

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072120\
 Data File : VX017460.D
 Acq On : 21 Jul 2020 17:34
 Operator : JC/SP
 Sample : MDL06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 9:11:17 AM

Quant Time: Jul 22 06:56:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 06:14:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	394372	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	373829	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	169918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127699	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.69	69	90275	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.34	63	195651	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.53	46	266982	46.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	5.14	84	235567	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	6.03	65	130341	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	6.05	84	448689	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.37	67	139338	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	8.70	98	416335	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
45) trans-1,3-Dichloropropene-	8.99	79	57060	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
48) 2-Hexanone-d5	9.43	63	203322	48.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.90%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	91631	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	145123	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	10292	0.237 ug/L	90
3) Chloromethane	1.31	50	8998	0.223 ug/L	95
5) Vinyl chloride	1.39	62	9202m	0.239 ug/L	
6) Bromomethane	1.64	94	4654	0.223 ug/L	83
8) Chloroethane	1.71	64	5181	0.245 ug/L	96
9) Trichlorofluoromethane	1.92	101	11900	0.215 ug/L #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	8785	0.293 ug/L	93
12) 1,1-Dichloroethene	2.36	96	7809	0.280 ug/L #	1
13) Acetone	2.42	43	10521	2.275 ug/L	87
14) Carbon disulfide	2.55	76	20607	0.218 ug/L	97
15) Methyl Acetate	2.75	43	3765m	0.280 ug/L	
16) Methylene chloride	2.83	84	12776	0.333 ug/L	91
17) Methyl tert-butyl Ether	3.17	73	13862	0.209 ug/L #	78
18) trans-1,2-Dichloroethene	3.14	96	7293	0.245 ug/L	95
19) 1,1-Dichloroethane	3.67	63	12918	0.247 ug/L #	83
21) 2-Butanone	4.64	43	16525	2.244 ug/L	86
22) cis-1,2-Dichloroethene	4.57	96	8142	0.277 ug/L #	82

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 Quant Title : TRACE VOA SOM01.0
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.99	128	3794	0.268	ug/L #	72
25) Chloroform	5.18	83	17497	0.319	ug/L	99
27) 1,2-Dichloroethane	6.16	62	8514	0.241	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	12685	0.253	ug/L	96
30) Cyclohexane	5.54	56	10532	0.260	ug/L #	93
31) Carbon tetrachloride	5.76	117	10471	0.231	ug/L	97
33) Benzene	6.11	78	25768	0.234	ug/L	100
34) Trichloroethene	7.19	95	7515	0.253	ug/L	89
35) Methylcyclohexane	7.44	83	9972	0.248	ug/L	95
37) 1,2-Dichloropropane	7.48	63	6159	0.223	ug/L #	81
38) Bromodichloromethane	7.88	83	10118	0.273	ug/L #	93
39) cis-1,3-Dichloropropene	8.42	75	9367	0.234	ug/L	88
40) 4-Methyl-2-pentanone	8.62	43	34448	2.128	ug/L #	93
42) Toluene	8.76	91	26139	0.237	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	18396	0.179	ug/L	93
44) 1,2,4-Trimethylbenzene	11.79	105	17665	0.173	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	7931m	0.230	ug/L	
47) 1,1,2-Trichloroethane	9.20	97	5032	0.266	ug/L	91
49) Tetrachloroethene	9.31	164	6293	0.261	ug/L	82
50) 2-Hexanone	9.48	43	24540	2.077	ug/L #	85
51) Dibromochloromethane	9.57	129	6605	0.254	ug/L	99
52) 1,2-Dibromoethane	9.66	107	5000	0.266	ug/L #	82
53) Chlorobenzene	10.12	112	18020	0.240	ug/L	96
54) Ethylbenzene	10.24	91	27109	0.226	ug/L	94
55) m,p-xylene	10.35	106	10486	0.219	ug/L	84
56) o-xylene	10.68	106	9932	0.214	ug/L	98
57) Styrene	10.70	104	14662	0.190	ug/L	95
58) Isopropylbenzene	11.00	105	24201	0.202	ug/L	97
60) 1,1,2,2-Tetrachloroethane	11.26	83	5896	0.262	ug/L #	74
62) Bromoform	10.84	173	3337	0.245	ug/L #	79
63) 1,3-Dichlorobenzene	12.01	146	13371	0.244	ug/L	96
64) 1,4-Dichlorobenzene	12.09	146	13371	0.248	ug/L	95
66) 1,2-Dichlorobenzene	12.37	146	12482	0.246	ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.98	75	907	0.203	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	11798	0.256	ug/L	93
69) 1,2,4-trichlorobenzene	13.63	180	7588	0.225	ug/L	94
70) Naphthalene	13.82	128	13083	0.221	ug/L #	94
71) 1,2,3-Trichlorobenzene	14.00	180	7185	0.231	ug/L #	94

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

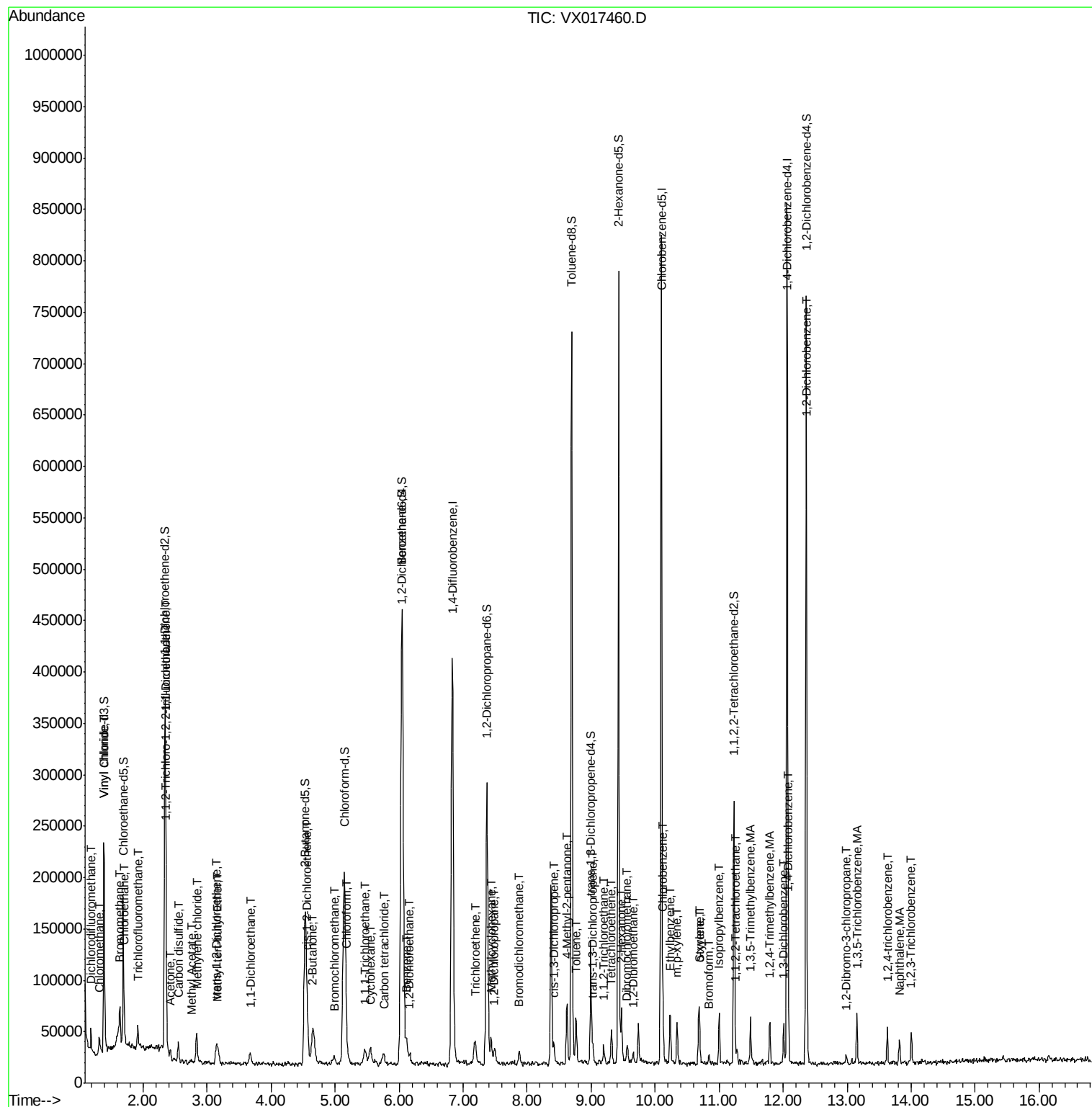
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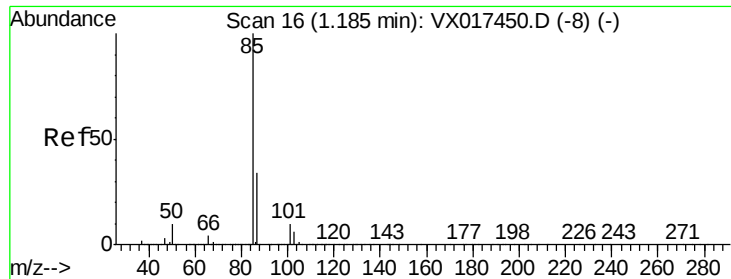
Instrument :
MSVOA_X
ClientSampleId :
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#2

Dichlorodifluoromethane

Concen: 0.237 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

ClientSampled :

MDL06

Tot Ion: 85 Resp: 10292

Ion Ratio Lower Upper

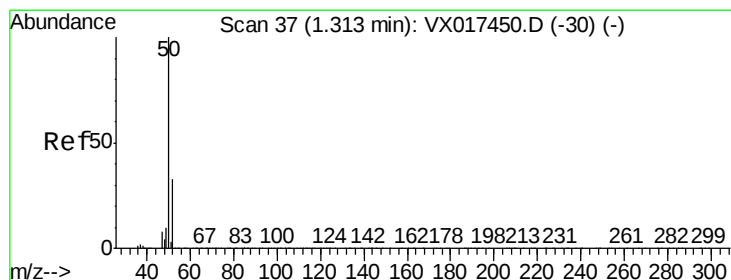
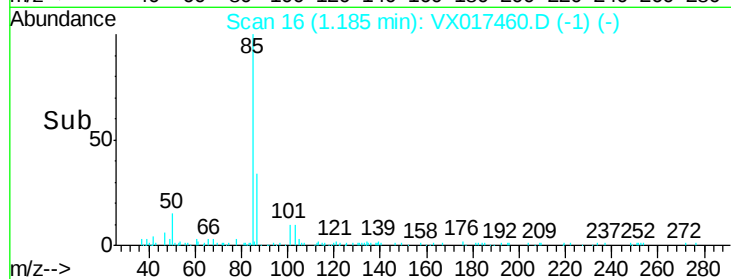
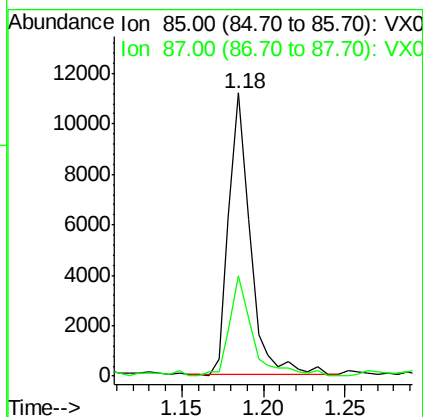
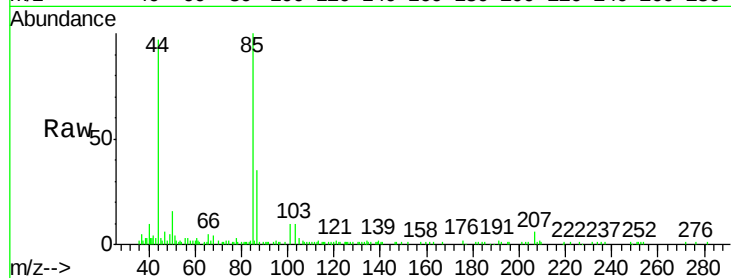
85 100

87 38.1 26.1 39.1

Manual Integrations
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#3

Chloromethane

Concen: 0.223 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017460.D

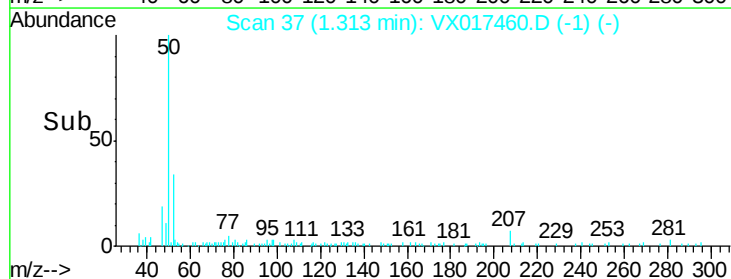
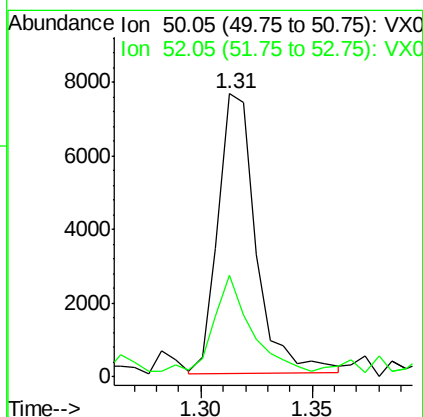
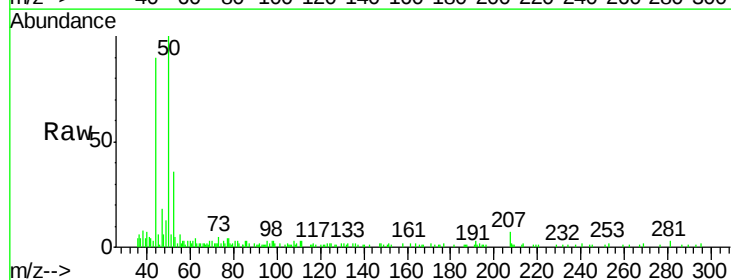
Acq: 21 Jul 2020 17:34

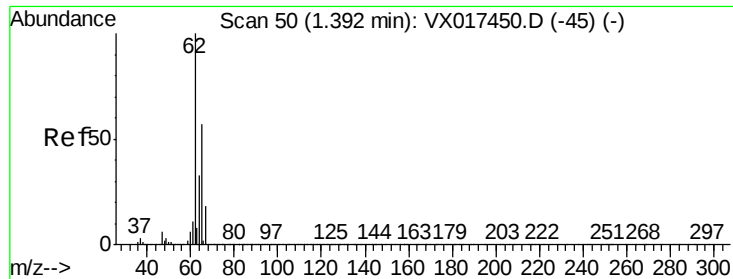
Tgt Ion: 50 Resp: 8998

Ion Ratio Lower Upper

50 100

52 36.0 23.2 43.2





#5

Vinyl chloride

Concen: 0.239 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

ClientSampled :

MDL06

Tot Ion: 62 Resp: 9202

Ion Ratio Lower Upper

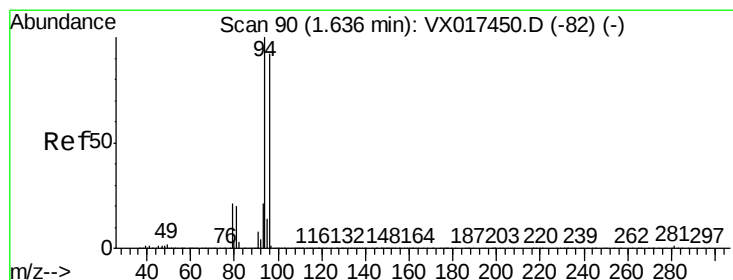
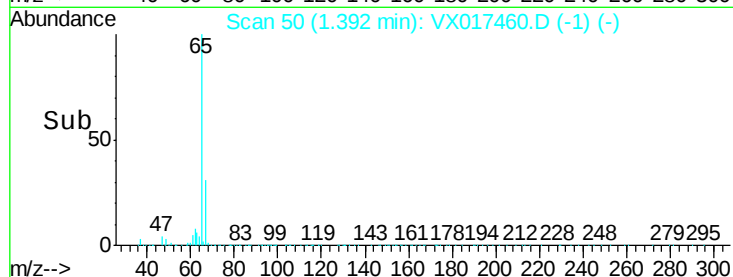
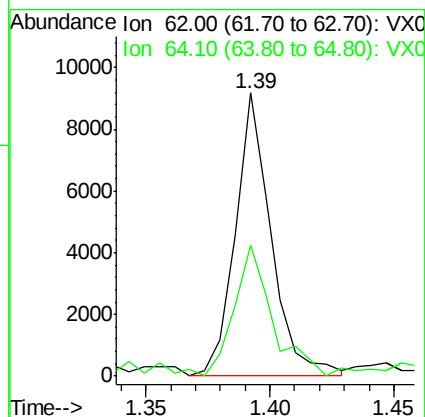
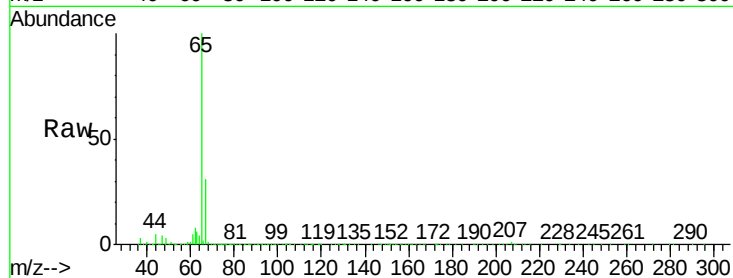
62 100

64 46.3 23.2 43.2#

Manual Integrations
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#6

Bromomethane

Concen: 0.223 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017460.D

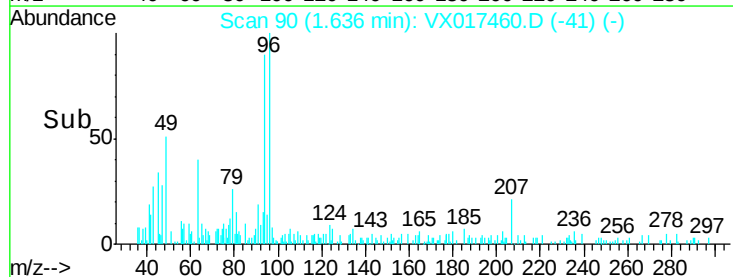
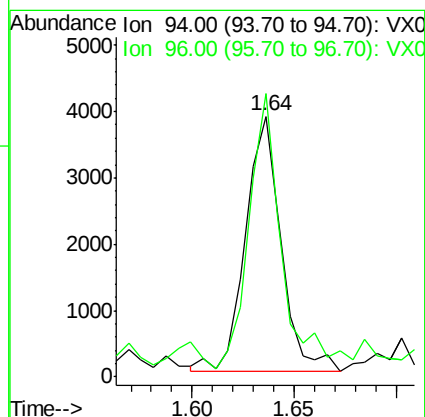
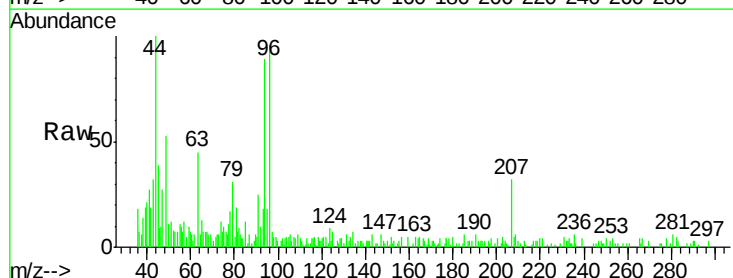
Acq: 21 Jul 2020 17:34

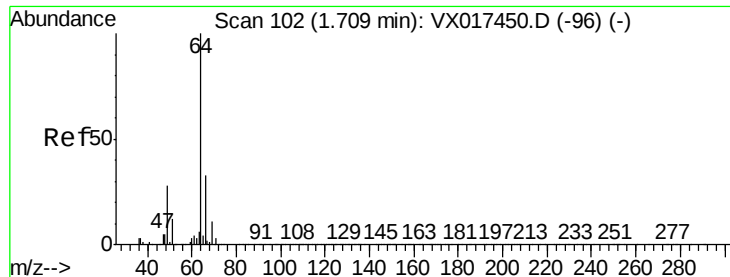
Tgt Ion: 94 Resp: 4654

Ion Ratio Lower Upper

94 100

96 108.5 64.8 120.4





#8

Chloroethane

Concen: 0.245 ug/L

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

ClientSampled :

MDL06

Tot Ion: 64 Resp: 5181

Ion Ratio Lower Upper

64 100

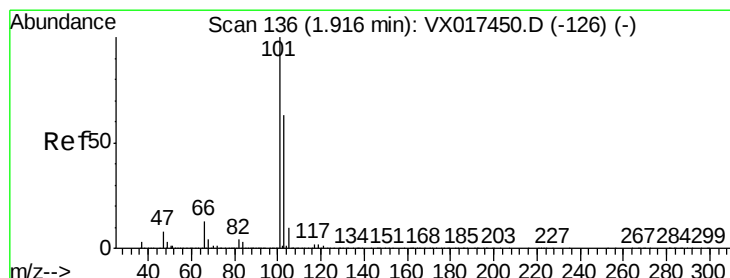
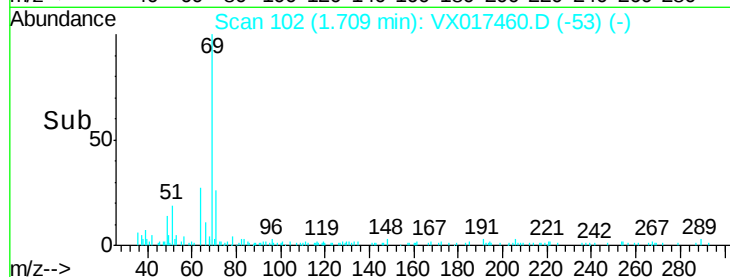
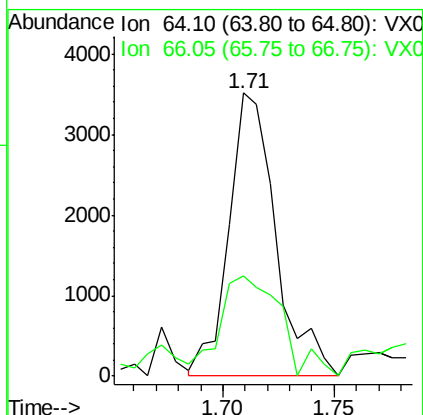
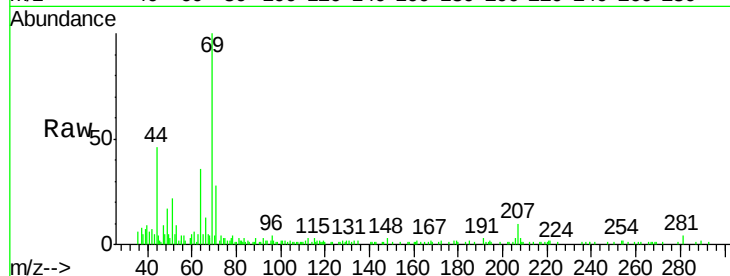
66 35.5 23.1 42.9

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 0.215 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX017460.D

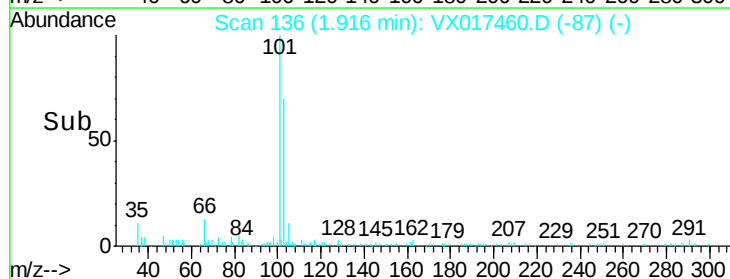
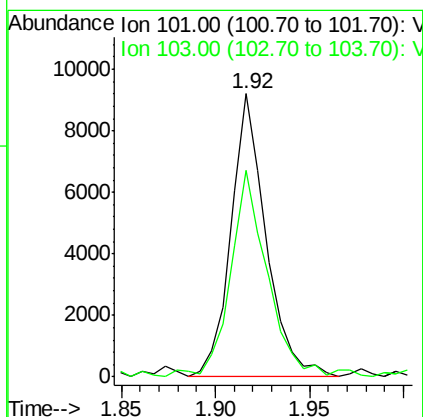
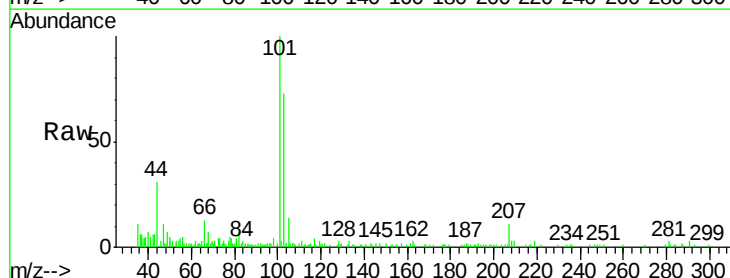
Acq: 21 Jul 2020 17:34

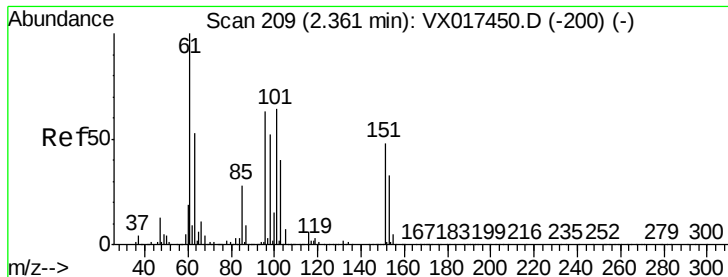
Tgt Ion: 101 Resp: 11900

Ion Ratio Lower Upper

101 100

103 78.0 51.4 77.2#





#10

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

Concen: 0.293 ug/L

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

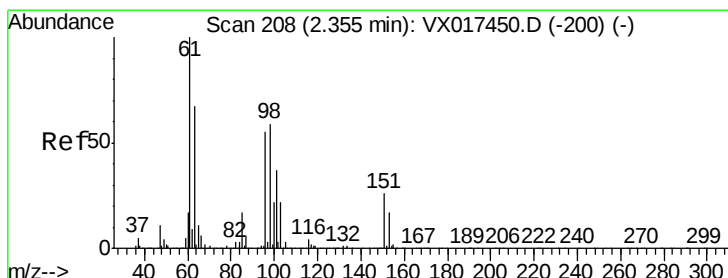
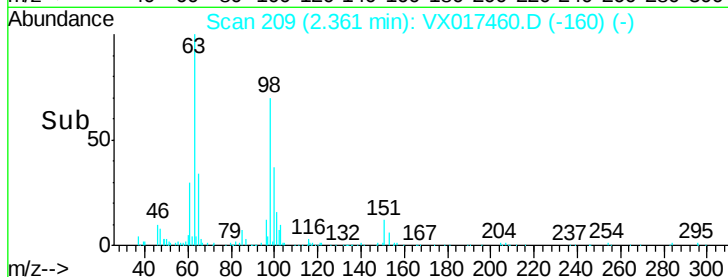
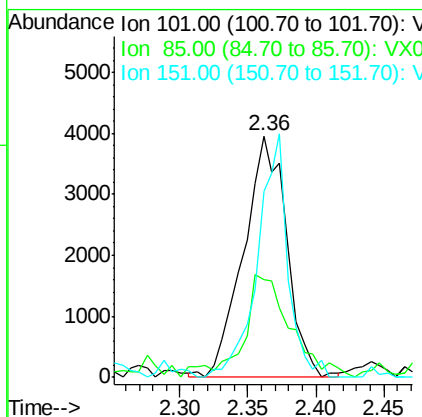
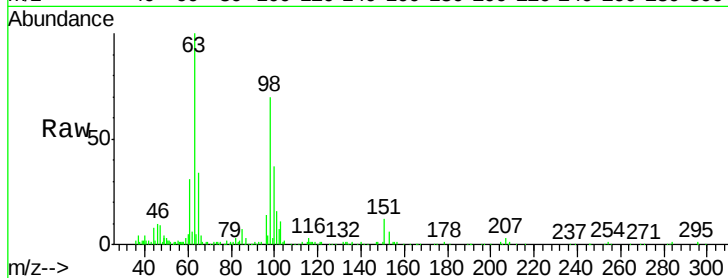
ClientSampled :

MDL06

Tot Ion:	101	Resp:	8785
Ion Ratio	Lower	Upper	
101	100		
85	47.0	35.3	52.9
151	70.9	62.3	93.5

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#12

1,1-Dichloroethene

Concen: 0.280 ug/L

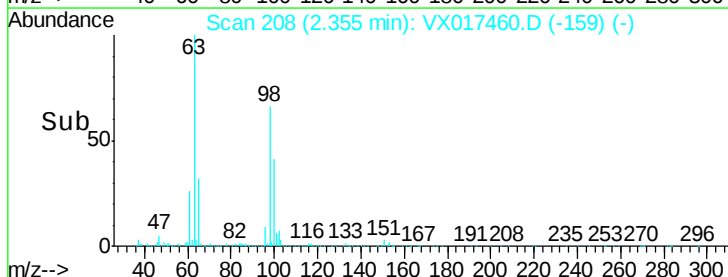
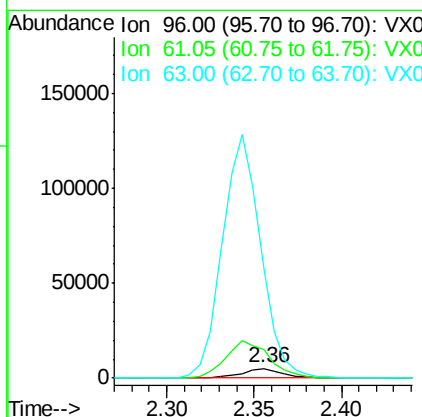
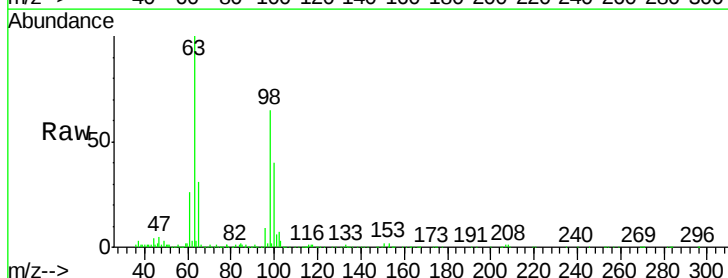
RT: 2.36 min Scan# 208

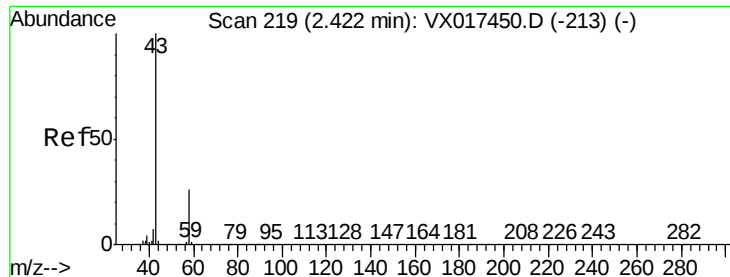
Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Tgt Ion:	96	Resp:	7809
Ion Ratio	Lower	Upper	
96	100		
61	293.6	126.5	234.9#
63	1112.0	85.6	159.0#





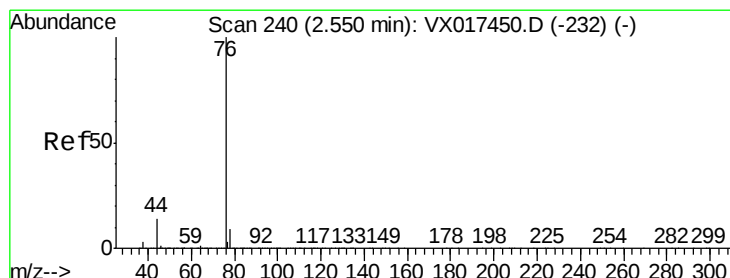
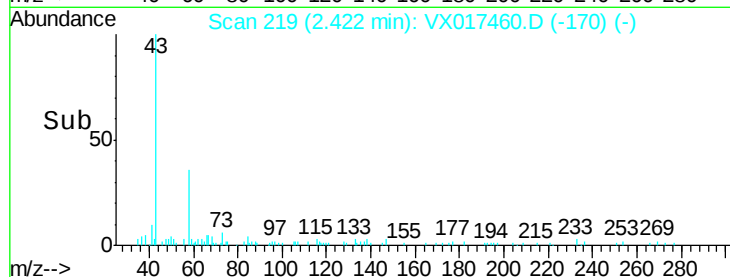
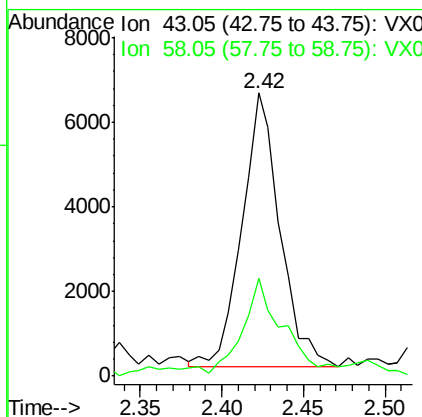
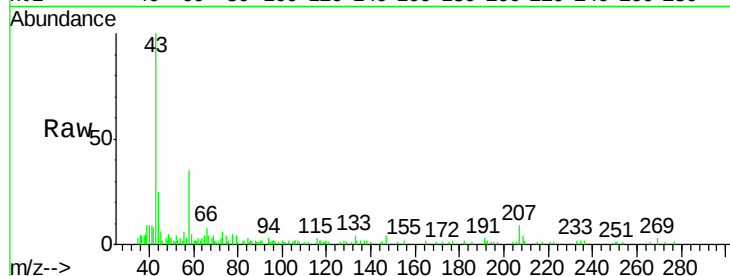
#13
Acetone
Concen: 2.275 ug/L
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX017460.D
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Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	36.3	0.0	58.6	

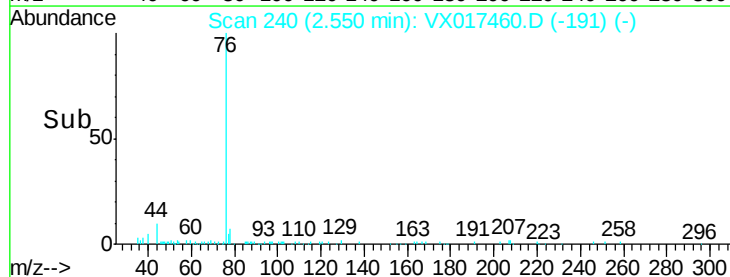
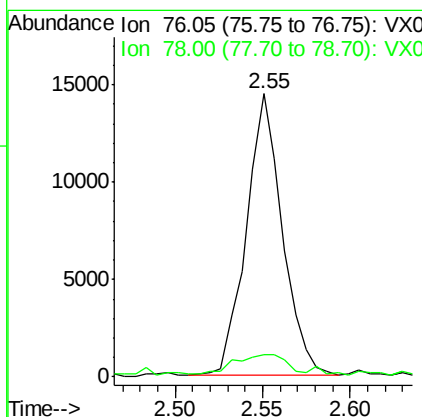
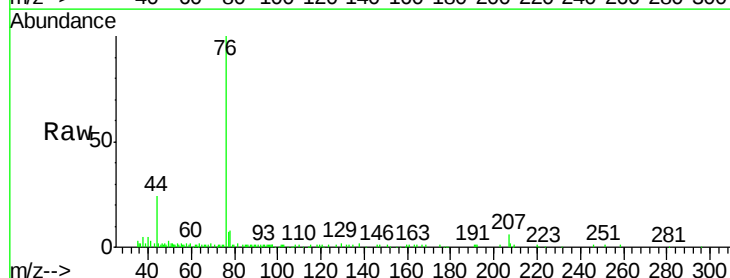
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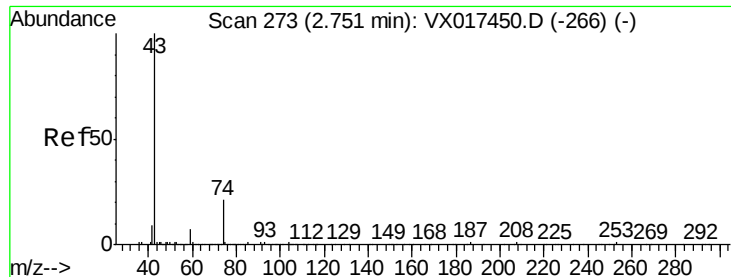
MMDadoda
7/22/2020 9:11:17 AM



#14
Carbon disulfide
Concen: 0.218 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
76	100			
78	8.0	7.3	10.9	





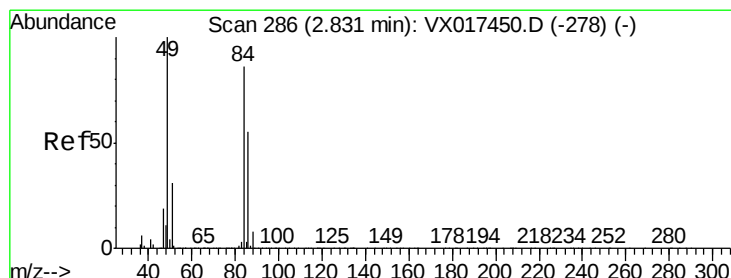
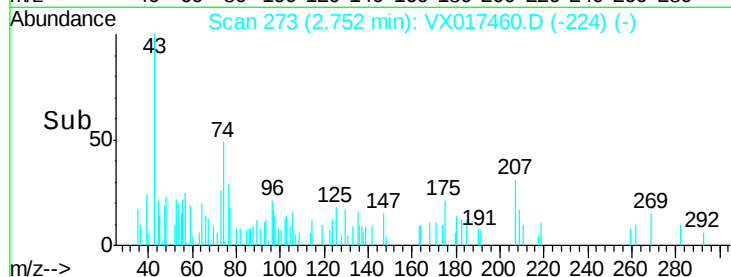
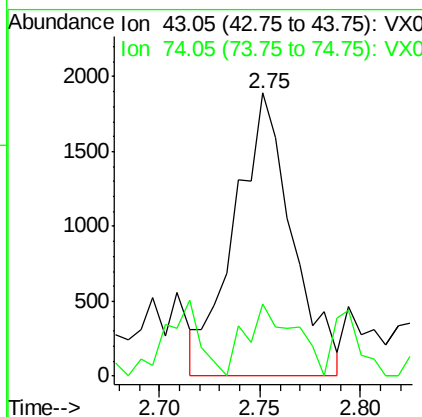
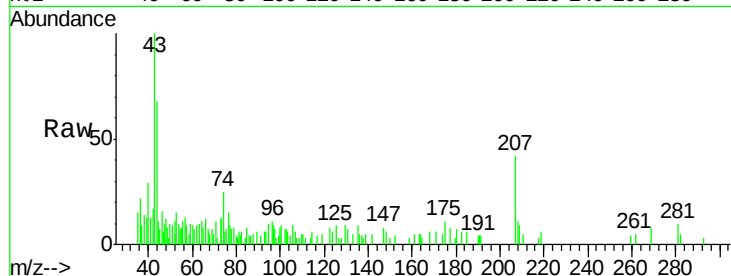
#15
Methvl Acetate
Concen: 0.280 ug/L m
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Instrument :
MSVOA_X
ClientSampled :
MDL06

Tot Ion: 43 Resp: 3765
Ion Ratio Lower Upper
43 100
74 21.5 17.6 26.4

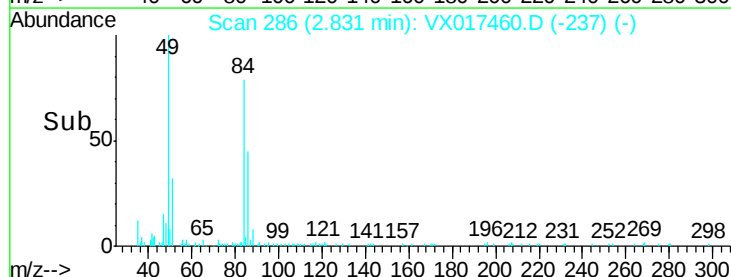
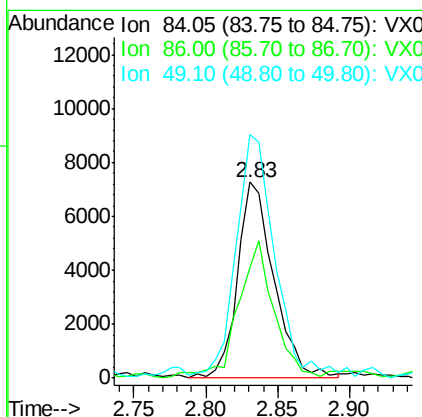
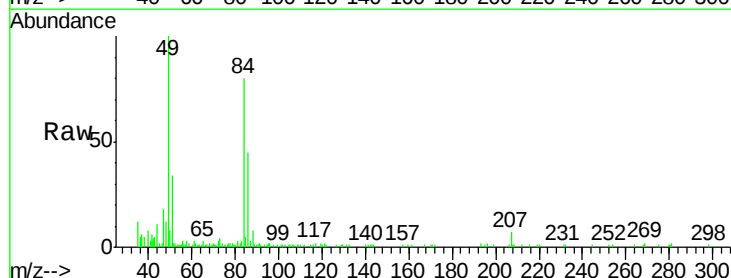
Manual Integrations
APPROVED

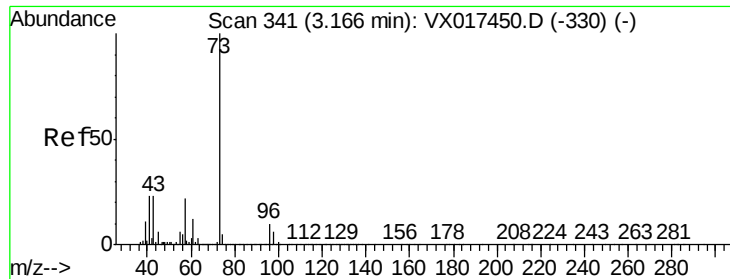
MMDadoda
7/22/2020 9:11:17 AM



#16
Methylene chloride
Concen: 0.333 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion: 84 Resp: 12776
Ion Ratio Lower Upper
84 100
86 56.2 44.8 83.2
49 124.5 81.0 150.4





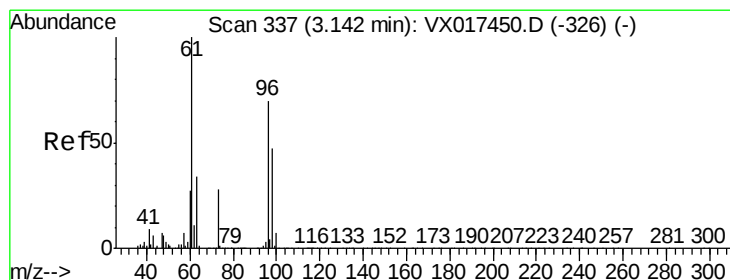
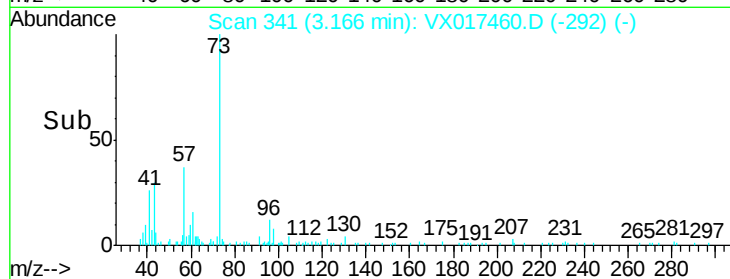
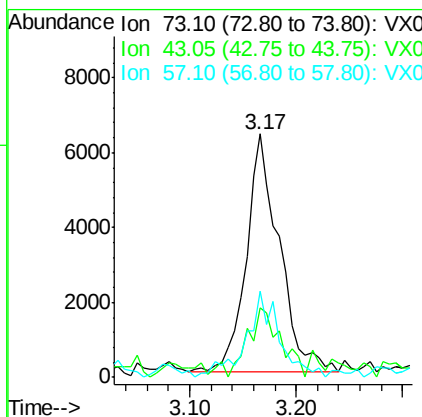
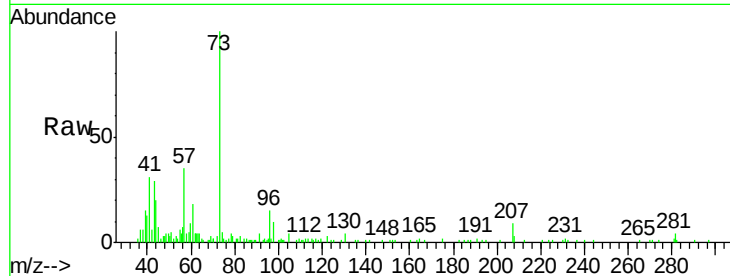
#17
Methvl tert-butvl Ether
Concen: 0.209 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
73	100		
43	29.0	17.8	26.6#
57	36.2	17.8	26.8#

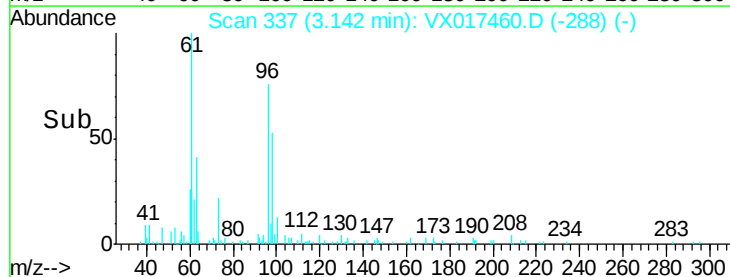
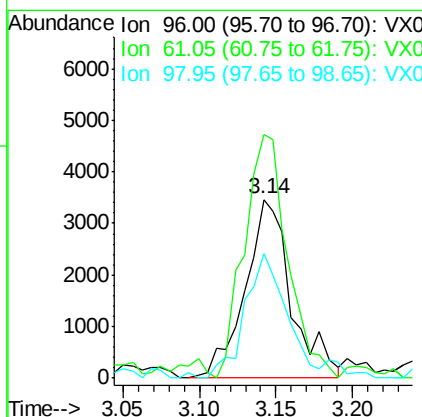
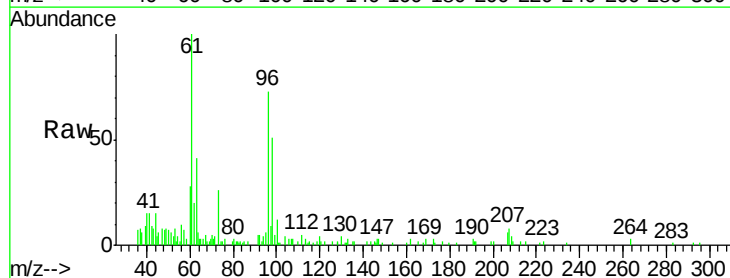
Manual Integrations
APPROVED

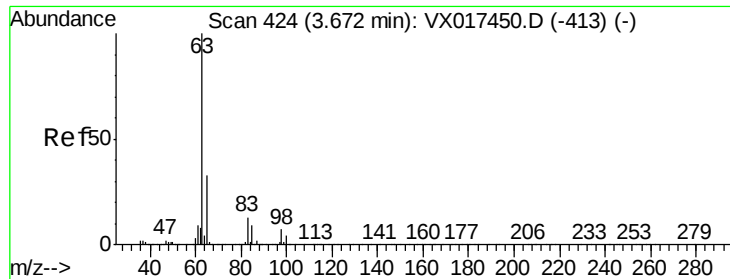
MMDadoda
7/22/2020 9:11:17 AM



#18
trans-1,2-Dichloroethene
Concen: 0.245 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.1	99.8	185.4
98	69.8	46.4	86.2





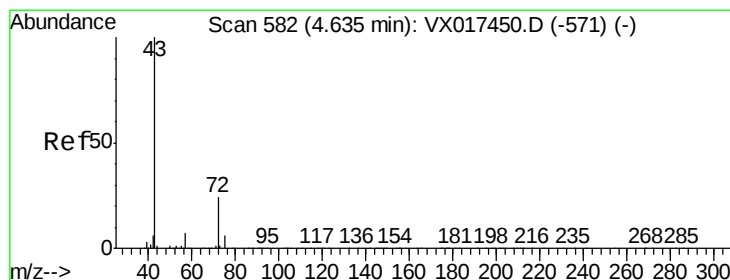
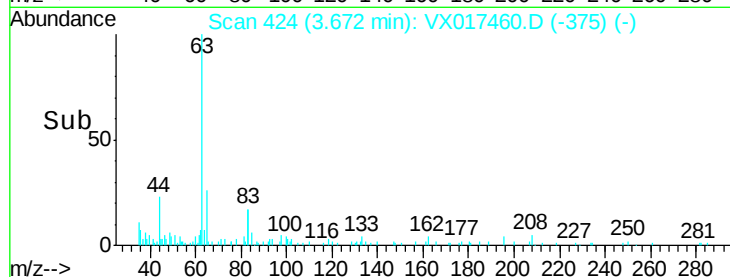
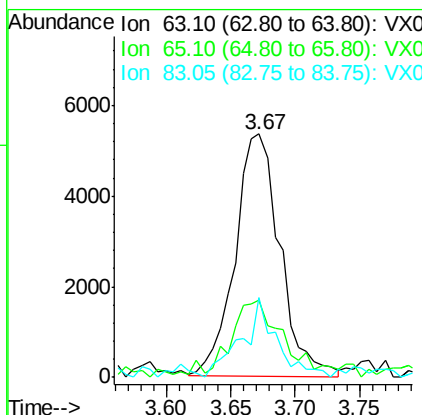
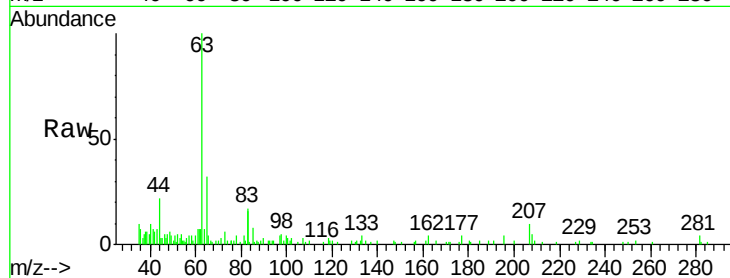
#19
 1,1-Dichloroethane
 Concen: 0.247 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Resp	Lower	Upper
63	100	12918		
65	35.8		23.2	43.2
83	33.0		9.4	17.4#

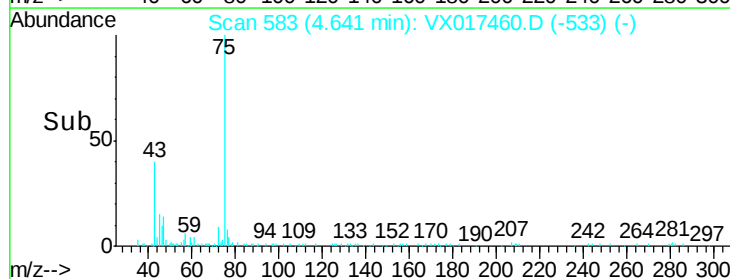
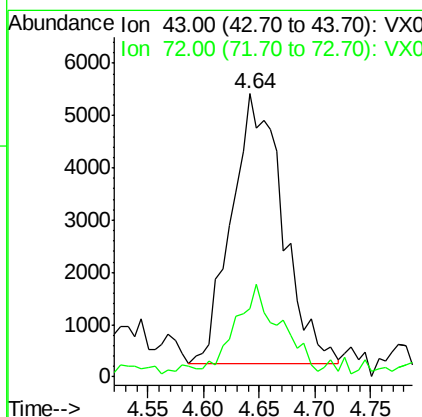
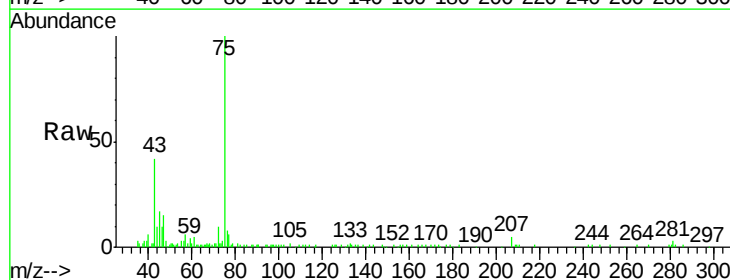
Manual Integrations
 APPROVED

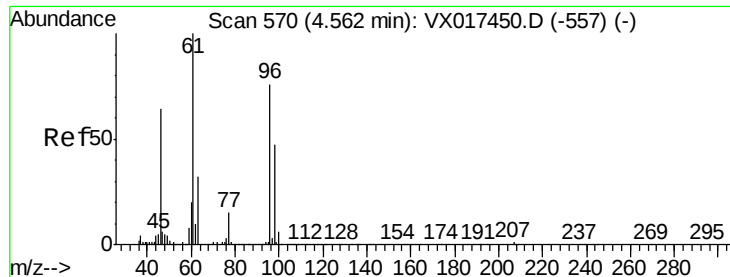
MMDadoda
 7/22/2020 9:11:17 AM



#21
 2-Butanone
 Concen: 2.244 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	16525		
72	31.3		12.1	36.3





#22

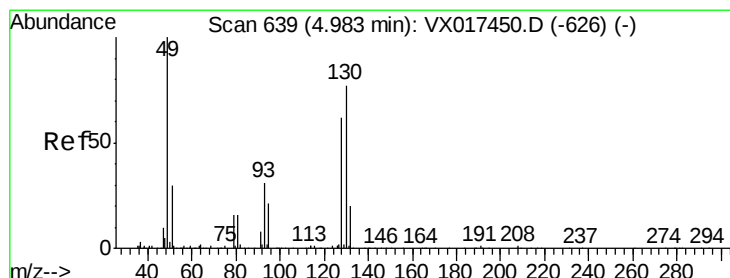
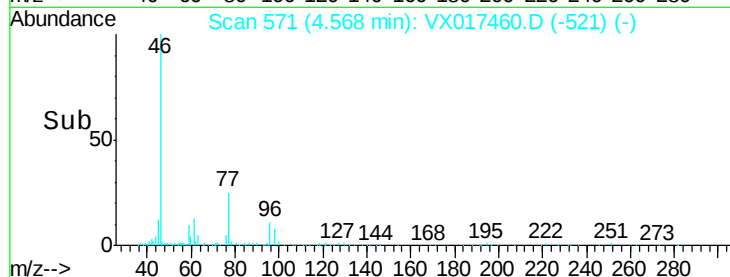
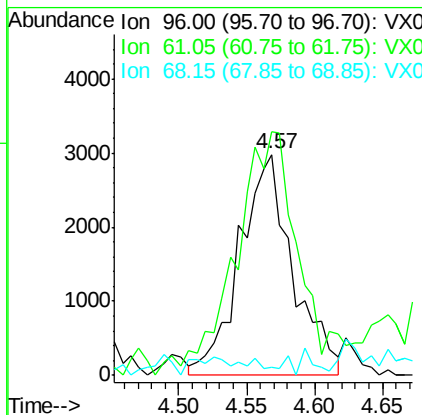
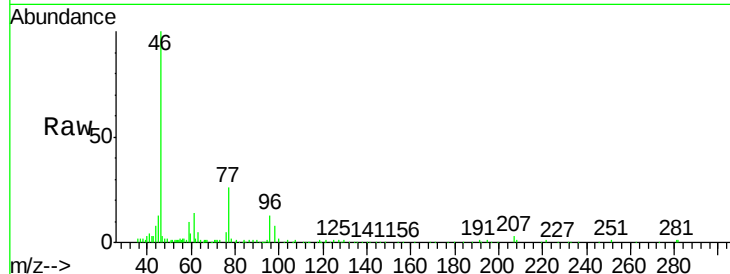
cis-1,2-Dichloroethene
Concen: 0.277 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
96	100		
61	110.2	91.6	170.2
68	3.6	0.0	0.0

Manual Integrations
APPROVED

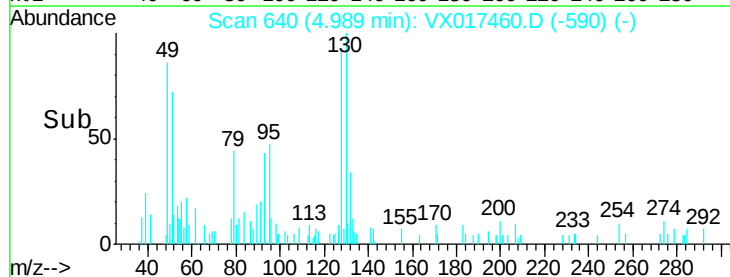
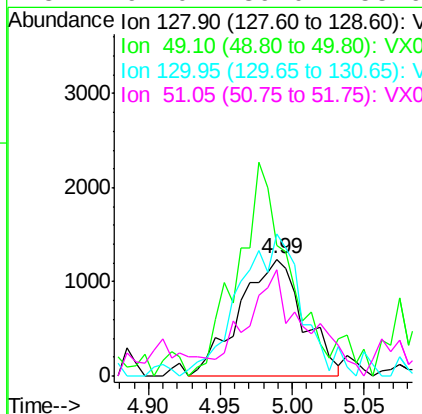
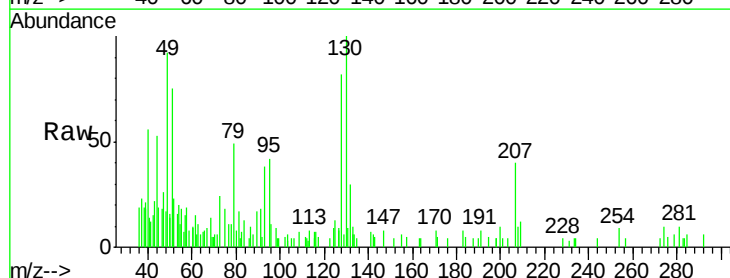
MMDadoda
7/22/2020 9:11:17 AM

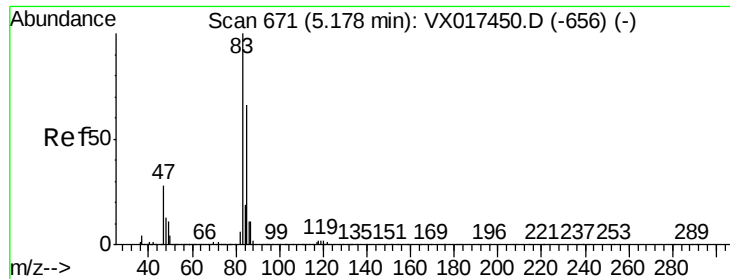


#23

Bromochloromethane
Concen: 0.268 ug/L
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
128	100		
49	112.0	113.3	210.3
130	121.9	87.3	162.1
51	91.0	39.0	58.6





#25

Chloroform

Concen: 0.319 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tot Ion: 83 Resp: 17497

Ion Ratio Lower Upper

83 100

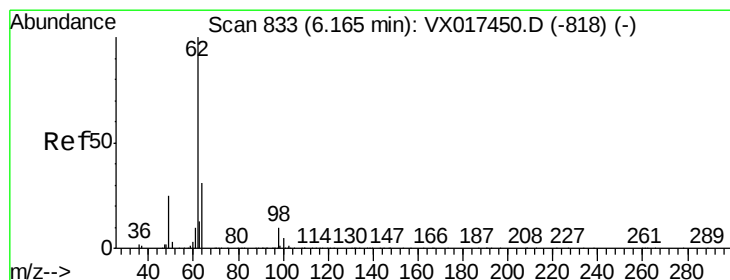
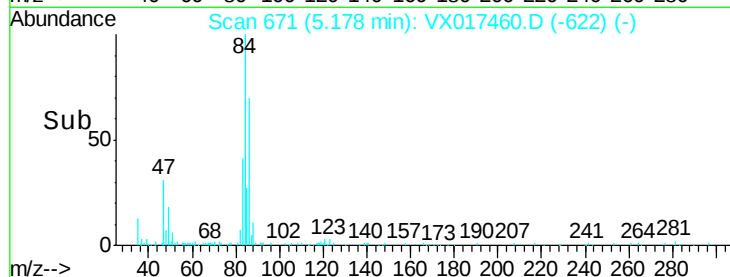
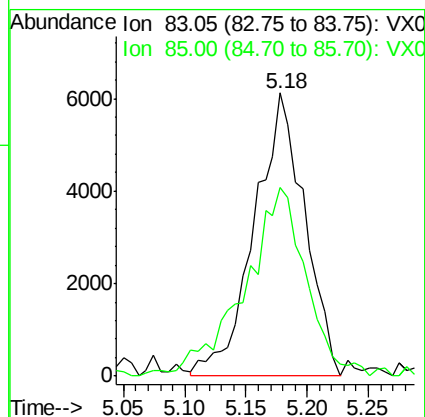
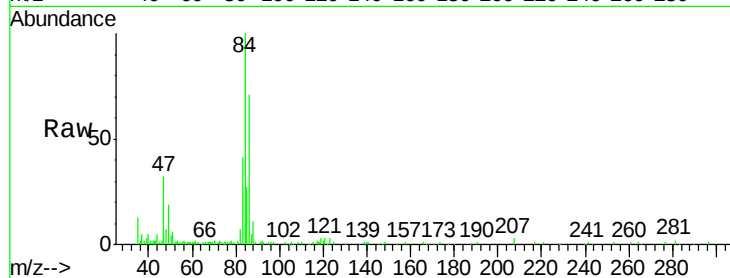
85 66.5 46.2 85.8

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 0.241 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017460.D

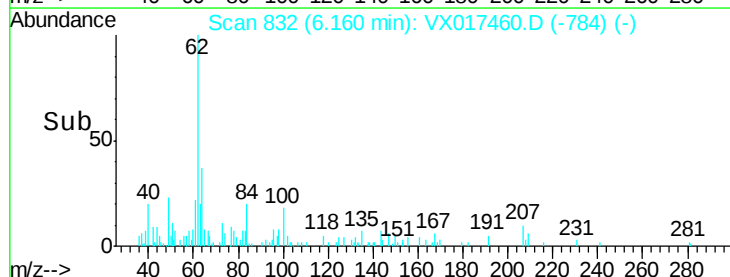
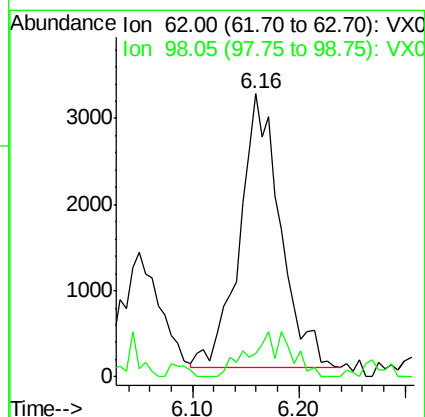
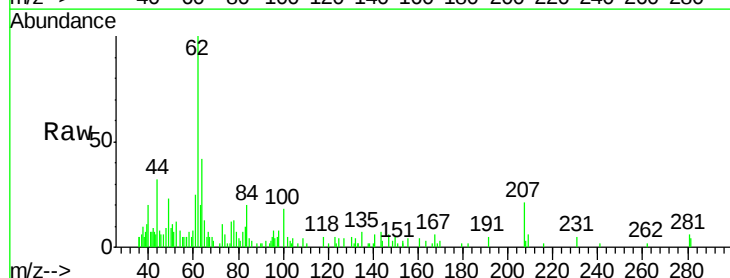
Acq: 21 Jul 2020 17:34

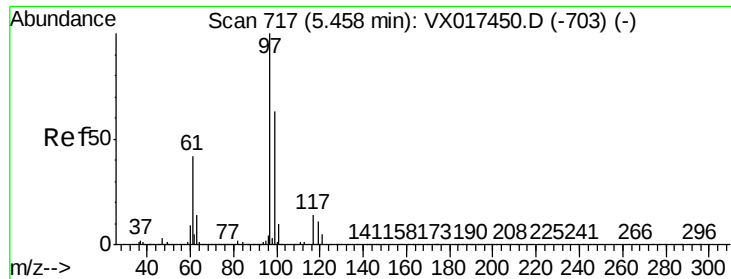
Tgt Ion: 62 Resp: 8514

Ion Ratio Lower Upper

62 100

98 8.5 7.7 11.5





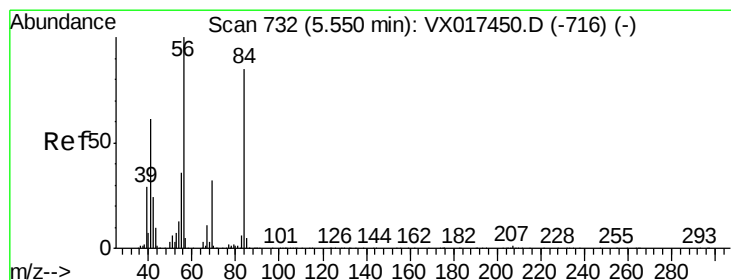
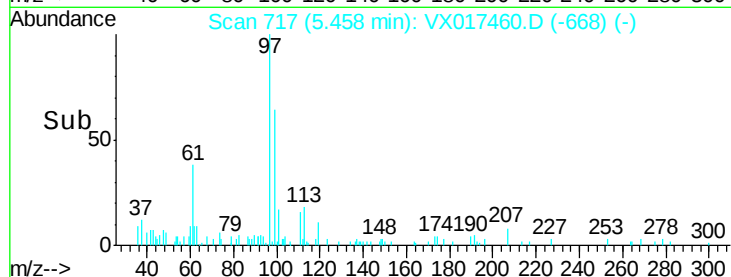
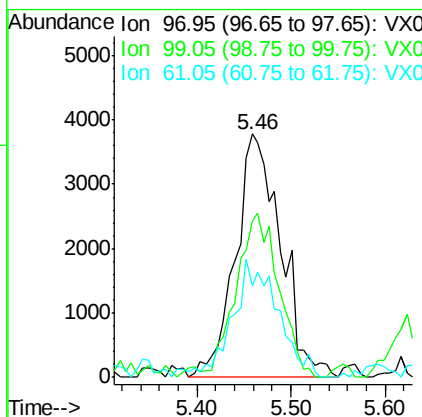
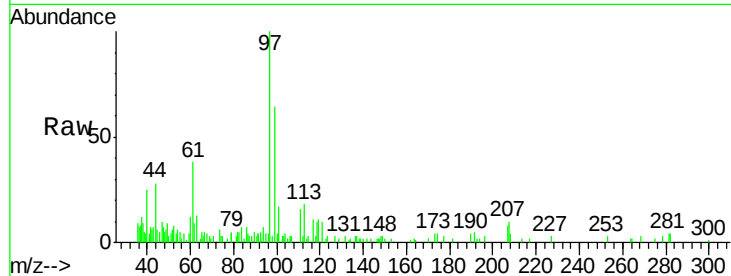
#29
 1,1,1-Trichloroethane
 Concen: 0.253 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

Tot Ion	Ratio	Resp	Lower	Upper
97	100	12685		
99	63.9		53.0	79.4
61	47.8		35.2	52.8

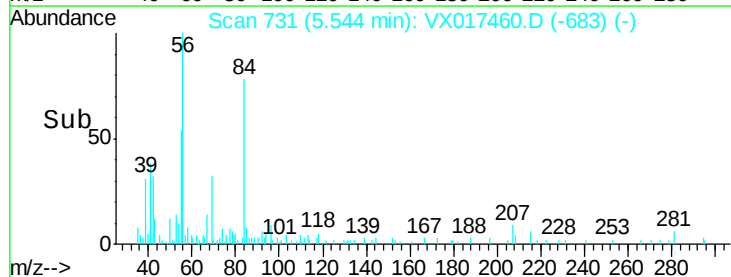
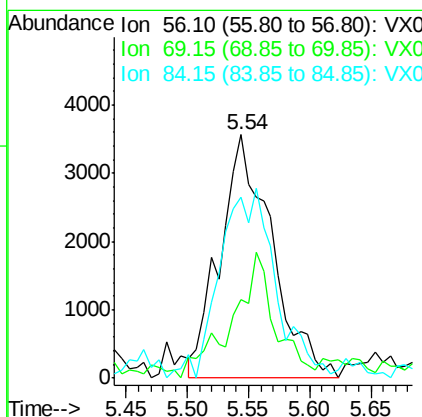
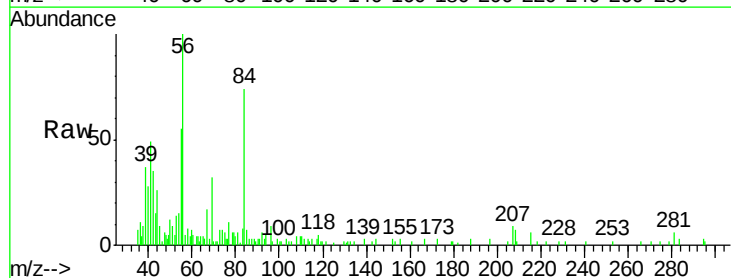
Manual Integrations
 APPROVED

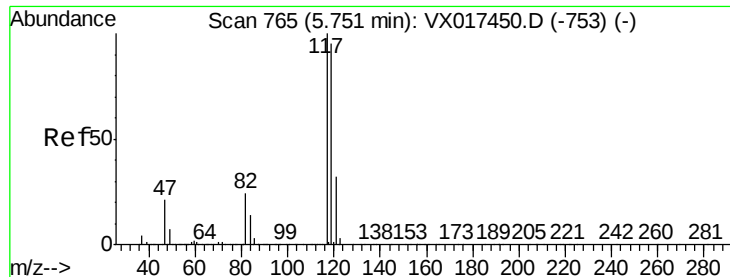
MMDadoda
 7/22/2020 9:11:17 AM



#30
 Cyclohexane
 Concen: 0.260 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	10532		
69	42.7		25.4	38.2#
84	84.0		69.3	103.9





#31

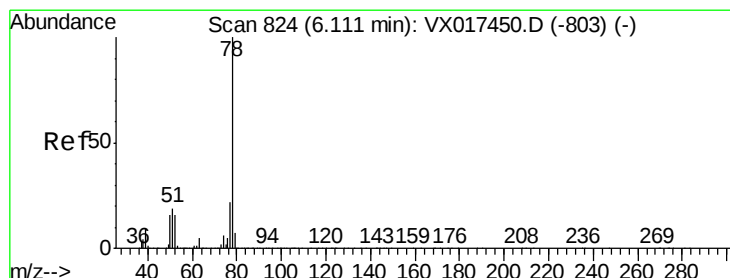
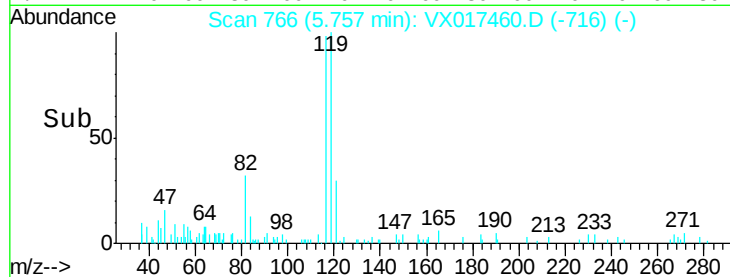
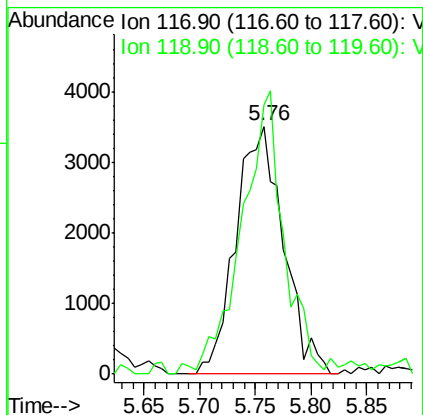
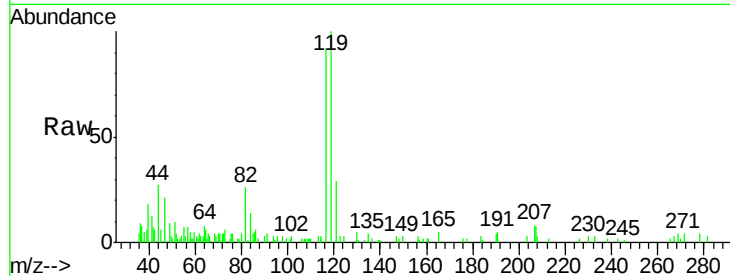
Carbon tetrachloride
Concen: 0.231 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Instrument :
MSVOA_X
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.5	117.7

Manual Integrations
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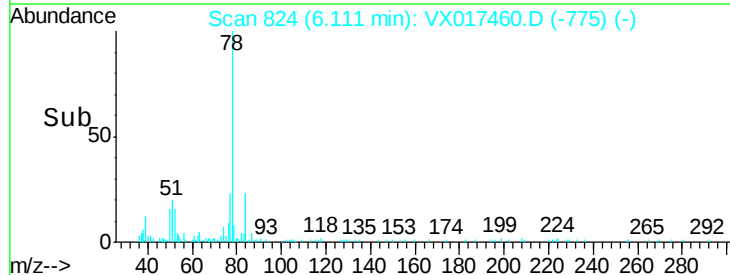
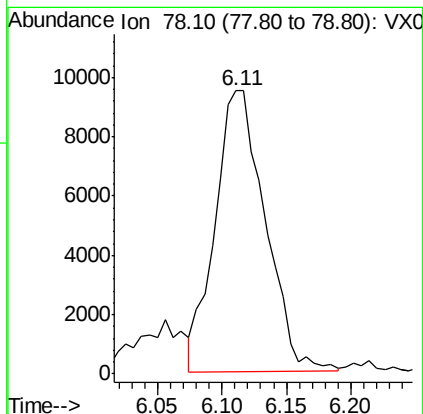
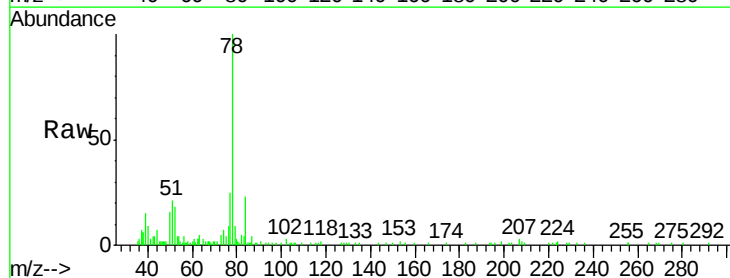
MMDadoda
7/22/2020 9:11:17 AM

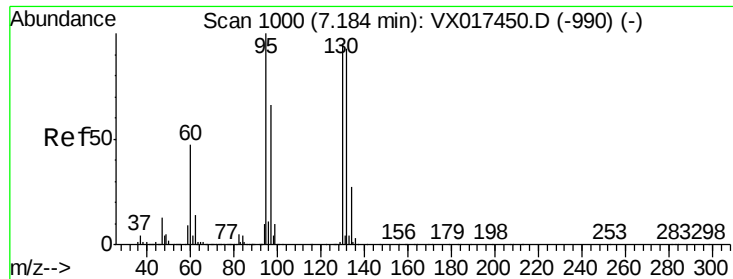


#33

Benzene
Concen: 0.234 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion: 78 Resp: 25768





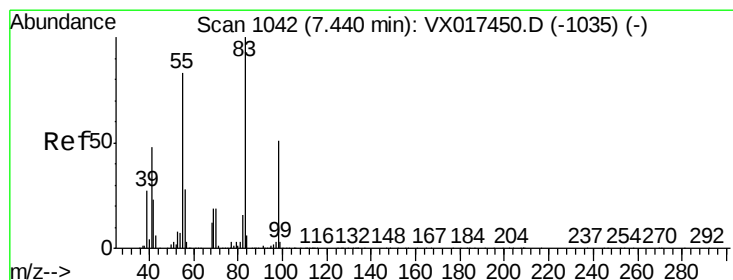
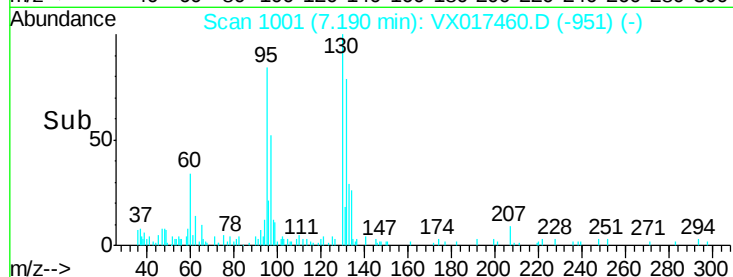
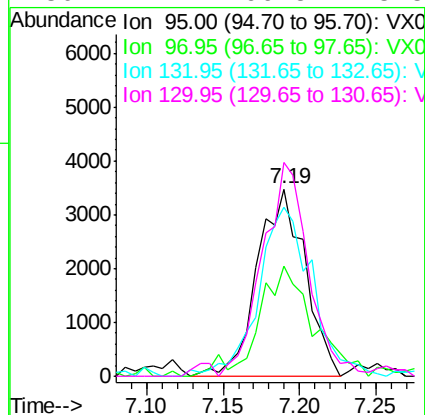
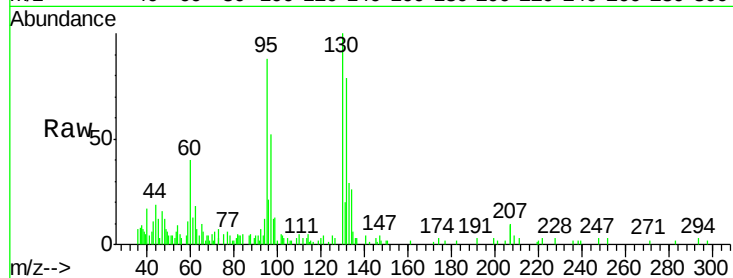
#34
 Trichloroethene
 Concen: 0.253 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Resp	Lower	Upper
95	100	7515		
97	59.2		45.9	85.3
132	90.4		65.5	121.7
130	114.2		66.5	123.5

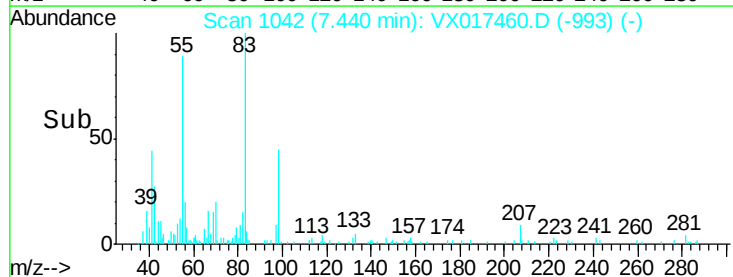
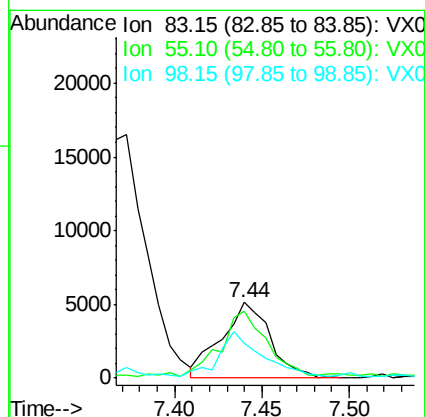
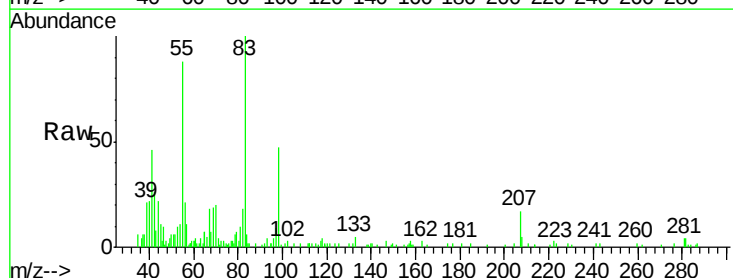
Manual Integrations
 APPROVED

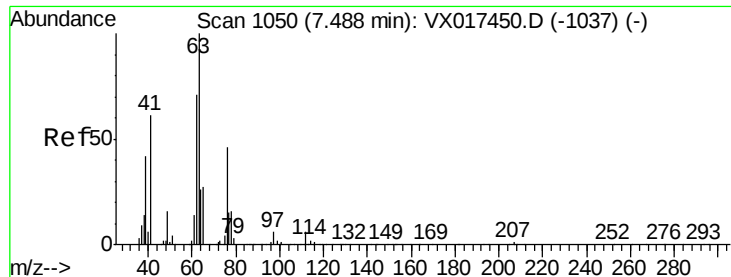
MMDadoda
 7/22/2020 9:11:17 AM



#35
 Methylcyclohexane
 Concen: 0.248 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	9972		
55	80.1		65.4	98.2
98	56.9		39.8	59.8





#37

1,2-Dichloropropane

Concen: 0.223 ug/L

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tot Ion: 63 Resp: 6159

Ion Ratio Lower Upper

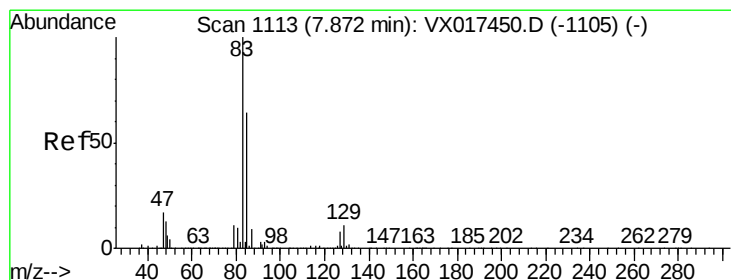
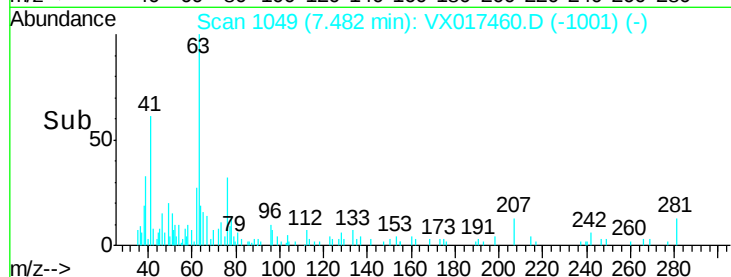
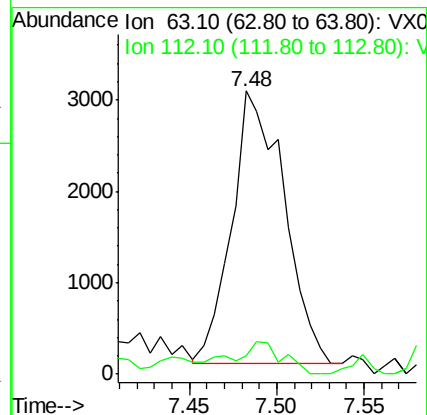
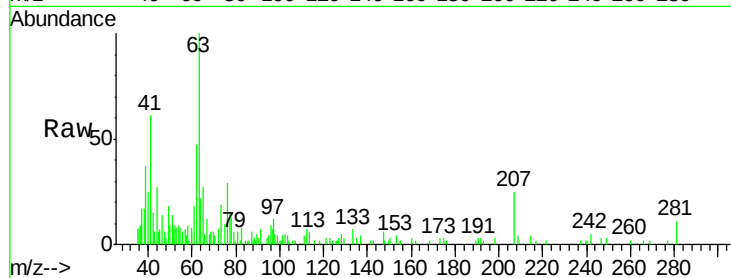
63 100

112 11.1 3.8 5.8#

Manual Integrations
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MMDadoda

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#38

Bromodichloromethane

Concen: 0.273 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

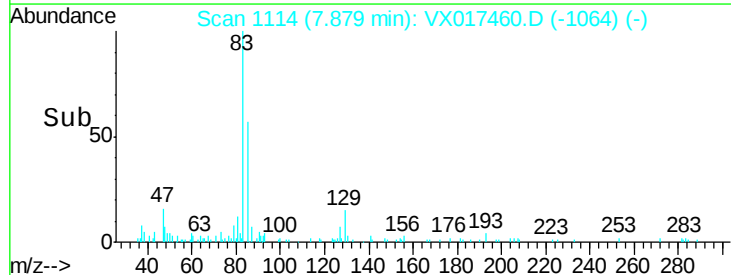
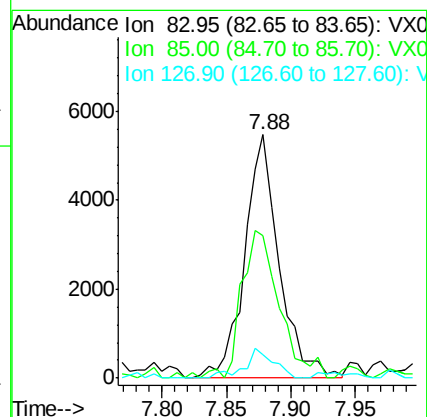
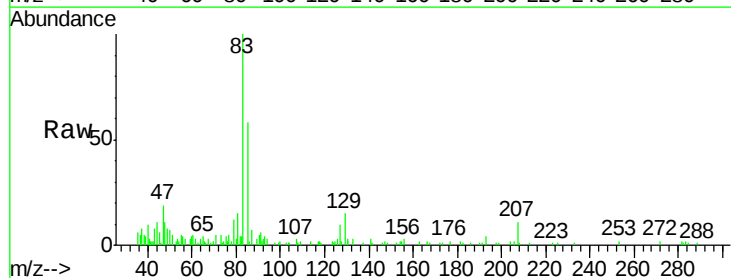
Tgt Ion: 83 Resp: 10118

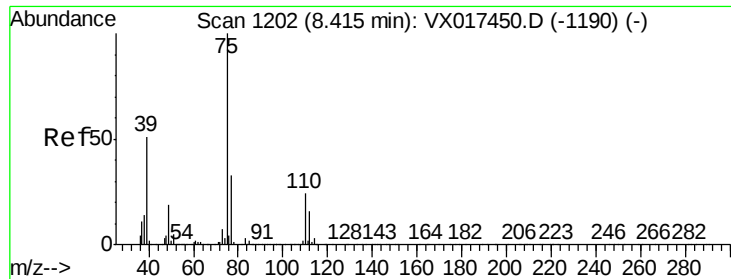
Ion Ratio Lower Upper

83 100

85 58.4 44.7 83.1

127 11.3 6.3 9.5#





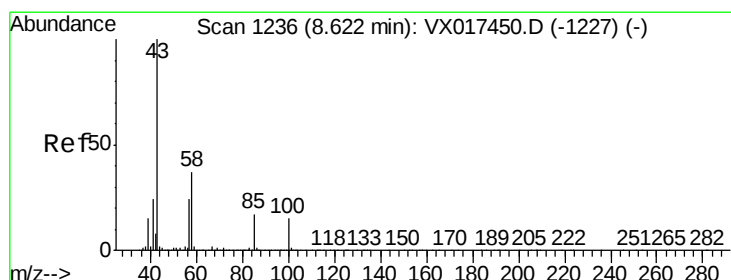
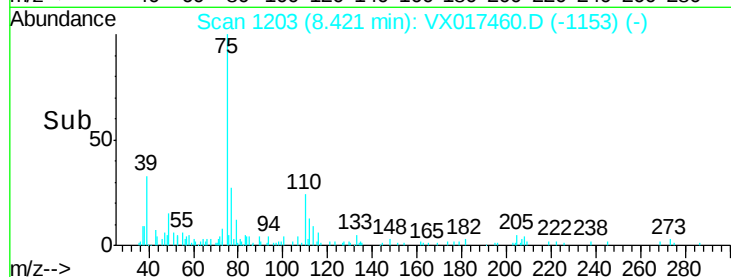
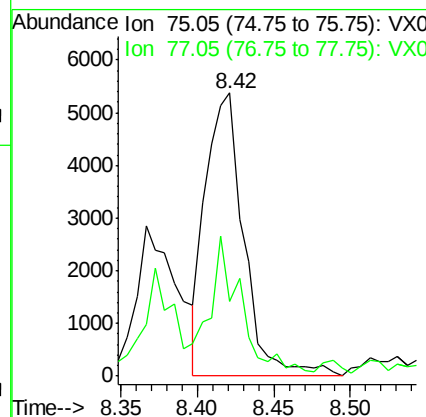
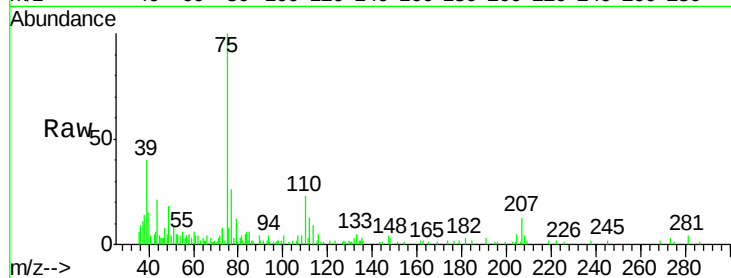
#39
 cis-1,3-Dichloropropene
 Concen: 0.234 ug/L
 RT: 8.42 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
75	100		
77	26.4	23.1	42.9

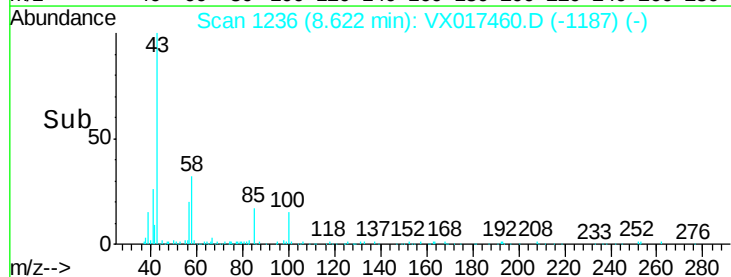
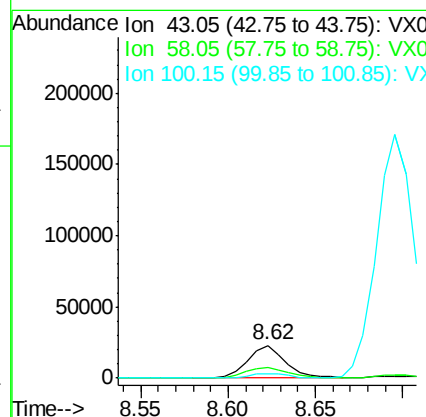
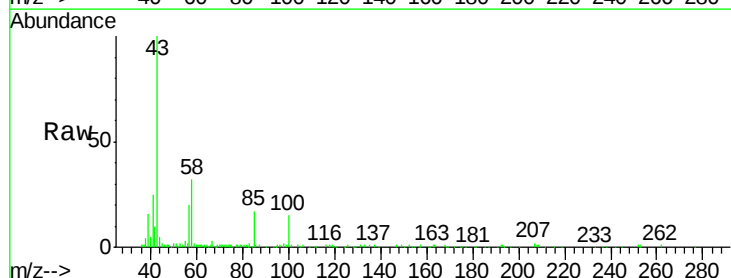
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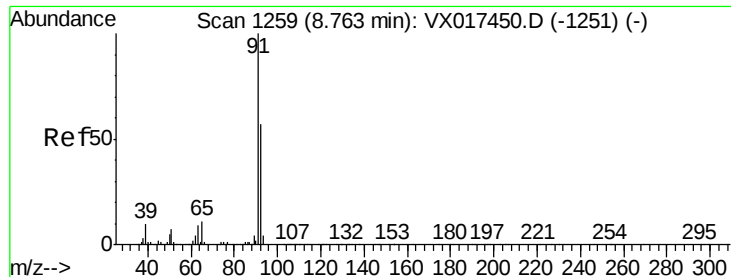
MMDadoda
 7/22/2020 9:11:17 AM



#40
 4-Methyl-2-pentanone
 Concen: 2.128 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	30.1	45.1
100	0.0	6.5	9.7#





#42

Toluene

Concen: 0.237 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tot Ion: 91 Resp: 26139

Ion Ratio Lower Upper

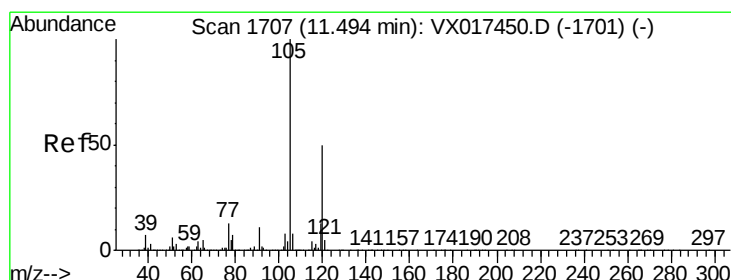
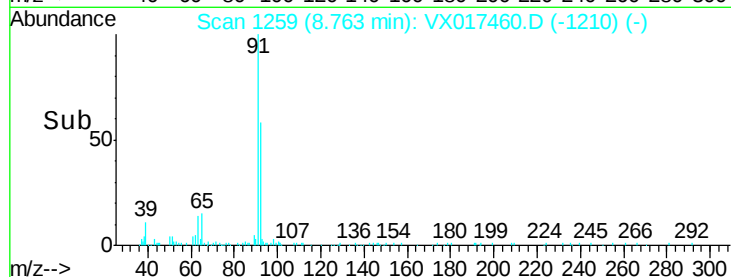
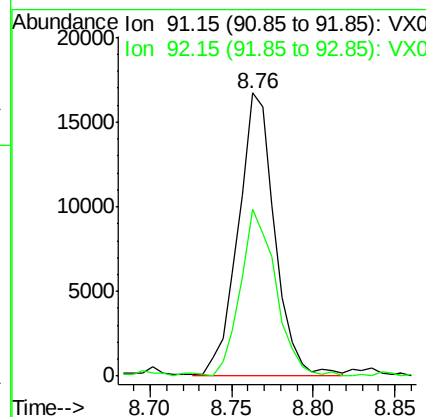
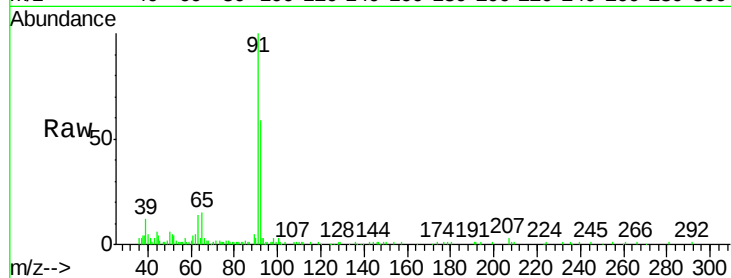
91 100

92 59.0 39.9 74.1

Manual Integrations
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#43

1,3,5-Trimethylbenzene

Concen: 0.179 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017460.D

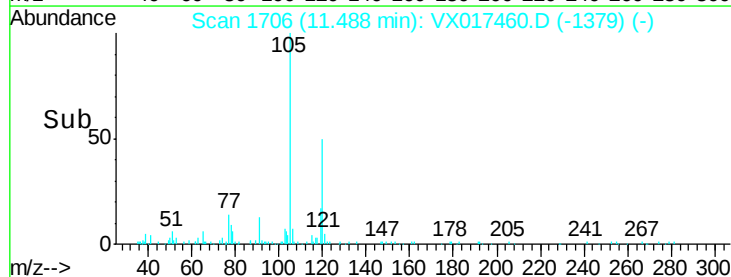
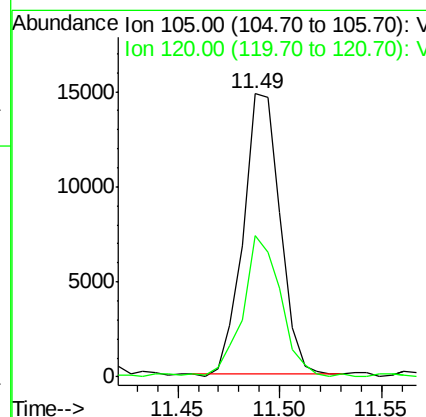
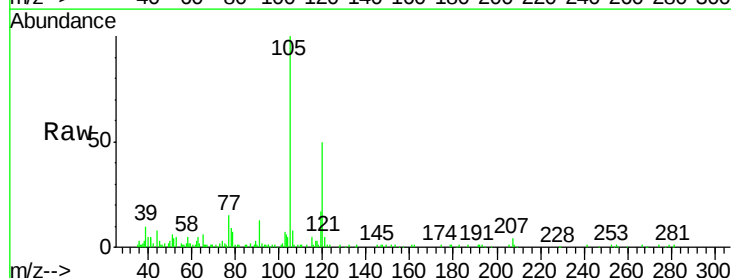
Acq: 21 Jul 2020 17:34

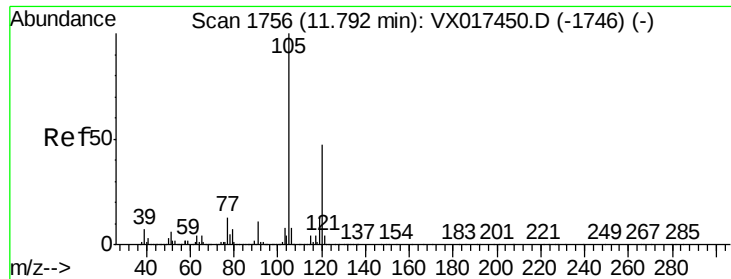
Tgt Ion: 105 Resp: 18396

Ion Ratio Lower Upper

105 100

120 52.3 38.2 57.2





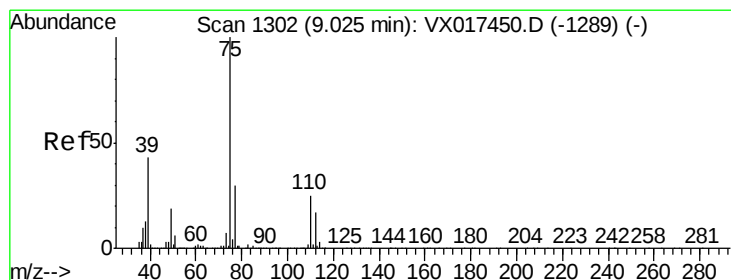
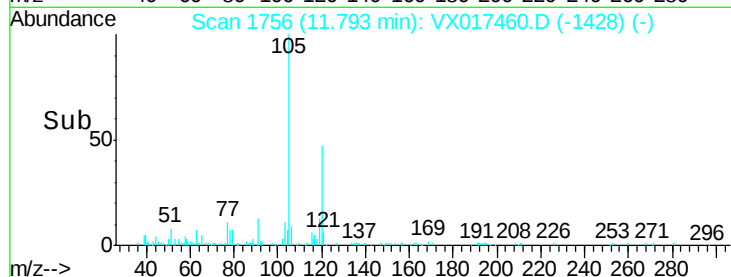
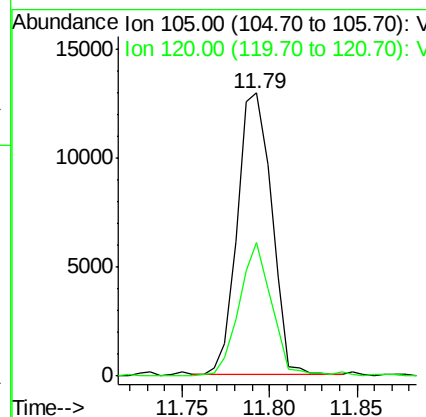
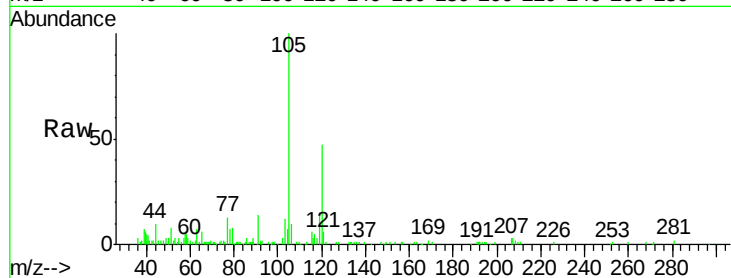
#44
 1,2,4-Trimethylbenzene
 Concen: 0.173 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.5	54.7

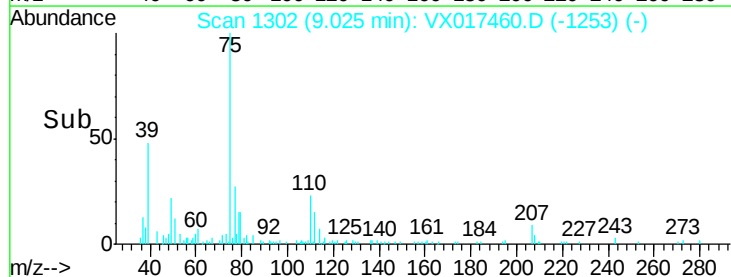
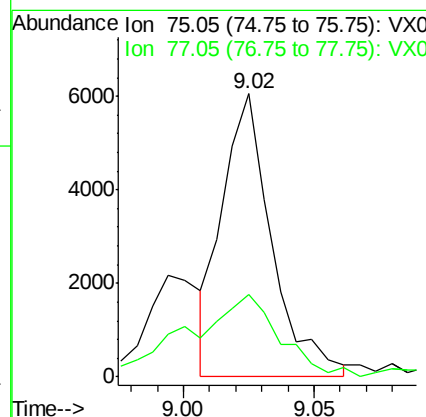
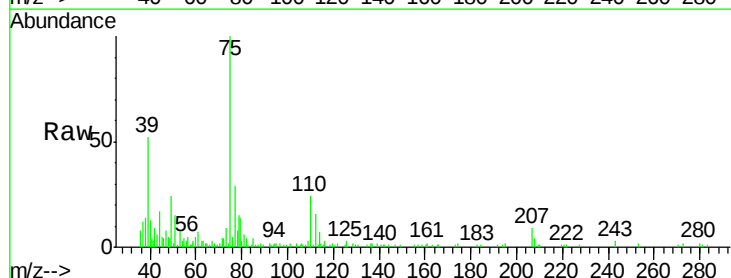
Manual Integrations
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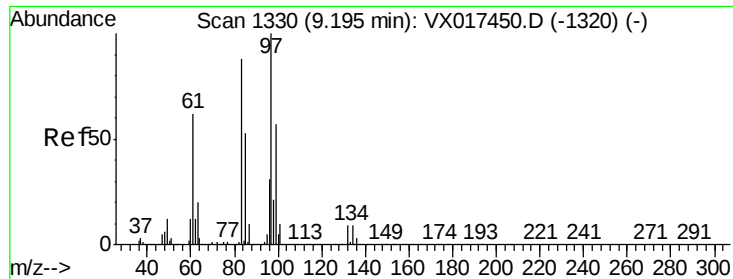
MMDadoda
 7/22/2020 9:11:17 AM



#46
 trans-1,3-Dichloropropene
 Concen: 0.230 ug/L m
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.3	21.4	39.8





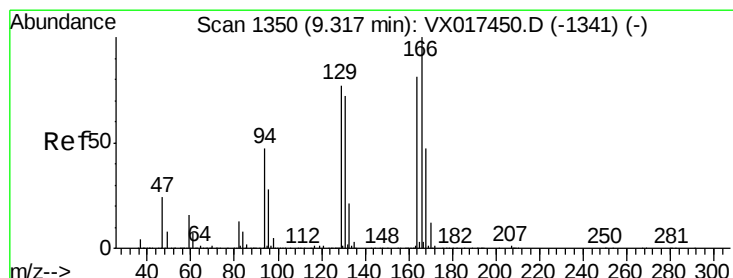
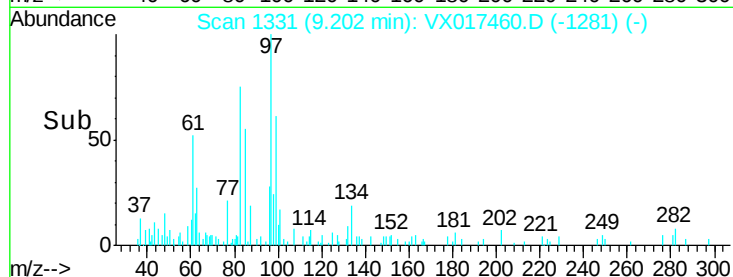
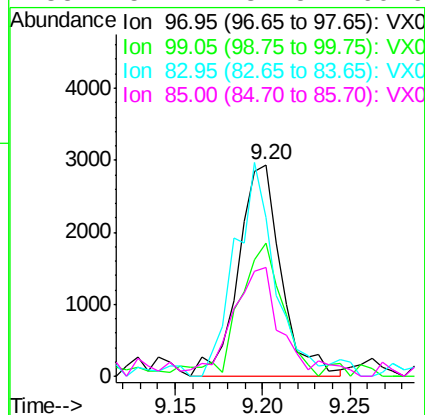
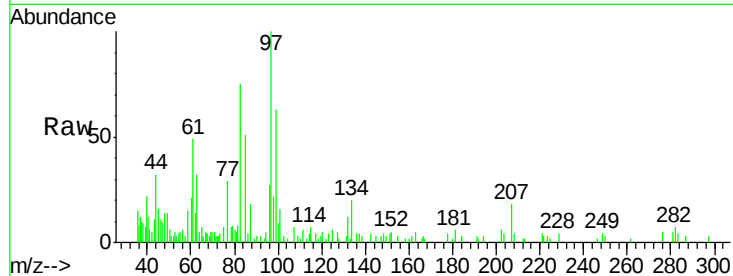
#47
1,1,2-Trichloroethane
Concen: 0.266 ug/L
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ratio	Lower	Upper
97	100		
99	62.8	40.2	74.6
83	75.1	61.6	114.4
85	51.4	37.5	69.6

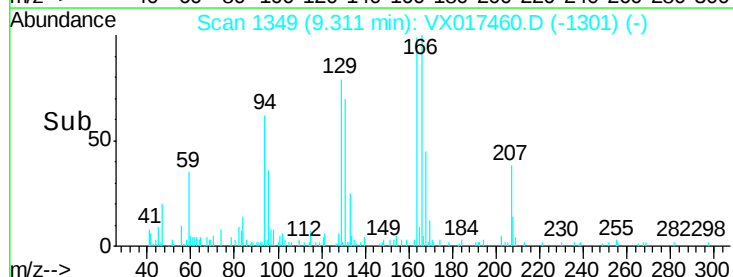
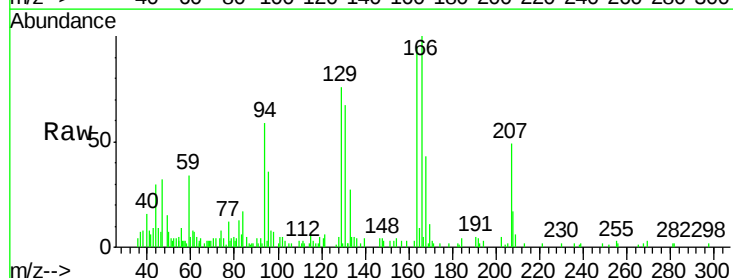
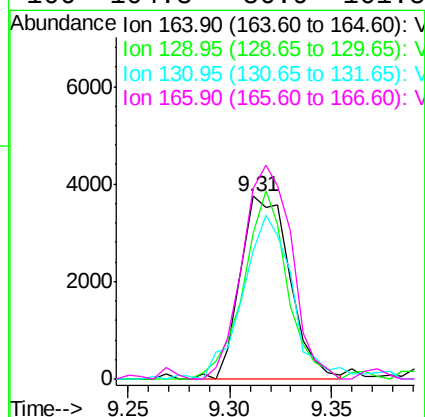
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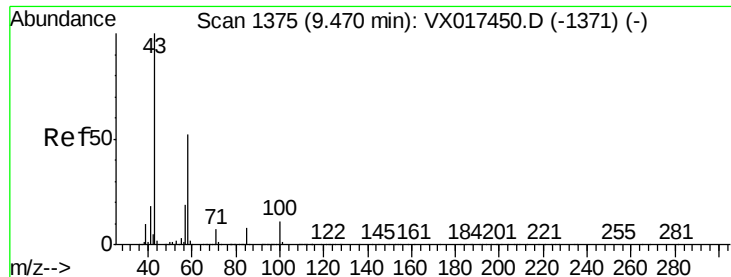
MMDadoda
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#49
Tetrachloroethene
Concen: 0.261 ug/L
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
129	79.7	66.6	123.8
131	70.3	62.6	116.2
166	104.8	86.9	161.5





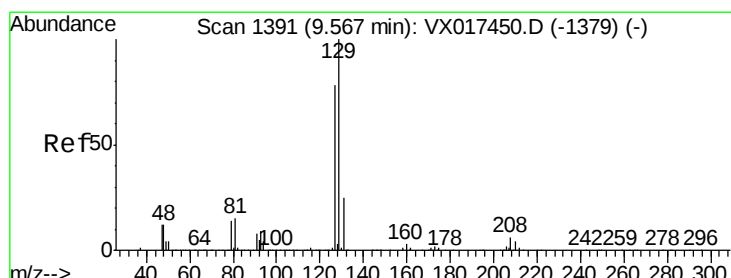
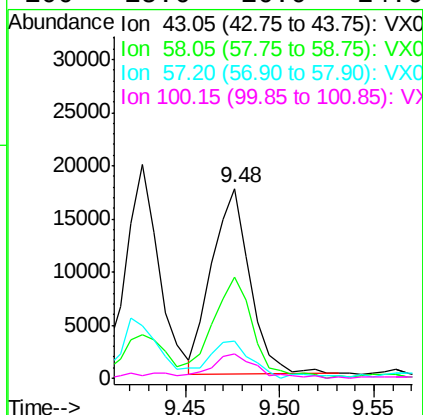
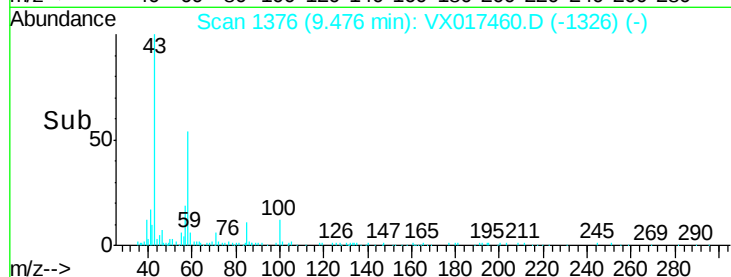
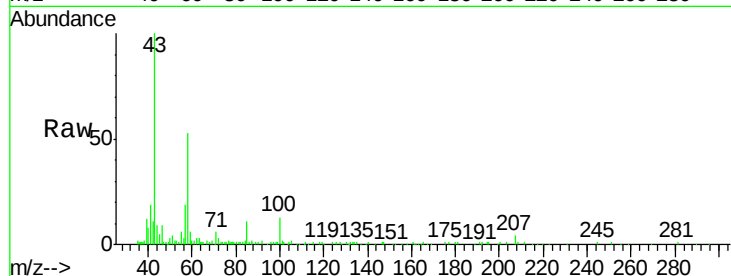
#50
2-Hexanone
Concen: 2.077 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	58.6	41.4	62.0	
57	19.6	26.9	40.3	
100	15.6	16.0	24.0	

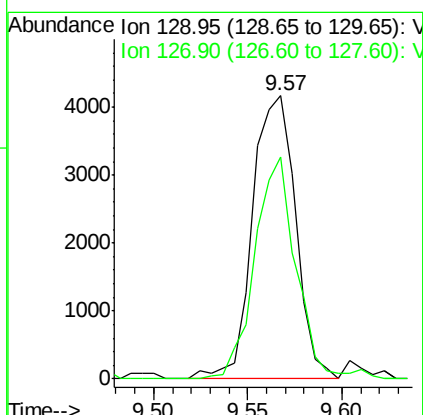
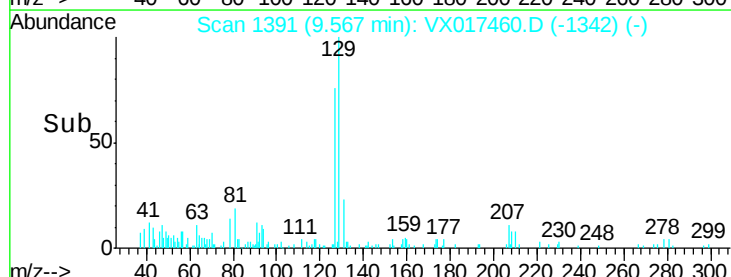
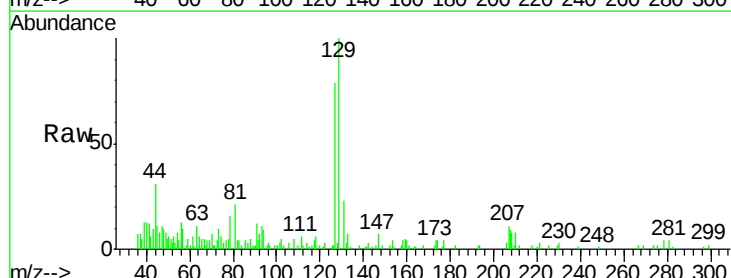
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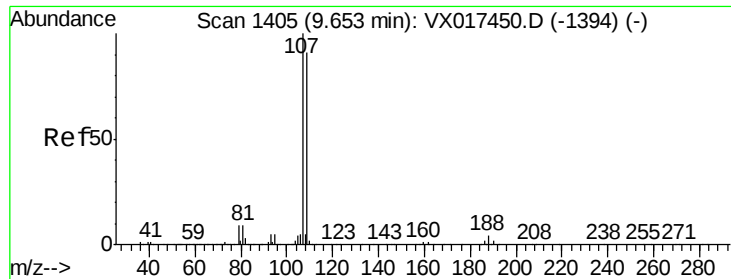
MMDadoda
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#51
Dibromochloromethane
Concen: 0.254 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.5	54.7	101.5	





#52

1,2-Dibromoethane

Concen: 0.266 ug/L

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

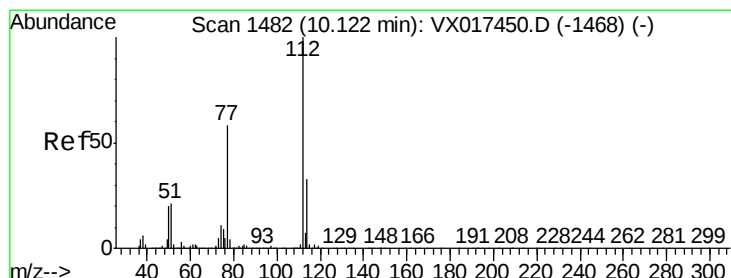
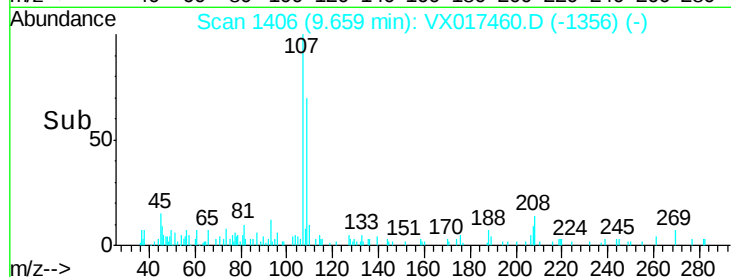
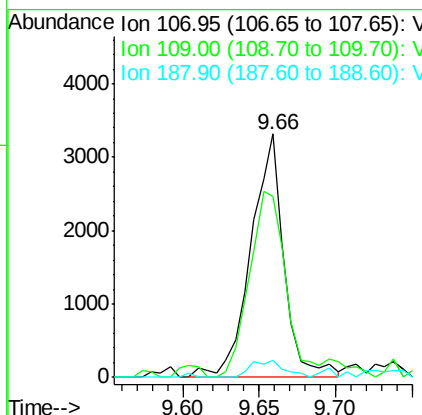
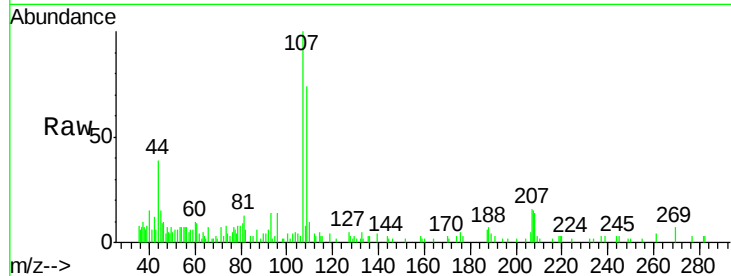
ClientSampleId :

MDL06

Tot Ion:	107	Resp:	5000
Ion Ratio	Lower	Upper	
107	100		
109	74.4	63.9	118.7
188	7.1	3.0	4.4#

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#53

Chlorobenzene

Concen: 0.240 ug/L

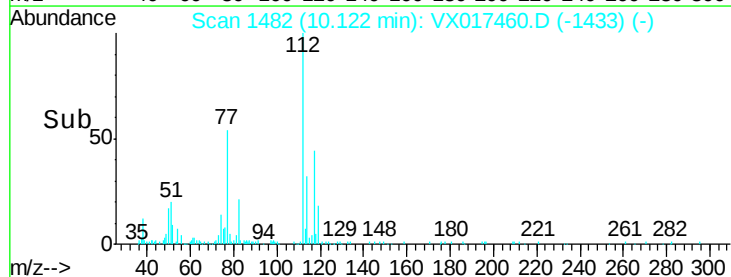
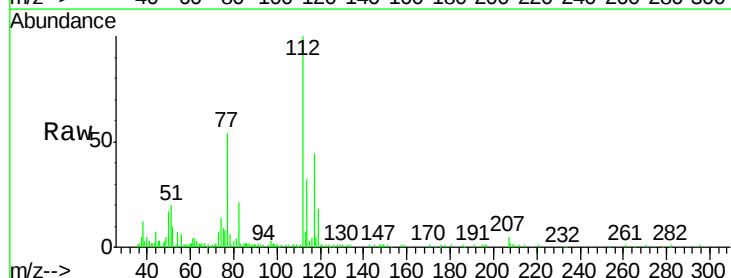
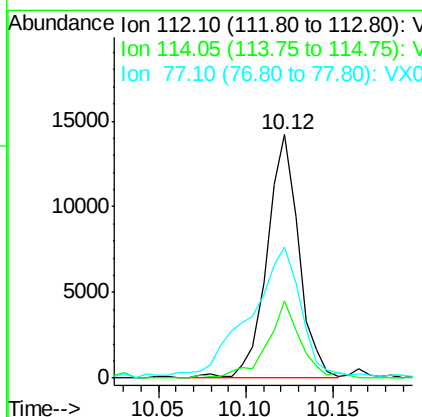
RT: 10.12 min Scan# 1482

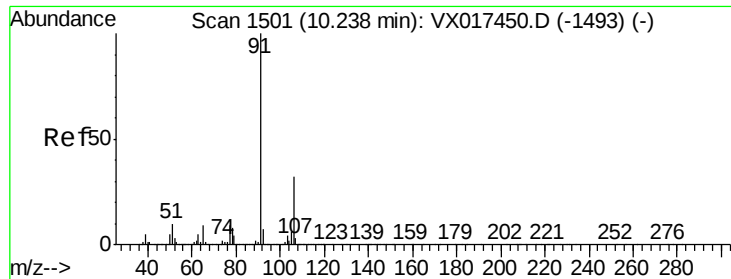
Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Tgt Ion:	112	Resp:	18020
Ion Ratio	Lower	Upper	
112	100		
114	31.9	23.1	42.9
77	53.9	46.2	69.2





#54

Ethylbenzene

Concen: 0.226 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

MDL06

Tot Ion: 91 Resp: 27109

Ion Ratio Lower Upper

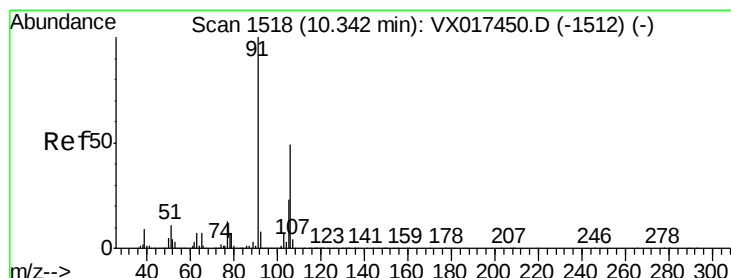
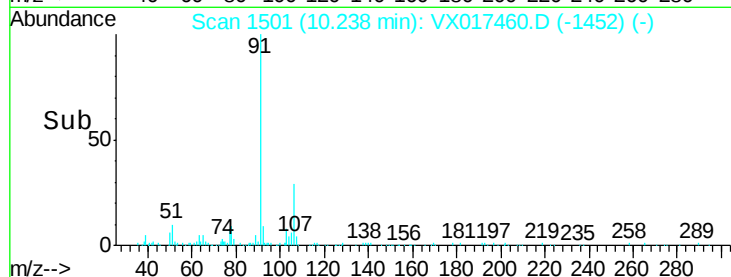
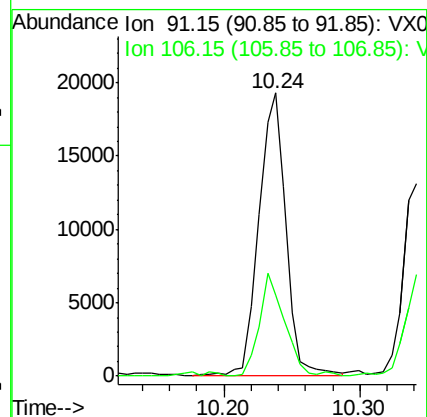
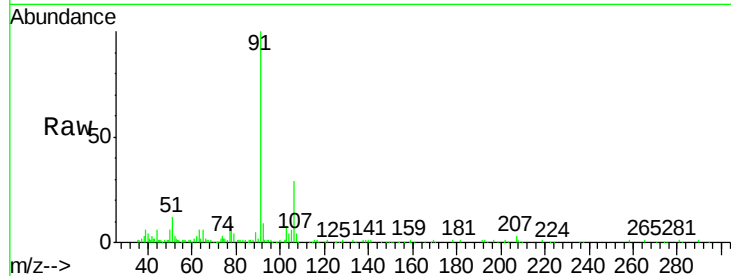
91 100

106 28.6 22.5 41.7

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#55

m,p-xylene

Concen: 0.219 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX017460.D

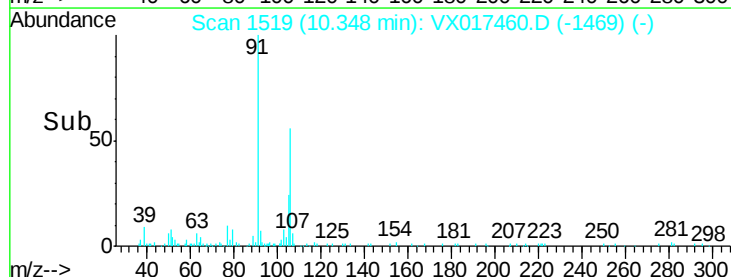
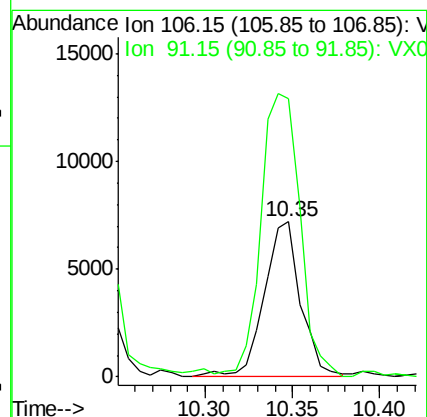
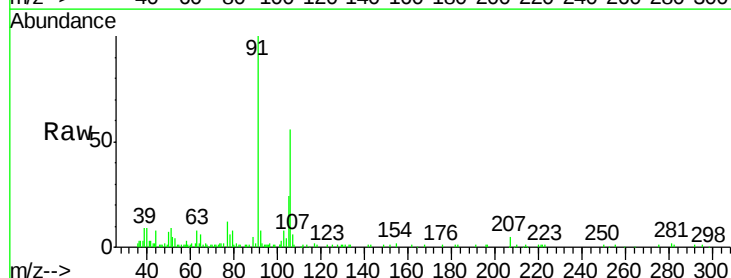
Acq: 21 Jul 2020 17:34

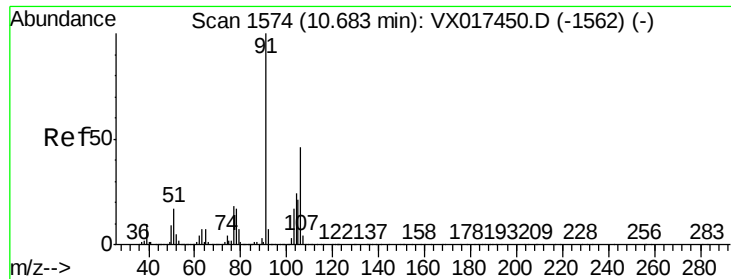
Tgt Ion: 106 Resp: 10486

Ion Ratio Lower Upper

106 100

91 178.9 142.7 264.9





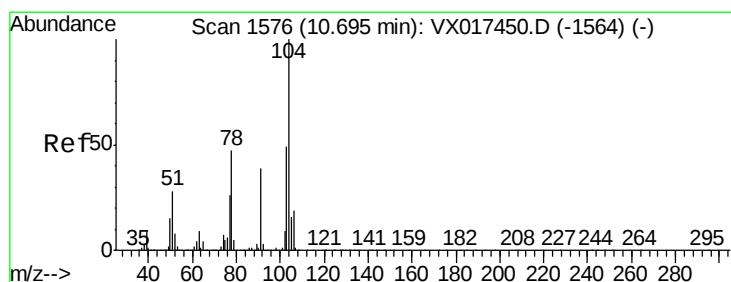
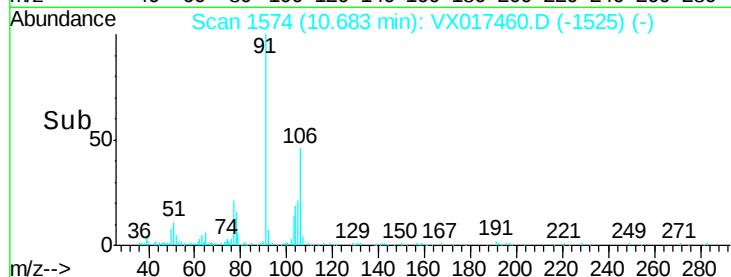
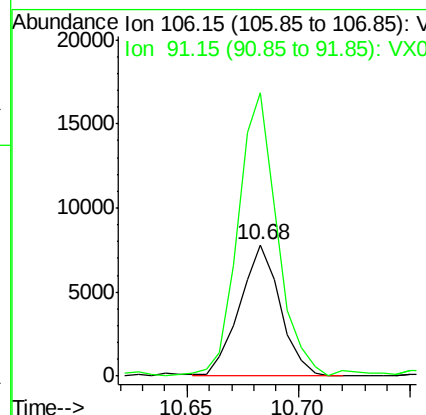
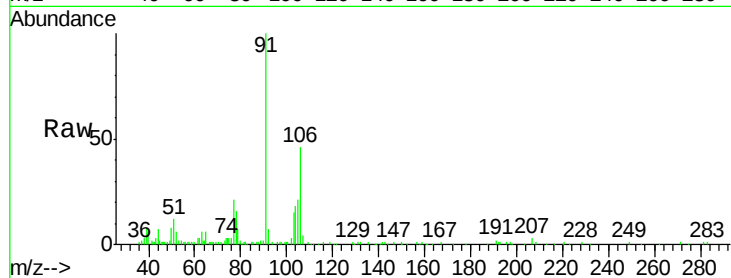
#56
o-xylene
Concen: 0.214 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Instrument :
MSVOA_X
ClientSampled :
MDL06

Tot Ion:106 Resp: 9932
Ion Ratio Lower Upper
106 100
91 215.4 153.4 284.8

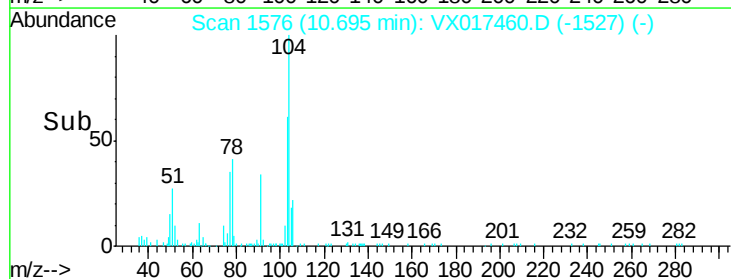
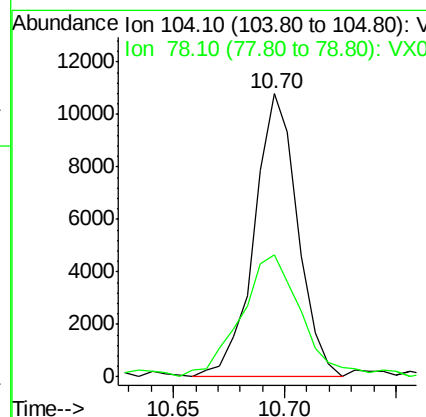
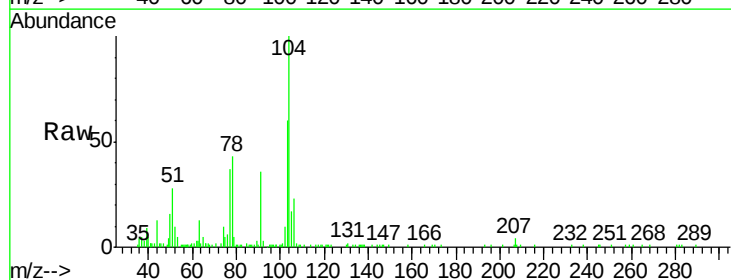
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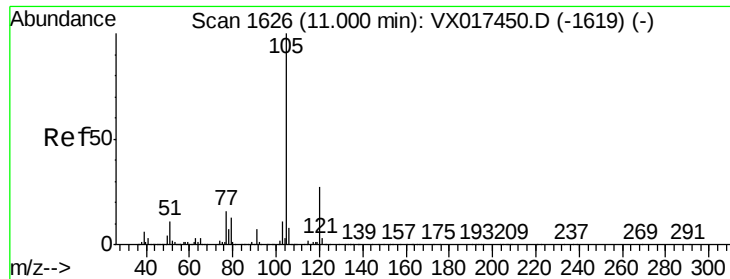
MMDadoda
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#57
Styrene
Concen: 0.190 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017460.D
Acq: 21 Jul 2020 17:34

Tgt Ion:104 Resp: 14662
Ion Ratio Lower Upper
104 100
78 43.0 32.6 60.6





#58

Isopropylbenzene

Concen: 0.202 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

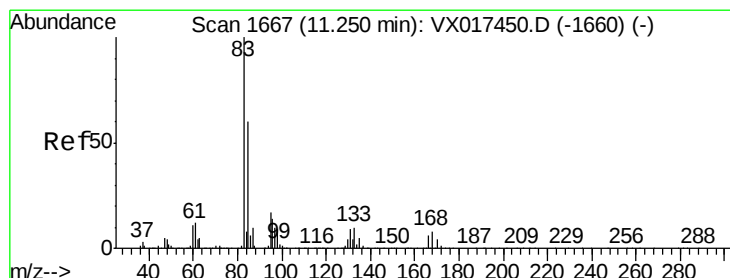
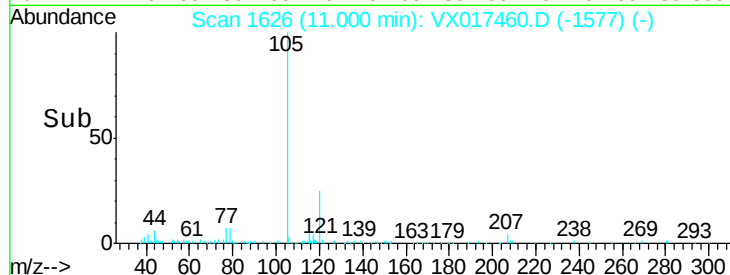
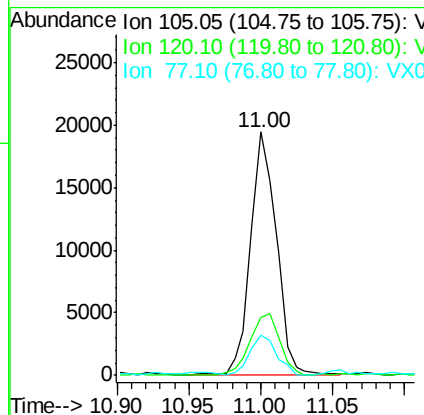
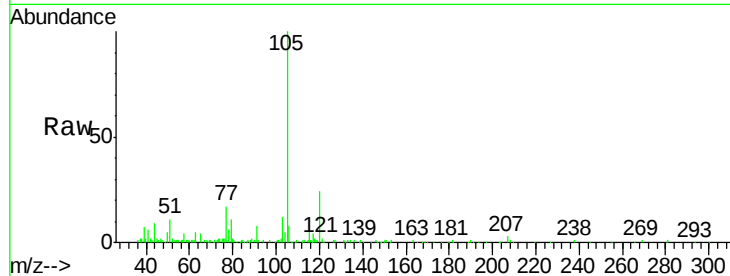
ClientSampled :

MDL06

Tot Ion:	105	Resp:	24201
Ion Ratio	Lower	Upper	
105	100		
120	28.8	21.4	32.2
77	17.3	13.0	19.6

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#60

1,1,2,2-Tetrachloroethane

Concen: 0.262 ug/L

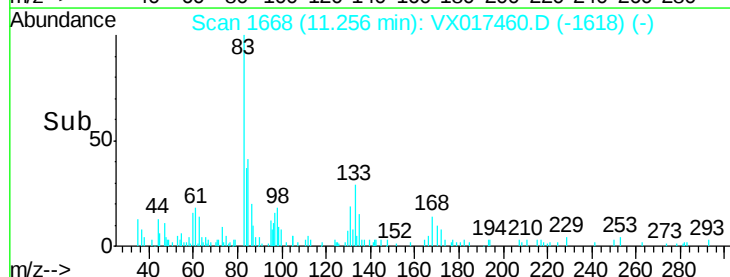
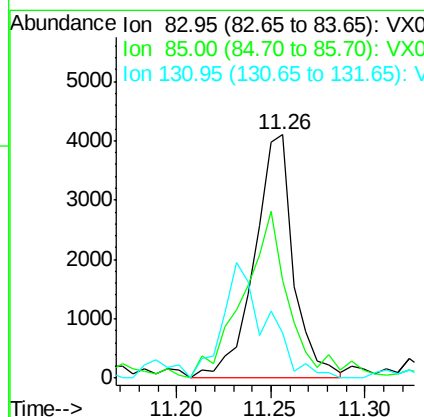
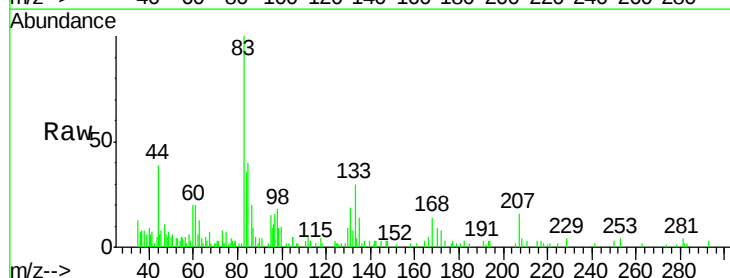
RT: 11.26 min Scan# 1668

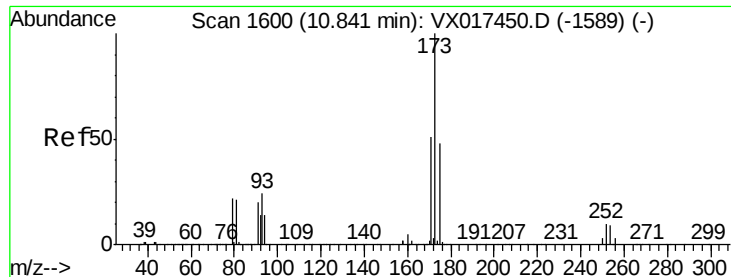
Delta R.T. 0.01 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Tgt Ion:	83	Resp:	5896
Ion Ratio	Lower	Upper	
83	100		
85	40.2	42.1	78.1#
131	18.7	7.7	11.5#





#62

Bromoform

Concen: 0.245 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

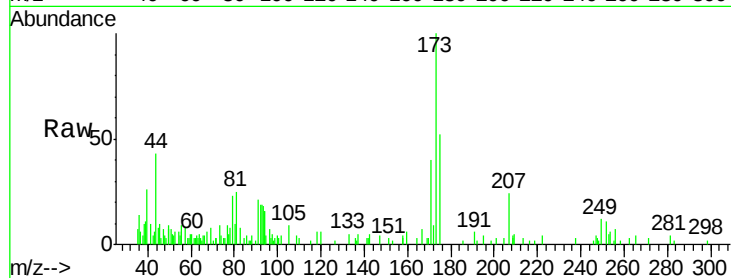
ClientSampleId :

MDL06

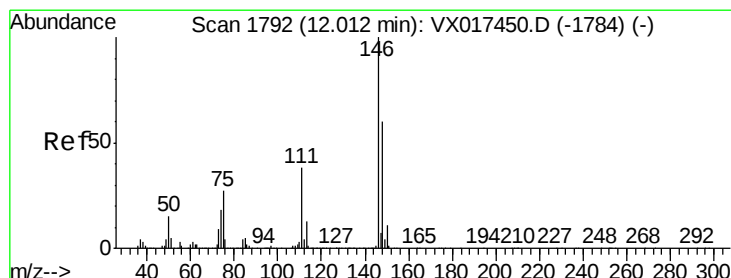
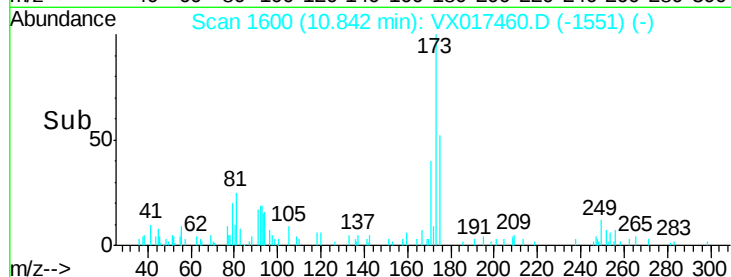
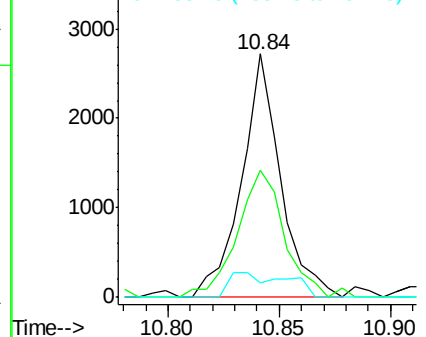
Tot Ion:	173	Resp:	3337
Ion Ratio	Lower	Upper	
173	100		
175	63.4	38.4	57.6#
254	14.7	7.4	11.2#

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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 0.244 ug/L

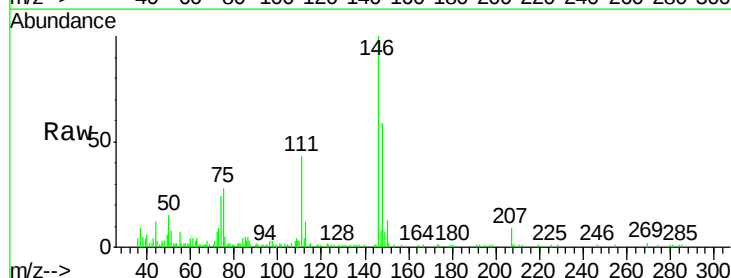
RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

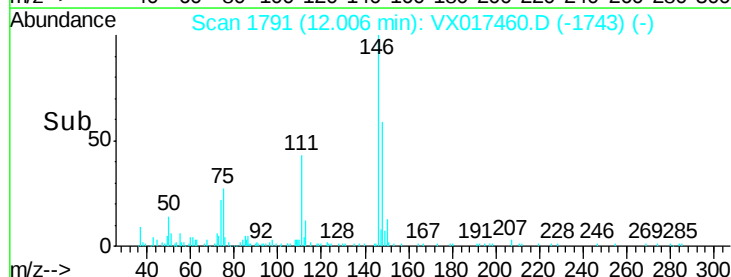
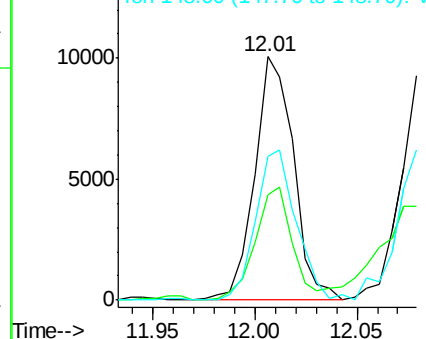
Lab File: VX017460.D

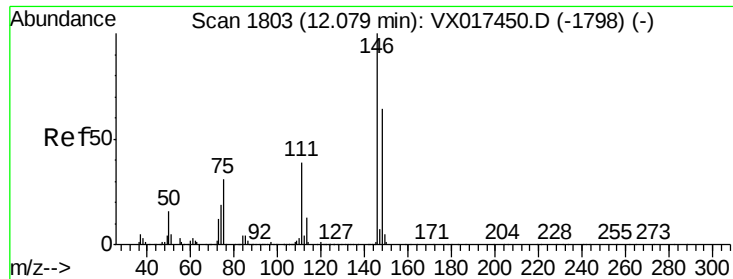
Acq: 21 Jul 2020 17:34

Tgt Ion:	146	Resp:	13371
Ion Ratio	Lower	Upper	
146	100		
111	43.1	26.8	49.8
148	59.3	42.1	78.3



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 0.248 ug/L

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Instrument :

MSVOA_X

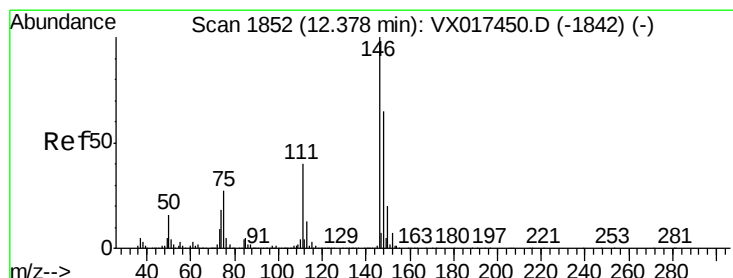
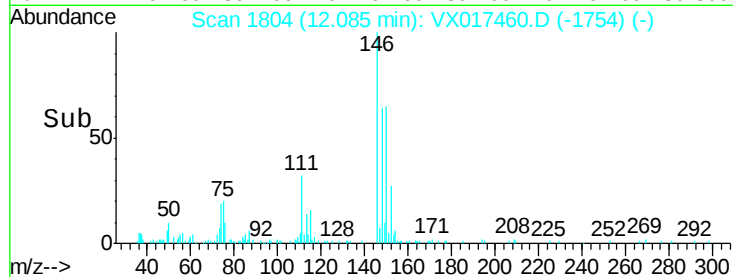
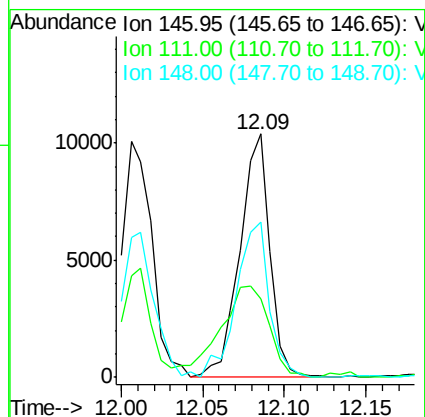
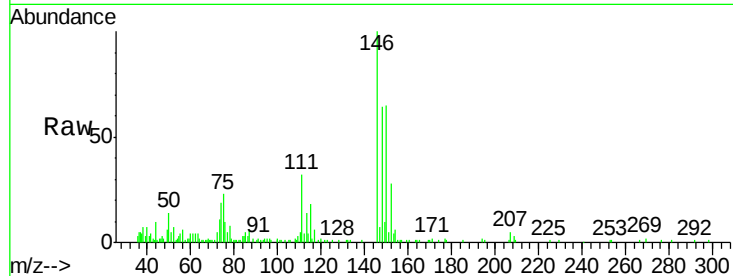
ClientSampled :

MDL06

Tot Ion:	146	Resp:	13371
Ion Ratio	Lower	Upper	
146	100		
111	32.3	27.7	51.5
148	63.7	44.9	83.5

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#66

1,2-Dichlorobenzene

Concen: 0.246 ug/L

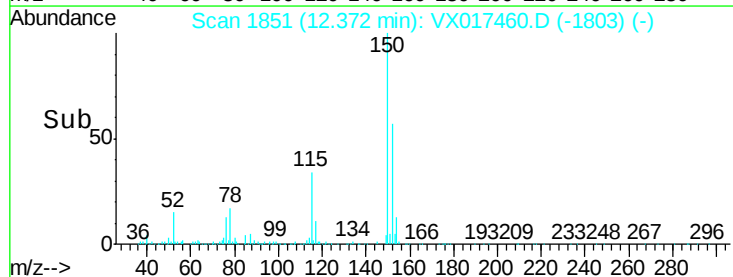
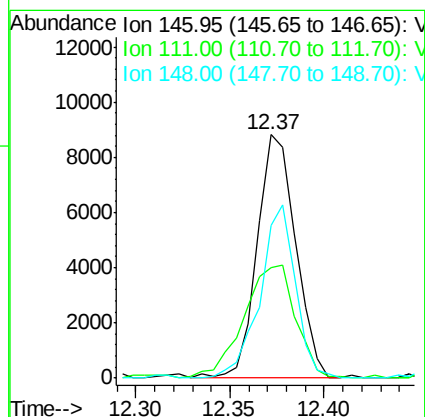
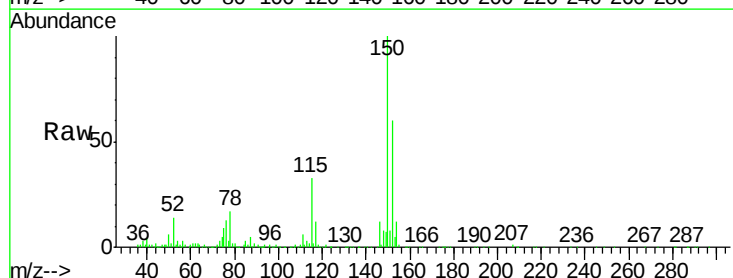
RT: 12.37 min Scan# 1851

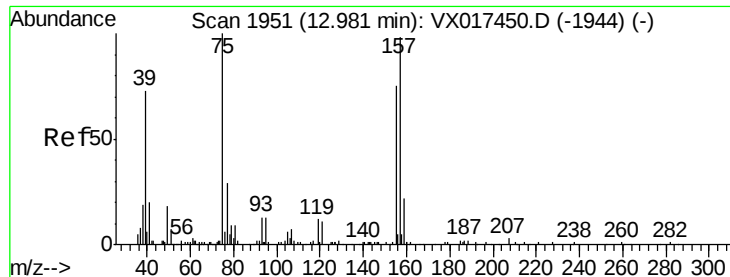
Delta R.T. -0.01 min

Lab File: VX017460.D

Acq: 21 Jul 2020 17:34

Tgt Ion:	146	Resp:	12482
Ion Ratio	Lower	Upper	
146	100		
111	45.1	31.8	47.6
148	62.9	51.8	77.8





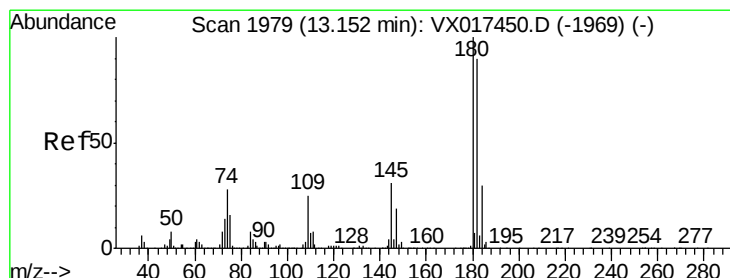
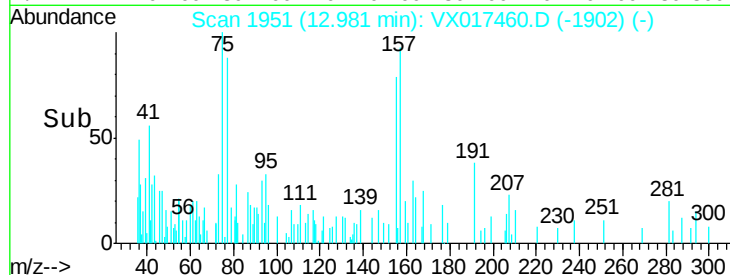
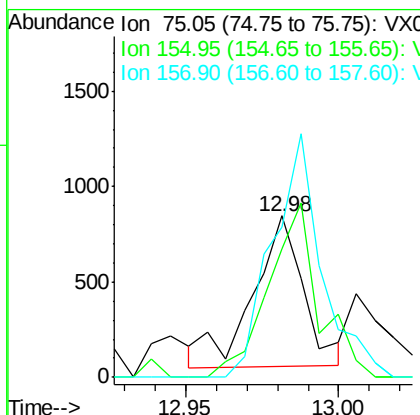
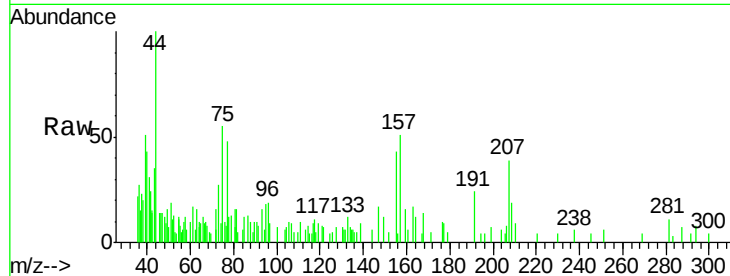
#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.203 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
75	100		
155	79.2	59.6	89.4
157	92.9	78.7	118.1

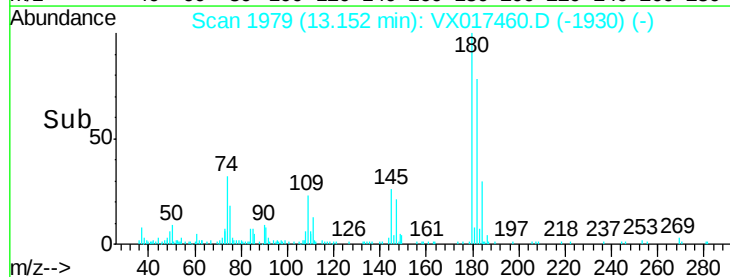
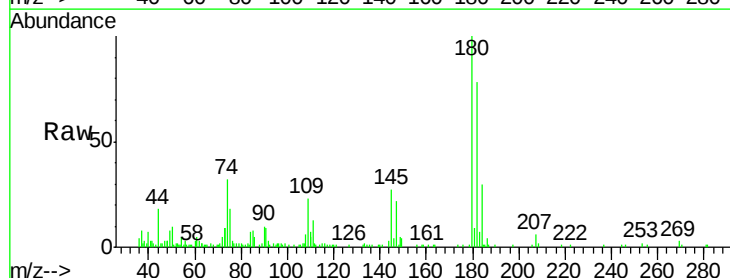
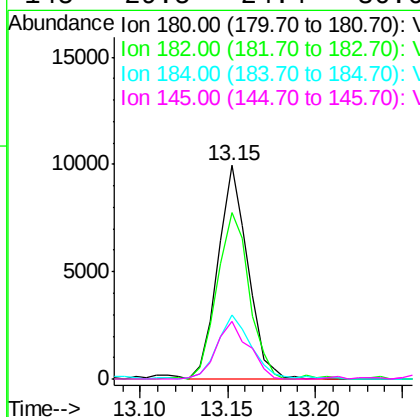
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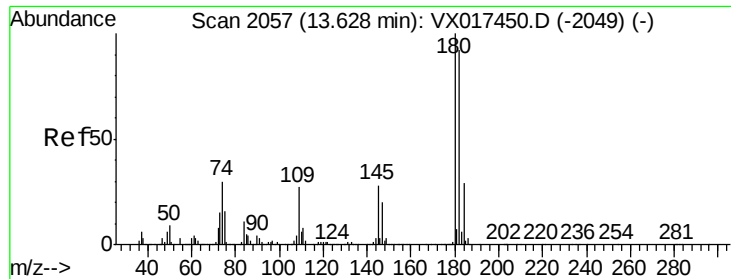
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#68
 1,3,5-Trichlorobenzene
 Concen: 0.256 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.5	73.8	110.8
184	34.1	24.2	36.2
145	29.5	24.4	36.6





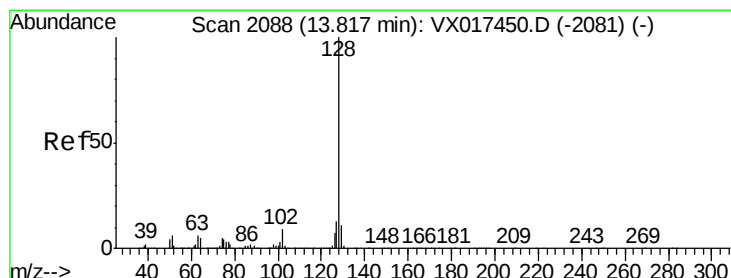
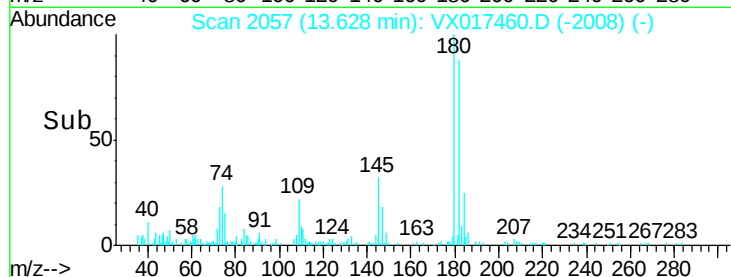
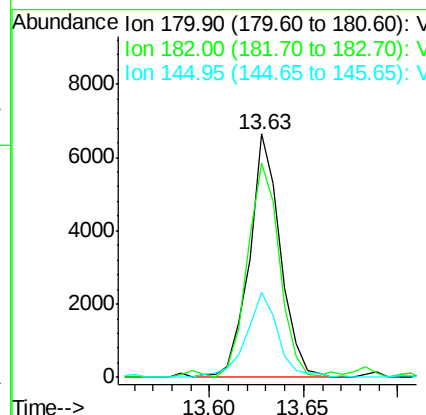
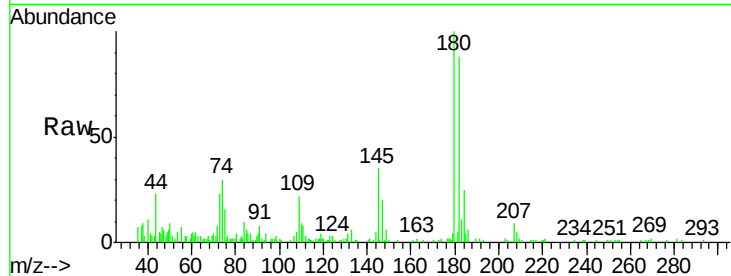
#69
 1,2,4-trichlorobenzene
 Concen: 0.225 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.9	75.3	112.9
145	36.2	24.3	36.5

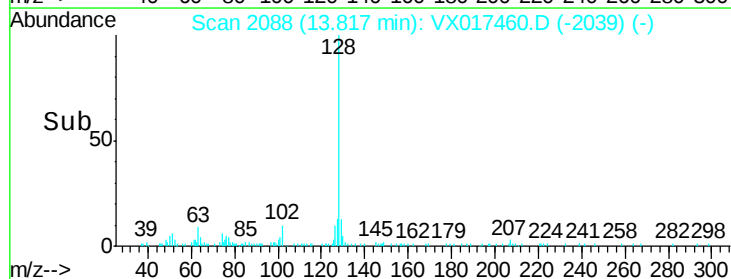
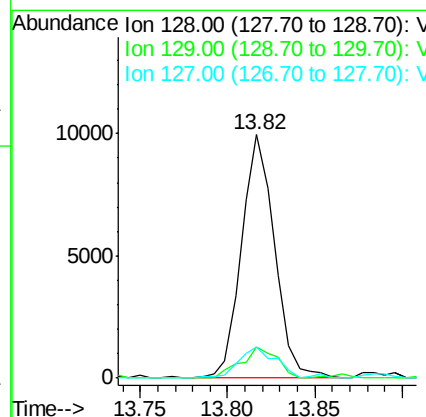
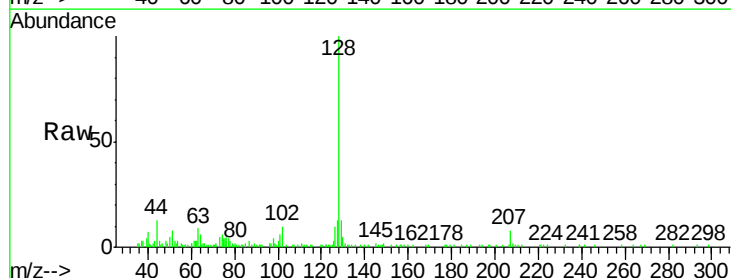
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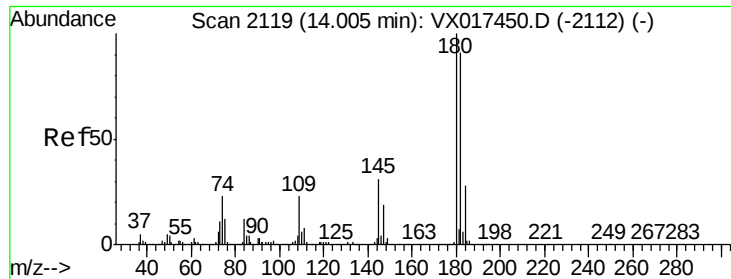
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#70
 Naphthalene
 Concen: 0.221 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.7	13.1#
127	14.7	10.2	15.4





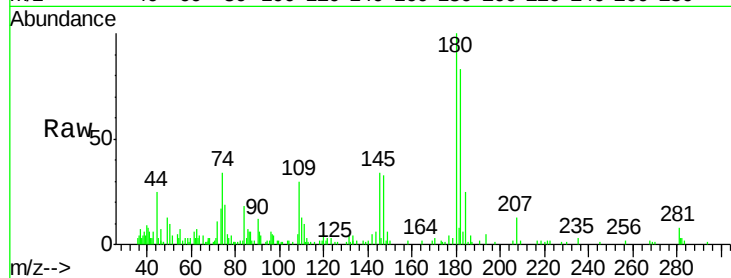
#71
 1,2,3-Trichlorobenzene
 Concen: 0.231 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017460.D
 Acq: 21 Jul 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.3	112.9
145	41.7	26.9	40.3

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Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

