

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018481.D
 Acq On : 18 Sep 2020 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:41 AM

Quant Time: Sep 18 15:45:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	458690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	683482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	656699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	351790	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	313166	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.46	113	245639	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	8.70	98	874766	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.12	95	347346	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	224454	51.613	ug/l	98
3) Chloromethane	1.31	50	241462	47.427	ug/l	100
4) Vinyl Chloride	1.39	62	251064	46.580	ug/l	100
5) Bromomethane	1.62	94	163730	49.493	ug/l	98
6) Chloroethane	1.71	64	153853	49.875	ug/l	99
7) Trichlorofluoromethane	1.92	101	432997	52.881	ug/l	98
8) Diethyl Ether	2.17	74	134166	46.701	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222716	50.534	ug/l	99
10) Methyl Iodide	2.49	142	257238	47.450	ug/l	95
11) Tert butyl alcohol	3.01	59	268496	237.810	ug/l	99
12) 1,1-Dichloroethene	2.36	96	214468	48.281	ug/l	91
13) Acrolein	2.27	56	145137	203.019	ug/l	98
14) Allyl chloride	2.70	41	385377	44.769	ug/l	96
15) Acrylonitrile	3.11	53	612043	227.194	ug/l	99
16) Acetone	2.42	43	588689	237.222	ug/l	98
17) Carbon Disulfide	2.55	76	611689	46.108	ug/l	98
18) Methyl Acetate	2.75	43	276471	44.965	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	766347	49.145	ug/l	98
20) Methylene Chloride	2.83	84	243605	44.491	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	238605	46.218	ug/l	97
22) Diisopropyl ether	3.82	45	759157	46.918	ug/l	91
23) Vinyl Acetate	3.78	43	3412560	238.010	ug/l	100
24) 1,1-Dichloroethane	3.67	63	434131	46.523	ug/l	99
25) 2-Butanone	4.63	43	887501	229.655	ug/l	98
26) 2,2-Dichloropropane	4.55	77	418558	48.546	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	266085	45.984	ug/l	99
28) Bromochloromethane	4.98	49	215322	49.311	ug/l	97
29) Tetrahydrofuran	5.09	42	542764	222.834	ug/l	98
30) Chloroform	5.17	83	462028	48.799	ug/l	97
31) Cyclohexane	5.55	56	368574	46.936	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	438439	49.361	ug/l	99
36) 1,1-Dichloropropene	5.76	75	339839	51.228	ug/l	99
37) Ethyl Acetate	4.79	43	336521	47.504	ug/l	99
38) Carbon Tetrachloride	5.75	117	411358	55.989	ug/l	94

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	381039	51.125	ug/l	96
40) Benzene	6.11	78	942692	49.585	ug/l	100
41) Methacrylonitrile	5.00	41	184949	46.985	ug/l	99
42) 1,2-Dichloroethane	6.16	62	388122	52.475	ug/l	98
43) Isopropyl Acetate	6.41	43	562370	47.839	ug/l	99
44) Trichloroethene	7.19	130	276919	50.315	ug/l	95
45) 1,2-Dichloropropane	7.49	63	249041	47.725	ug/l	100
46) Dibromomethane	7.63	93	179564	50.086	ug/l	99
47) Bromodichloromethane	7.87	83	376998	52.178	ug/l	98
48) Methyl methacrylate	7.74	41	283851	49.608	ug/l	99
49) 1,4-Dioxane	7.71	88	111009	1174.149	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1729686	247.119	ug/l	99
52) Toluene	8.76	92	602767	50.383	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	424878	51.752	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	433179	51.216	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	249706	50.300	ug/l	97
56) Ethyl methacrylate	9.16	69	376247	51.114	ug/l	98
57) 1,3-Dichloropropane	9.35	76	416025	49.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	993963	253.981	ug/l	98
59) 2-Hexanone	9.47	43	1359442	255.351	ug/l	99
60) Dibromochloromethane	9.56	129	320016	54.062	ug/l	97
61) 1,2-Dibromoethane	9.65	107	276959	52.435	ug/l	98
64) Tetrachloroethene	9.32	164	261001	50.483	ug/l	95
65) Chlorobenzene	10.12	112	681801	50.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	276485	50.969	ug/l	99
67) Ethyl Benzene	10.23	91	1217609	52.022	ug/l	98
68) m/p-Xylenes	10.34	106	916537	103.517	ug/l	97
69) o-Xylene	10.68	106	436479	52.060	ug/l	100
70) Styrene	10.70	104	775996	53.603	ug/l	98
71) Bromoform	10.84	173	245190	53.833	ug/l #	97
73) Isopropylbenzene	11.00	105	1223527	52.063	ug/l	100
74) N-amyl acetate	10.88	43	510103	48.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	366178	47.074	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	362292m	49.007	ug/l	
77) Bromobenzene	11.24	156	321467	49.576	ug/l	99
78) n-propylbenzene	11.34	91	1431524	52.040	ug/l	100
79) 2-Chlorotoluene	11.40	91	844065	50.691	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1076413	53.557	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	141102	48.910	ug/l	97
82) 4-Chlorotoluene	11.49	91	1028194	51.946	ug/l	100
83) tert-Butylbenzene	11.76	119	1036297	53.106	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1088313	53.768	ug/l	98
85) sec-Butylbenzene	11.93	105	1204257	52.303	ug/l	100
86) p-Isopropyltoluene	12.05	119	1153545	54.514	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	592746	50.841	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	602650	50.980	ug/l	99
89) n-Butylbenzene	12.37	91	1027396	52.446	ug/l	99
90) Hexachloroethane	12.58	117	217743	51.543	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	542486	49.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92461	48.963	ug/l	94

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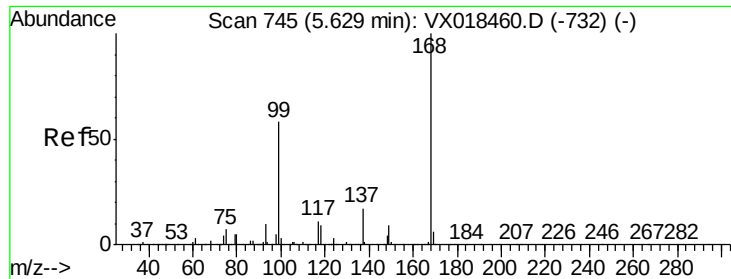
Manual Integrations
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QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	382406	50.352	ug/l	97
94) Hexachlorobutadiene	13.77	225	164143	51.505	ug/l	97
95) Naphthalene	13.82	128	1159417	50.550	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369622	50.925	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 458690

Ion Ratio Lower Upper

168 100

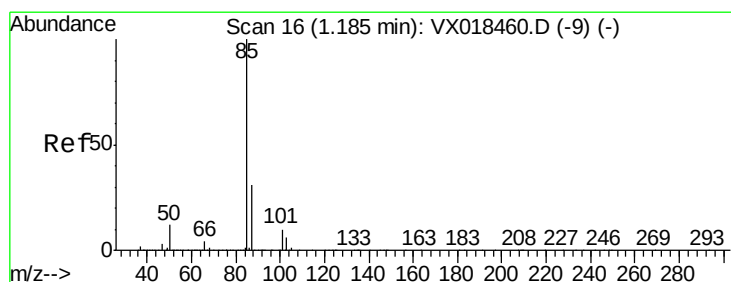
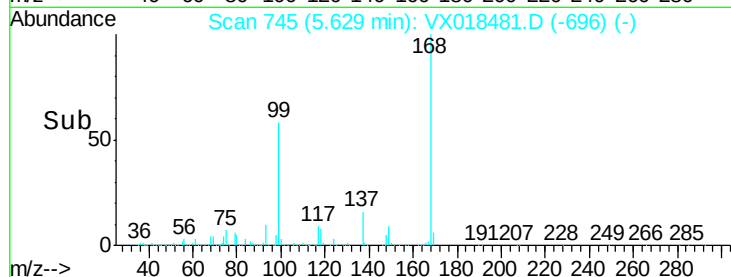
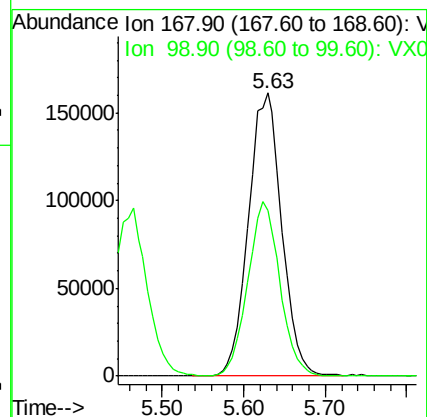
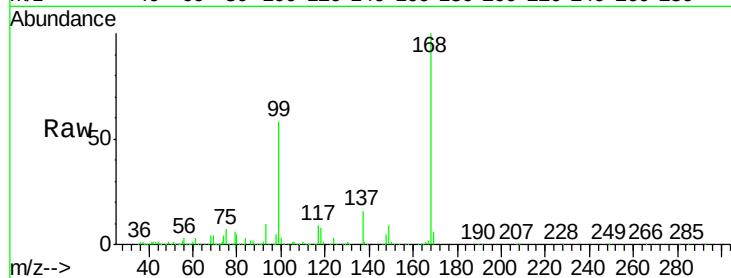
99 58.2 46.5 69.7

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#2

Dichlorodifluoromethane

Concen: 51.613 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018481.D

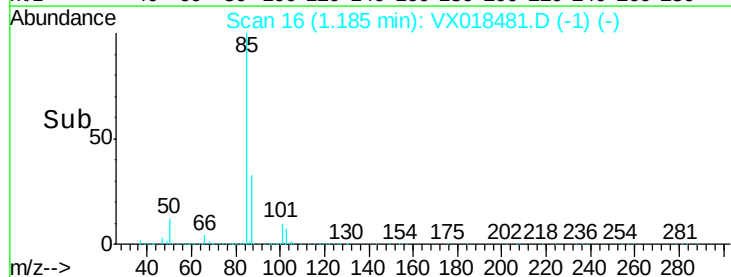
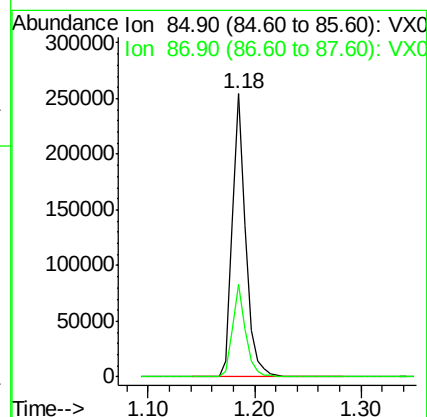
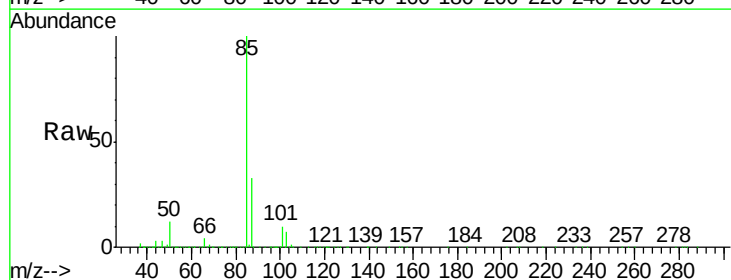
Acq: 18 Sep 2020 10:28

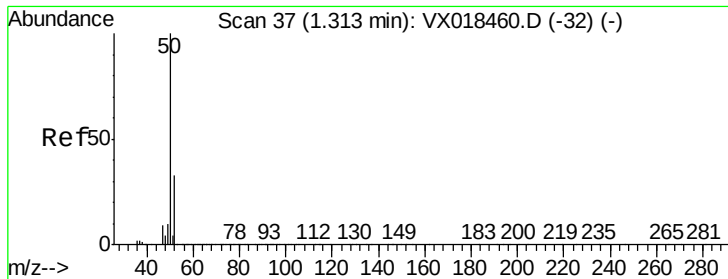
Tgt Ion: 85 Resp: 224454

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1





#3

Chloromethane

Concen: 47.427 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 241462

Ion Ratio Lower Upper

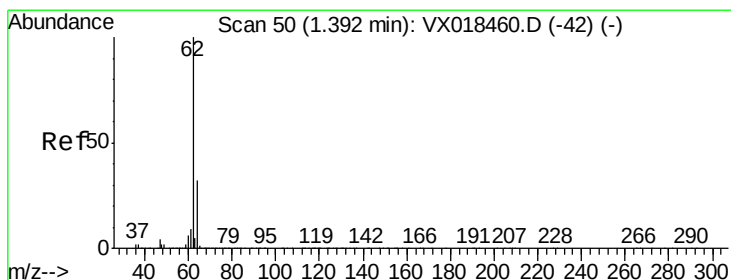
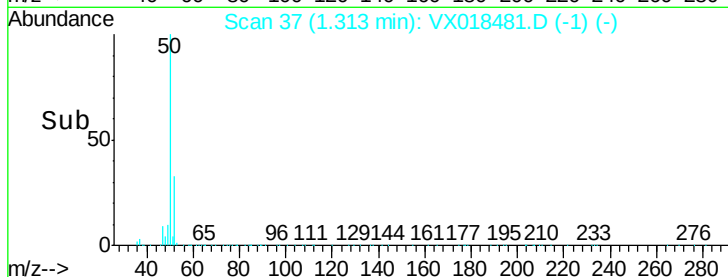
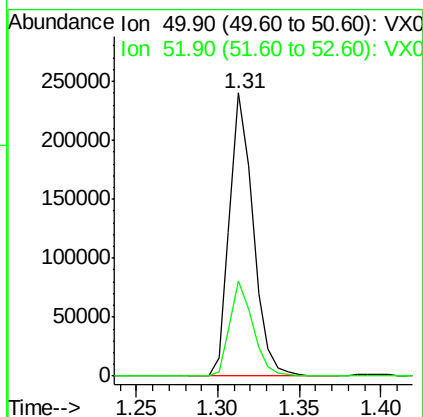
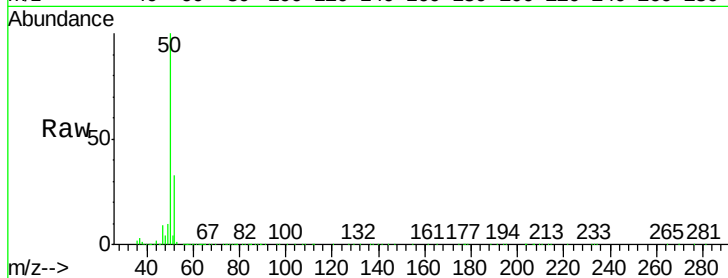
50 100

52 33.4 26.6 40.0

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#4

Vinyl Chloride

Concen: 46.580 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018481.D

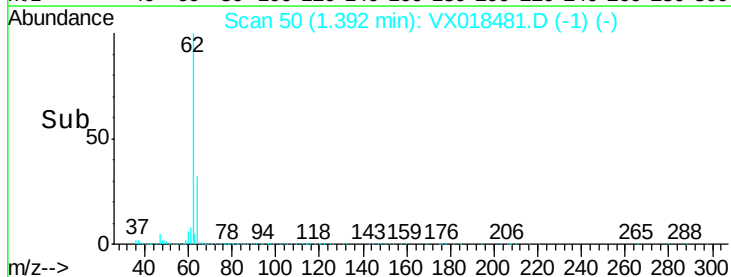
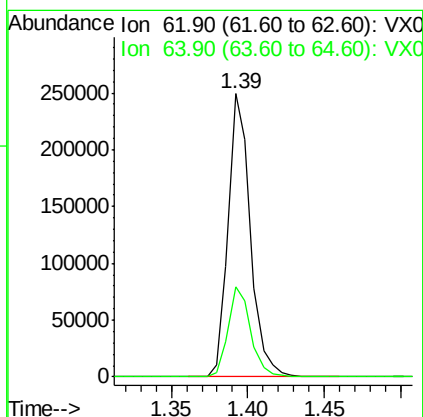
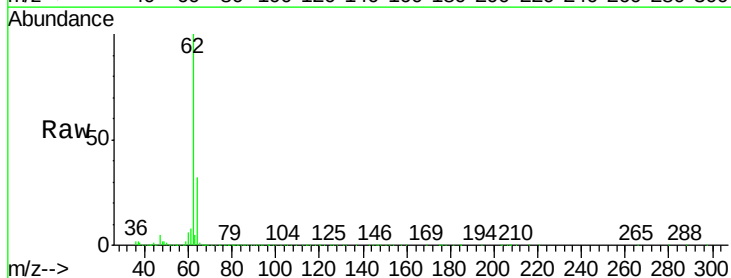
Acq: 18 Sep 2020 10:28

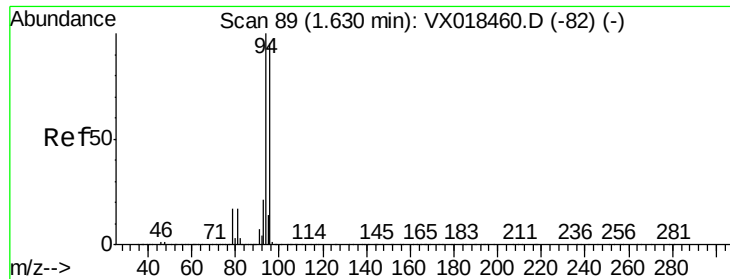
Tgt Ion: 62 Resp: 251064

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 49.493 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 163730

Ion Ratio Lower Upper

94 100

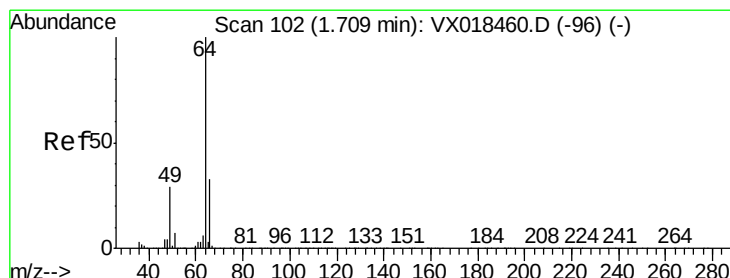
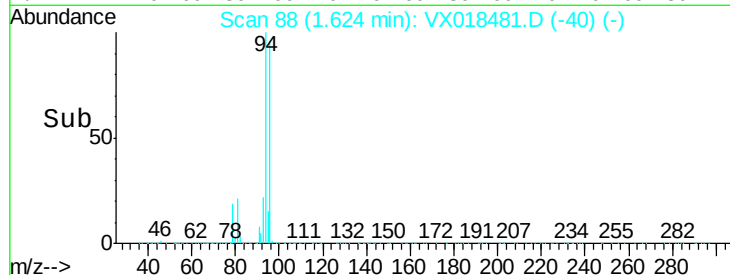
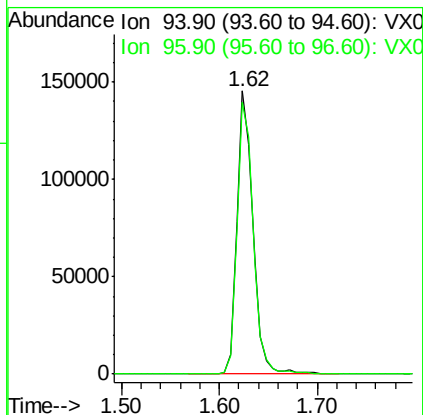
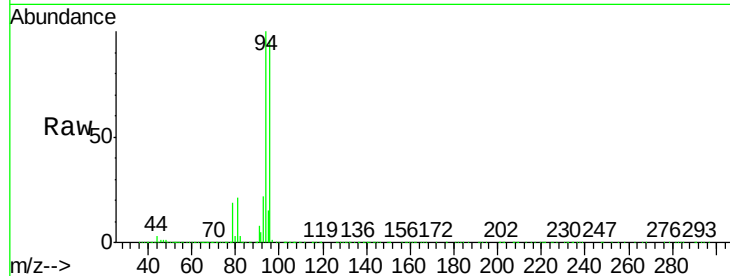
96 96.2 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 49.875 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018481.D

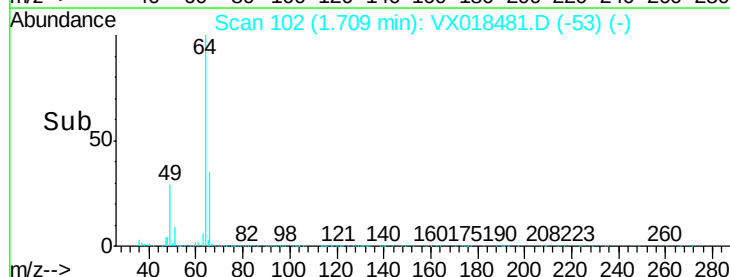
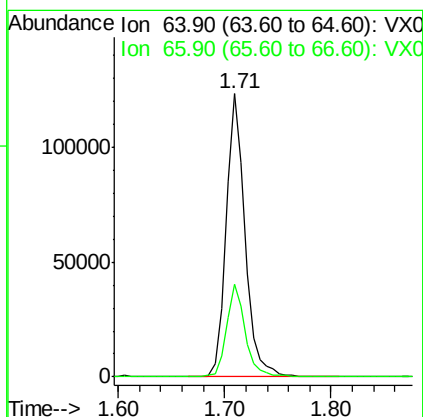
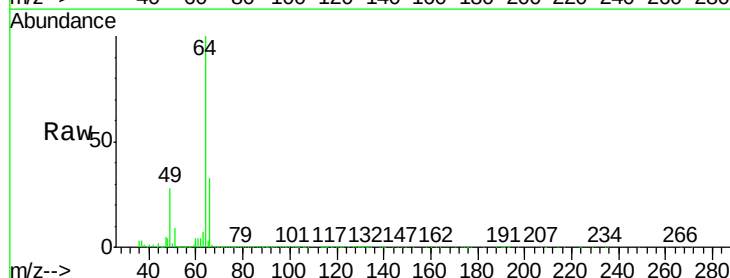
Acq: 18 Sep 2020 10:28

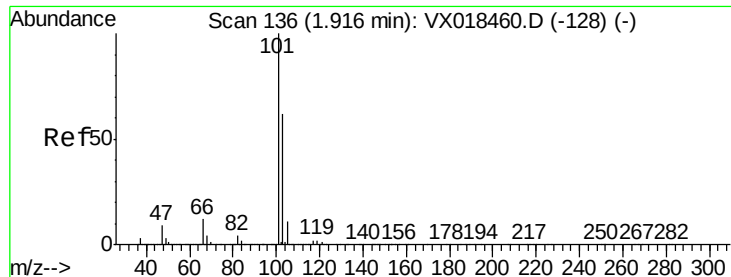
Tgt Ion: 64 Resp: 153853

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4





#7

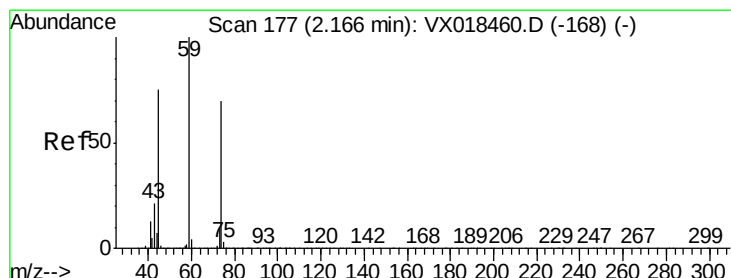
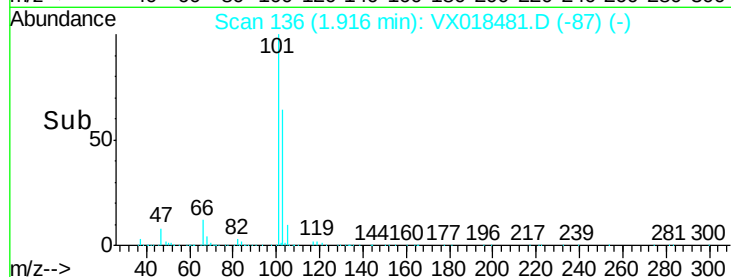
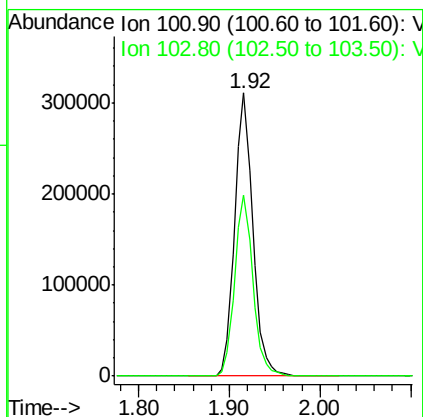
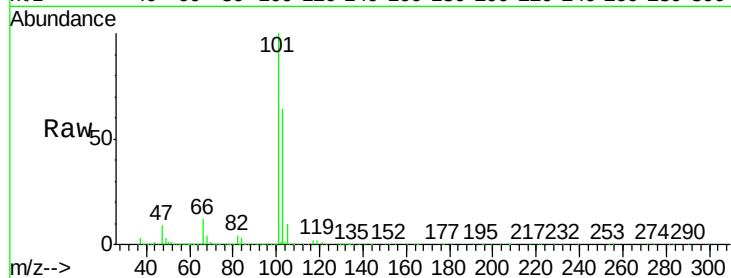
Trichlorofluoromethane
Concen: 52.881 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	49.6	74.4

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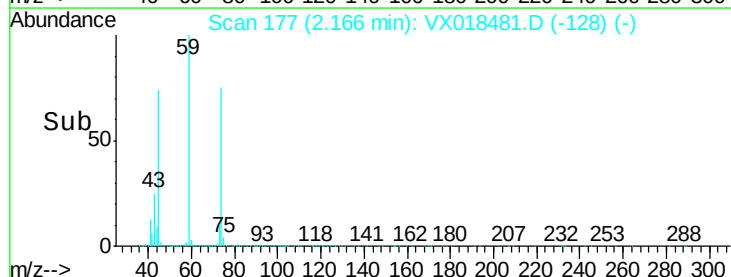
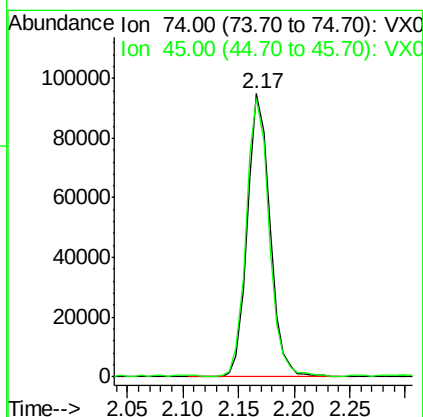
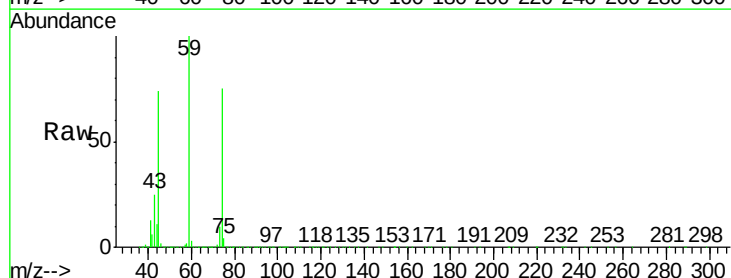
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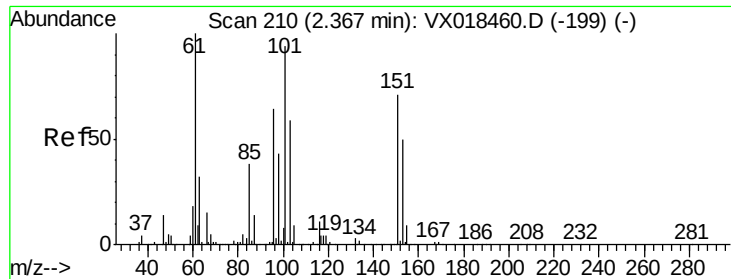


#8

Diethyl Ether
Concen: 46.701 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.534 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

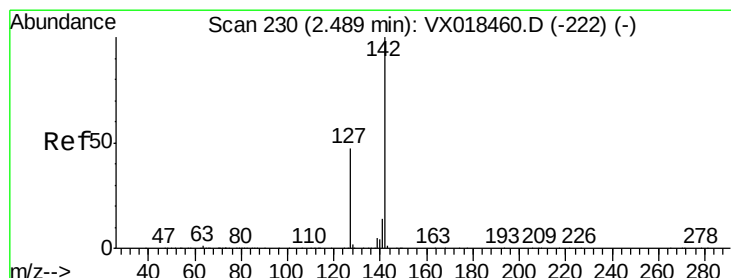
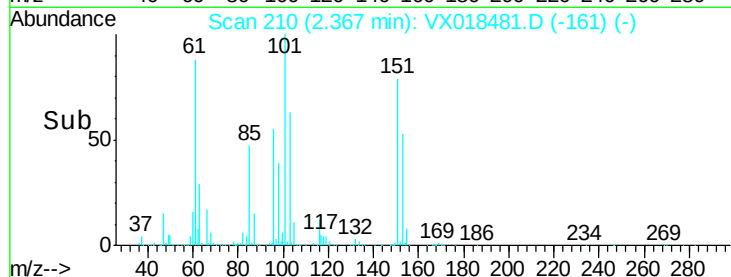
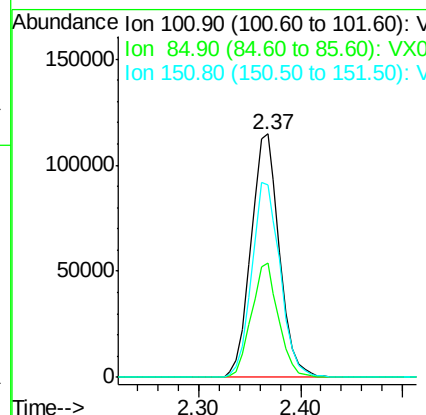
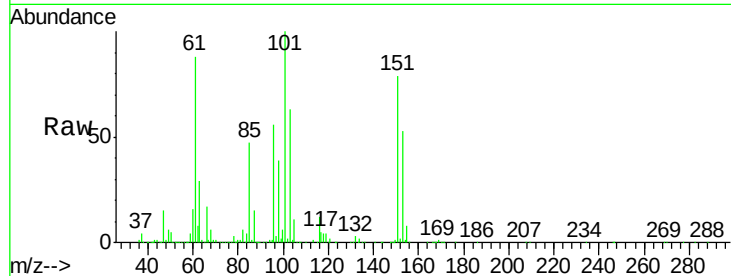
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	222716
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.7	52.1
151	80.3	64.9	97.3

Manual Integrations
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9/21/2020 11:50:41 AM



#10

Methyl Iodide

Concen: 47.450 ug/l

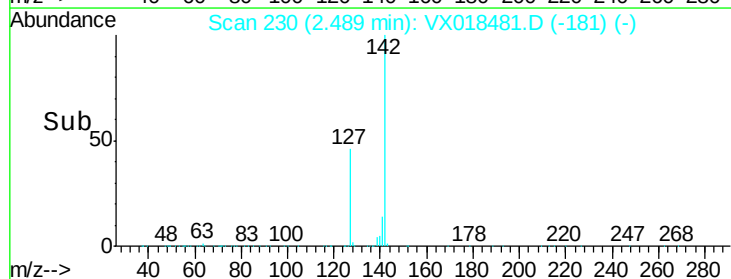
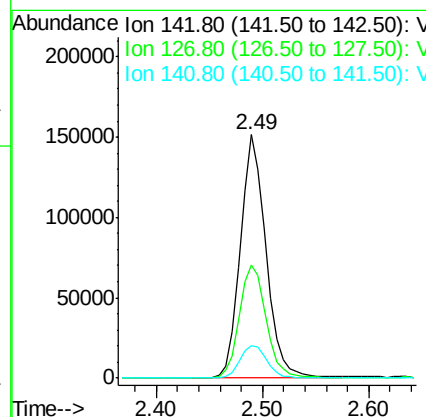
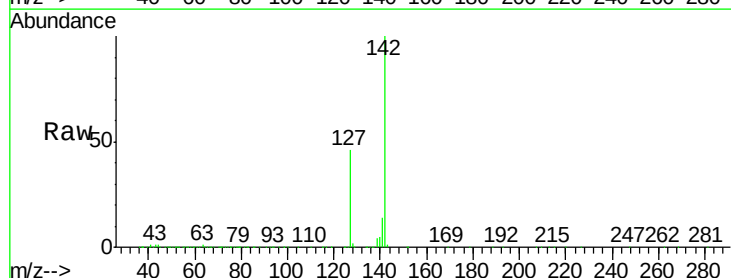
RT: 2.49 min Scan# 230

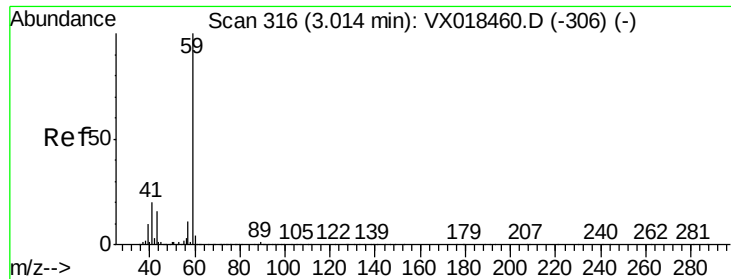
Delta R.T. 0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	142	Resp:	257238
Ion Ratio	Lower	Upper	
142	100		
127	48.7	36.0	54.0
141	14.3	11.9	17.9





#11

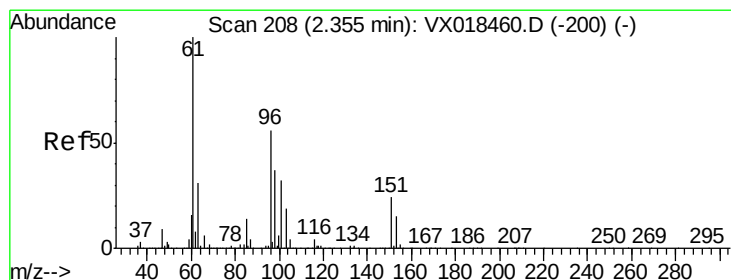
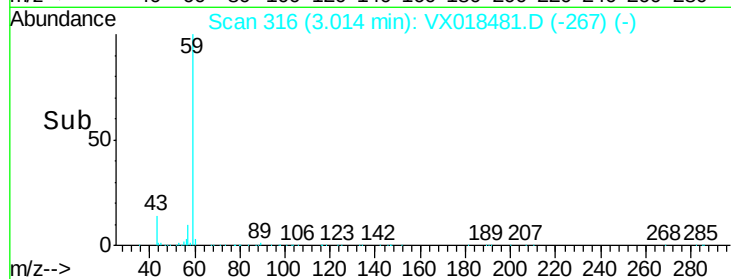
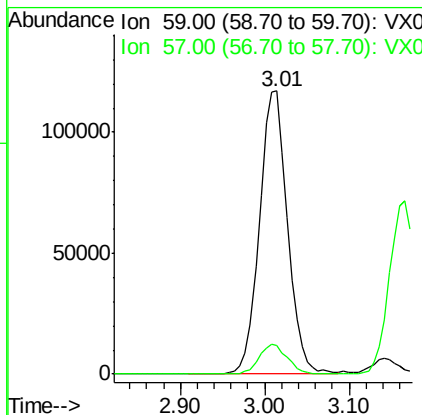
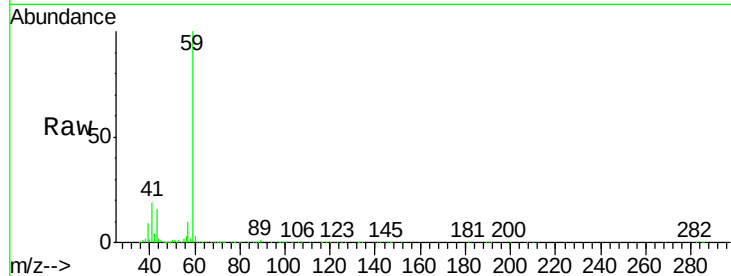
Tert butyl alcohol
Concen: 237.810 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

Manual Integrations
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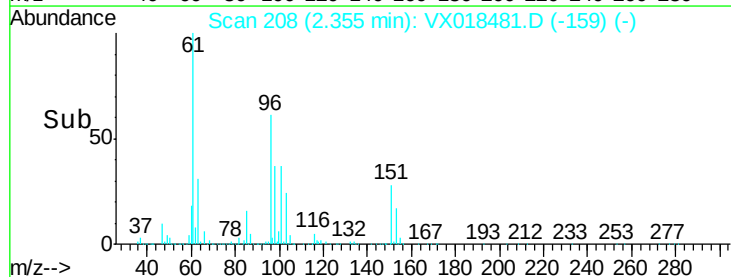
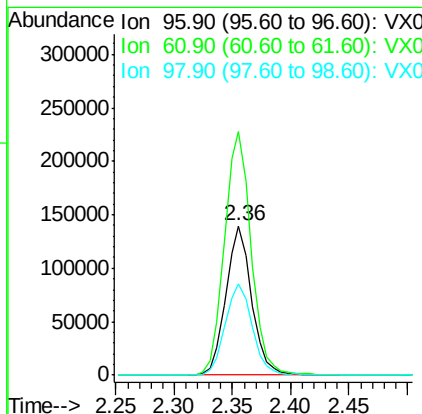
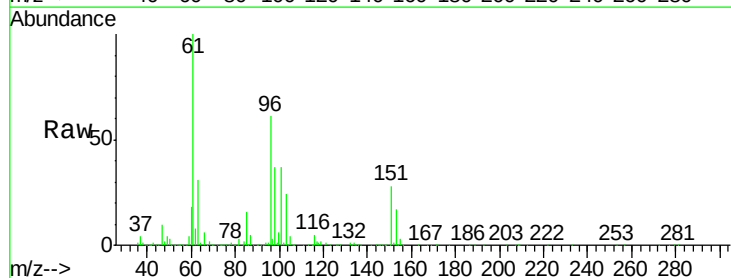
MMDadoda
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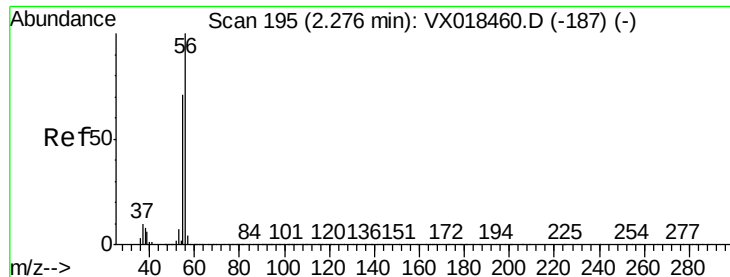


#12

1,1-Dichloroethene
Concen: 48.281 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	142.2	213.4
98	61.1	52.4	78.6





#13

Acrolein

Concen: 203.019 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 145137

Ion Ratio Lower Upper

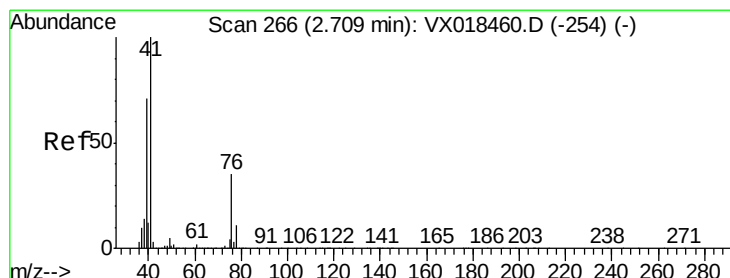
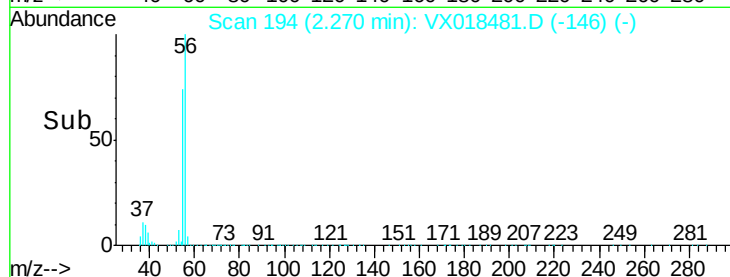
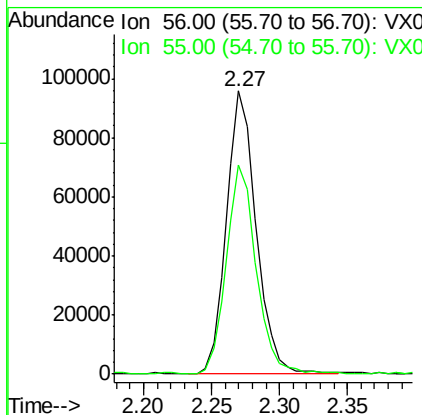
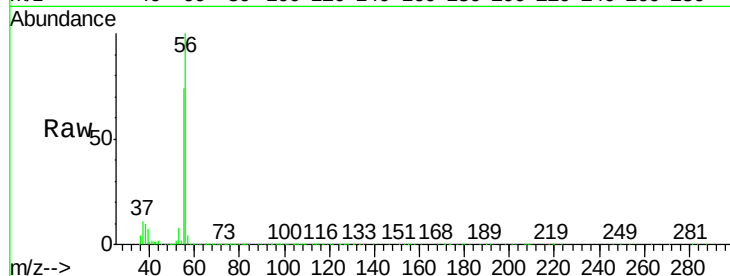
56 100

55 74.3 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 44.769 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

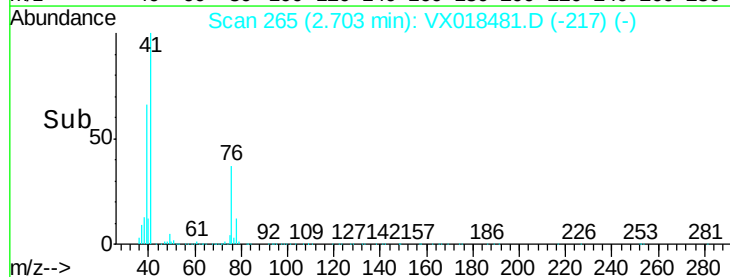
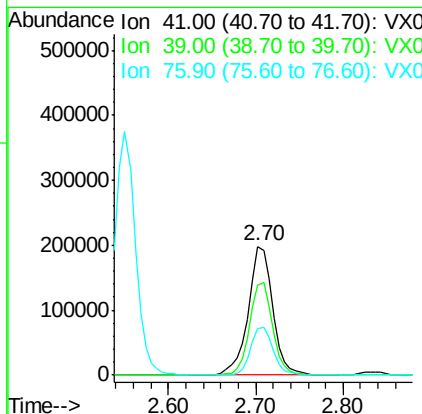
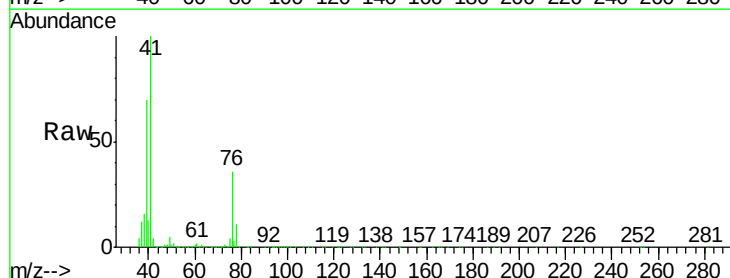
Tgt Ion: 41 Resp: 385377

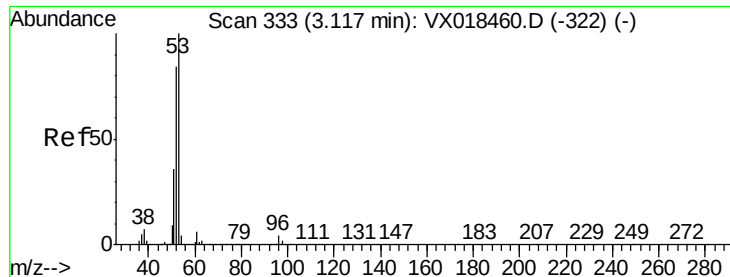
Ion Ratio Lower Upper

41 100

39 67.3 51.1 76.7

76 33.8 26.0 39.0





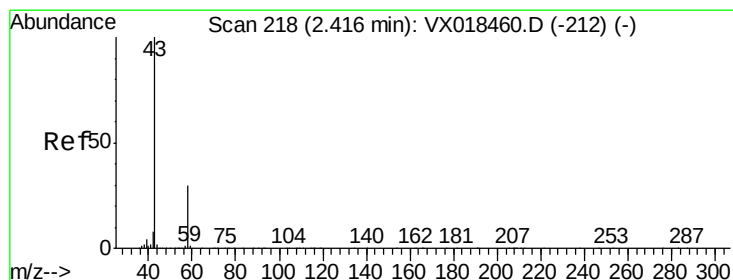
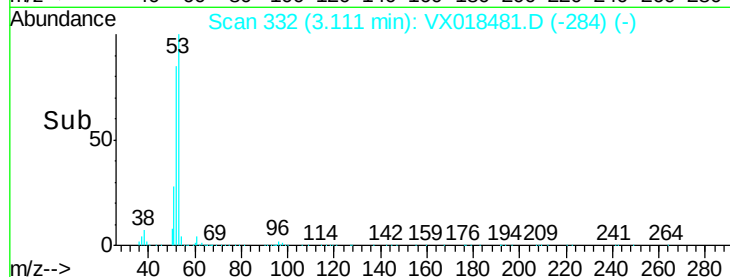
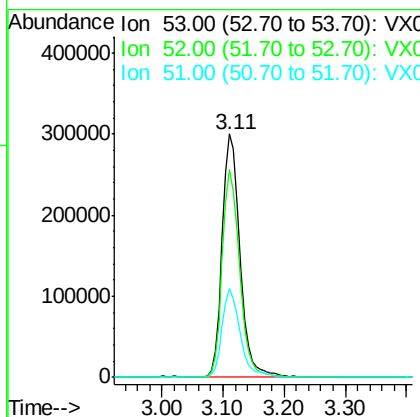
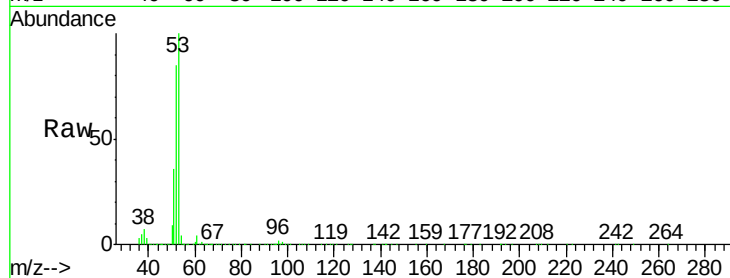
#15
 Acrylonitrile
 Concen: 227.194 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	612043
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.8	98.8
51	36.7	29.2	43.8

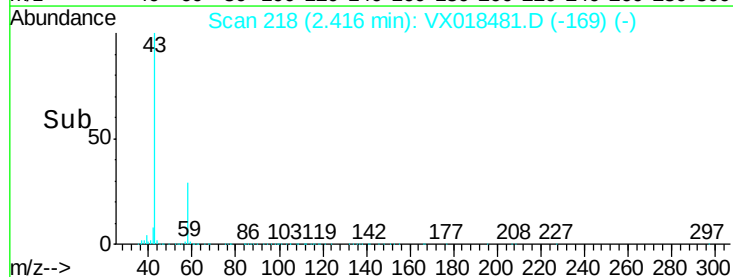
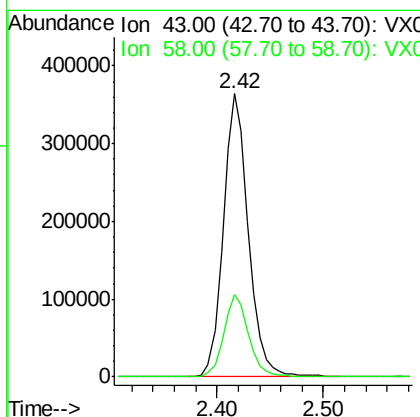
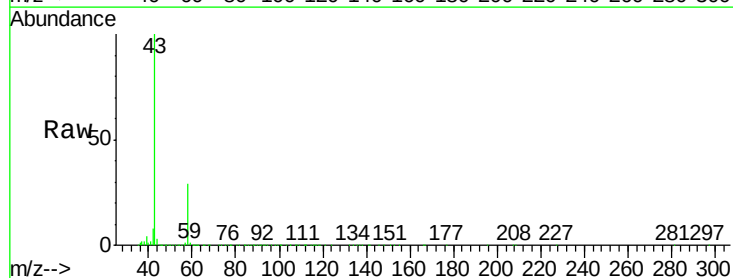
Manual Integrations
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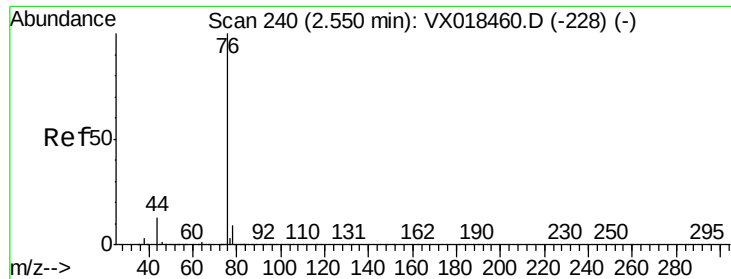
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#16
 Acetone
 Concen: 237.222 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Tgt Ion:	43	Resp:	588689
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.0	36.0





#17

Carbon Disulfide

Concen: 46.108 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 611689

Ion Ratio Lower Upper

76 100

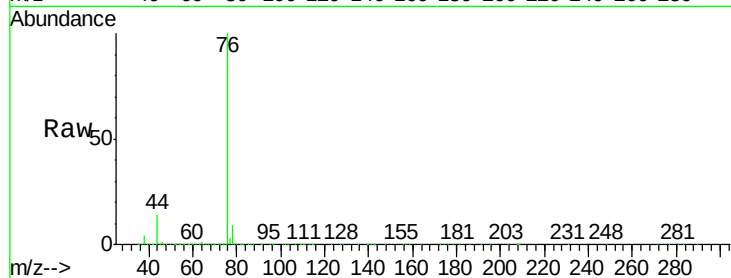
78 9.4 7.0 10.4

Manual Integrations

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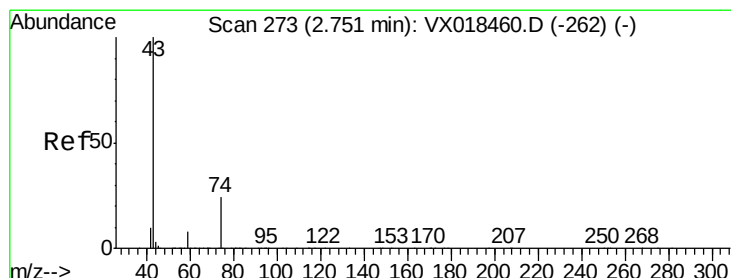
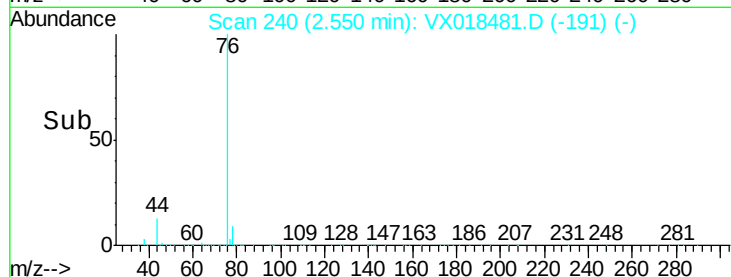
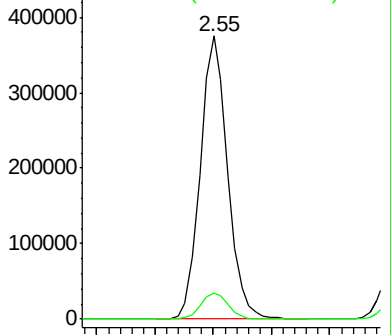
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.965 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018481.D

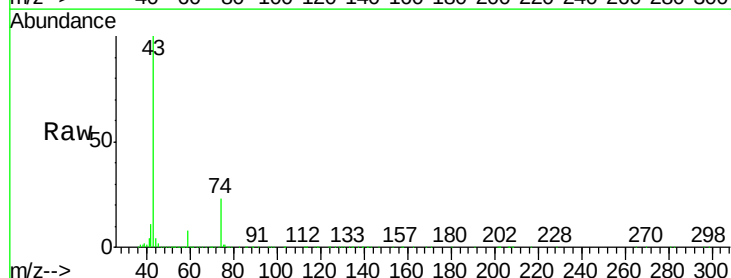
Acq: 18 Sep 2020 10:28

Tgt Ion: 43 Resp: 276471

Ion Ratio Lower Upper

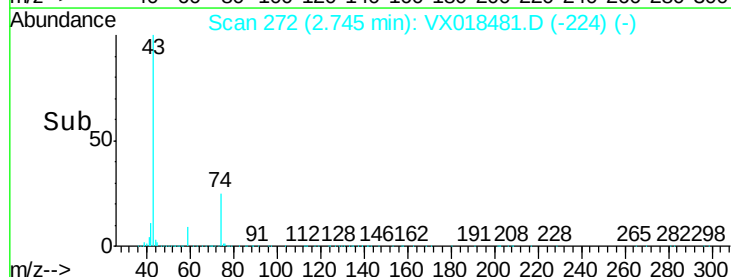
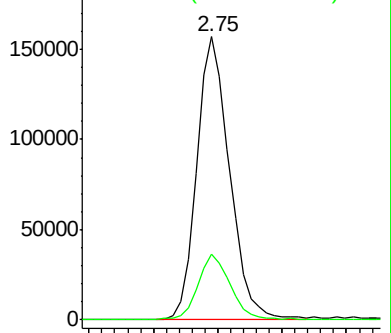
43 100

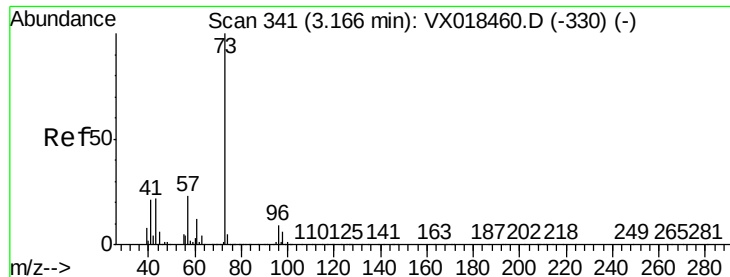
74 23.5 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





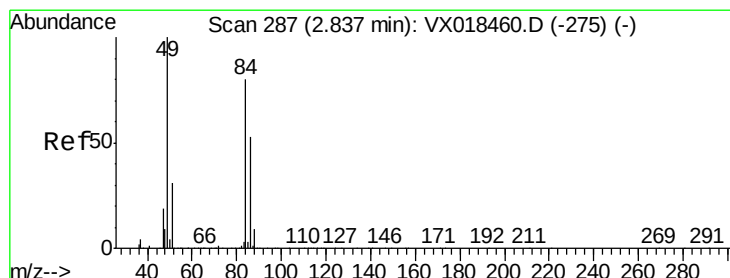
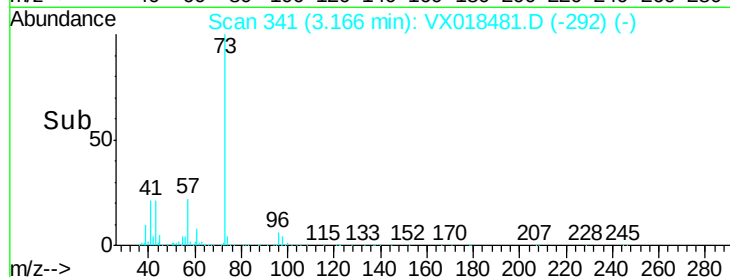
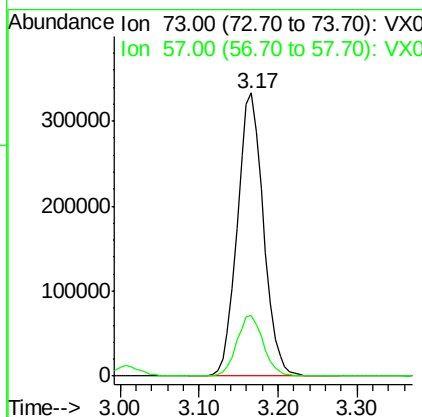
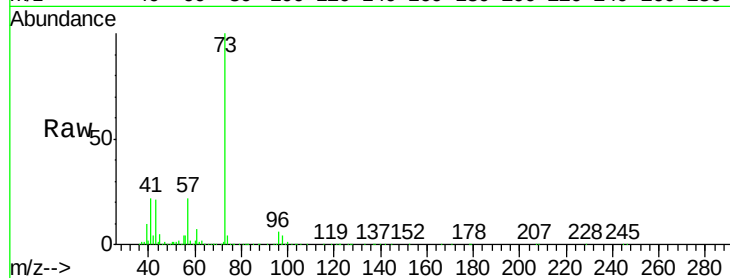
#19
Methyl tert-butyl Ether
Concen: 49.145 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.0	27.0

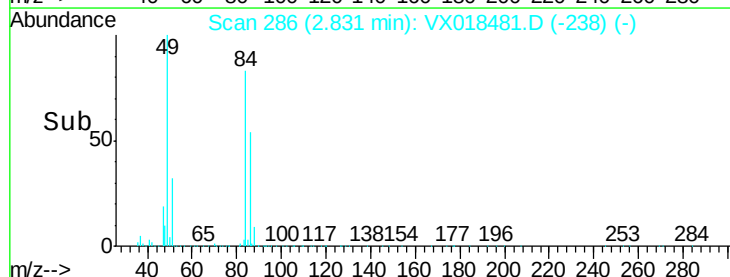
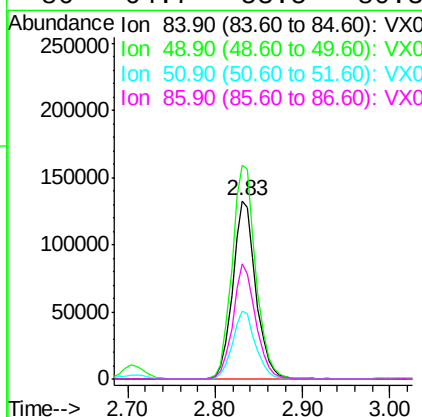
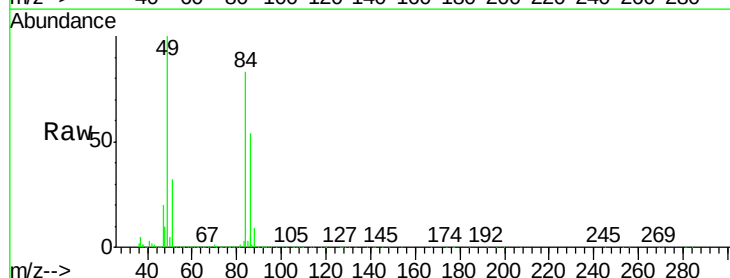
Manual Integrations
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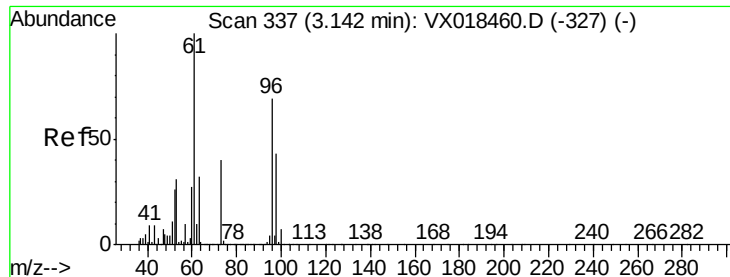
MMDadoda
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#20
Methylene Chloride
Concen: 44.491 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	100.6	151.0
51	37.6	30.9	46.3
86	64.7	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 46.218 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

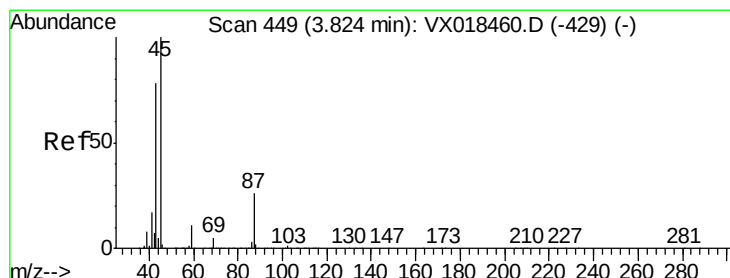
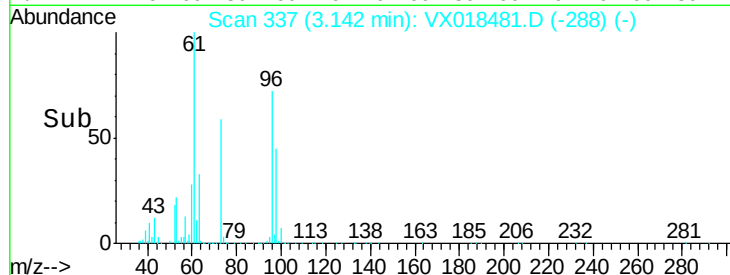
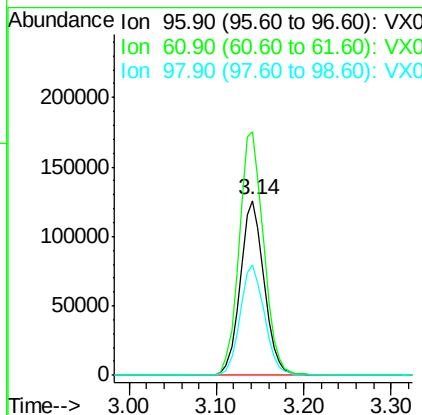
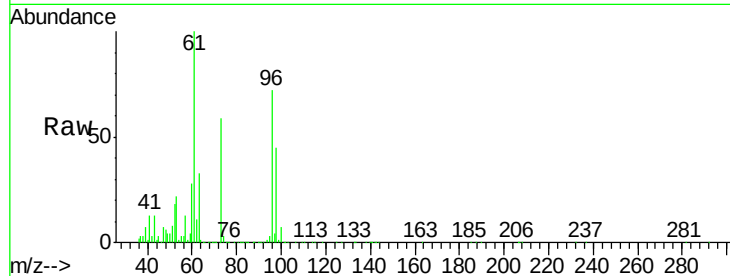
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	238605
Ion Ratio	Lower	Upper	
96	100		
61	139.1	115.6	173.4
98	62.8	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.918 ug/l

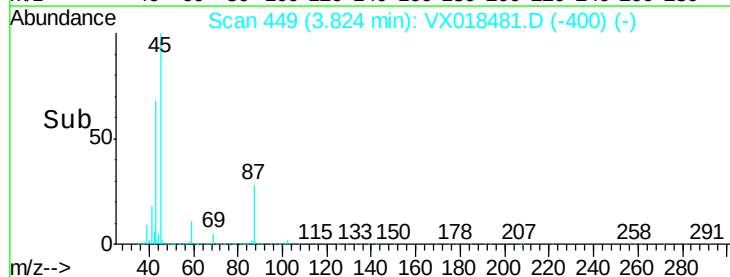
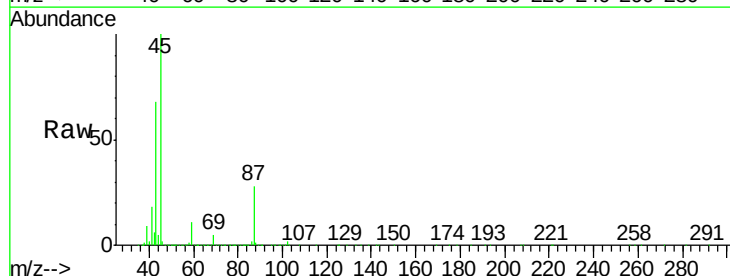
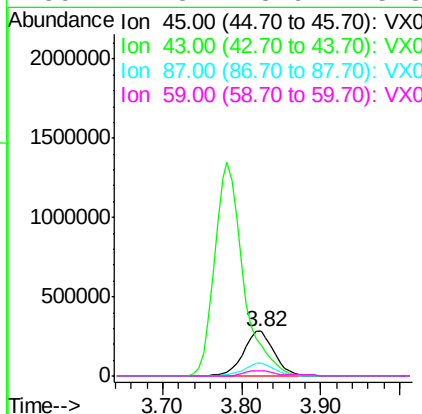
RT: 3.82 min Scan# 449

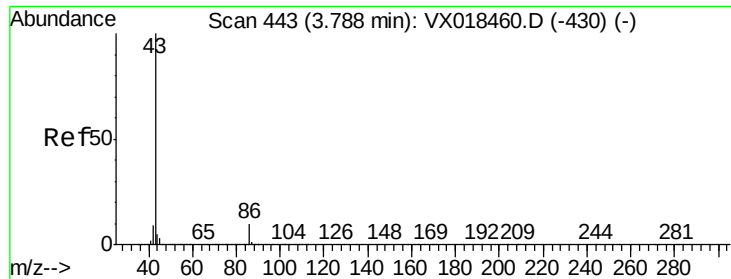
Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	45	Resp:	759157
Ion Ratio	Lower	Upper	
45	100		
43	67.3	62.4	93.6
87	28.4	21.2	31.8
59	11.3	8.9	13.3





#23

Vinyl Acetate

Concen: 238.010 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3412560

Ion Ratio Lower Upper

43 100

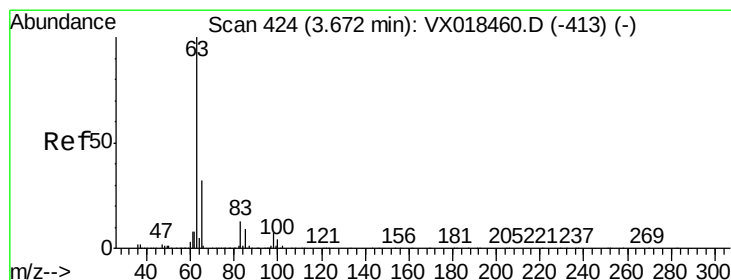
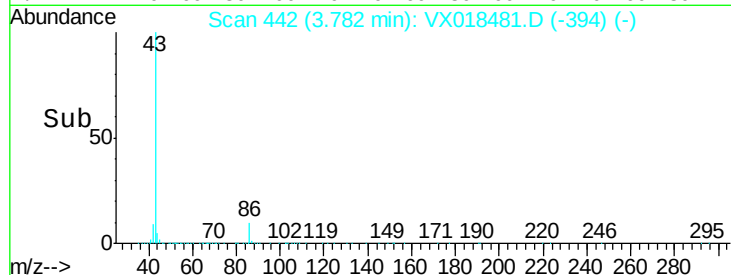
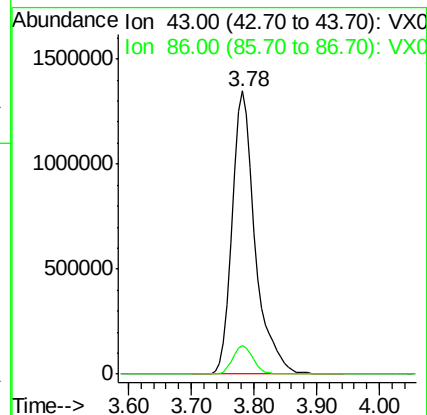
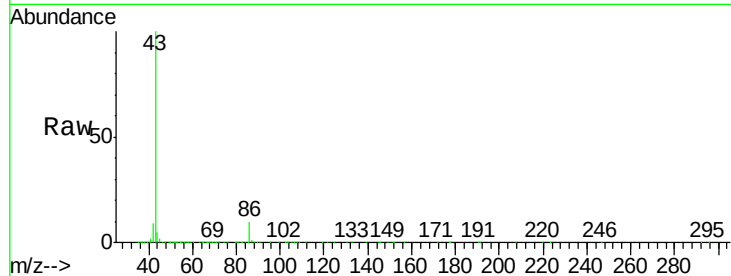
86 10.1 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.523 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

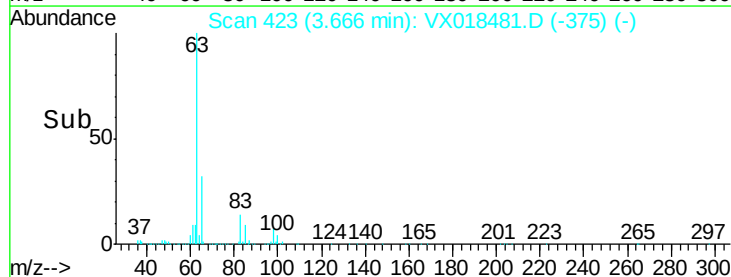
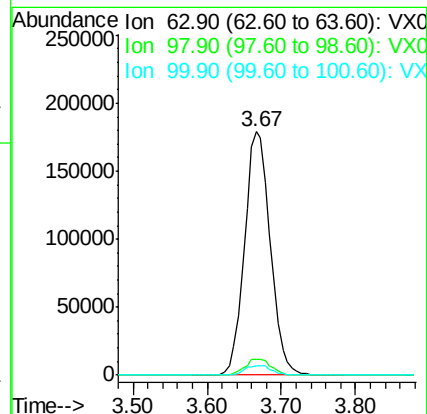
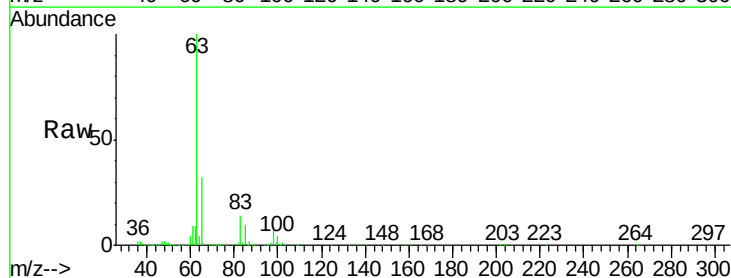
Tgt Ion: 63 Resp: 434131

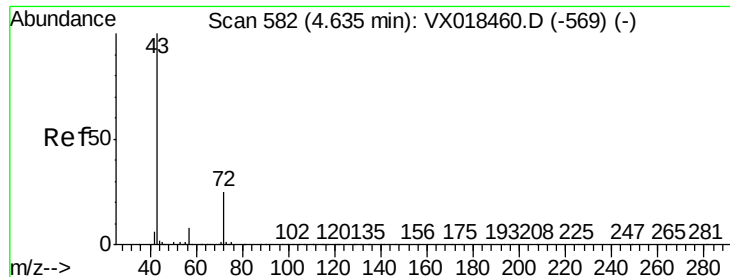
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 229.655 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tot Ion: 43 Resp: 887501

Ion Ratio Lower Upper

43 100

72 26.3 20.2 30.4

Instrument :

MSVOA_X

ClientSampleId :

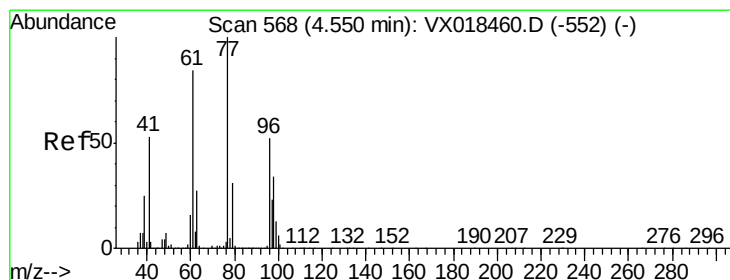
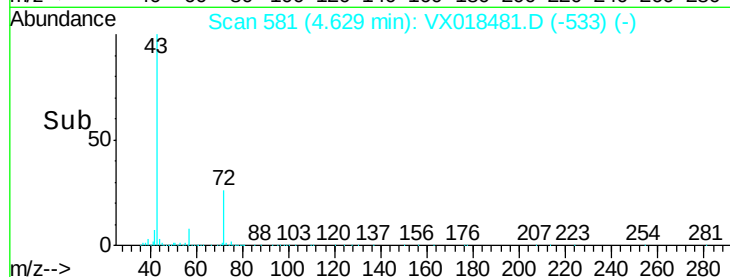
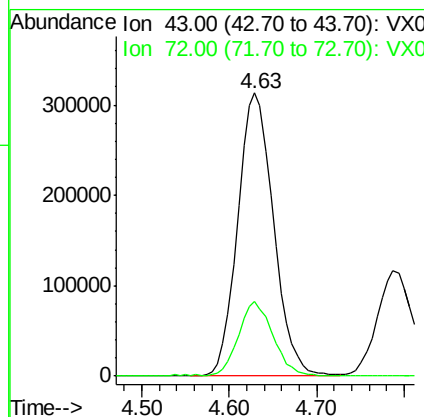
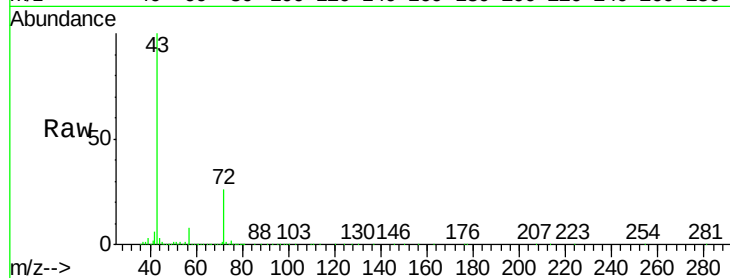
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.546 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018481.D

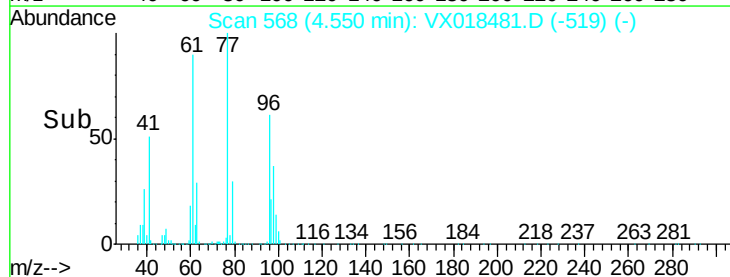
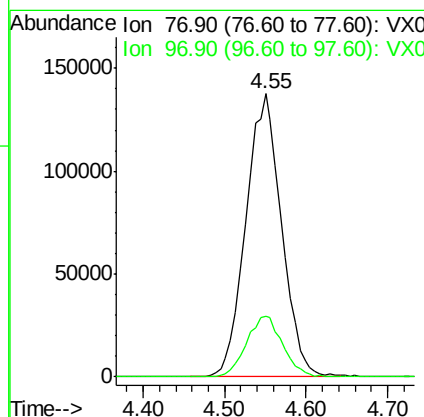
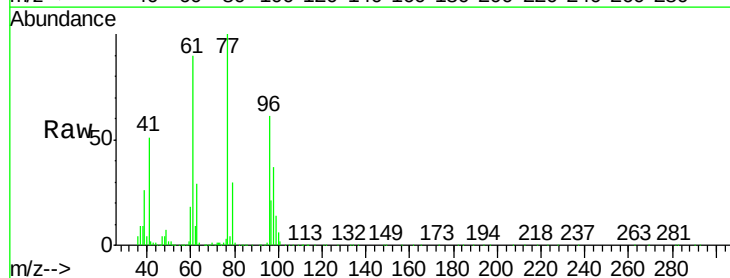
Acq: 18 Sep 2020 10:28

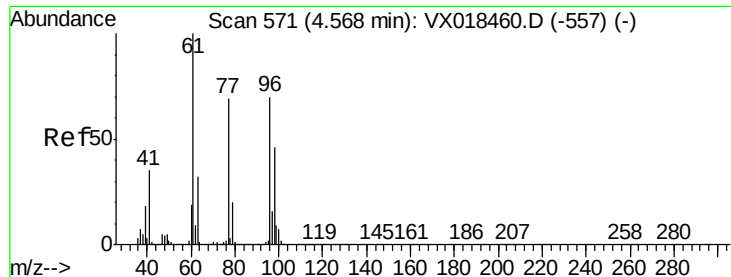
Tgt Ion: 77 Resp: 418558

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.5





#27

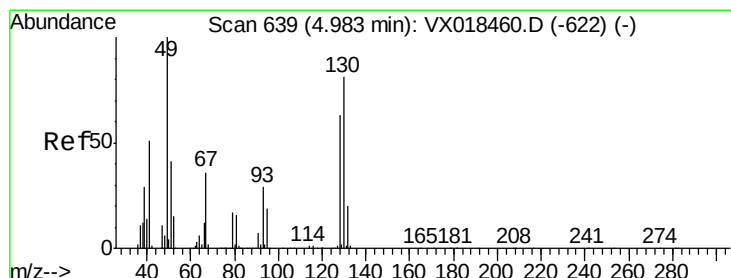
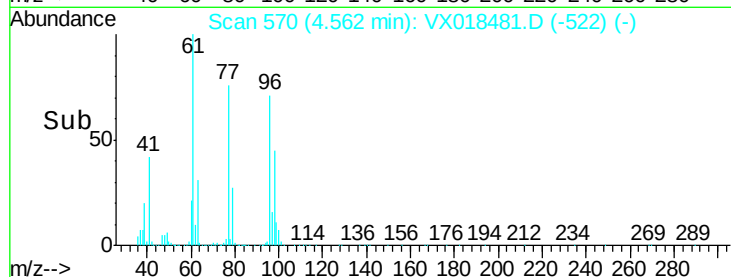
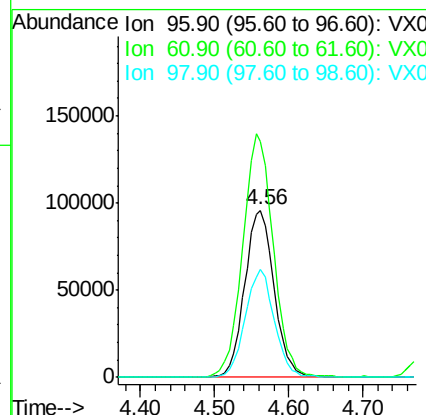
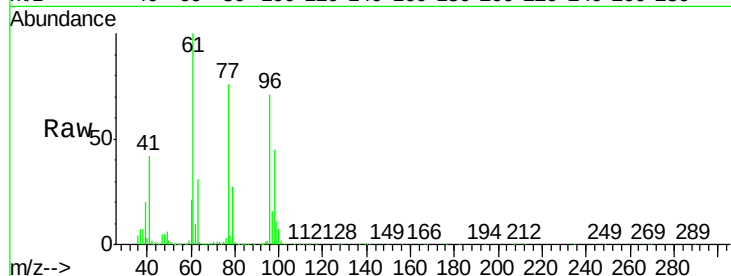
cis-1,2-Dichloroethene
Concen: 45.984 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	266085		
61	151.2	0.0	300.0	
98	63.9	0.0	130.4	

Manual Integrations
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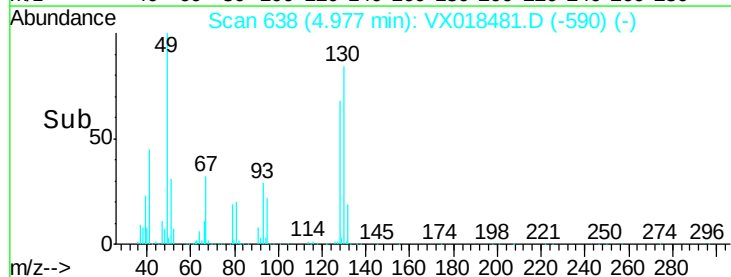
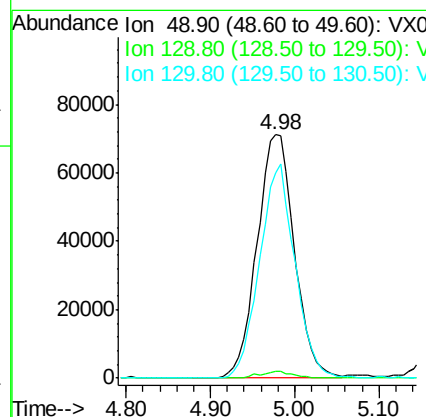
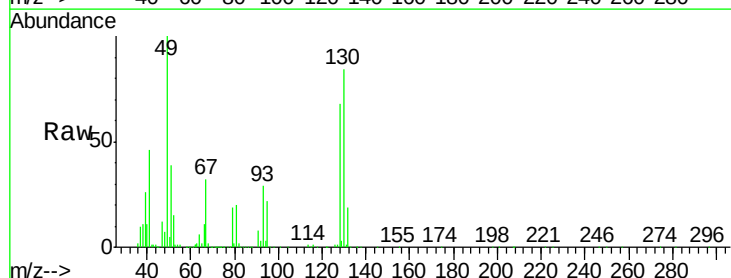
MMDadoda
9/21/2020 11:50:41 AM

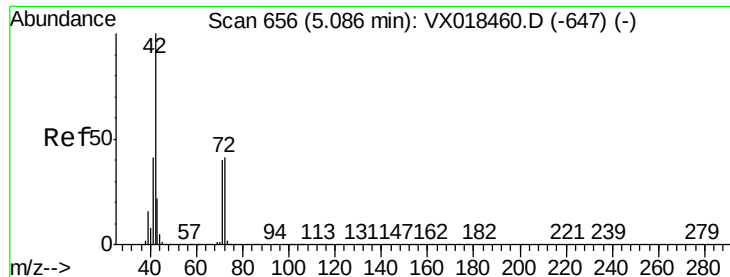


#28

Bromochloromethane
Concen: 49.311 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	215322		
129	2.5	0.0	4.6	
130	84.0	65.0	97.4	





#29

Tetrahydrofuran

Concen: 222.834 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

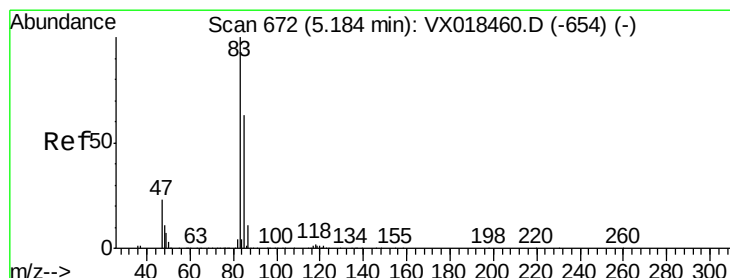
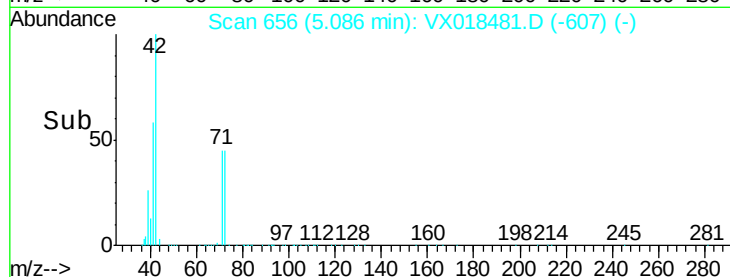
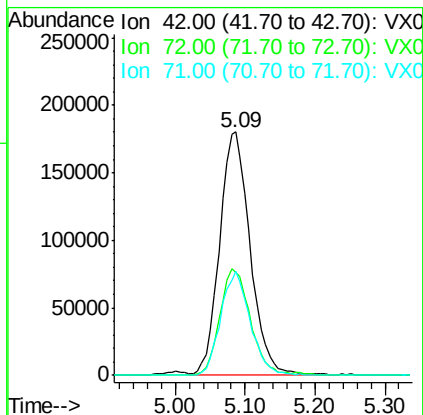
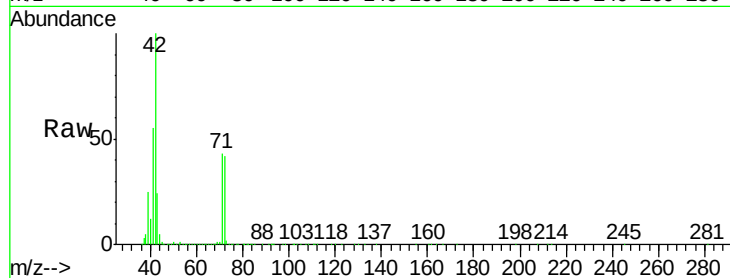
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	542764
Ion Ratio		Lower	Upper
42	100		
72	44.2	34.3	51.5
71	41.6	32.1	48.1

Manual Integrations
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9/21/2020 11:50:41 AM



#30

Chloroform

Concen: 48.799 ug/l

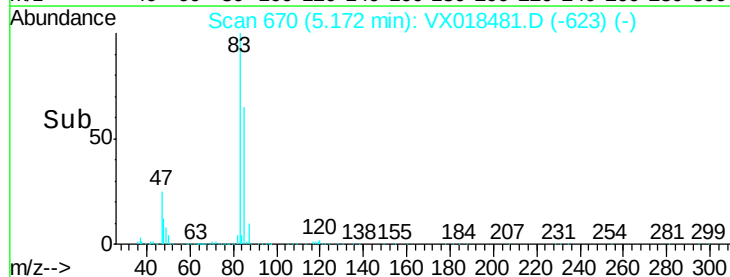
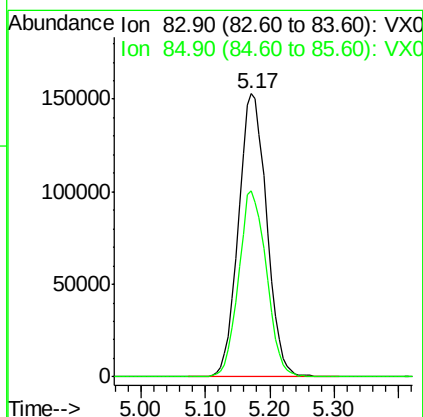
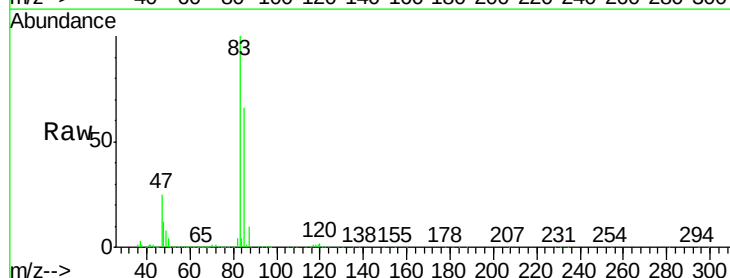
RT: 5.17 min Scan# 670

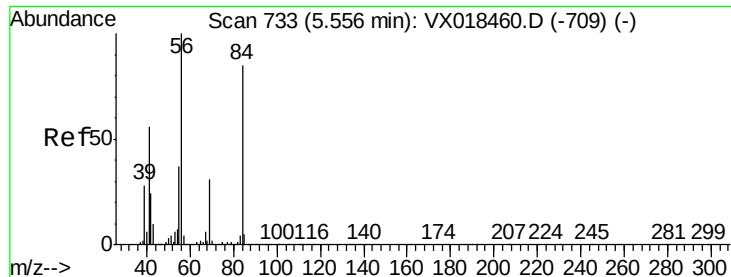
Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	83	Resp:	462028
Ion Ratio		Lower	Upper
83	100		
85	65.8	50.6	76.0





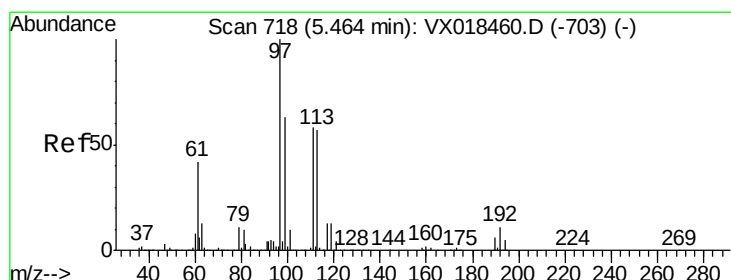
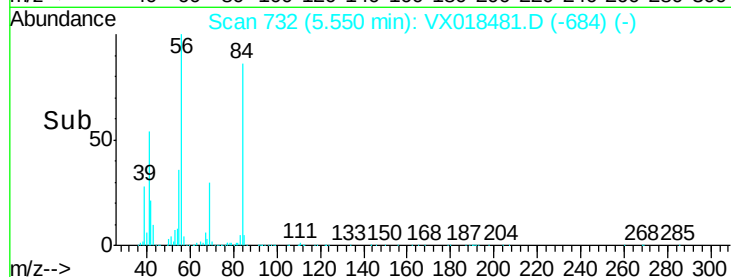
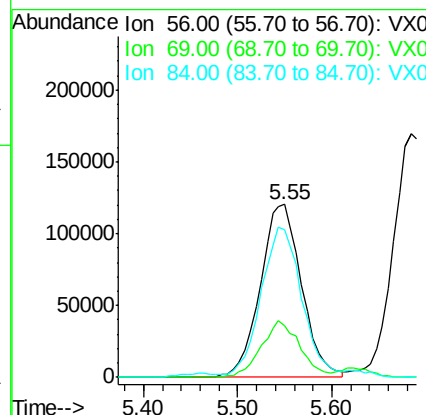
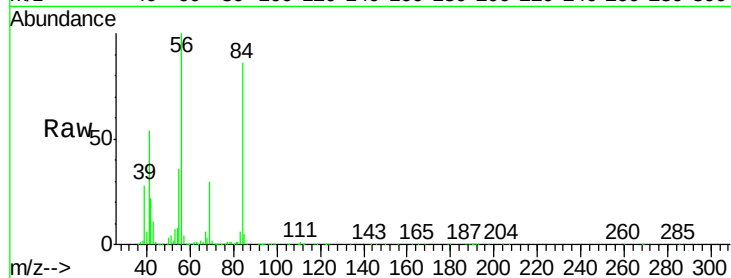
#31
Cyclohexane
Concen: 46.936 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.8	37.2
84	84.1	67.6	101.4

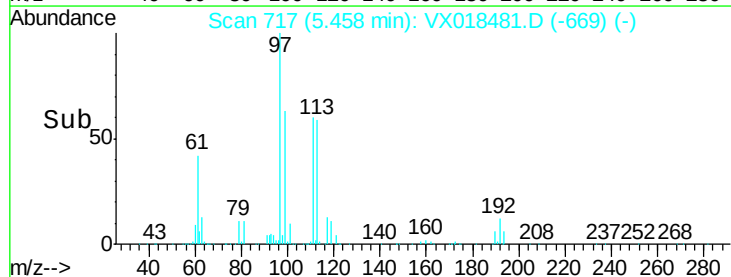
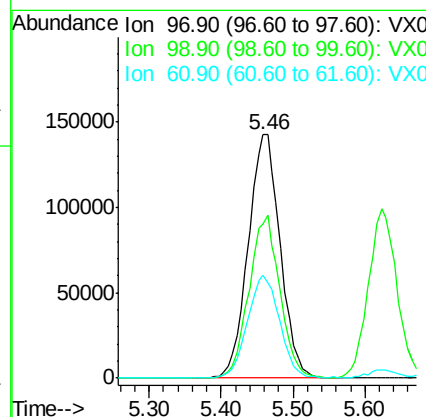
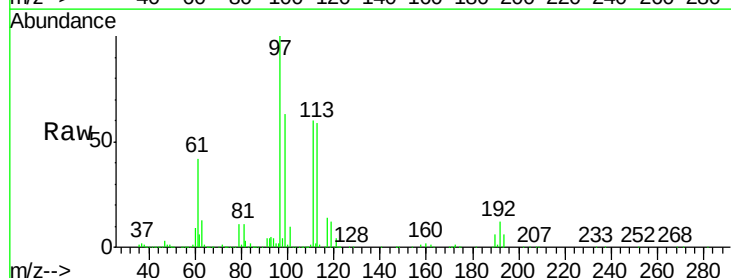
Manual Integrations
APPROVED

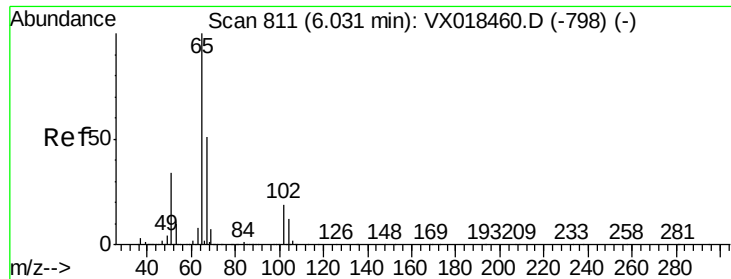
MMDadoda
9/21/2020 11:50:41 AM



#32
1,1,1-Trichloroethane
Concen: 49.361 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.5	75.7
61	42.3	33.4	50.2





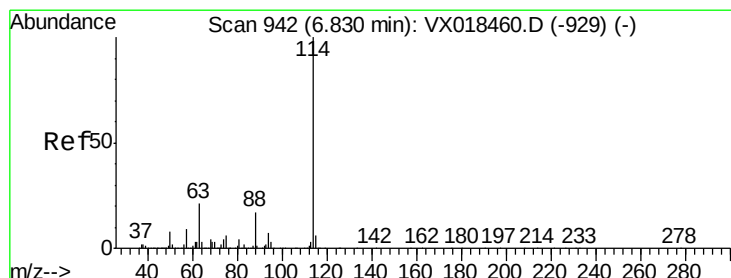
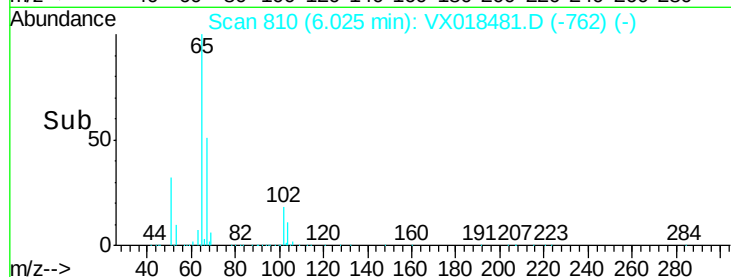
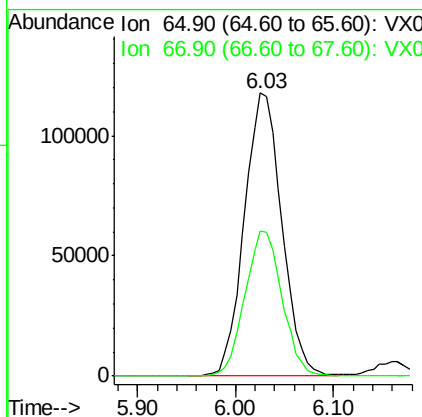
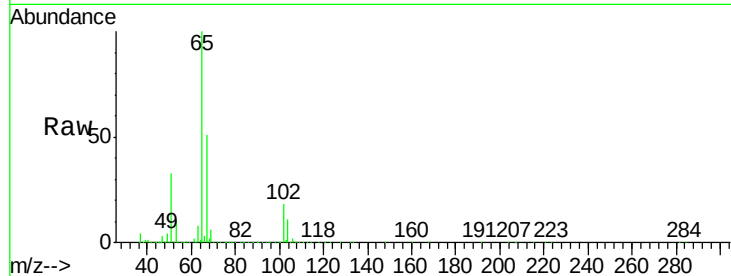
#33
 1,2-Dichloroethane-d4
 Concen: 48.262 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	313166		
67	50.9	0.0	105.6	

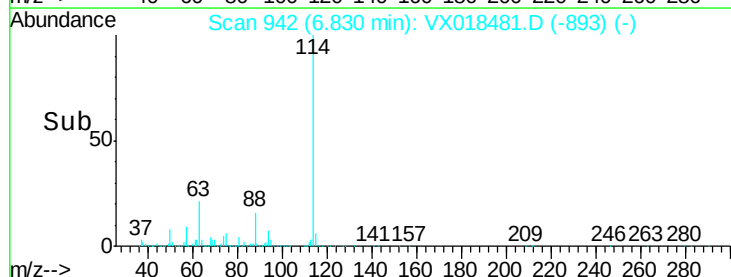
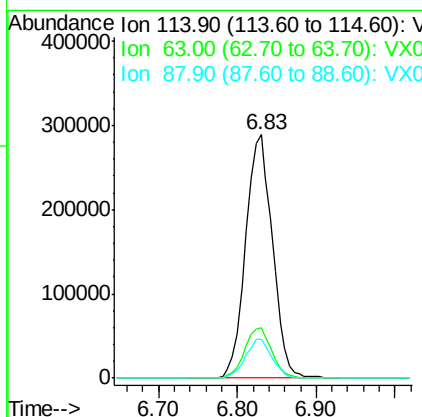
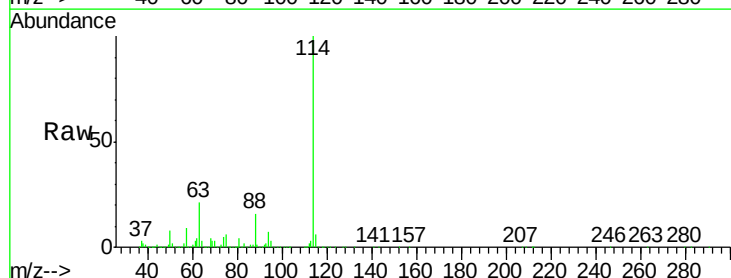
Manual Integrations
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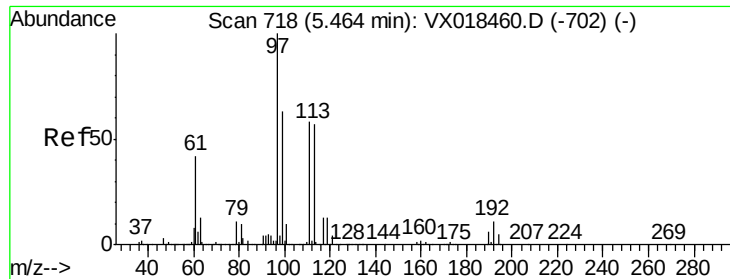
MMDadoda
 9/21/2020 11:50:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	683482		
63	20.9	0.0	42.8	
88	15.9	0.0	33.6	





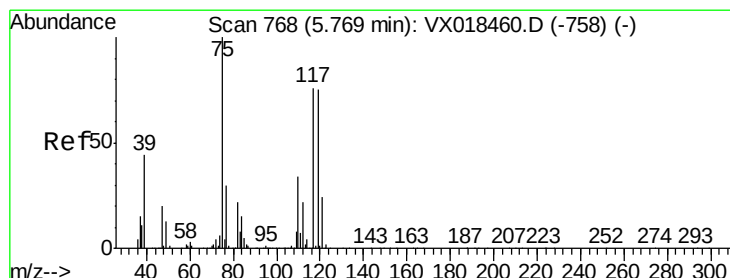
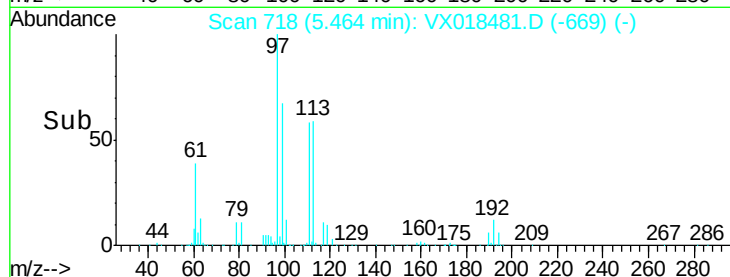
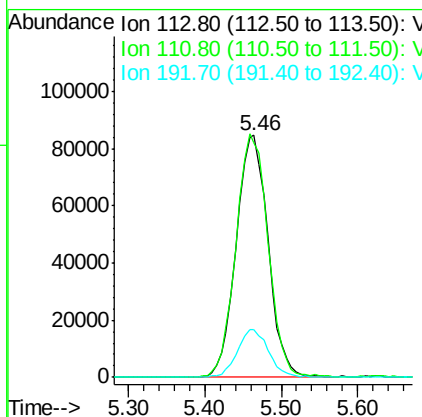
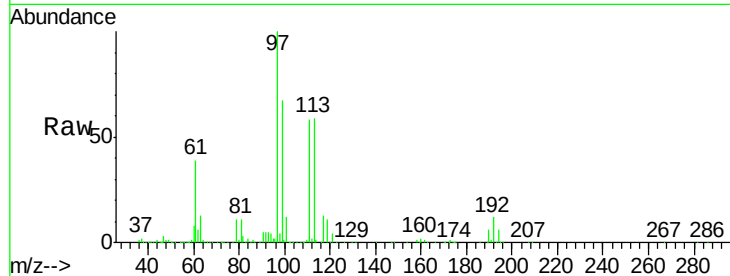
#35
Dibromofluoromethane
Concen: 51.987 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	245639		
111	100.7	81.4	122.2	
192	19.4	16.6	24.8	

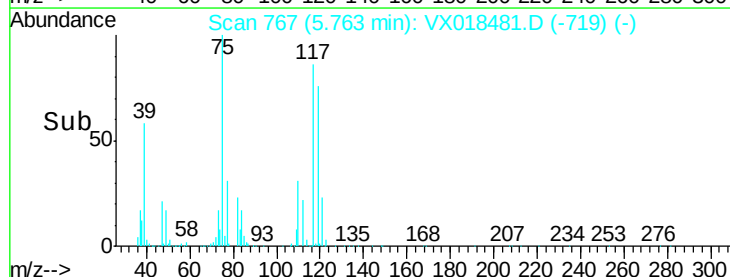
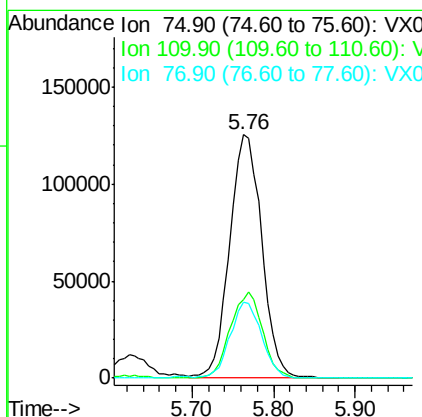
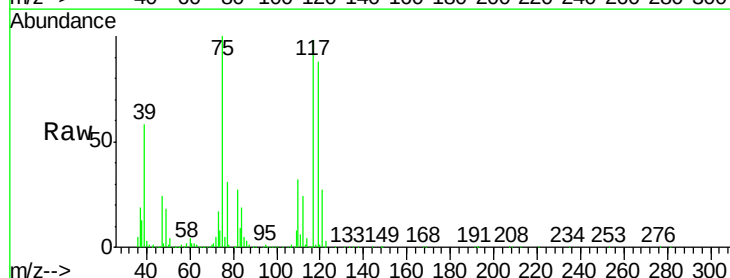
Manual Integrations
APPROVED

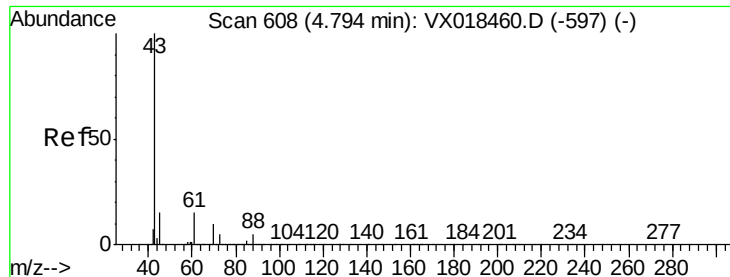
MMDadoda
9/21/2020 11:50:41 AM



#36
1,1-Dichloropropene
Concen: 51.228 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	339839		
110	35.7	17.6	52.8	
77	31.0	25.0	37.6	





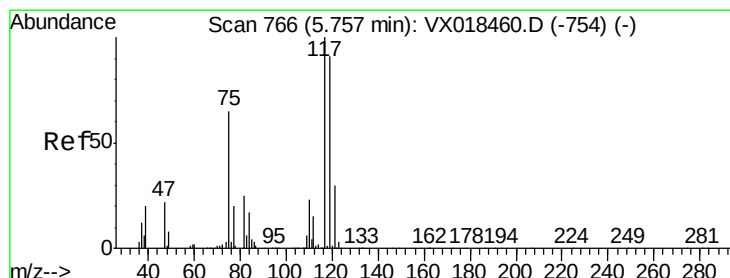
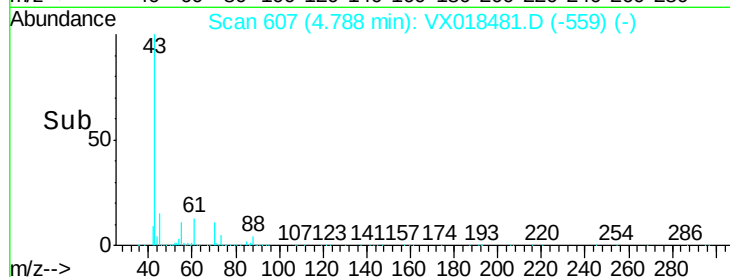
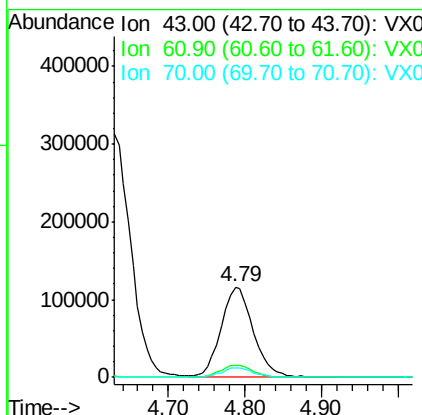
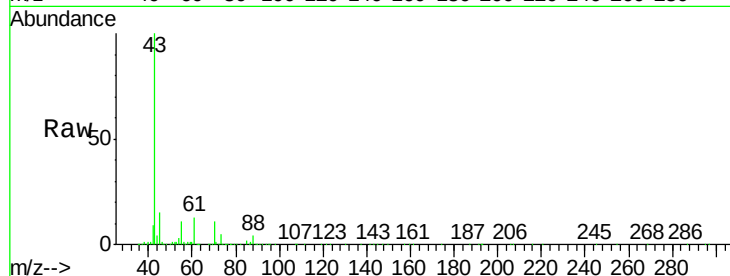
#37
Ethyl Acetate
Concen: 47.504 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	336521
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.9	16.3
70	10.4	8.3	12.5

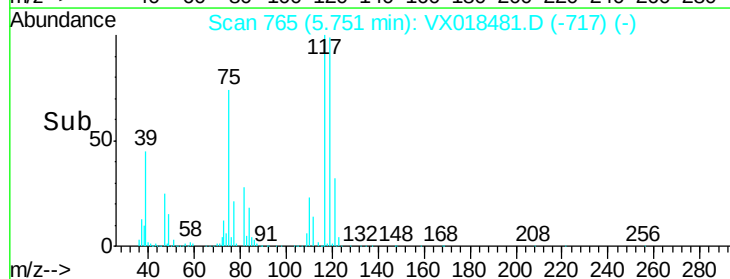
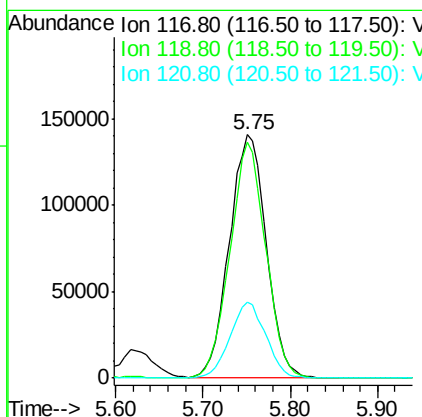
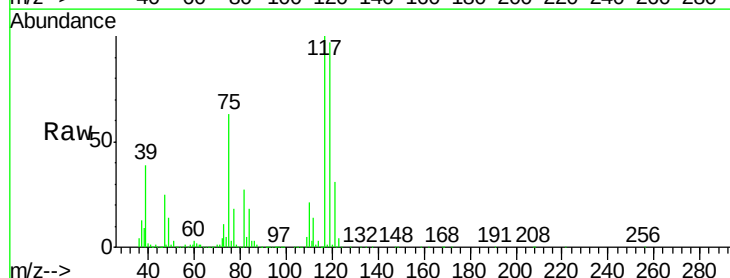
Manual Integrations
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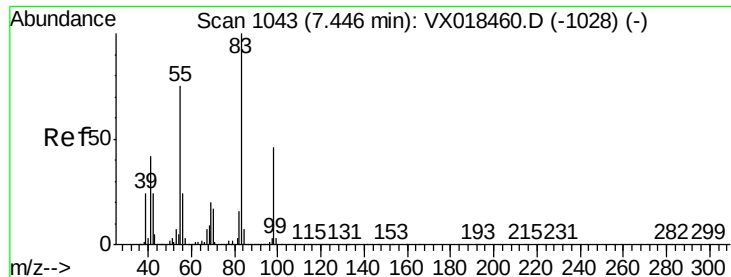
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9/21/2020 11:50:41 AM



#38
Carbon Tetrachloride
Concen: 55.989 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	117	Resp	411358
Ion Ratio	Lower	Upper	
117	100		
119	97.1	72.3	108.5
121	31.2	23.8	35.8





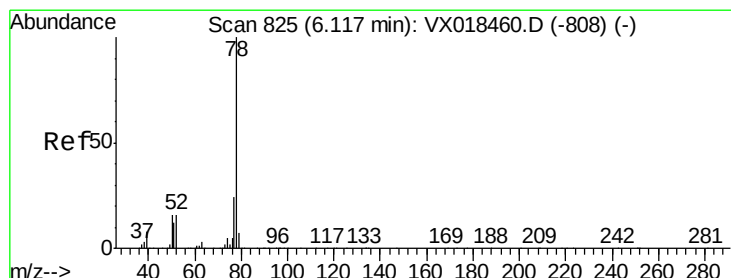
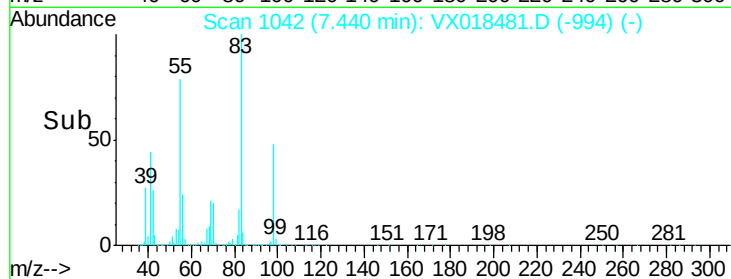
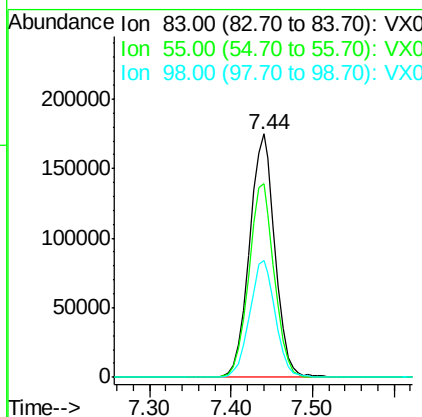
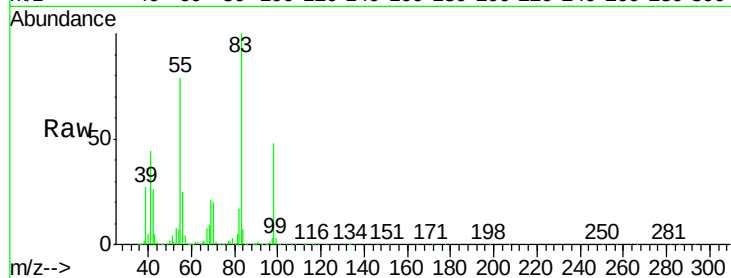
#39
Methylvlcyclohexane
Concen: 51.125 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.4	60.2	90.4	
98	47.8	36.4	54.6	

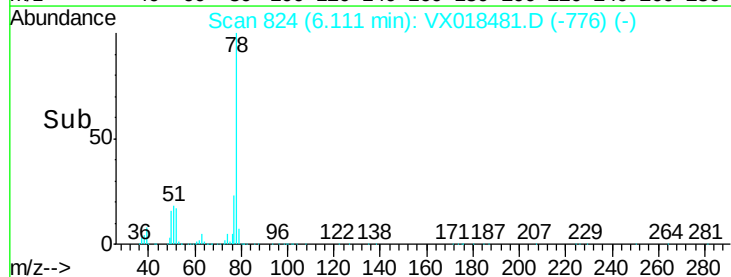
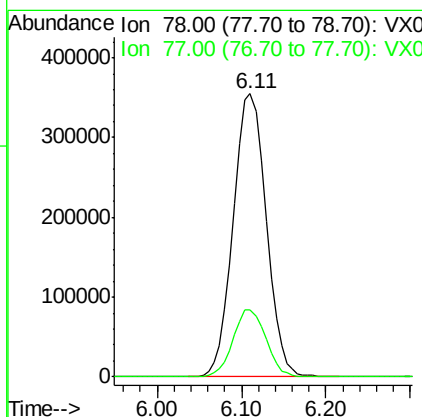
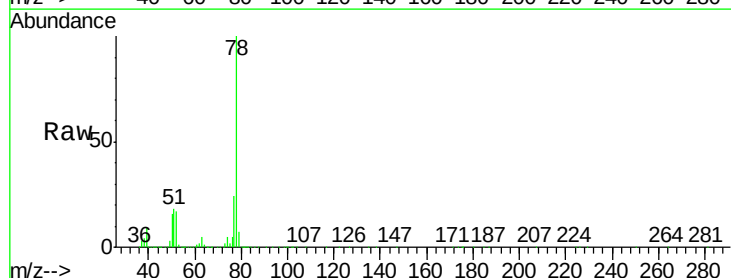
Manual Integrations
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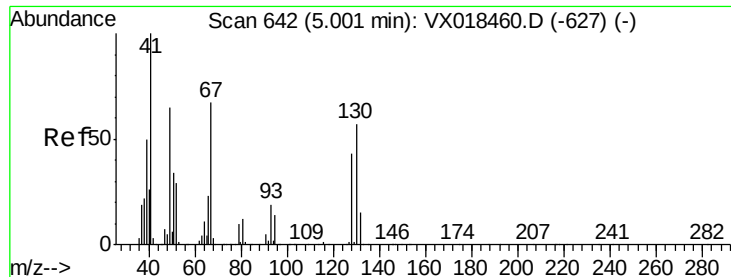
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#40
Benzene
Concen: 49.585 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	19.0	28.4	





#41

Methacrylonitrile

Concen: 46.985 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 184949

Ion Ratio Lower Upper

41 100

39 57.0 45.3 67.9

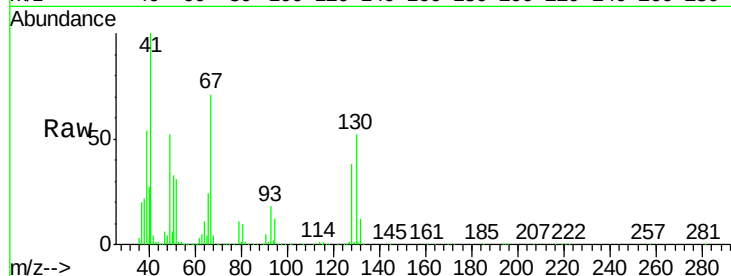
67 71.5 56.7 85.1

52 30.8 23.4 35.0

Manual Integrations
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MMDadoda

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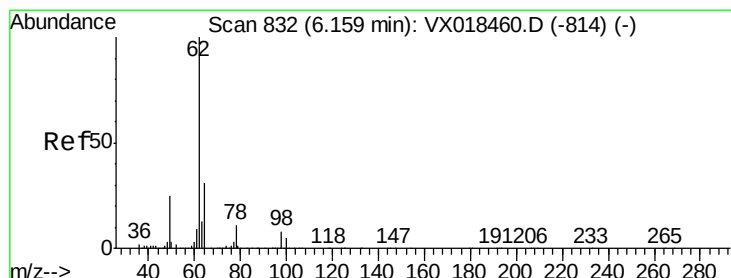
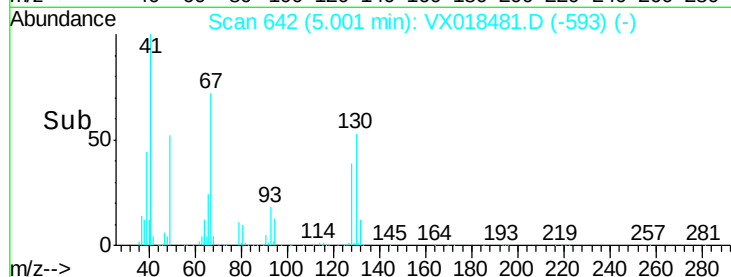
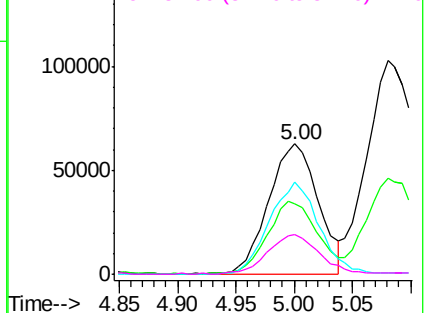
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.475 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX018481.D

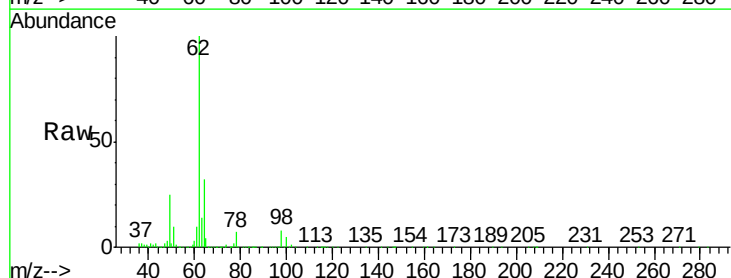
Acq: 18 Sep 2020 10:28

Tgt Ion: 62 Resp: 388122

Ion Ratio Lower Upper

62 100

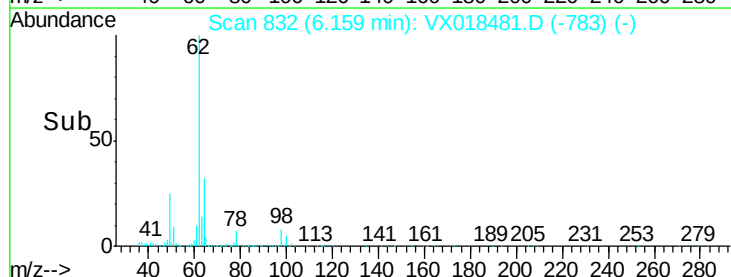
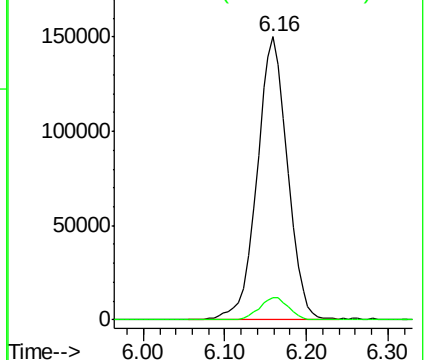
98 7.8 0.0 16.6

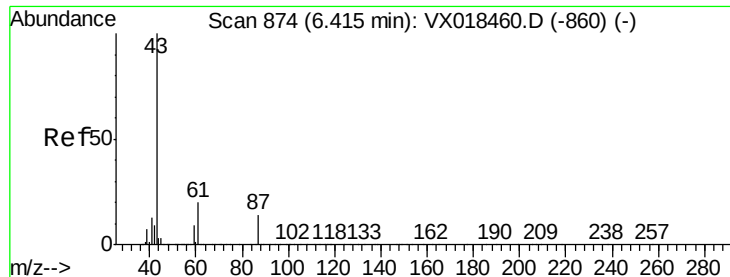


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

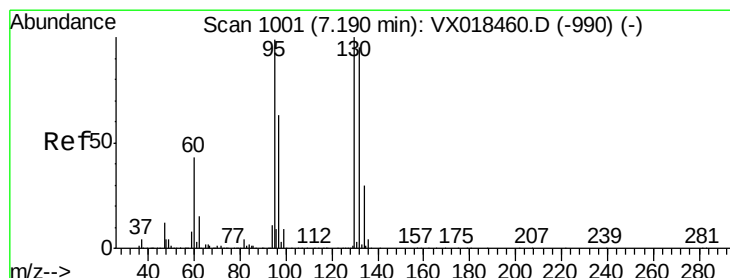
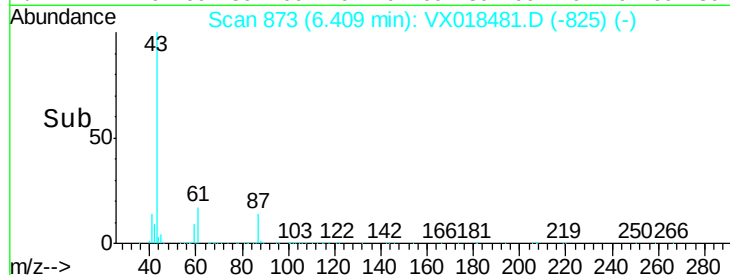
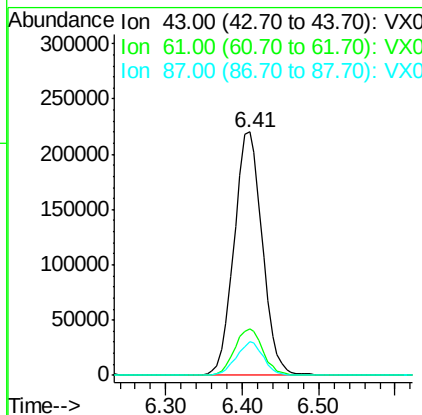
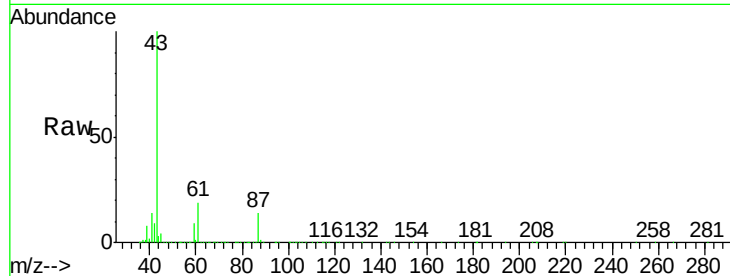
Isopropyl Acetate
 Concen: 47.839 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.7	23.5
87	13.2	10.4	15.6

Manual Integrations
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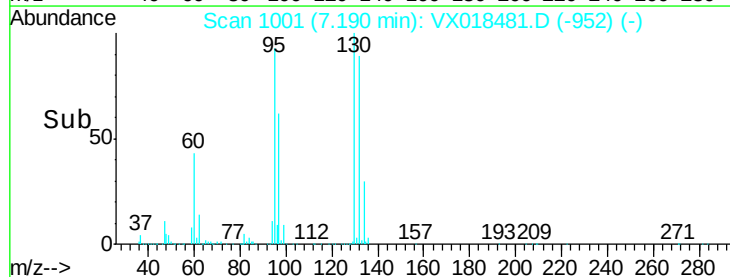
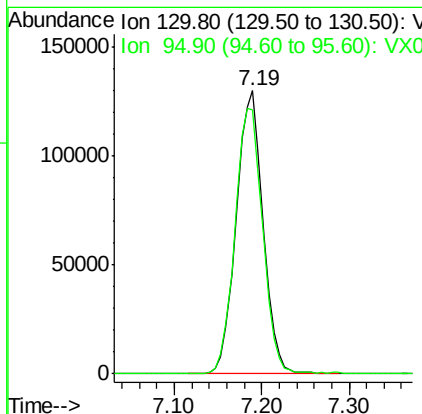
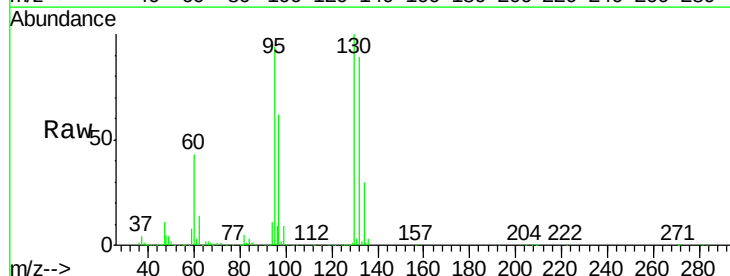
MMDadoda
 9/21/2020 11:50:41 AM

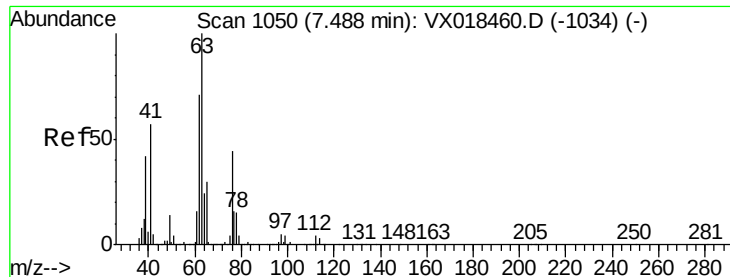


#44

Trichloroethene
 Concen: 50.315 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	197.4





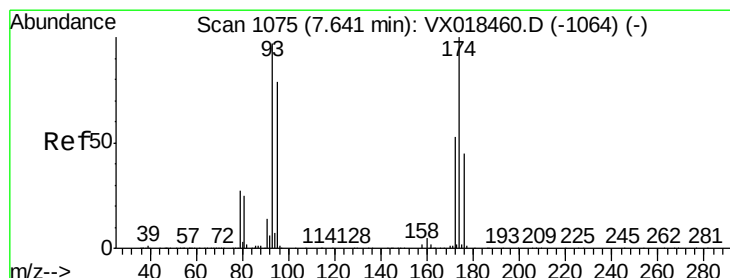
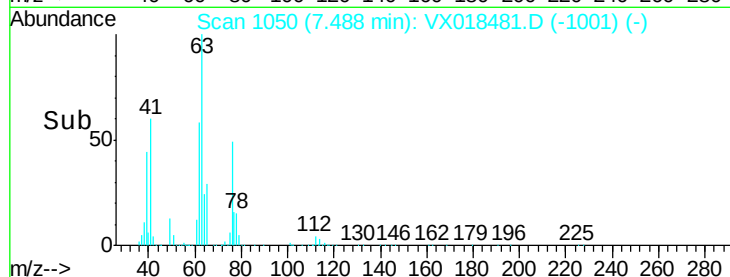
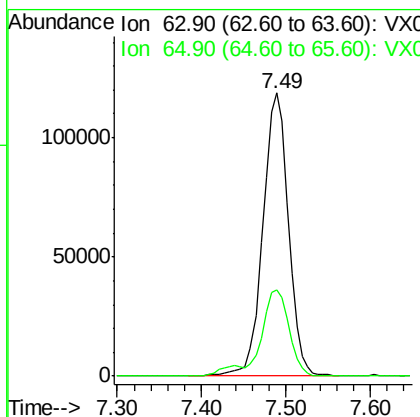
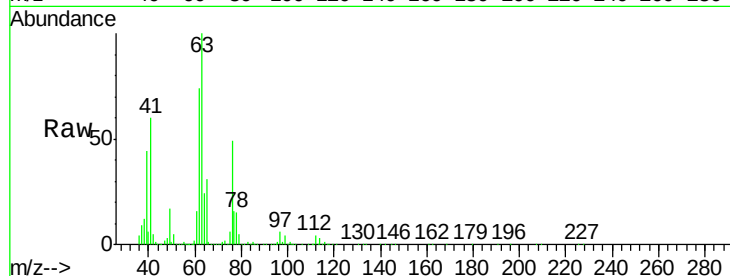
#45
 1,2-Dichloropropane
 Concen: 47.725 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.1	36.1

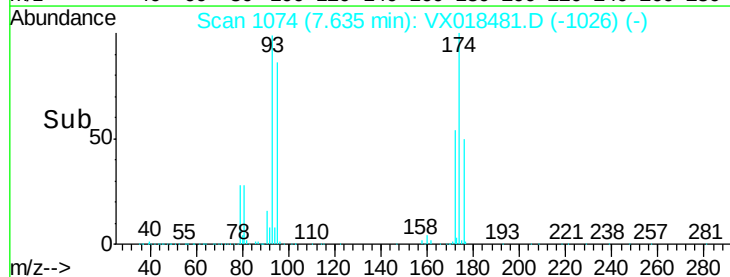
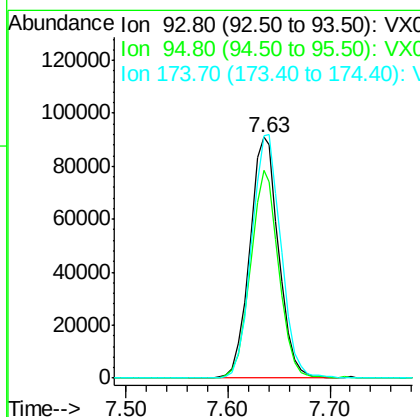
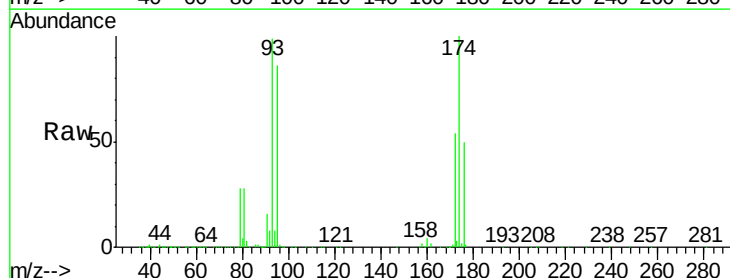
Manual Integrations
 APPROVED

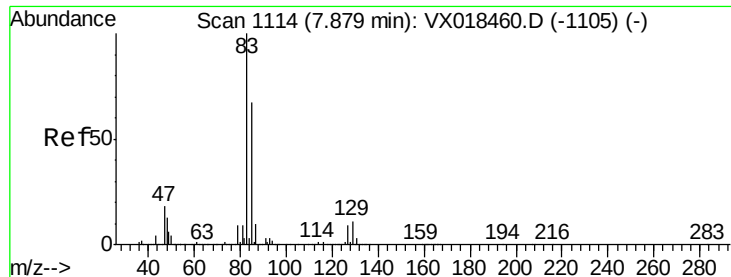
MMDadoda
 9/21/2020 11:50:41 AM



#46
 Dibromomethane
 Concen: 50.086 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.0	97.4
174	102.6	82.0	123.0





#47

Bromodichloromethane

Concen: 52.178 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

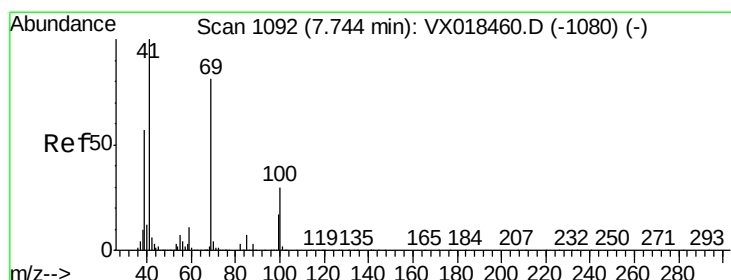
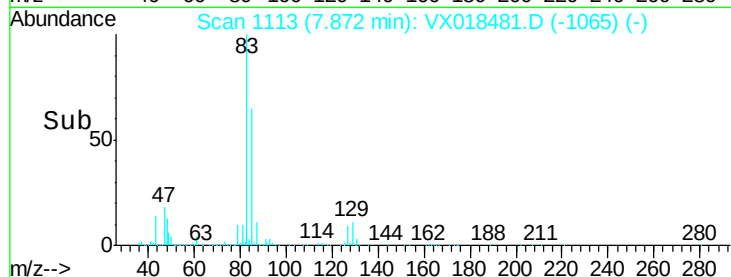
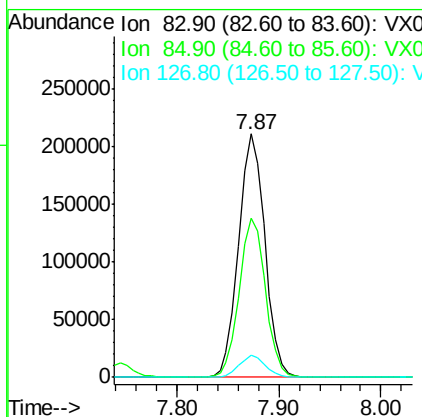
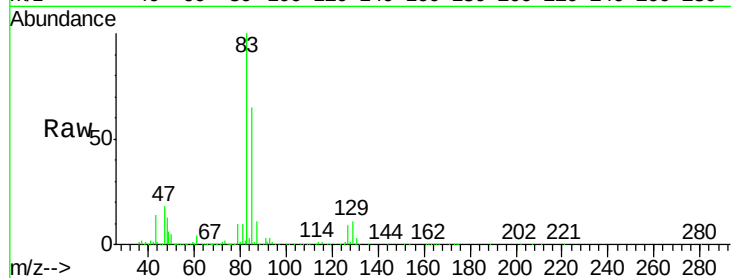
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	376998
Ion Ratio	Lower	Upper	
83	100		
85	65.1	53.3	79.9
127	9.1	7.4	11.2

Manual Integrations
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MMDadoda
9/21/2020 11:50:41 AM



#48

Methyl methacrylate

Concen: 49.608 ug/l

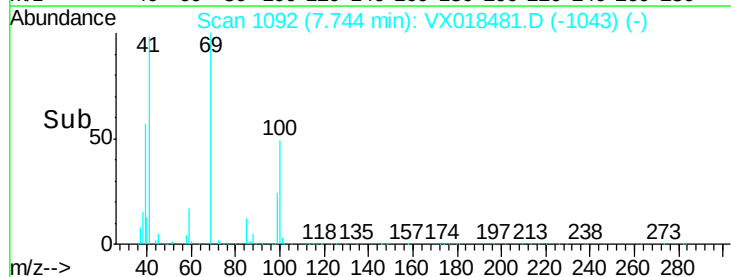
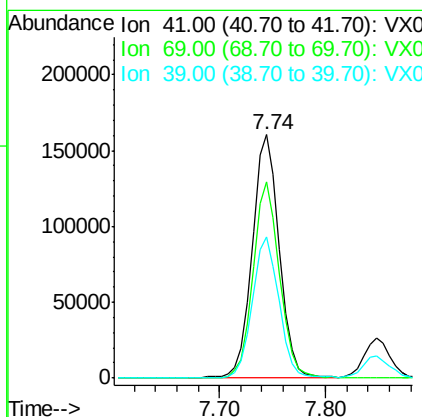
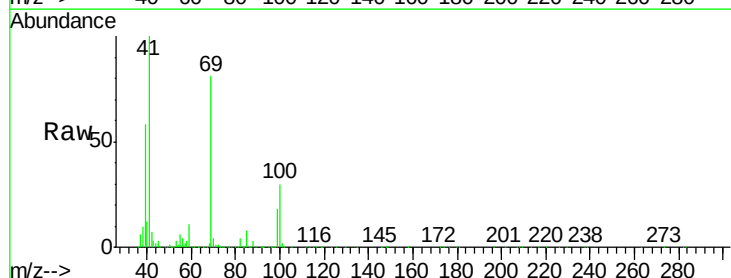
RT: 7.74 min Scan# 1092

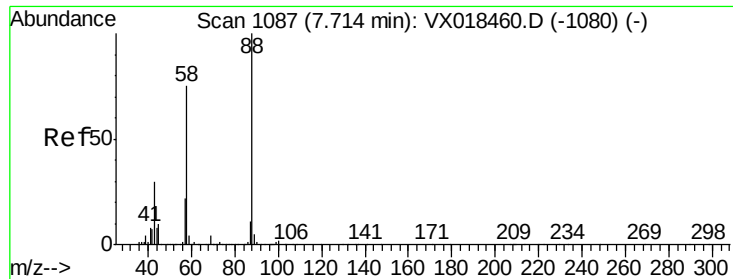
Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	41	Resp:	283851
Ion Ratio	Lower	Upper	
41	100		
69	79.3	63.7	95.5
39	57.2	45.0	67.4





#49

1,4-Dioxane

Concen: 1174.149 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

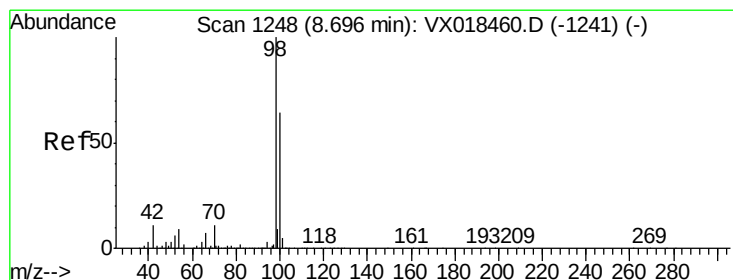
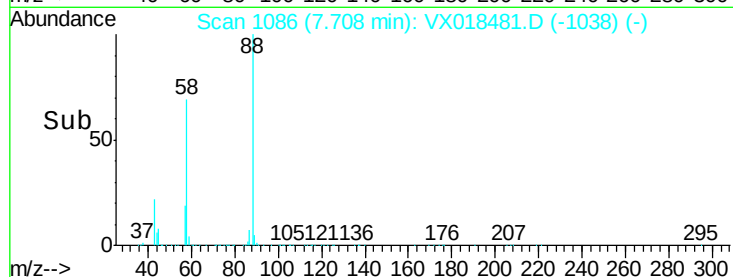
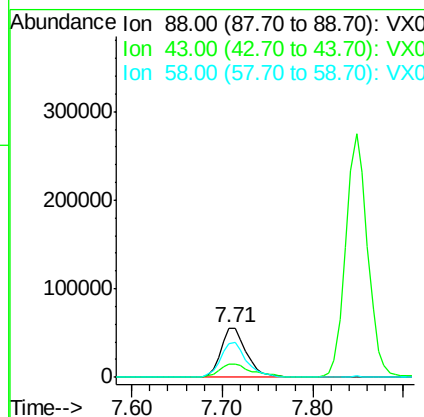
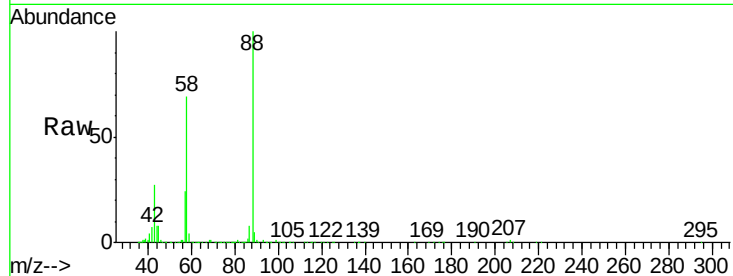
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	111009
Ion Ratio	Lower	Upper	
88	100		
43	35.2	29.9	44.9
58	72.2	59.0	88.6

Manual Integrations
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#50

Toluene-d8

Concen: 50.955 ug/l

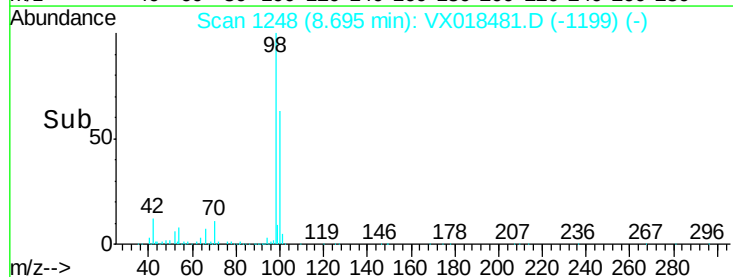
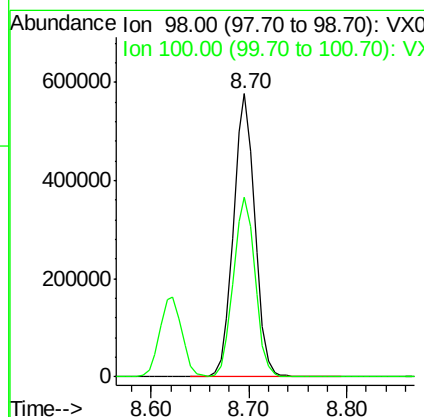
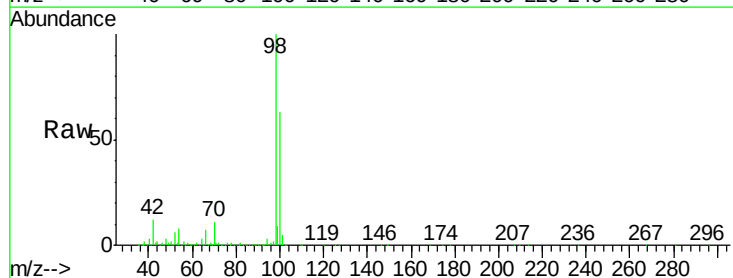
RT: 8.70 min Scan# 1248

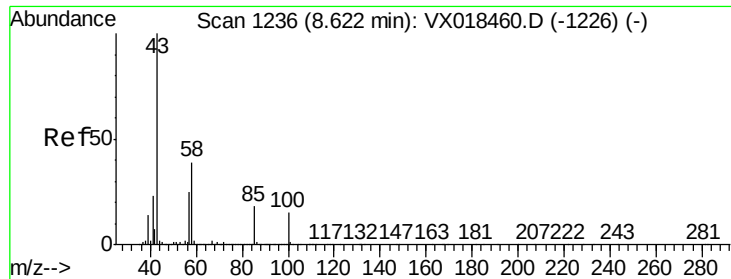
Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	98	Resp:	874766
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.7	77.5





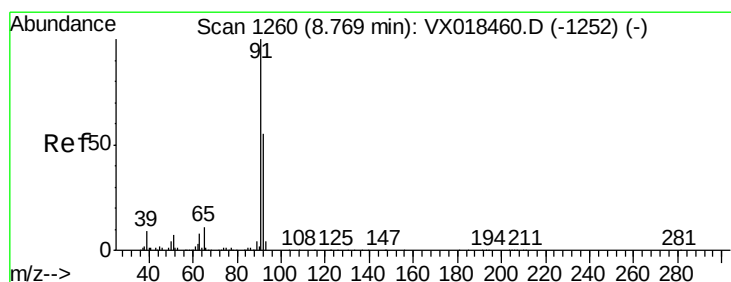
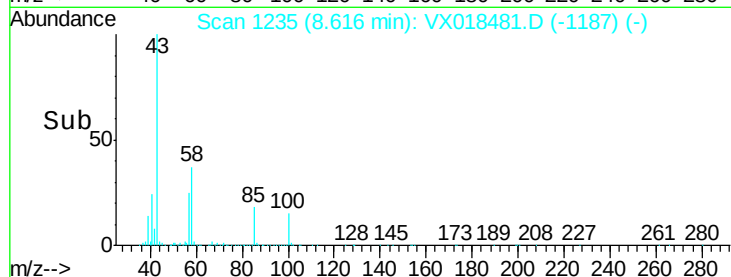
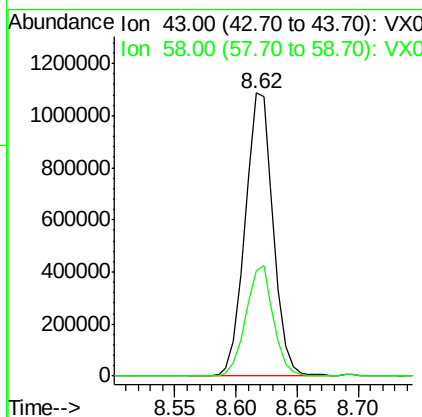
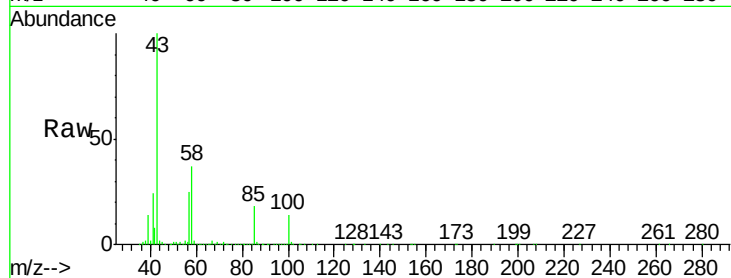
#51
4-Methyl-2-Pentanone
Concen: 247.119 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1729686
Ion Ratio Lower Upper
43 100
58 38.2 30.9 46.3

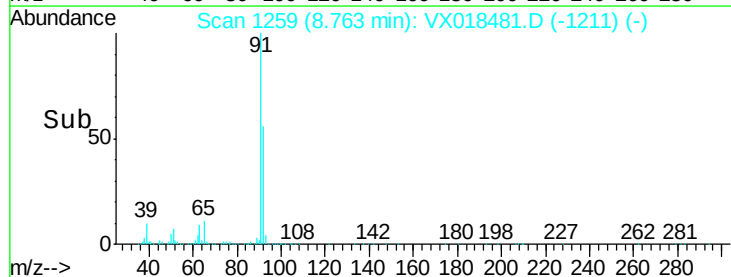
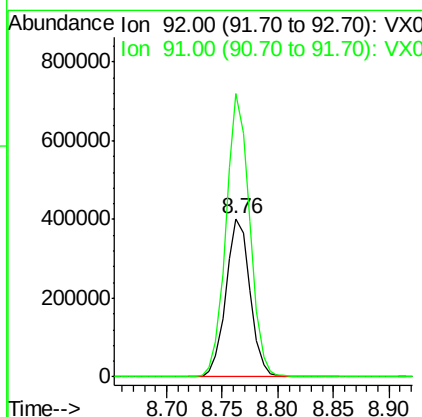
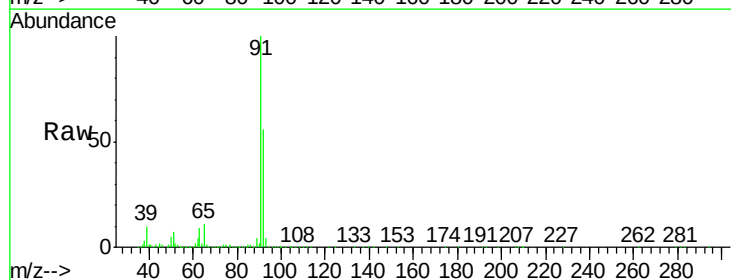
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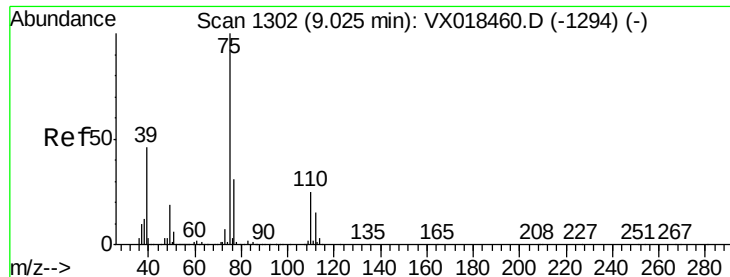
MMDadoda
9/21/2020 11:50:41 AM



#52
Toluene
Concen: 50.383 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion: 92 Resp: 602767
Ion Ratio Lower Upper
92 100
91 175.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 51.752 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 424878

Ion Ratio Lower Upper

75 100

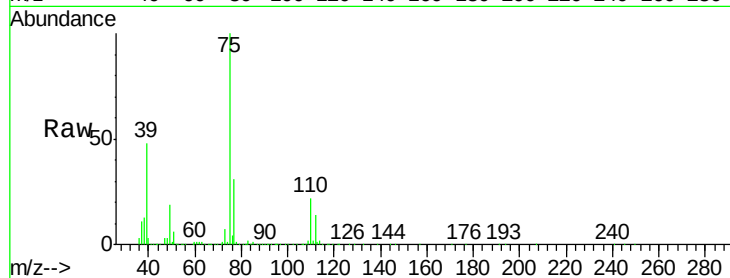
77 30.9 25.1 37.7

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

300000

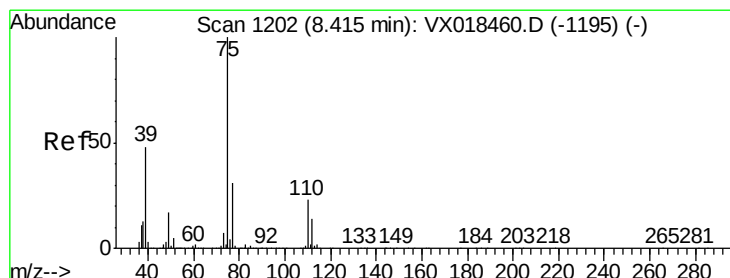
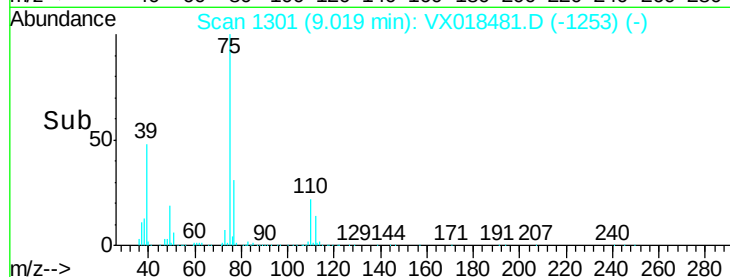
200000

100000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.216 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

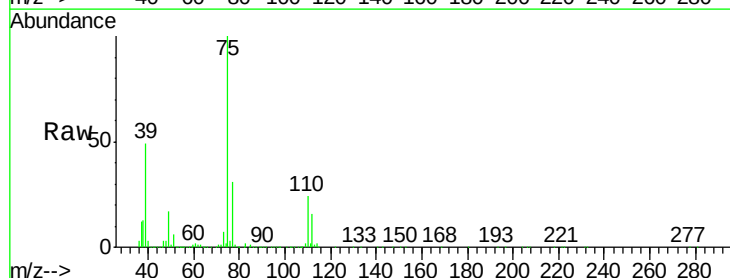
Tgt Ion: 75 Resp: 433179

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 48.8 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

300000

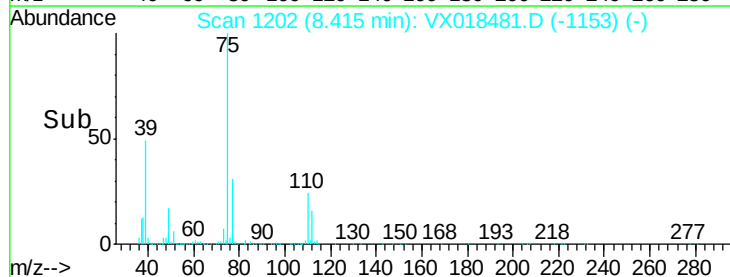
200000

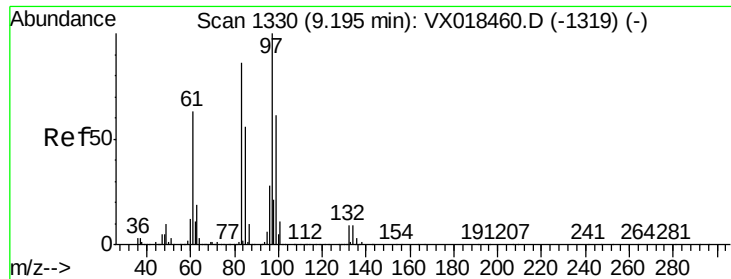
100000

0

8.30 8.40 8.50

Time-->





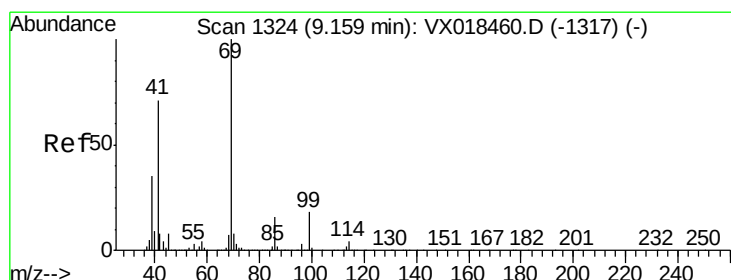
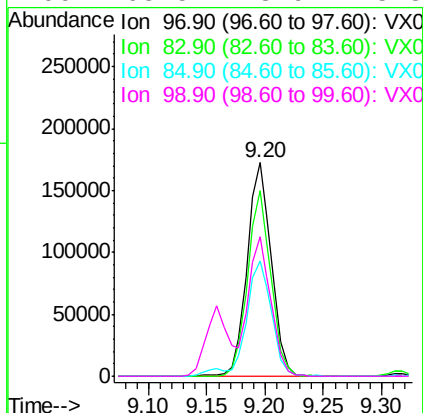
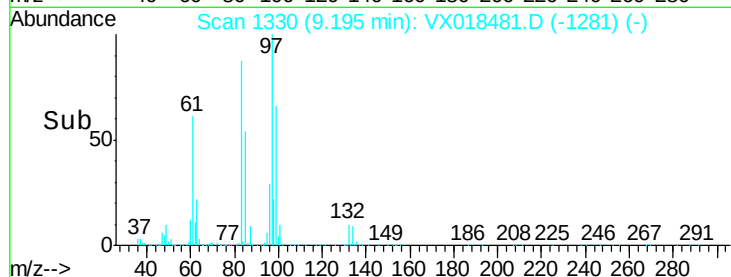
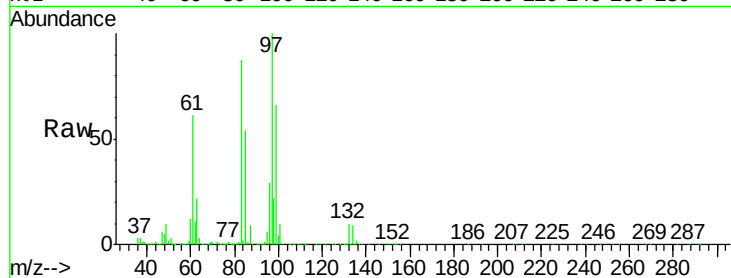
#55
 1,1,2-Trichloroethane
 Concen: 50.300 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		249706		
83	87.1	68.5	102.7		
85	53.9	44.8	67.2		
99	65.5	48.9	73.3		

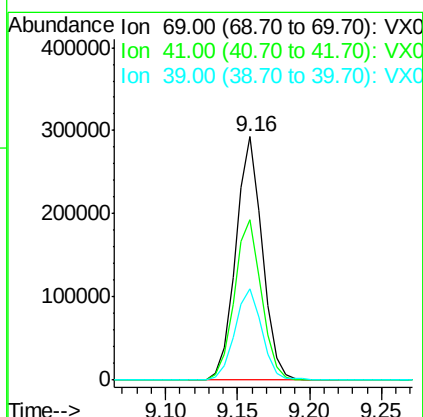
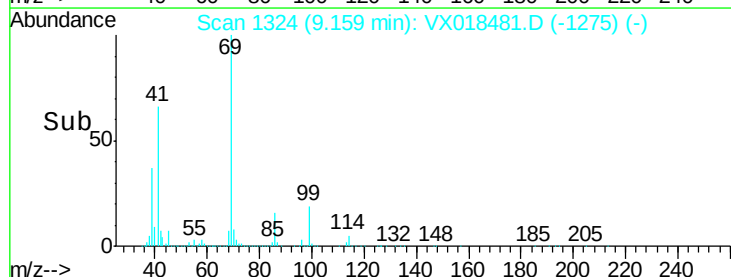
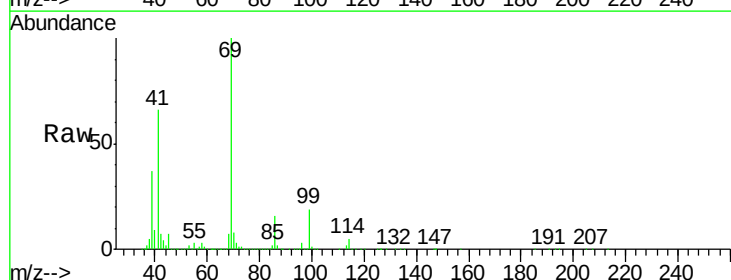
Manual Integrations
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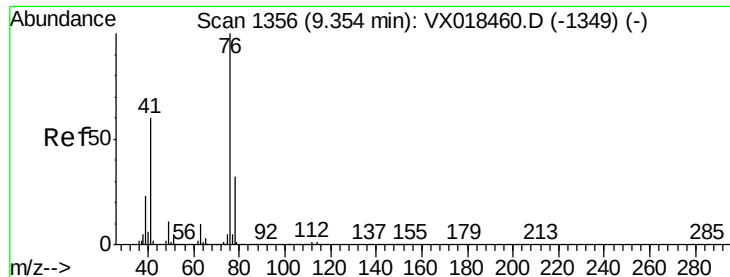
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 51.114 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		376247		
41	67.2	54.6	81.8		
39	38.3	29.3	43.9		





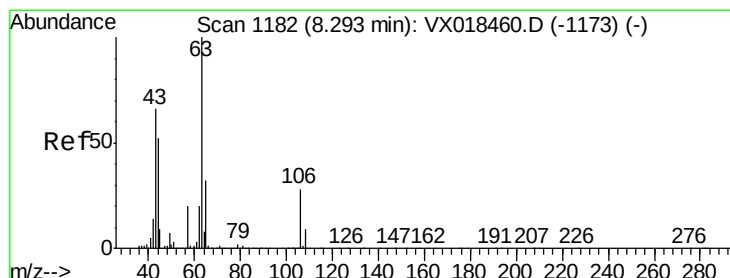
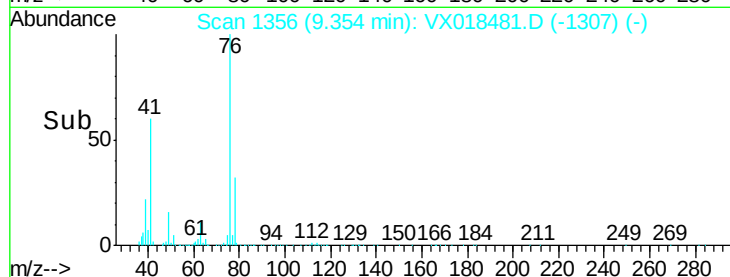
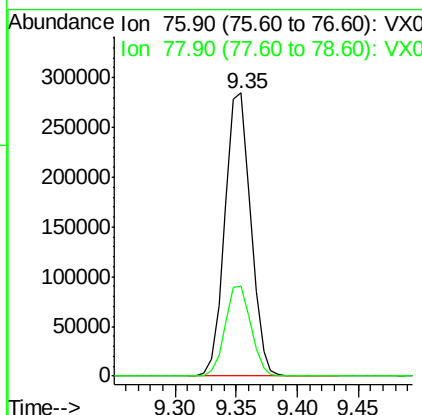
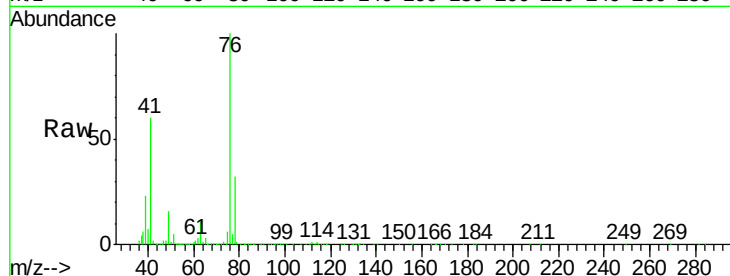
#57
 1,3-Dichloropropane
 Concen: 49.879 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.6	38.4

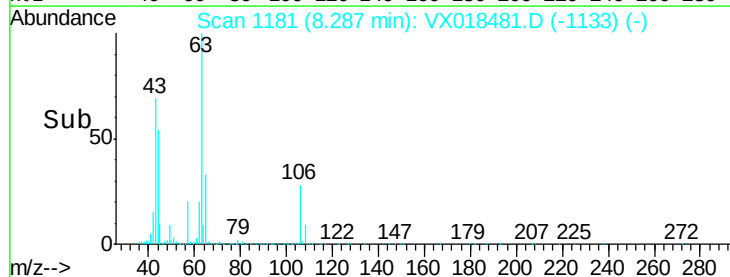
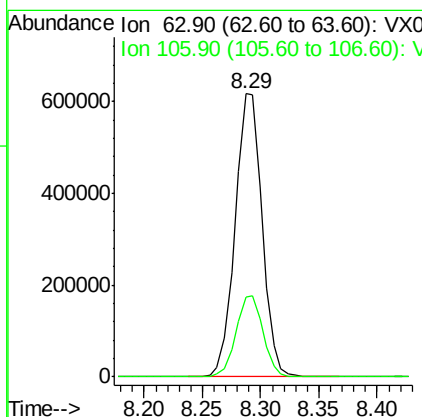
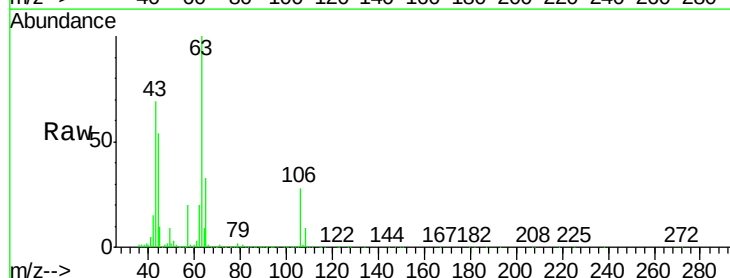
Manual Integrations
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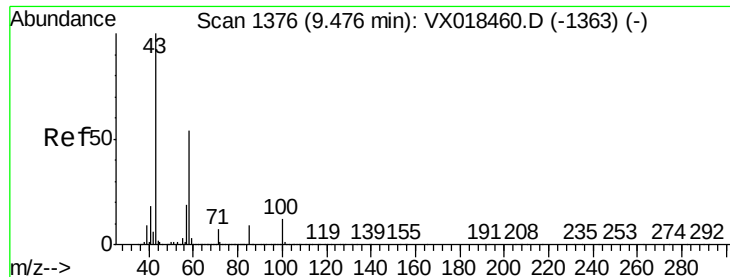
MMDadoda
 9/21/2020 11:50:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.981 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.2	33.2





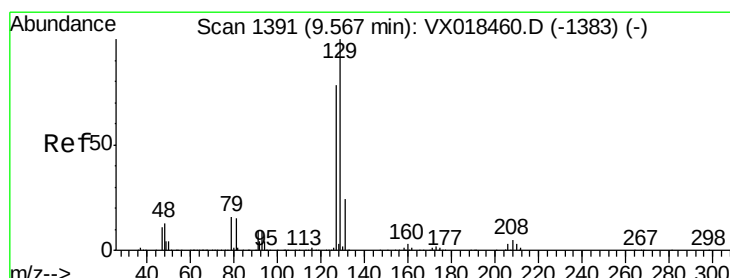
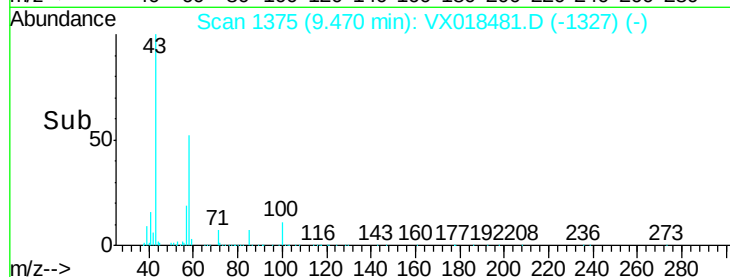
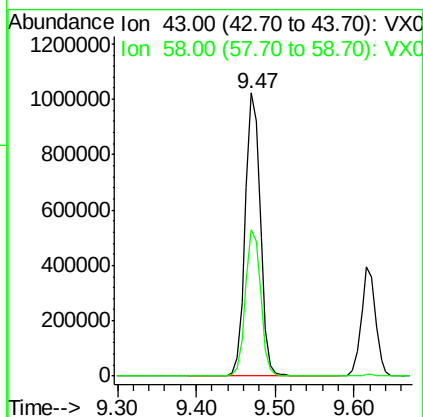
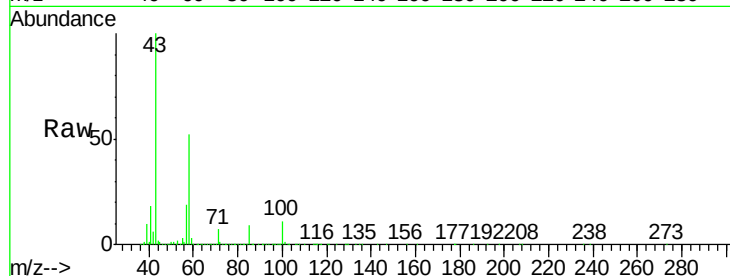
#59
2-Hexanone
Concen: 255.351 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1359442
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.4

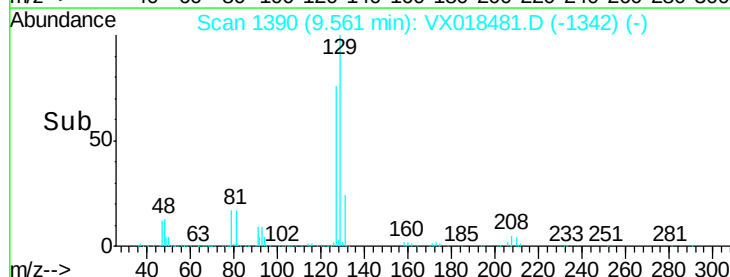
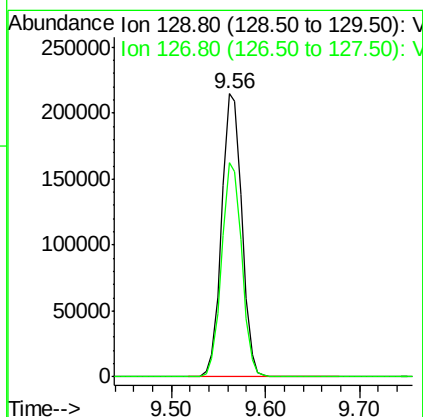
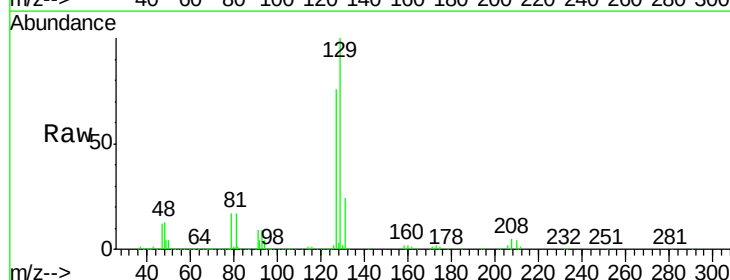
Manual Integrations
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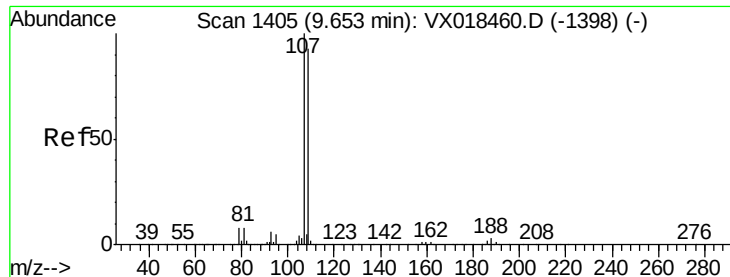
MMDadoda
9/21/2020 11:50:41 AM



#60
Dibromochloromethane
Concen: 54.062 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion: 129 Resp: 320016
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.435 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 276959

Ion Ratio Lower Upper

107 100

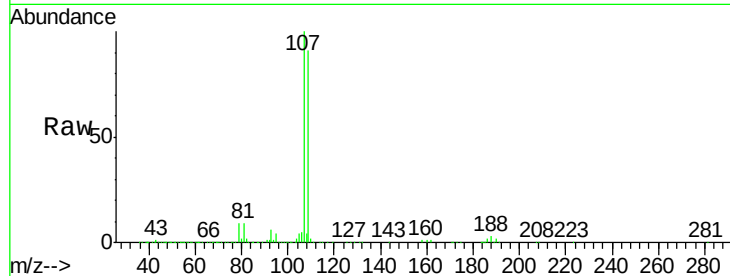
109 93.0 75.9 113.9

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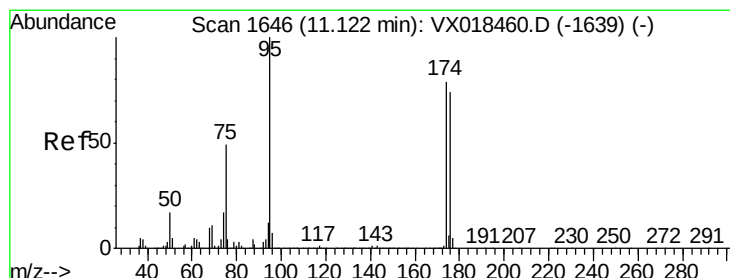
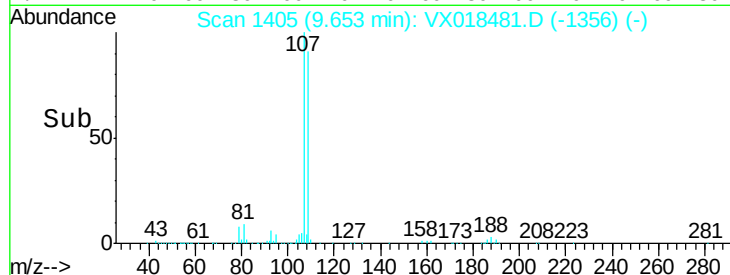
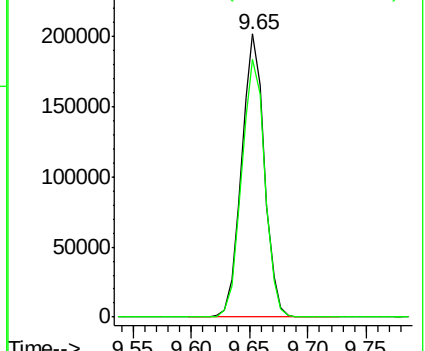
MMDadoda

9/21/2020 11:50:41 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.864 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

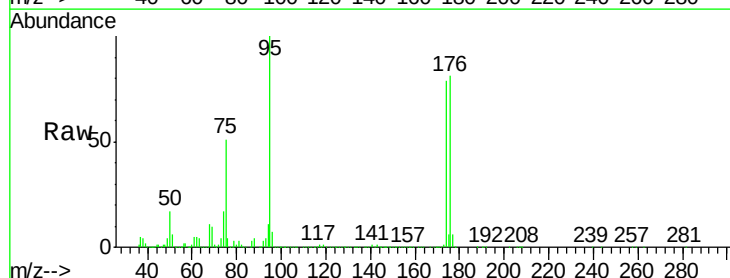
Tgt Ion: 95 Resp: 347346

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.4

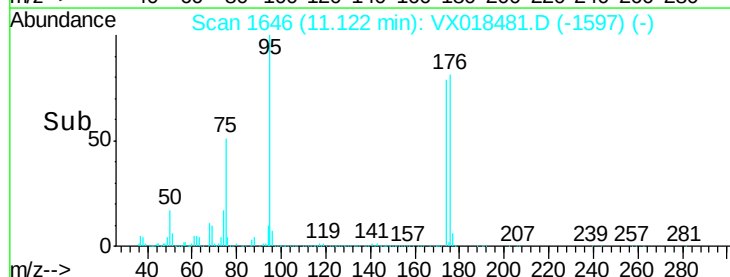
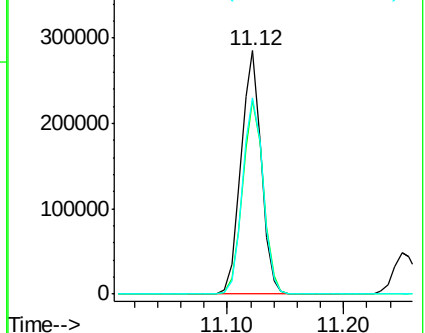
176 82.0 0.0 151.4

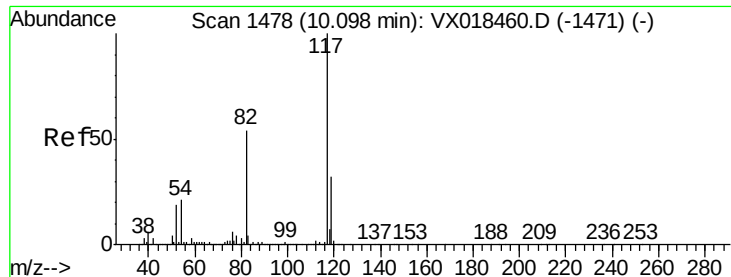


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





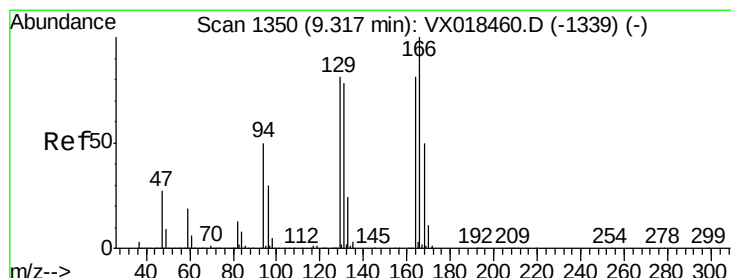
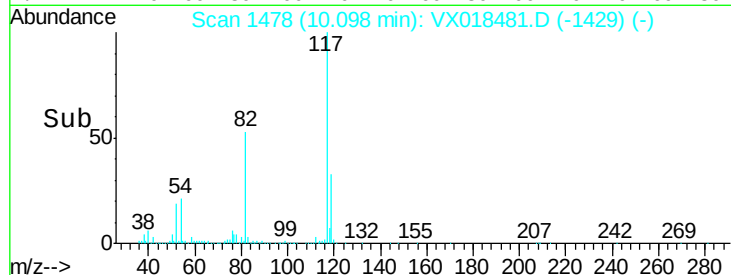
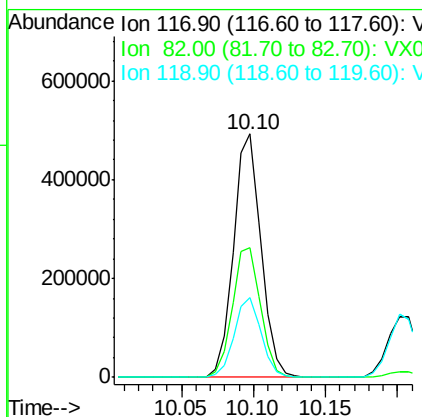
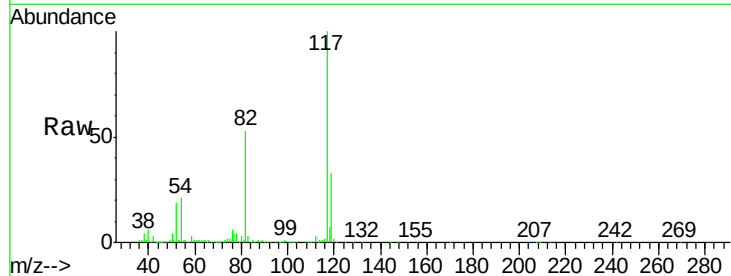
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	656699		
82	53.3		43.3	64.9
119	32.9		25.9	38.9

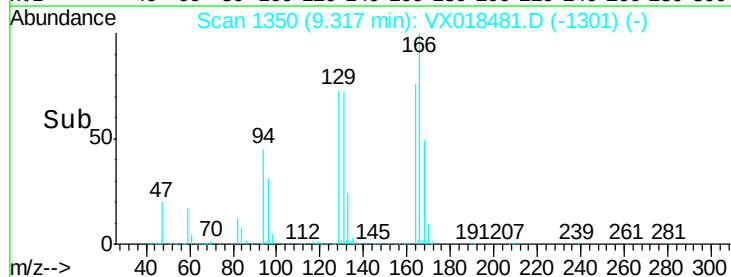
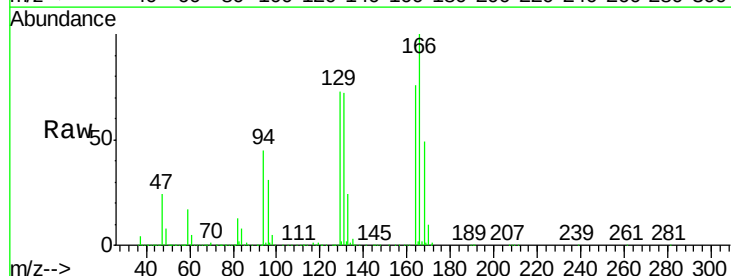
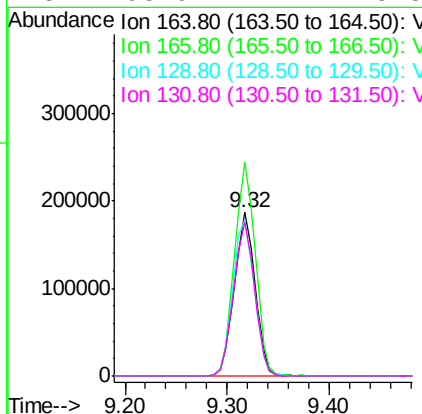
Manual Integrations
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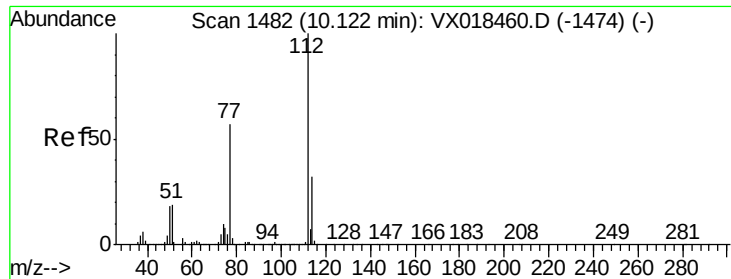
MMDadoda
9/21/2020 11:50:41 AM



#64
Tetrachloroethene
Concen: 50.483 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	261001		
166	130.8		99.3	148.9
129	96.0		80.7	121.1
131	93.9		77.2	115.8





#65

Chlorobenzene

Concen: 50.420 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 681801

Ion Ratio Lower Upper

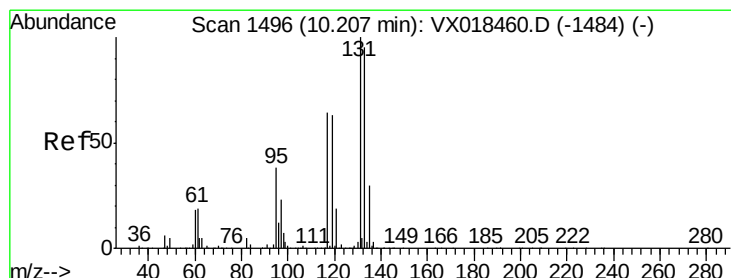
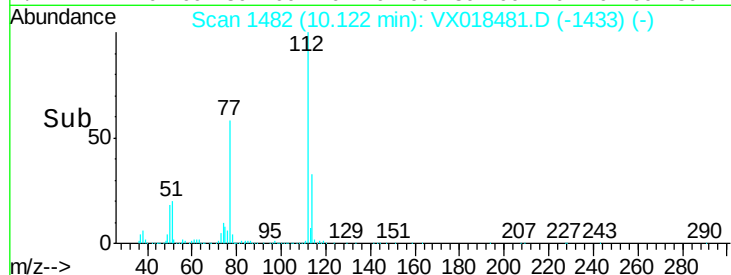
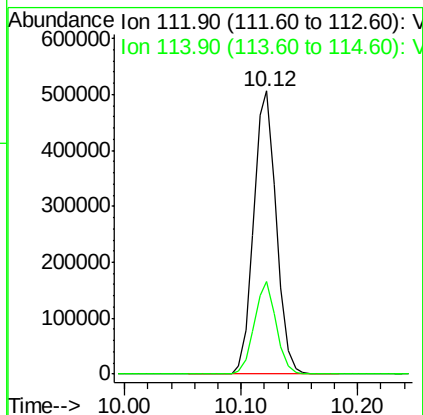
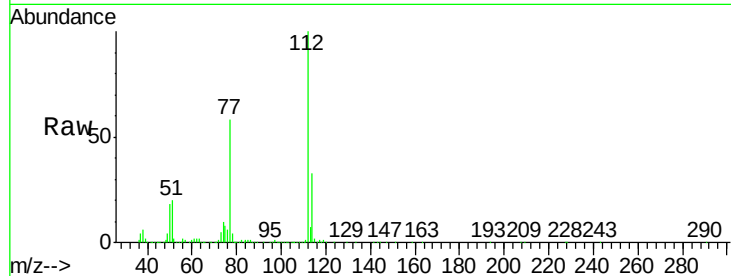
112 100

114 32.8 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.969 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

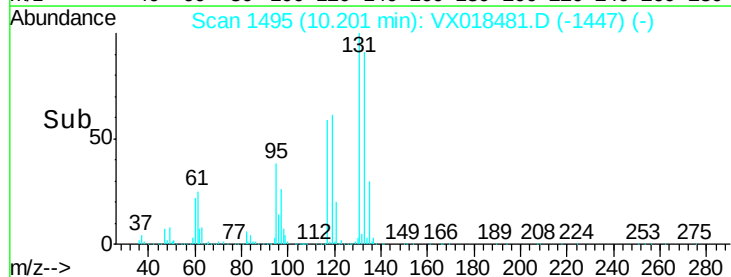
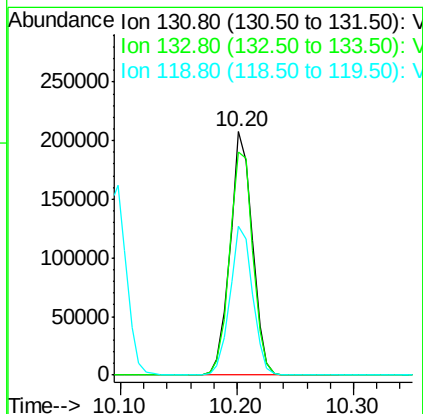
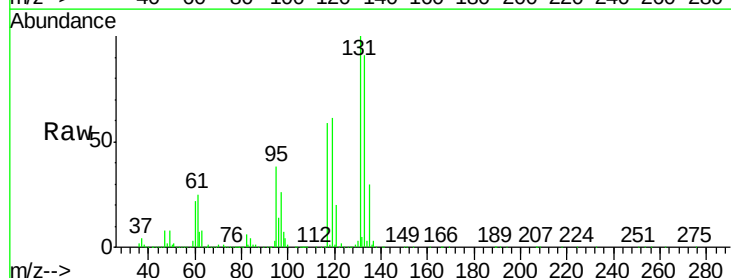
Tgt Ion:131 Resp: 276485

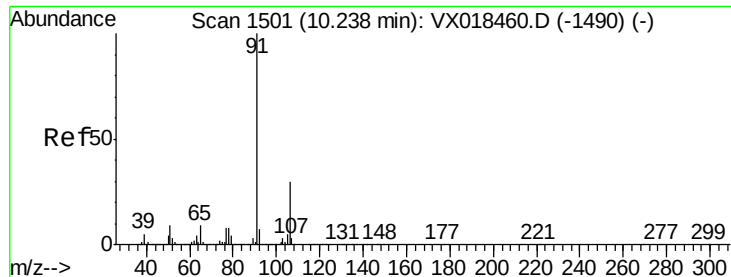
Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.4

119 61.9 31.9 95.7





#67

Ethyl Benzene

Concen: 52.022 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1217609

Ion Ratio Lower Upper

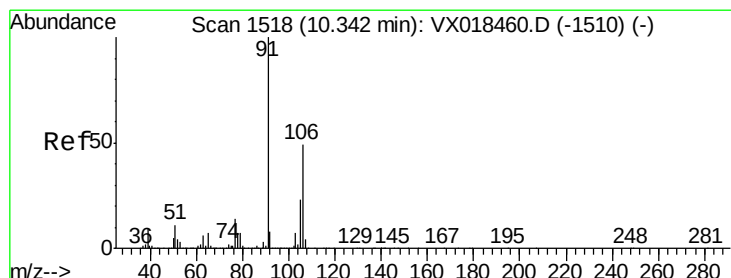
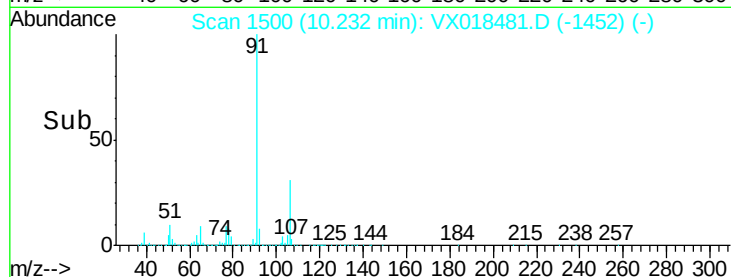
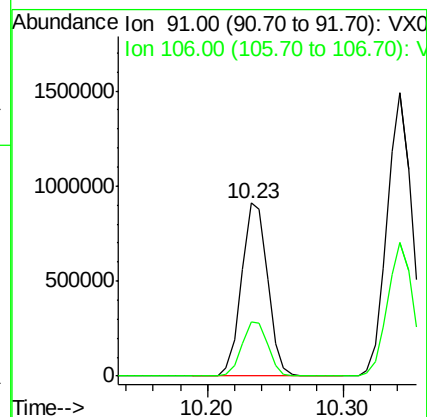
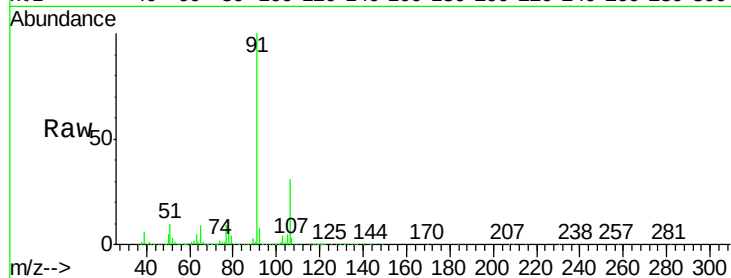
91 100

106 31.4 24.1 36.1

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#68

m/p-Xylenes

Concen: 103.517 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018481.D

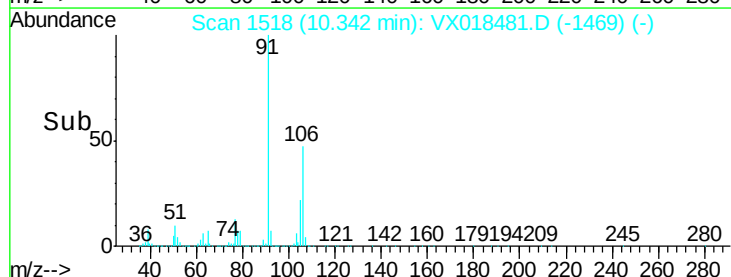
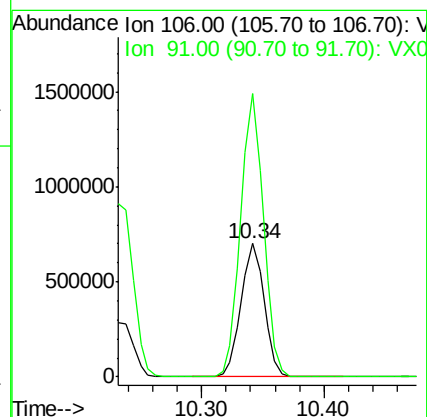
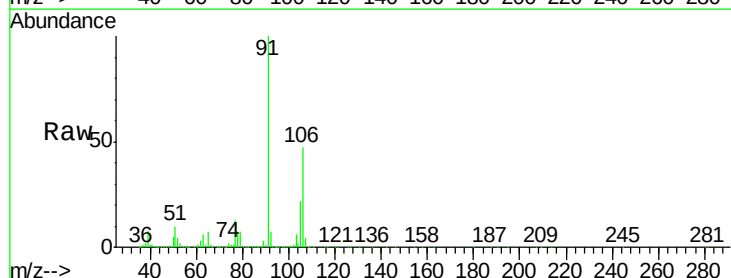
Acq: 18 Sep 2020 10:28

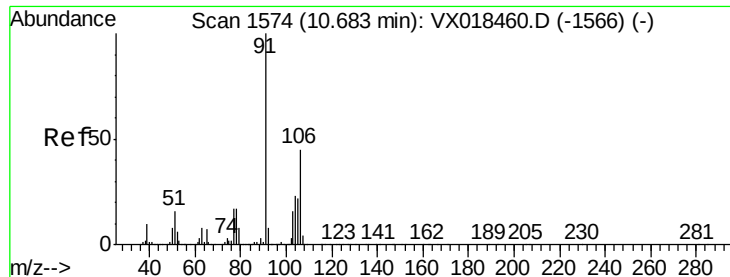
Tgt Ion: 106 Resp: 916537

Ion Ratio Lower Upper

106 100

91 209.0 163.8 245.6





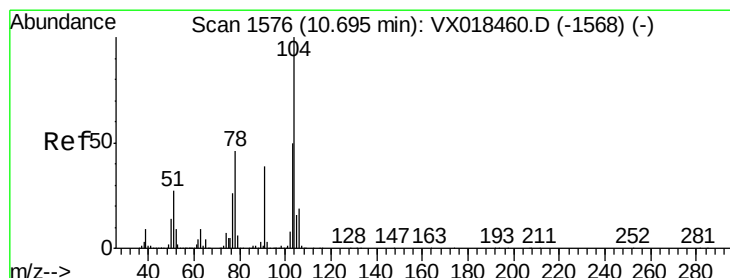
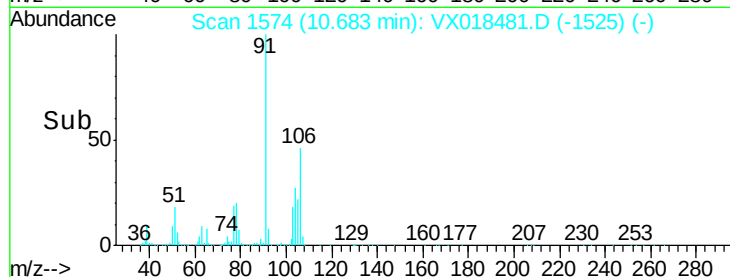
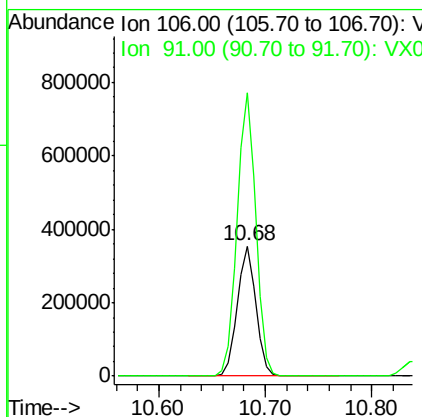
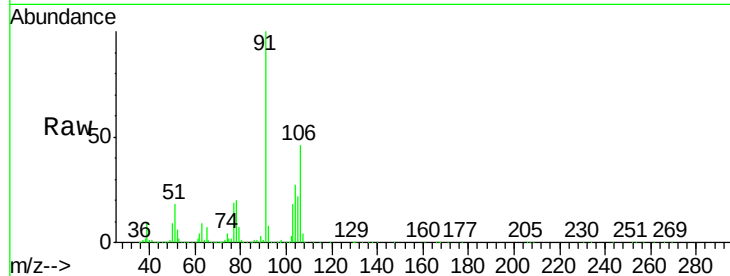
#69
o-Xylene
Concen: 52.060 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	436479		
91	218.9	109.7	329.0	

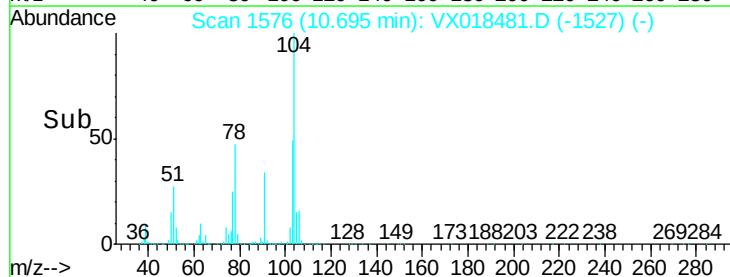
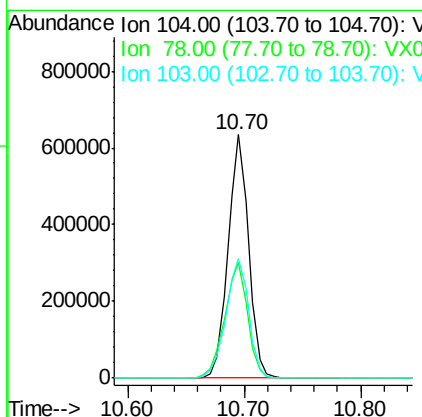
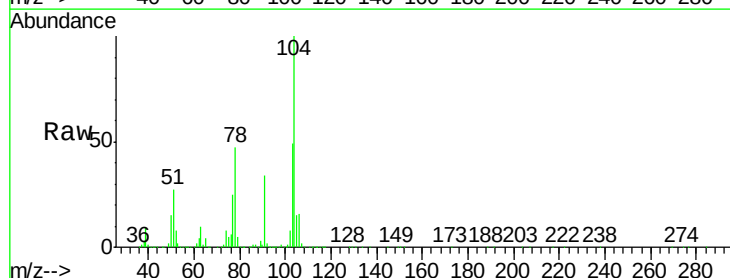
Manual Integrations
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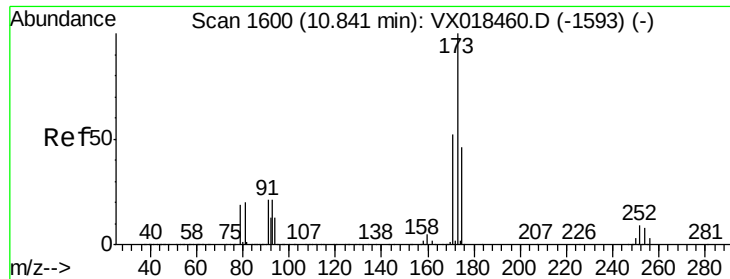
MMDadoda
9/21/2020 11:50:41 AM



#70
Styrene
Concen: 53.603 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	775996		
78	52.7	40.5	60.7	
103	54.8	43.2	64.8	





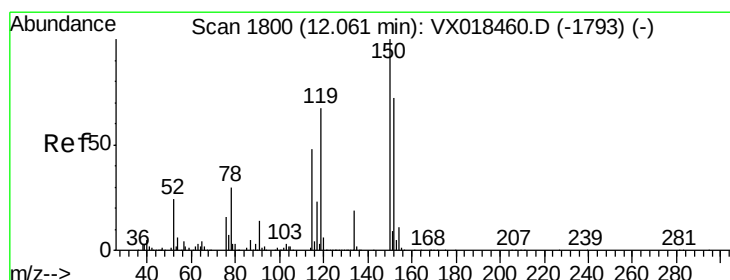
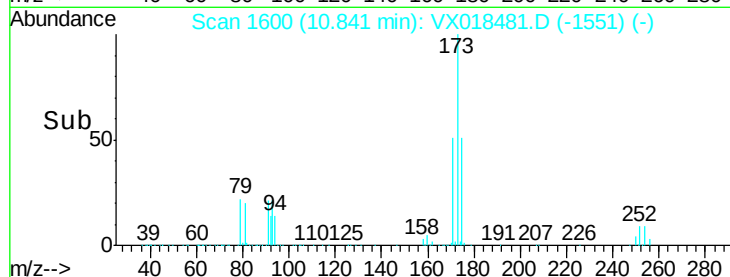
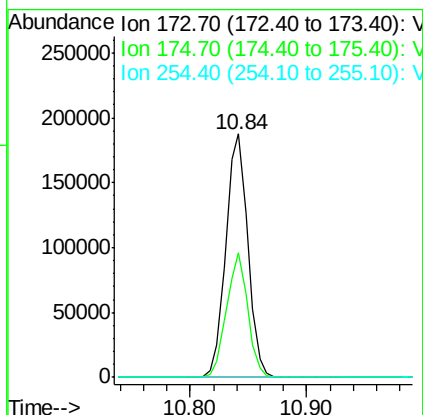
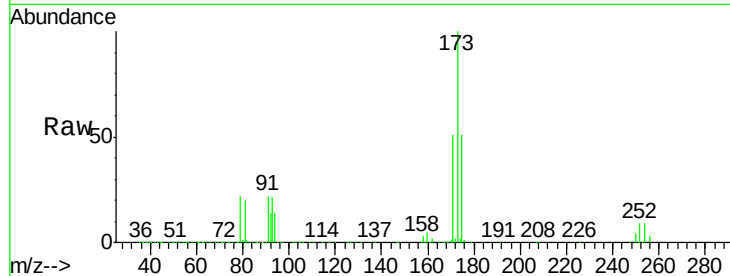
#71
Bromoform
Concen: 53.833 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.6	70.8
254	0.1	0.1	0.1#

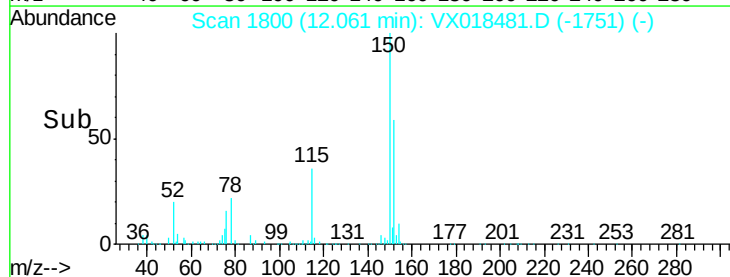
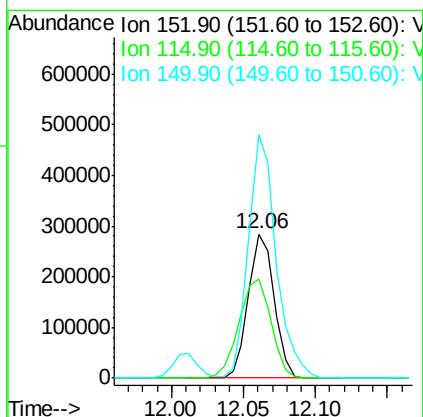
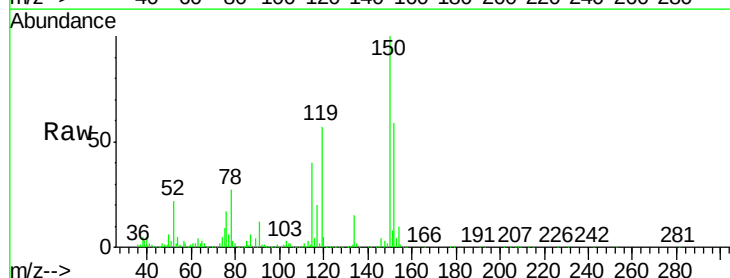
Manual Integrations
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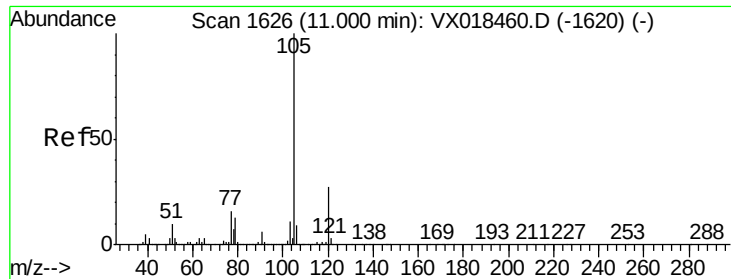
MMDadoda
9/21/2020 11:50:41 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.6	41.8	125.4
150	181.2	0.0	342.4





#73

Isopropylbenzene

Concen: 52.063 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1223527

Ion Ratio Lower Upper

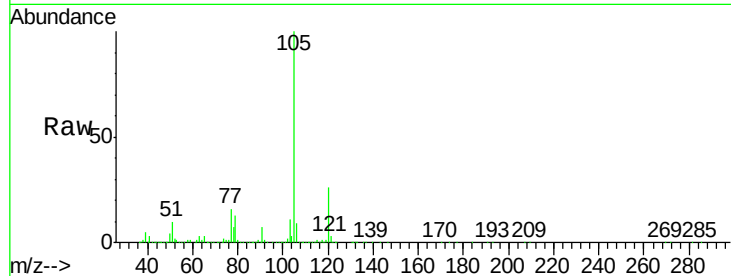
105 100

120 26.6 13.4 40.2

Manual Integrations
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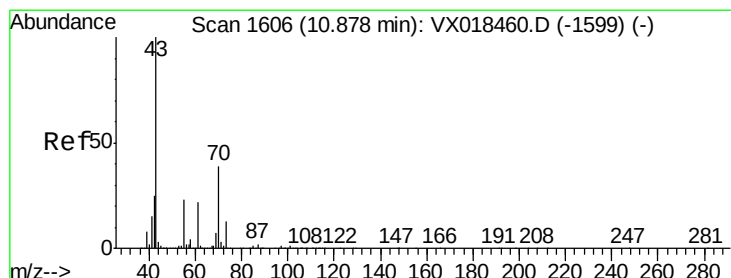
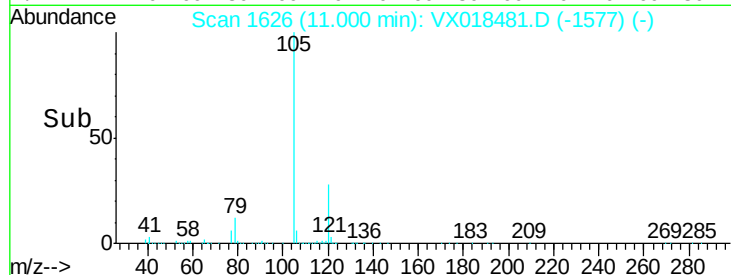
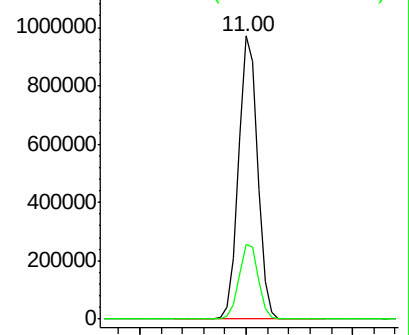
MMDadoda

9/21/2020 11:50:41 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.213 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion: 43 Resp: 510103

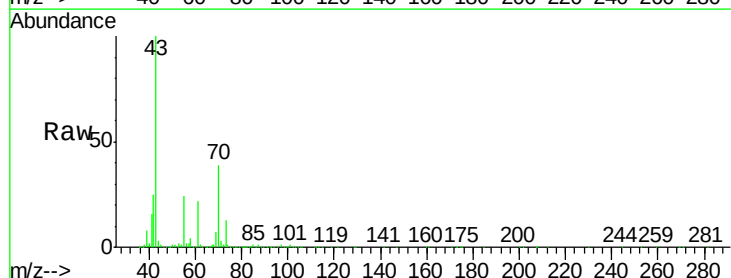
Ion Ratio Lower Upper

43 100

70 40.2 32.2 48.4

55 24.3 18.8 28.2

61 23.5 19.0 28.4

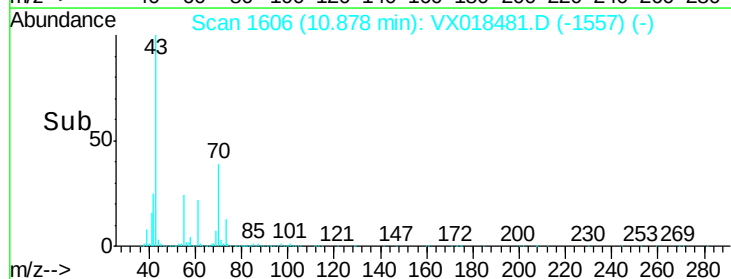
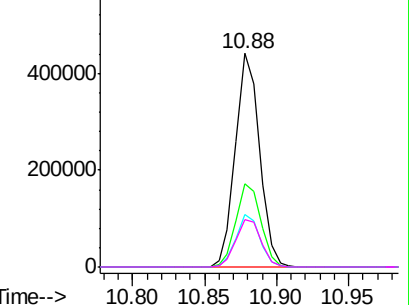


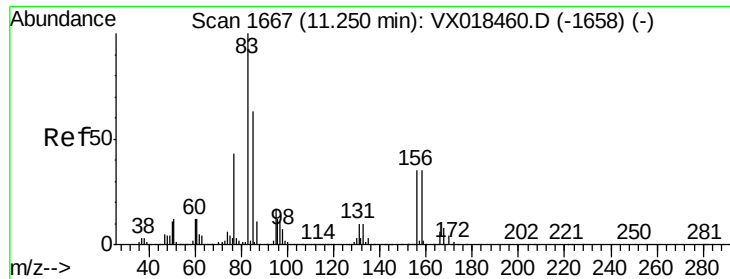
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.074 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

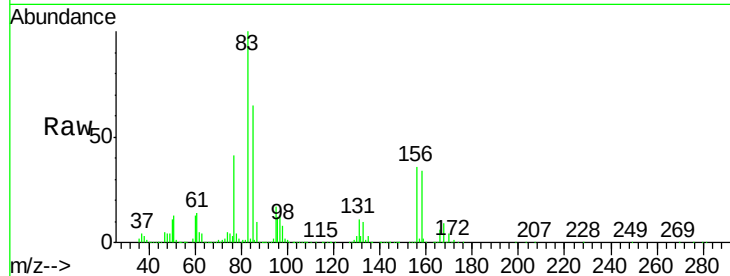
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	366178
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.1	15.4
85	65.9	31.8	95.4

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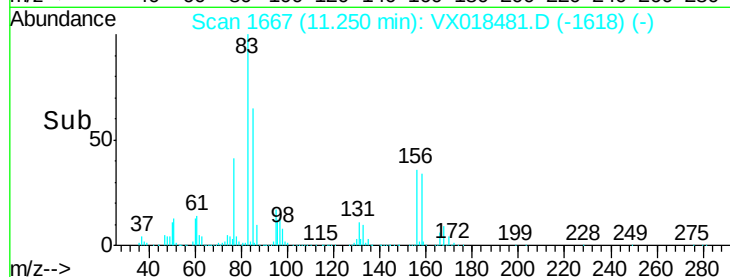


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

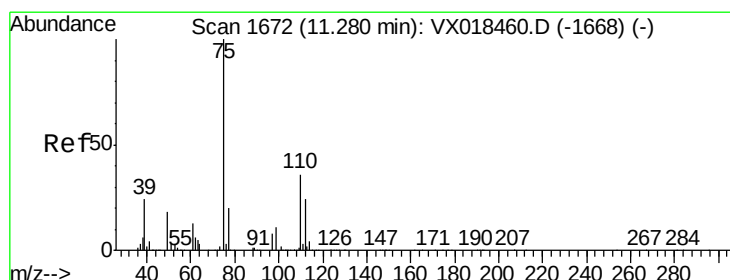
Ion 84.90 (84.60 to 85.60): VX0

Time-->



Abundance

Time-->



#76

1,2,3-Trichloropropane

Concen: 49.007 ug/l m

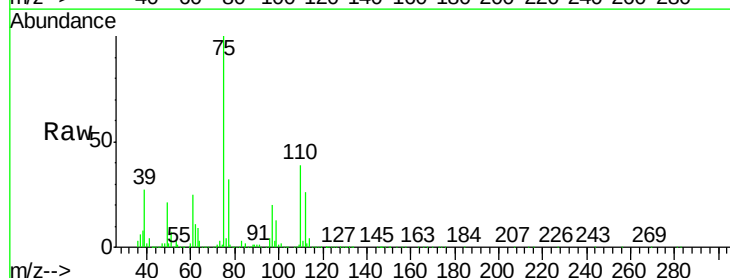
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

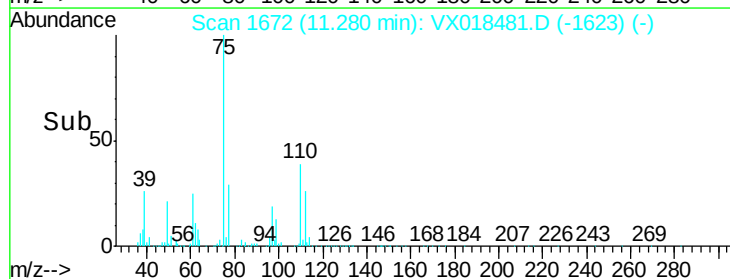
Tgt Ion:	75	Resp:	362292
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.9	62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

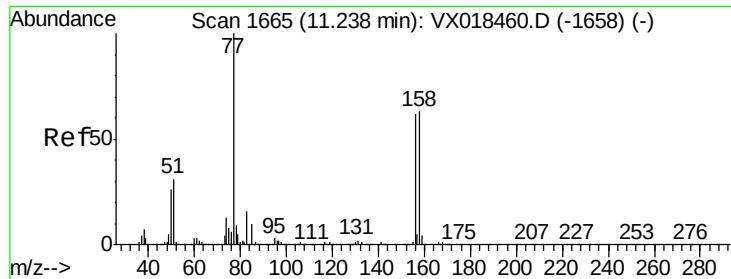
Ion 77.00 (76.70 to 77.70): VX0

Time-->



Abundance

Time-->



#77

Bromobenzene

Concen: 49.576 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

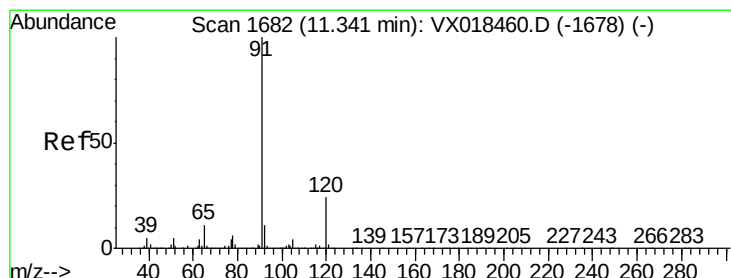
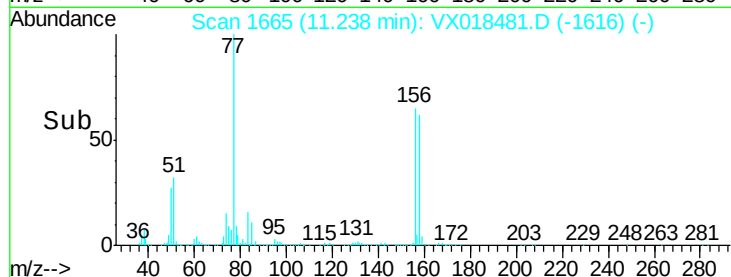
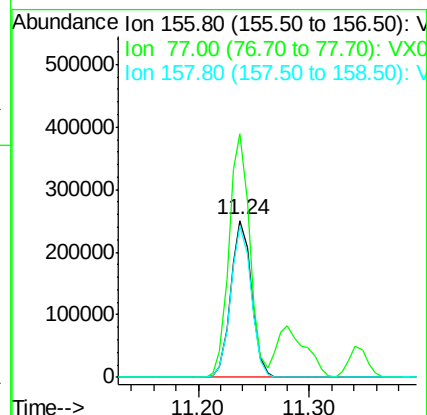
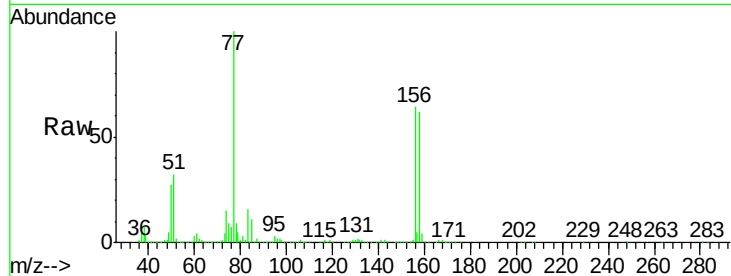
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	321467
Ion Ratio	Lower	Upper	
156	100		
77	155.8	78.8	236.5
158	95.6	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 52.040 ug/l

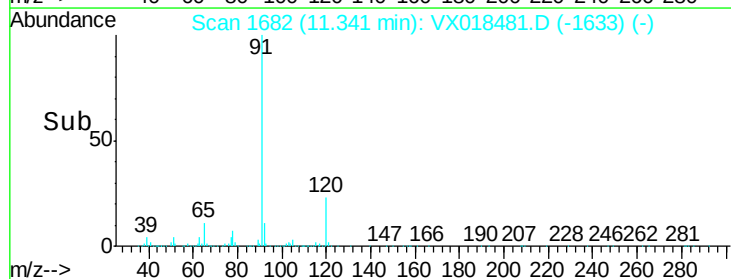
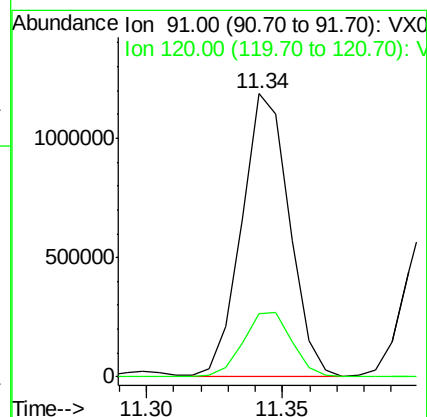
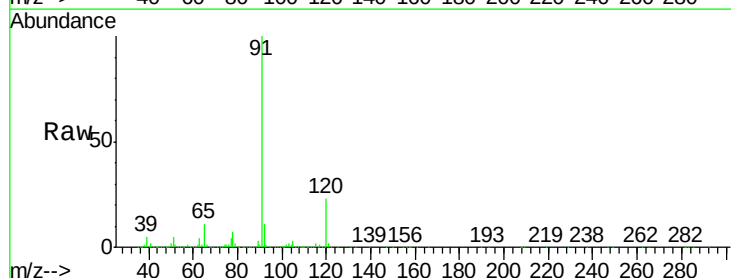
RT: 11.34 min Scan# 1682

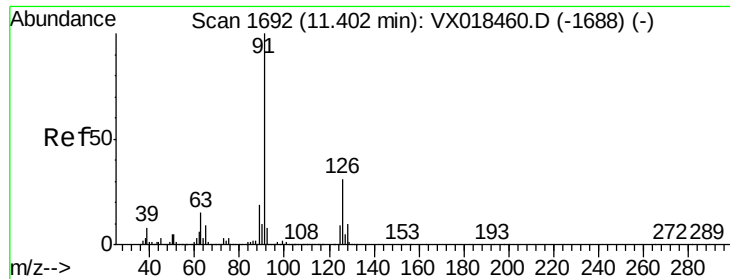
Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	91	Resp:	1431524
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





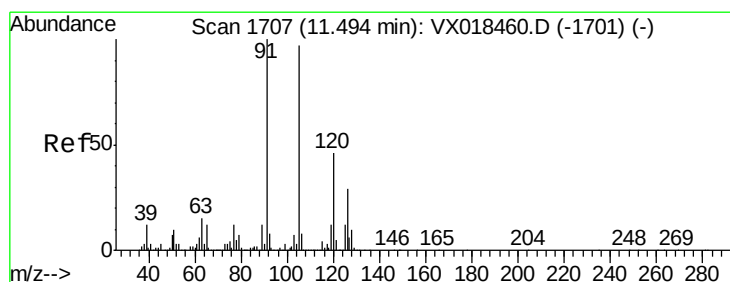
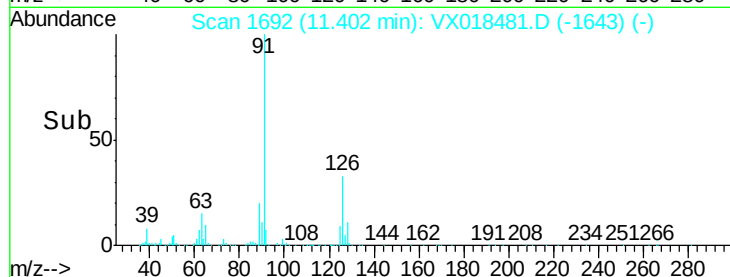
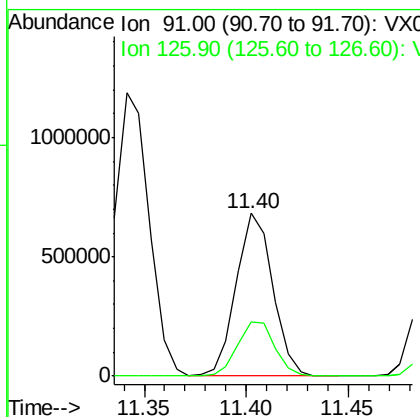
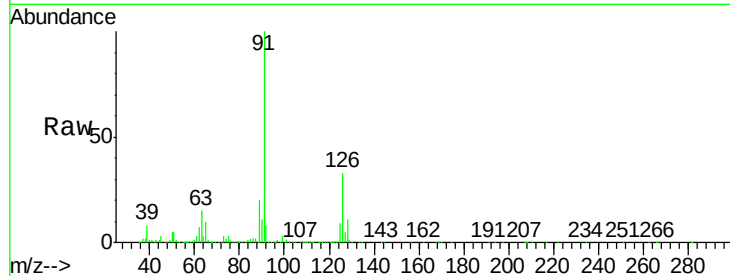
#79
2-Chlorotoluene
Concen: 50.691 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 844065
Ion Ratio Lower Upper
91 100
126 34.6 16.6 49.7

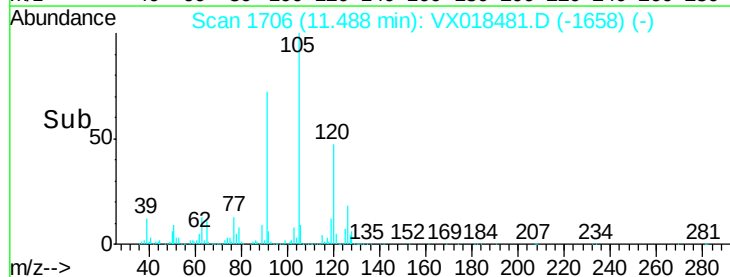
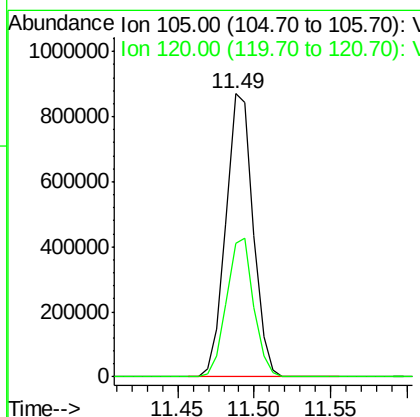
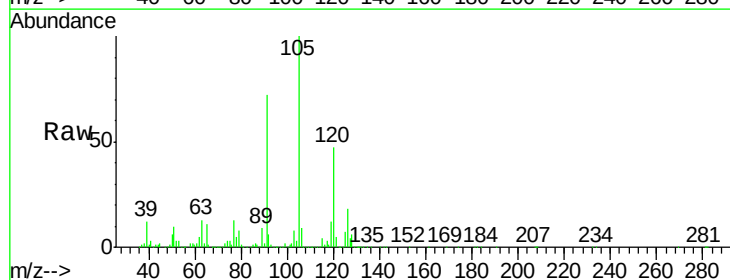
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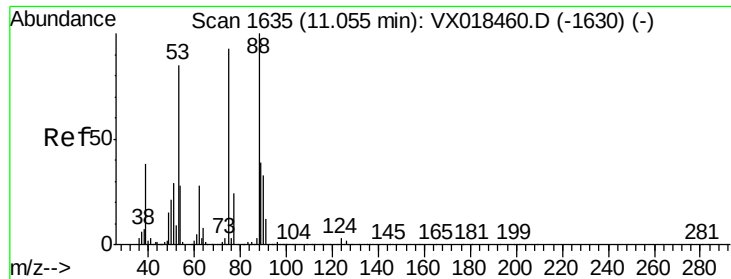
MMDadoda
9/21/2020 11:50:41 AM



#80
1,3,5-Trimethylbenzene
Concen: 53.557 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion: 105 Resp: 1076413
Ion Ratio Lower Upper
105 100
120 48.5 23.6 71.0





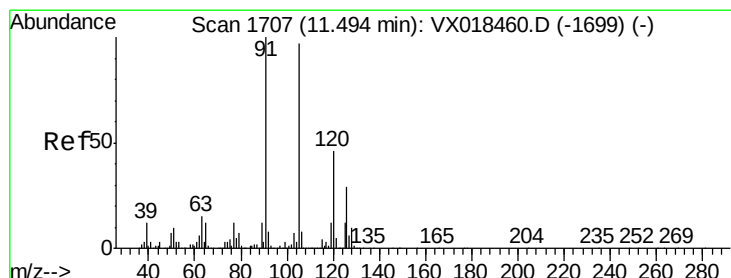
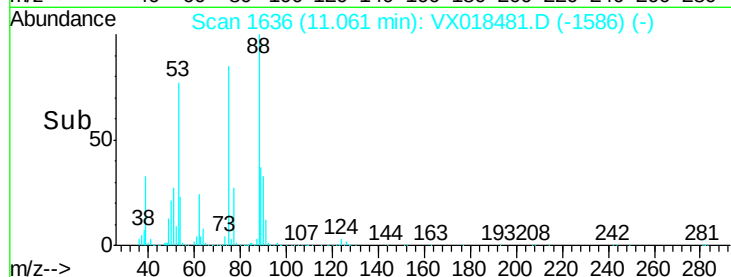
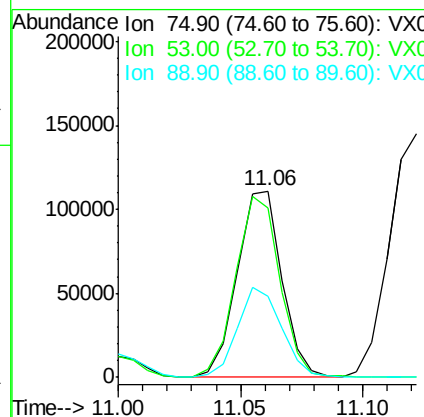
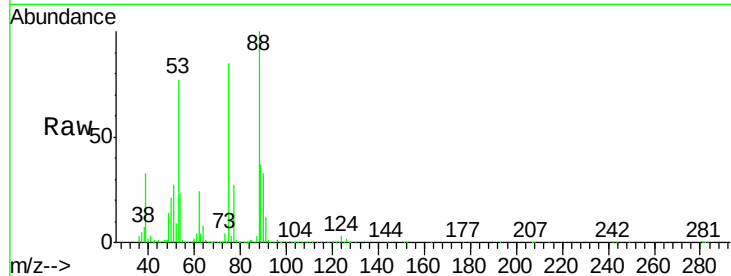
#81
trans-1,4-Dichloro-2-butene
Concen: 48.910 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.4	74.6	111.8
89	47.8	36.2	54.4

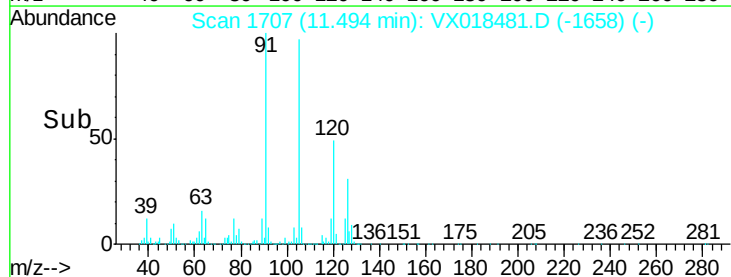
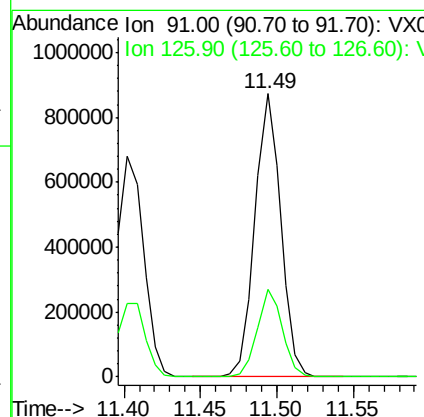
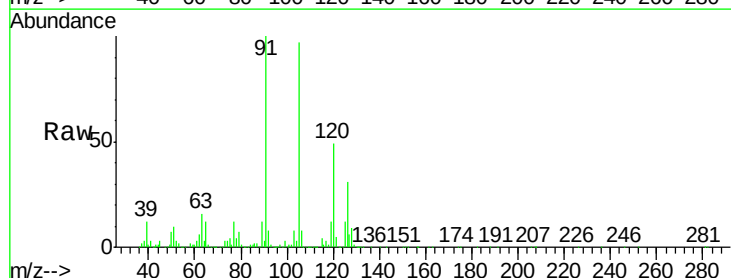
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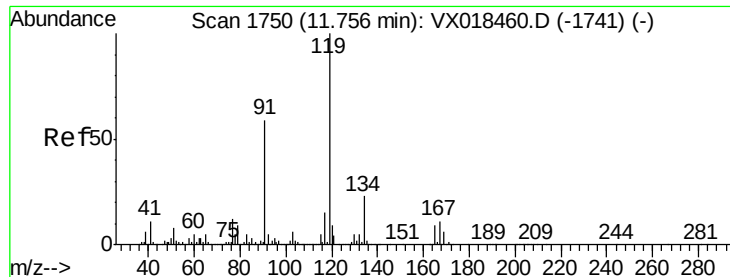
MMDadoda
9/21/2020 11:50:41 AM



#82
4-Chlorotoluene
Concen: 51.946 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.0	45.0





#83

tert-Butylbenzene

Concen: 53.106 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1036297

Ion Ratio Lower Upper

119 100

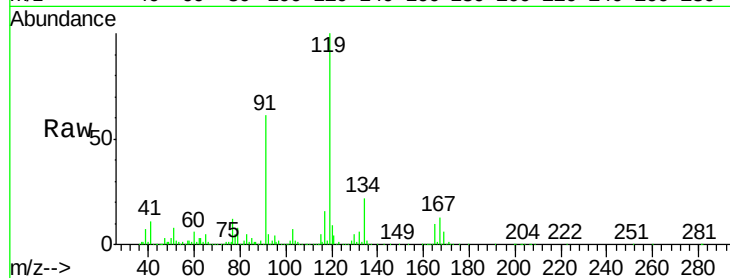
91 58.5 28.9 86.7

134 22.1 11.3 33.8

Manual Integrations
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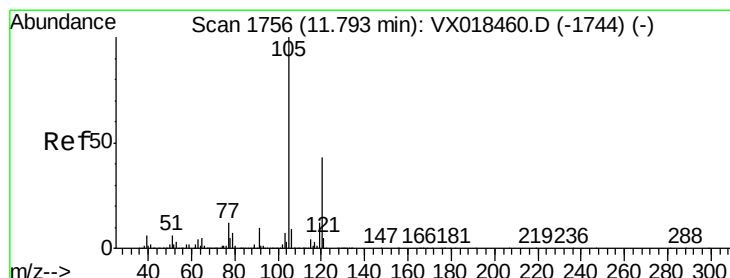
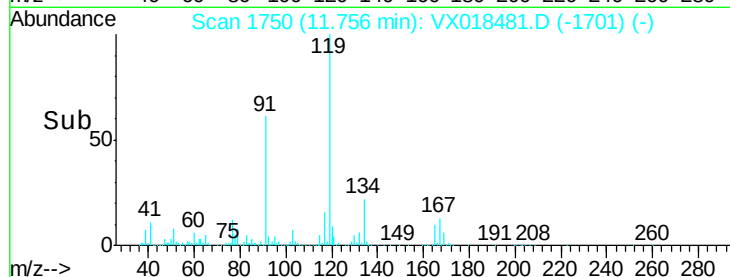
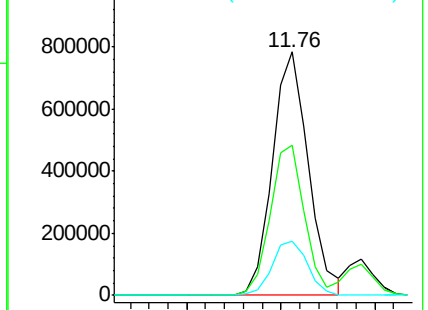
9/21/2020 11:50:41 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.768 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018481.D

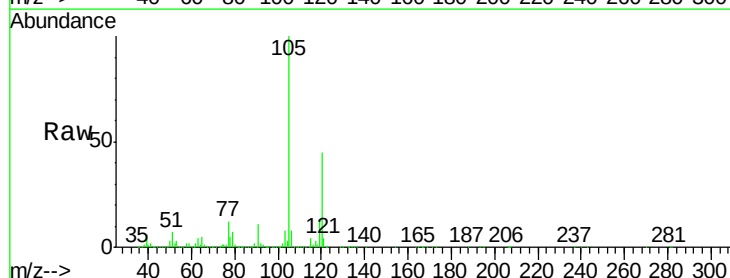
Acq: 18 Sep 2020 10:28

Tgt Ion:105 Resp: 1088313

Ion Ratio Lower Upper

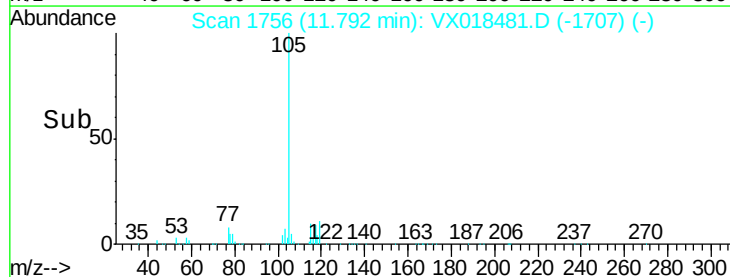
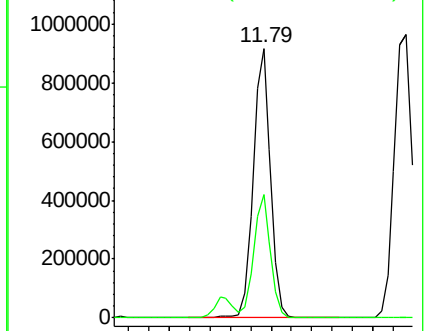
105 100

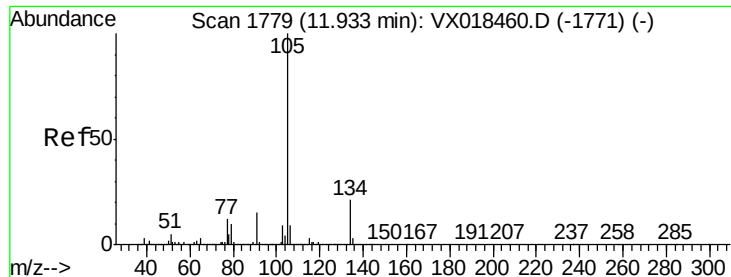
120 44.5 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.303 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1204257

Ion Ratio Lower Upper

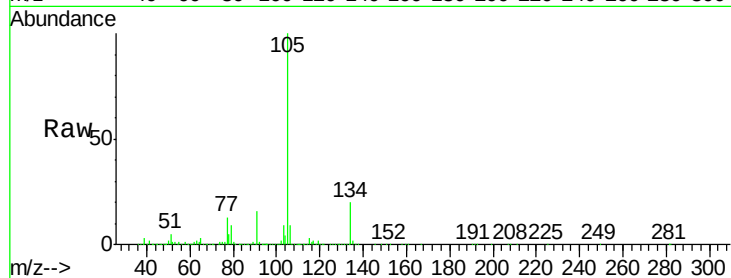
105 100

134 20.5 10.2 30.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

1000000

800000

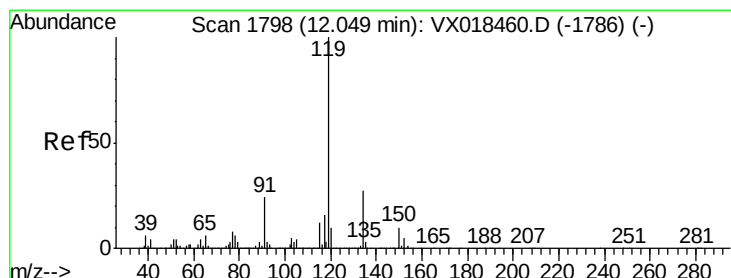
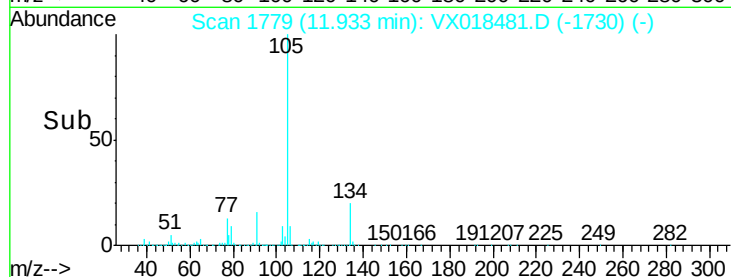
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.514 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

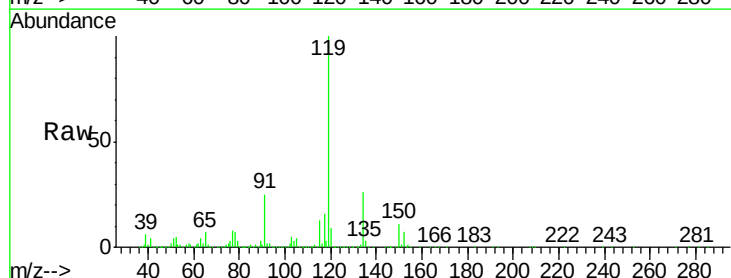
Tgt Ion:119 Resp: 1153545

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 24.7 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

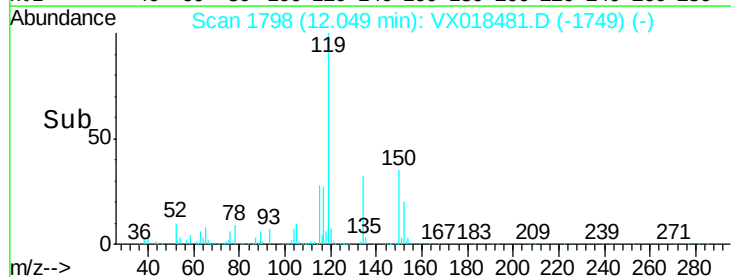
12.05

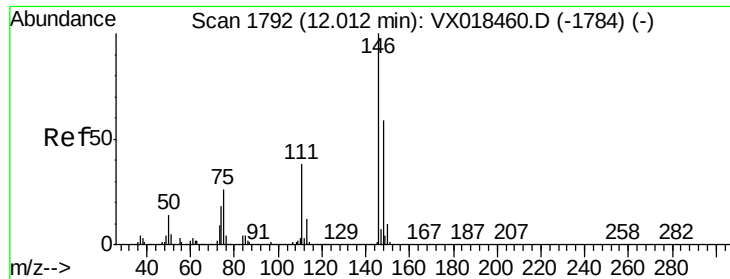
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.841 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

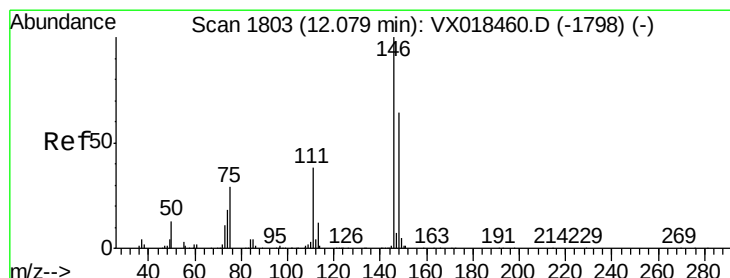
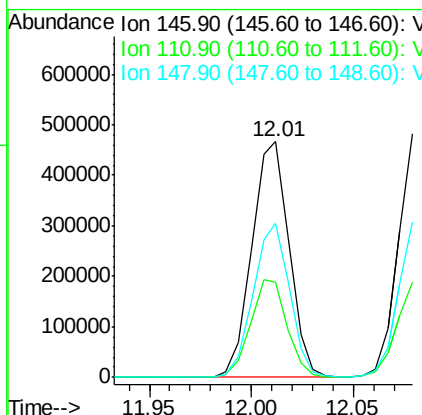
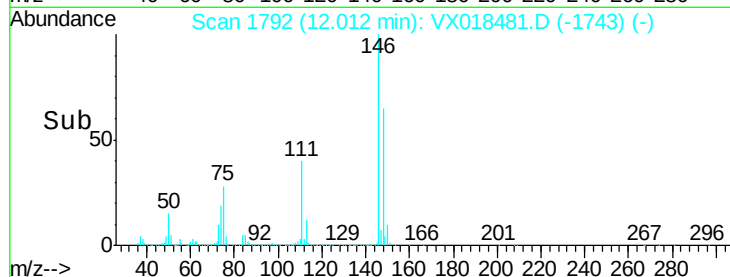
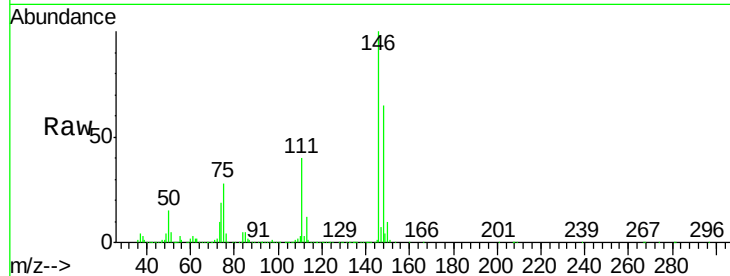
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	592746
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.4	61.2
148	63.7	31.1	93.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.980 ug/l

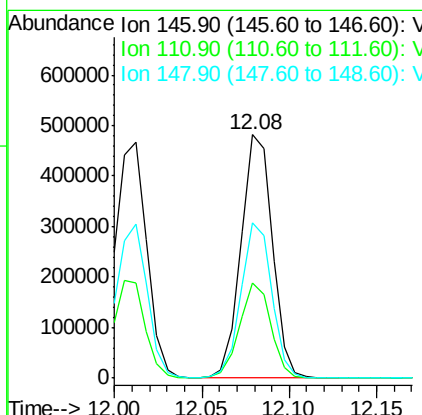
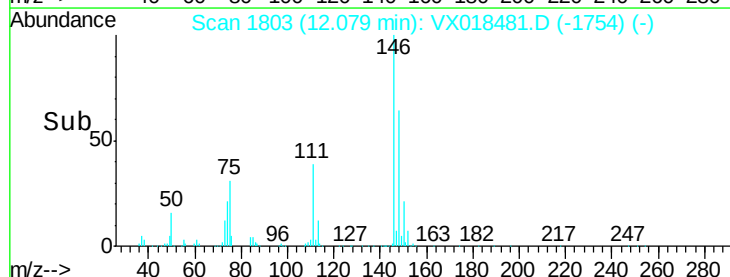
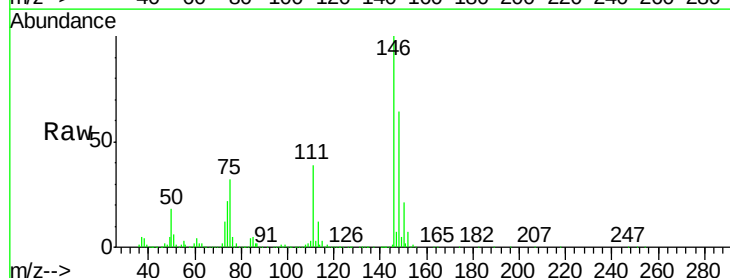
RT: 12.08 min Scan# 1803

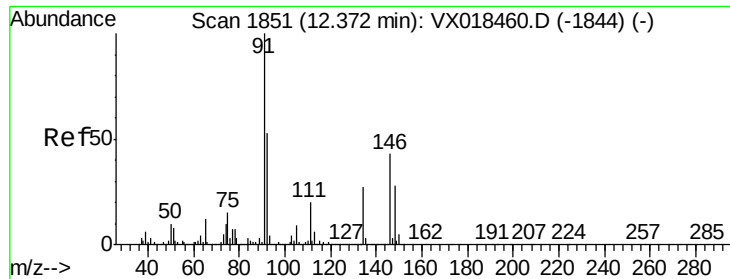
Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	146	Resp:	602650
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.4	58.4
148	62.7	31.8	95.4





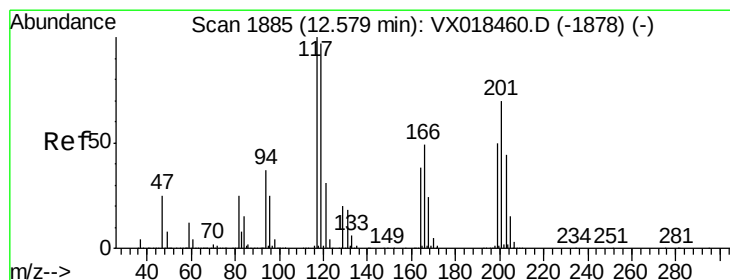
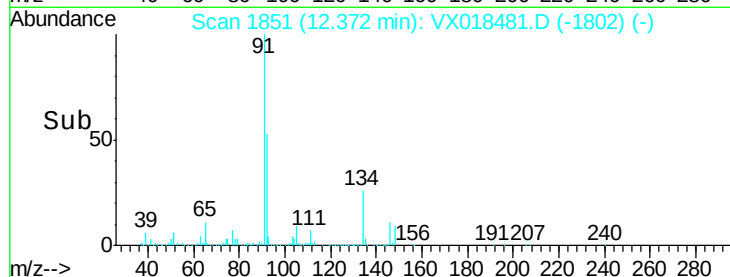
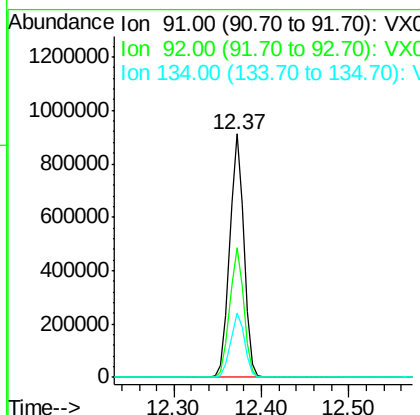
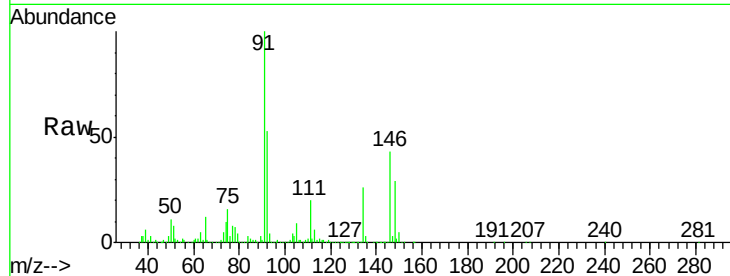
#89
n-Butylbenzene
Concen: 52.446 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1027396
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.2
134 26.4 13.3 39.8

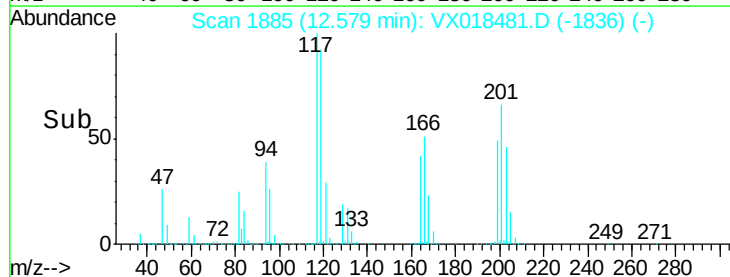
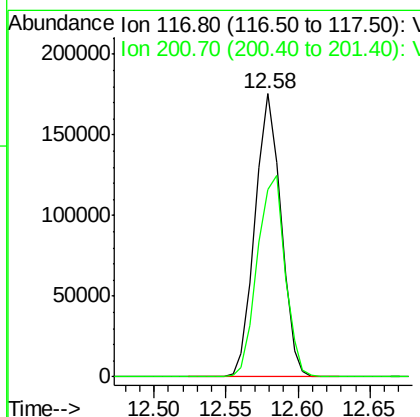
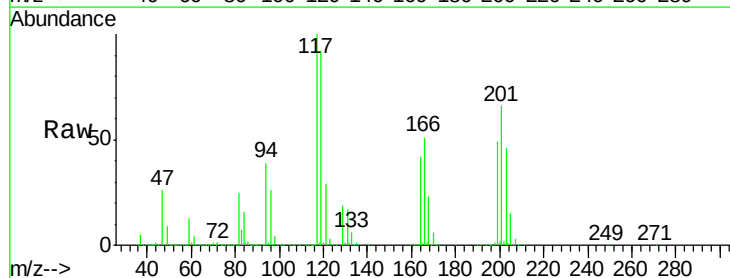
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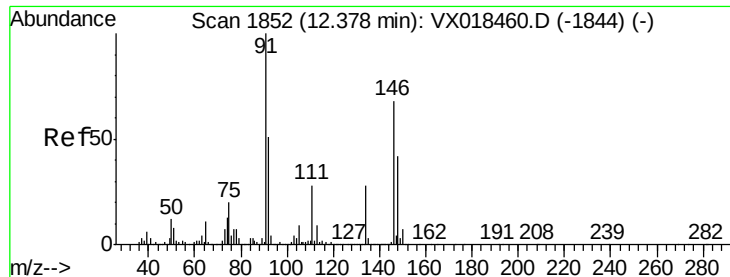
MMDadoda
9/21/2020 11:50:41 AM



#90
Hexachloroethane
Concen: 51.543 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion: 117 Resp: 217743
Ion Ratio Lower Upper
117 100
201 76.1 36.2 108.6





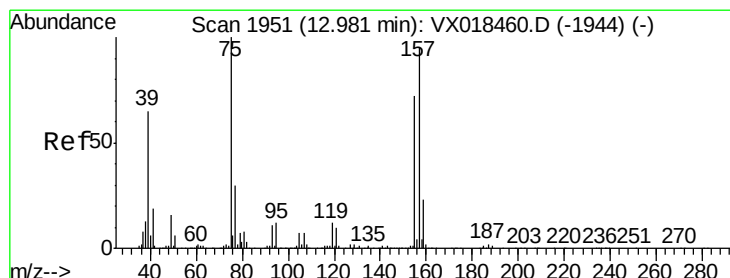
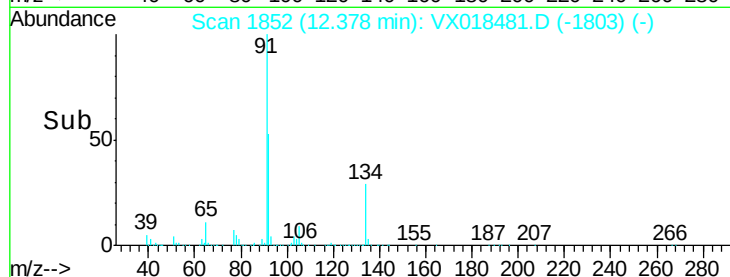
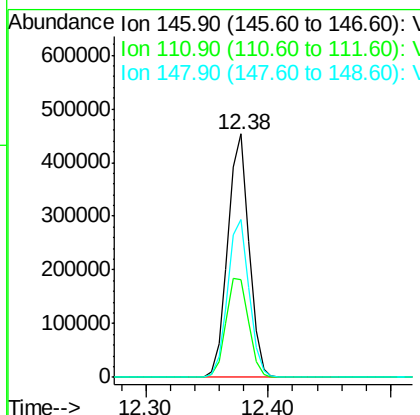
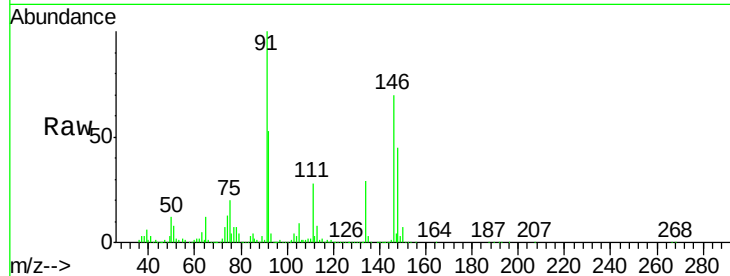
#91
1,2-Dichlorobenzene
Concen: 49.714 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	542486		
111	43.7	21.5	64.5	
148	65.4	32.1	96.5	

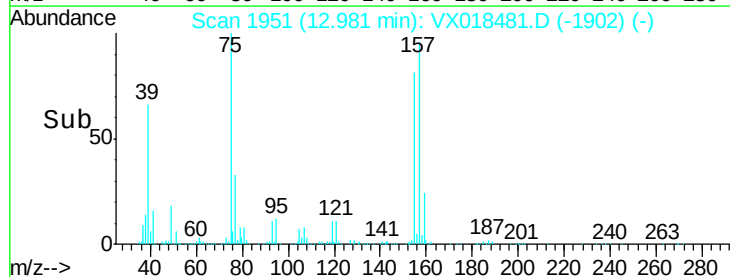
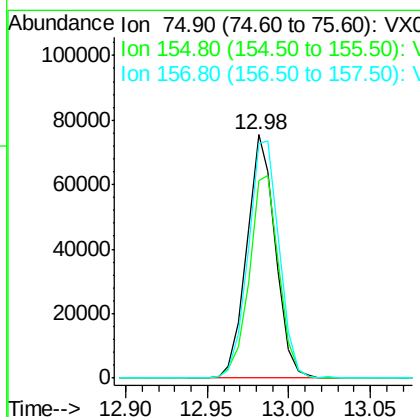
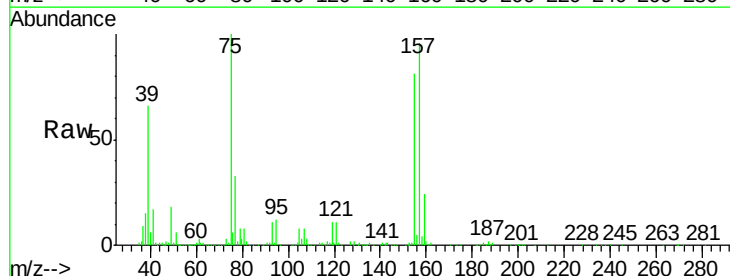
Manual Integrations
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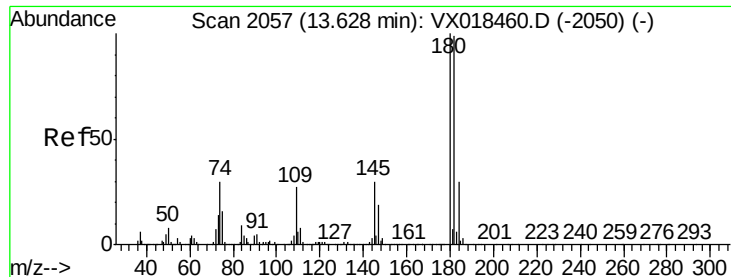
MMDadoda
9/21/2020 11:50:41 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.963 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX018481.D
Acq: 18 Sep 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92461		
155	86.1	38.8	116.4	
157	105.1	51.1	153.3	





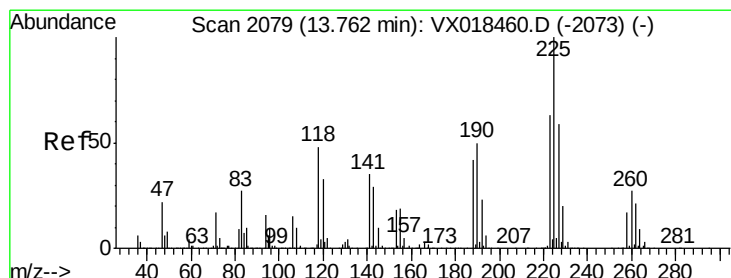
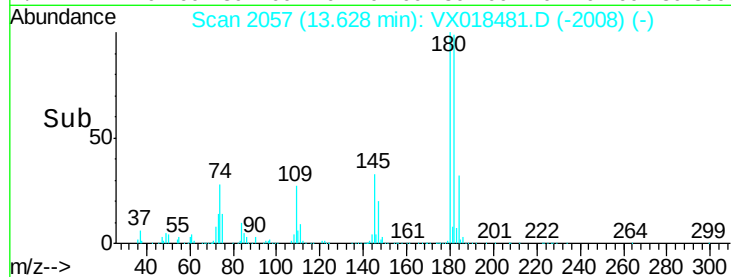
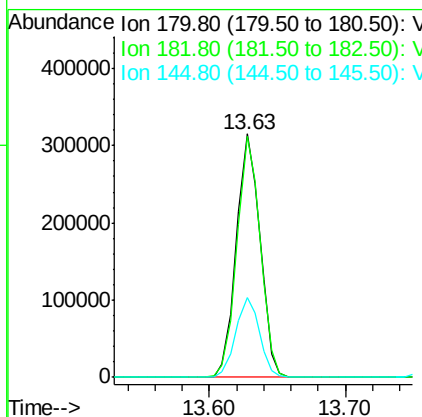
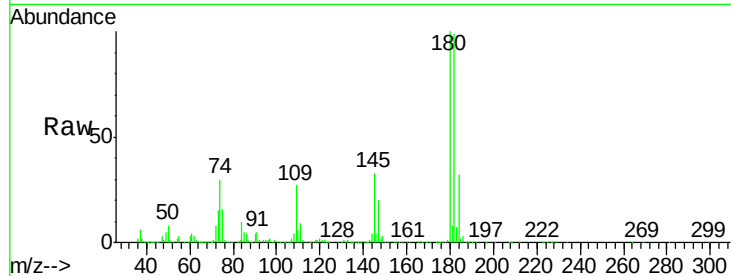
#93
 1,2,4-Trichlorobenzene
 Concen: 50.352 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	382406
Ion Ratio	Lower	Upper	
180	100		
182	97.5	50.2	150.6
145	32.9	15.7	47.1

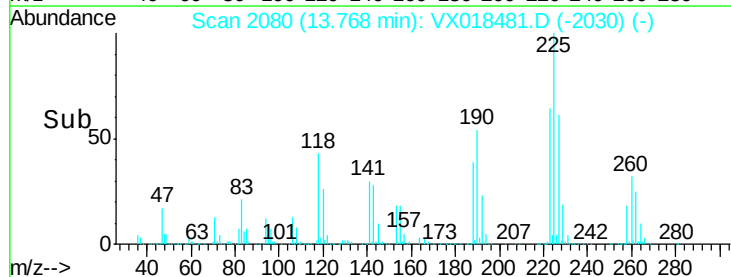
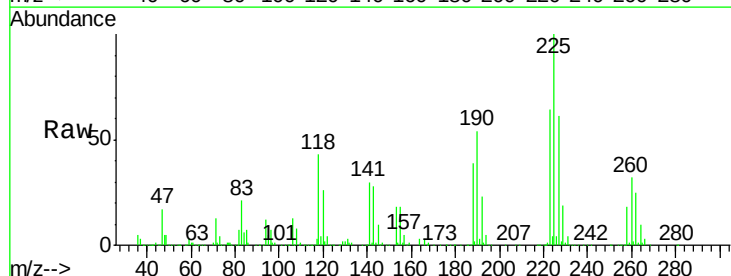
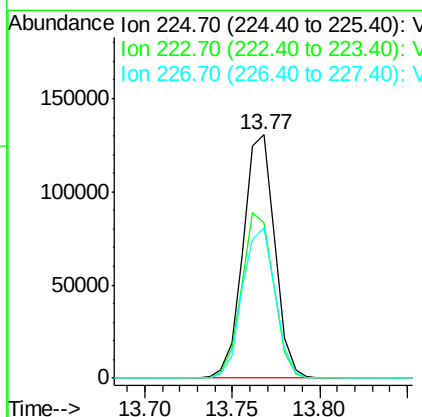
Manual Integrations
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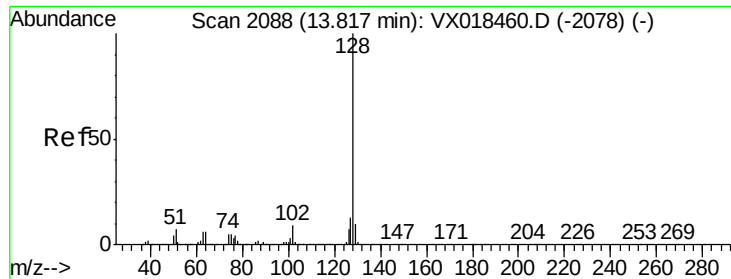
MMDadoda
 9/21/2020 11:50:41 AM



#94
 Hexachlorobutadiene
 Concen: 51.505 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018481.D
 Acq: 18 Sep 2020 10:28

Tgt Ion:	225	Resp:	164143
Ion Ratio	Lower	Upper	
225	100		
223	68.6	32.0	96.2
227	64.0	31.7	95.1





#95

Naphthalene

Concen: 50.550 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Instrument :

MSVOA_X

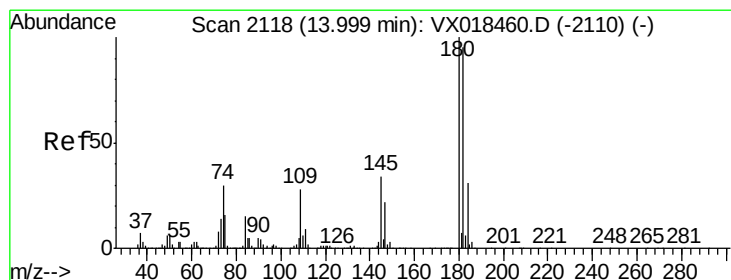
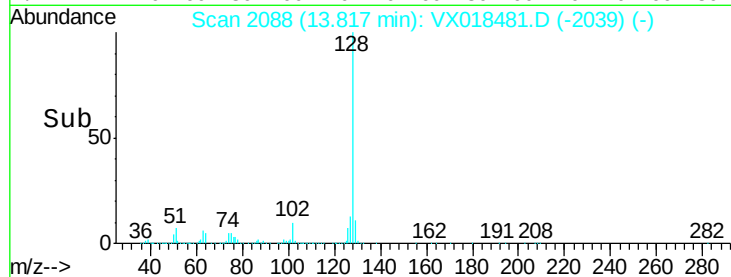
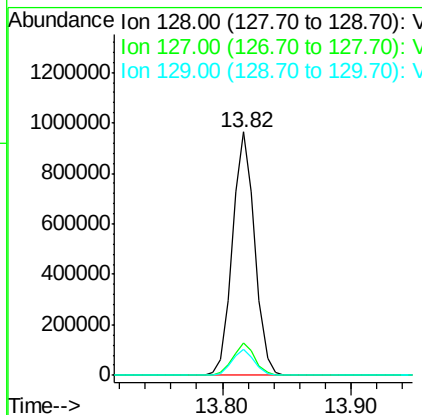
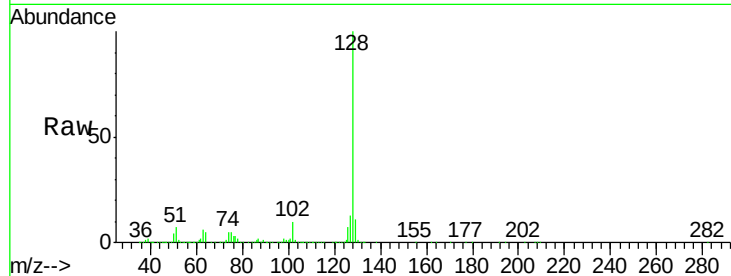
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1159417
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:50:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.925 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018481.D

Acq: 18 Sep 2020 10:28

Tgt Ion:	180	Resp:	369622
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.1	141.3
145	34.0	16.8	50.4

