

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092220\
 Data File : VX018538.D
 Acq On : 23 Sep 2020 14:33
 Operator : JC/SP
 Sample : MDL02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:14:18 PM

Quant Time: Sep 24 01:15:18 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	264189	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	257515	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	115767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73087	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.70	69	58233	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.34	63	131627	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.56	46	187507	55.44	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.88%
24) Chloroform-d	5.14	84	160471	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	6.03	65	88823	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	6.05	84	304215	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	7.37	67	90387	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	8.70	98	272683	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.99	79	36525	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	9.43	63	143076	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	67613	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	12.36	152	99832	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	4182	0.271 ug/L	90
3) Chloromethane	1.31	50	4142	0.315 ug/L	96
5) Vinyl chloride	1.39	62	3592m	0.264 ug/L	
6) Bromomethane	1.64	94	3305	0.401 ug/L	95
8) Chloroethane	1.72	64	2420m	0.317 ug/L	
9) Trichlorofluoromethane	1.92	101	6322	0.280 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	4744	0.368 ug/L	86
12) 1,1-Dichloroethene	2.35	96	4247	0.355 ug/L #	1
13) Acetone	2.46	43	4971m	2.627 ug/L	
14) Carbon disulfide	2.55	76	10624	0.279 ug/L	97
15) Methyl Acetate	2.76	43	1815	0.384 ug/L #	65
16) Methylene chloride	2.84	84	8656	0.537 ug/L	72
17) Methyl tert-butyl Ether	3.16	73	7369	0.273 ug/L #	82
18) trans-1,2-Dichloroethene	3.14	96	3251	0.262 ug/L #	63
19) 1,1-Dichloroethane	3.67	63	5595	0.253 ug/L #	94
21) 2-Butanone	4.67	43	7295	2.623 ug/L	97
22) cis-1,2-Dichloroethene	4.57	96	4003	0.313 ug/L	86

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Manual Integrations
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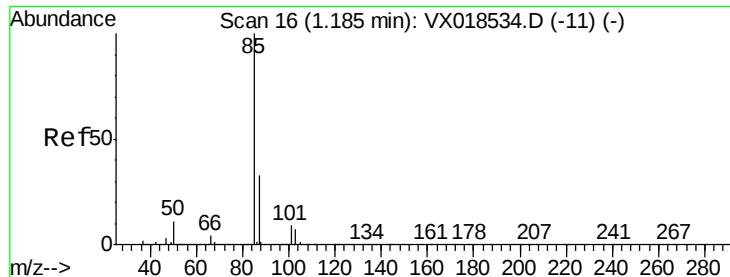
MMDadoda
 9/28/2020 5:14:18 PM

Quant Time: Sep 24 01:15:18 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	5.01	128	1995m	0.317	ug/L	
25) Chloroform	5.18	83	8601m	0.356	ug/L	
27) 1,2-Dichloroethane	6.17	62	5352m	0.348	ug/L	
29) 1,1,1-Trichloroethane	5.46	97	6194	0.267	ug/L #	90
30) Cyclohexane	5.56	56	5496	0.288	ug/L	94
31) Carbon tetrachloride	5.76	117	5091	0.246	ug/L	93
33) Benzene	6.11	78	11924	0.252	ug/L	100
34) Trichloroethene	7.18	95	4470	0.334	ug/L #	55
35) Methylcyclohexane	7.45	83	5627	0.298	ug/L	98
37) 1,2-Dichloropropane	7.49	63	3716	0.305	ug/L #	94
38) Bromodichloromethane	7.87	83	4171	0.246	ug/L #	54
39) cis-1,3-Dichloropropene	8.42	75	4294m	0.240	ug/L	
40) 4-Methyl-2-pentanone	8.62	43	17955	2.655	ug/L #	86
42) Toluene	8.77	91	13469	0.266	ug/L	83
44) trans-1,3-Dichloropropene	9.02	75	3901	0.241	ug/L	97
45) 1,1,2-Trichloroethane	9.19	97	2311	0.264	ug/L #	82
47) Tetrachloroethene	9.32	164	3173	0.285	ug/L #	80
48) 2-Hexanone	9.48	43	15610	3.158	ug/L	96
49) Dibromochloromethane	9.57	129	3264	0.282	ug/L	83
50) 1,2-Dibromoethane	9.65	107	2291	0.275	ug/L #	99
51) Chlorobenzene	10.12	112	9256	0.276	ug/L #	86
52) Ethylbenzene	10.24	91	12557	0.230	ug/L	93
53) m,p-xylene	10.34	106	4578	0.219	ug/L	79
54) o-xylene	10.68	106	4157	0.214	ug/L	100
55) Styrene	10.70	104	6797m	0.205	ug/L	
57) 1,1,2,2-Tetrachloroethane	11.25	83	3305	0.332	ug/L #	89
59) Bromoform	10.85	173	1682	0.271	ug/L #	84
60) Isopropylbenzene	11.00	105	12331	0.261	ug/L	98
61) 1,2,3-Trichloropropane	11.28	75	2293	0.325	ug/L #	73
62) 1,3,5-Trimethylbenzene	11.49	105	9356	0.244	ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	8277	0.213	ug/L	97
64) 1,3-Dichlorobenzene	12.01	146	6434	0.267	ug/L	91
65) 1,4-Dichlorobenzene	12.08	146	6826	0.278	ug/L	95
67) 1,2-Dichlorobenzene	12.37	146	6082	0.270	ug/L #	82
68) 1,2-Dibromo-3-chloropropan	12.98	75	757	0.390	ug/L #	56
69) 1,3,5-Trichlorobenzene	13.16	180	5120	0.289	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	3820	0.260	ug/L	95
71) Naphthalene	13.82	128	5466	0.224	ug/L #	87
72) 1,2,3-Trichlorobenzene	14.00	180	3636	0.273	ug/L #	81

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



#2

Dichlorodifluoromethane

Concen: 0.271 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tot Ion: 85 Resp: 4182

Ion Ratio Lower Upper

85 100

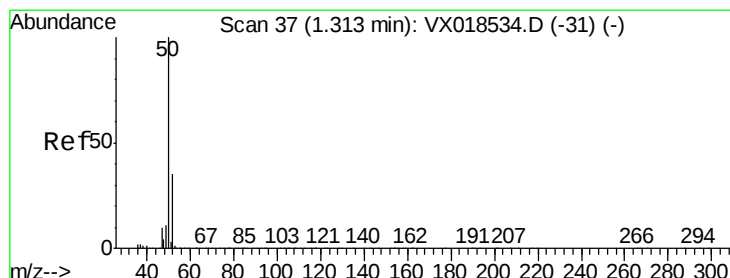
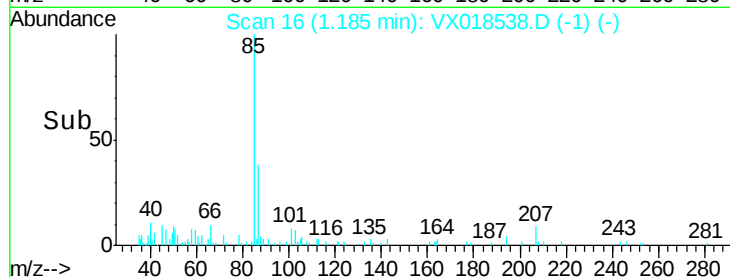
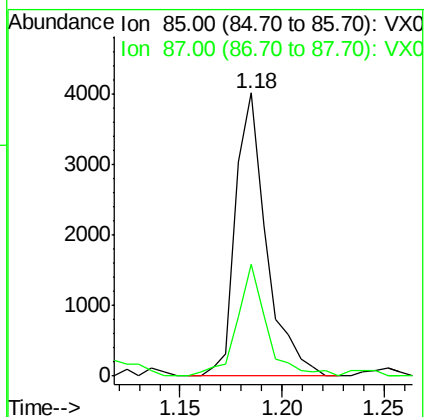
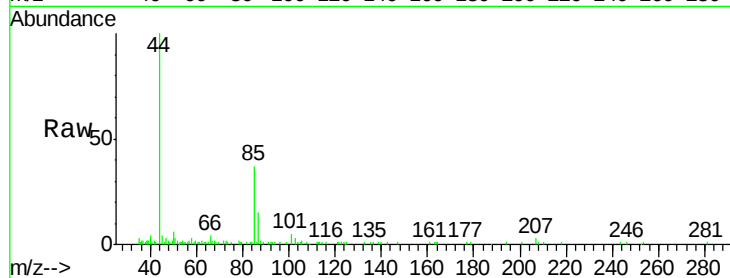
87 37.7 25.8 38.8

Manual Integrations

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#3

Chloromethane

Concen: 0.315 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018538.D

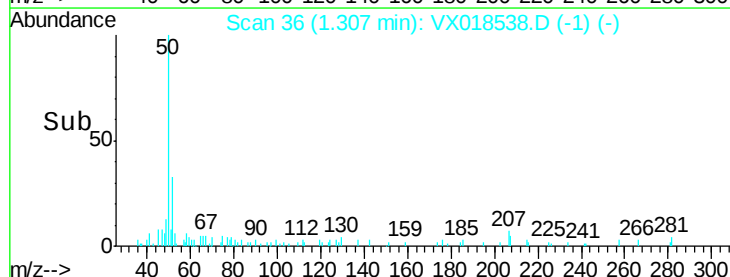
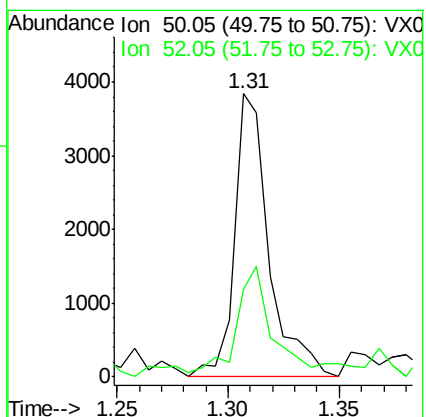
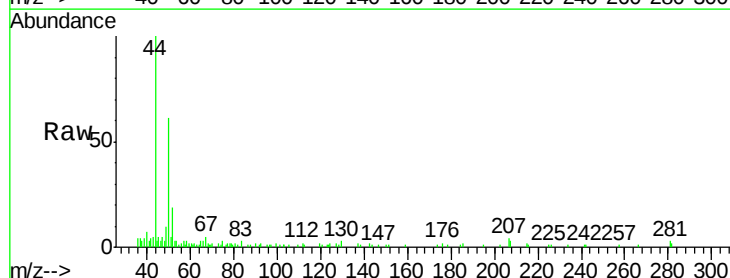
Acq: 23 Sep 2020 14:33

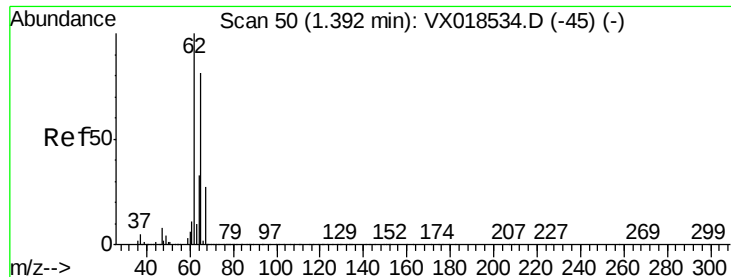
Tgt Ion: 50 Resp: 4142

Ion Ratio Lower Upper

50 100

52 30.8 23.1 42.9





#5

Vinyl chloride

Concen: 0.264 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tot Ion: 62 Resp: 3592

Ion Ratio Lower Upper

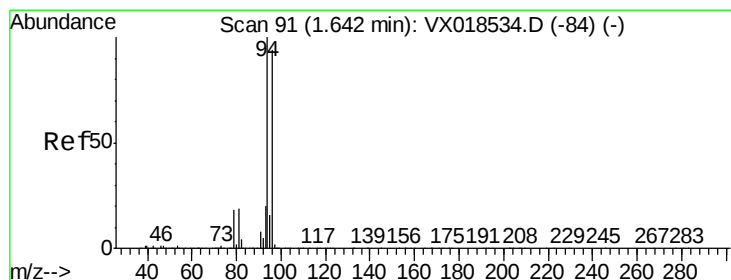
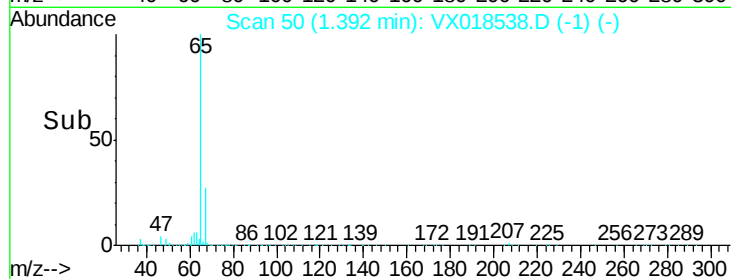
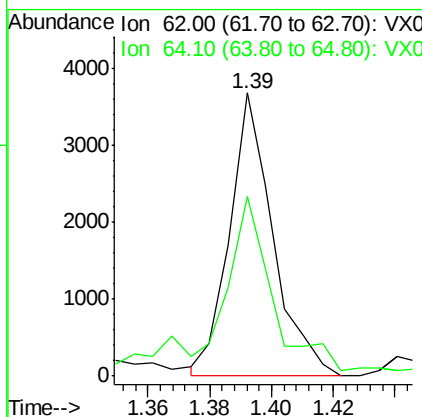
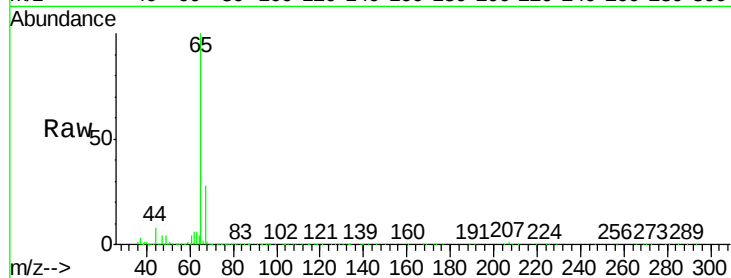
62 100

64 63.4 24.8 46.0#

Manual Integrations
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#6

Bromomethane

Concen: 0.401 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018538.D

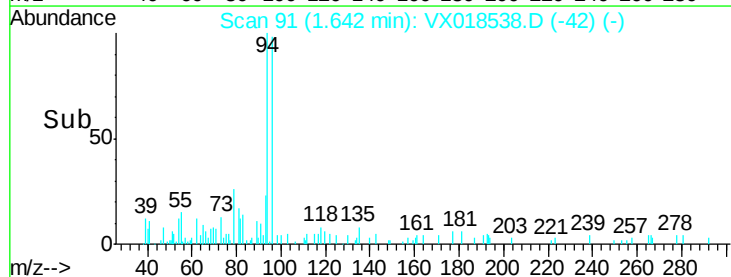
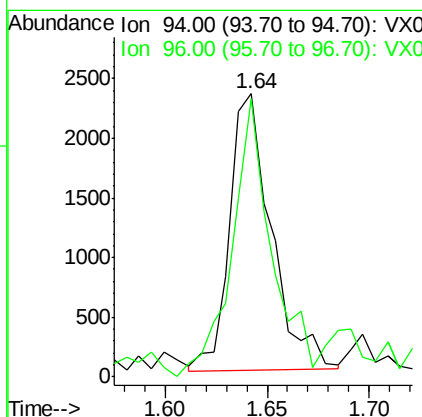
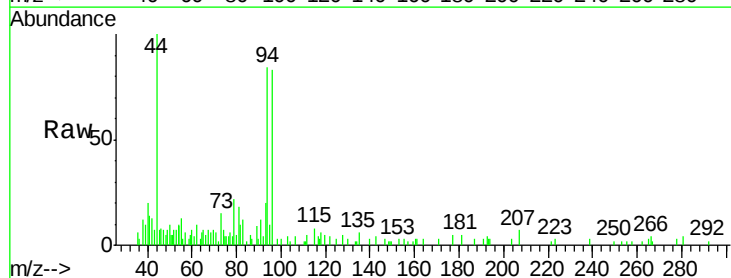
Acq: 23 Sep 2020 14:33

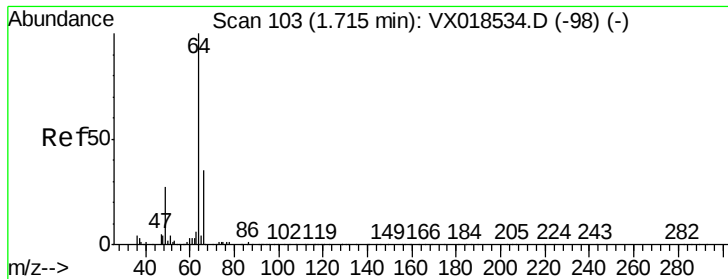
Tgt Ion: 94 Resp: 3305

Ion Ratio Lower Upper

94 100

96 98.4 65.2 121.2





#8

Chloroethane

Concen: 0.317 ug/L m

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tot Ion: 64 Resp: 2420

Ion Ratio Lower Upper

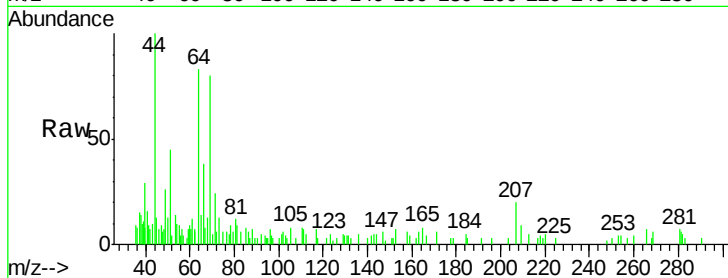
64 100

66 45.6 23.4 43.4#

Manual Integrations
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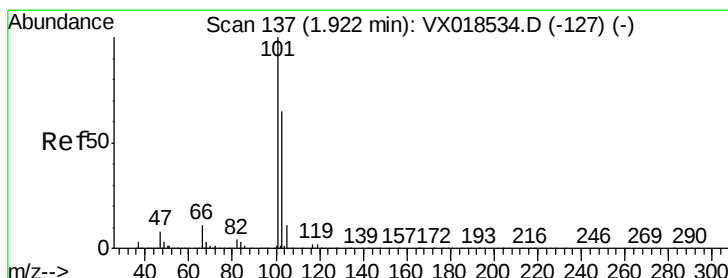
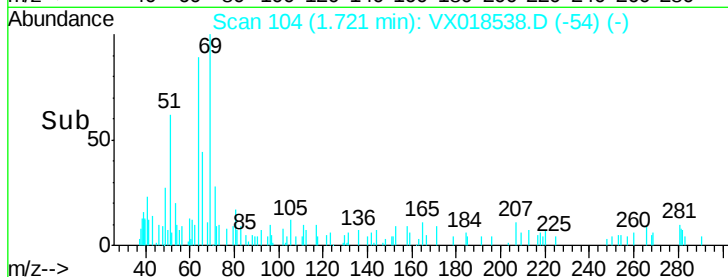
Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

1.72

1.75

Time-->



#9

Trichlorofluoromethane

Concen: 0.280 ug/L

RT: 1.92 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX018538.D

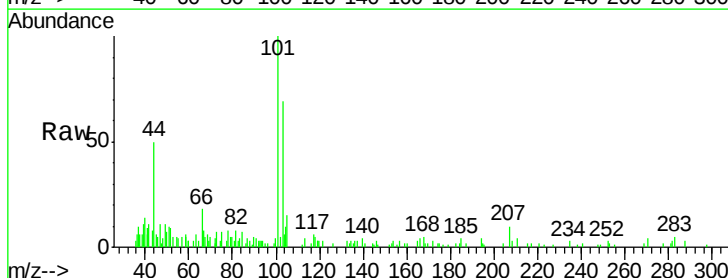
Acq: 23 Sep 2020 14:33

Tgt Ion: 101 Resp: 6322

Ion Ratio Lower Upper

101 100

103 65.4 50.2 75.2



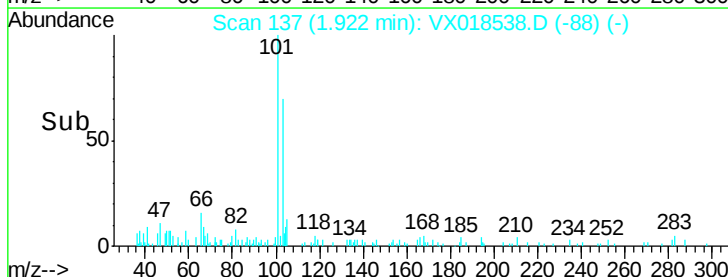
Abundance Ion 101.00 (100.70 to 101.70): V

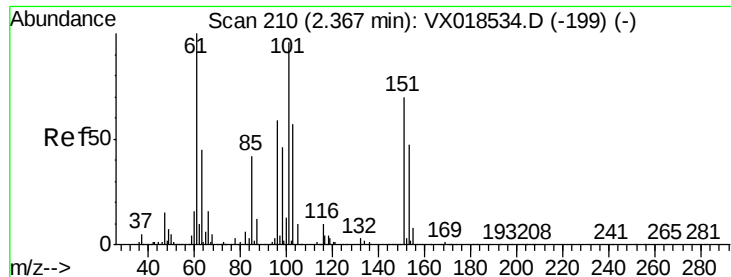
Ion 103.00 (102.70 to 103.70): V

1.92

1.95

Time-->





#10

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

Concen: 0.368 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

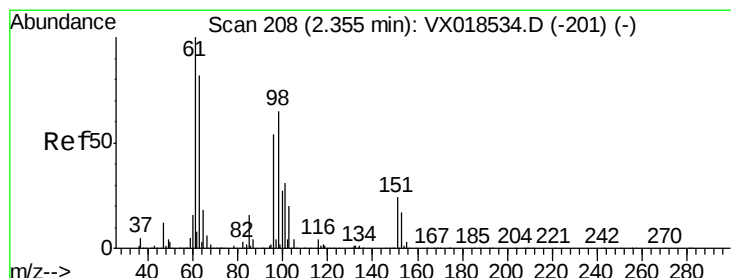
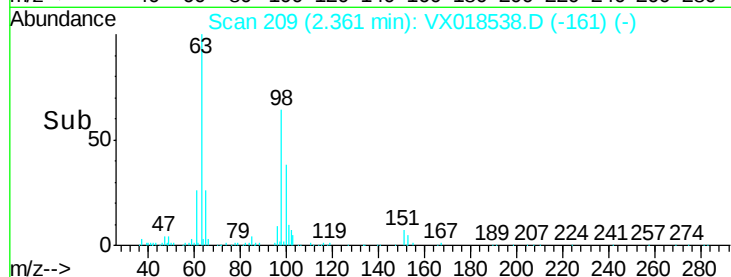
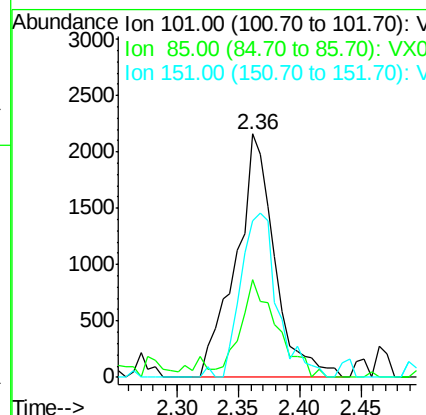
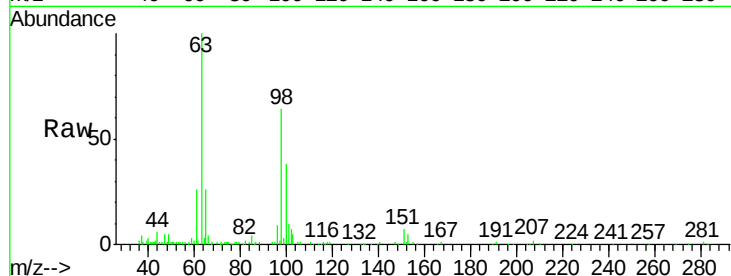
ClientSampled :

MDL02

Tot Ion:	101	Resp:	4744
Ion Ratio	Lower	Upper	
101	100		
85	37.9	35.9	53.9
151	63.9	62.4	93.6

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 0.355 ug/L

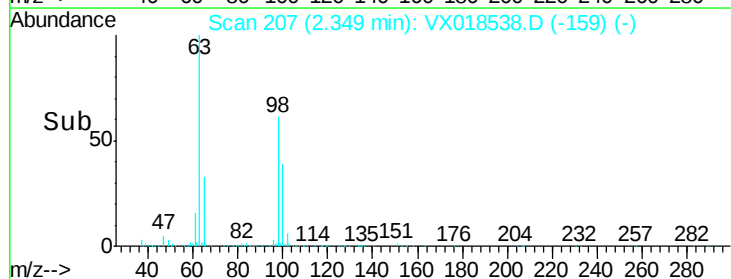
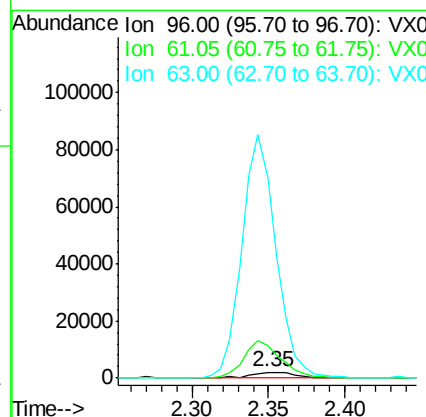
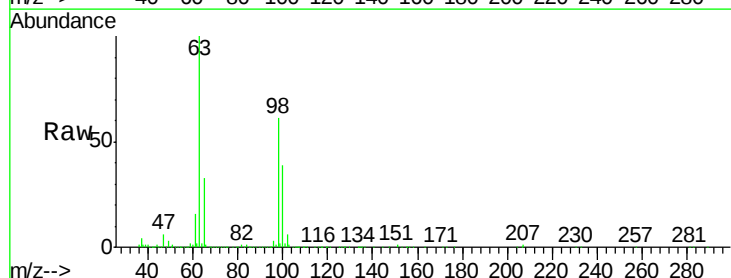
RT: 2.35 min Scan# 207

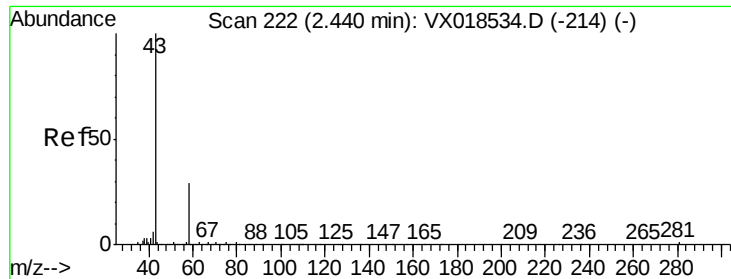
Delta R.T. -0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Tgt Ion:	96	Resp:	4247
Ion Ratio	Lower	Upper	
96	100		
61	545.9	128.9	239.3#
63	3428.7	105.6	196.2#





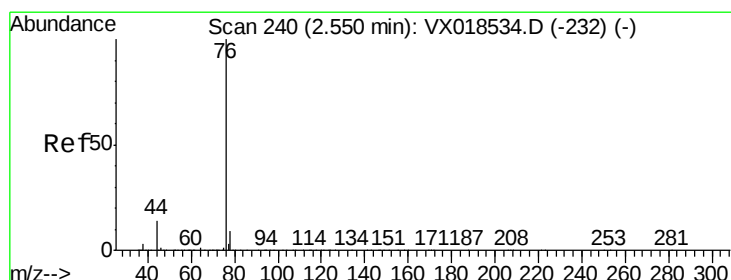
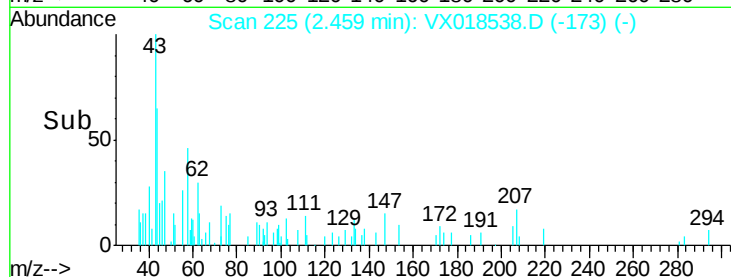
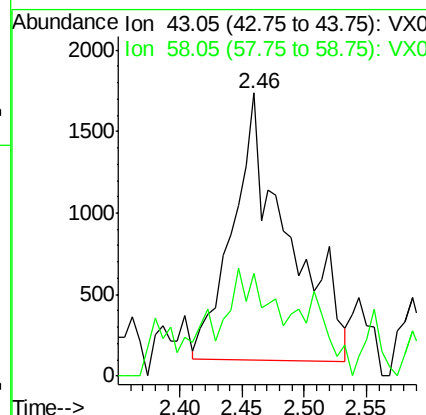
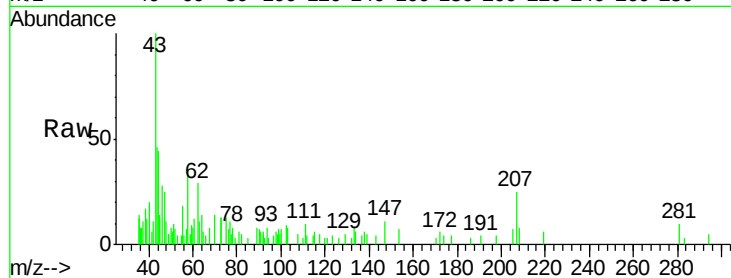
#13
Acetone
Concen: 2.627 ug/L m
RT: 2.46 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Instrument :
MSVOA_X
ClientSampled :
MDL02

Tot Ion	Ratio	Lower	Upper
43	100		
58	22.9	0.0	58.0

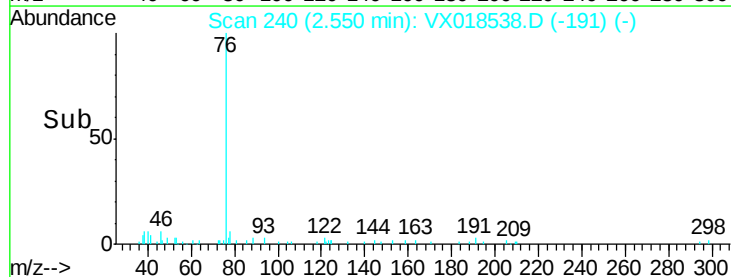
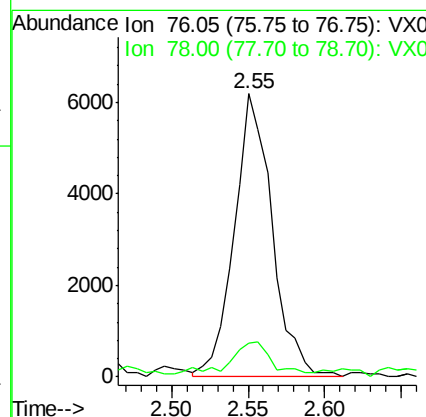
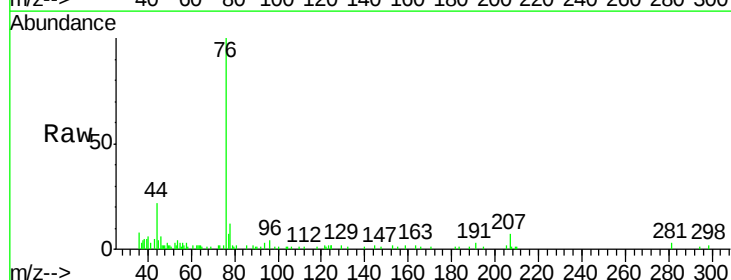
Manual Integrations
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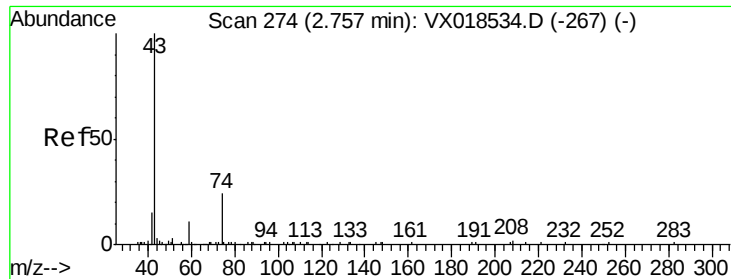
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#14
Carbon disulfide
Concen: 0.279 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Lower	Upper
76	100		
78	11.9	8.5	12.7





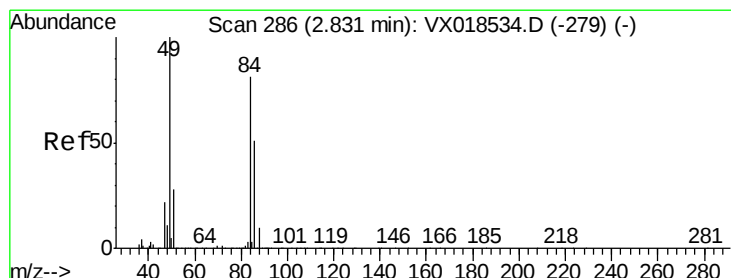
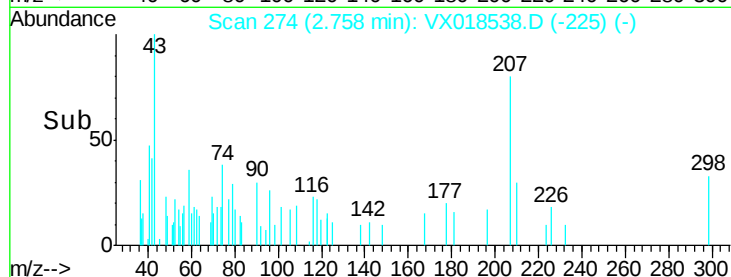
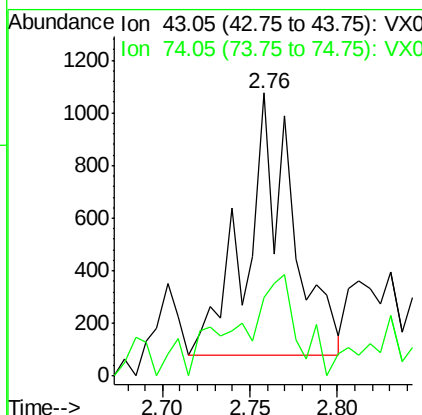
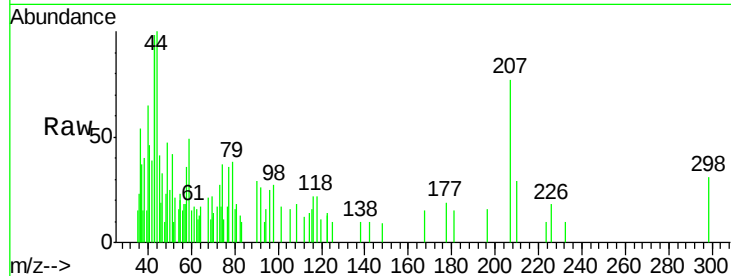
#15
Methyl Acetate
Concen: 0.384 ug/L
RT: 2.76 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Instrument :
MSVOA_X
ClientSampled :
MDL02

Tot Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
74 35.6 15.8 23.6#

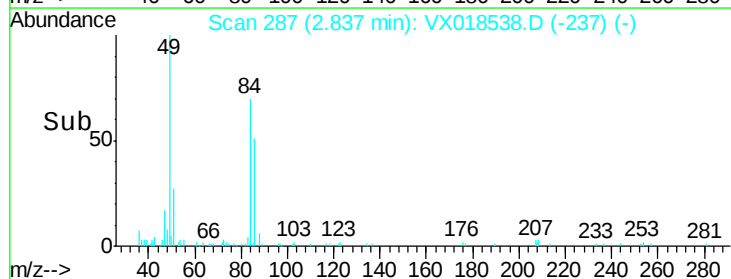
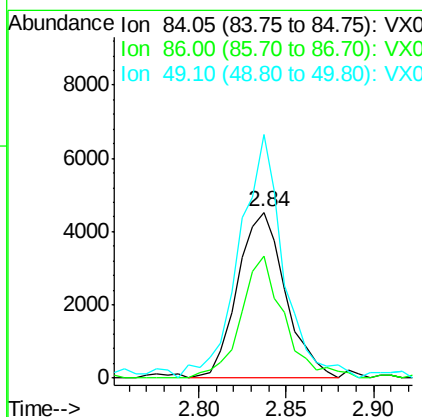
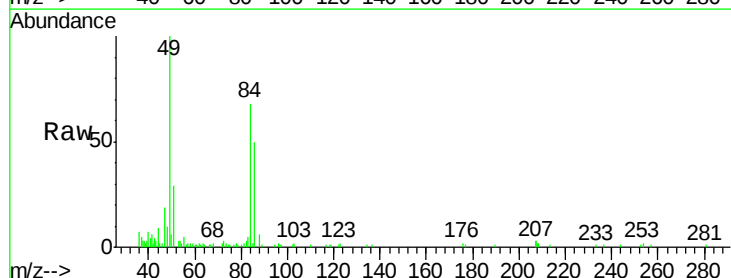
Manual Integrations
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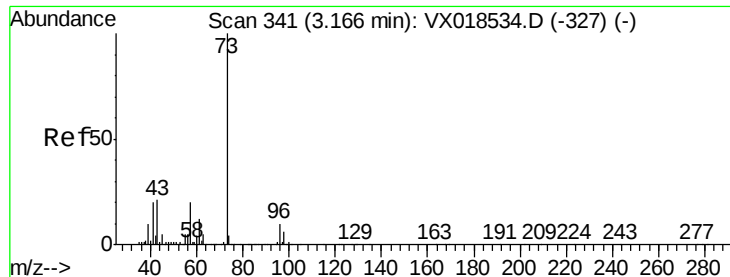
MMDadoda
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#16
Methylene chloride
Concen: 0.537 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Tgt Ion: 84 Resp: 8656
Ion Ratio Lower Upper
84 100
86 73.8 39.8 74.0
49 146.8 79.5 147.6





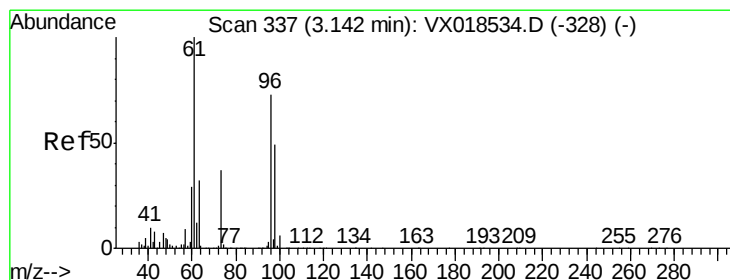
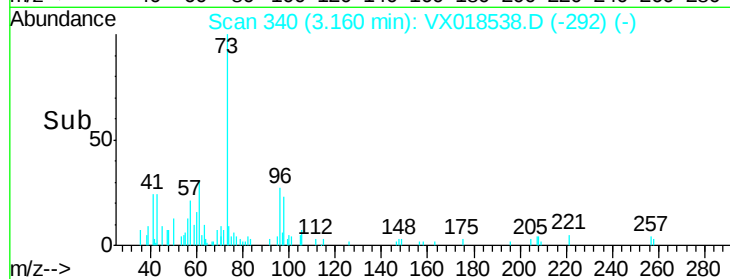
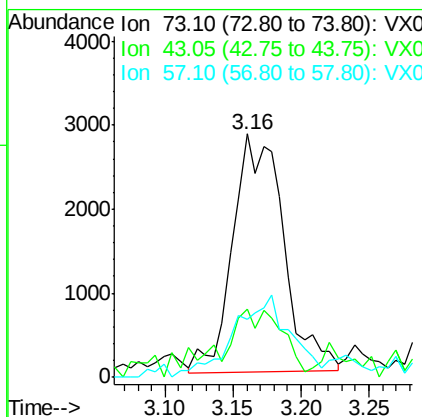
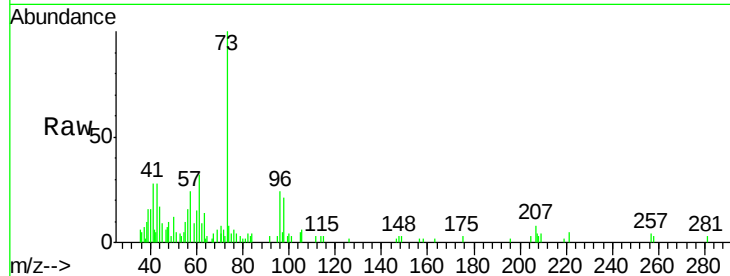
#17
Methvl tert-butvl Ether
Concen: 0.273 ug/L
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.4	18.3	27.5
57	38.1	18.0	27.0#

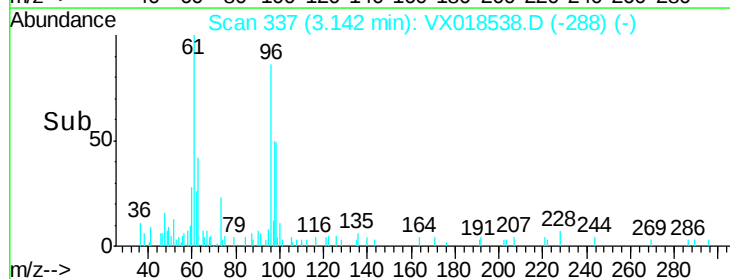
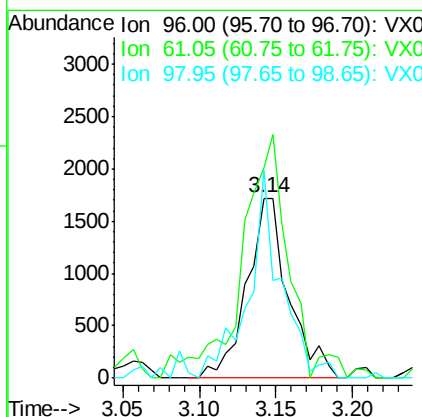
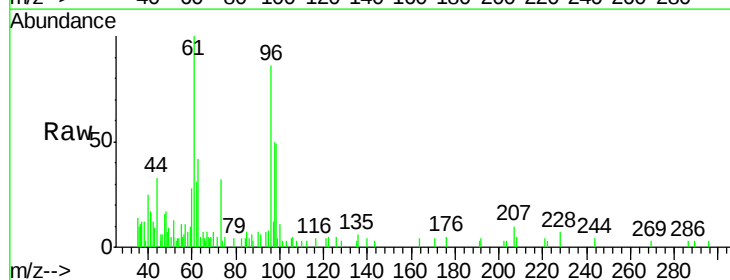
Manual Integrations
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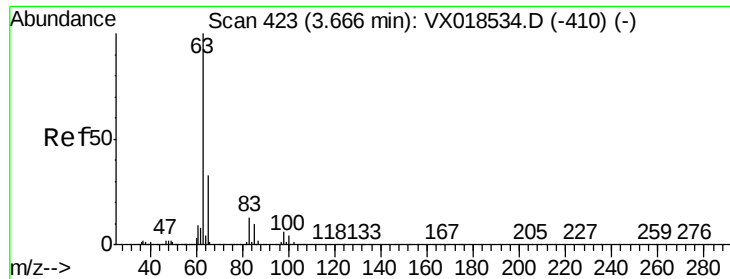
MMDadoda
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#18
trans-1,2-Dichloroethene
Concen: 0.262 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.6	102.6	190.6
98	115.7	45.2	84.0#





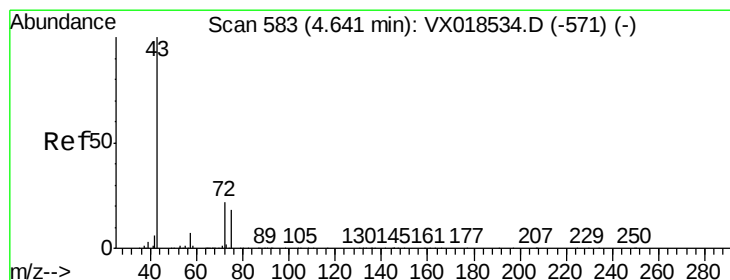
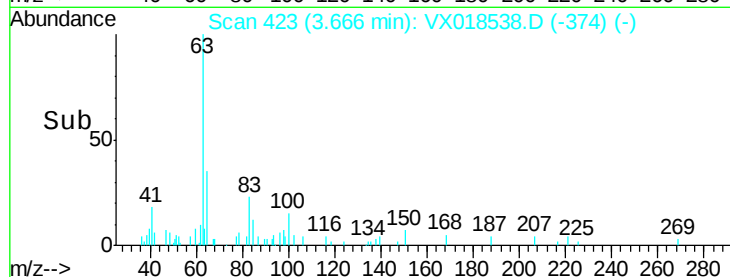
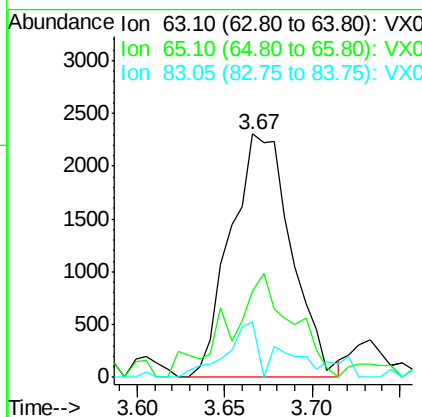
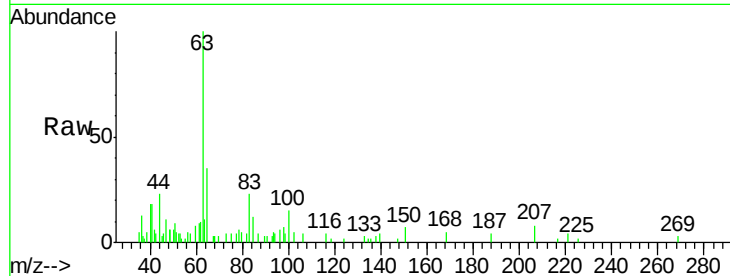
#19
 1,1-Dichloroethane
 Concen: 0.253 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.7	40.3
83	20.7	10.0	18.6

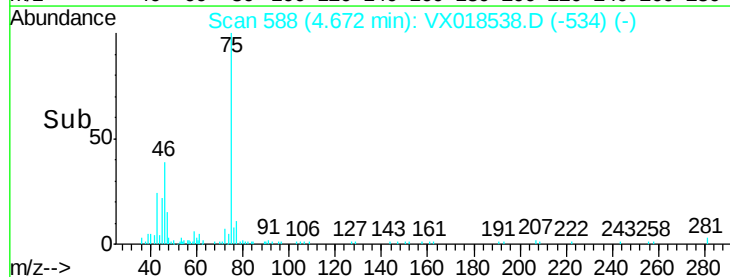
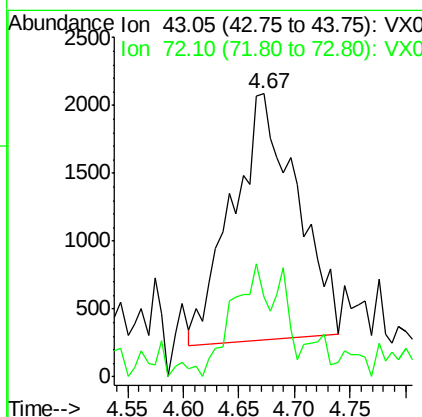
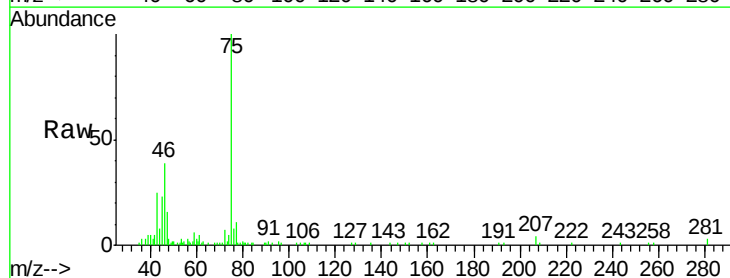
Manual Integrations
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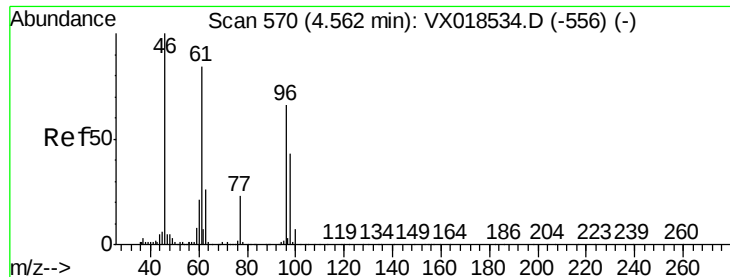
MMDadoda
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#21
 2-Butanone
 Concen: 2.623 ug/L
 RT: 4.67 min Scan# 588
 Delta R.T. 0.03 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.3	13.0	38.9





#22

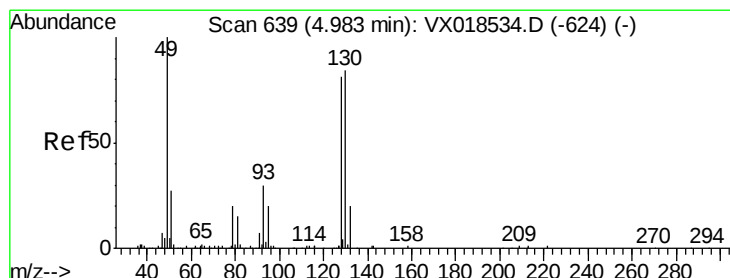
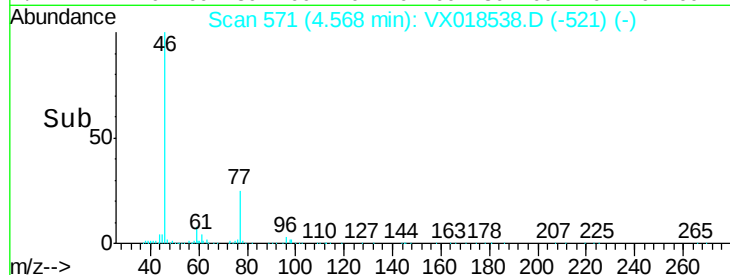
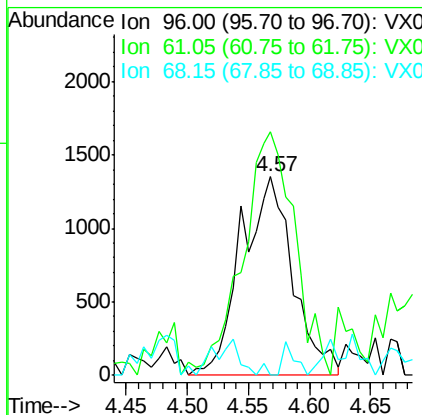
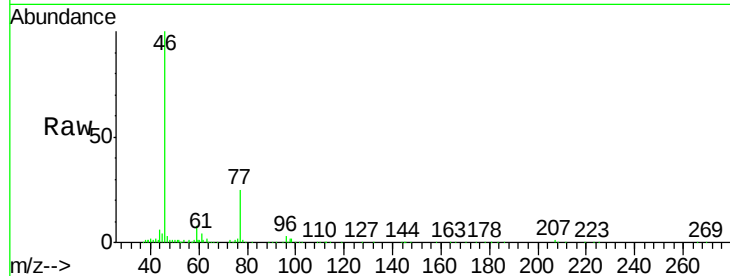
cis-1,2-Dichloroethene
Concen: 0.313 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.8	97.5	181.1
68	0.0	0.0	0.0

Manual Integrations
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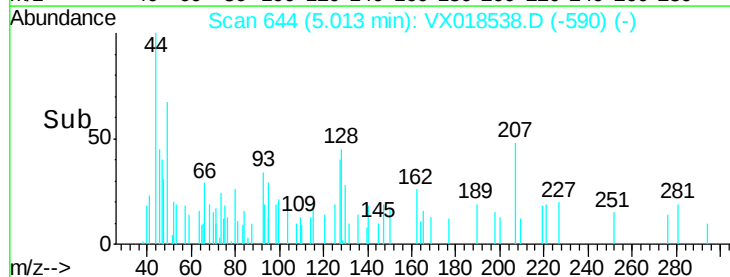
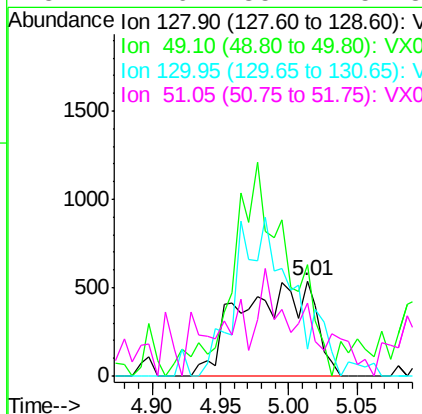
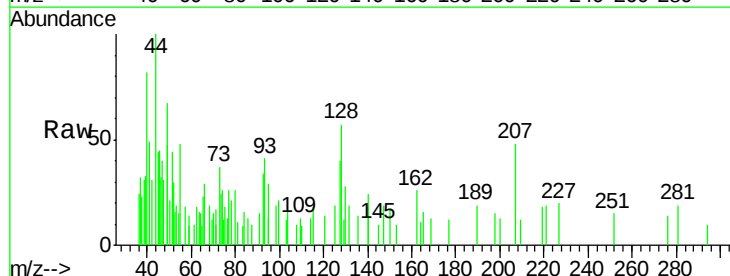
MMDadoda
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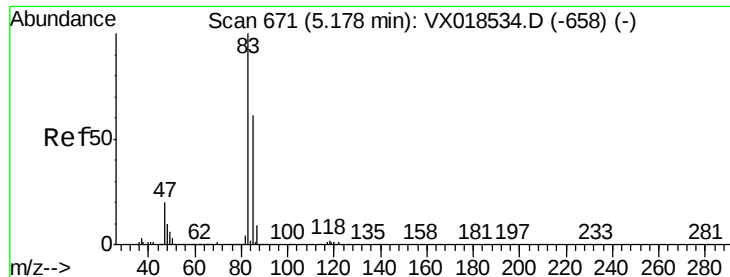


#23

Bromochloromethane
Concen: 0.317 ug/L m
RT: 5.01 min Scan# 644
Delta R.T. 0.03 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Lower	Upper
128	100		
49	116.7	99.6	185.0
130	49.2	83.6	155.2#
51	77.6	35.2	52.8#





#25

Chloroform

Concen: 0.356 ug/L m

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion: 83 Resp: 8601

Ion Ratio Lower Upper

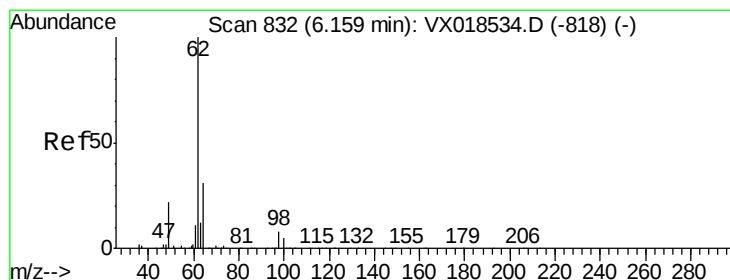
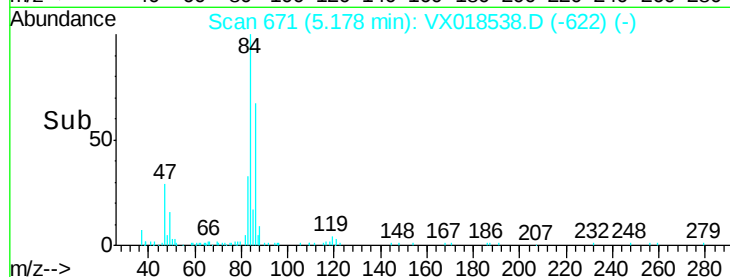
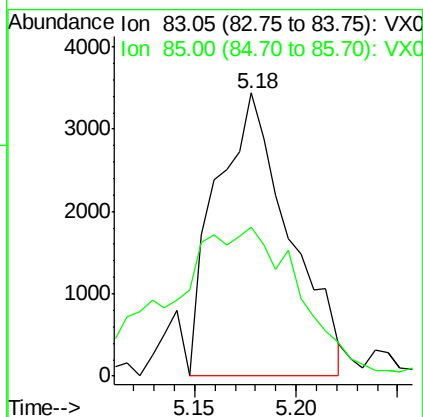
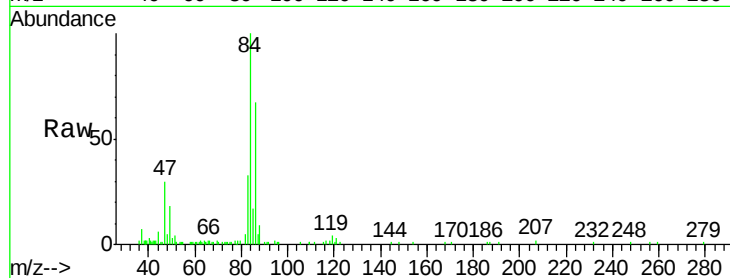
83 100

85 52.4 41.6 77.3

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#27

1,2-Dichloroethane

Concen: 0.348 ug/L m

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018538.D

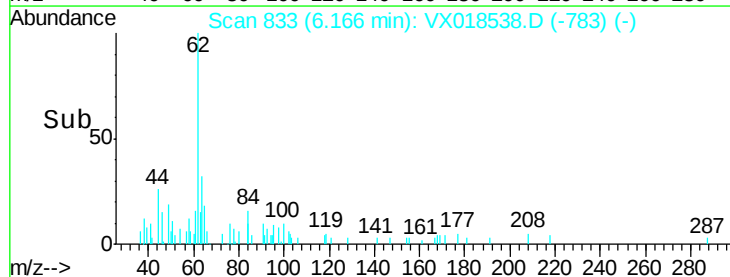
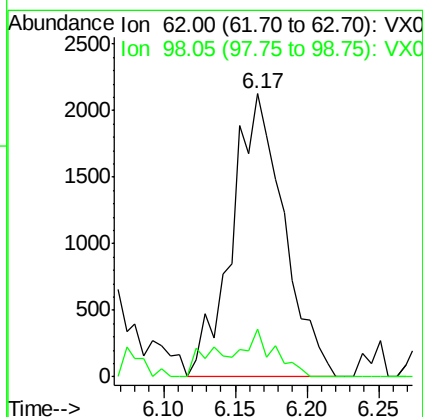
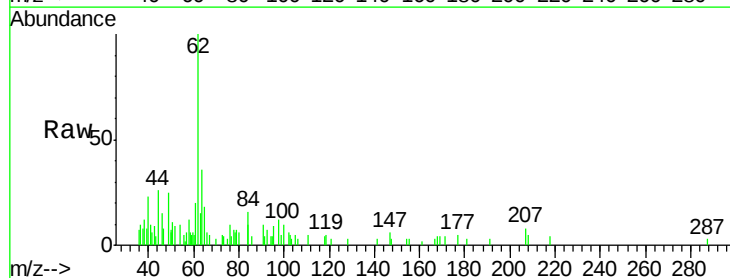
Acq: 23 Sep 2020 14:33

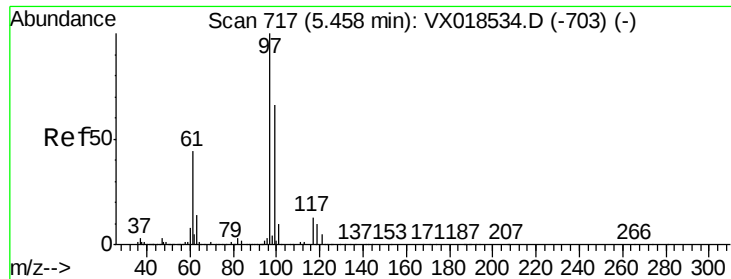
Tgt Ion: 62 Resp: 5352

Ion Ratio Lower Upper

62 100

98 12.1 6.2 9.4#





#29

1,1,1-Trichloroethane

Concen: 0.267 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

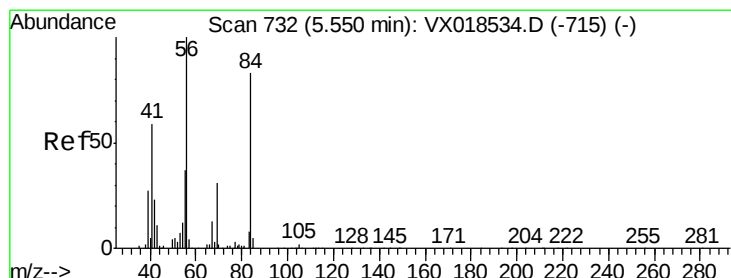
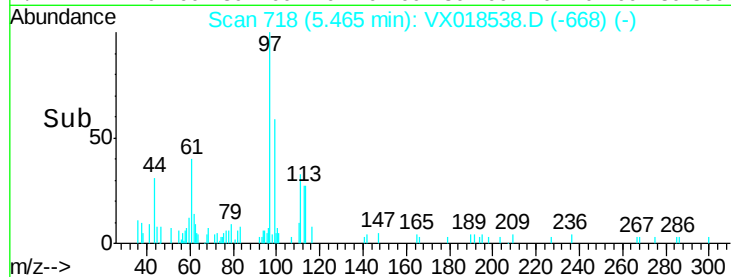
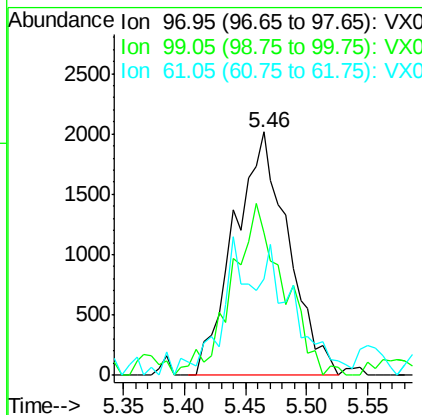
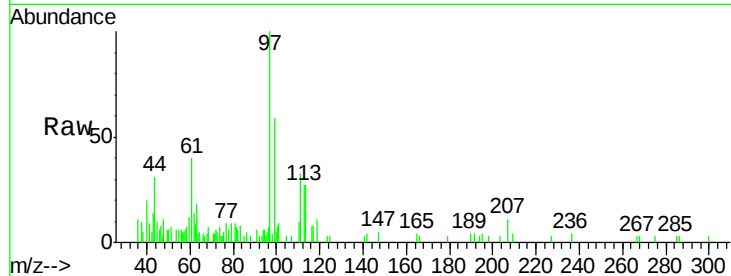
ClientSampled :

MDL02

Tot Ion:	97	Resp:	6194
Ion	Ratio	Lower	Upper
97	100		
99	67.5	53.6	80.4
61	27.8	34.8	52.2#

Manual Integrations
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#30

Cyclohexane

Concen: 0.288 ug/L

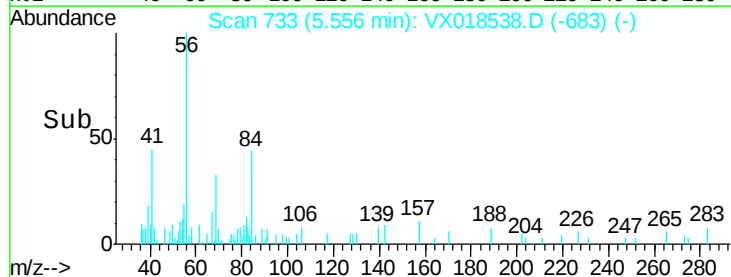
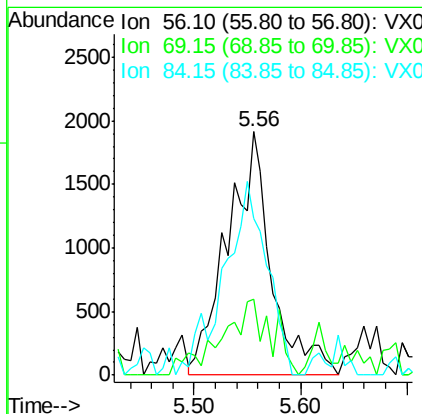
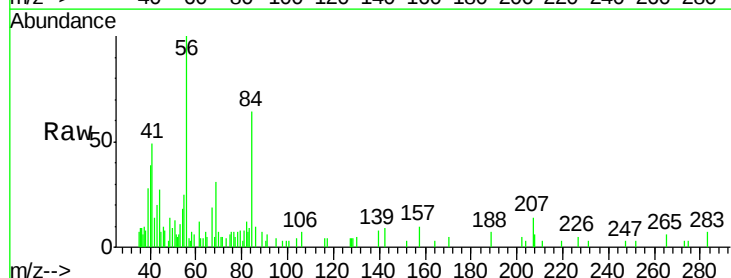
RT: 5.56 min Scan# 733

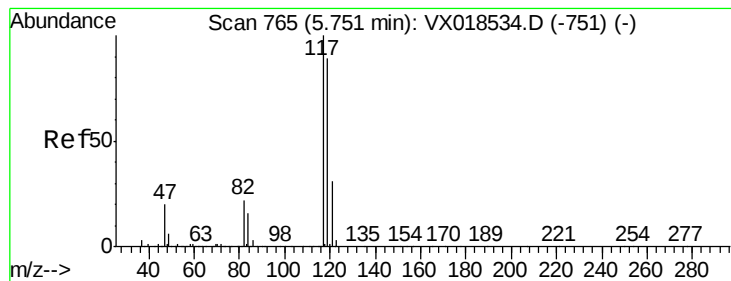
Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Tgt Ion:	56	Resp:	5496
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.7	37.1
84	78.2	68.6	103.0





#31

Carbon tetrachloride

Concen: 0.246 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tot Ion:117 Resp: 5091

Ion Ratio Lower Upper

117 100

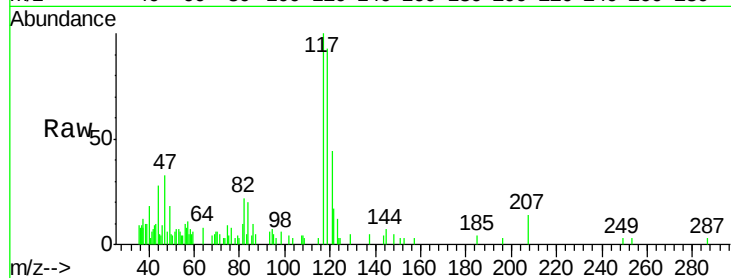
119 104.4 78.3 117.5

Manual Integrations

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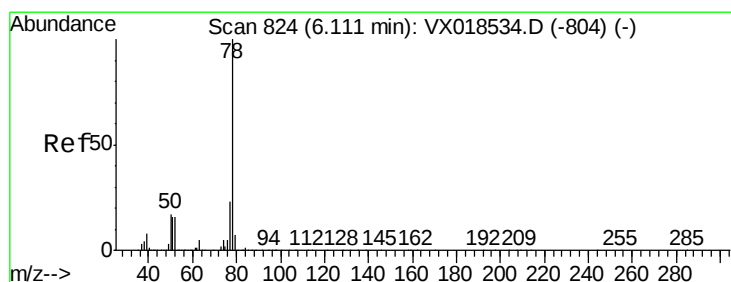
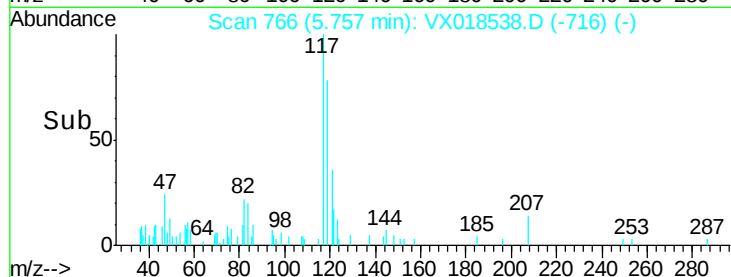
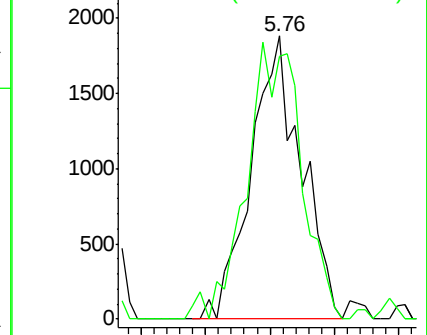
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.252 ug/L

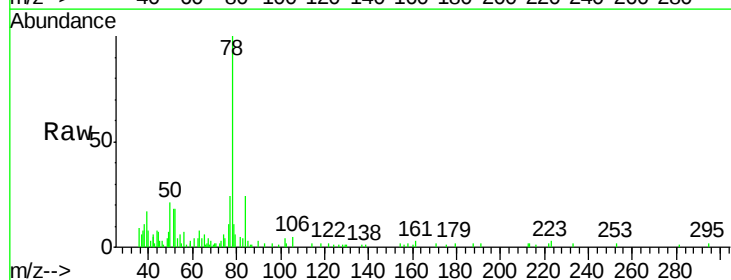
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

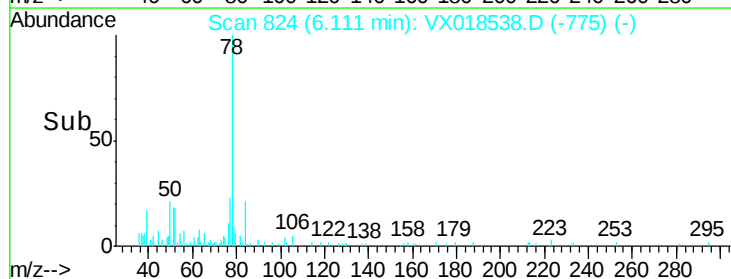
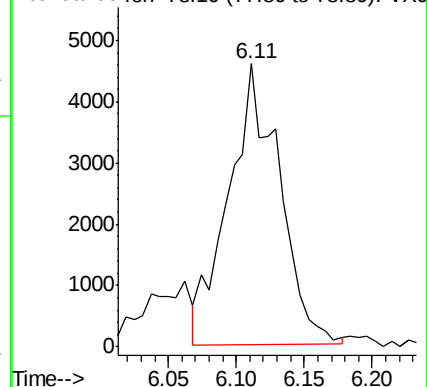
Lab File: VX018538.D

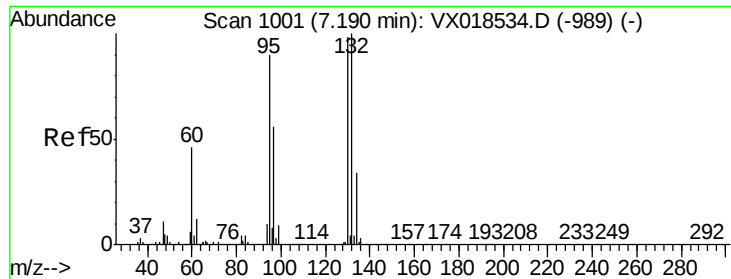
Acq: 23 Sep 2020 14:33

Tgt Ion: 78 Resp: 11924



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 0.334 ug/L

RT: 7.18 min Scan# 999

Delta R.T. -0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion: 95 Resp: 4470

Ion Ratio Lower Upper

95 100

97 54.1 44.0 81.8

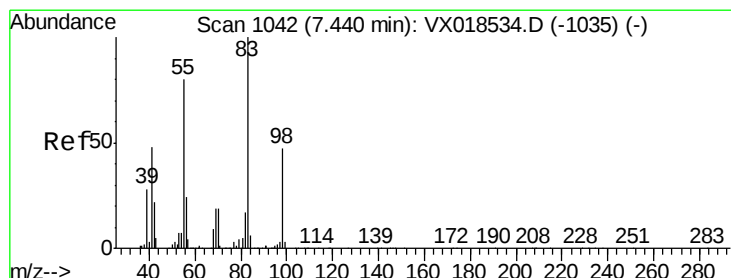
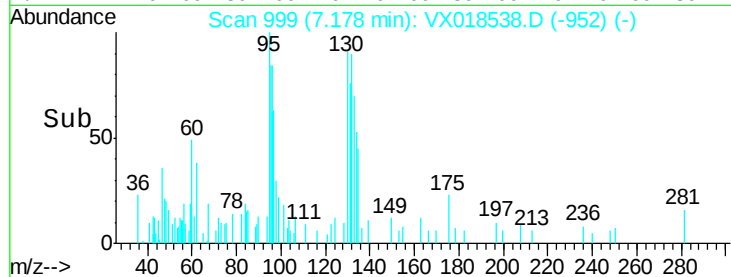
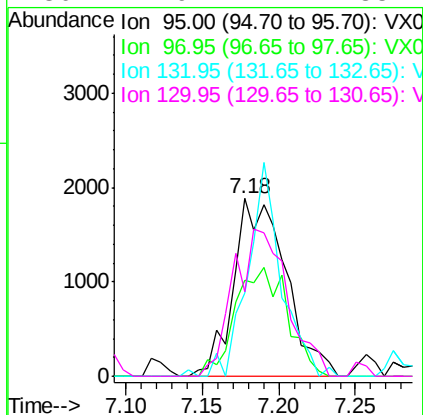
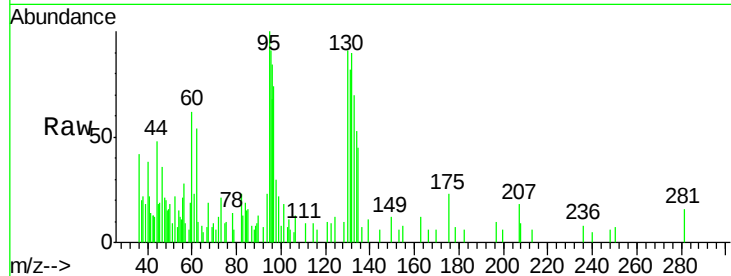
132 47.0 74.1 137.7#

130 47.9 71.7 133.1#

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#35

Methylcyclohexane

Concen: 0.298 ug/L

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

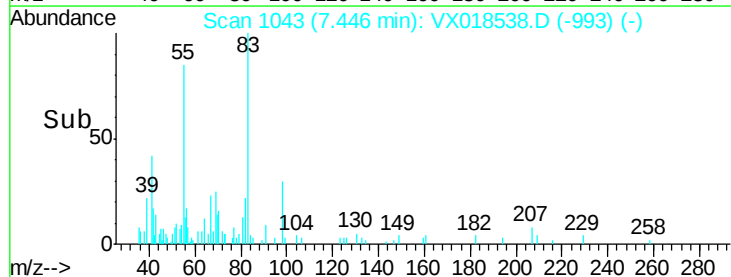
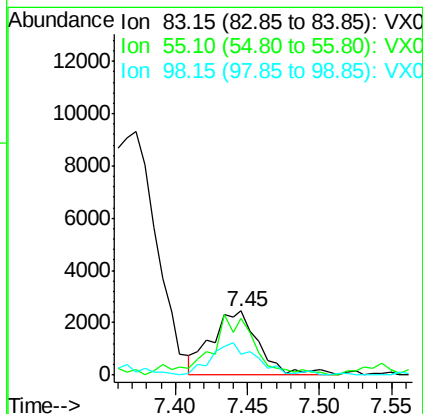
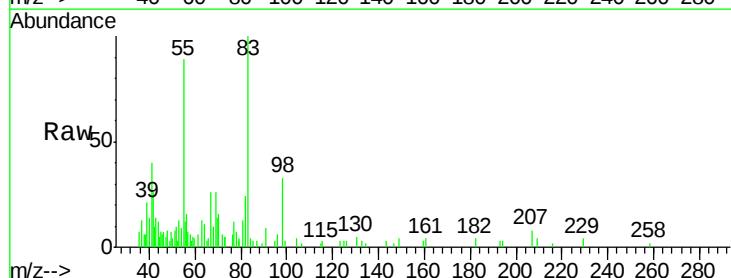
Tgt Ion: 83 Resp: 5627

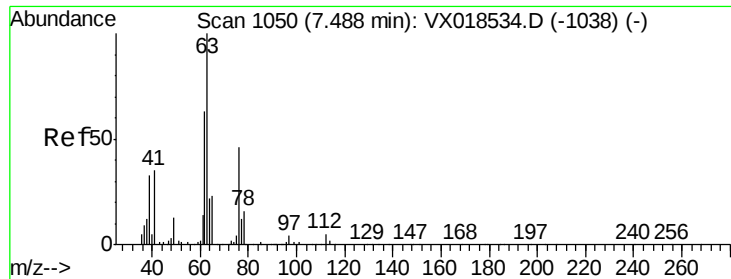
Ion Ratio Lower Upper

83 100

55 83.8 65.7 98.5

98 46.7 37.8 56.8





#37

1,2-Dichloropropane

Concen: 0.305 ug/L

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion: 63 Resp: 3716

Ion Ratio Lower Upper

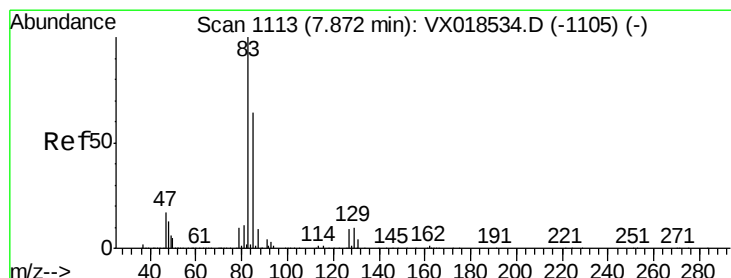
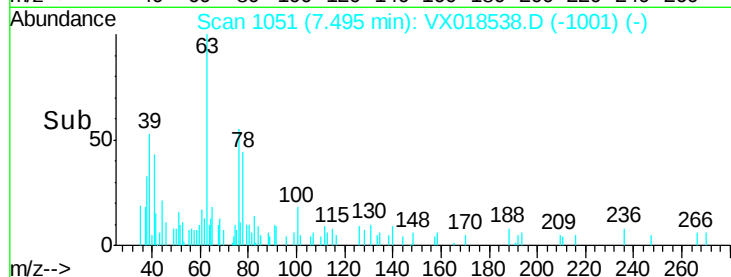
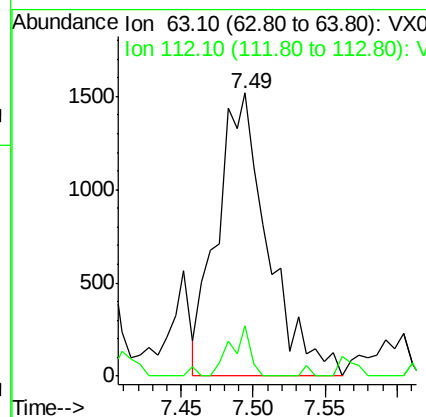
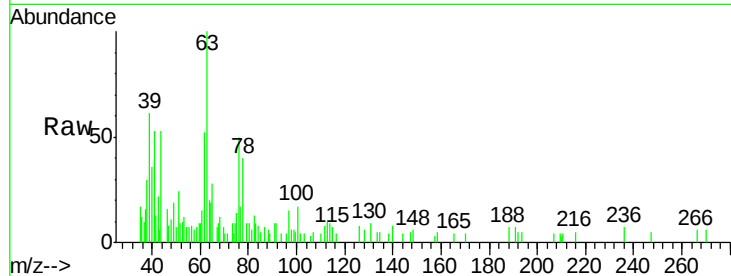
63 100

112 7.0 4.1 6.1#

Manual Integrations
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#38

Bromodichloromethane

Concen: 0.246 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

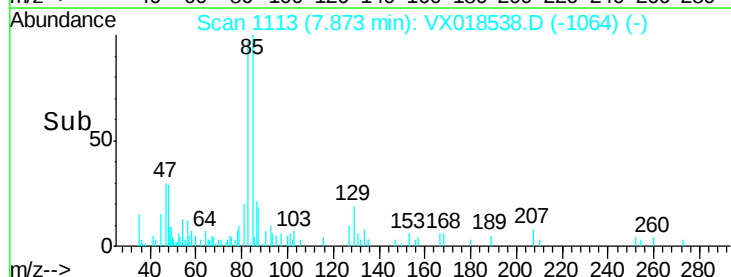
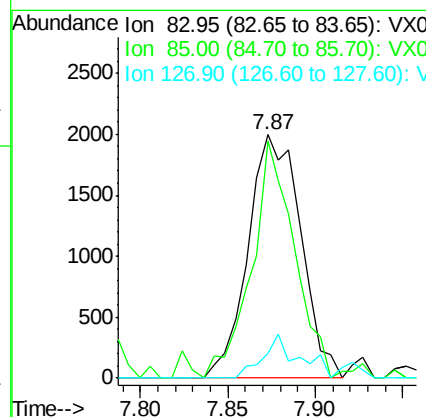
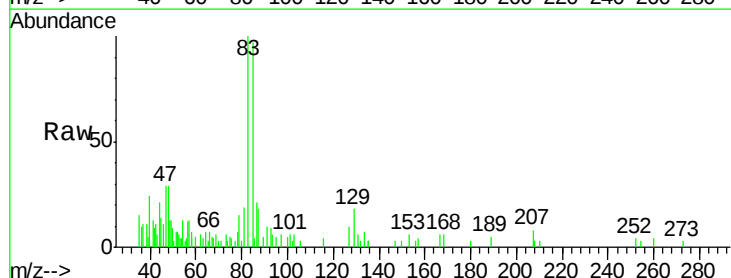
Tgt Ion: 83 Resp: 4171

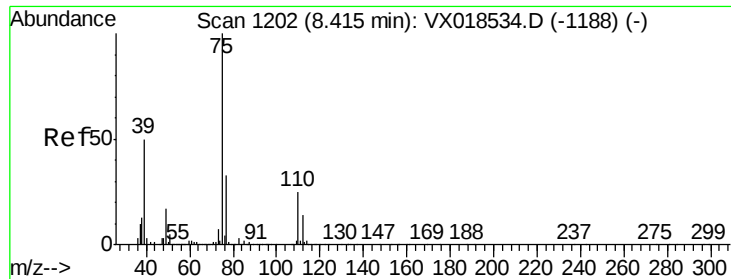
Ion Ratio Lower Upper

83 100

85 101.7 42.9 79.7#

127 10.2 7.2 10.8





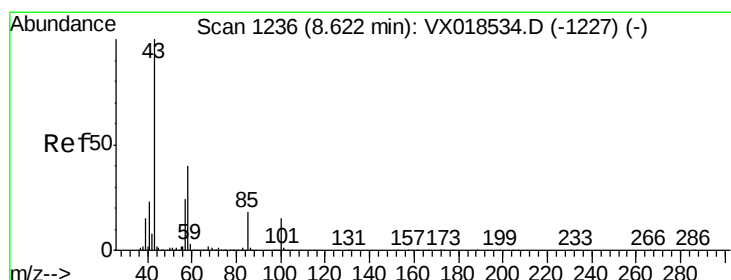
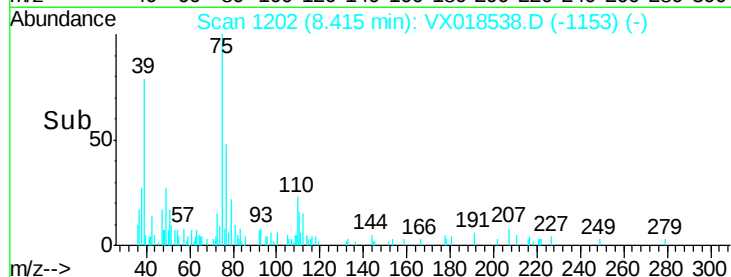
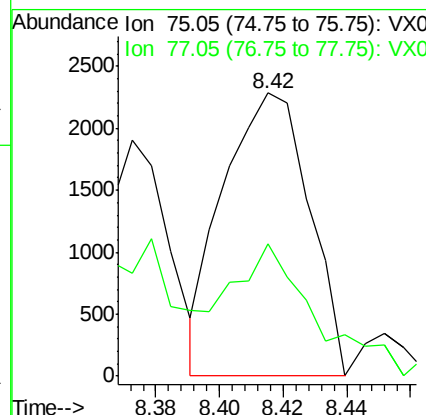
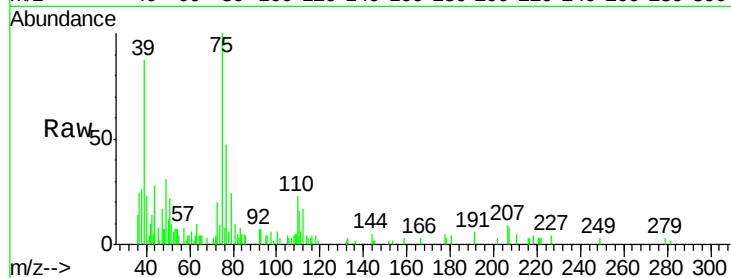
#39
 cis-1,3-Dichloropropene
 Concen: 0.240 ug/L m
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Tot Ion: 75 Resp: 4294
 Ion Ratio Lower Upper
 75 100
 77 46.9 21.2 39.4#

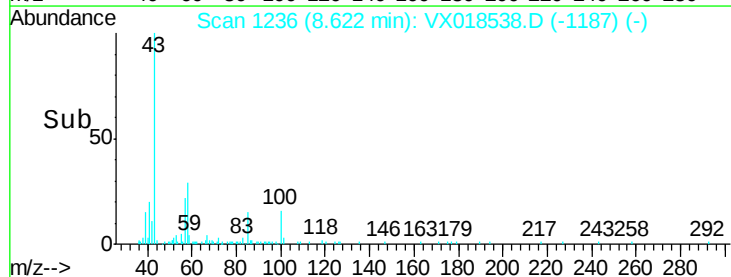
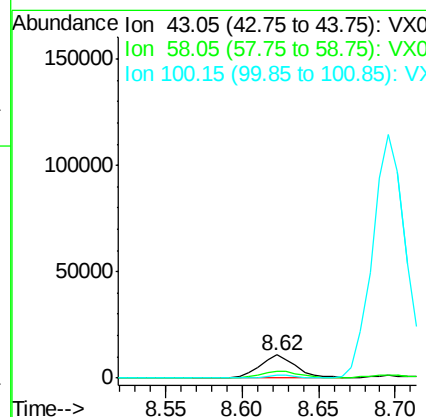
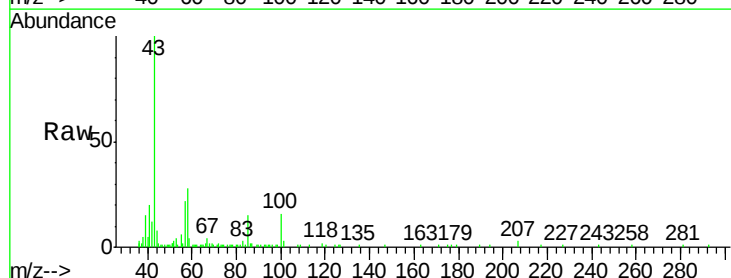
Manual Integrations
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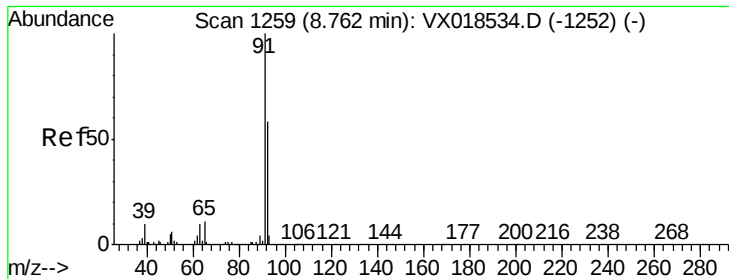
MMDadoda
 9/28/2020 5:14:18 PM



#40
 4-Methyl-2-pentanone
 Concen: 2.655 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Tgt Ion: 43 Resp: 17955
 Ion Ratio Lower Upper
 43 100
 58 33.6 29.8 44.8
 100 0.0 11.5 17.3#





#42

Toluene

Concen: 0.266 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tot Ion: 91 Resp: 13469

Ion Ratio Lower Upper

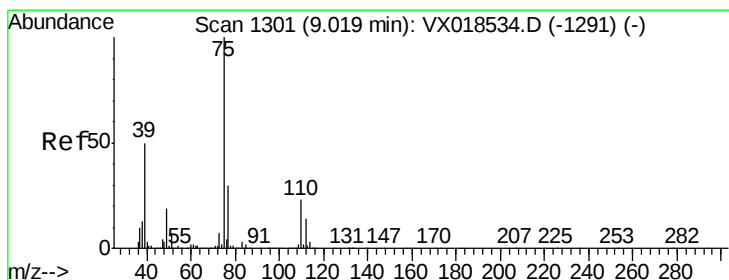
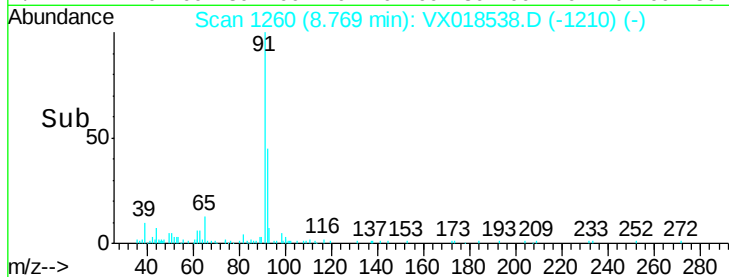
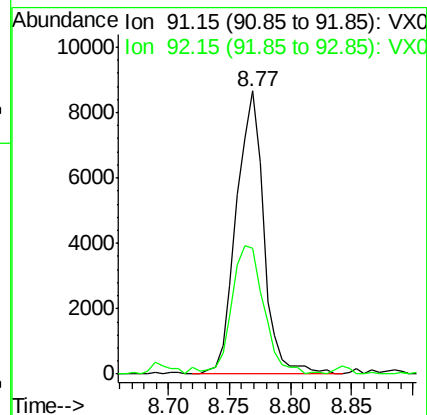
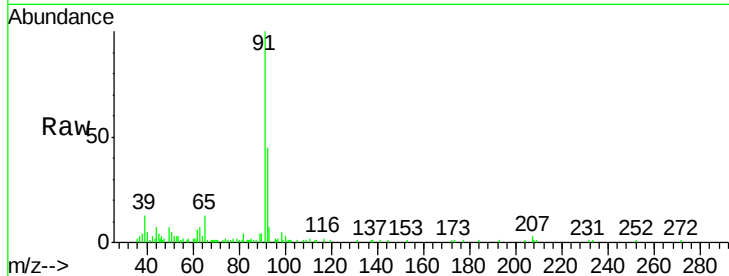
91 100

92 44.7 39.9 74.1

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#44

trans-1,3-Dichloropropene

Concen: 0.241 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018538.D

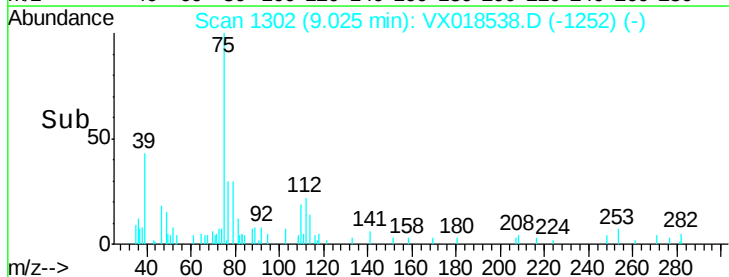
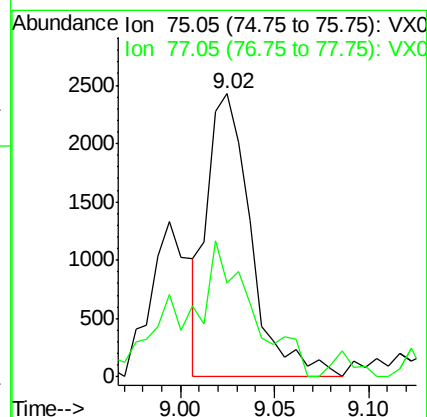
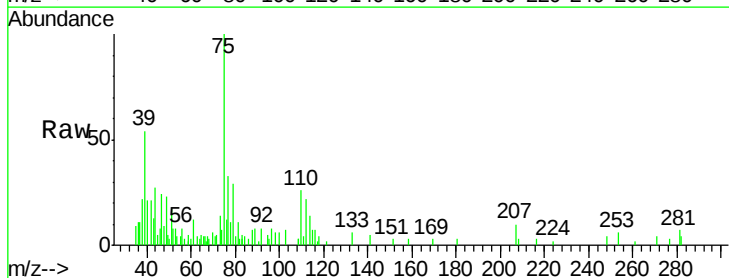
Acq: 23 Sep 2020 14:33

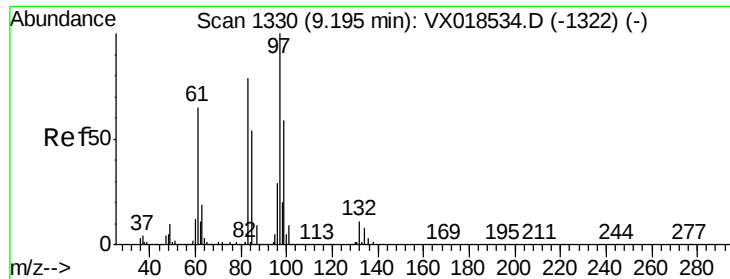
Tgt Ion: 75 Resp: 3901

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 0.264 ug/L

RT: 9.19 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

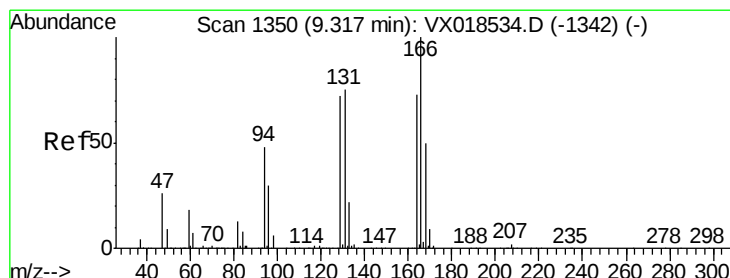
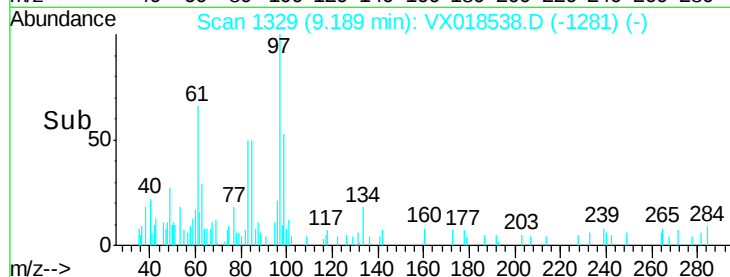
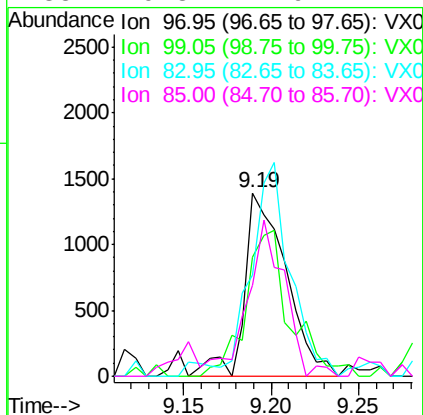
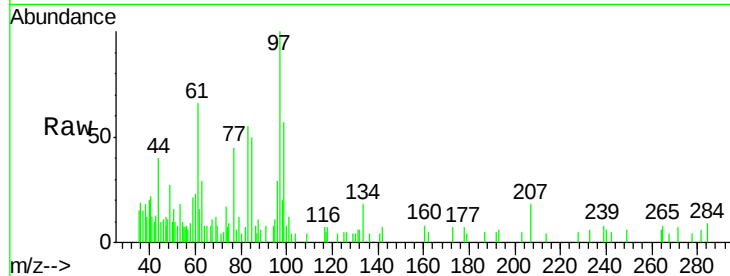
ClientSampled :

MDL02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		2311		
99	64.9	45.2	84.0		
83	55.0	60.9	113.1#		
85	49.8	41.9	77.7		

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#47

Tetrachloroethene

Concen: 0.285 ug/L

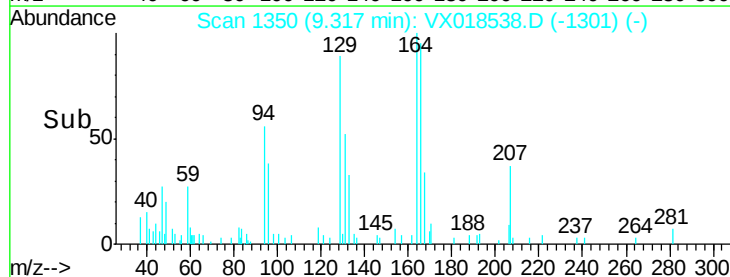
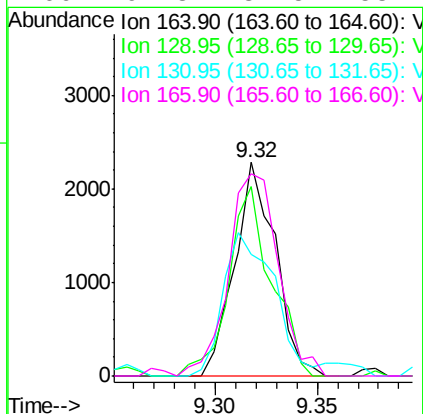
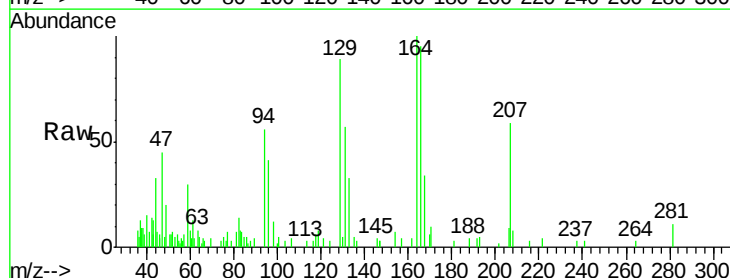
RT: 9.32 min Scan# 1350

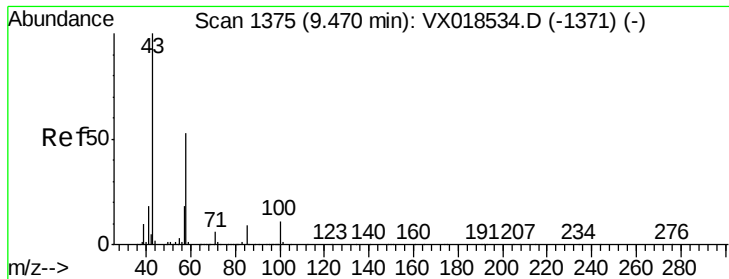
Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		3173		
129	88.7	62.3	115.7		
131	56.7	64.5	119.7#		
166	94.8	82.5	153.1		





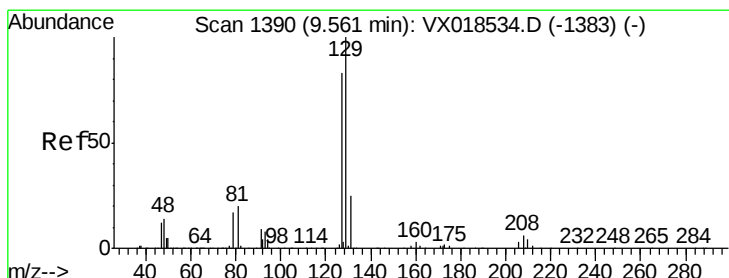
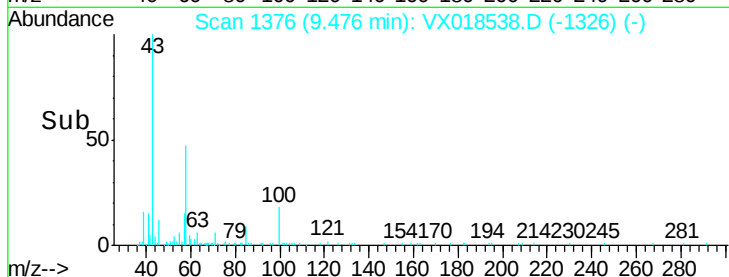
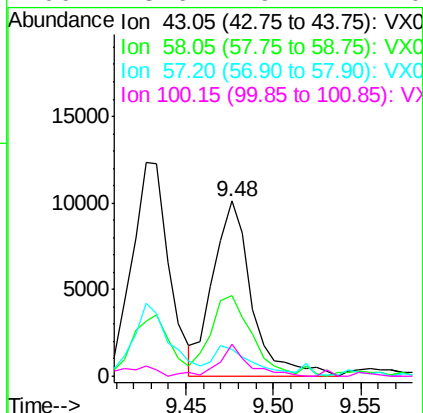
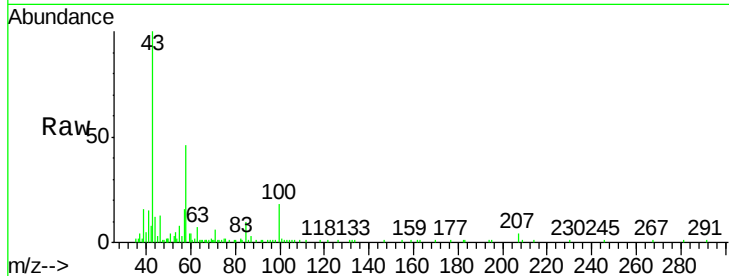
#48
2-Hexanone
Concen: 3.158 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	48.5	41.5	62.3	
57	17.7	15.4	23.0	
100	13.6	9.4	14.0	

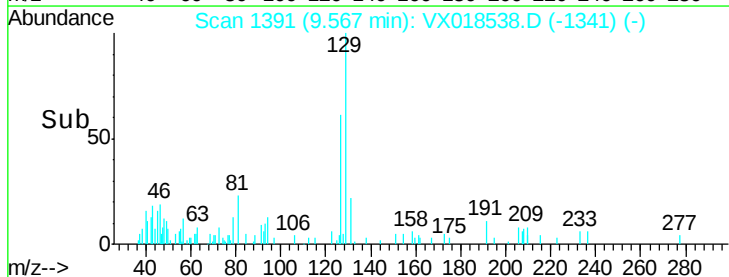
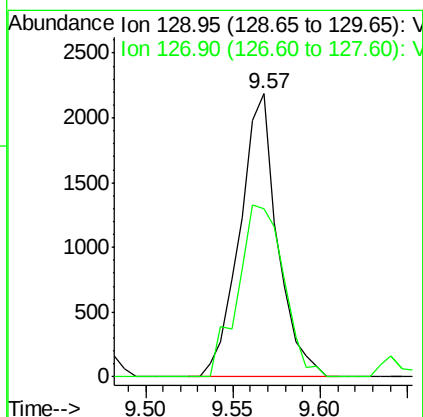
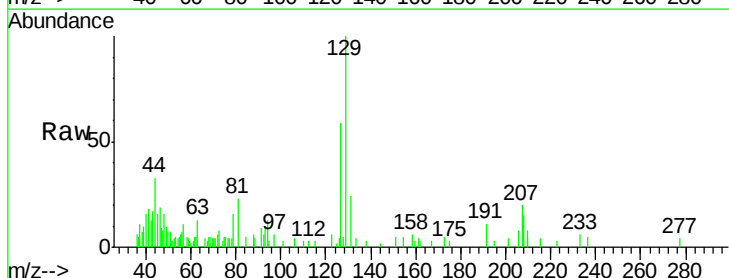
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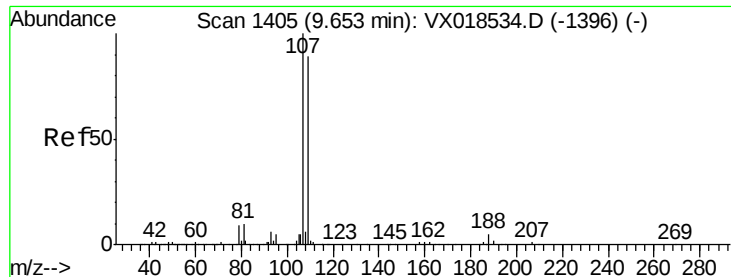
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#49
Dibromochloromethane
Concen: 0.282 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	59.2	51.6	95.8	





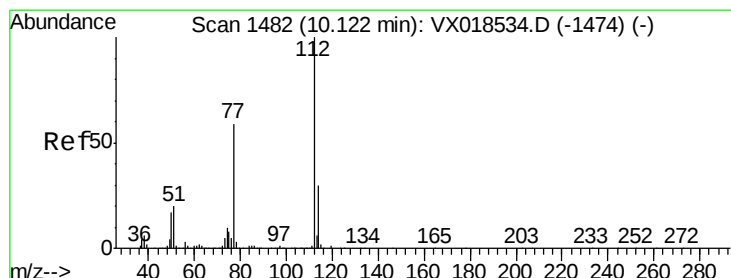
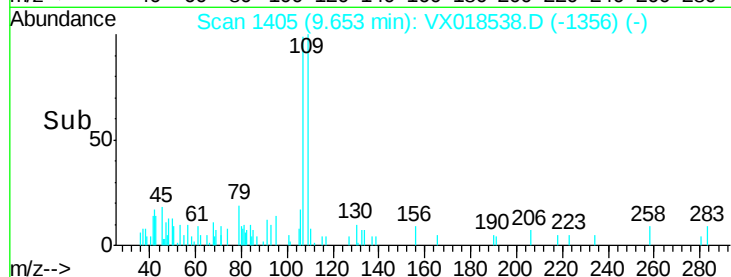
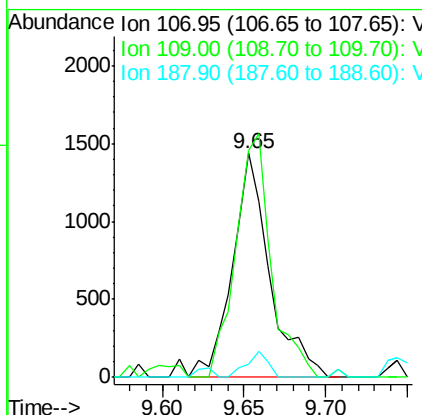
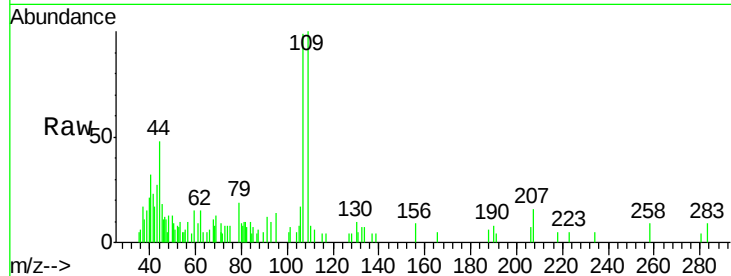
#50
1,2-Dibromoethane
Concen: 0.275 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Instrument :
MSVOA_X
ClientSampled :
MDL02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	2291		
109	101.3	71.2	132.2	
188	6.1	1.9	2.9#	

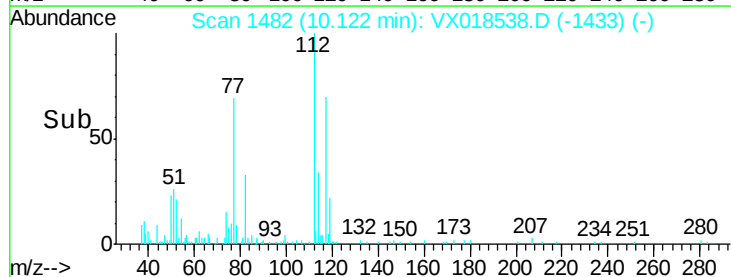
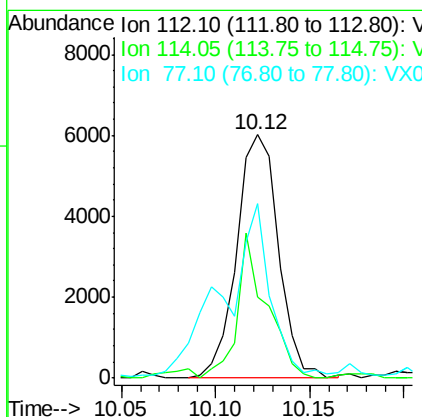
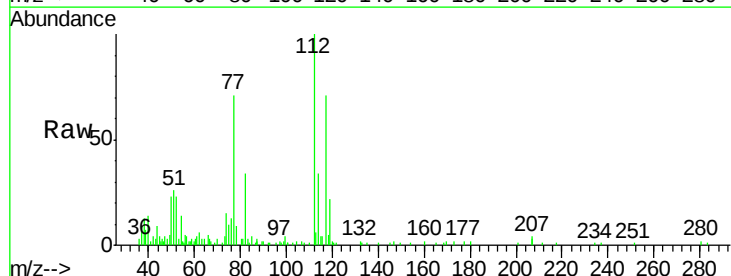
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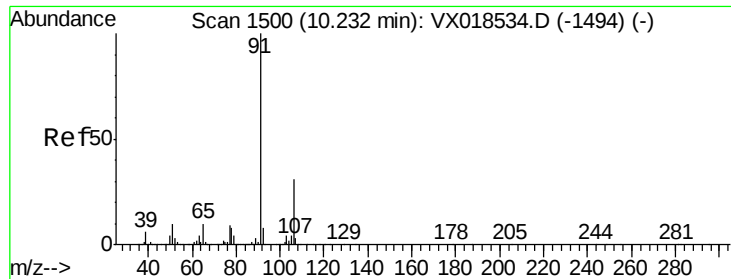
MMDadoda
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#51
Chlorobenzene
Concen: 0.276 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	9256		
114	33.5	23.1	42.9	
77	71.4	44.9	67.3#	





#52

Ethylbenzene

Concen: 0.230 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tot Ion: 91 Resp: 12557

Ion Ratio Lower Upper

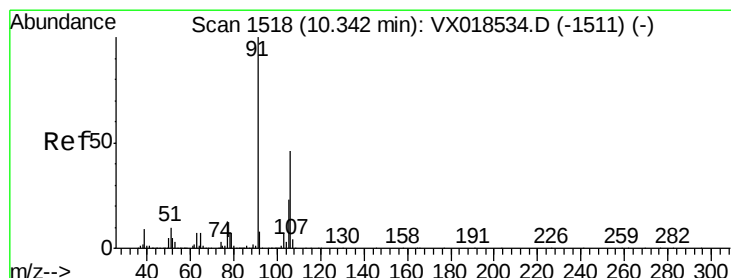
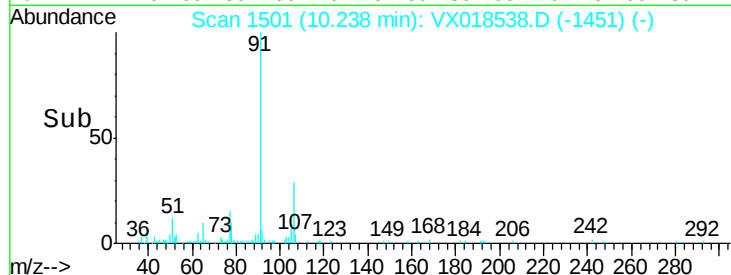
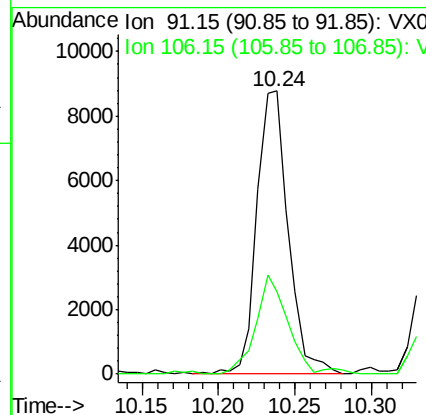
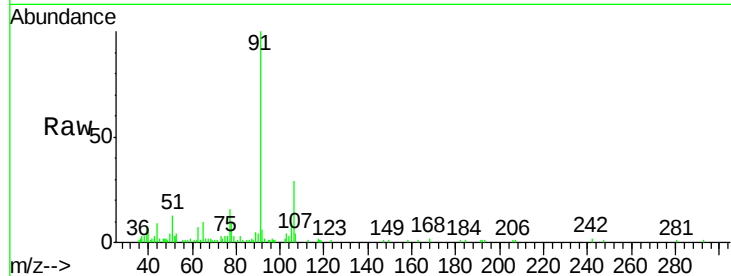
91 100

106 29.3 23.3 43.3

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#53

m,p-xylene

Concen: 0.219 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018538.D

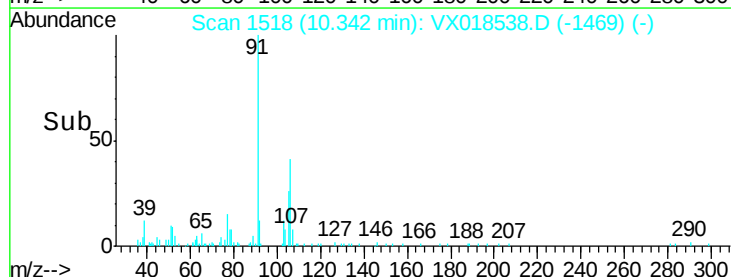
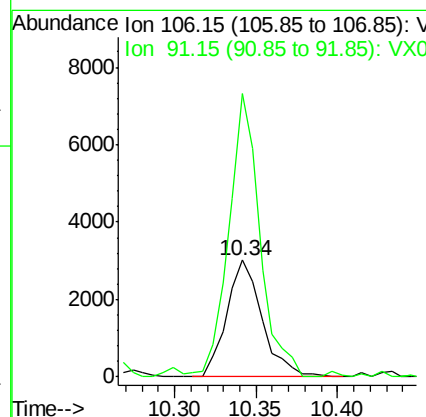
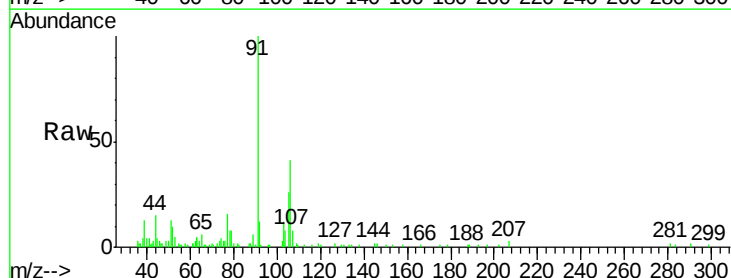
Acq: 23 Sep 2020 14:33

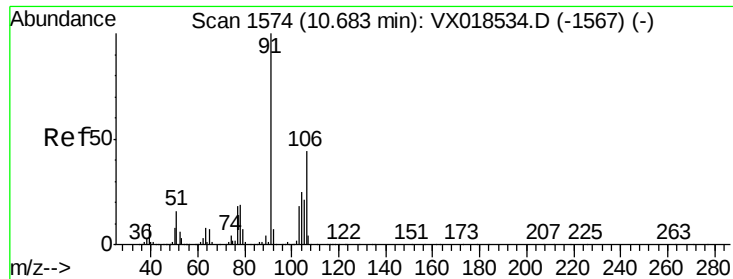
Tgt Ion: 106 Resp: 4578

Ion Ratio Lower Upper

106 100

91 242.6 146.8 272.6





#54

o-xylene

Concen: 0.214 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampled :

MDL02

Tot Ion:106 Resp: 4157

Ion Ratio Lower Upper

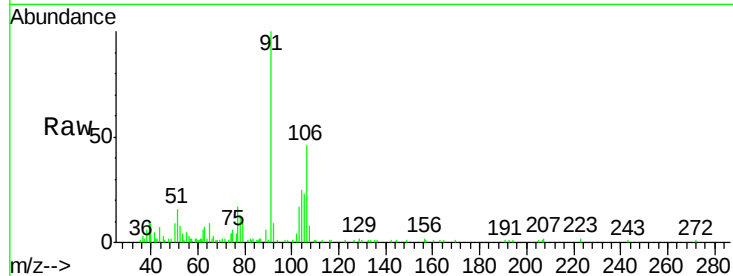
106 100

91 215.6 150.9 280.3

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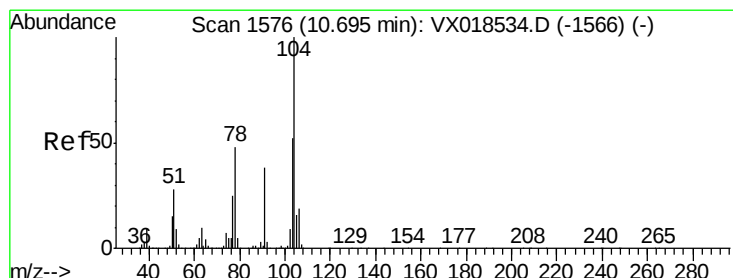
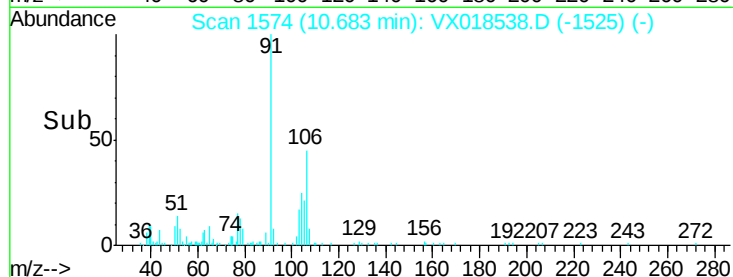
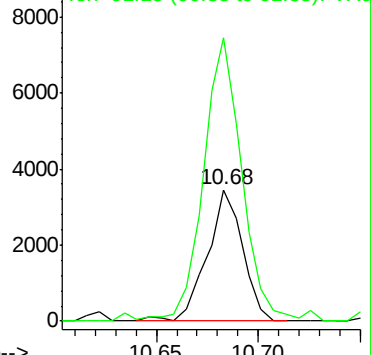
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#55

Styrene

Concen: 0.205 ug/L m

RT: 10.70 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VX018538.D

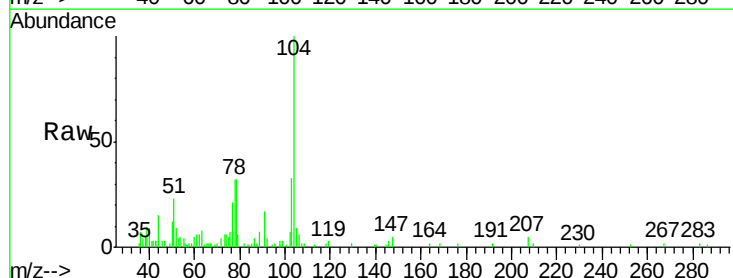
Acq: 23 Sep 2020 14:33

Tgt Ion:104 Resp: 6797

Ion Ratio Lower Upper

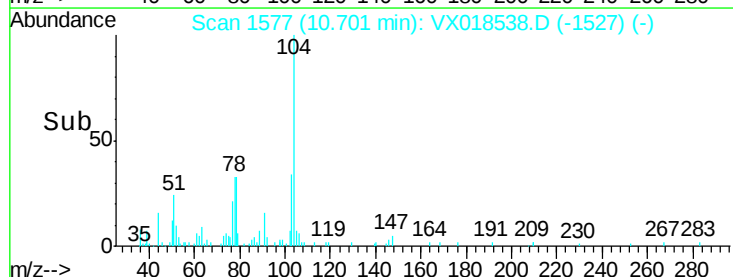
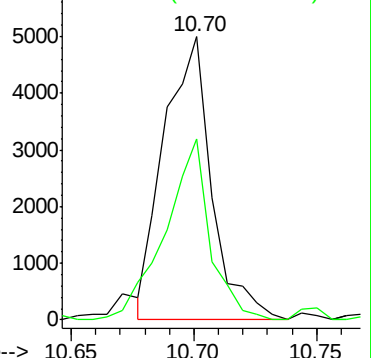
104 100

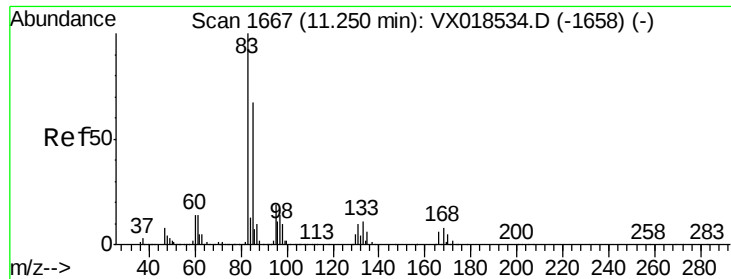
78 32.1 33.0 61.2#



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: 0.332 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

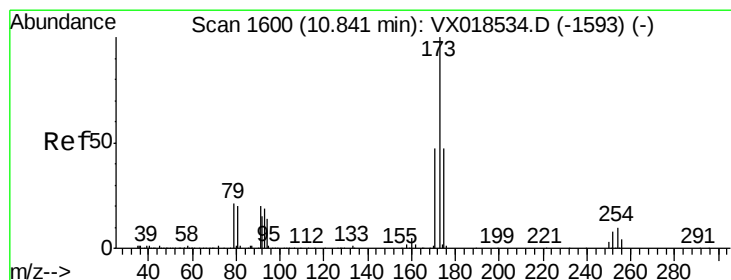
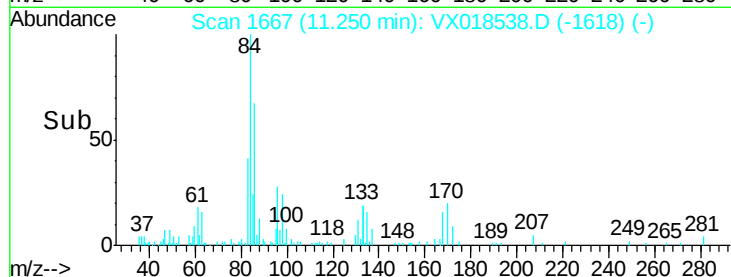
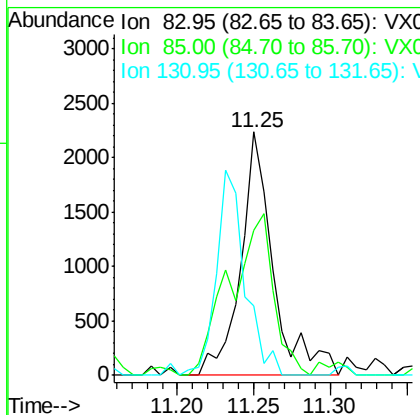
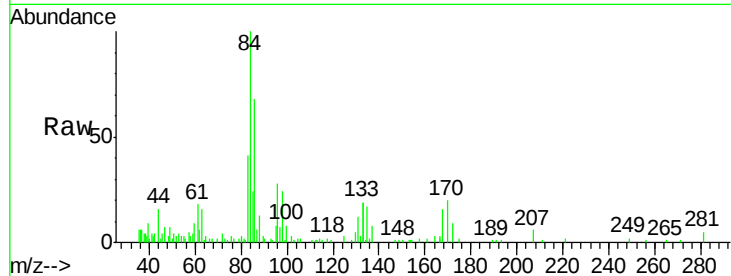
ClientSampleId :

MDL02

Tot Ion:	83	Resp:	3305
Ion Ratio	Lower	Upper	
83	100		
85	59.6	44.4	82.4
131	28.6	7.4	11.0#

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#59

Bromoform

Concen: 0.271 ug/L

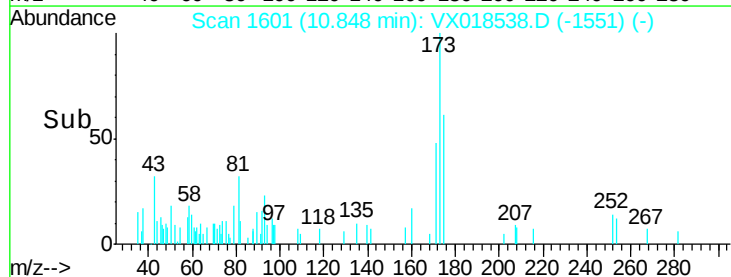
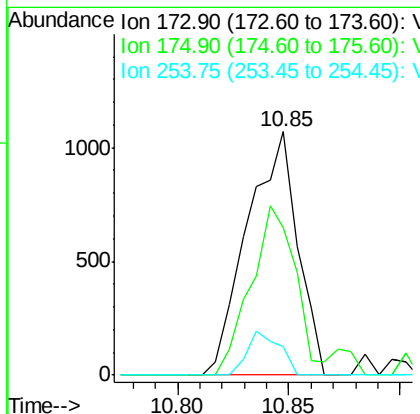
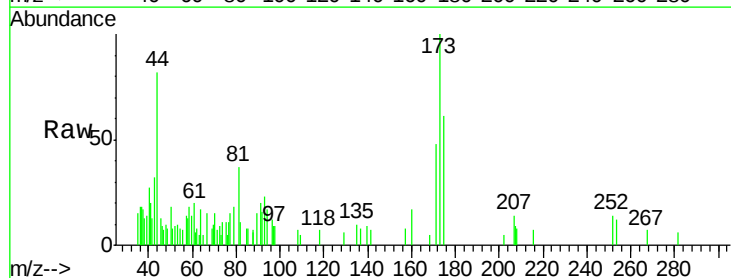
RT: 10.85 min Scan# 1601

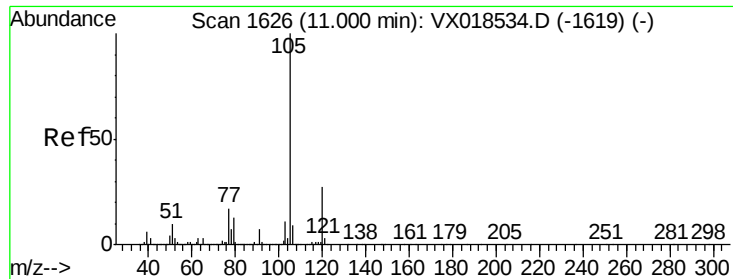
Delta R.T. 0.01 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Tgt Ion:	173	Resp:	1682
Ion Ratio	Lower	Upper	
173	100		
175	62.1	39.8	59.8#
254	11.6	7.5	11.3#





#60

Isopropylbenzene

Concen: 0.261 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

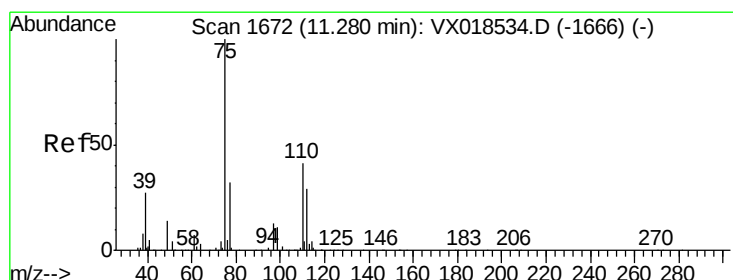
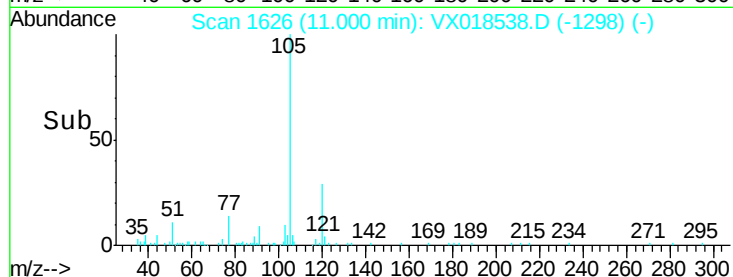
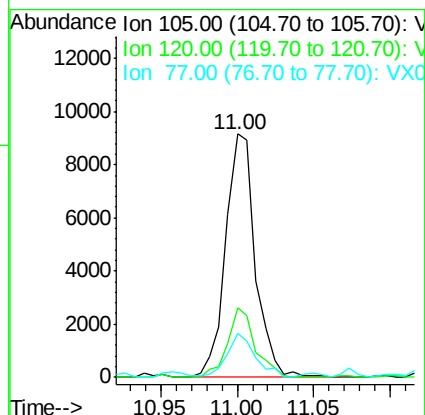
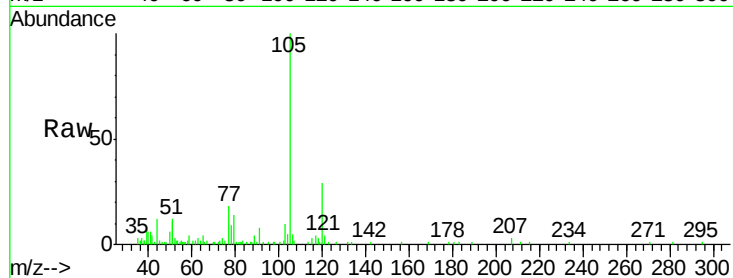
ClientSampleId :

MDL02

Tot Ion:	105	Resp:	12331
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.8	32.8
77	17.3	13.1	19.7

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#61

1,2,3-Trichloropropane

Concen: 0.325 ug/L

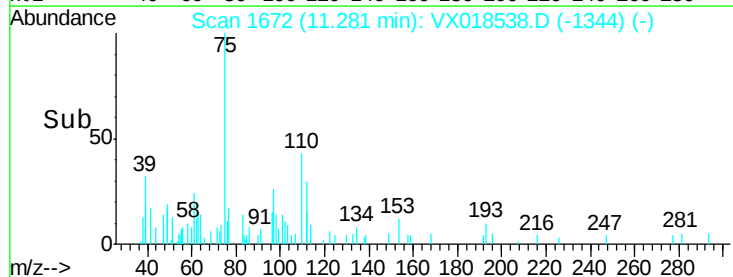
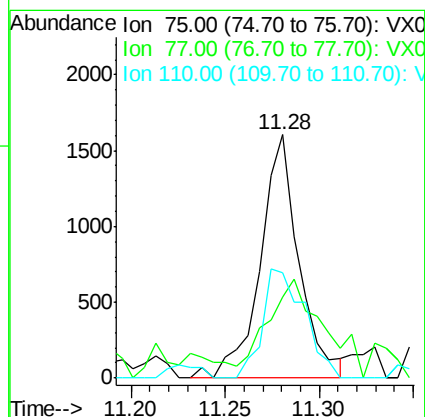
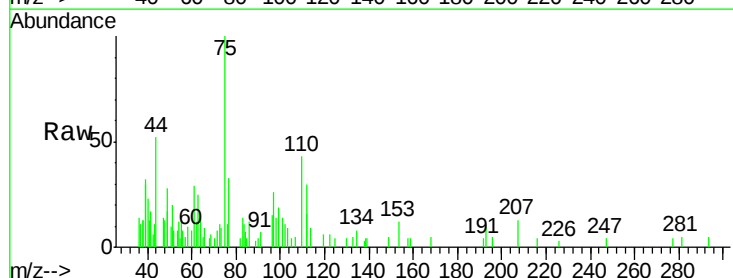
RT: 11.28 min Scan# 1672

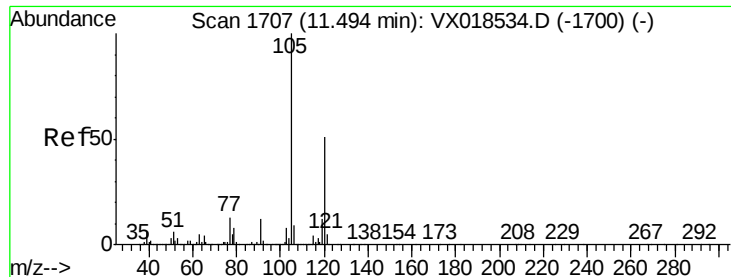
Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Tgt Ion:	75	Resp:	2293
Ion Ratio	Lower	Upper	
75	100		
77	58.7	27.1	40.7#
110	48.3	32.4	48.6





#62

1,3,5-Trimethylbenzene

Concen: 0.244 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018538.D

Acq: 23 Sep 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion:105 Resp: 9356

Ion Ratio Lower Upper

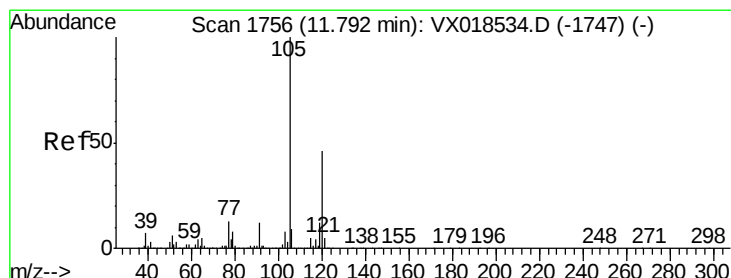
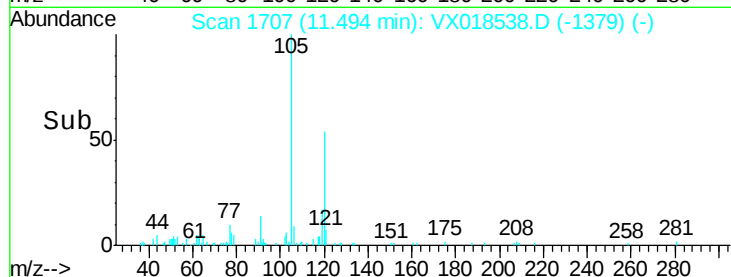
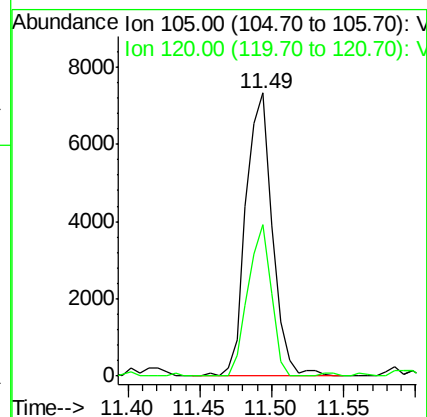
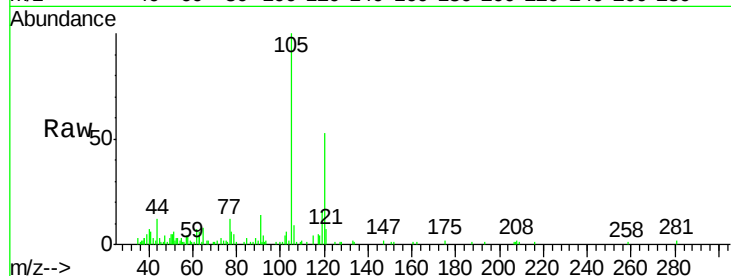
105 100

120 46.7 39.3 58.9

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#63

1,2,4-Trimethylbenzene

Concen: 0.213 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018538.D

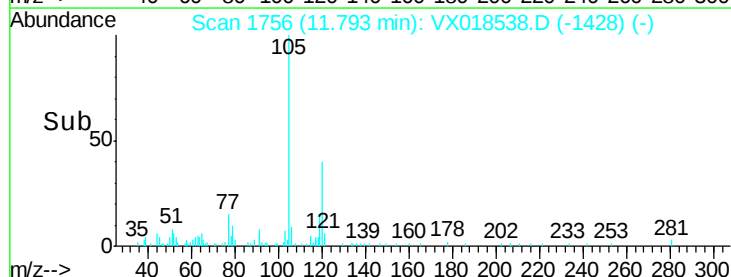
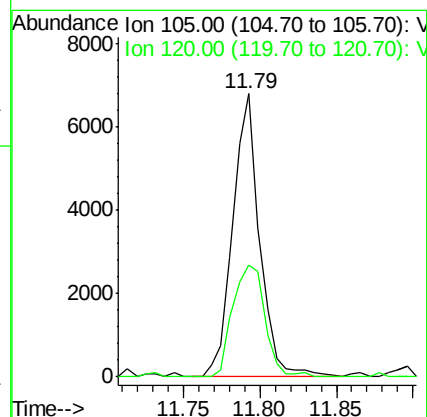
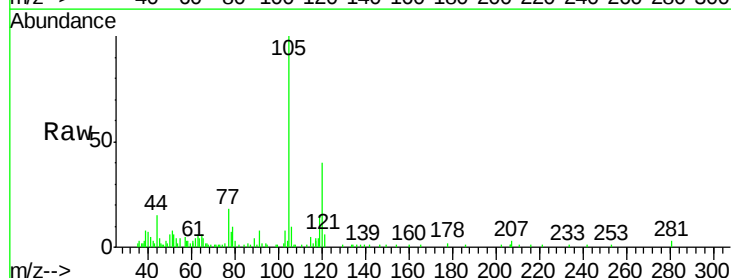
Acq: 23 Sep 2020 14:33

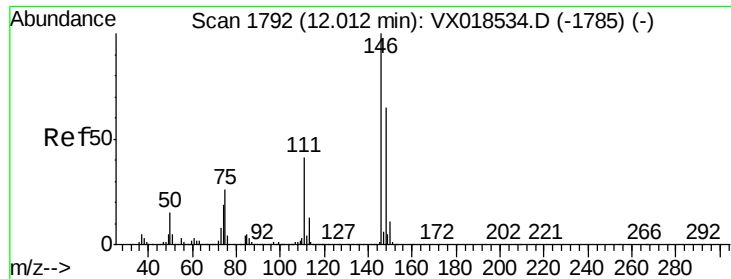
Tgt Ion:105 Resp: 8277

Ion Ratio Lower Upper

105 100

120 46.9 36.2 54.2





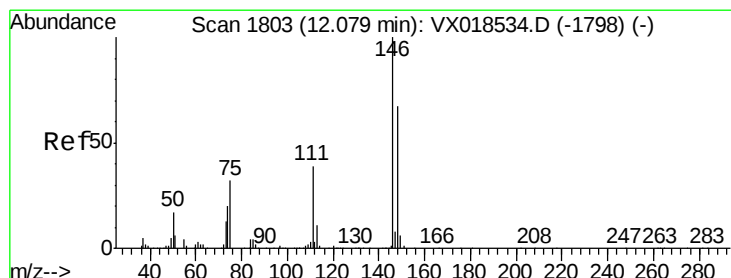
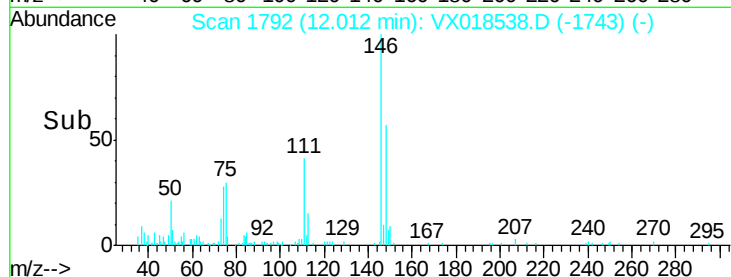
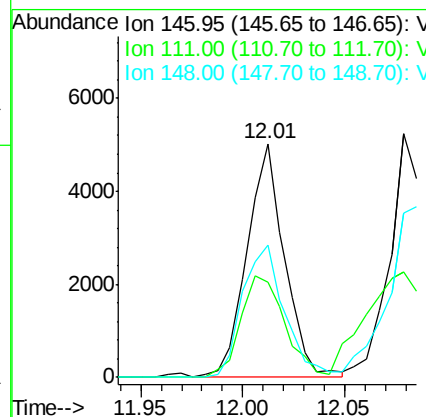
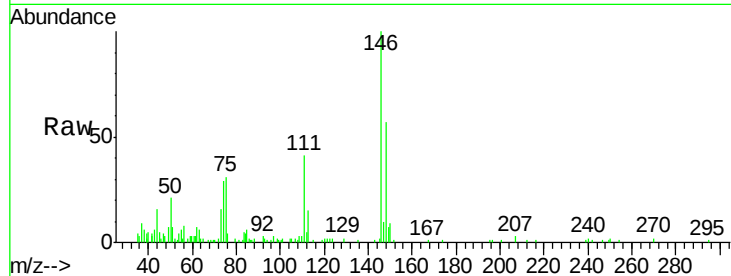
#64
 1,3-Dichlorobenzene
 Concen: 0.267 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	25.7	47.7
148	56.6	44.9	83.3

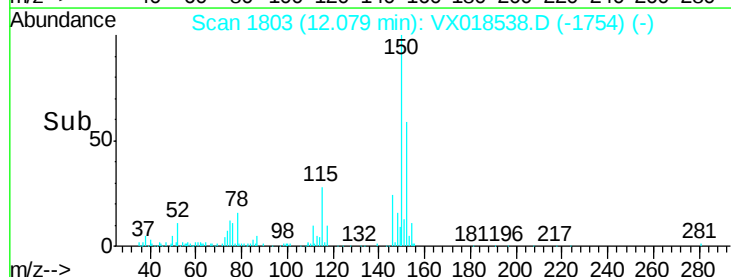
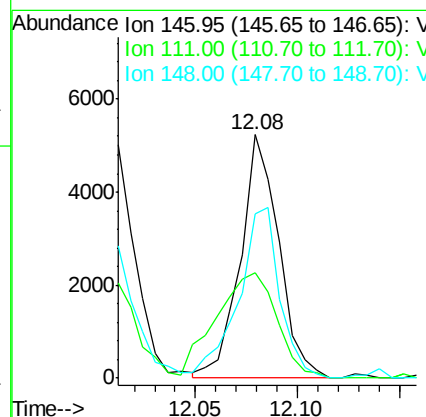
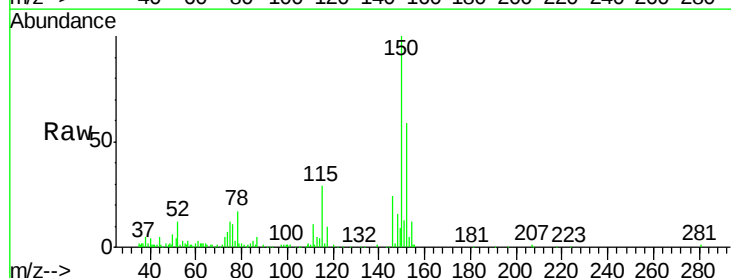
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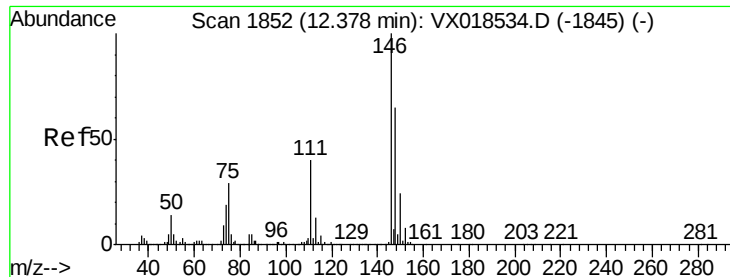
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#65
 1,4-Dichlorobenzene
 Concen: 0.278 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	27.9	51.9
148	67.6	45.0	83.6





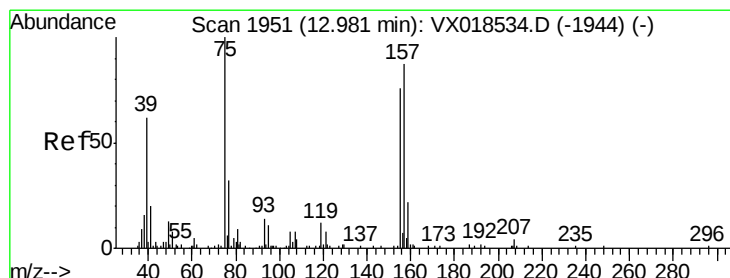
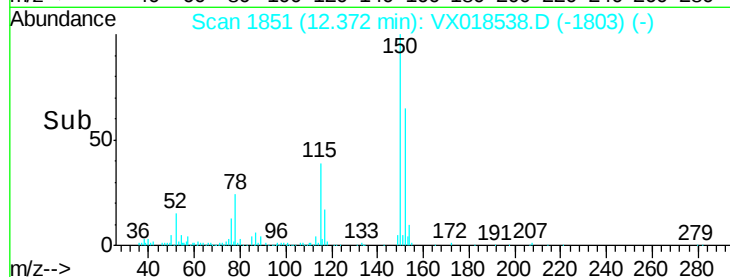
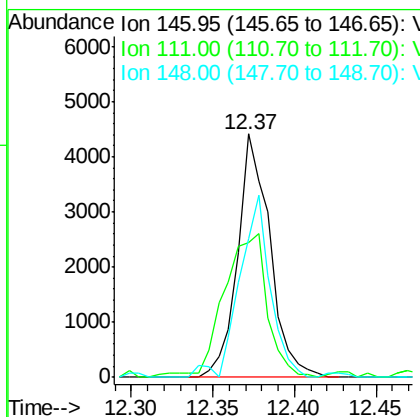
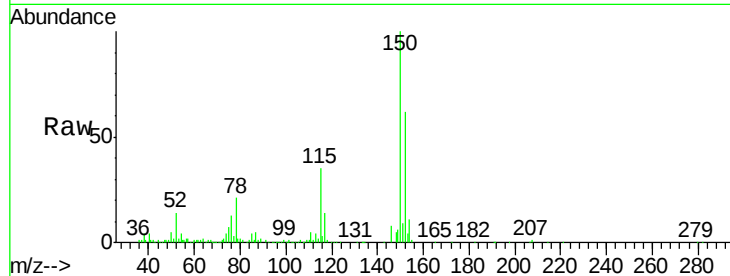
#67
 1,2-Dichlorobenzene
 Concen: 0.270 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Tot Ion	Ratio	Lower	Upper
146	100		
111	55.5	30.6	45.8#
148	56.9	53.5	80.3

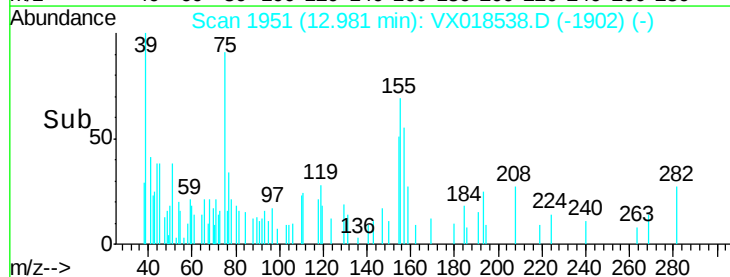
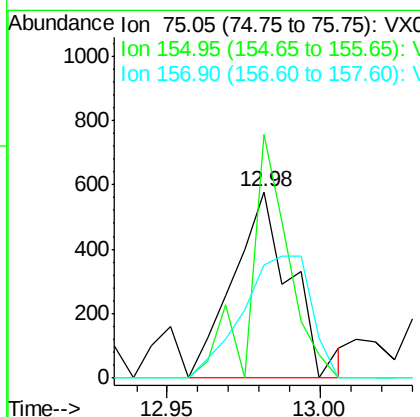
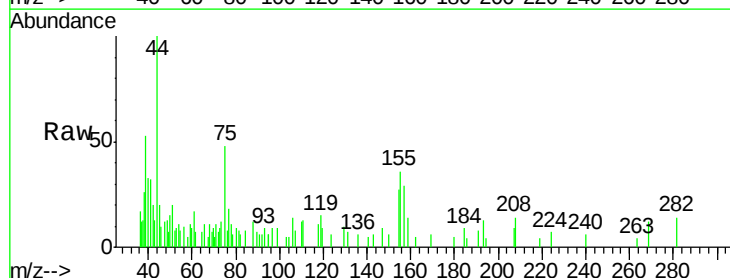
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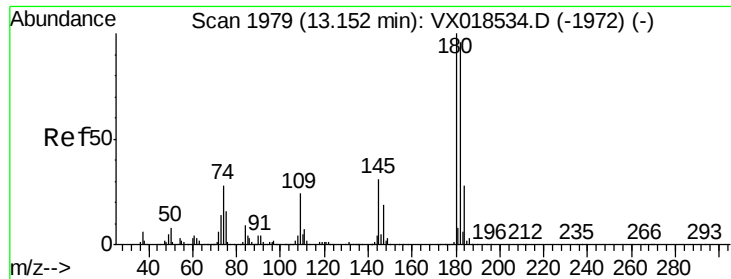
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#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.390 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	130.6	71.1	106.7#
157	60.6	83.5	125.3#





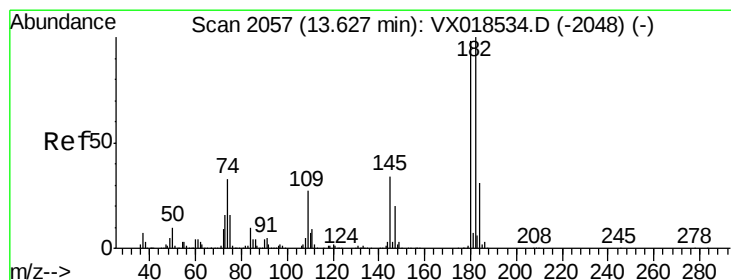
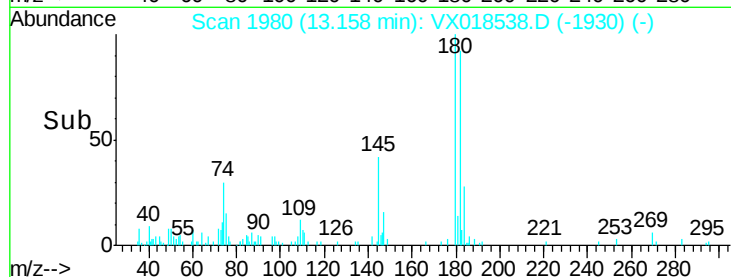
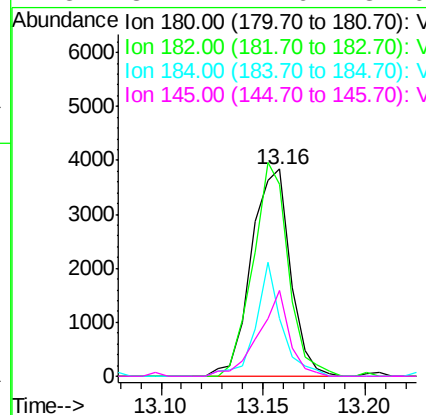
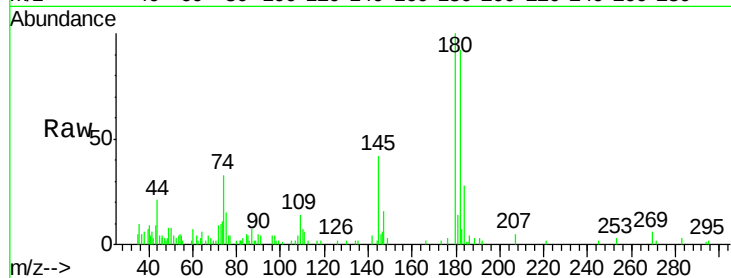
#69
 1,3,5-Trichlorobenzene
 Concen: 0.289 ug/L
 RT: 13.16 min Scan# 1980
 Delta R.T. 0.01 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Tot Ion:	180	Resp:	5120
Ion Ratio	Lower	Upper	
180	100		
182	93.5	74.3	111.5
184	36.7	24.6	37.0
145	32.7	24.6	37.0

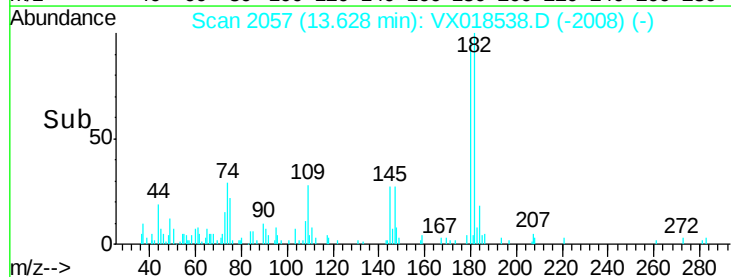
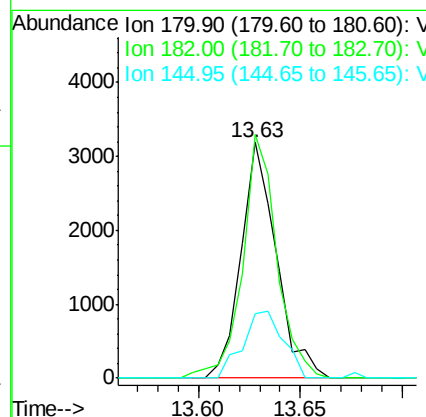
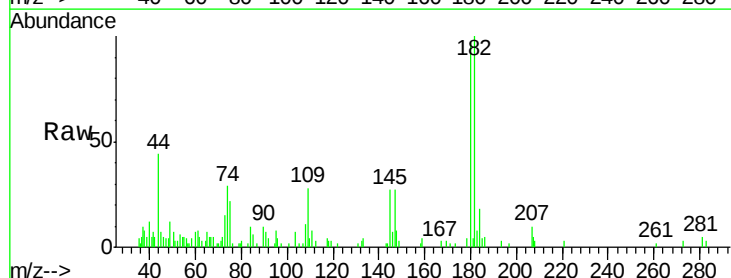
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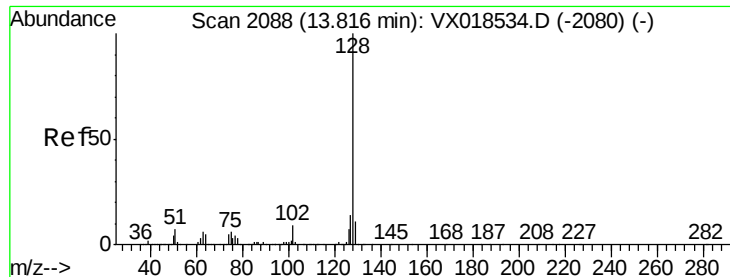
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#70
 1,2,4-trichlorobenzene
 Concen: 0.260 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018538.D
 Acq: 23 Sep 2020 14:33

Tgt Ion:	180	Resp:	3820
Ion Ratio	Lower	Upper	
180	100		
182	99.9	74.7	112.1
145	32.6	26.6	39.8





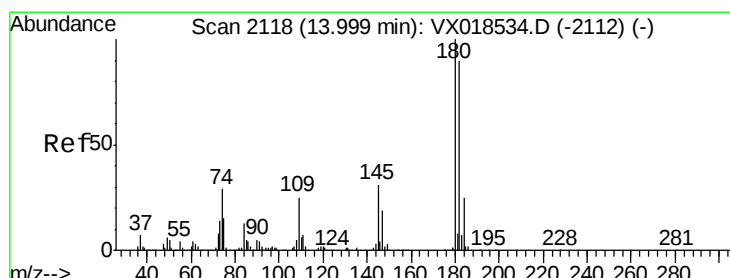
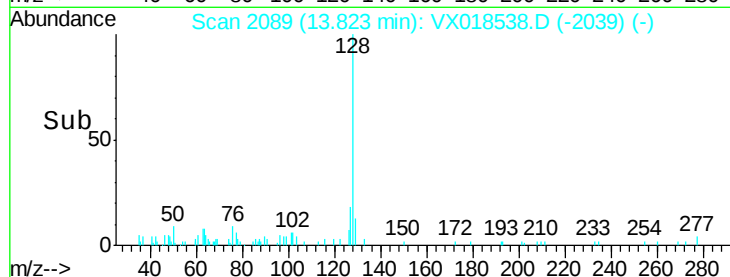
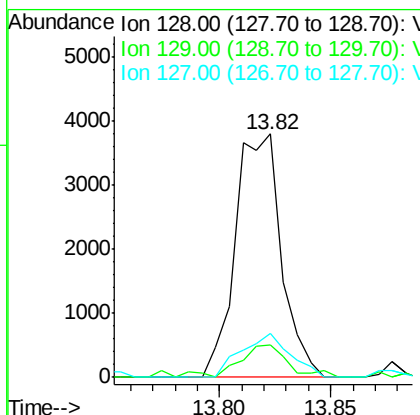
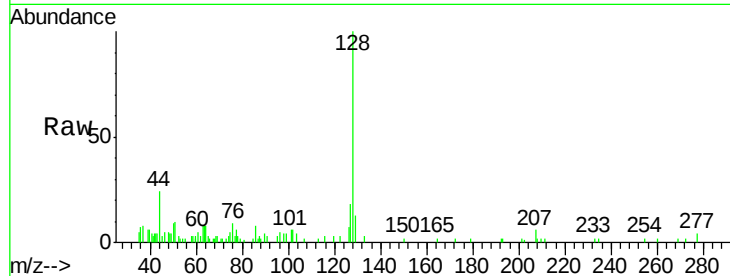
#71
Naphthalene
Concen: 0.224 ug/L
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Instrument :
MSVOA_X
ClientSampled :
MDL02

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.4	8.9	13.3#
127	19.0	10.1	15.1#

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 0.273 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018538.D
Acq: 23 Sep 2020 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	74.3	76.9	115.3#
145	39.6	27.6	41.4

