

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092220\
 Data File : VX018537.D
 Acq On : 23 Sep 2020 14:09
 Operator : JC/SP
 Sample : MDL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:14:13 PM

Quant Time: Sep 24 01:11:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 24 00:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	283644	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	267438	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.07	152	124227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80751	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.70	69	67203	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.34	63	136979	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.54	46	193305	53.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	5.14	84	175066	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	6.03	65	97070	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	6.04	84	332974	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	7.37	67	100521	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	8.70	98	302913	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	8.99	79	42509	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
46) 2-Hexanone-d5	9.43	63	151181	52.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.94%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	69337	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.36	152	112378	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	4452	0.269 ug/L	94
3) Chloromethane	1.31	50	5081	0.359 ug/L	91
5) Vinyl chloride	1.39	62	4256m	0.291 ug/L	
6) Bromomethane	1.64	94	2856	0.323 ug/L	86
8) Chloroethane	1.72	64	2679	0.327 ug/L	100
9) Trichlorofluoromethane	1.92	101	6257	0.258 ug/L #	80
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	4686	0.339 ug/L #	81
12) 1,1-Dichloroethene	2.36	96	4670m	0.363 ug/L	
13) Acetone	2.44	43	6061m	2.983 ug/L	
14) Carbon disulfide	2.55	76	11814	0.289 ug/L #	92
15) Methyl Acetate	2.75	43	1743	0.343 ug/L #	81
16) Methylene chloride	2.84	84	16320	0.944 ug/L	93
17) Methyl tert-butyl Ether	3.17	73	7535	0.260 ug/L #	89
18) trans-1,2-Dichloroethene	3.14	96	3660	0.275 ug/L	88
19) 1,1-Dichloroethane	3.67	63	6076	0.256 ug/L	92
21) 2-Butanone	4.65	43	9670	3.238 ug/L	89
22) cis-1,2-Dichloroethene	4.55	96	3924m	0.286 ug/L	

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Manual Integrations
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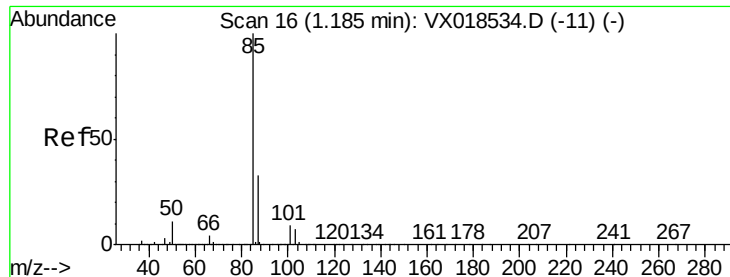
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 9/28/2020 5:14:13 PM

Quant Time: Sep 24 01:11:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

23) Bromochloromethane	4.97	128	2167	0.321	ug/L	78
25) Chloroform	5.18	83	11219	0.432	ug/L	79
27) 1,2-Dichloroethane	6.16	62	5649	0.342	ug/L #	83
29) 1,1,1-Trichloroethane	5.45	97	6000	0.249	ug/L	90
30) Cyclohexane	5.56	56	5083m	0.257	ug/L	
31) Carbon tetrachloride	5.76	117	5916	0.275	ug/L	88
33) Benzene	6.11	78	12907	0.263	ug/L	100
34) Trichloroethene	7.18	95	3612	0.260	ug/L	93
35) Methylcyclohexane	7.44	83	5103	0.260	ug/L #	85
37) 1,2-Dichloropropane	7.49	63	3198	0.253	ug/L #	87
38) Bromodichloromethane	7.87	83	4806	0.273	ug/L	90
39) cis-1,3-Dichloropropene	8.41	75	4201m	0.226	ug/L	
40) 4-Methyl-2-pentanone	8.62	43	15961	2.273	ug/L #	89
42) Toluene	8.76	91	12423	0.236	ug/L	93
44) trans-1,3-Dichloropropene	9.02	75	3477m	0.207	ug/L	
45) 1,1,2-Trichloroethane	9.20	97	2312	0.254	ug/L #	78
47) Tetrachloroethene	9.32	164	2870	0.248	ug/L	93
48) 2-Hexanone	9.47	43	12950	2.523	ug/L #	95
49) Dibromochloromethane	9.56	129	2652	0.220	ug/L #	62
50) 1,2-Dibromoethane	9.65	107	2377	0.274	ug/L #	90
51) Chlorobenzene	10.12	112	9358	0.269	ug/L	92
52) Ethylbenzene	10.23	91	13272	0.234	ug/L	94
53) m,p-xylene	10.34	106	5090	0.235	ug/L	95
54) o-xylene	10.68	106	4537	0.225	ug/L	89
55) Styrene	10.70	104	7276	0.211	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.25	83	2862	0.277	ug/L #	88
59) Bromoform	10.84	173	1709	0.257	ug/L #	91
60) Isopropylbenzene	11.00	105	10966	0.216	ug/L #	93
61) 1,2,3-Trichloropropane	11.29	75	1770	0.233	ug/L #	72
62) 1,3,5-Trimethylbenzene	11.49	105	8337	0.203	ug/L	95
63) 1,2,4-Trimethylbenzene	11.79	105	8575	0.205	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	6051	0.234	ug/L #	66
65) 1,4-Dichlorobenzene	12.09	146	7583	0.288	ug/L	92
67) 1,2-Dichlorobenzene	12.38	146	6444	0.267	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	686	0.329	ug/L #	36
69) 1,3,5-Trichlorobenzene	13.15	180	4459	0.235	ug/L #	90
70) 1,2,4-trichlorobenzene	13.63	180	4417	0.280	ug/L	90
71) Naphthalene	13.82	128	5362	0.204	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.01	180	3427	0.240	ug/L	95

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



#2

Dichlorodifluoromethane

Concen: 0.269 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 85 Resp: 4452

Ion Ratio Lower Upper

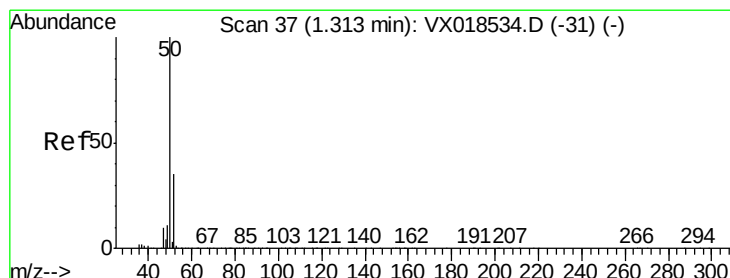
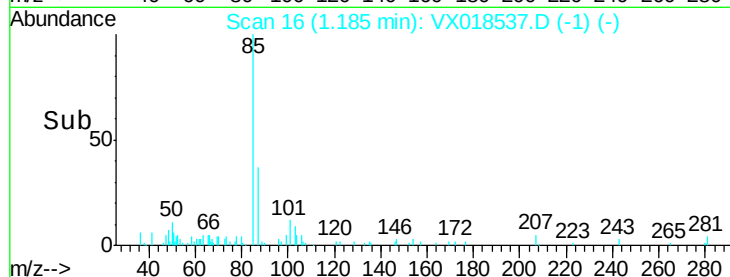
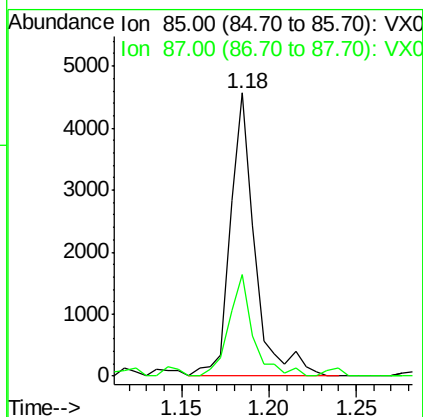
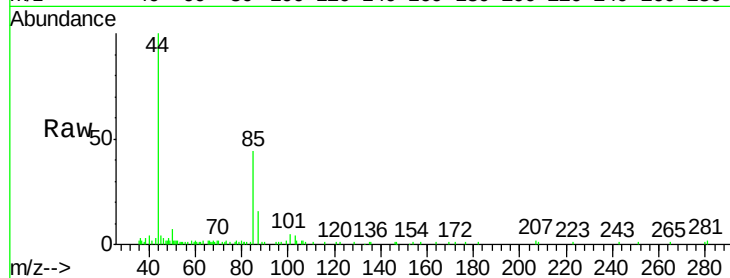
85 100

87 35.8 25.8 38.8

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#3

Chloromethane

Concen: 0.359 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018537.D

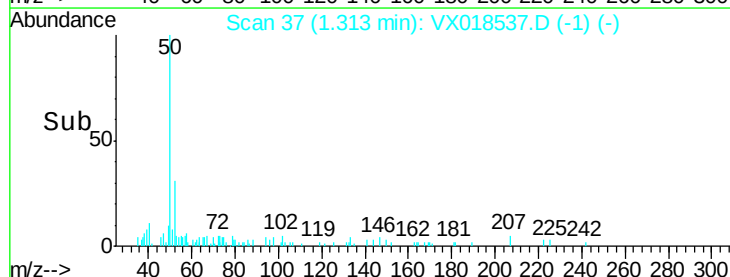
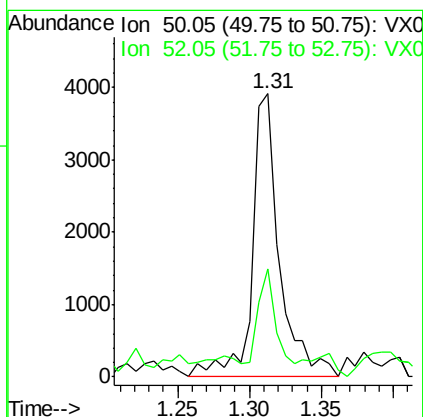
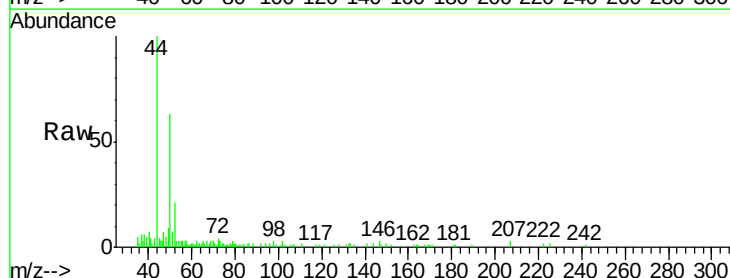
Acq: 23 Sep 2020 14:09

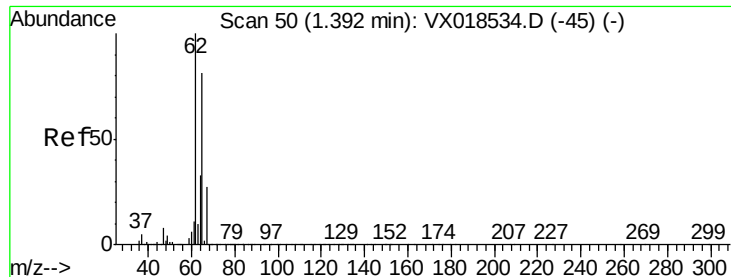
Tgt Ion: 50 Resp: 5081

Ion Ratio Lower Upper

50 100

52 38.3 23.1 42.9





#5

Vinyl chloride

Concen: 0.291 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 62 Resp: 4256

Ion Ratio Lower Upper

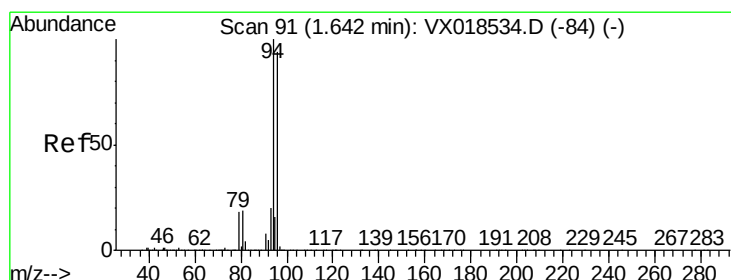
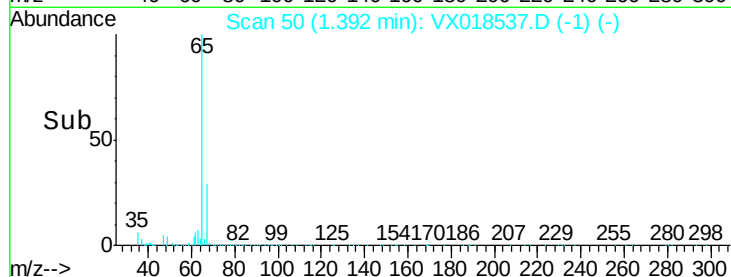
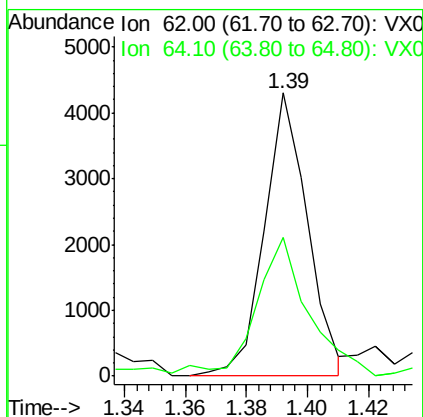
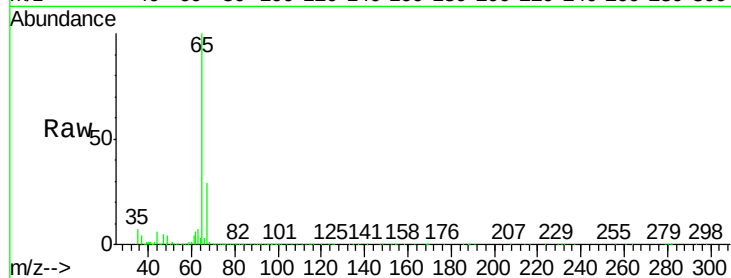
62 100

64 49.0 24.8 46.0#

Manual Integrations
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#6

Bromomethane

Concen: 0.323 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018537.D

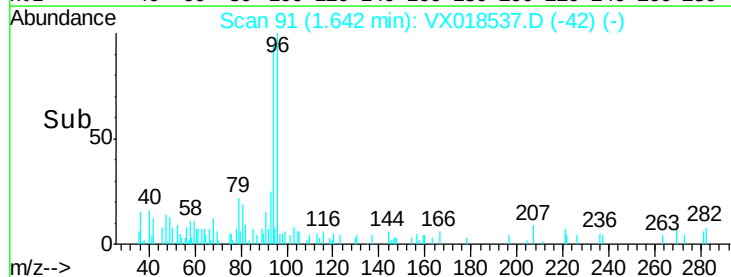
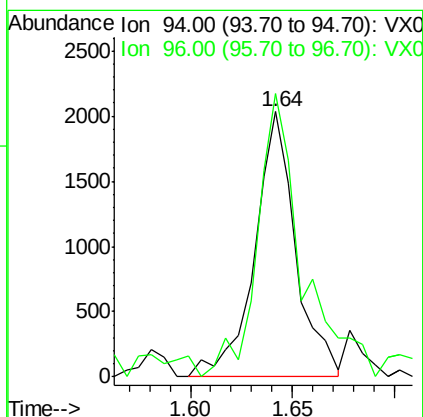
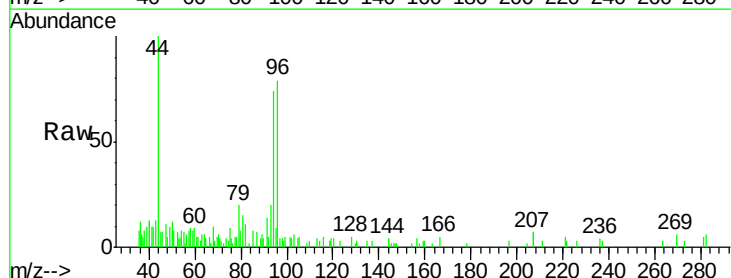
Acq: 23 Sep 2020 14:09

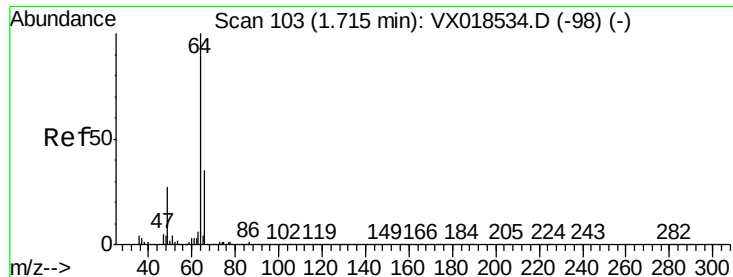
Tgt Ion: 94 Resp: 2856

Ion Ratio Lower Upper

94 100

96 106.7 65.2 121.2





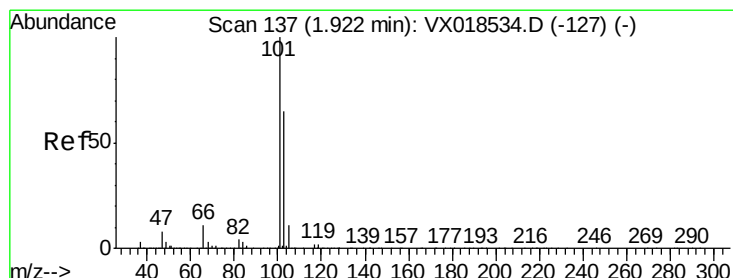
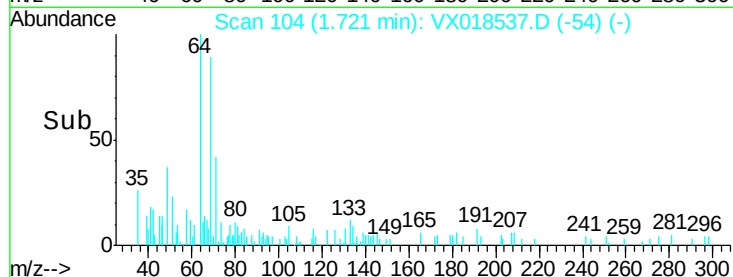
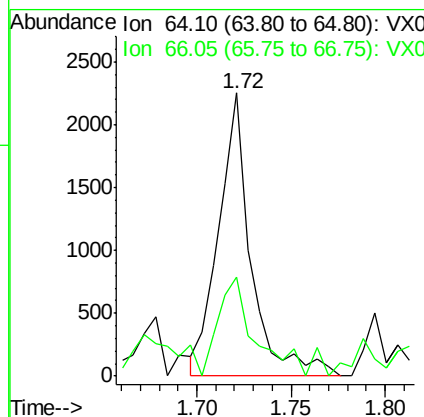
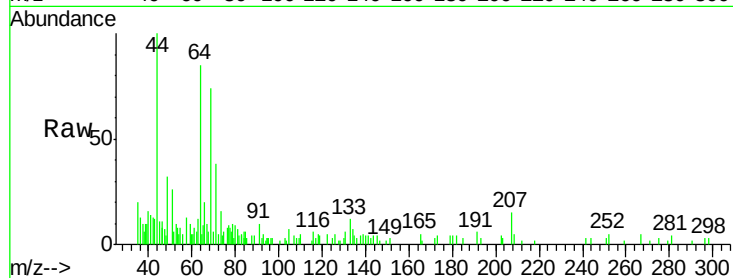
#8
Chloroethane
Concen: 0.327 ug/L
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion: 64 Resp: 2679
Ion Ratio Lower Upper
64 100
66 33.2 23.4 43.4

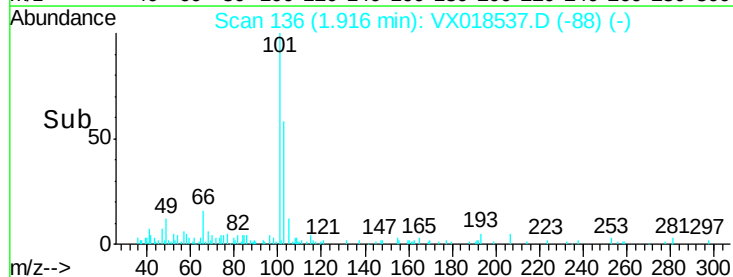
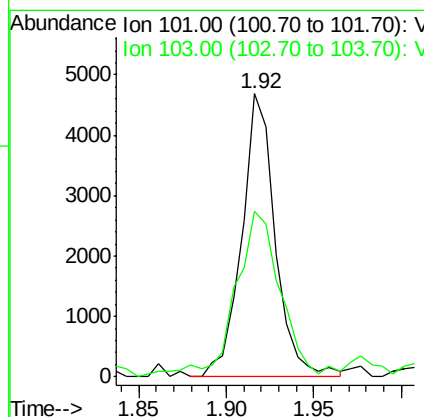
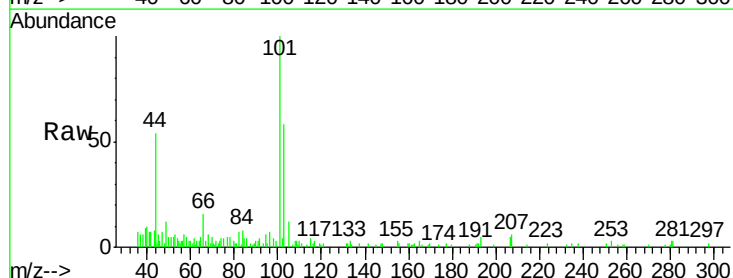
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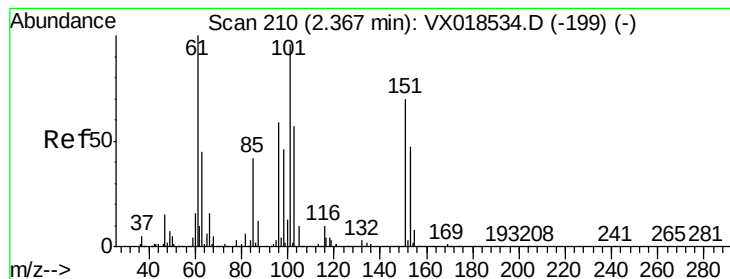
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#9
Trichlorofluoromethane
Concen: 0.258 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Tgt Ion: 101 Resp: 6257
Ion Ratio Lower Upper
101 100
103 77.9 50.2 75.2#





#10

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

Concen: 0.339 ug/L

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

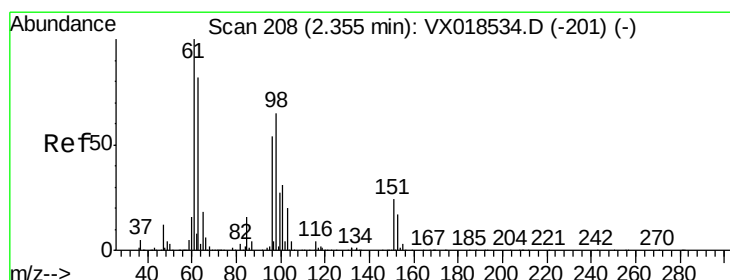
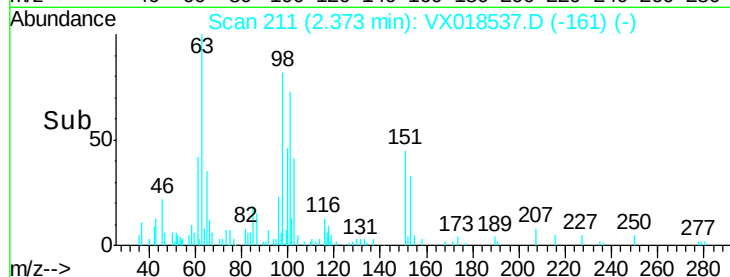
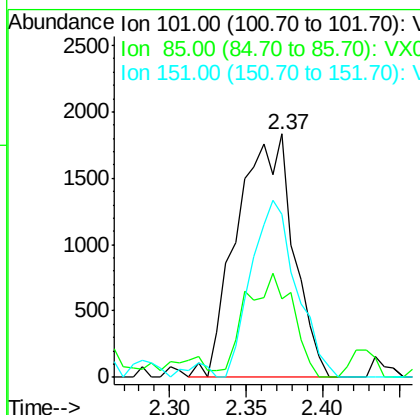
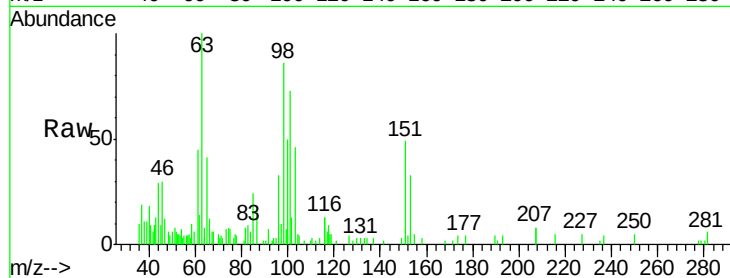
ClientSampled :

MDL01

Tot Ion:	101	Resp:	4686
Ion Ratio	Lower	Upper	
101	100		
85	36.2	35.9	53.9
151	58.7	62.4	93.6#

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#12

1,1-Dichloroethene

Concen: 0.363 ug/L m

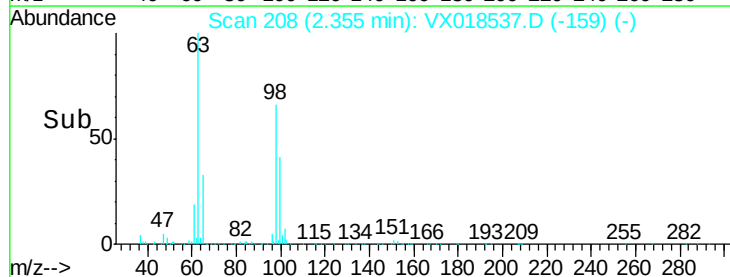
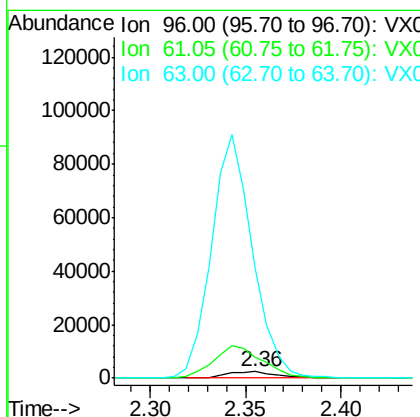
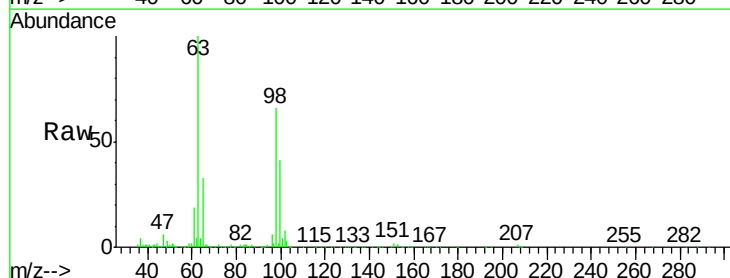
RT: 2.36 min Scan# 208

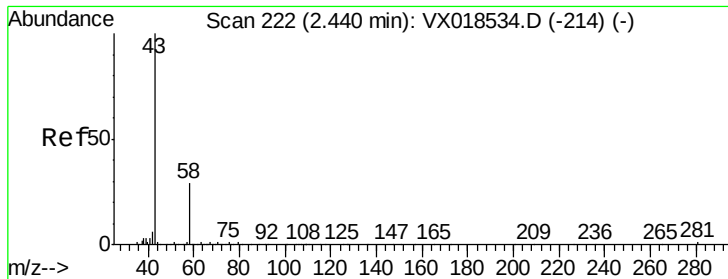
Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Tgt Ion:	96	Resp:	4670
Ion Ratio	Lower	Upper	
96	100		
61	337.4	128.9	239.3#
63	1750.7	105.6	196.2#





#13

Acetone

Concen: 2.983 ug/L m

RT: 2.44 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX018537.D

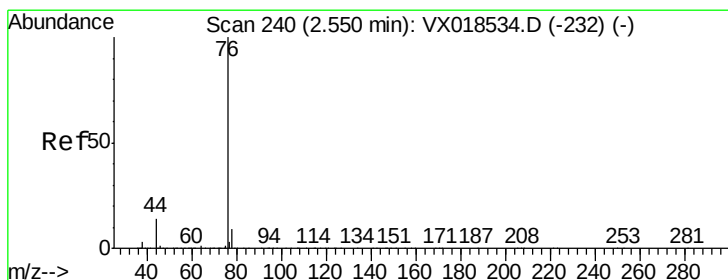
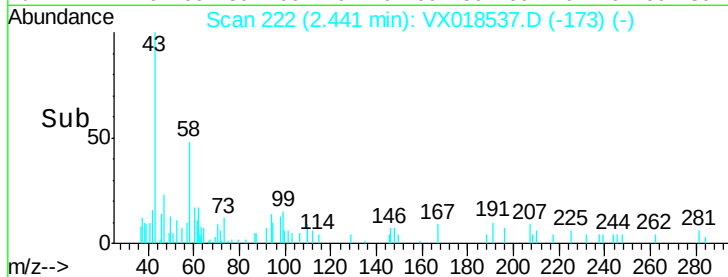
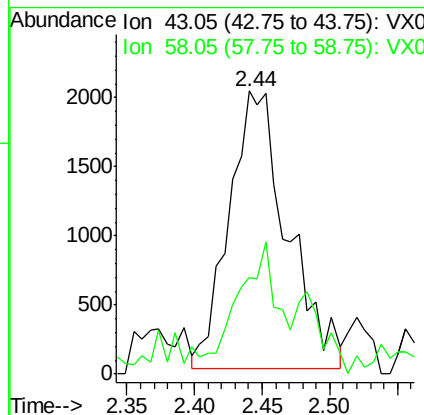
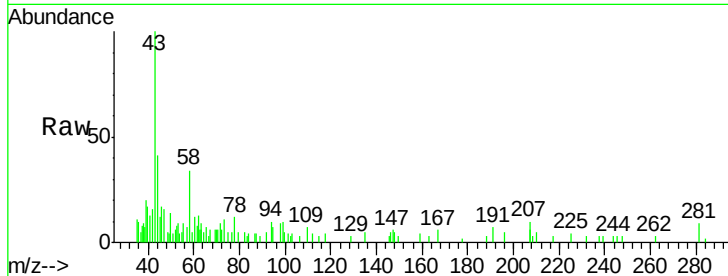
Acq: 23 Sep 2020 14:09

Tot Ion:	43	Resp:	6061
Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	58.0

Instrument :
MSVOA_X
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MDL01

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#14

Carbon disulfide

Concen: 0.289 ug/L

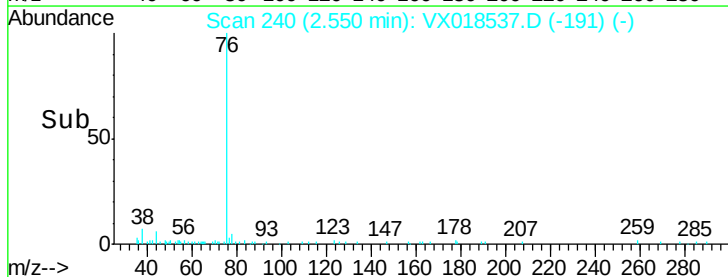
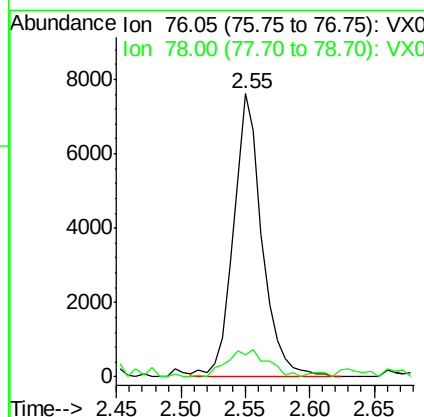
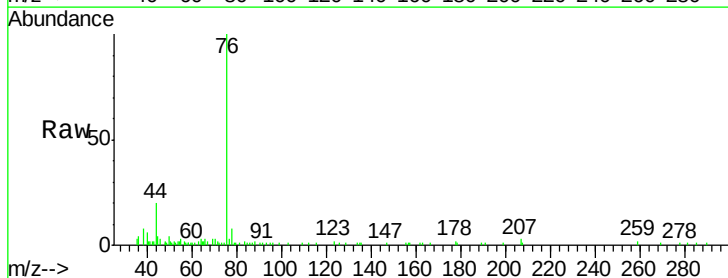
RT: 2.55 min Scan# 240

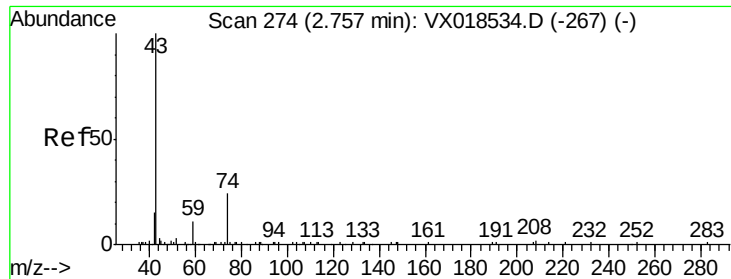
Delta R.T. 0.00 min

Lab File: VX018537.D

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Tgt Ion:	76	Resp:	11814
Ion	Ratio	Lower	Upper
76	100		
78	7.7	8.5	12.7#





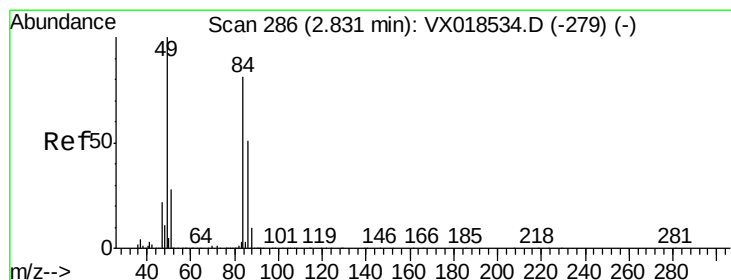
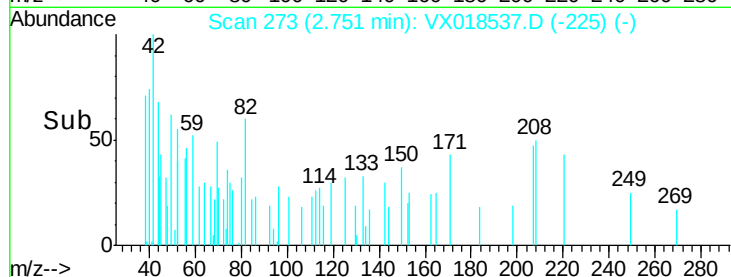
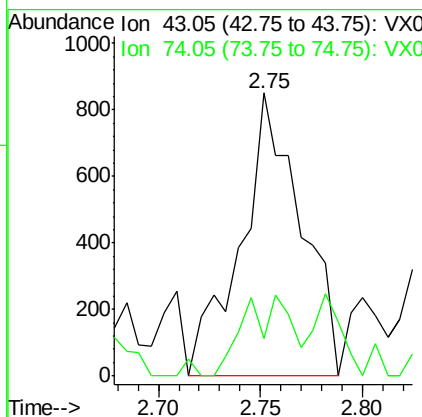
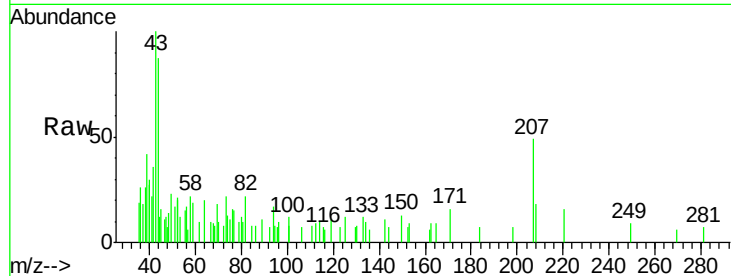
#15
Methyl Acetate
Concen: 0.343 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
74 11.2 15.8 23.6#

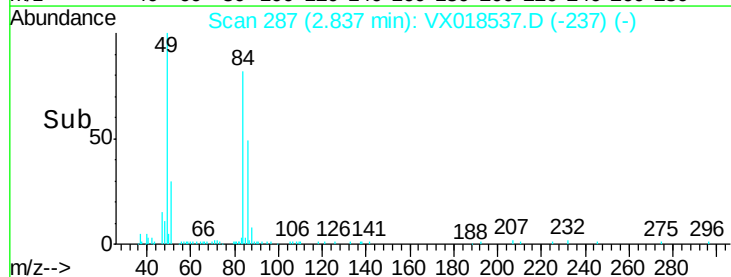
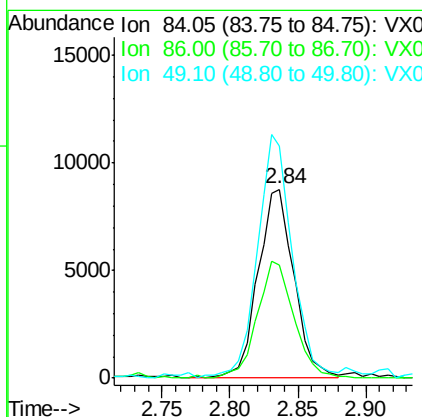
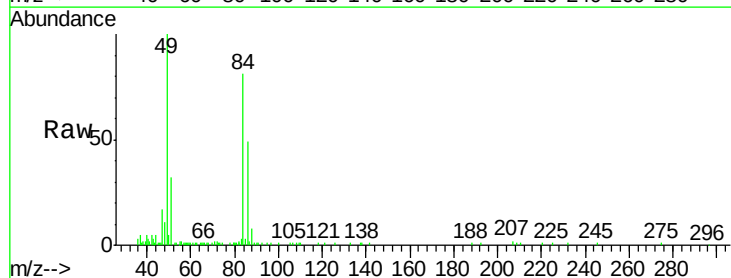
Manual Integrations
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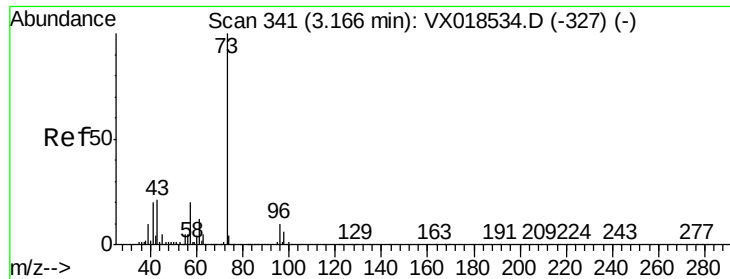
MMDadoda
9/28/2020 5:14:13 PM



#16
Methylene chloride
Concen: 0.944 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Tgt Ion: 84 Resp: 16320
Ion Ratio Lower Upper
84 100
86 59.7 39.8 74.0
49 123.0 79.5 147.6





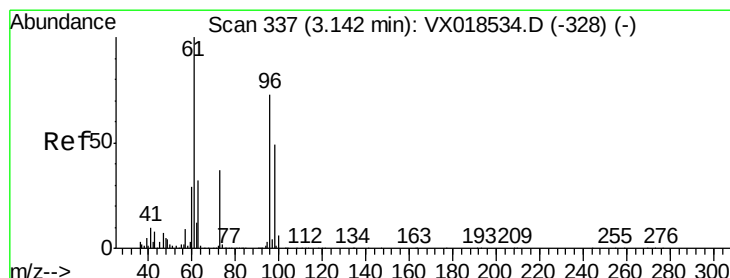
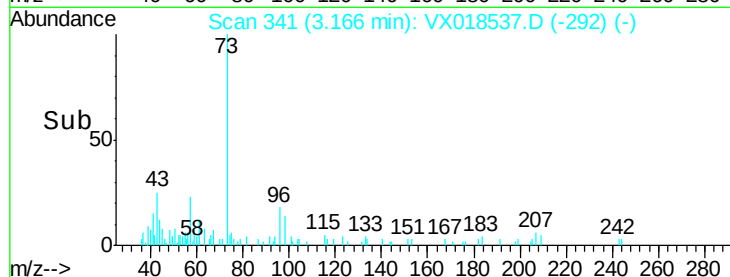
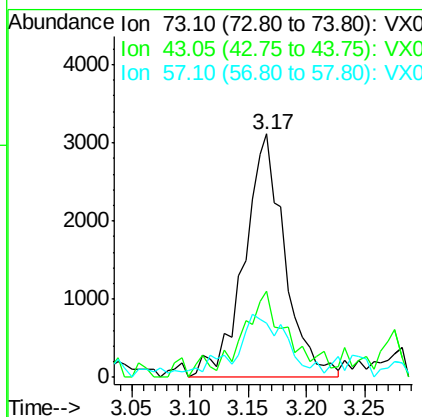
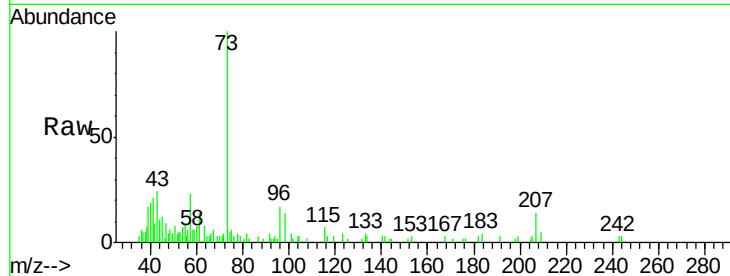
#17
Methyl tert-butyl Ether
Concen: 0.260 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
73	100		
43	33.4	18.3	27.5#
57	22.7	18.0	27.0

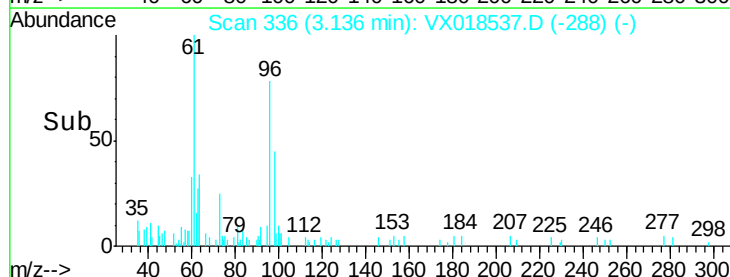
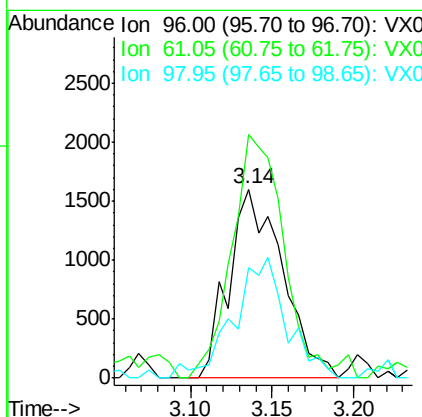
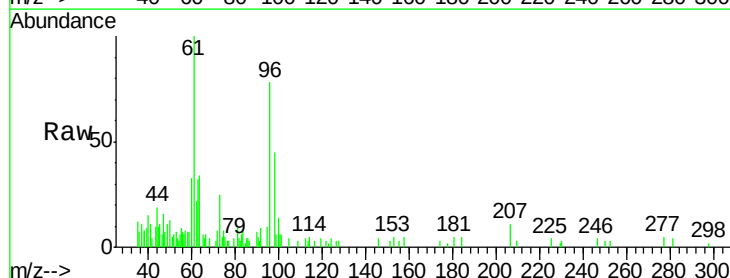
Manual Integrations
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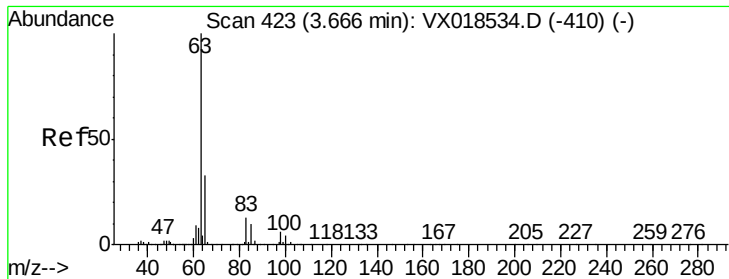
MMDadoda
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#18
trans-1,2-Dichloroethene
Concen: 0.275 ug/L
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.9	102.6	190.6
98	58.6	45.2	84.0





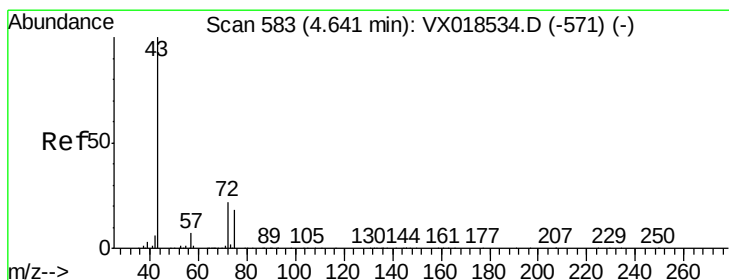
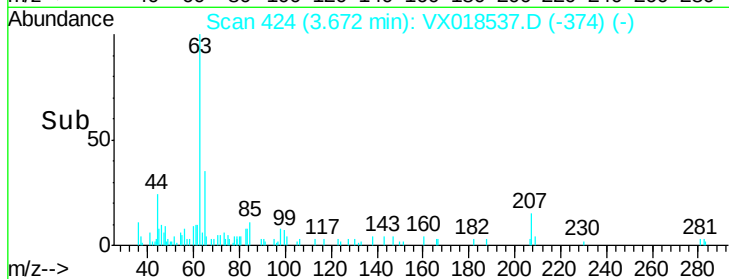
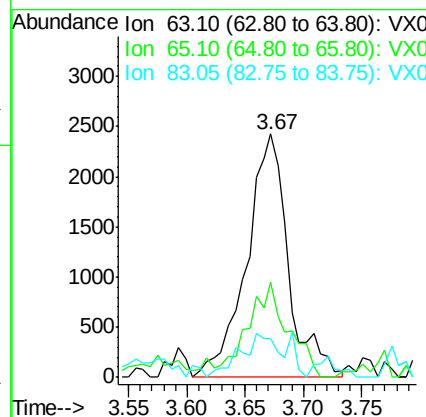
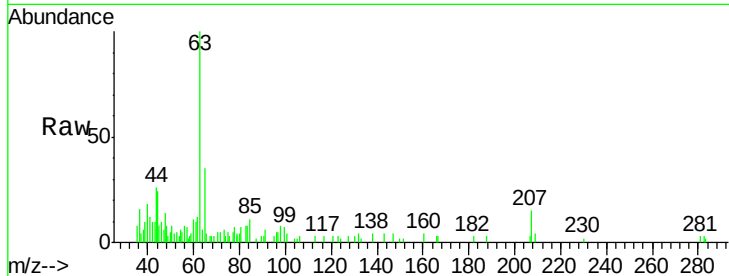
#19
 1,1-Dichloroethane
 Concen: 0.256 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion:	63	Resp:	6076
Ion	Ratio	Lower	Upper
63	100		
65	37.1	21.7	40.3
83	14.9	10.0	18.6

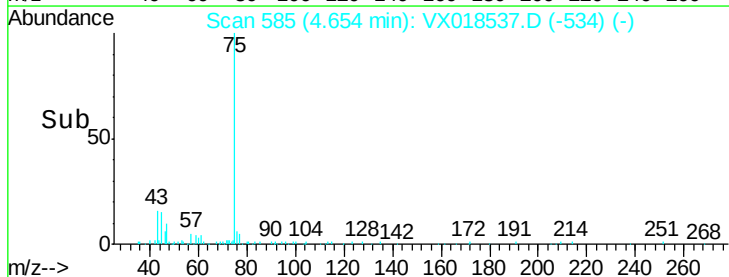
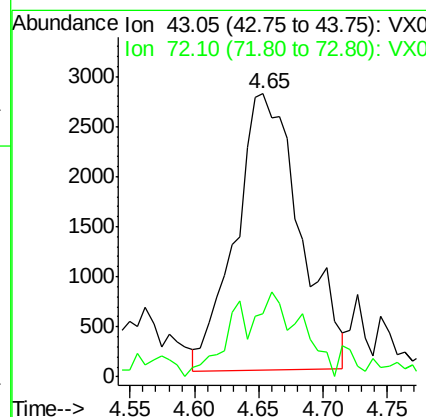
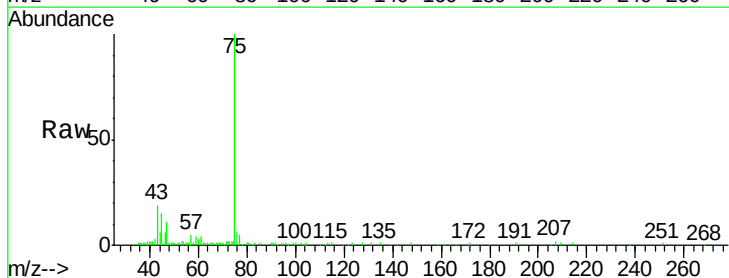
Manual Integrations
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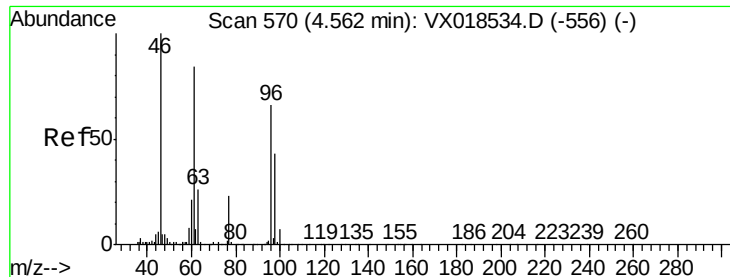
MMDadoda
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#21
 2-Butanone
 Concen: 3.238 ug/L
 RT: 4.65 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion:	43	Resp:	9670
Ion	Ratio	Lower	Upper
43	100		
72	20.2	13.0	38.9





#22

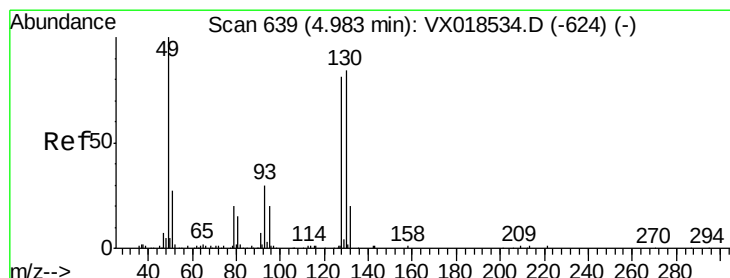
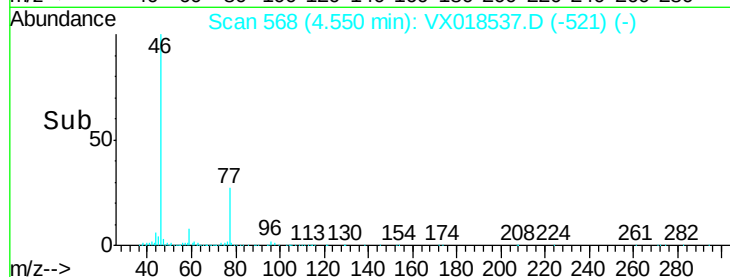
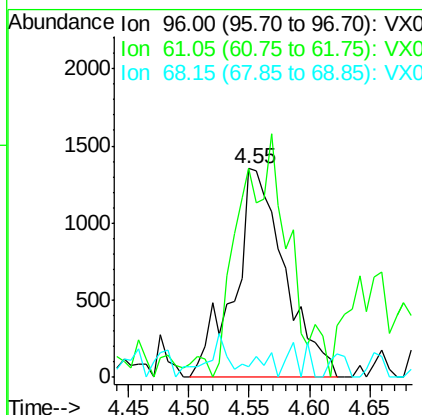
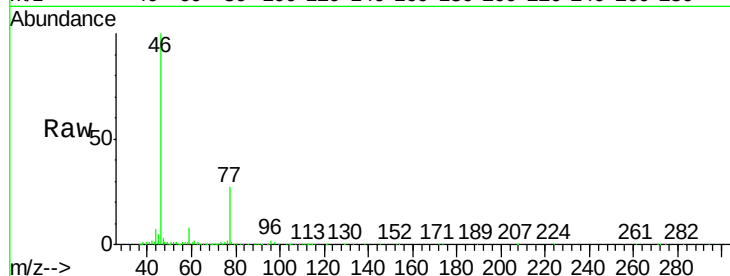
cis-1,2-Dichloroethene
Concen: 0.286 ug/L m
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
96	100		
61	100.1	97.5	181.1
68	5.0	0.0	0.0#

Manual Integrations
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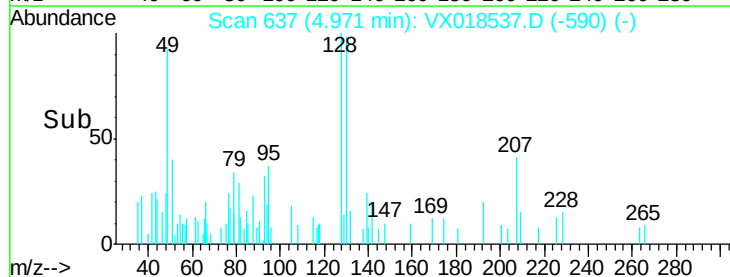
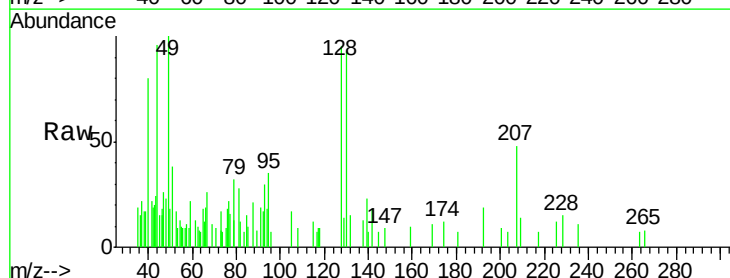
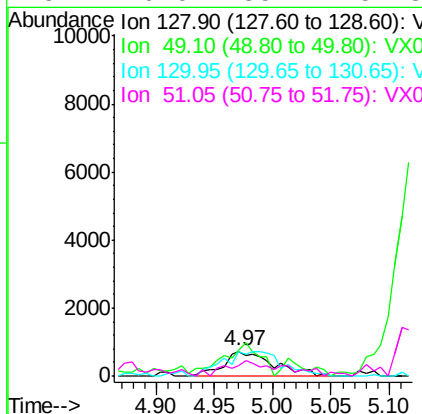
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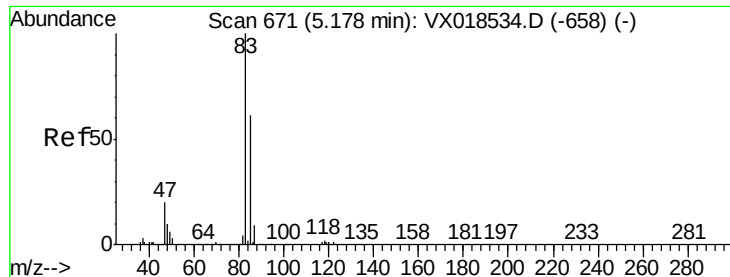


#23

Bromochloromethane
Concen: 0.321 ug/L
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
128	100		
49	105.7	99.6	185.0
130	98.1	83.6	155.2
51	40.0	35.2	52.8





#25

Chloroform

Concen: 0.432 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 83 Resp: 11219

Ion Ratio Lower Upper

83 100

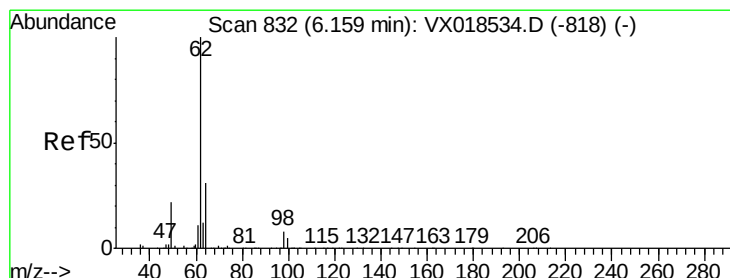
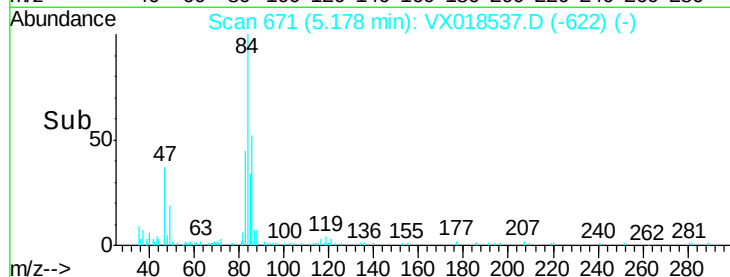
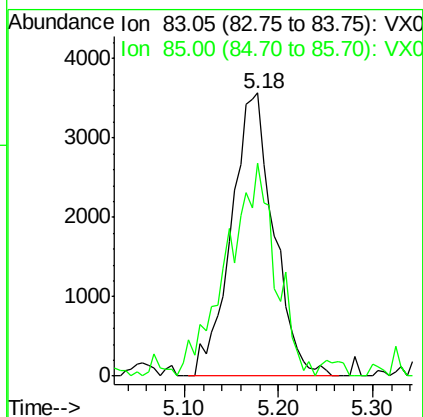
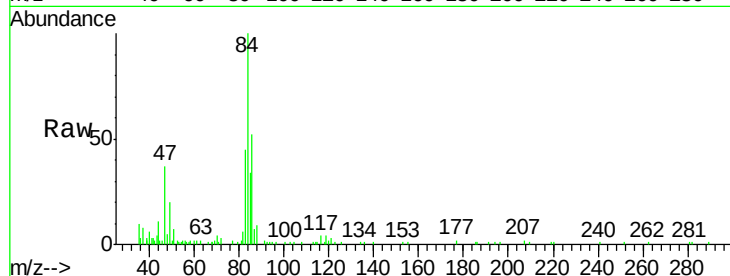
85 75.3 41.6 77.3

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 0.342 ug/L

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018537.D

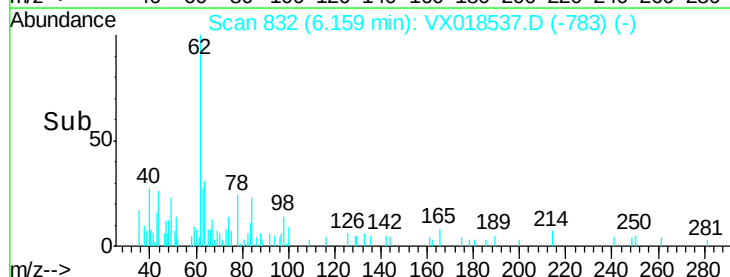
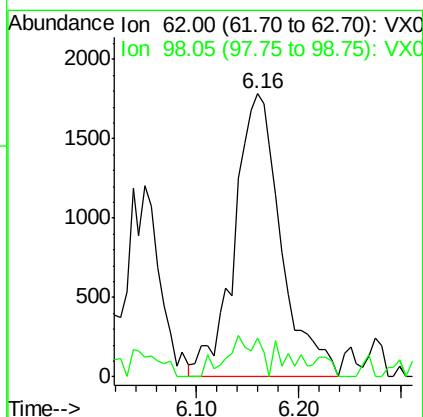
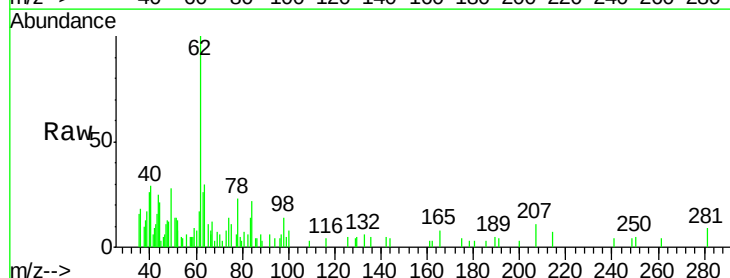
Acq: 23 Sep 2020 14:09

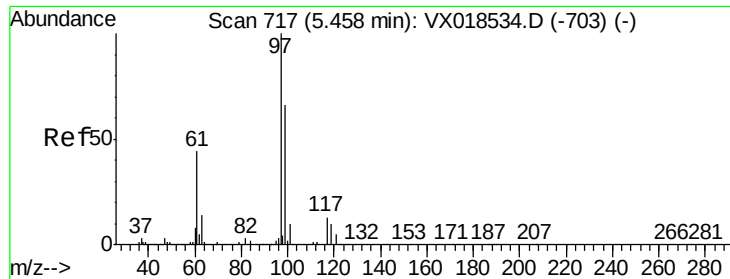
Tgt Ion: 62 Resp: 5649

Ion Ratio Lower Upper

62 100

98 13.7 6.2 9.4#





#29

1,1,1-Trichloroethane

Concen: 0.249 ug/L

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

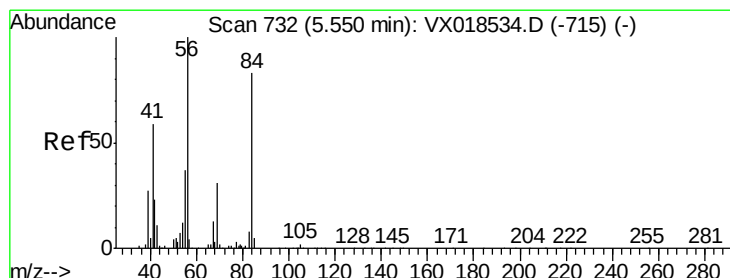
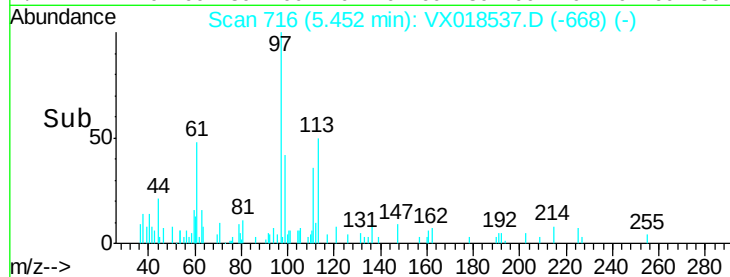
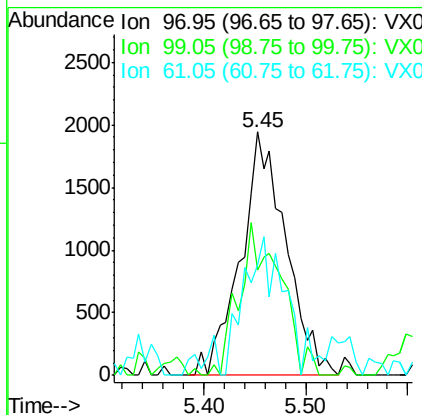
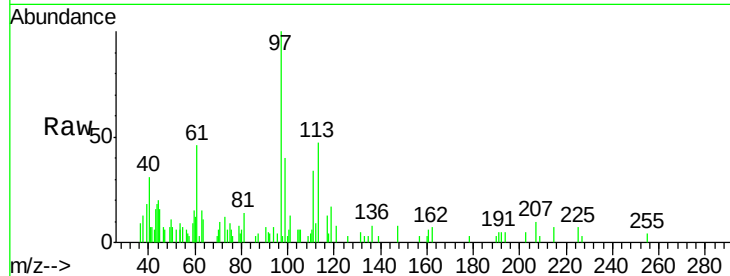
ClientSampled :

MDL01

Tot Ion:	97	Resp:	6000
Ion	Ratio	Lower	Upper
97	100		
99	57.1	53.6	80.4
61	48.3	34.8	52.2

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#30

Cyclohexane

Concen: 0.257 ug/L m

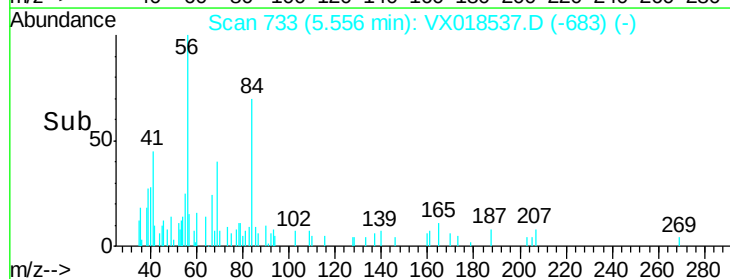
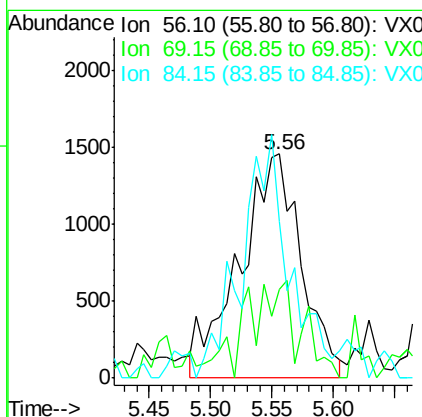
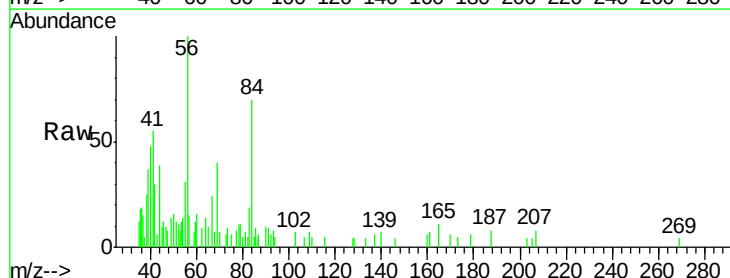
RT: 5.56 min Scan# 733

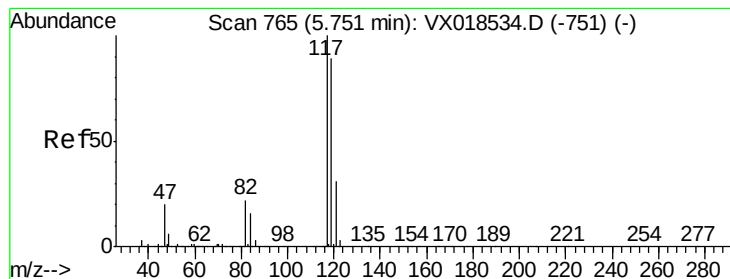
Delta R.T. 0.01 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Tgt Ion:	56	Resp:	5083
Ion	Ratio	Lower	Upper
56	100		
69	2.6	24.7	37.1#
84	10.0	68.6	103.0#





#31

Carbon tetrachloride

Concen: 0.275 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion:117 Resp: 5916

Ion Ratio Lower Upper

117 100

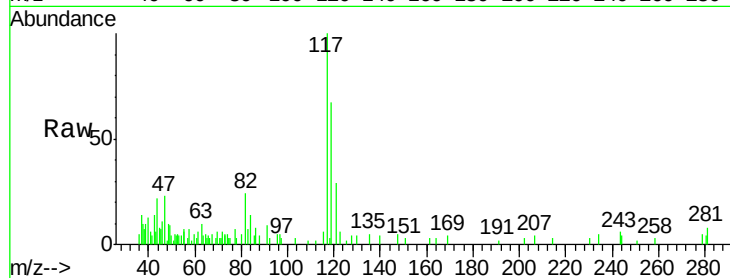
119 110.2 78.3 117.5

Manual Integrations

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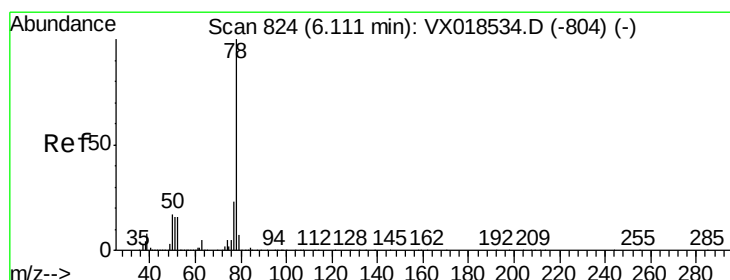
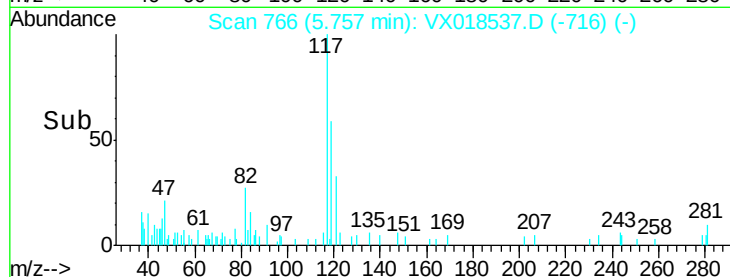
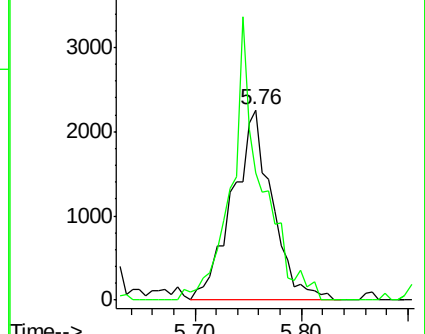
MMDadoda

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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.263 ug/L

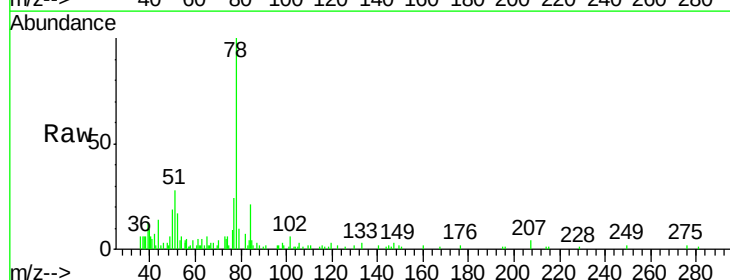
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

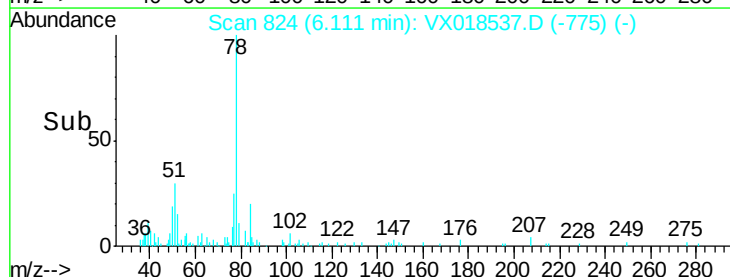
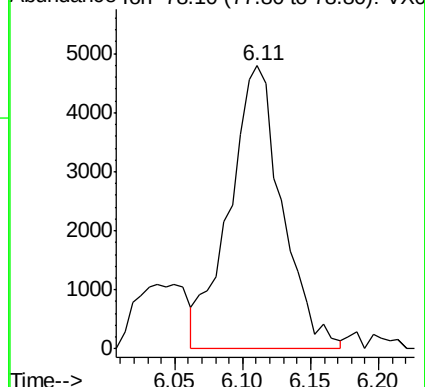
Lab File: VX018537.D

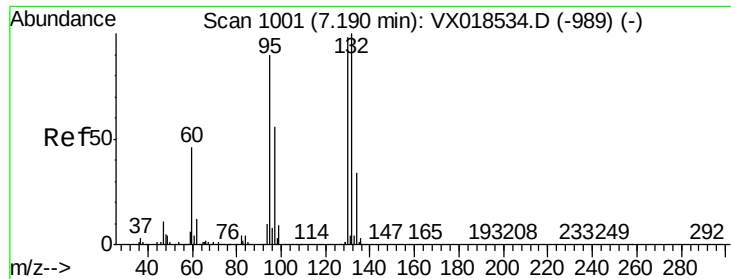
Acq: 23 Sep 2020 14:09

Tgt Ion: 78 Resp: 12907



Abundance Ion 78.10 (77.80 to 78.80): VX0





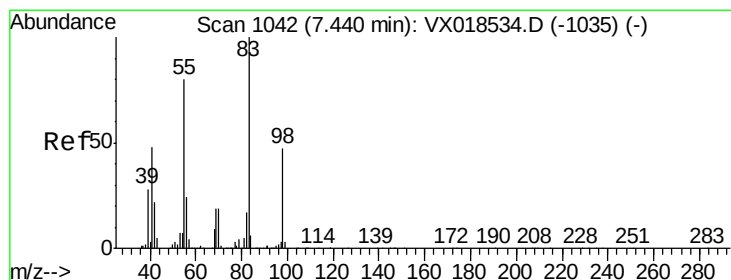
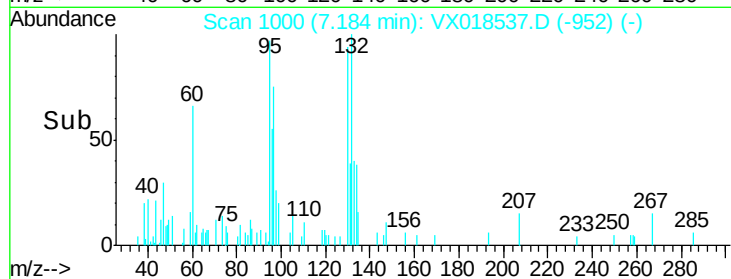
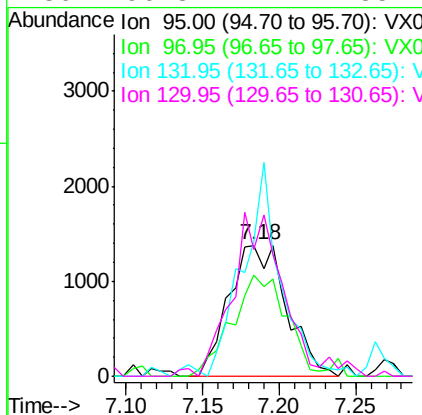
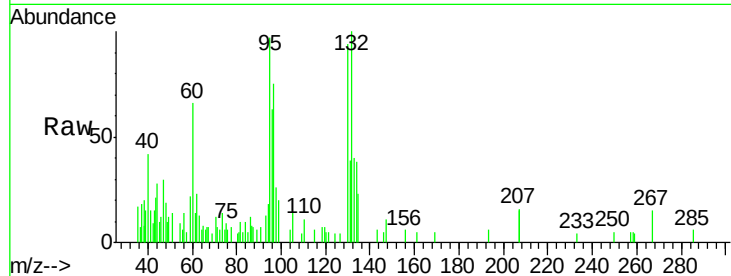
#34
 Trichloroethene
 Concen: 0.260 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	95	Resp:	3612
Ion	Ratio	Lower	Upper
95	100		
97	77.1	44.0	81.8
132	102.9	74.1	137.7
130	96.8	71.7	133.1

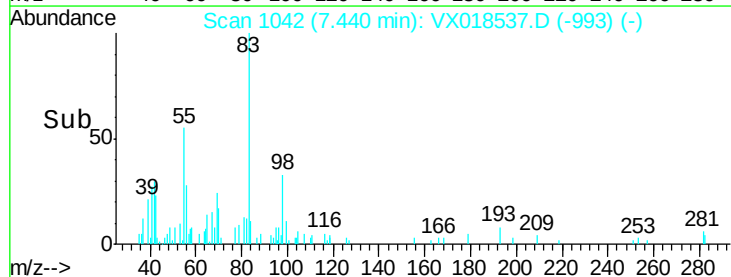
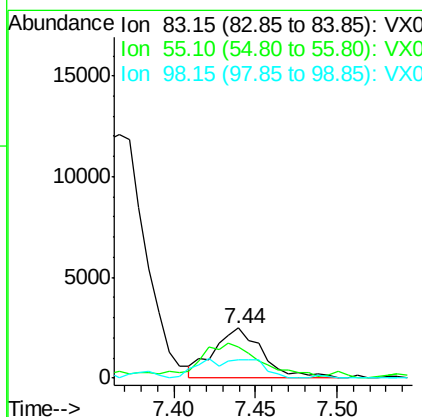
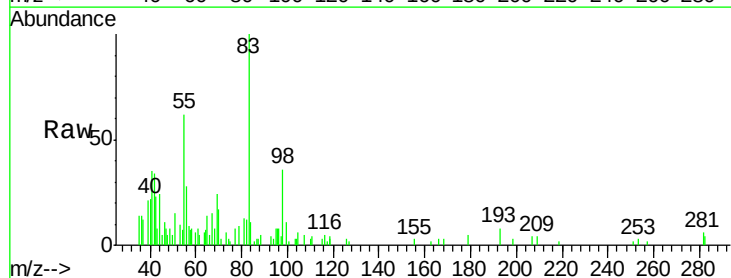
Manual Integrations
 APPROVED

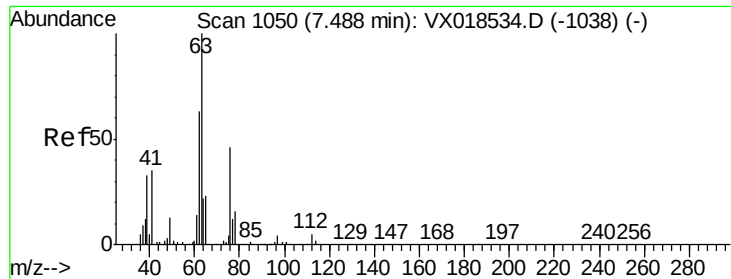
MMDadoda
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#35
 Methylcyclohexane
 Concen: 0.260 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion	83	Resp:	5103
Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.7	98.5
98	20.0	37.8	56.8#





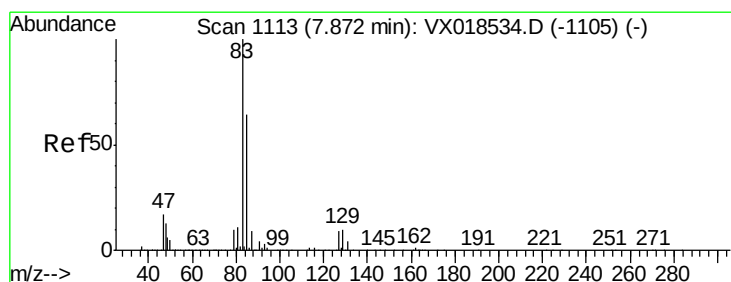
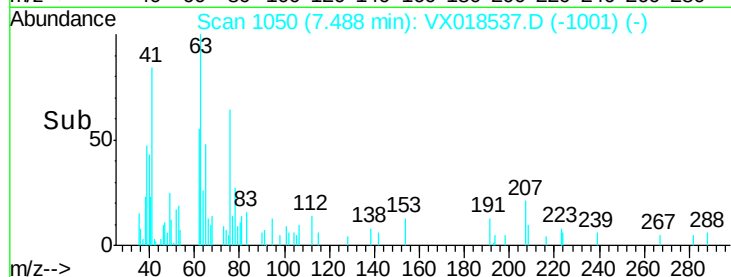
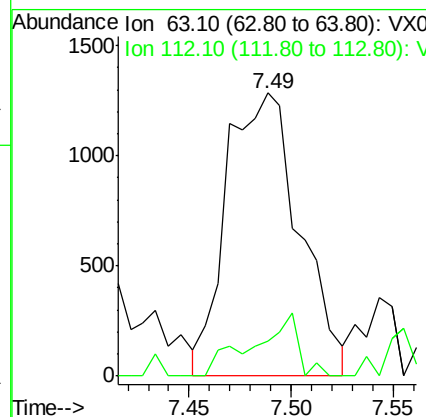
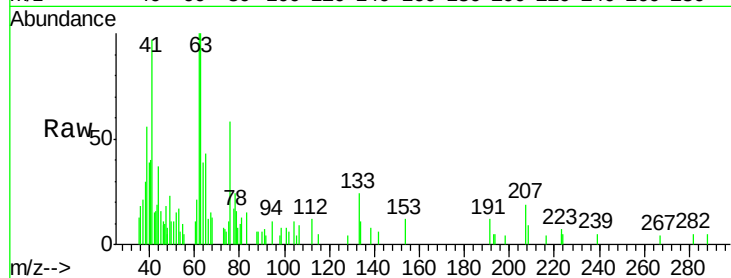
#37
 1,2-Dichloropropane
 Concen: 0.253 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
63	100		
112	9.6	4.1	6.1#

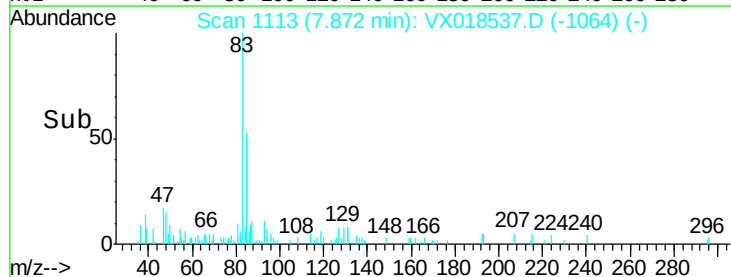
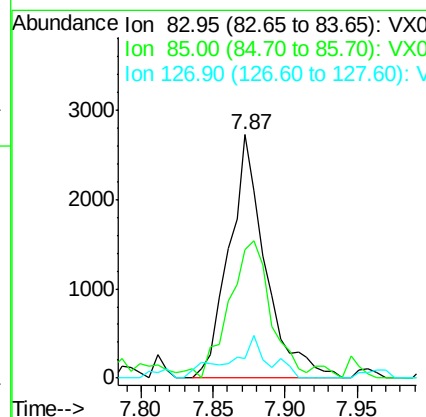
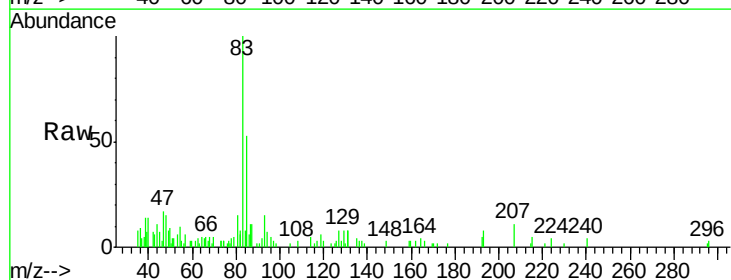
Manual Integrations
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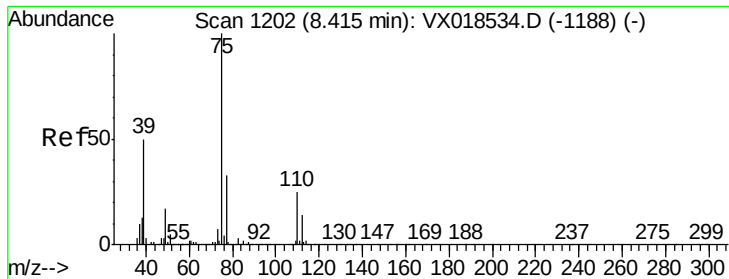
MMDadoda
 9/28/2020 5:14:13 PM



#38
 Bromodichloromethane
 Concen: 0.273 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.5	42.9	79.7
127	8.0	7.2	10.8





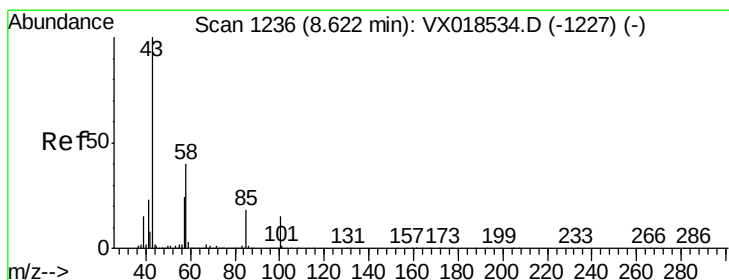
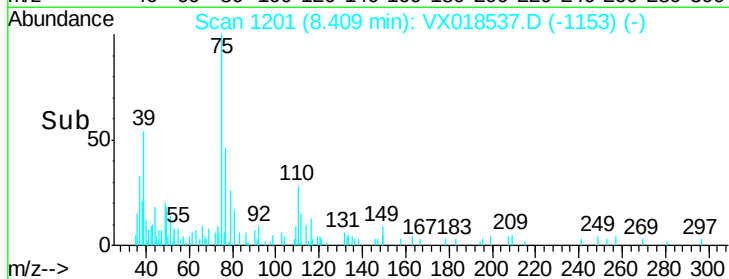
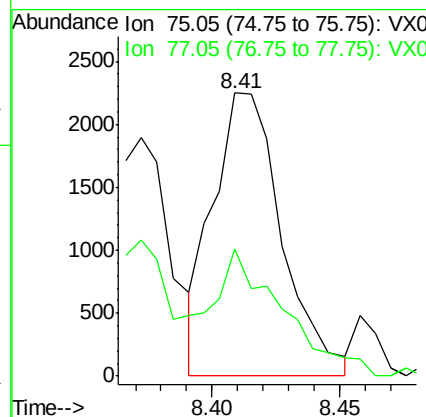
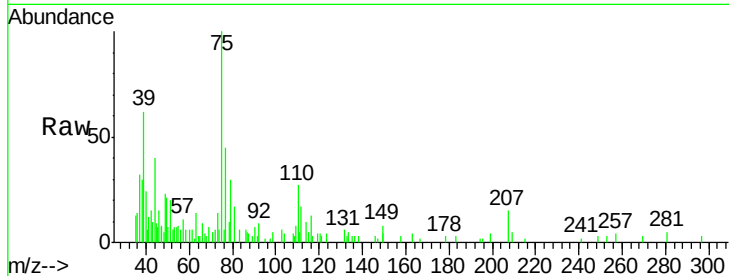
#39
 cis-1,3-Dichloropropene
 Concen: 0.226 ug/L m
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion: 75 Resp: 4201
 Ion Ratio Lower Upper
 75 100
 77 44.8 21.2 39.4#

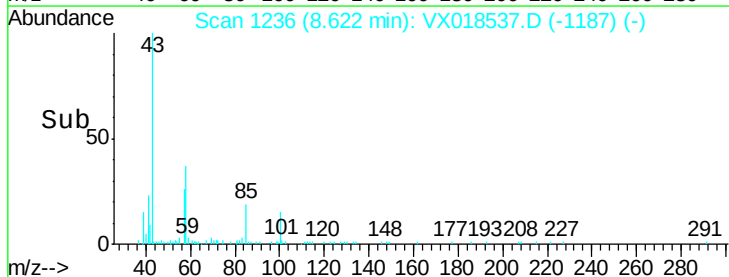
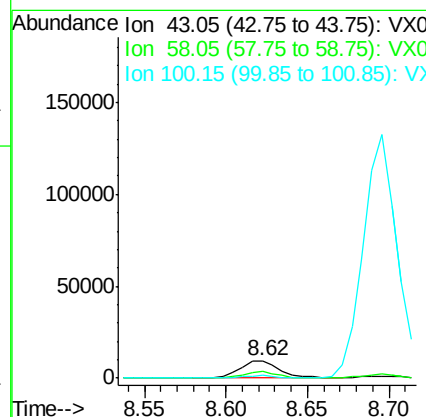
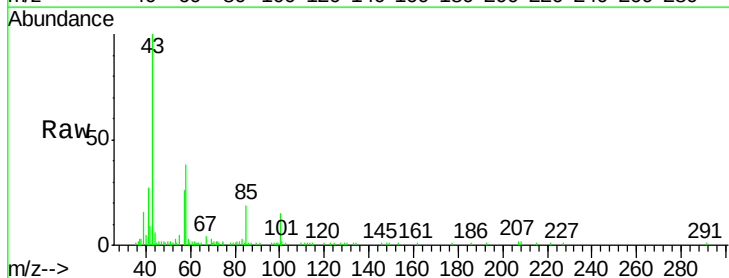
Manual Integrations
 APPROVED

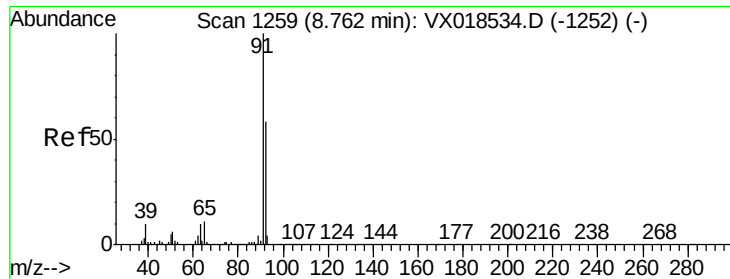
MMDadoda
 9/28/2020 5:14:13 PM



#40
 4-Methyl-2-pentanone
 Concen: 2.273 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion: 43 Resp: 15961
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.8 44.8
 100 0.0 11.5 17.3#





#42

Toluene

Concen: 0.236 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 91 Resp: 12423

Ion Ratio Lower Upper

91 100

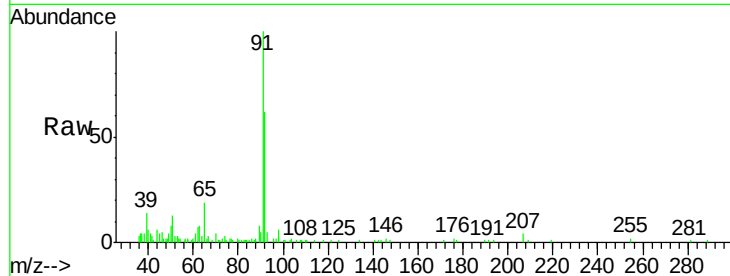
92 62.0 39.9 74.1

Manual Integrations

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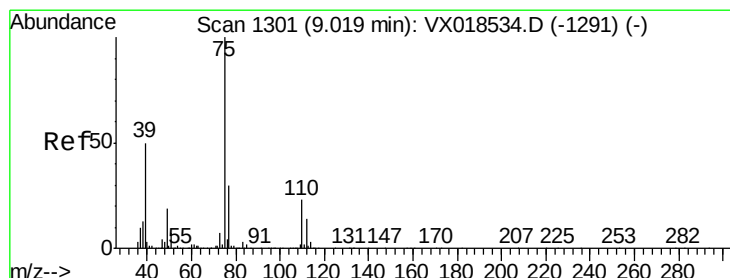
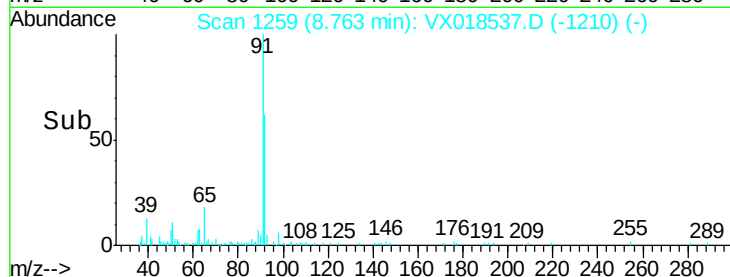
Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

8.70 8.75 8.80 8.85

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.207 ug/L m

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX018537.D

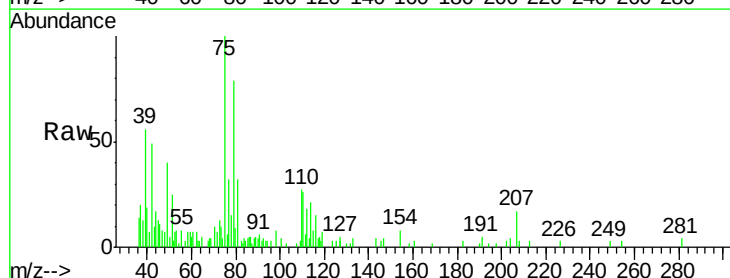
Acq: 23 Sep 2020 14:09

Tgt Ion: 75 Resp: 3477

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



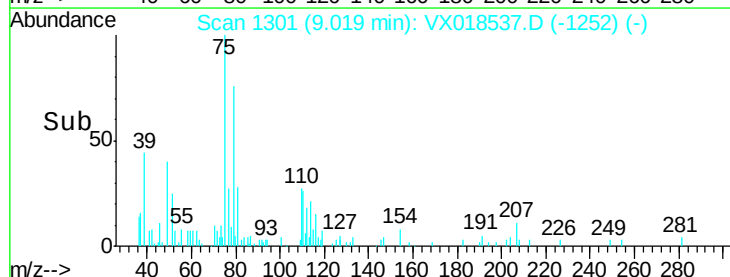
Abundance Ion 75.05 (74.75 to 75.75): VX0

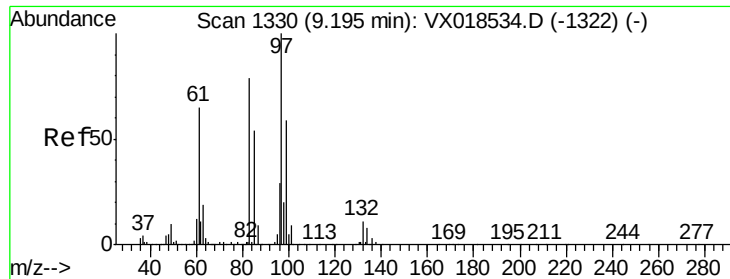
Ion 77.05 (76.75 to 77.75): VX0

9.02

9.00 9.05

Time-->





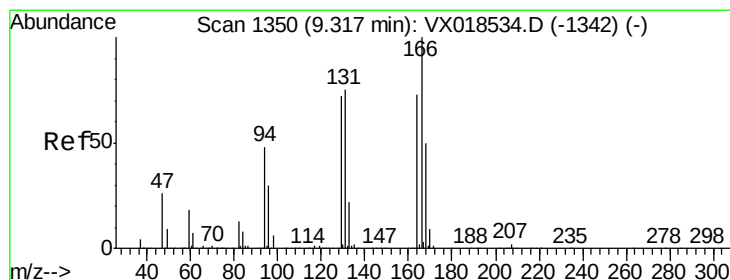
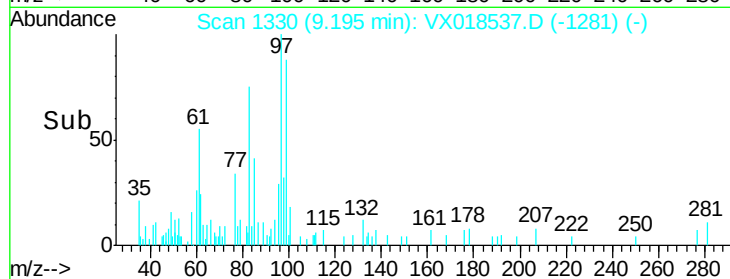
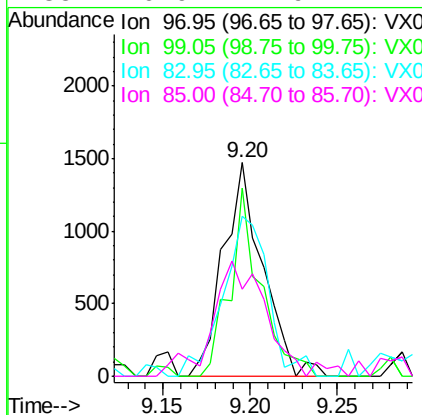
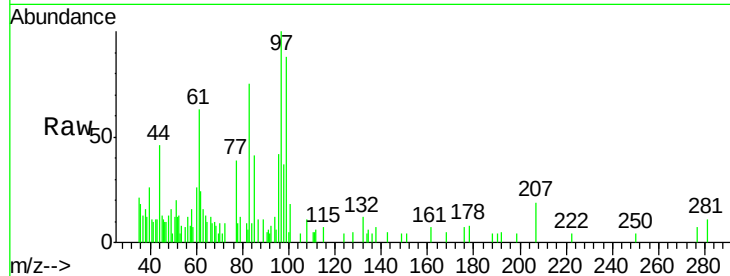
#45
 1,1,2-Trichloroethane
 Concen: 0.254 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		2312		
99	88.2	45.2	84.0#		
83	75.1	60.9	113.1		
85	40.9	41.9	77.7#		

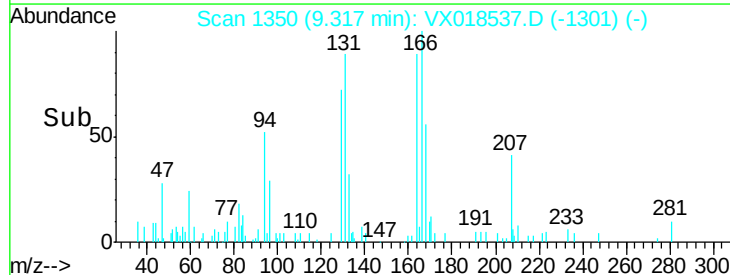
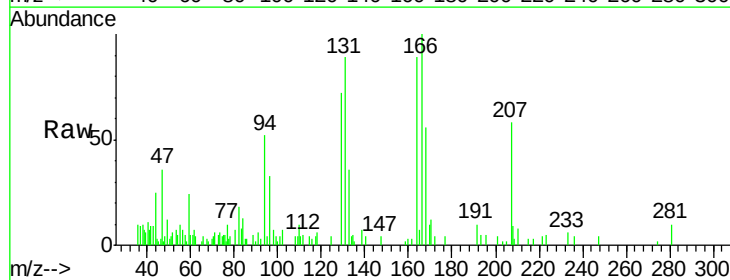
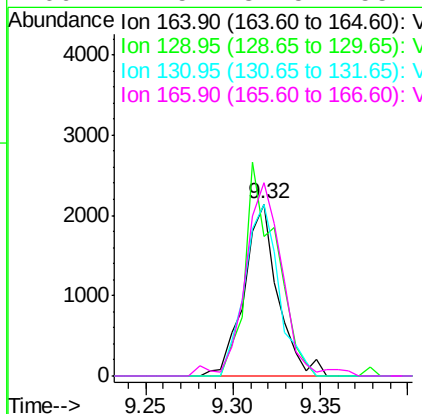
Manual Integrations
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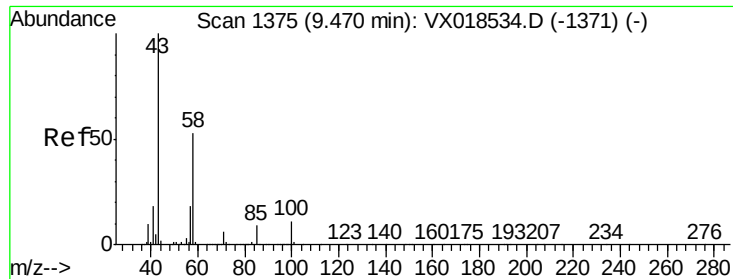
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#47
 Tetrachloroethene
 Concen: 0.248 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		2870		
129	81.1	62.3	115.7		
131	100.0	64.5	119.7		
166	112.5	82.5	153.1		





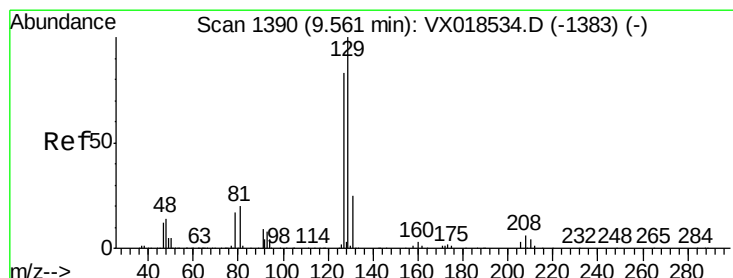
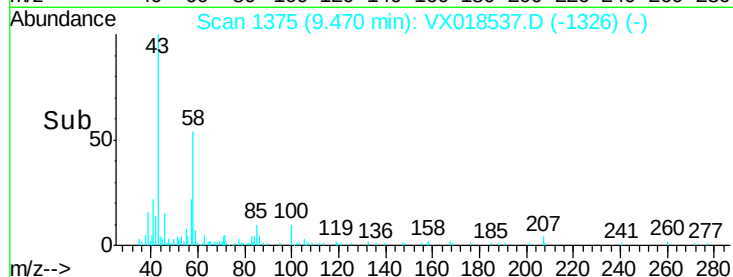
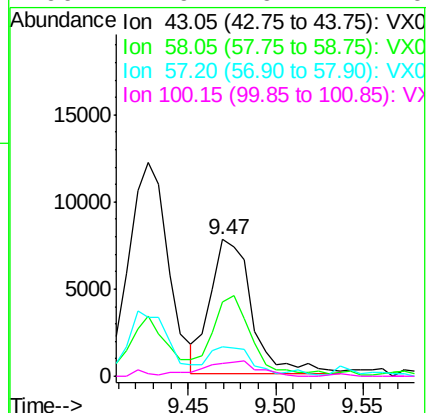
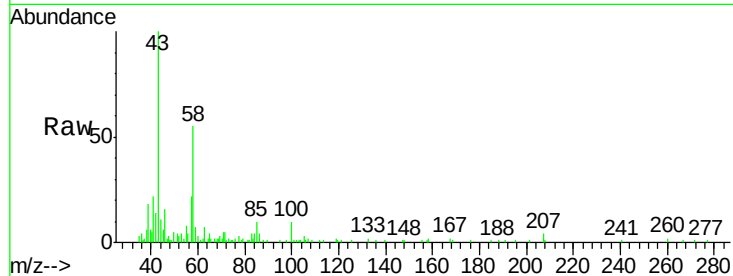
#48
2-Hexanone
Concen: 2.523 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	54.6	41.5	62.3	
57	21.0	15.4	23.0	
100	14.9	9.4	14.0	

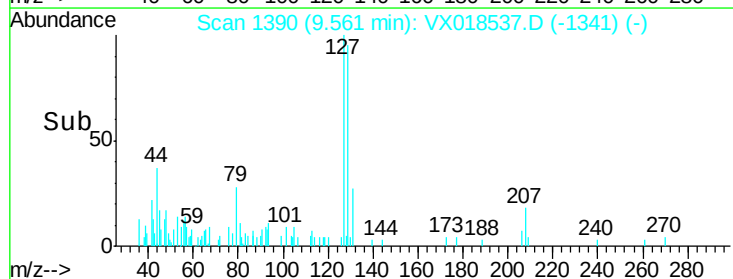
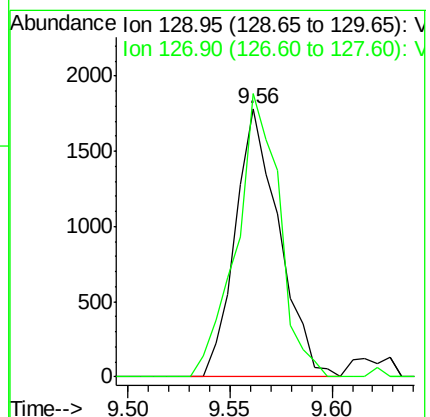
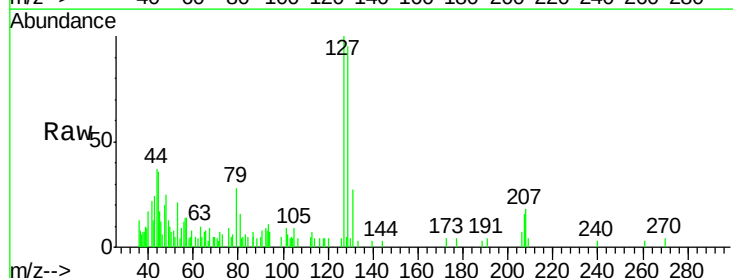
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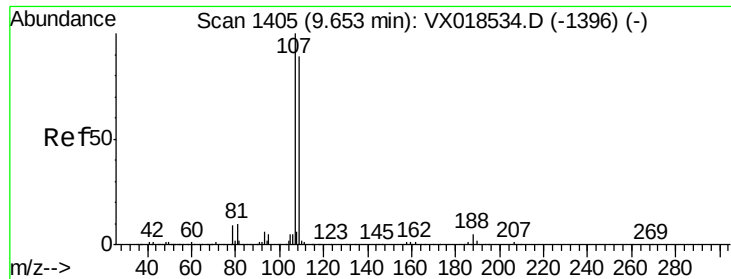
MMDadoda
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#49
Dibromochloromethane
Concen: 0.220 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	105.6	51.6	95.8	





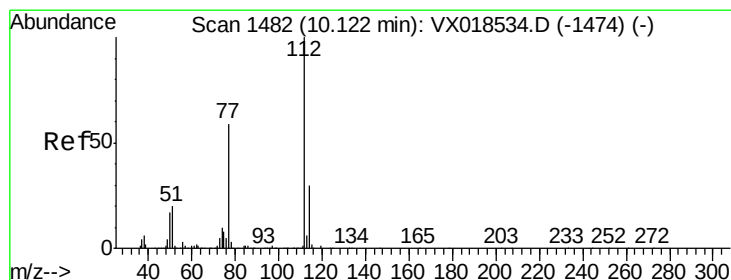
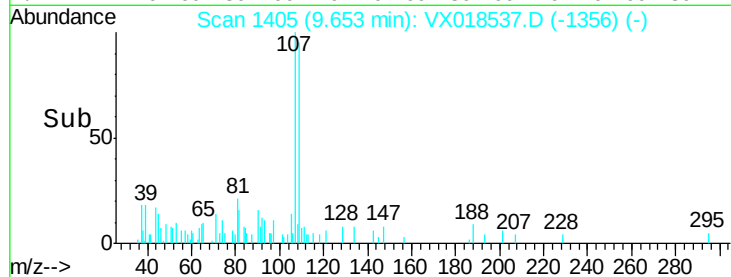
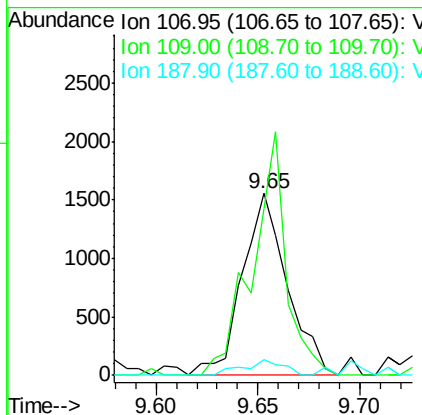
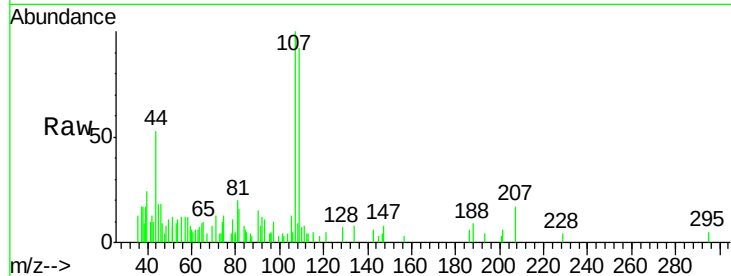
#50
 1,2-Dibromoethane
 Concen: 0.274 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.0	71.2	132.2
188	8.8	1.9	2.9#

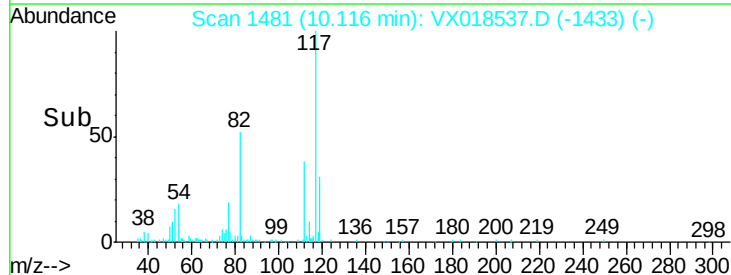
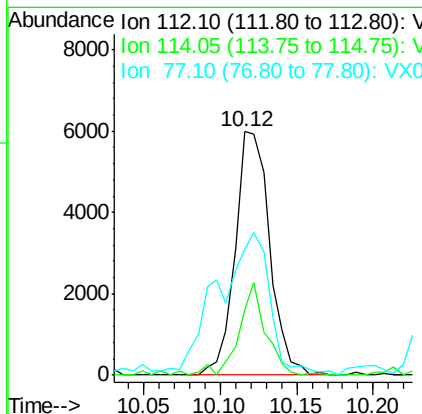
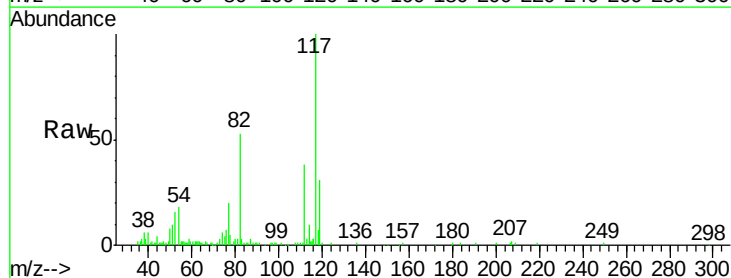
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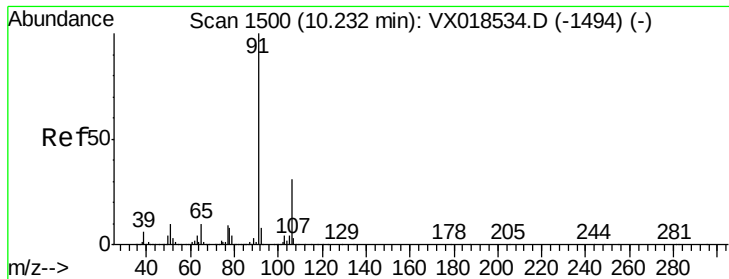
MMDadoda
 9/28/2020 5:14:13 PM



#51
 Chlorobenzene
 Concen: 0.269 ug/L
 RT: 10.12 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
114	27.1	23.1	42.9
77	51.7	44.9	67.3





#52

Ethylbenzene

Concen: 0.234 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 91 Resp: 13272

Ion Ratio Lower Upper

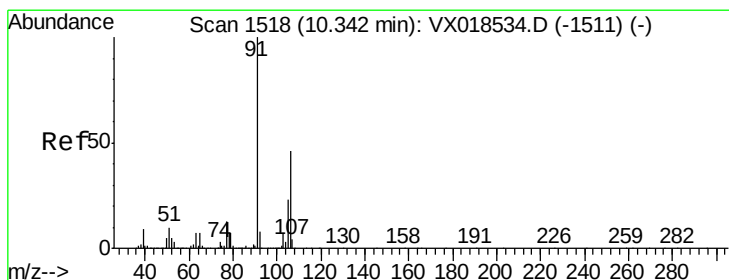
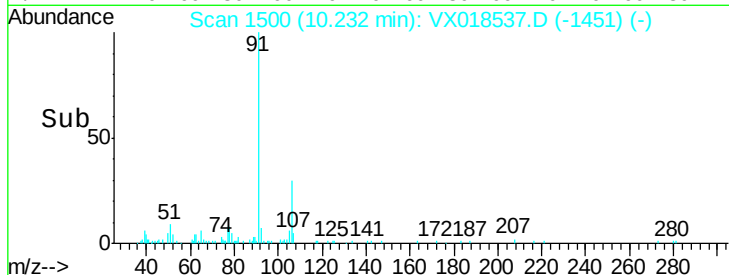
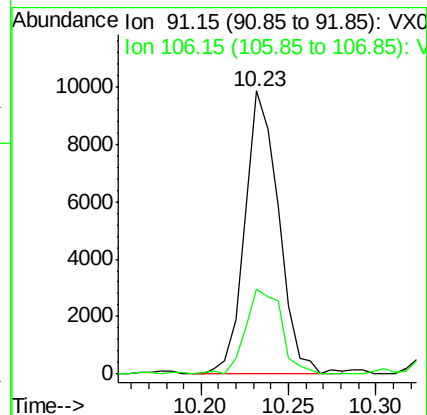
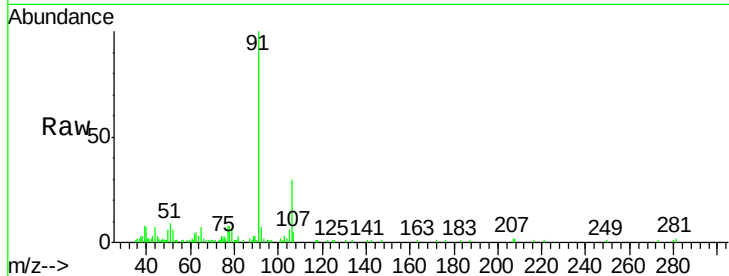
91 100

106 29.9 23.3 43.3

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#53

m,p-xylene

Concen: 0.235 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018537.D

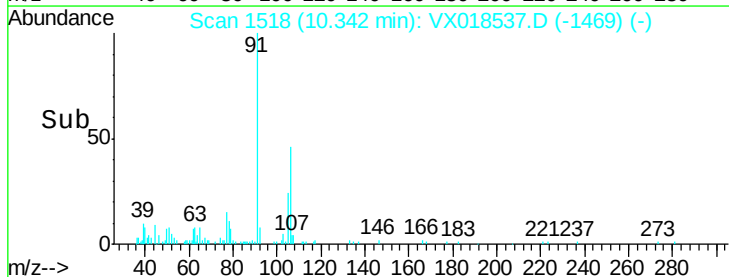
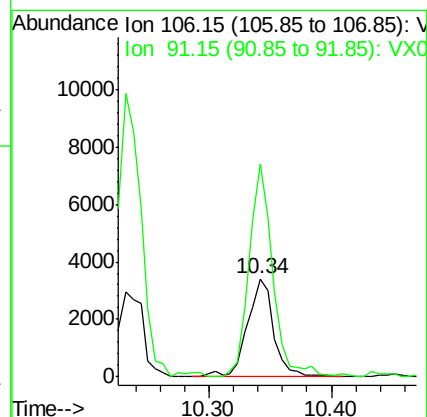
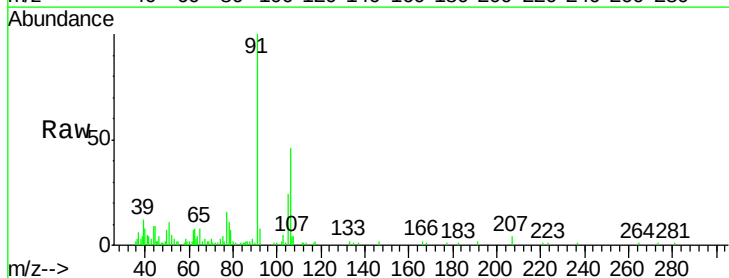
Acq: 23 Sep 2020 14:09

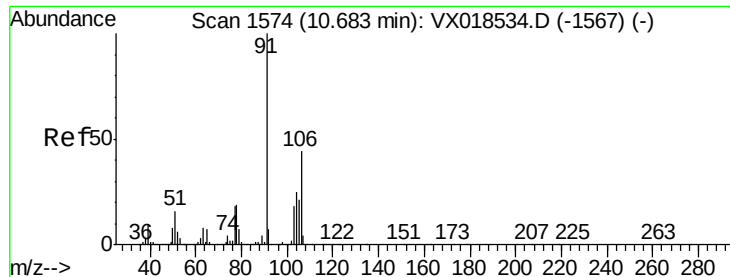
Tgt Ion: 106 Resp: 5090

Ion Ratio Lower Upper

106 100

91 217.3 146.8 272.6





#54

o-xylene

Concen: 0.225 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion:106 Resp: 4537

Ion Ratio Lower Upper

106 100

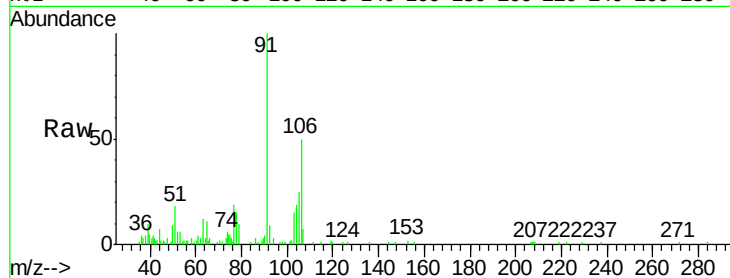
91 198.6 150.9 280.3

Manual Integrations

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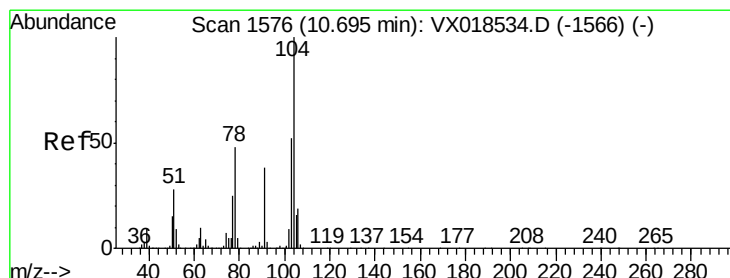
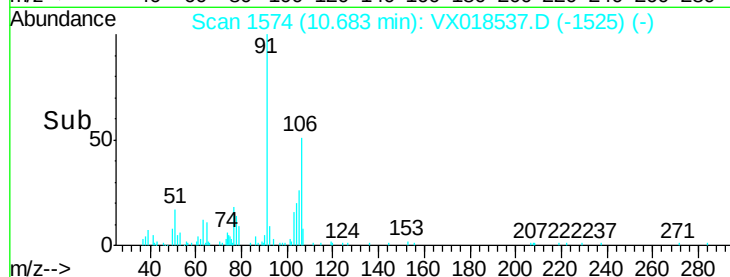
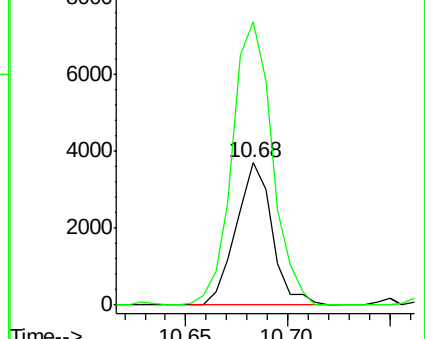
MMDadoda

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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#55

Styrene

Concen: 0.211 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018537.D

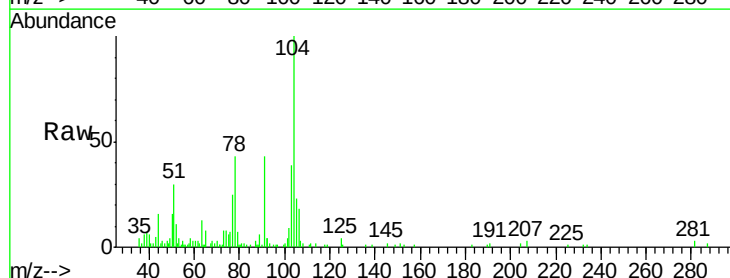
Acq: 23 Sep 2020 14:09

Tgt Ion:104 Resp: 7276

Ion Ratio Lower Upper

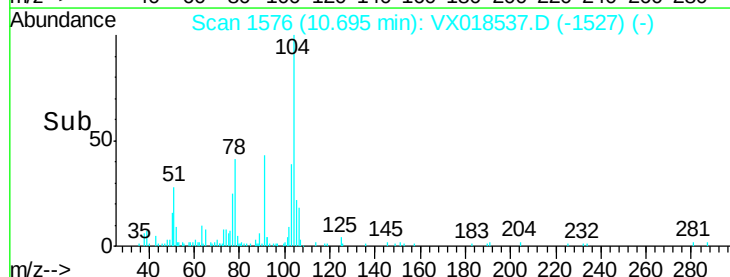
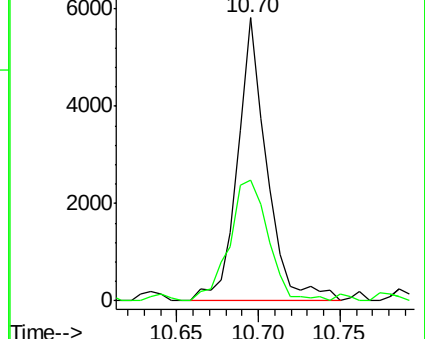
104 100

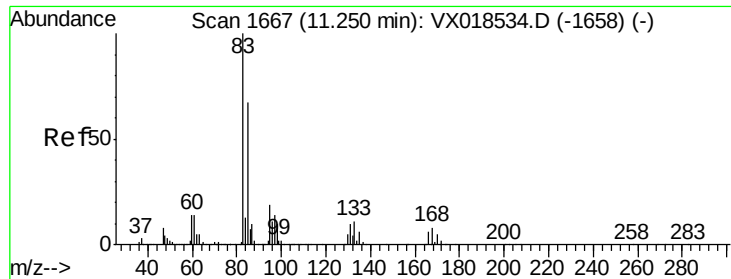
78 42.9 33.0 61.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.277 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

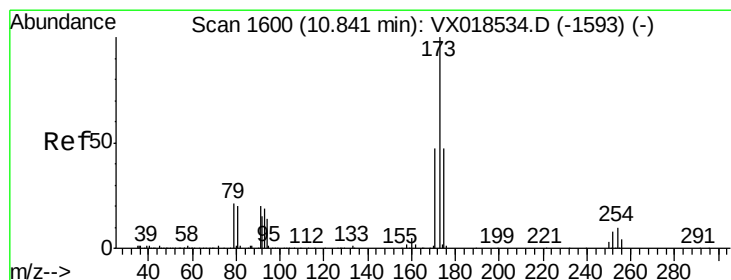
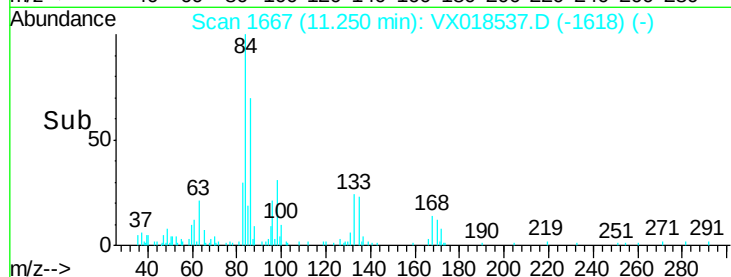
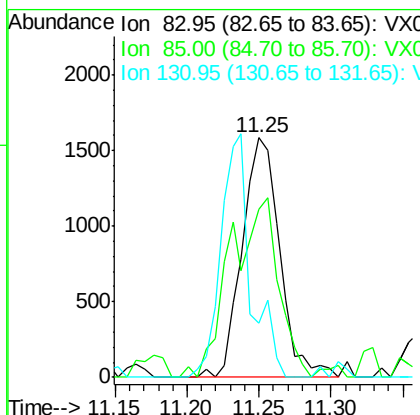
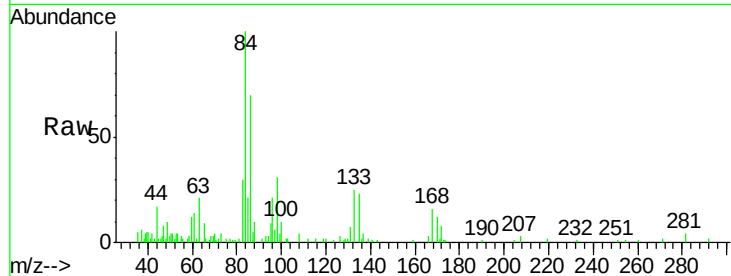
ClientSampleId :

MDL01

Tot Ion:	83	Resp:	2862
Ion Ratio	Lower	Upper	
83	100		
85	69.9	44.4	82.4
131	22.7	7.4	11.0#

Manual Integrations
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#59

Bromoform

Concen: 0.257 ug/L

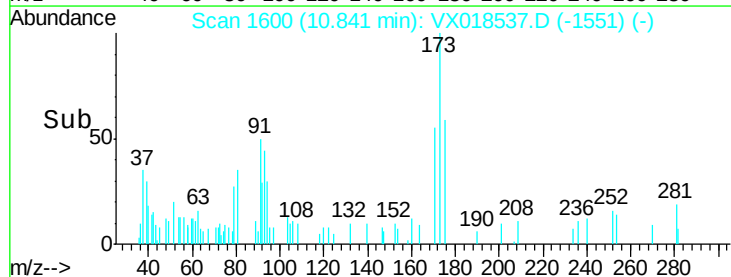
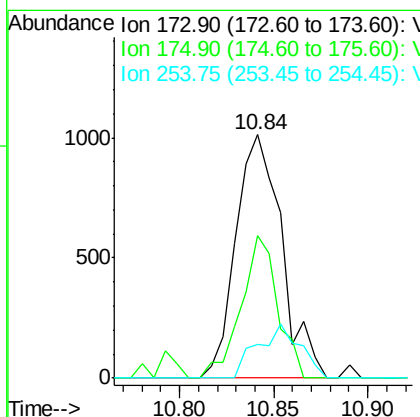
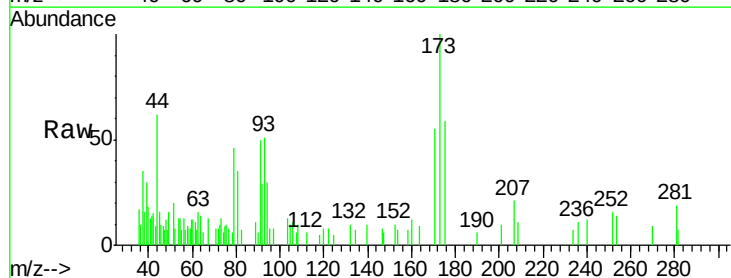
RT: 10.84 min Scan# 1600

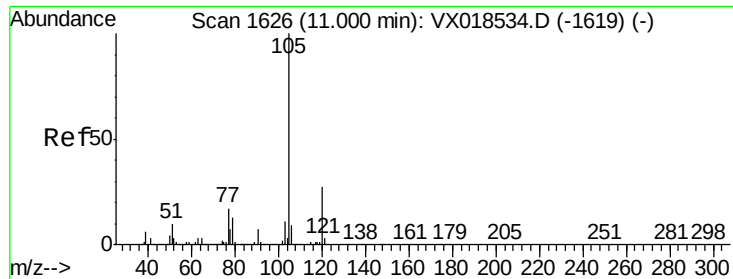
Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Tgt Ion:	173	Resp:	1709
Ion Ratio	Lower	Upper	
173	100		
175	46.8	39.8	59.8
254	20.7	7.5	11.3#





#60

Isopropylbenzene

Concen: 0.216 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

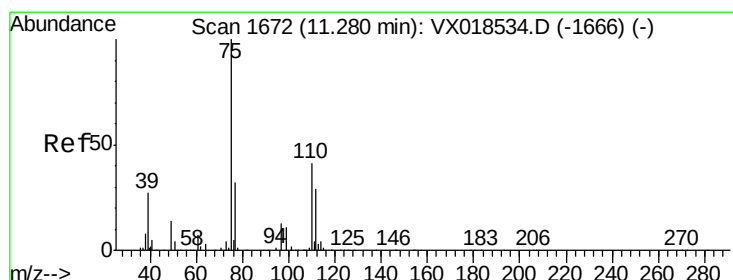
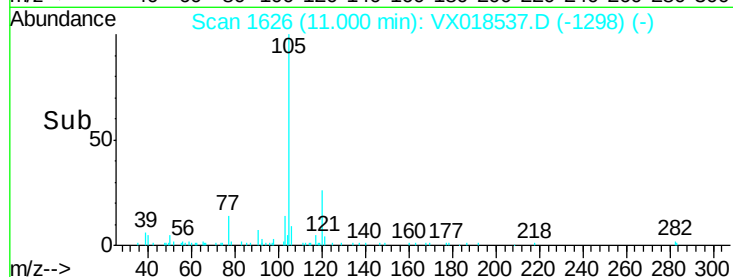
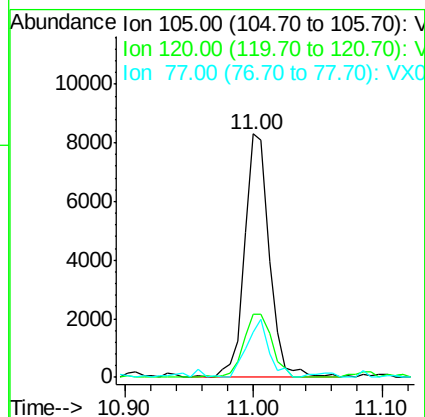
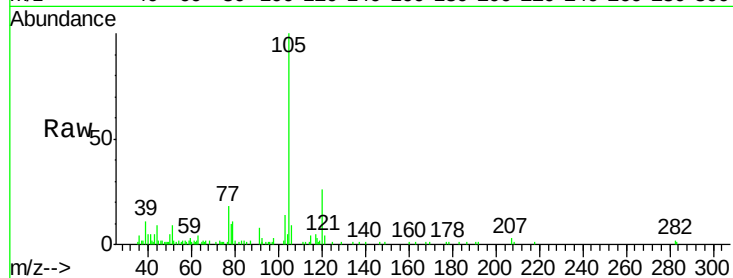
ClientSampled :

MDL01

Tot Ion:	105	Resp:	10966
Ion Ratio	Lower	Upper	
105	100		
120	29.6	21.8	32.8
77	21.0	13.1	19.7#

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#61

1,2,3-Trichloropropane

Concen: 0.233 ug/L

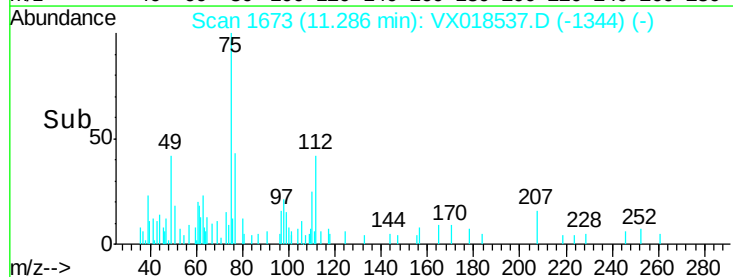
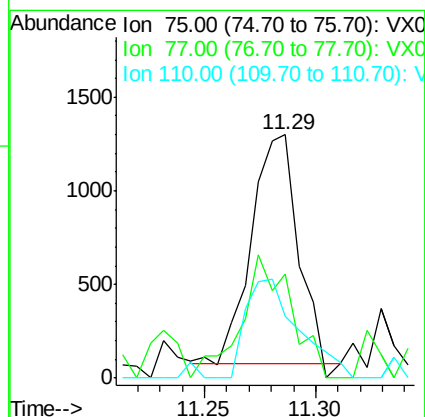
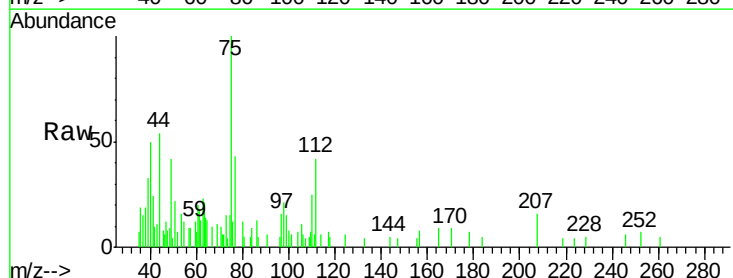
RT: 11.29 min Scan# 1673

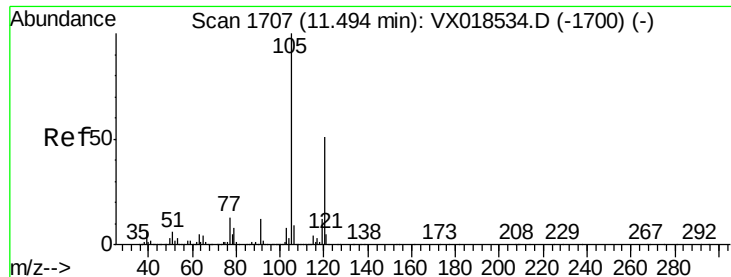
Delta R.T. 0.01 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Tgt Ion:	75	Resp:	1770
Ion Ratio	Lower	Upper	
75	100		
77	58.3	27.1	40.7#
110	49.9	32.4	48.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.203 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018537.D

Acq: 23 Sep 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion:105 Resp: 8337

Ion Ratio Lower Upper

105 100

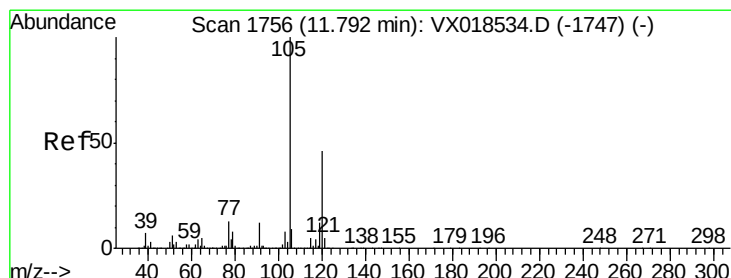
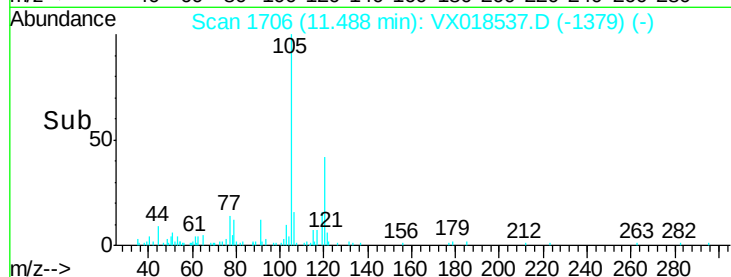
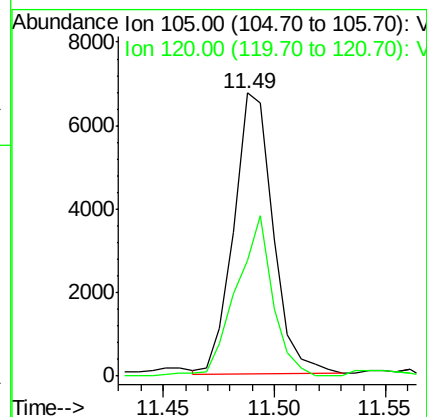
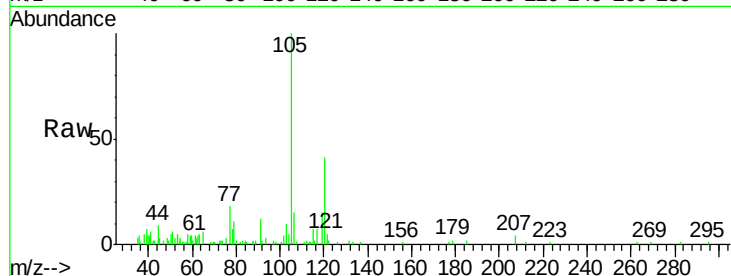
120 52.8 39.3 58.9

Manual Integrations

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#63

1,2,4-Trimethylbenzene

Concen: 0.205 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018537.D

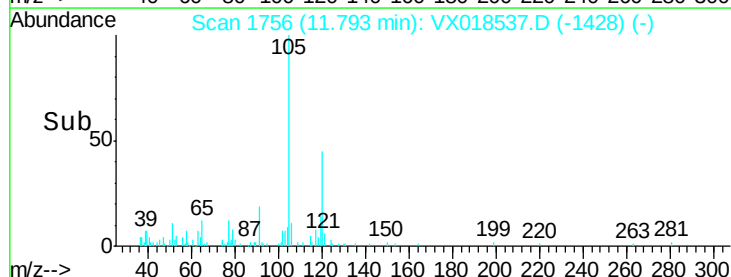
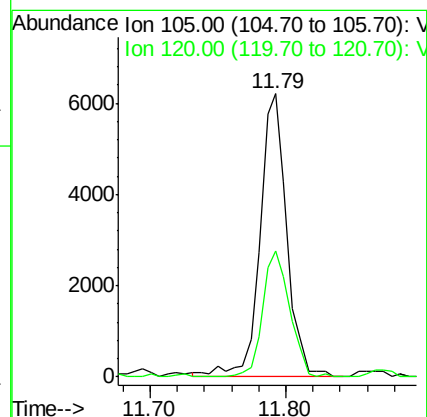
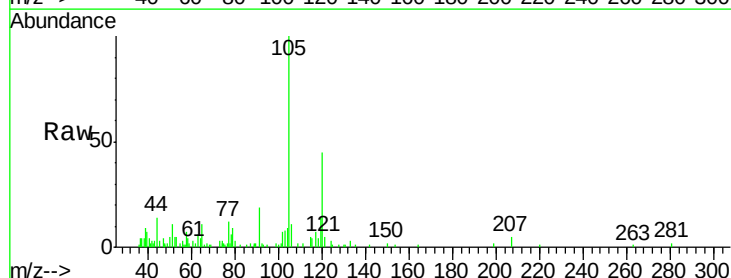
Acq: 23 Sep 2020 14:09

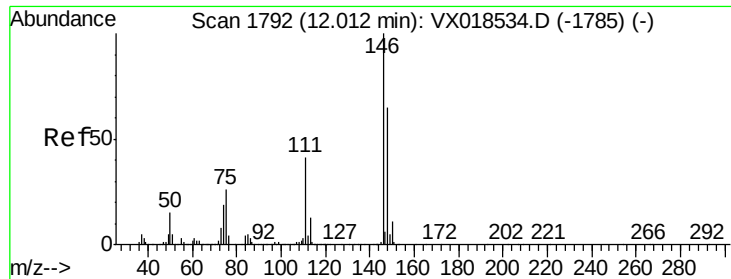
Tgt Ion:105 Resp: 8575

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.2





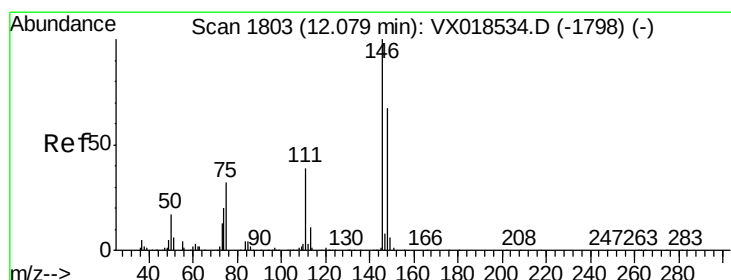
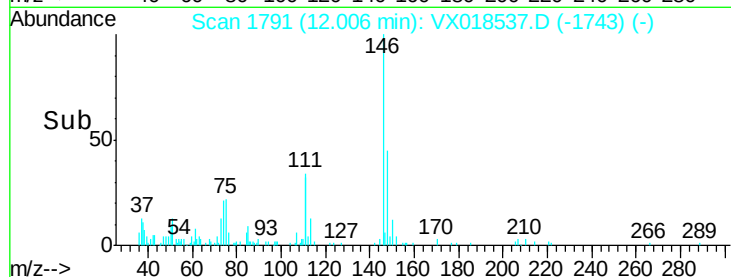
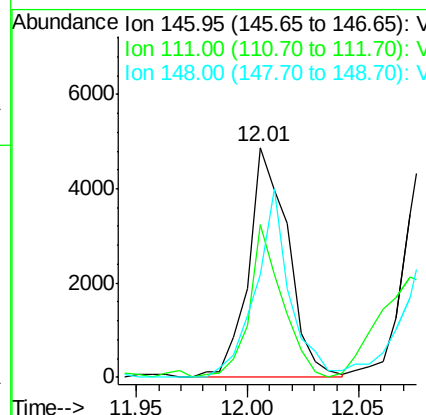
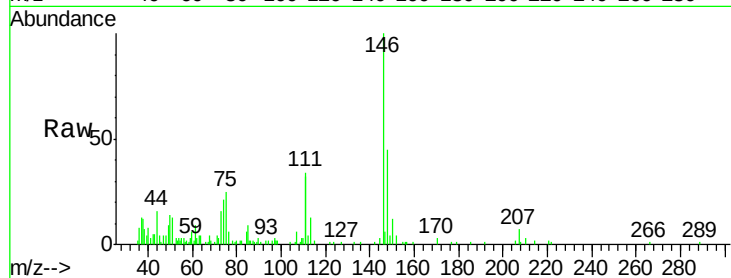
#64
 1,3-Dichlorobenzene
 Concen: 0.234 ug/L
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	66.3	25.7	47.7#
148	44.7	44.9	83.3#

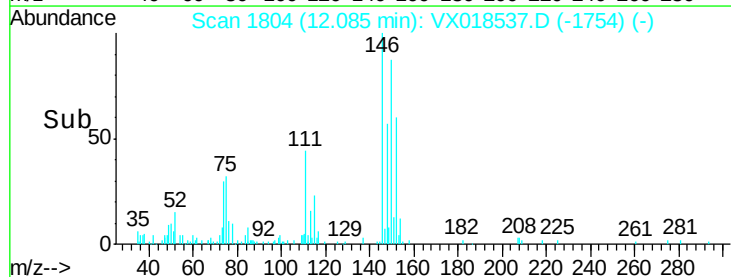
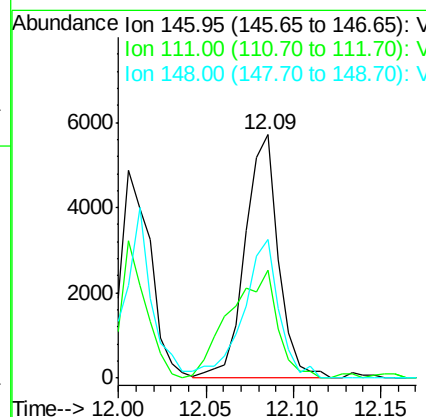
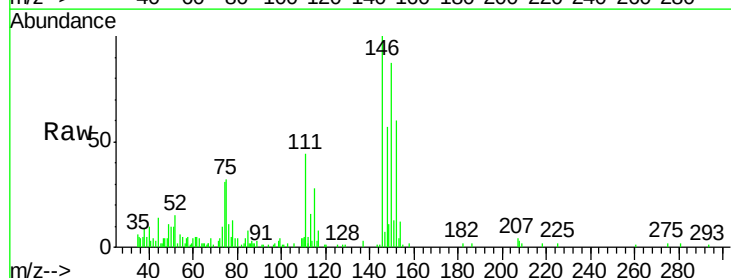
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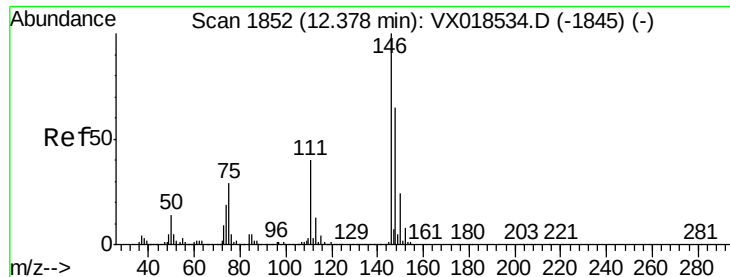
MMDadoda
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#65
 1,4-Dichlorobenzene
 Concen: 0.288 ug/L
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	27.9	51.9
148	57.1	45.0	83.6





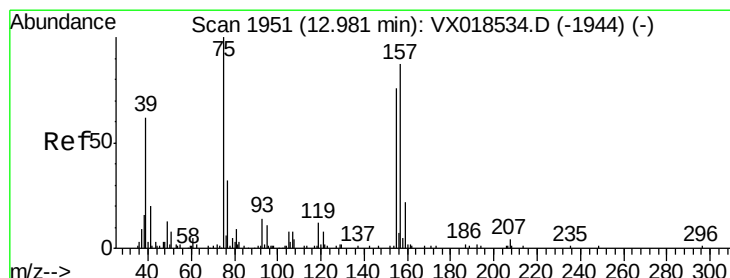
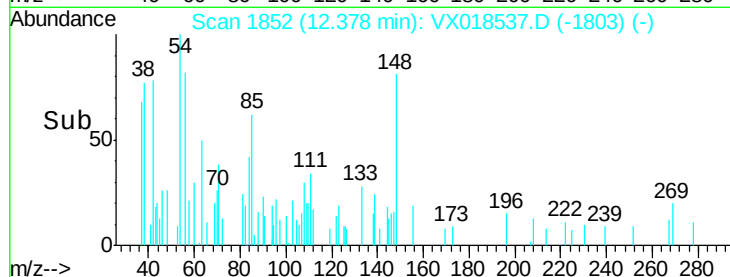
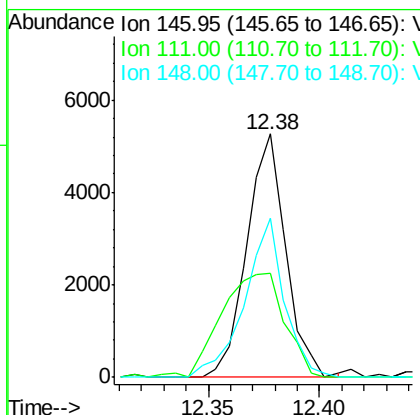
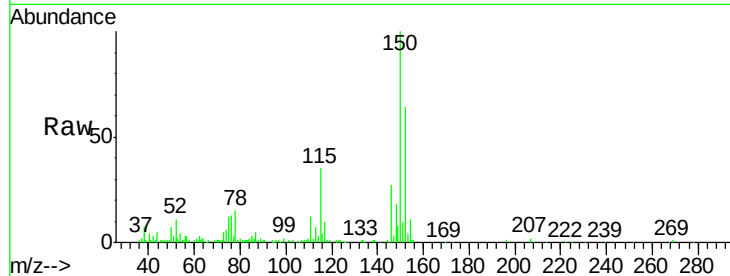
#67
 1,2-Dichlorobenzene
 Concen: 0.267 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	30.6	45.8
148	65.3	53.5	80.3

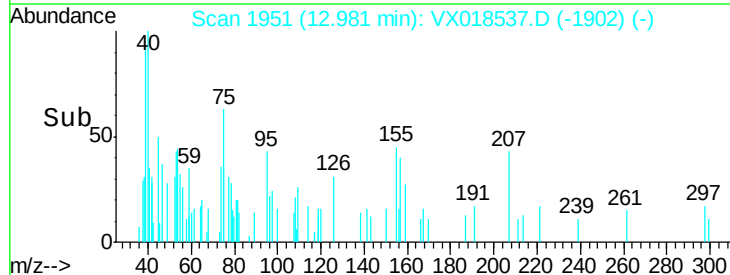
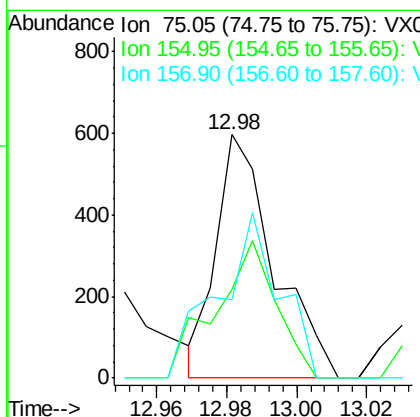
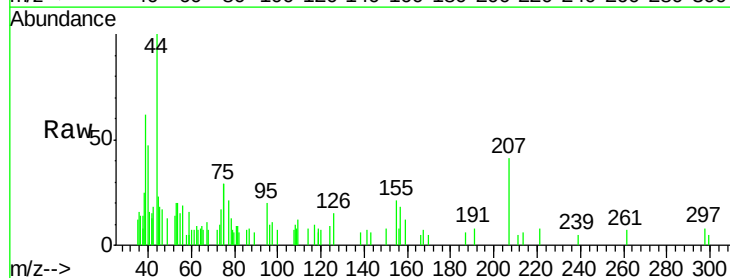
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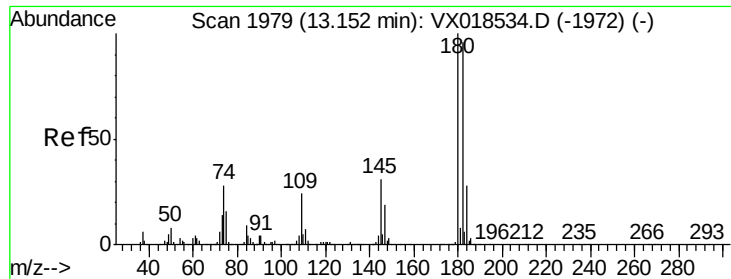
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#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.329 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	36.5	71.1	106.7#
157	32.0	83.5	125.3#





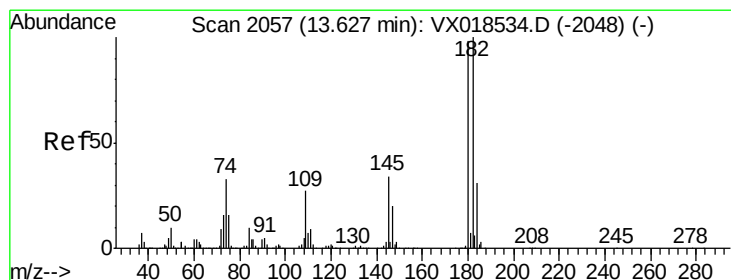
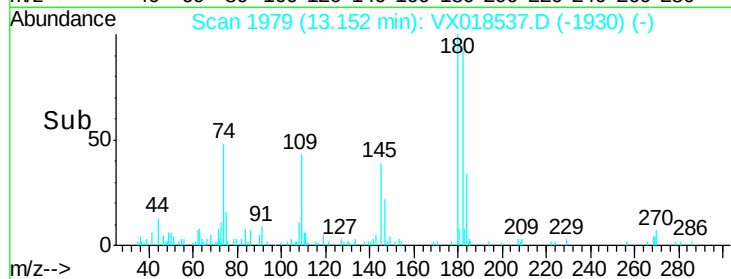
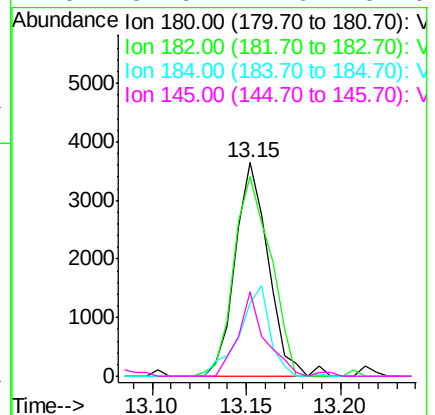
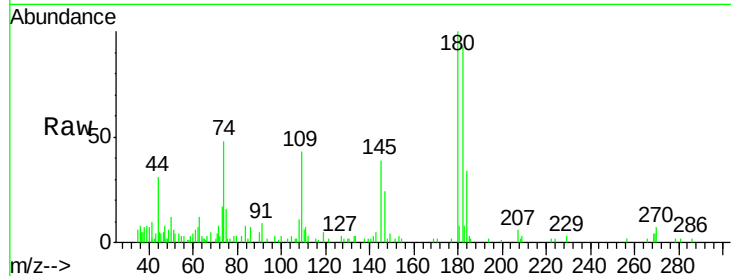
#69
 1,3,5-Trichlorobenzene
 Concen: 0.235 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.3	74.3	111.5
184	38.8	24.6	37.0
145	32.5	24.6	37.0

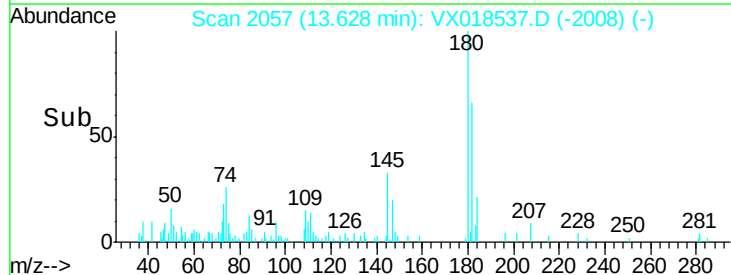
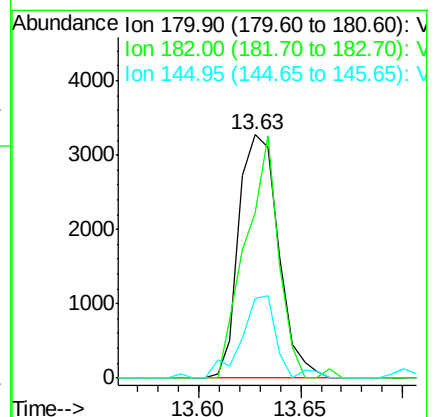
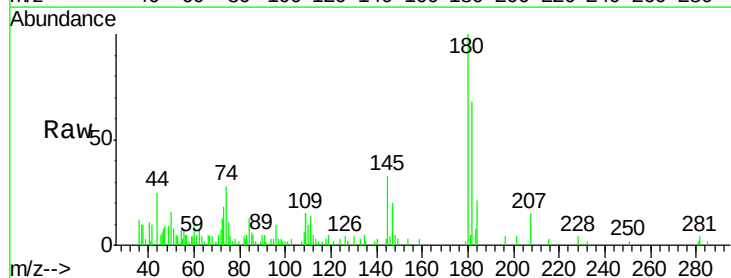
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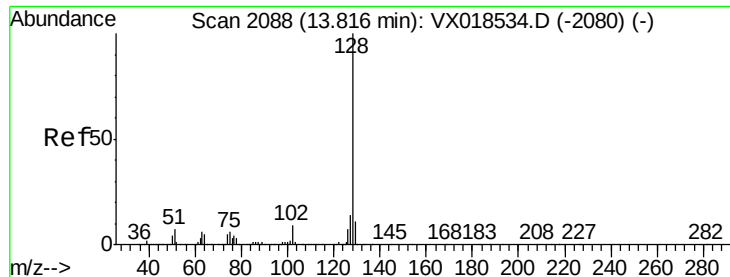
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#70
 1,2,4-trichlorobenzene
 Concen: 0.280 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018537.D
 Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	82.3	74.7	112.1
145	30.8	26.6	39.8





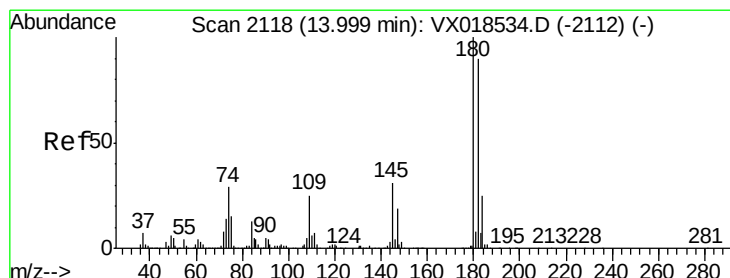
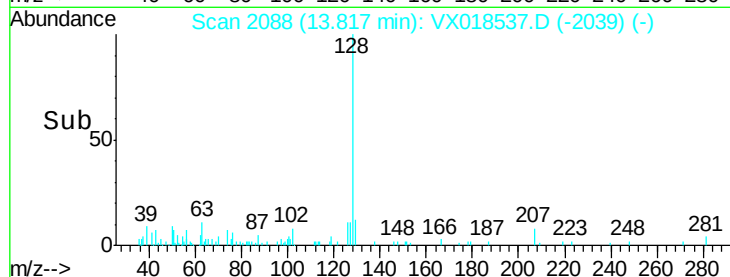
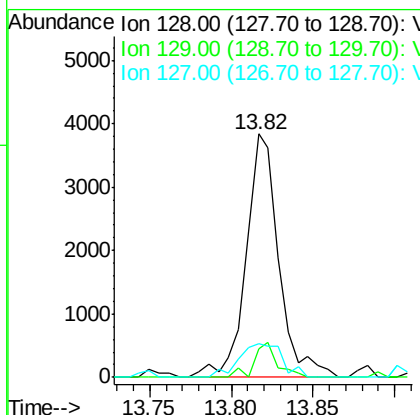
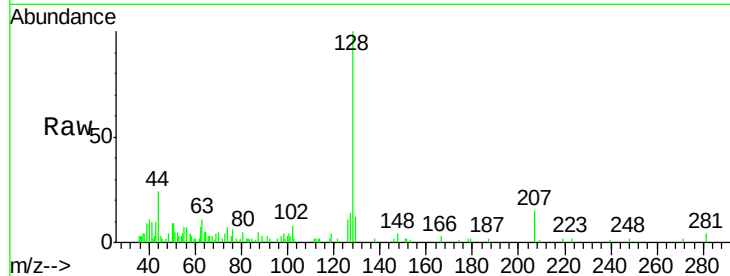
#71
Naphthalene
Concen: 0.204 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.3	8.9	13.3	
127	18.4	10.1	15.1	

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 0.240 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018537.D
Acq: 23 Sep 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	89.6	76.9	115.3	
145	34.8	27.6	41.4	

