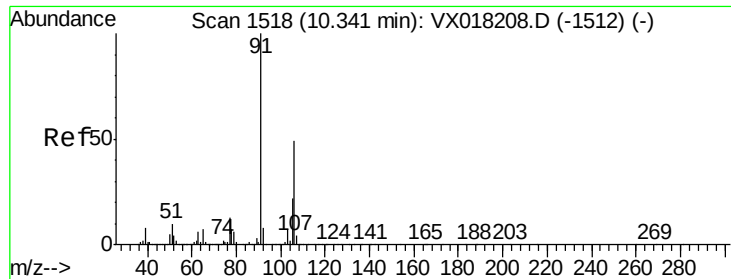
Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Tgt Ion:	91	Resp:	41422
Ion Ratio	Lower	Upper	
91	100		
106	31.3	21.9	40.7





#53

m,p-Xylene

Concen: 1.776 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

ClientSampled :

MDL06

Tot Ion:106 Resp: 15097

Ion Ratio Lower Upper

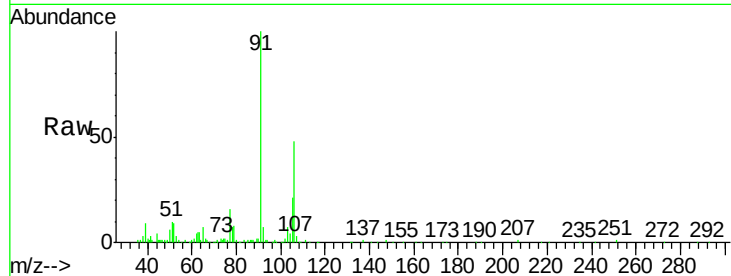
106 100

91 207.5 142.2 264.2

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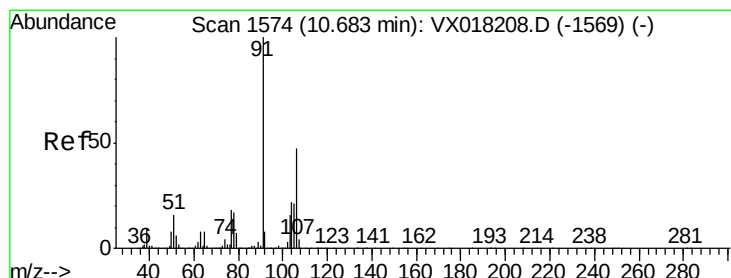
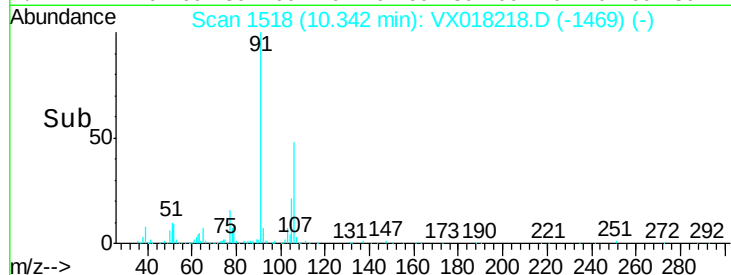
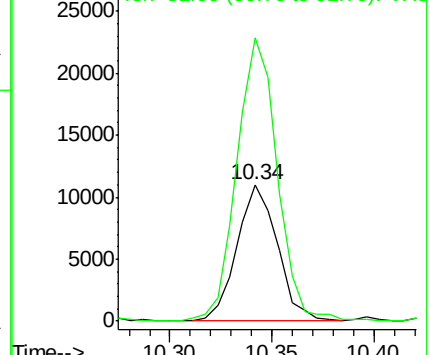
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#54

o-xylene

Concen: 1.695 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018218.D

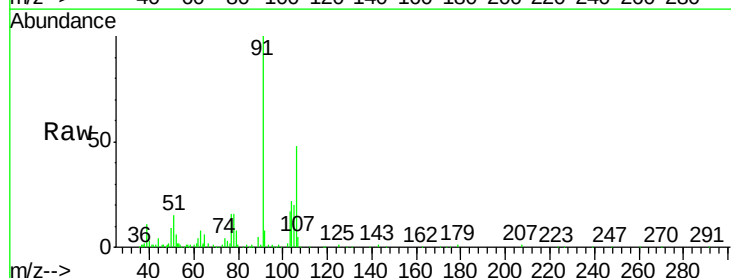
Acq: 02 Sep 2020 16:12

Tgt Ion:106 Resp: 13756

Ion Ratio Lower Upper

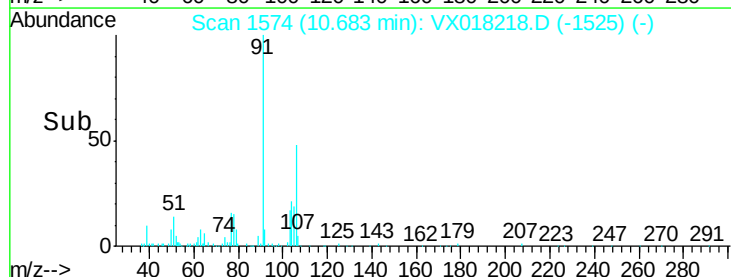
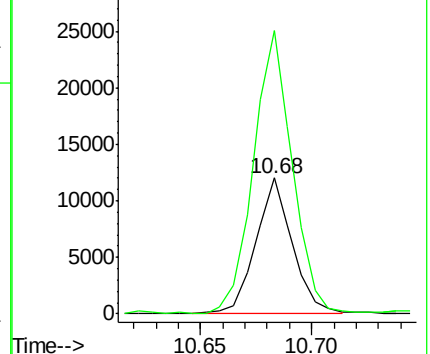
106 100

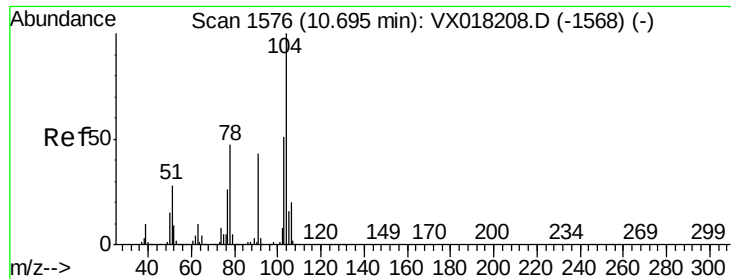
91 208.8 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





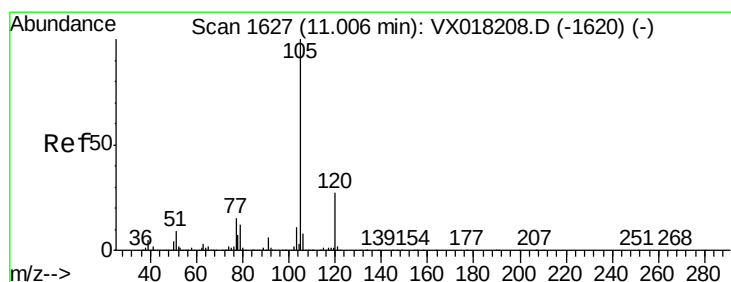
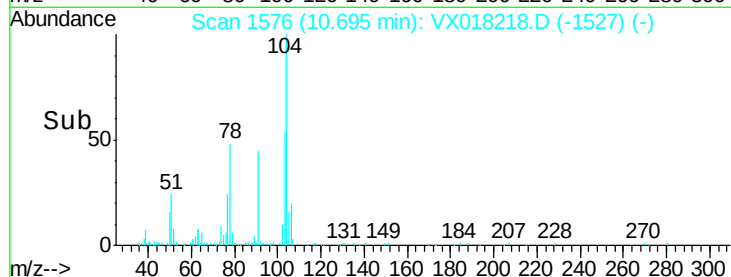
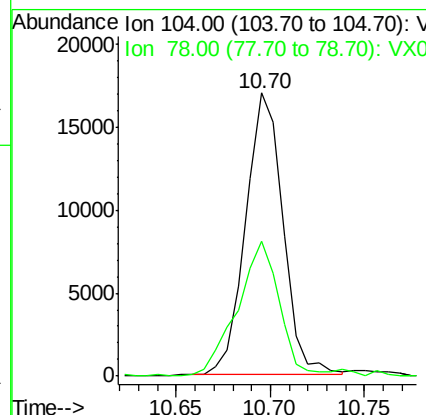
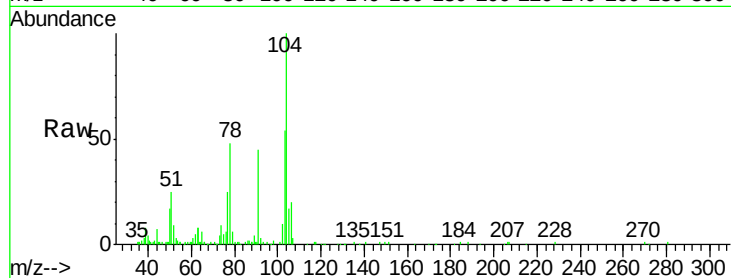
#55
Stvrene
Concen: 1.660 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	33.1	61.5

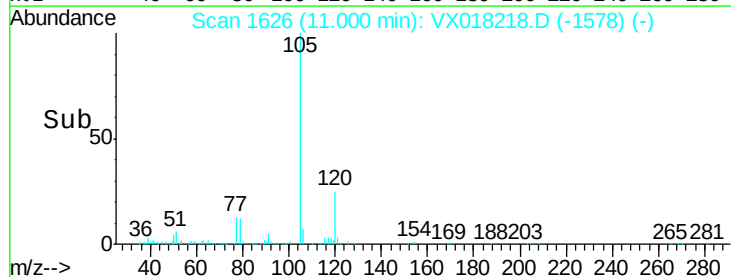
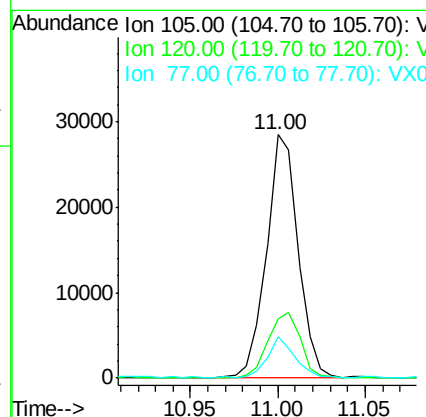
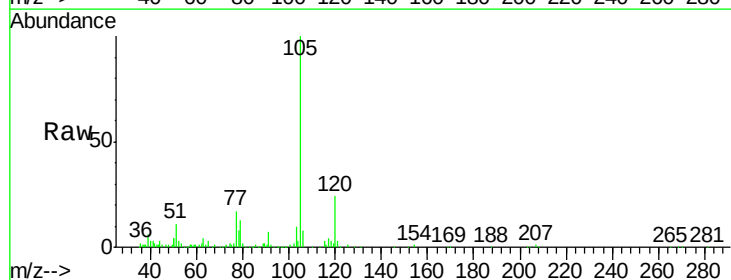
Manual Integrations
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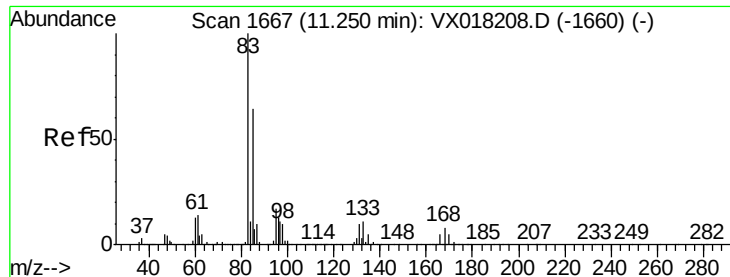
MMDadoda
9/3/2020 9:54:12 AM



#56
Isopropylbenzene
Concen: 1.661 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VX018218.D
Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.3	31.9
77	14.8	12.7	19.1





#58

1,1,2,2-Tetrachloroethane

Concen: 2.120 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

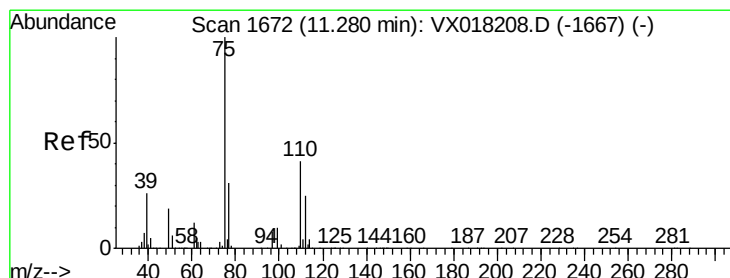
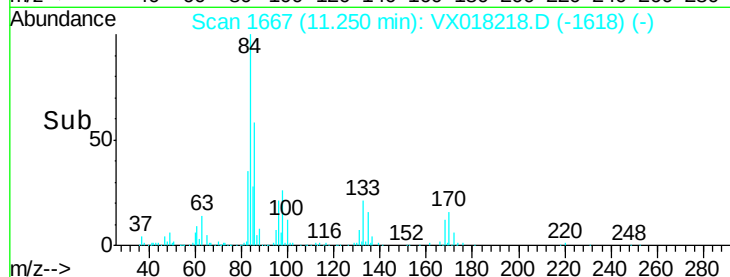
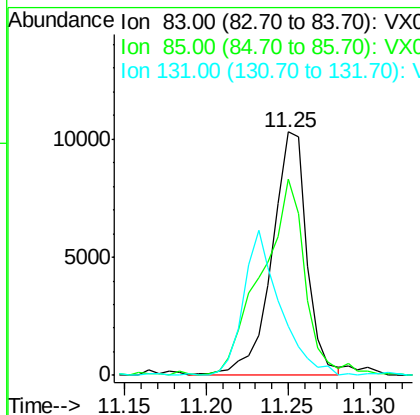
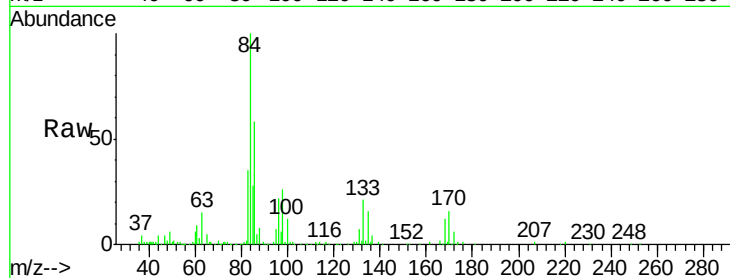
ClientSampled :

MDL06

Tot Ion:	83	Resp:	15395
Ion Ratio	Lower	Upper	
83	100		
85	80.6	44.6	82.8
131	20.3	8.0	12.0#

Manual Integrations
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MMDadoda
9/3/2020 9:54:12 AM



#59

1,2,3-Trichloropropane

Concen: 1.887 ug/L

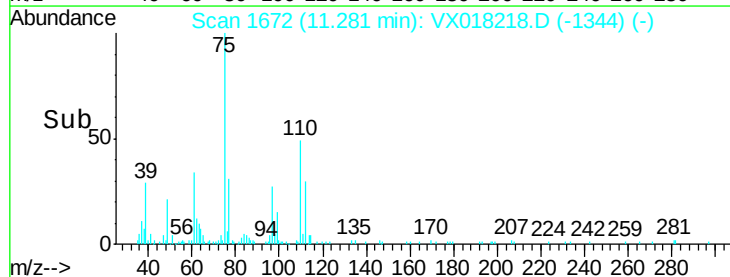
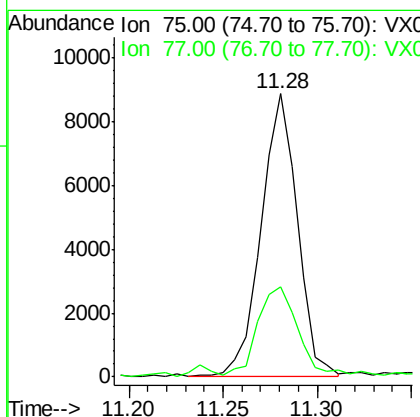
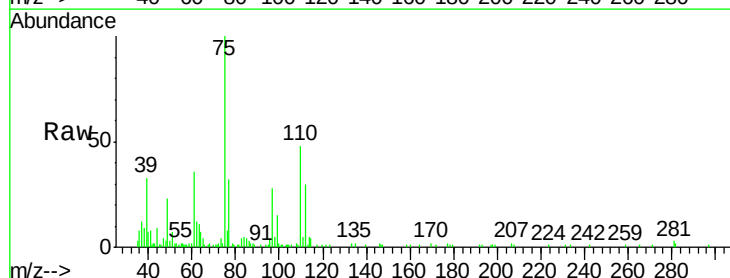
RT: 11.28 min Scan# 1672

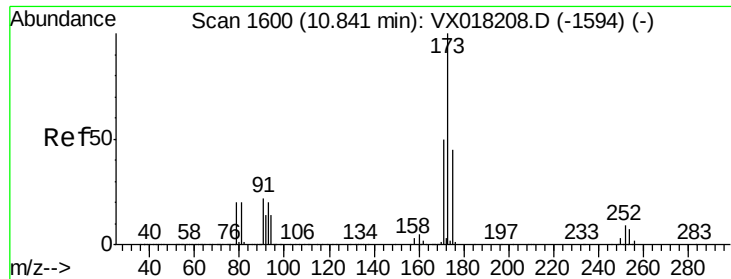
Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Tgt Ion:	75	Resp:	11873
Ion Ratio	Lower	Upper	
75	100		
77	33.2	25.8	38.8





#61

Bromoform

Concen: 2.121 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

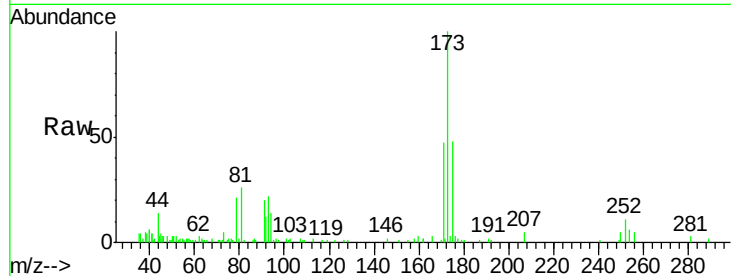
ClientSampled :

MDL06

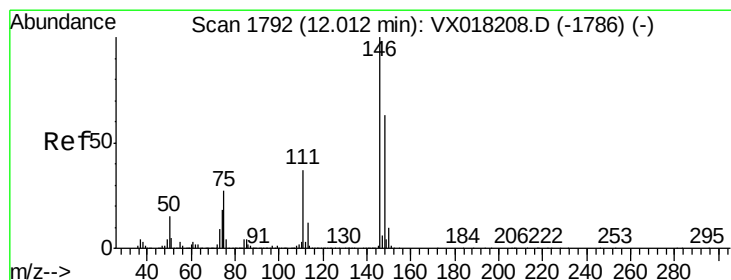
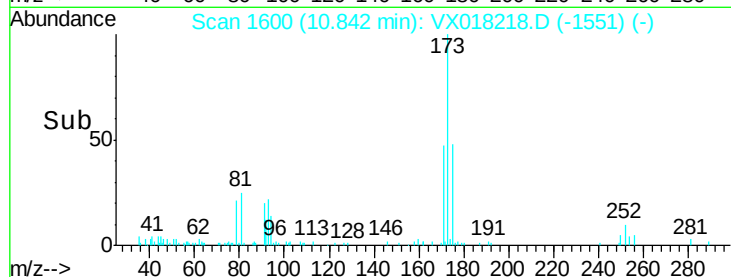
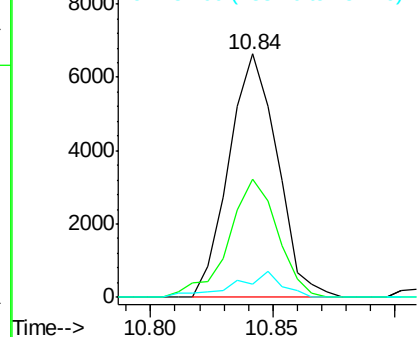
Tot Ion:	173	Resp:	9150
Ion Ratio	Lower	Upper	
173	100		
175	49.1	37.9	56.9
254	10.4	6.6	10.0#

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Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#62

1,3-Dichlorobenzene

Concen: 1.833 ug/L

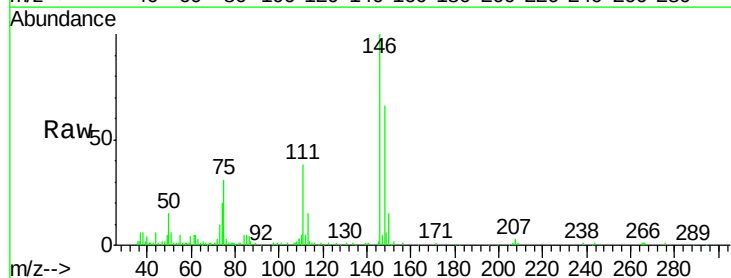
RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

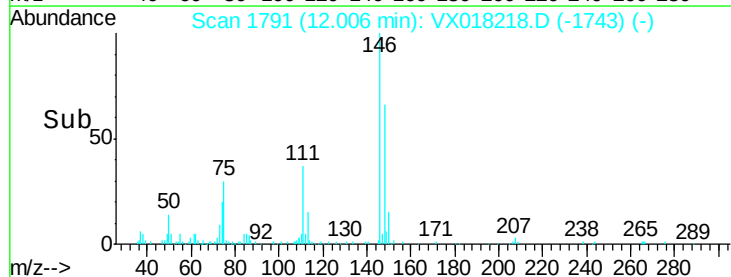
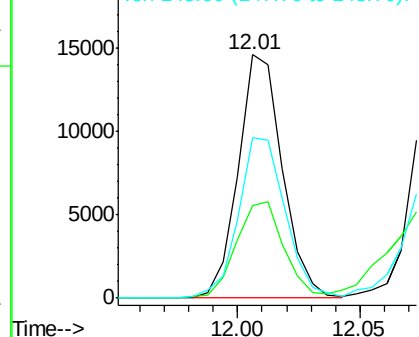
Lab File: VX018218.D

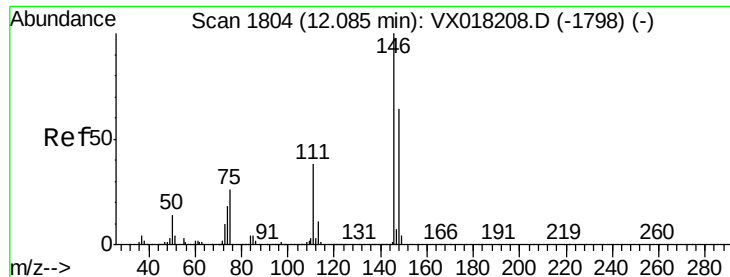
Acq: 02 Sep 2020 16:12

Tgt Ion:	146	Resp:	18320
Ion Ratio	Lower	Upper	
146	100		
111	38.0	26.2	48.6
148	65.7	44.2	82.2



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





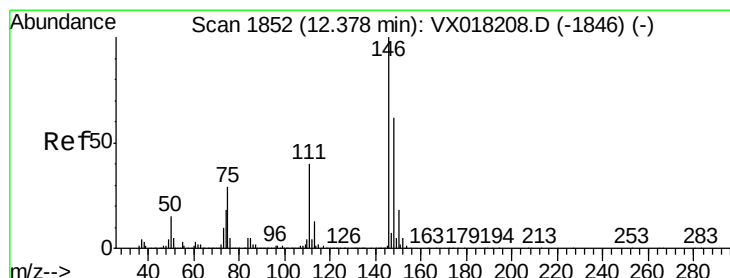
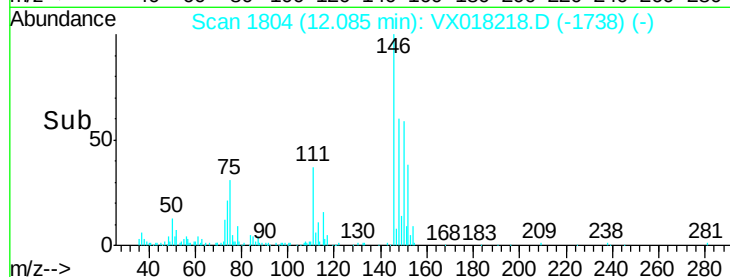
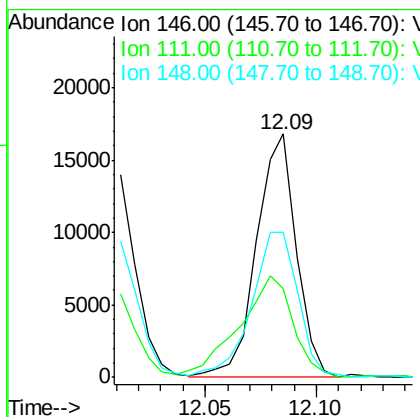
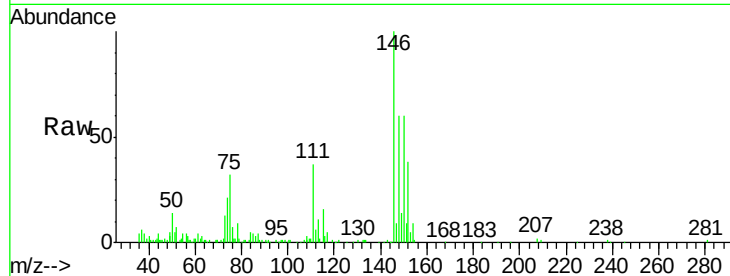
#63
 1,4-Dichlorobenzene
 Concen: 2.052 ug/L
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	26.5	49.1
148	59.7	44.5	82.7

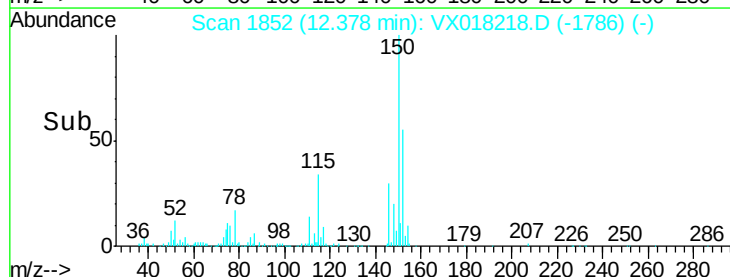
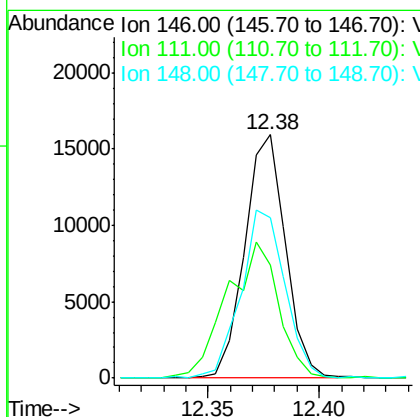
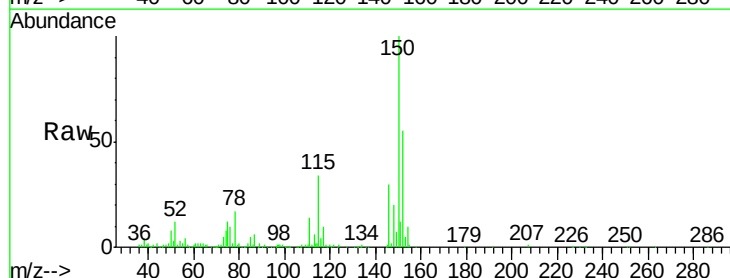
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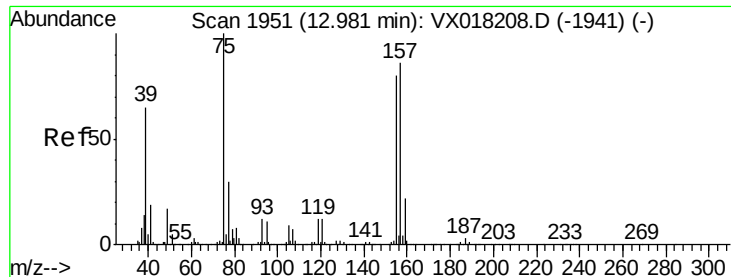
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#65
 1,2-Dichlorobenzene
 Concen: 2.116 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	32.4	48.6
148	65.8	49.7	74.5





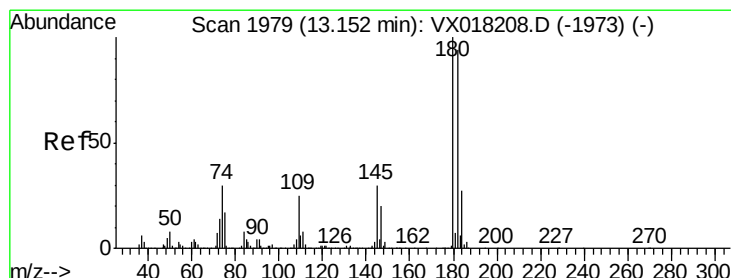
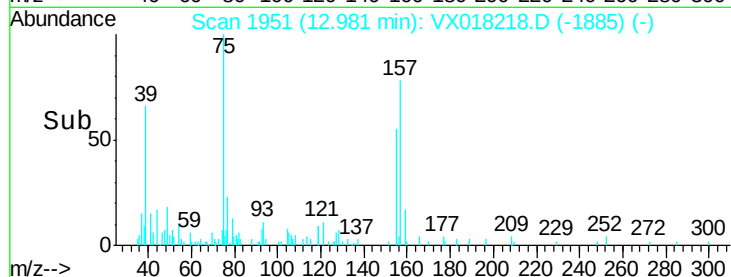
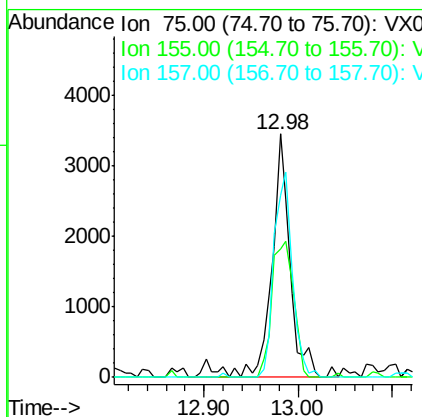
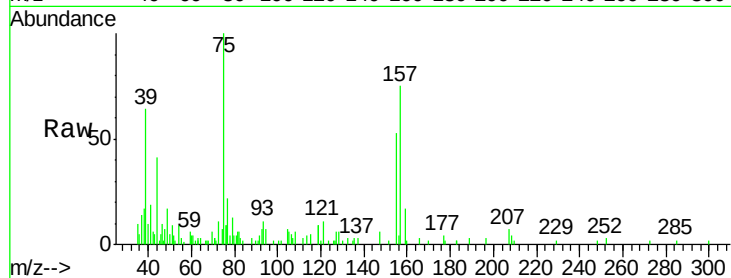
#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.691 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
75	100		
155	52.9	63.8	95.8#
157	75.0	68.5	102.7

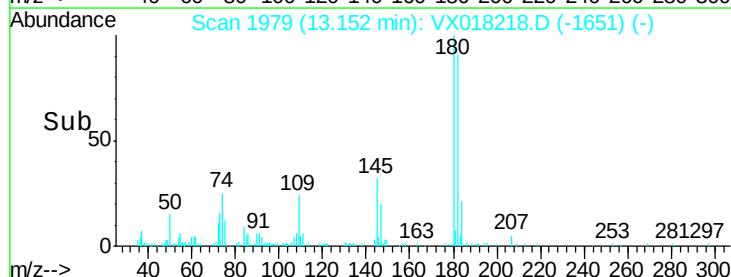
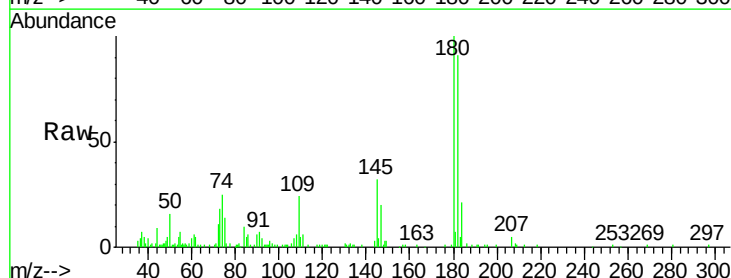
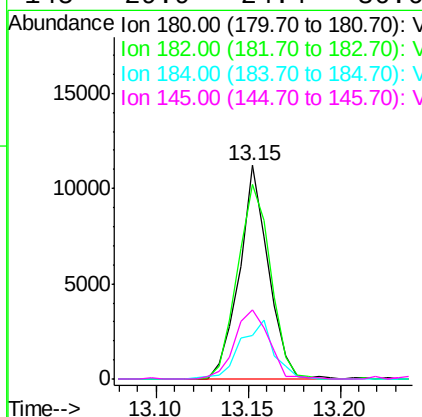
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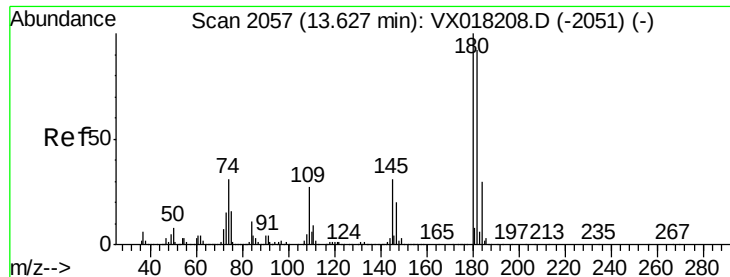
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#67
 1,3,5-Trichlorobenzene
 Concen: 1.888 ug/L m
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.0	77.1	115.7
184	28.5	23.8	35.6
145	29.9	24.4	36.6





#68

1,2,4-trichlorobenzene

Concen: 2.013 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 16:12

Instrument :

MSVOA_X

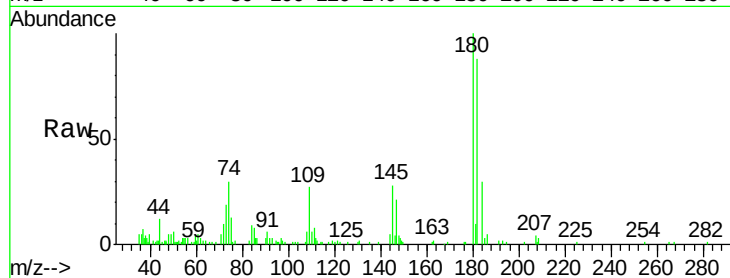
ClientSampled :

MDL06

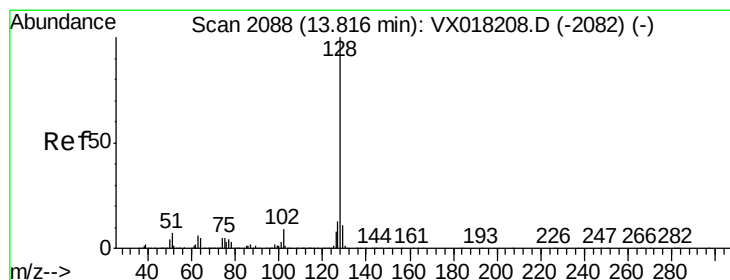
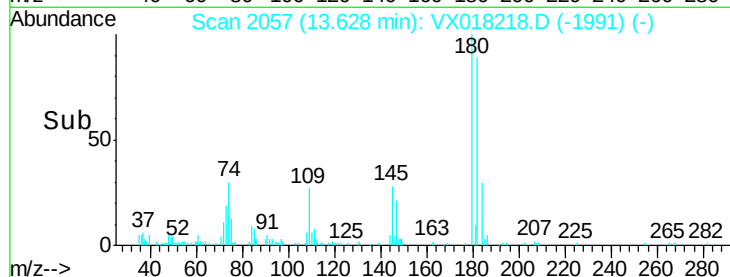
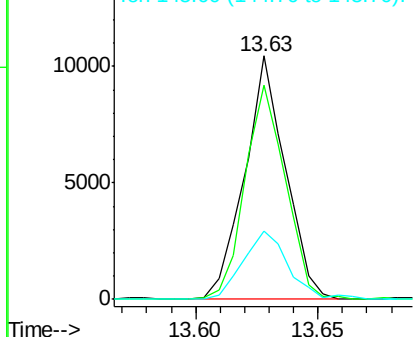
Tot Ion:	180	Resp:	12111
Ion Ratio	Lower	Upper	
180	100		
182	87.4	74.1	111.1
145	30.4	25.0	37.4

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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: 1.673 ug/L

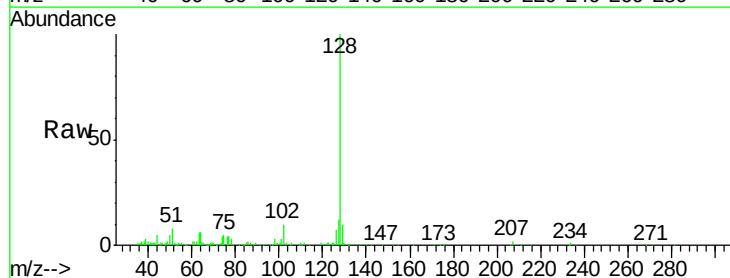
RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

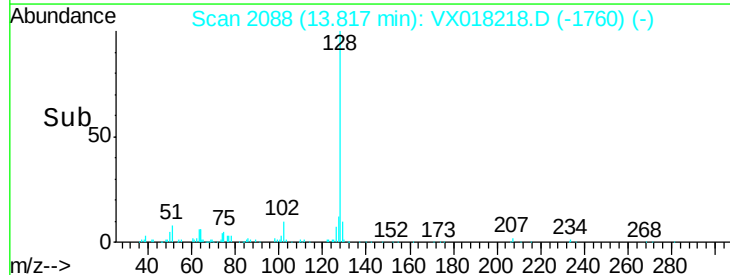
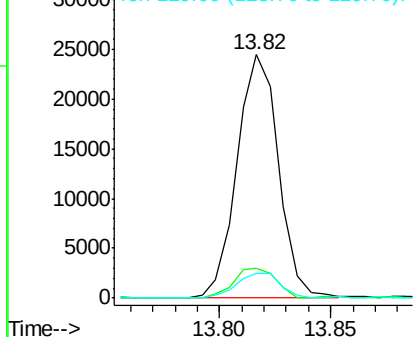
Lab File: VX018218.D

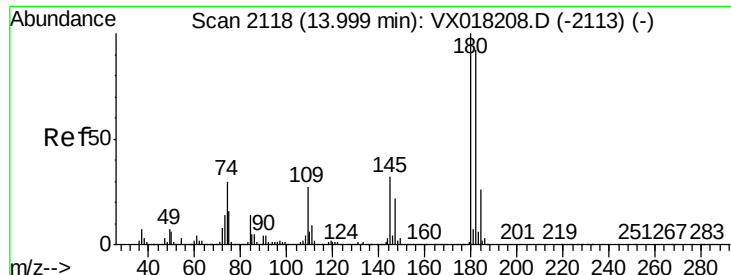
Acq: 02 Sep 2020 16:12

Tgt Ion:	128	Resp:	31825
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.0	15.0
129	11.1	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 1.879 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018218.D
 Acq: 02 Sep 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.0	115.4
145	31.5	27.2	40.8

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