

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017586.D
 Acq On : 25 Jul 2020 11:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:27 AM

Quant Time: Jul 27 02:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	487265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	800665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	688611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	413320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	358012	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	5.47	113	275379	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.70	98	976268	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	377367	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	208172	45.967	ug/l	99
3) Chloromethane	1.31	50	310662	51.567	ug/l	99
4) Vinyl Chloride	1.39	62	302193	49.284	ug/l	100
5) Bromomethane	1.62	94	179498	54.754	ug/l	100
6) Chloroethane	1.70	64	179809	53.229	ug/l	93
7) Trichlorofluoromethane	1.91	101	444831	46.123	ug/l	100
8) Diethyl Ether	2.17	74	169023	54.171	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	229029	43.274	ug/l	96
10) Methyl Iodide	2.49	142	320747	47.371	ug/l	98
11) Tert butyl alcohol	3.02	59	403349	305.761	ug/l	99
12) 1,1-Dichloroethene	2.35	96	250470	49.766	ug/l	97
13) Acrolein	2.28	56	237852	236.389	ug/l	98
14) Allyl chloride	2.71	41	458903	49.935	ug/l	99
15) Acrylonitrile	3.12	53	822893	288.811	ug/l	99
16) Acetone	2.42	43	780903	283.463	ug/l	97
17) Carbon Disulfide	2.55	76	730756	47.769	ug/l	99
18) Methyl Acetate	2.75	43	367168	56.591	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	956879	54.930	ug/l	99
20) Methylene Chloride	2.84	84	302947	58.610	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	284865	52.834	ug/l	98
22) Diisopropyl ether	3.82	45	943230	56.133	ug/l #	86
23) Vinyl Acetate	3.79	43	4287157	286.145	ug/l	100
24) 1,1-Dichloroethane	3.67	63	532126	54.973	ug/l	99
25) 2-Butanone	4.63	43	1193741	305.026	ug/l	98
26) 2,2-Dichloropropane	4.55	77	262401	30.284	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	320646	54.753	ug/l	95
28) Bromochloromethane	4.98	49	219421	50.022	ug/l	99
29) Tetrahydrofuran	5.09	42	761318	314.054	ug/l	98
30) Chloroform	5.18	83	552724	55.884	ug/l	97
31) Cyclohexane	5.55	56	377954	48.963	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	497711	53.364	ug/l	100
36) 1,1-Dichloropropene	5.77	75	380401	49.537	ug/l	100
37) Ethyl Acetate	4.79	43	453050	53.921	ug/l	100
38) Carbon Tetrachloride	5.75	117	451923	48.463	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	365150	40.733	ug/l	99
40) Benzene	6.12	78	1142405	51.891	ug/l	98
41) Methacrylonitrile	5.01	41	252690	52.469	ug/l	99
42) 1,2-Dichloroethane	6.17	62	478462	53.123	ug/l	99
43) Isopropyl Acetate	6.42	43	746028	53.814	ug/l	100
44) Trichloroethene	7.19	130	333832	51.887	ug/l	100
45) 1,2-Dichloropropane	7.49	63	305646	50.081	ug/l	99
46) Dibromomethane	7.64	93	217327	50.387	ug/l	98
47) Bromodichloromethane	7.88	83	453783	52.288	ug/l	98
48) Methyl methacrylate	7.75	41	373269	54.319	ug/l	99
49) 1,4-Dioxane	7.71	88	167168	1268.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2318525	280.302	ug/l	99
52) Toluene	8.77	92	712699	50.478	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	457748	47.118	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	480870	48.528	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	302258	51.390	ug/l	99
56) Ethyl methacrylate	9.16	69	475081	53.614	ug/l	99
57) 1,3-Dichloropropane	9.35	76	496355	51.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1202996	257.686	ug/l	99
59) 2-Hexanone	9.48	43	1720470	276.269	ug/l	99
60) Dibromochloromethane	9.57	129	370946	49.621	ug/l	99
61) 1,2-Dibromoethane	9.65	107	314238	50.183	ug/l	100
64) Tetrachloroethene	9.32	164	315856	51.105	ug/l	96
65) Chlorobenzene	10.12	112	730747	49.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	301876	50.183	ug/l	100
67) Ethyl Benzene	10.24	91	1257912	50.558	ug/l	100
68) m/p-Xylenes	10.34	106	998163	103.558	ug/l	99
69) o-Xylene	10.68	106	489055	52.755	ug/l	98
70) Styrene	10.69	104	865625	54.882	ug/l	99
71) Bromoform	10.84	173	280408	53.803	ug/l #	97
73) Isopropylbenzene	11.00	105	1400077	49.378	ug/l	99
74) N-amyl acetate	10.88	43	586979	46.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	423708	47.874	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	395779m	46.550	ug/l	
77) Bromobenzene	11.24	156	385190	48.525	ug/l	97
78) n-propylbenzene	11.35	91	1475918	46.152	ug/l	100
79) 2-Chlorotoluene	11.40	91	897659	45.314	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1128185	46.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	139294	41.282	ug/l	96
82) 4-Chlorotoluene	11.49	91	1084632	46.415	ug/l	100
83) tert-Butylbenzene	11.76	119	1073273	46.332	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1135221	47.145	ug/l	99
85) sec-Butylbenzene	11.93	105	1210796	44.869	ug/l	99
86) p-Isopropyltoluene	12.05	119	1165458	45.352	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	628182	46.084	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	723075	51.211	ug/l	100
89) n-Butylbenzene	12.37	91	1084064	47.342	ug/l	99
90) Hexachloroethane	12.58	117	242339	47.832	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	678578	50.650	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108240	43.594	ug/l	97

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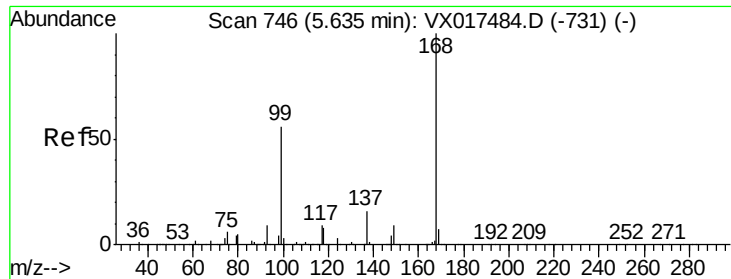
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	418262	45.744	ug/l	98
94) Hexachlorobutadiene	13.77	225	166289	39.509	ug/l	95
95) Naphthalene	13.82	128	1375480	50.393	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	427820	47.387	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 487265

Ion Ratio Lower Upper

168 100

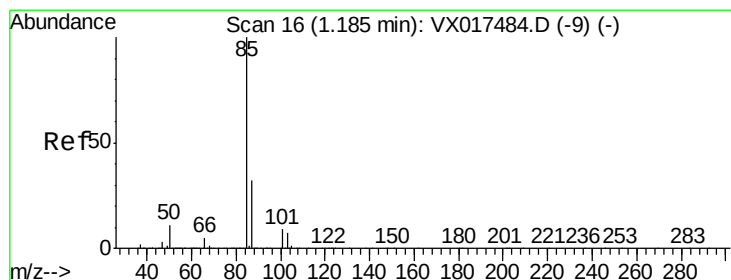
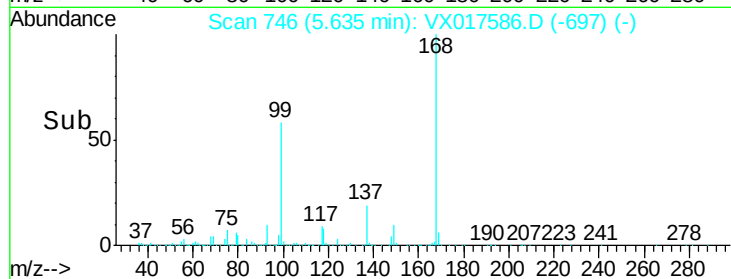
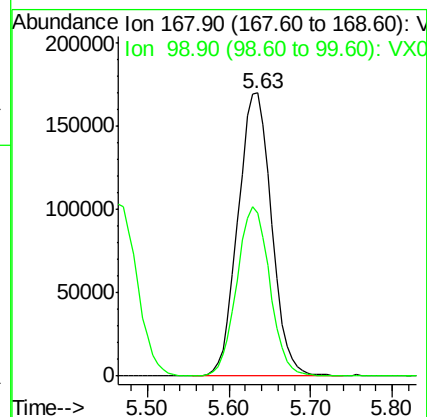
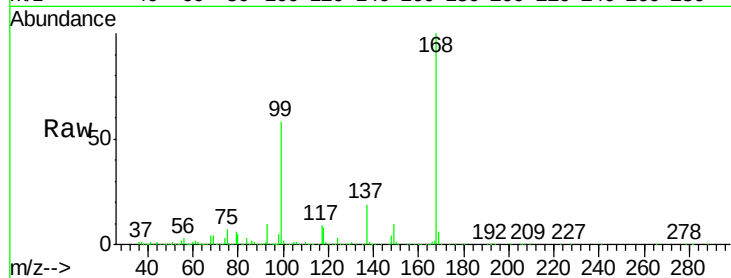
99 57.6 43.4 65.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 45.967 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017586.D

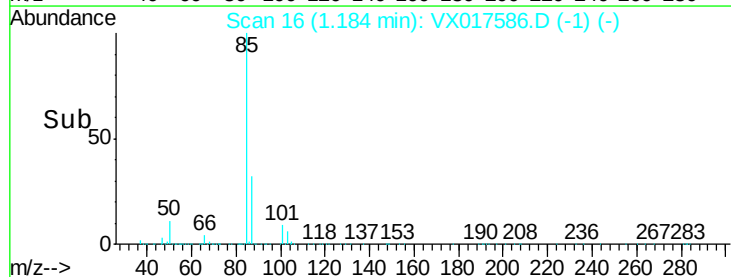
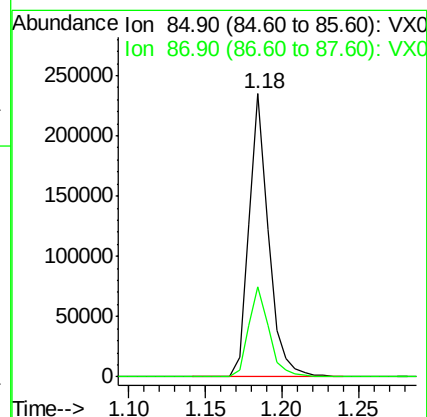
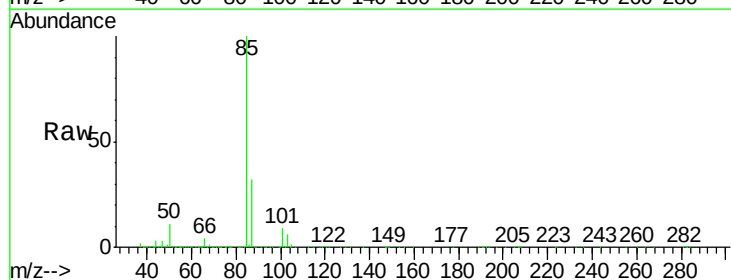
Acq: 25 Jul 2020 11:04

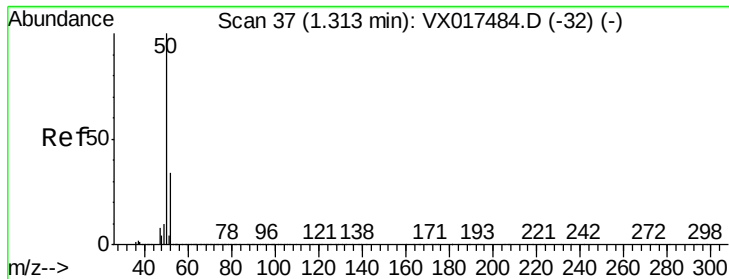
Tgt Ion: 85 Resp: 208172

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.3





#3

Chloromethane

Concen: 51.567 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 310662

Ion Ratio Lower Upper

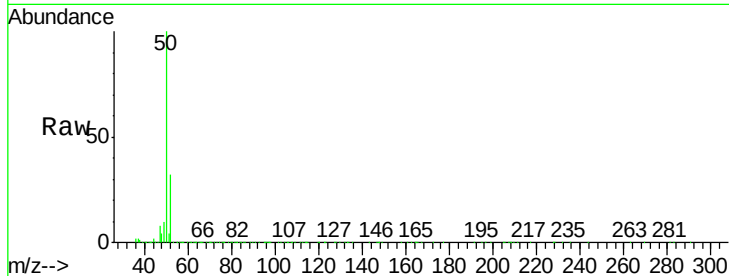
50 100

52 31.8 25.9 38.9

Manual Integrations
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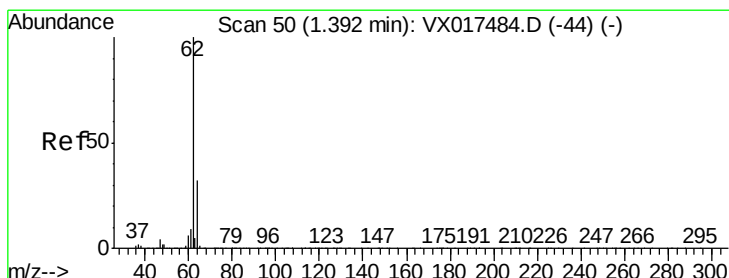
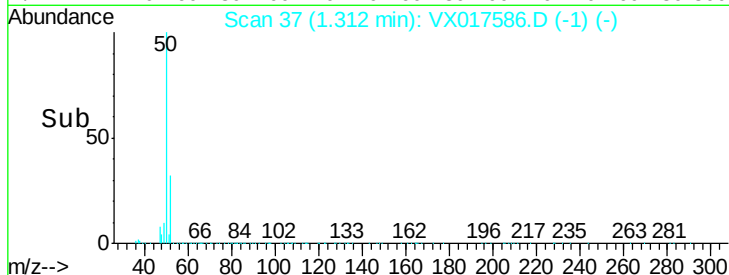
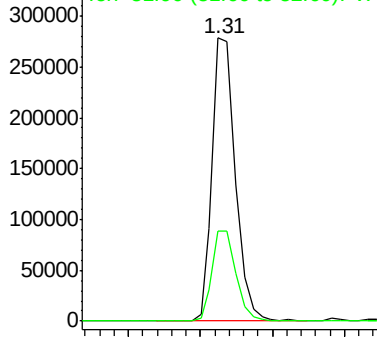
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.284 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017586.D

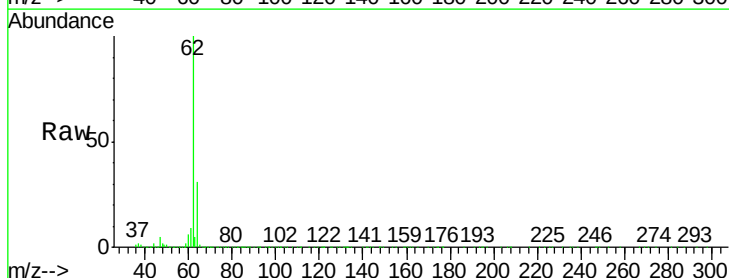
Acq: 25 Jul 2020 11:04

Tgt Ion: 62 Resp: 302193

Ion Ratio Lower Upper

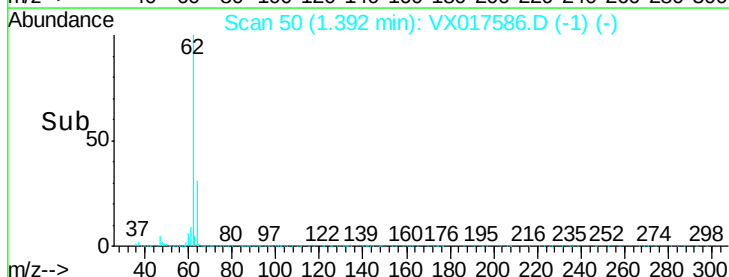
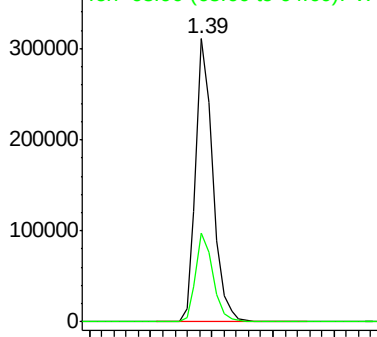
62 100

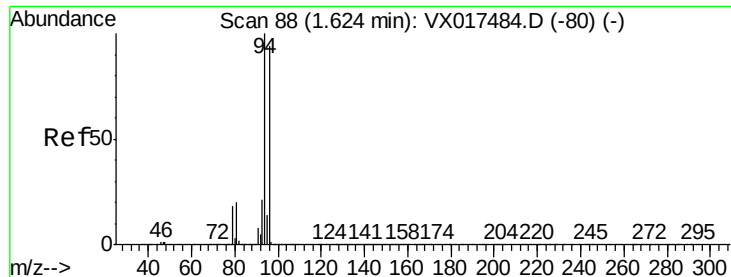
64 31.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.754 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

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VSTDCCC050

Tgt Ion: 94 Resp: 179498

Ion Ratio Lower Upper

94 100

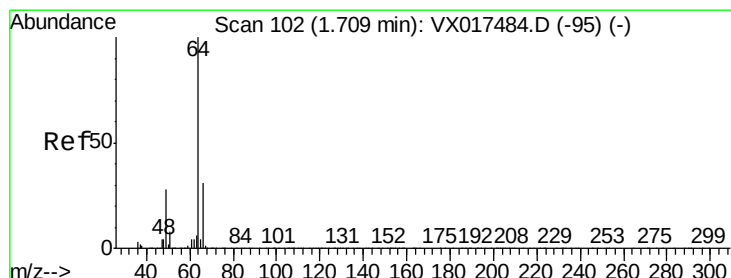
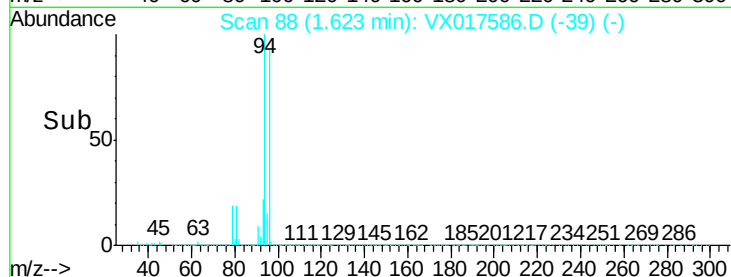
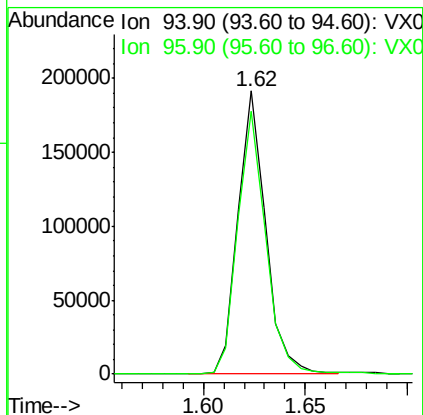
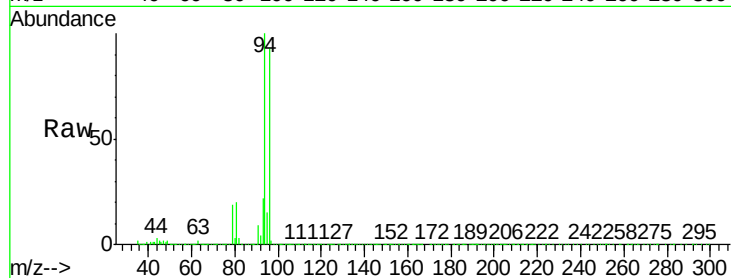
96 92.9 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 53.229 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017586.D

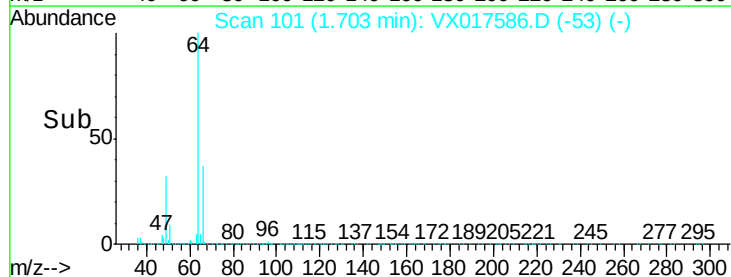
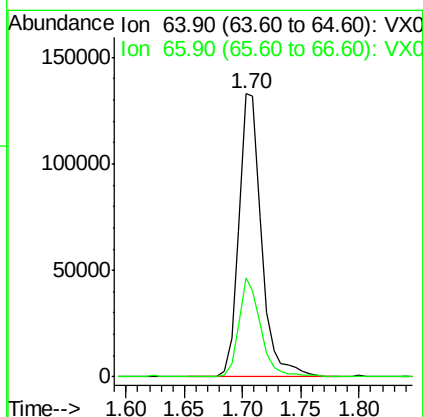
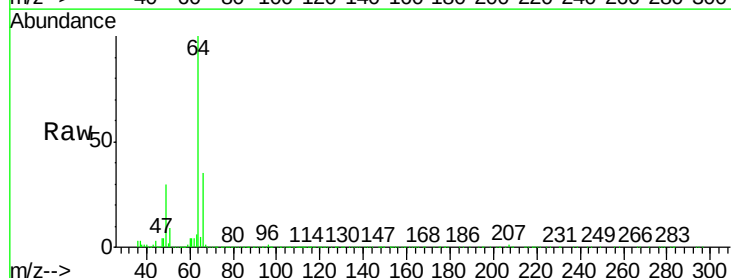
Acq: 25 Jul 2020 11:04

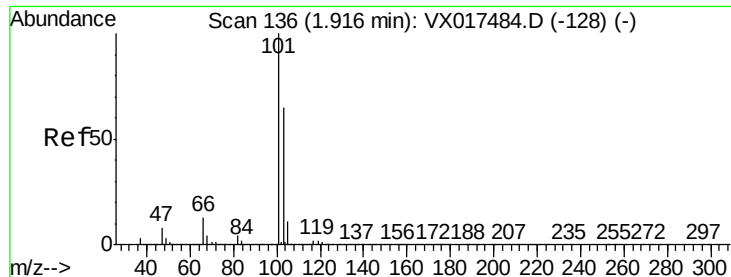
Tgt Ion: 64 Resp: 179809

Ion Ratio Lower Upper

64 100

66 34.7 24.9 37.3





#7

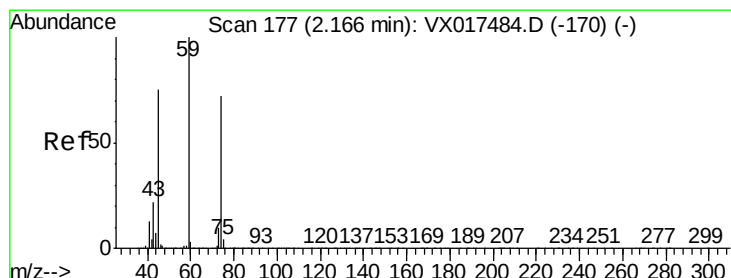
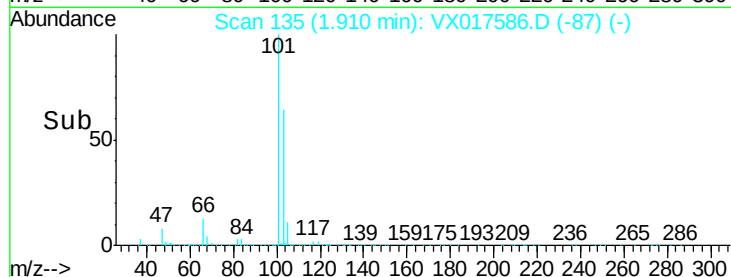
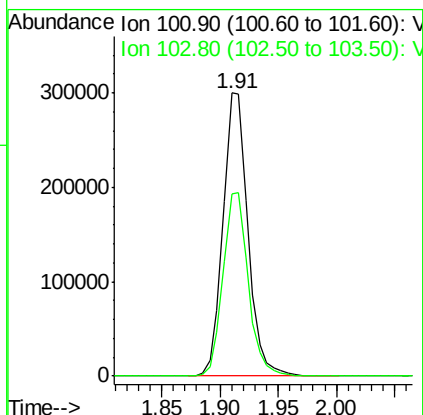
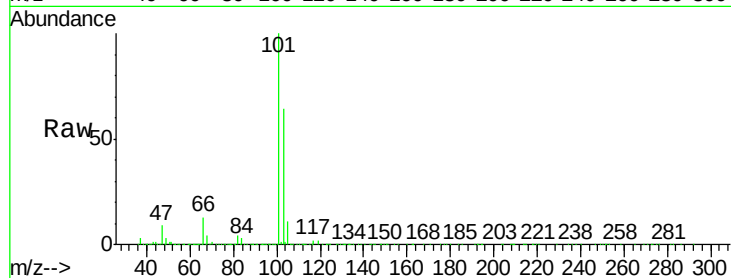
Trichlorofluoromethane
Concen: 46.123 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

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ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.8

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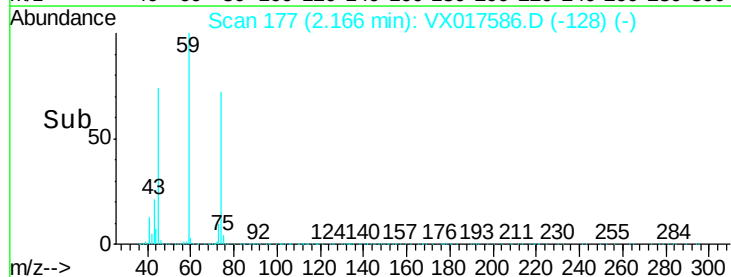
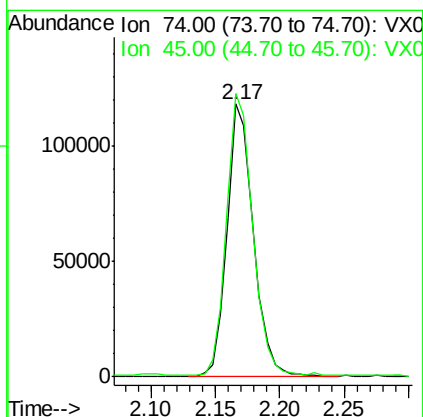
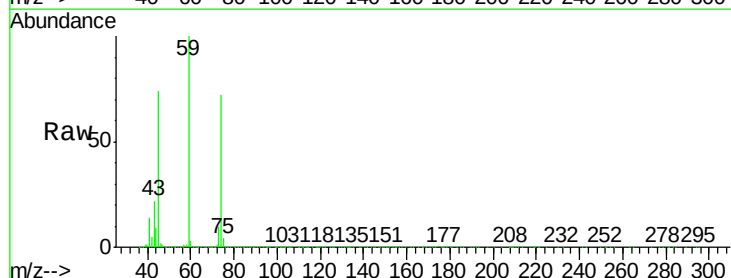
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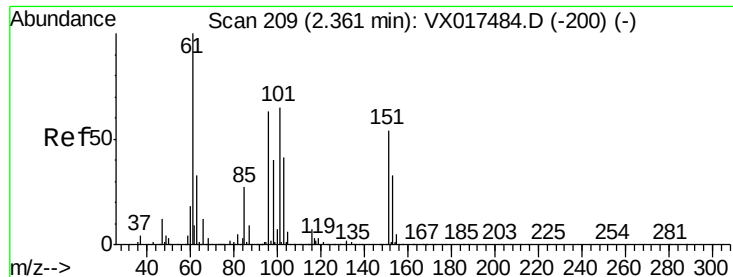


#8

Diethyl Ether
Concen: 54.171 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.274 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

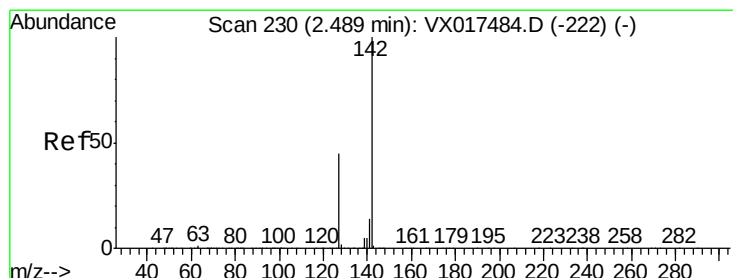
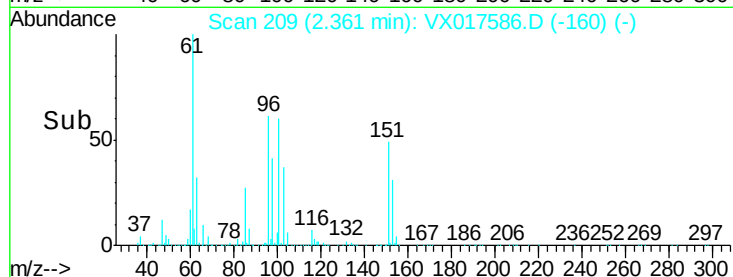
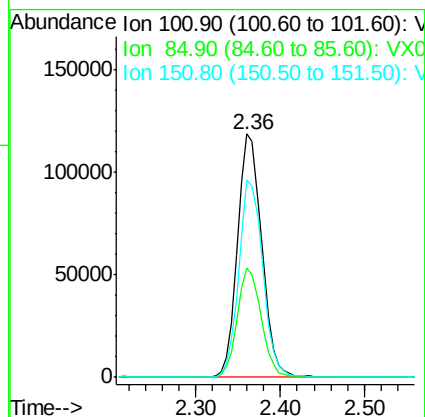
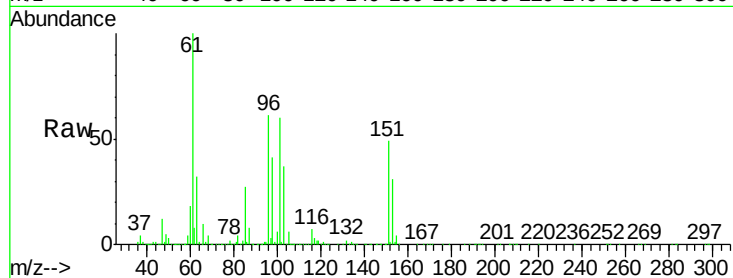
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	229029
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.8	52.2
151	80.4	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 47.371 ug/l

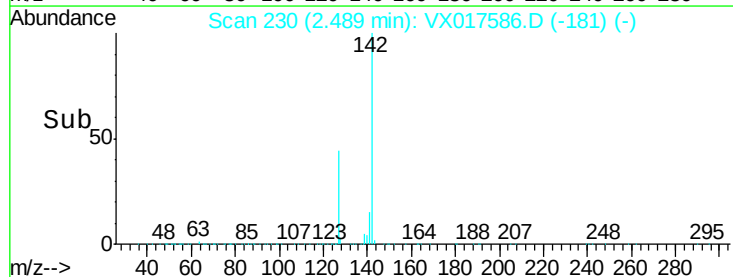
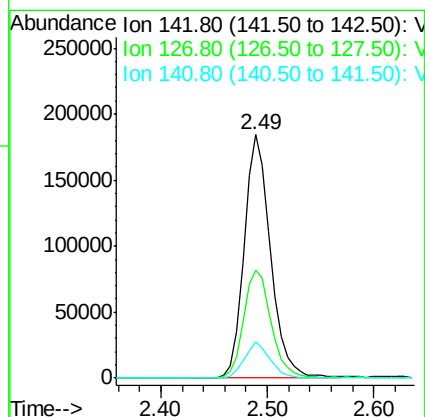
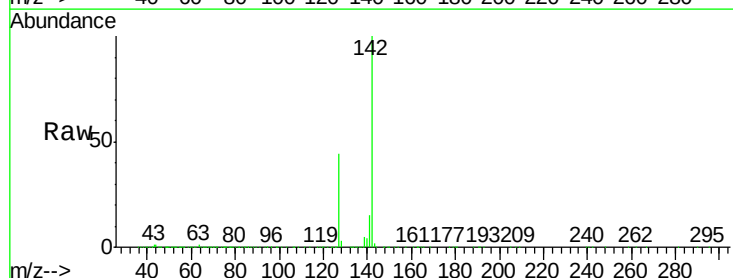
RT: 2.49 min Scan# 230

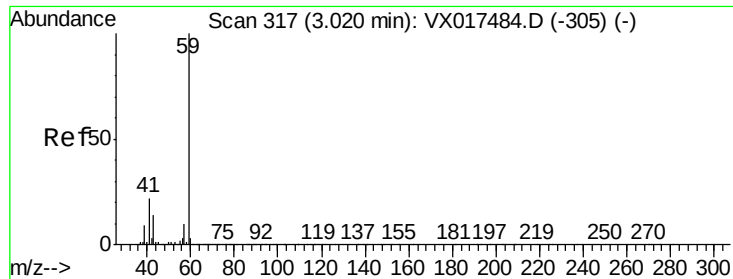
Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion:	142	Resp:	320747
Ion Ratio	Lower	Upper	
142	100		
127	46.1	35.9	53.9
141	14.4	11.4	17.0





#11

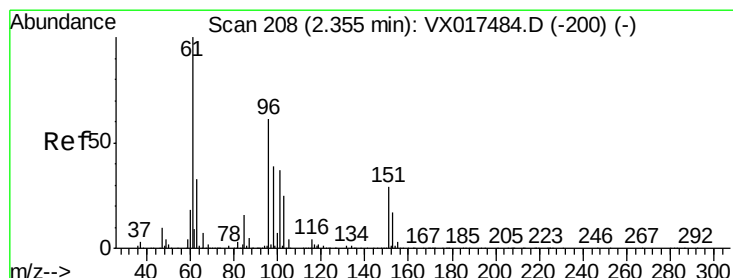
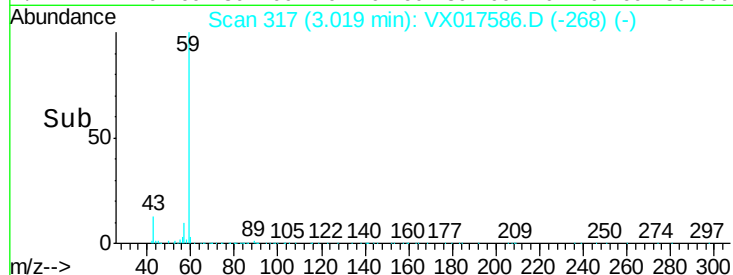
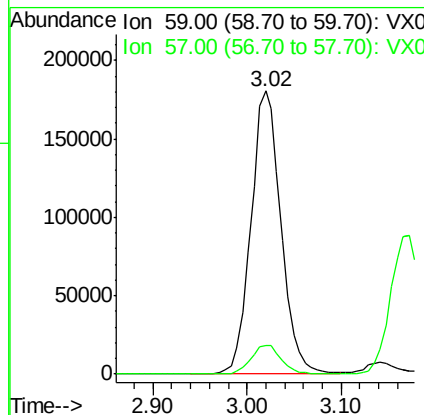
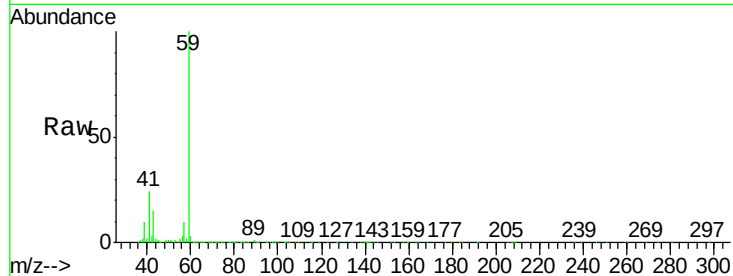
Tert butyl alcohol
Concen: 305.761 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

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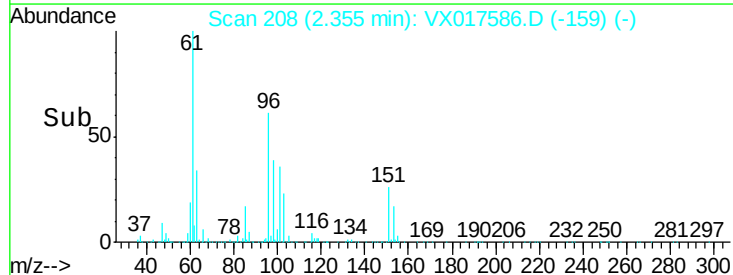
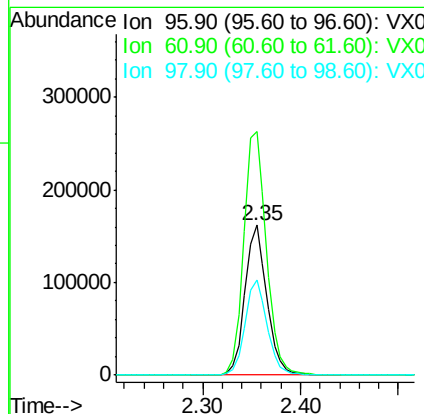
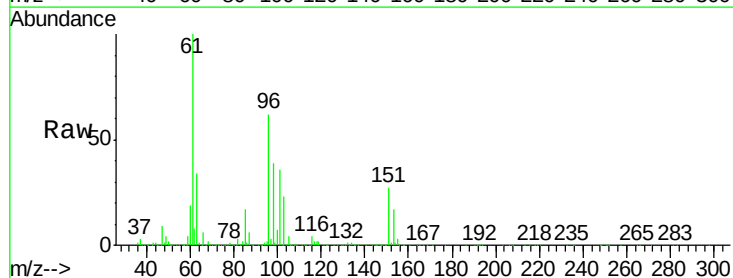
MMDadoda
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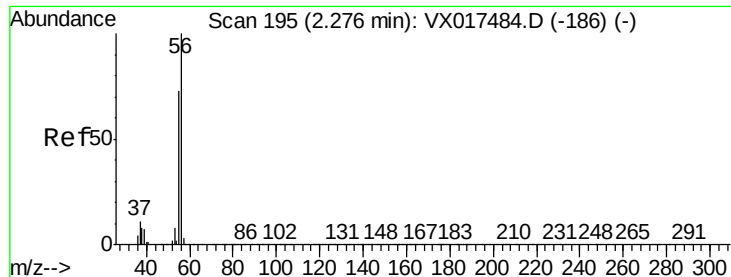


#12

1,1-Dichloroethene
Concen: 49.766 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.6	134.0	201.0
98	63.3	51.0	76.4





#13

Acrolein

Concen: 236.389 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 237852

Ion Ratio Lower Upper

56 100

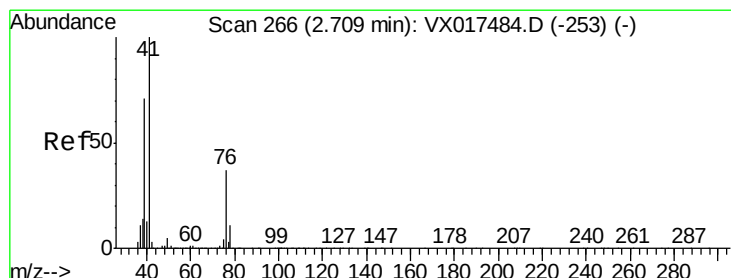
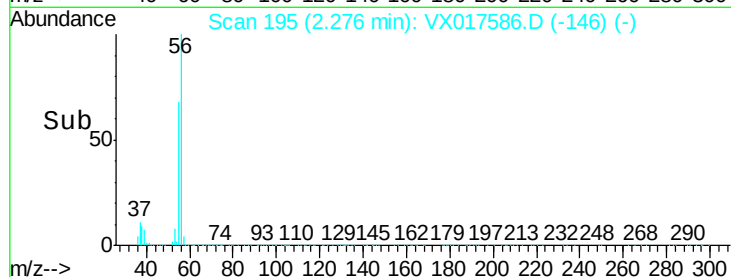
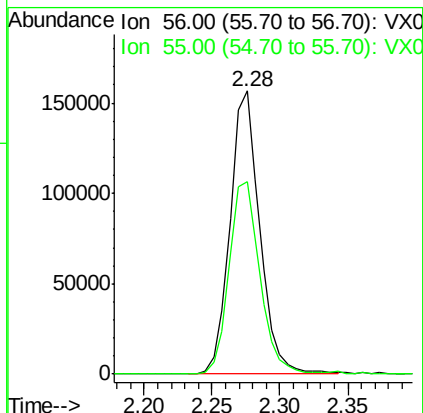
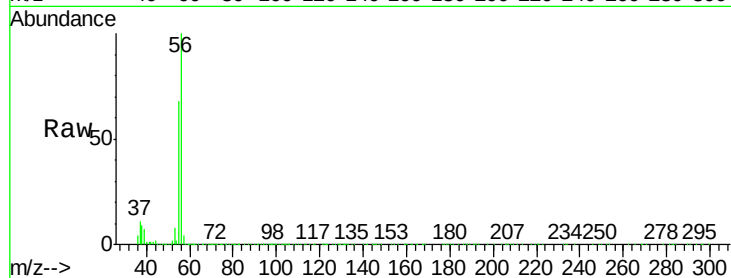
55 70.3 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 49.935 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

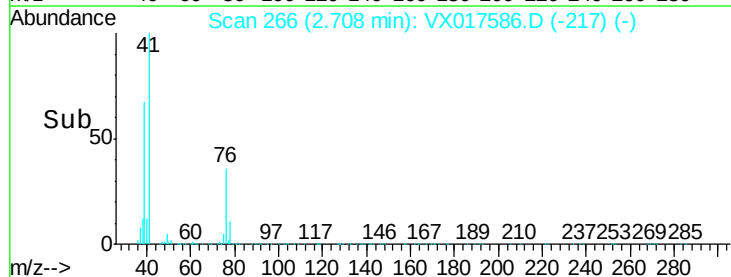
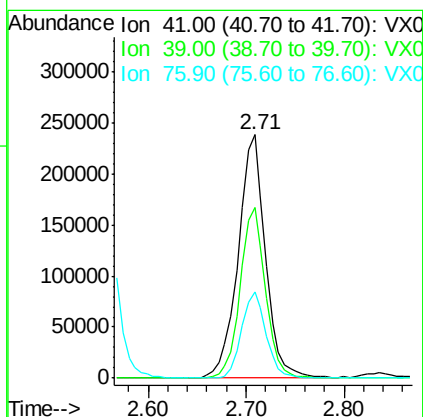
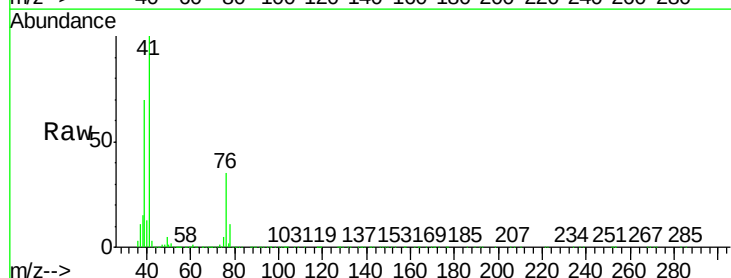
Tgt Ion: 41 Resp: 458903

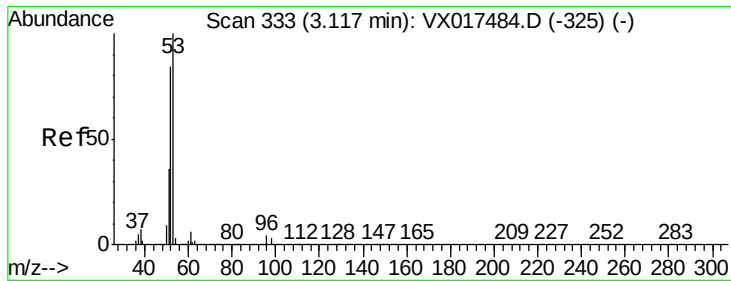
Ion Ratio Lower Upper

41 100

39 65.5 51.9 77.9

76 31.8 25.5 38.3





#15

Acrylonitrile

Concen: 288.811 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

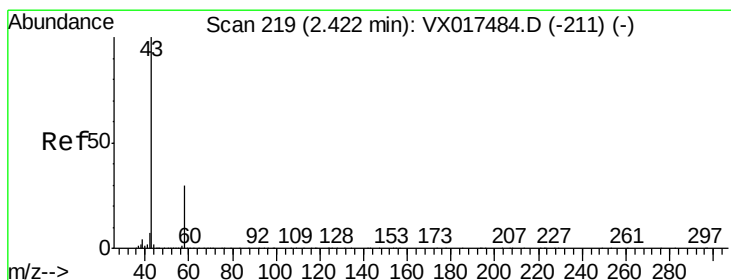
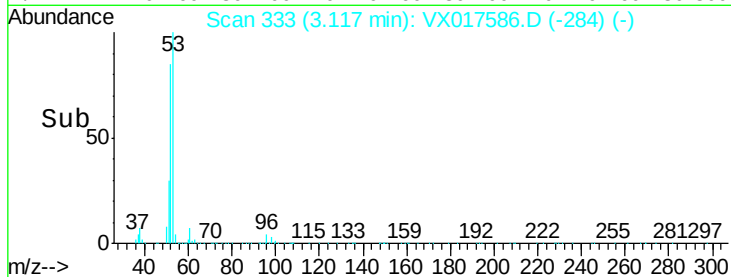
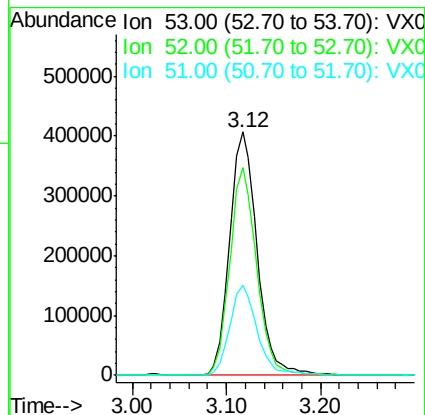
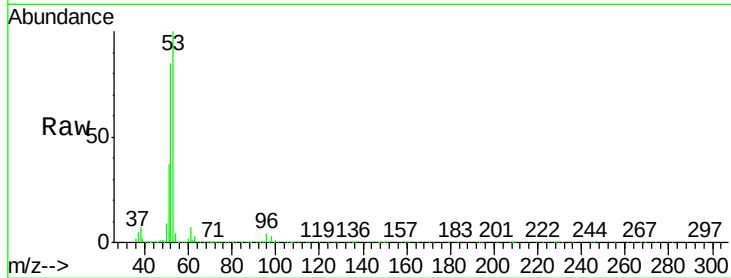
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	822893
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	99.8
51	37.0	29.4	44.2

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#16

Acetone

Concen: 283.463 ug/l

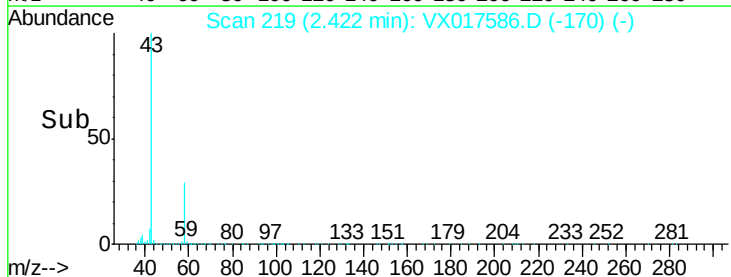
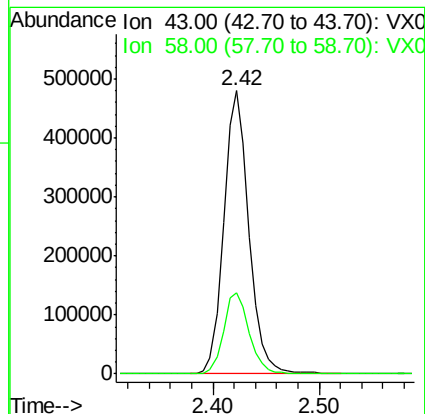
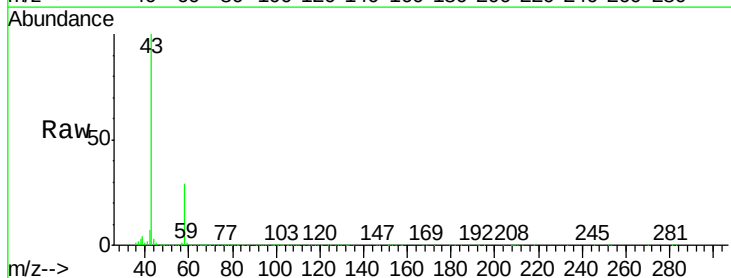
RT: 2.42 min Scan# 219

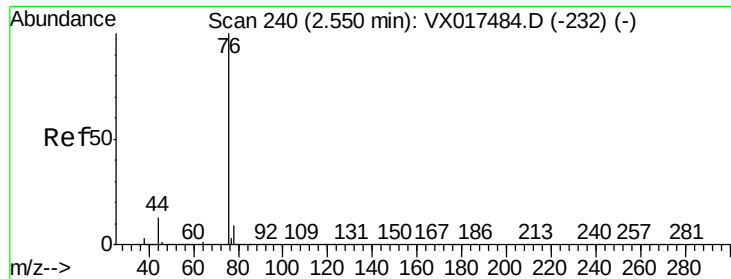
Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion:	43	Resp:	780903
Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.2	36.4





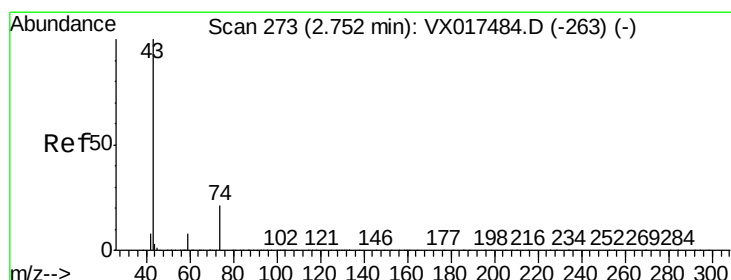
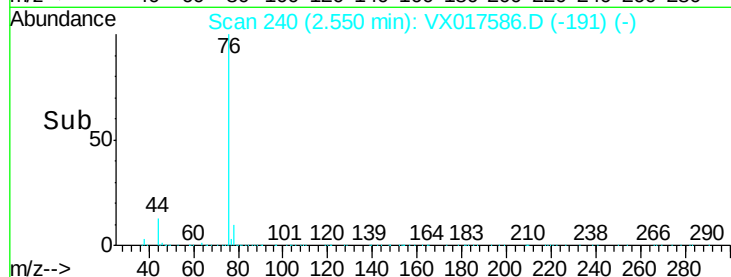
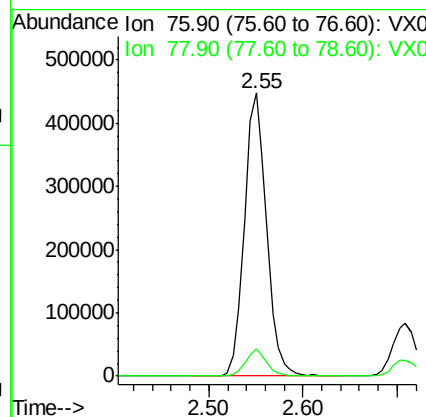
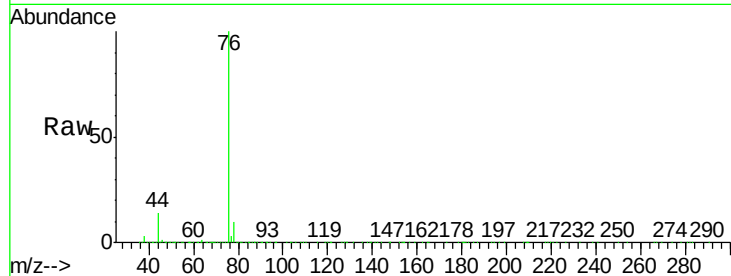
#17
Carbon Disulfide
Concen: 47.769 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.5	11.3

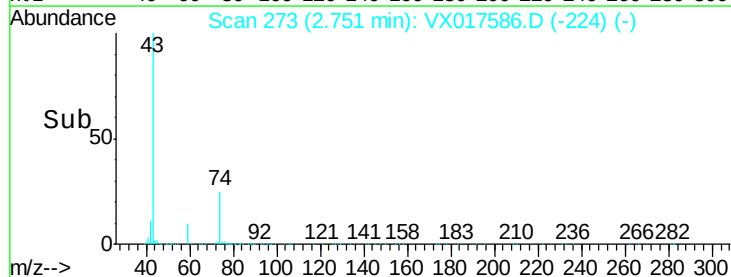
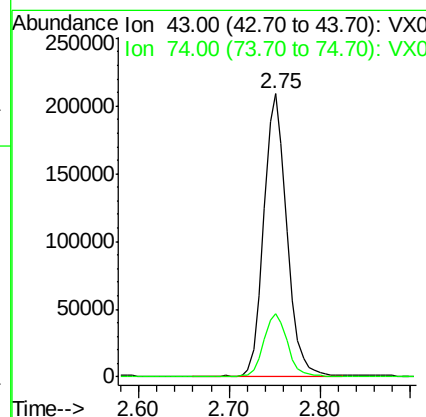
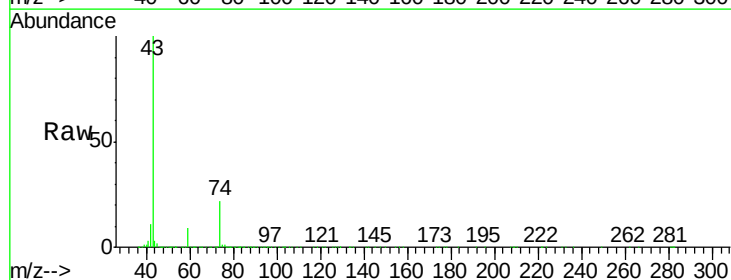
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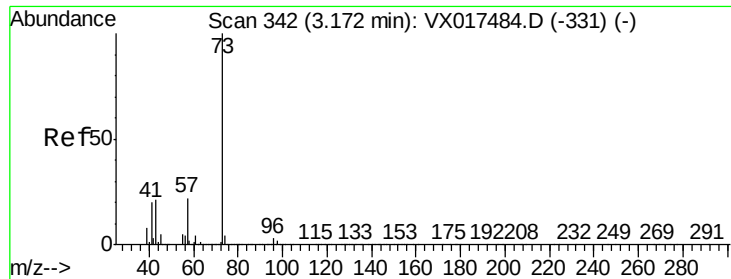
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#18
Methyl Acetate
Concen: 56.591 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.5	26.3





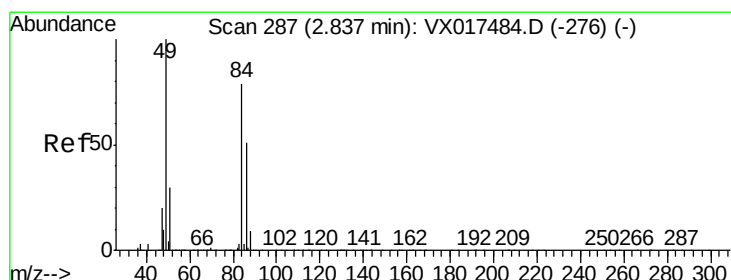
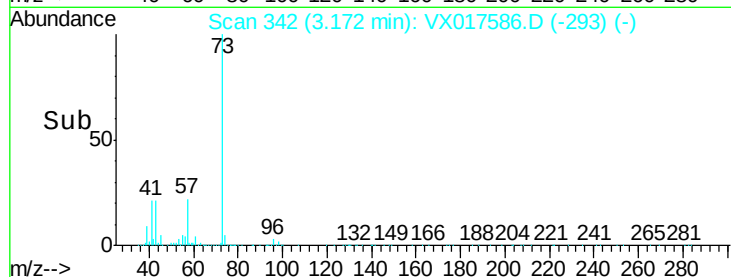
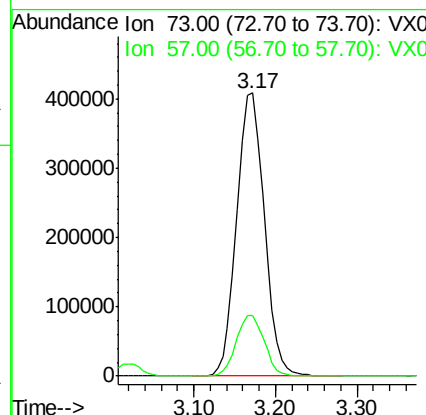
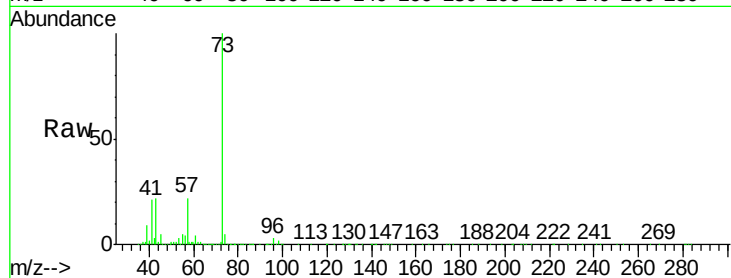
#19
Methyl tert-butyl Ether
Concen: 54.930 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 956879
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4

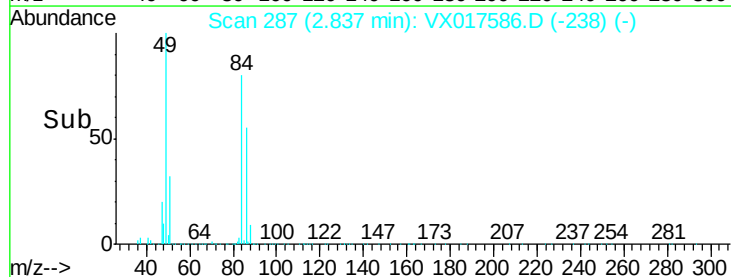
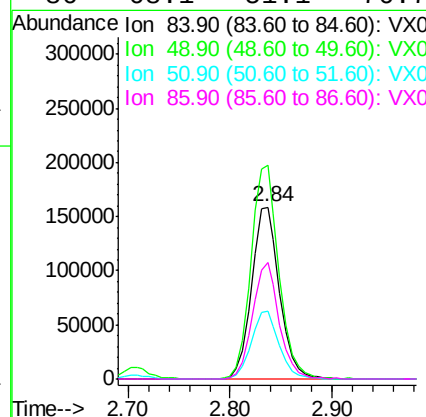
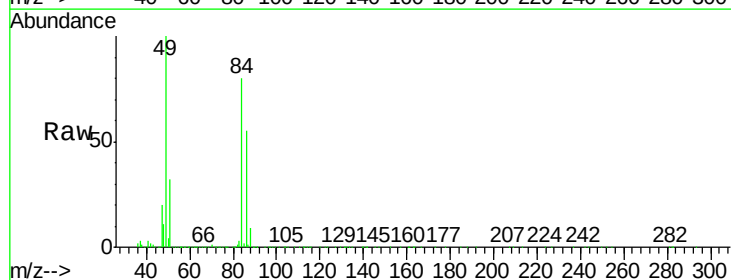
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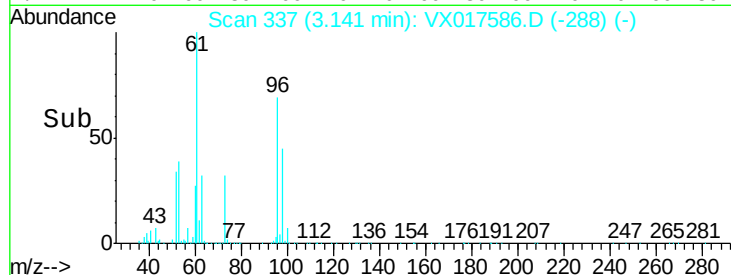
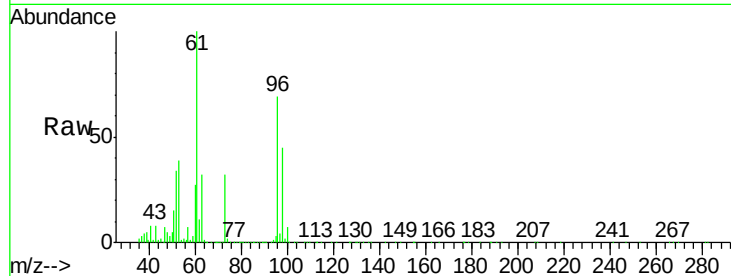
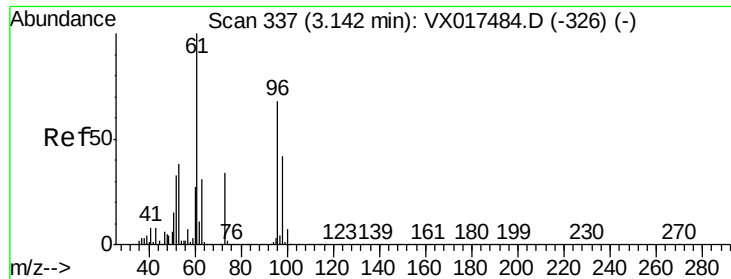
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#20
Methylene Chloride
Concen: 58.610 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 84 Resp: 302947
Ion Ratio Lower Upper
84 100
49 124.2 100.3 150.5
51 39.0 30.5 45.7
86 68.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 52.834 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017586.D

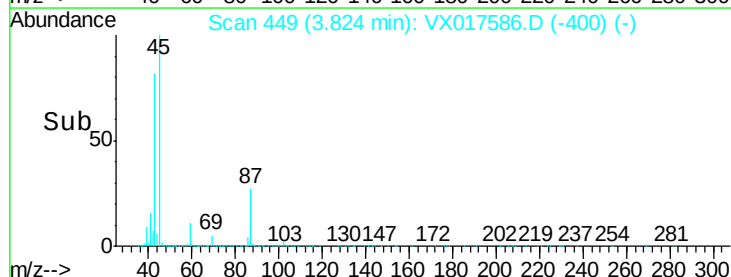
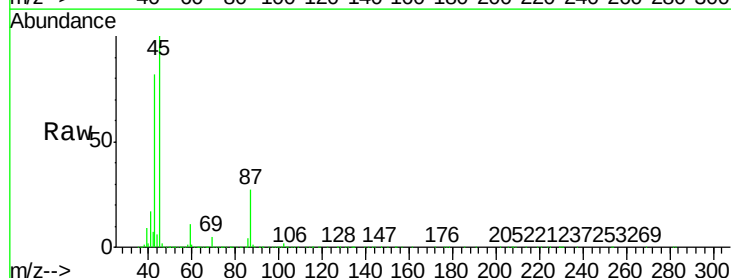
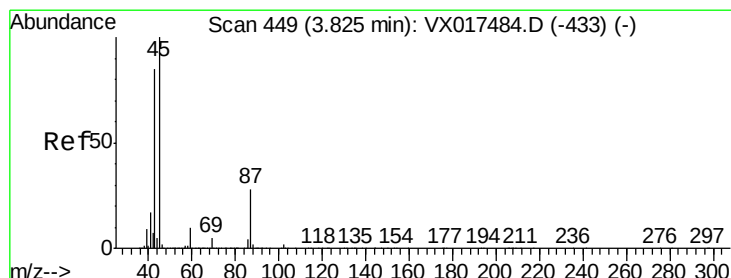
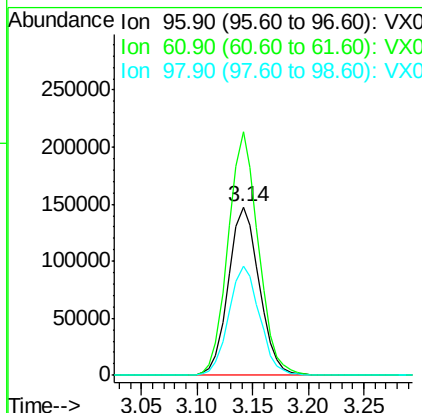
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.4	113.0	169.4
98	64.5	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 56.133 ug/l

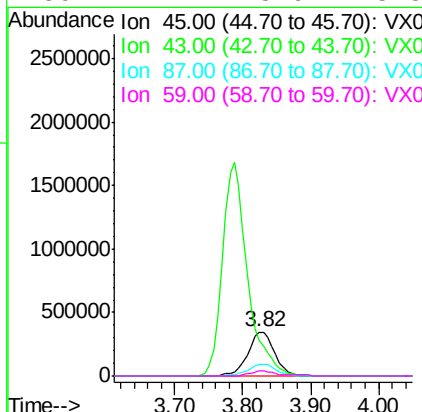
RT: 3.82 min Scan# 449

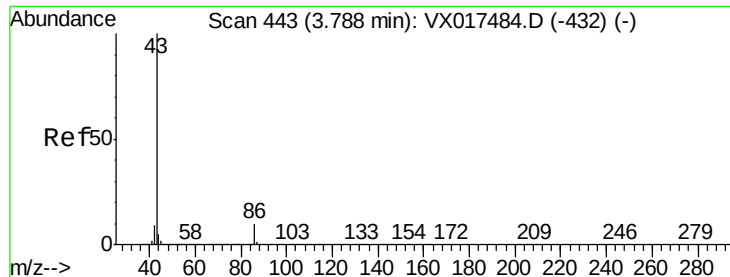
Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	82.2	52.0	78.0#
87	27.4	22.2	33.4
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 286.145 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 4287157

Ion Ratio Lower Upper

43 100

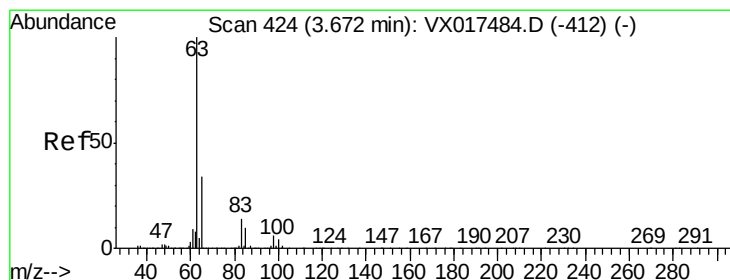
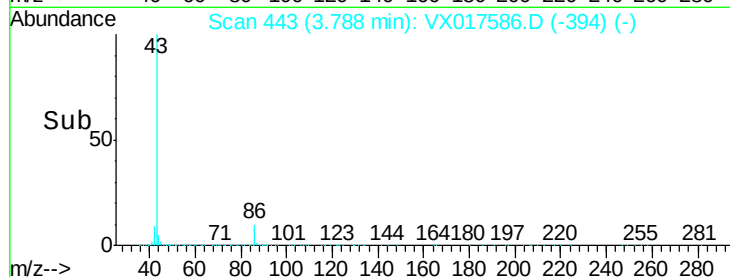
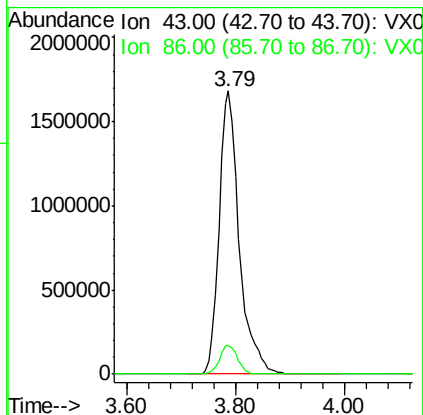
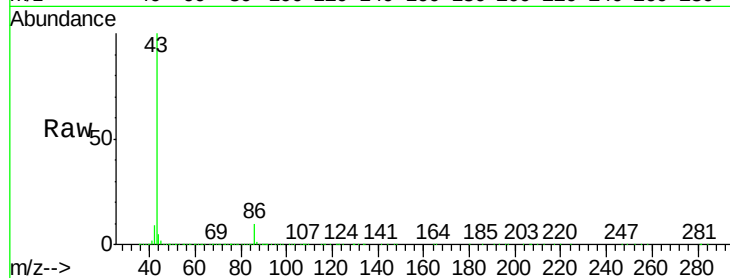
86 10.4 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 54.973 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

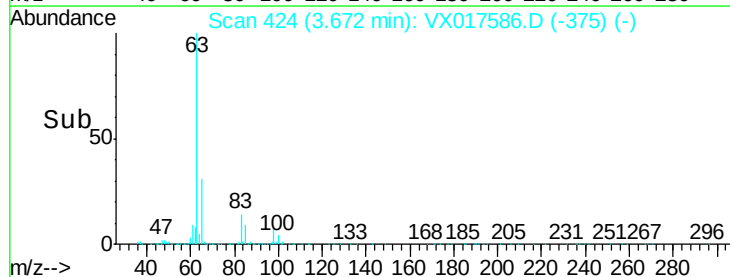
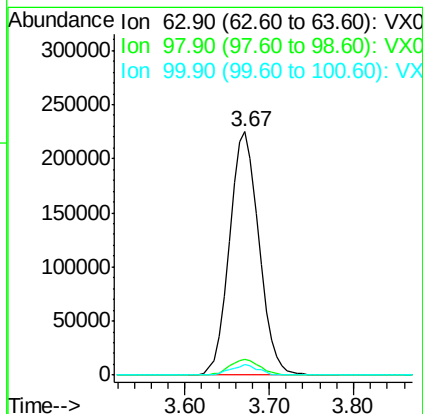
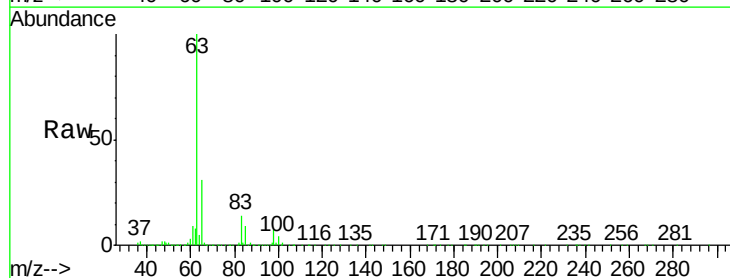
Tgt Ion: 63 Resp: 532126

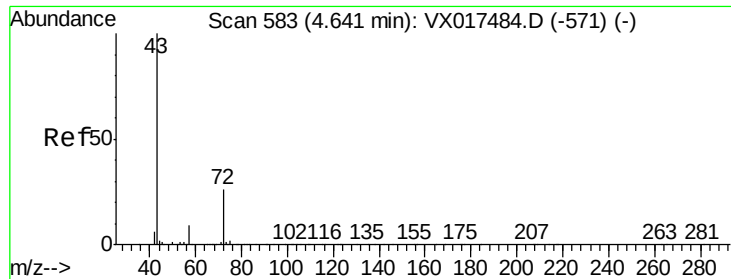
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 305.026 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1193741

Ion Ratio Lower Upper

43 100

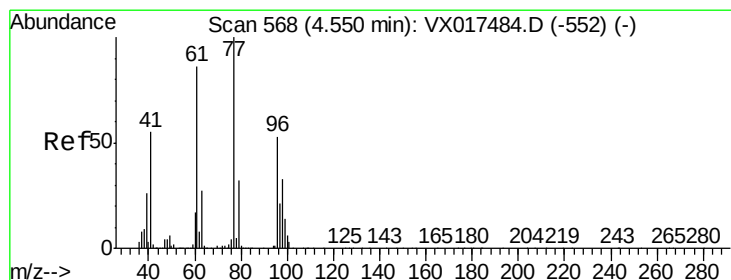
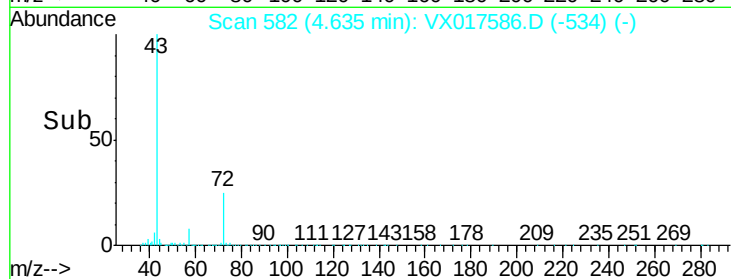
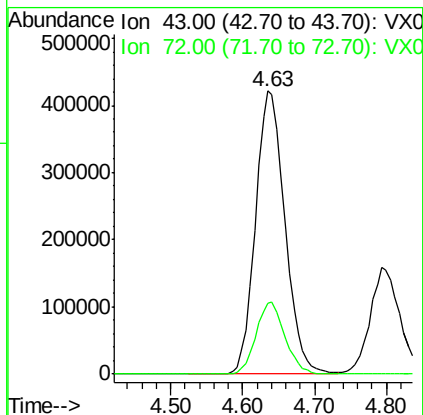
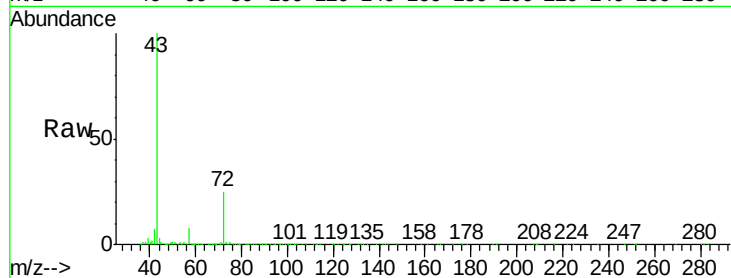
72 24.8 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 30.284 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017586.D

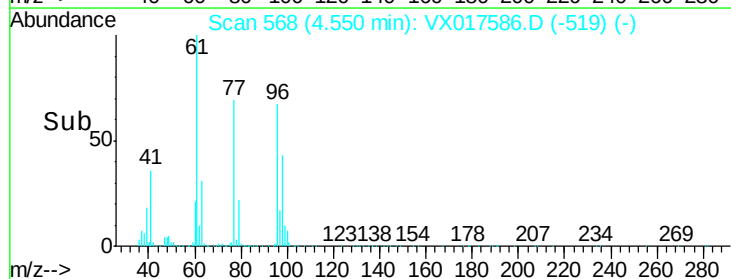
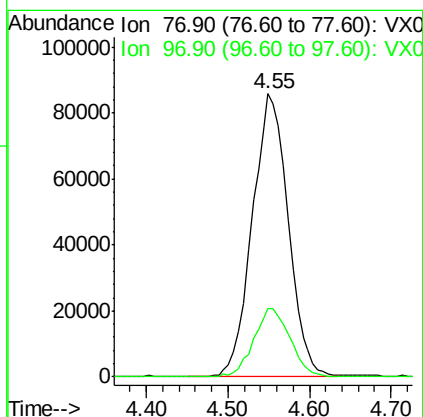
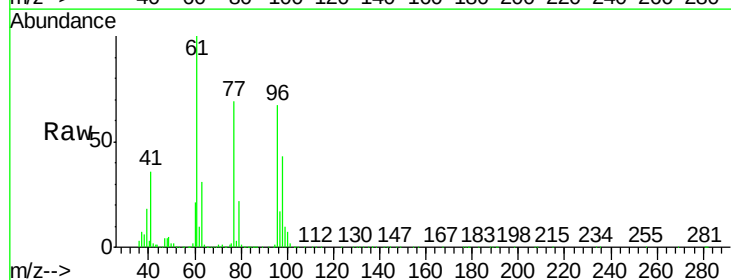
Acq: 25 Jul 2020 11:04

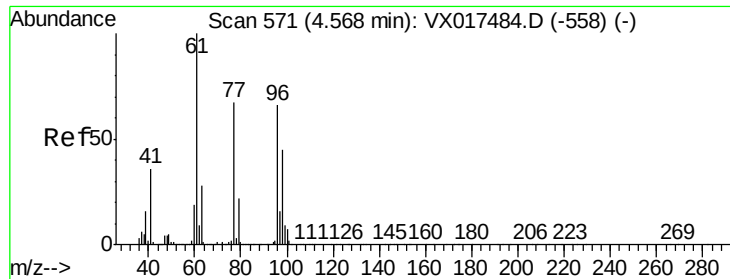
Tgt Ion: 77 Resp: 262401

Ion Ratio Lower Upper

77 100

97 24.7 10.9 32.9





#27

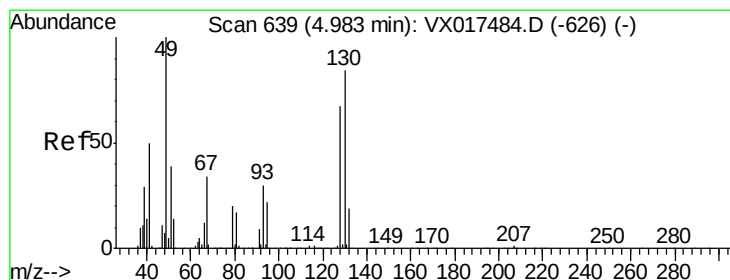
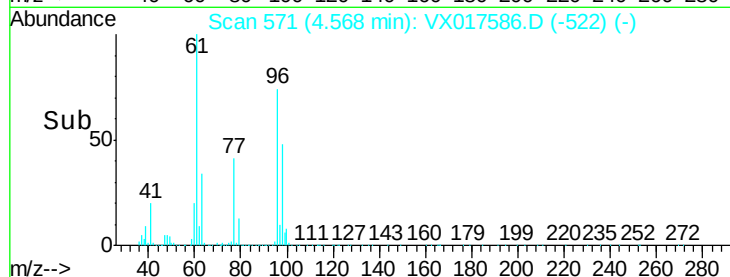
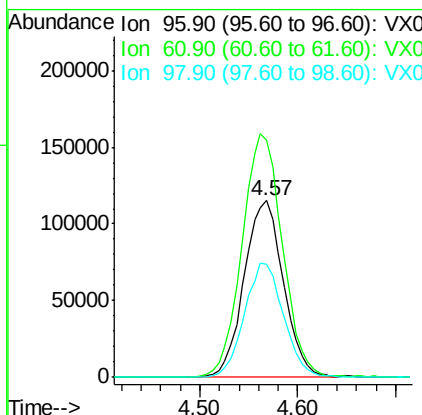
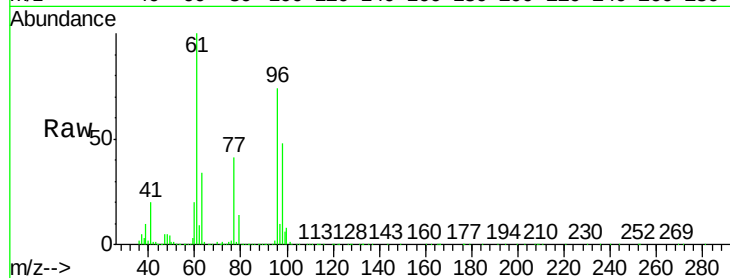
cis-1,2-Dichloroethene
Concen: 54.753 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	320646		
61	141.3	0.0	301.2	
98	64.8	0.0	130.0	

Manual Integrations
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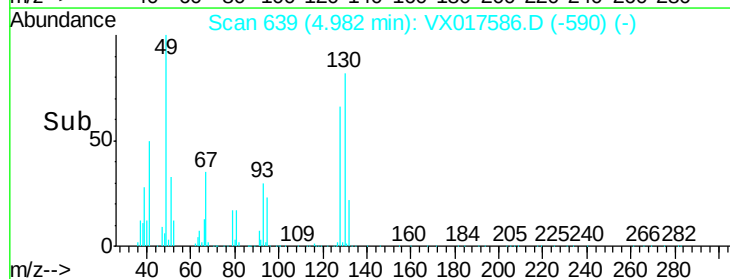
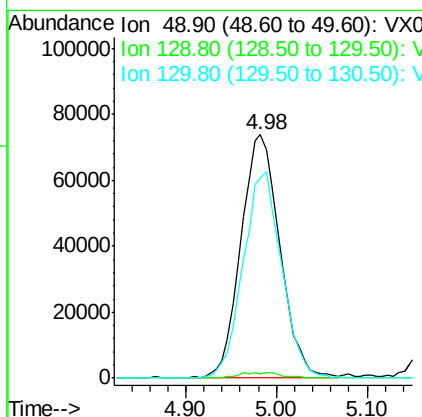
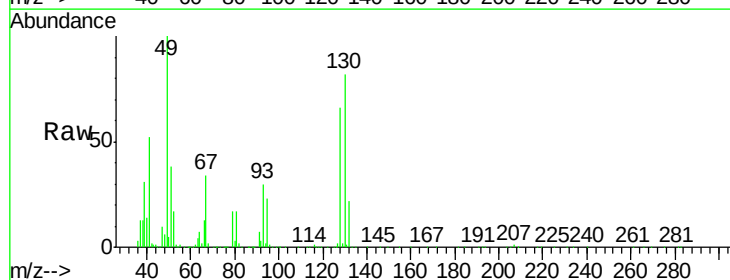
MMDadoda
7/27/2020 11:02:27 AM

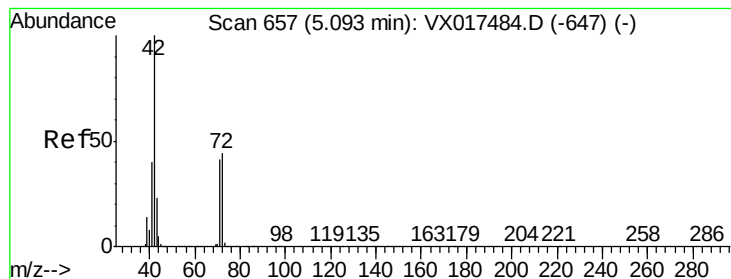


#28

Bromochloromethane
Concen: 50.022 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	219421		
129	2.4	0.0	4.6	
130	84.3	66.7	100.1	





#29

Tetrahydrofuran

Concen: 314.054 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

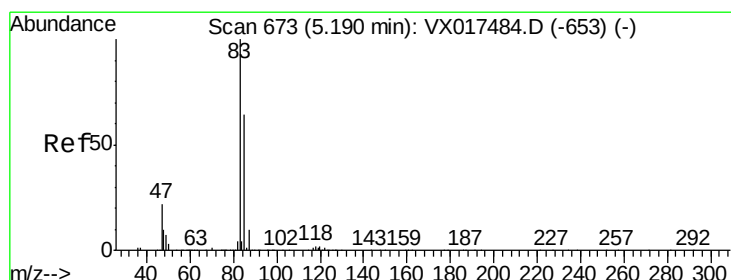
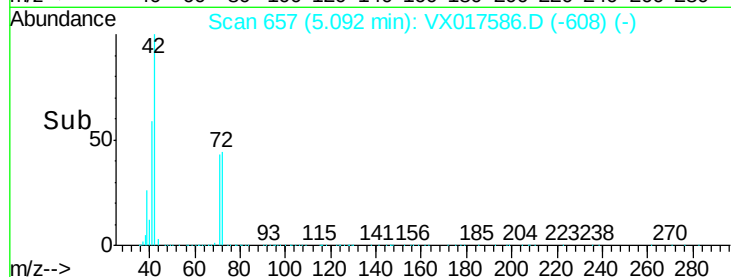
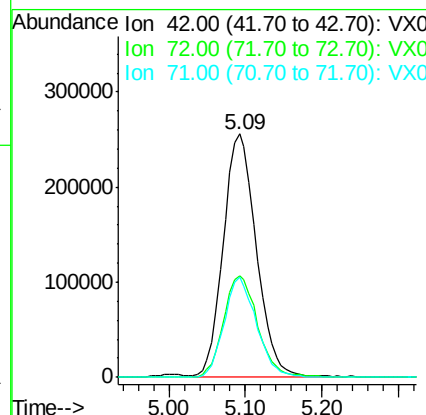
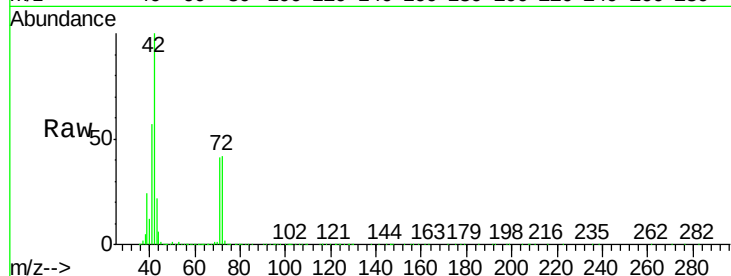
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.5	53.3
71	40.4	33.0	49.4

Manual Integrations
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7/27/2020 11:02:27 AM



#30

Chloroform

Concen: 55.884 ug/l

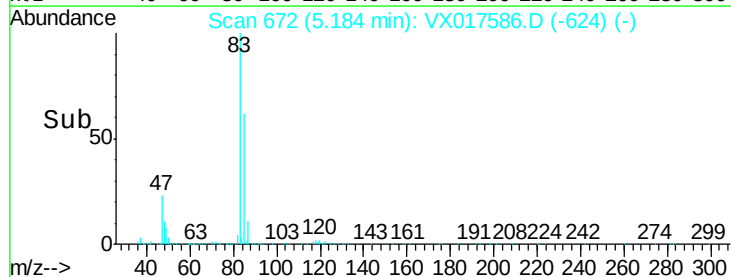
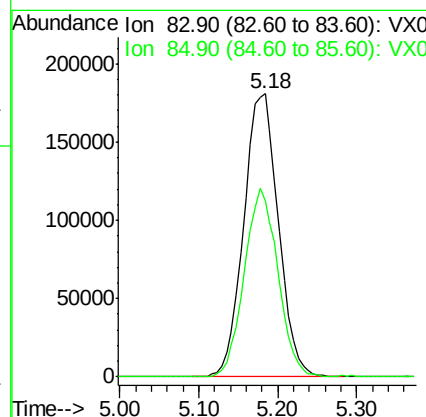
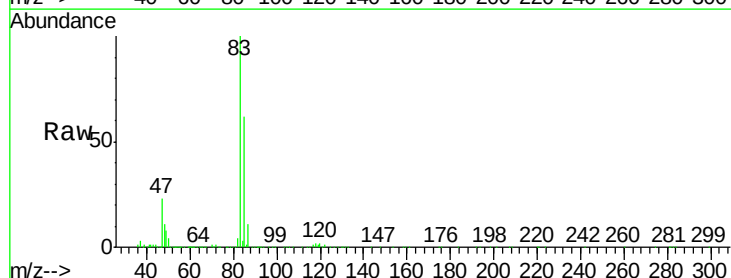
RT: 5.18 min Scan# 672

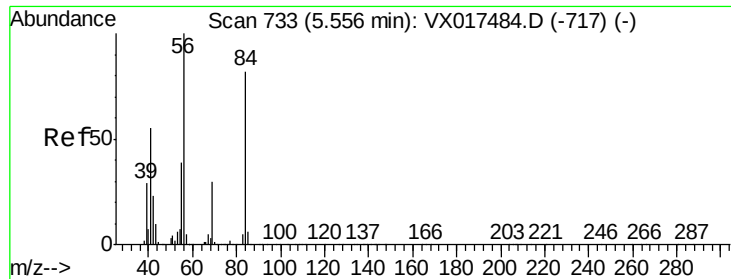
Delta R.T. -0.01 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.4	77.2





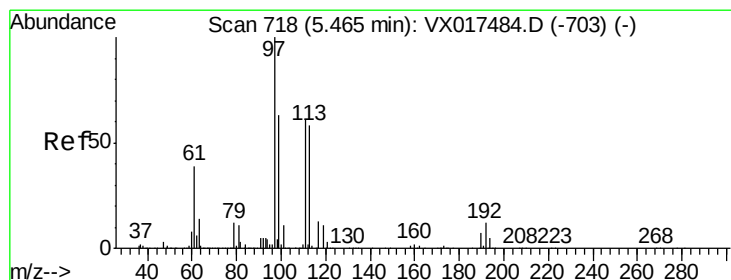
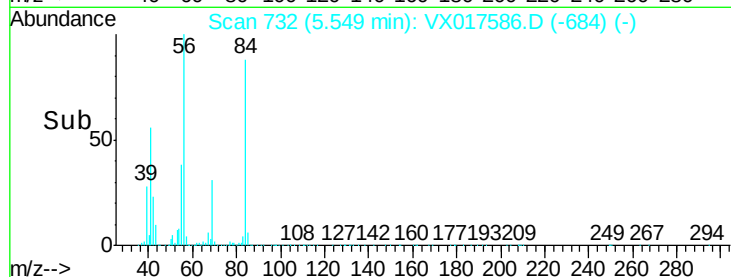
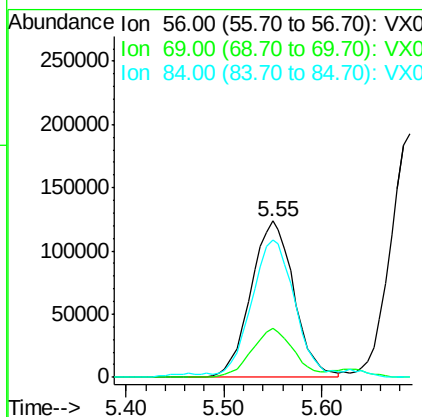
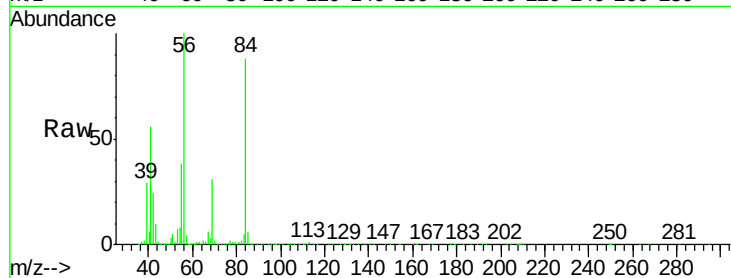
#31
Cyclohexane
Concen: 48.963 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.4
84	85.4	69.0	103.6

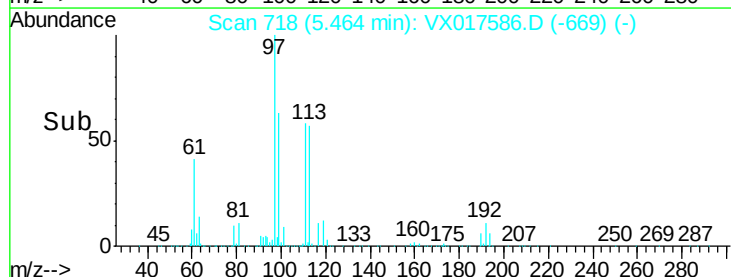
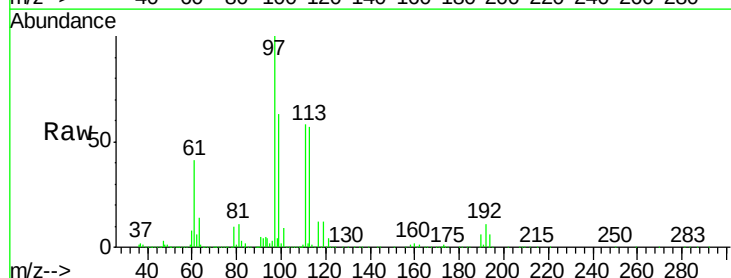
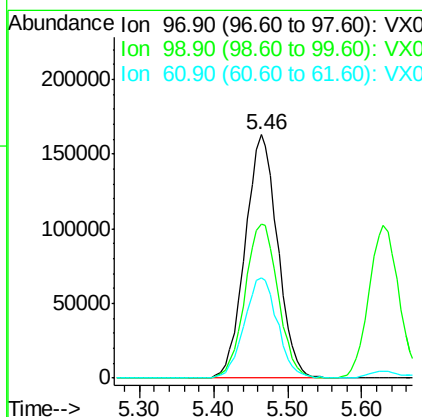
Manual Integrations
APPROVED

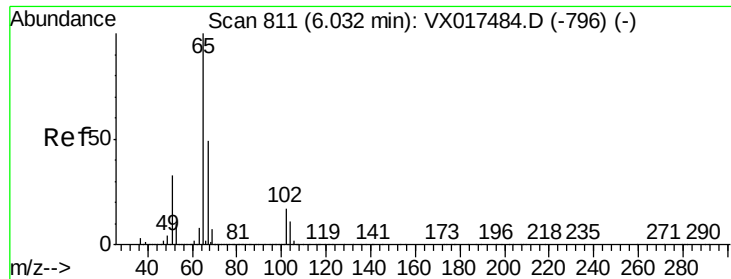
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#32
1,1,1-Trichloroethane
Concen: 53.364 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	42.1	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 57.198 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 358012

Ion Ratio Lower Upper

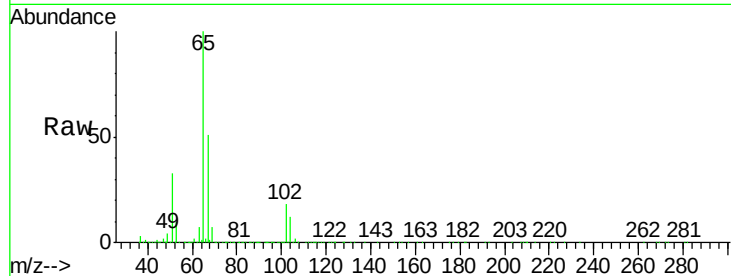
65 100

67 50.9 0.0 102.8

Manual Integrations
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

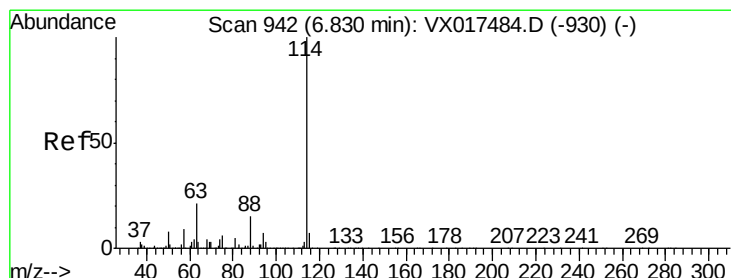
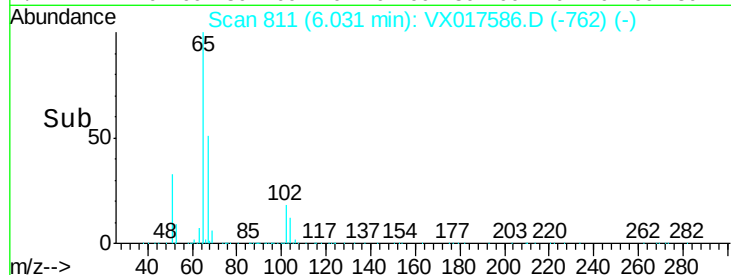
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

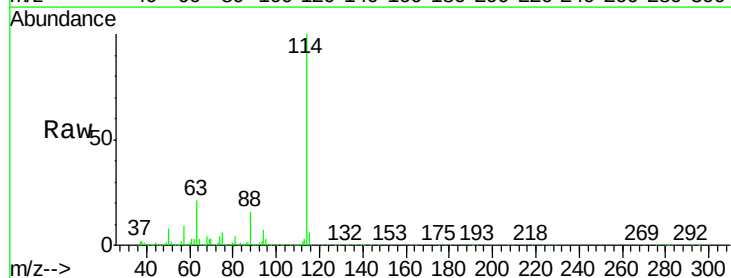
Tgt Ion: 114 Resp: 800665

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

88 15.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

400000

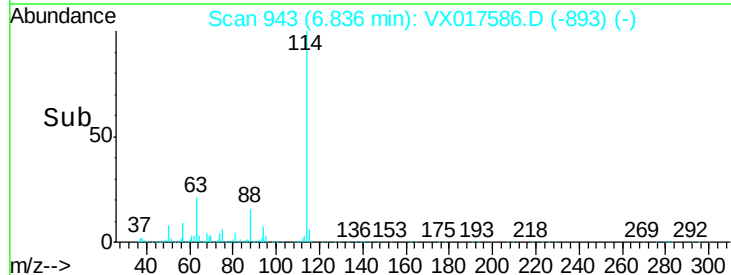
300000

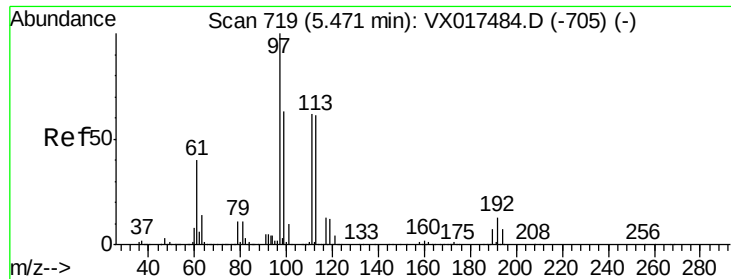
200000

100000

0

Time-->





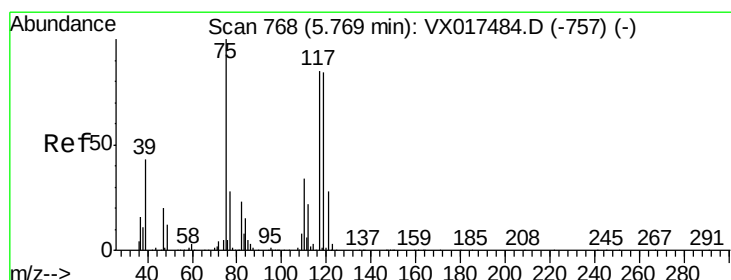
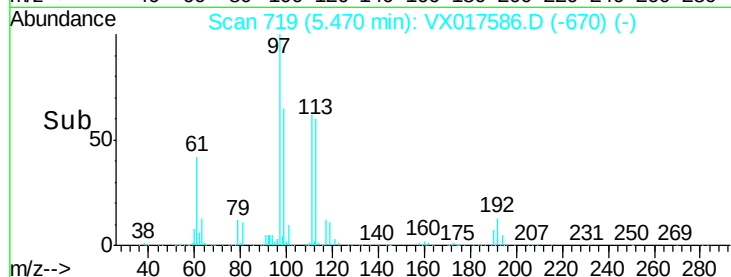
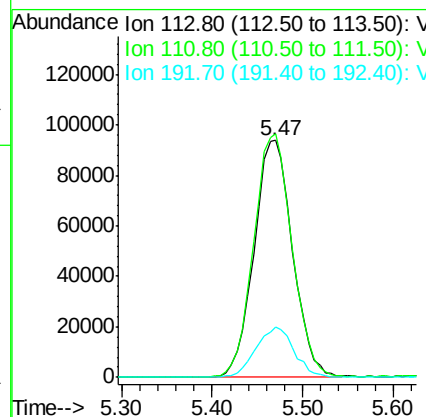
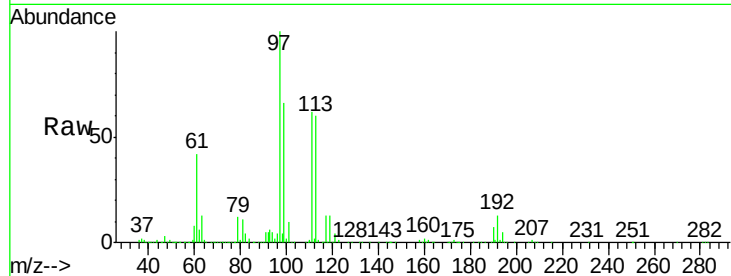
#35
 Dibromofluoromethane
 Concen: 51.426 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	21.0	16.9	25.3

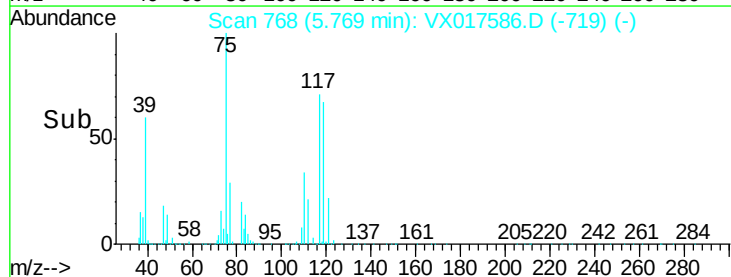
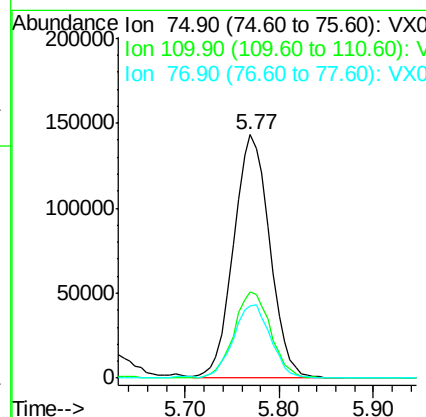
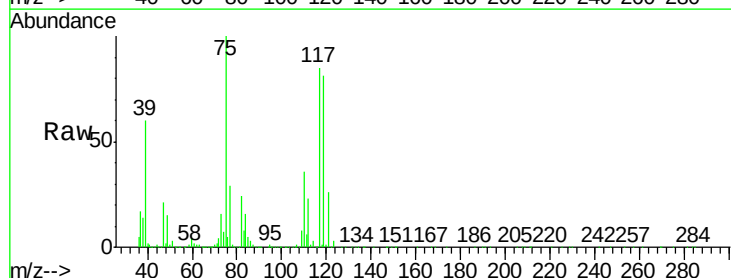
Manual Integrations
 APPROVED

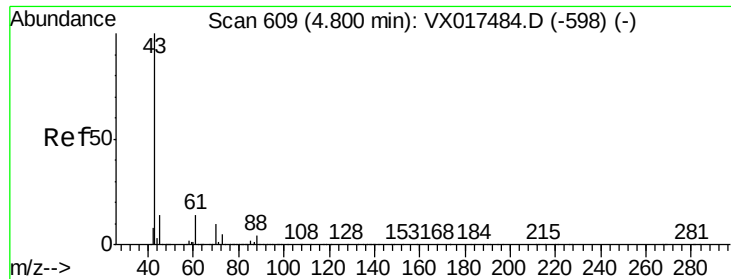
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 49.537 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.3
77	31.0	24.6	37.0





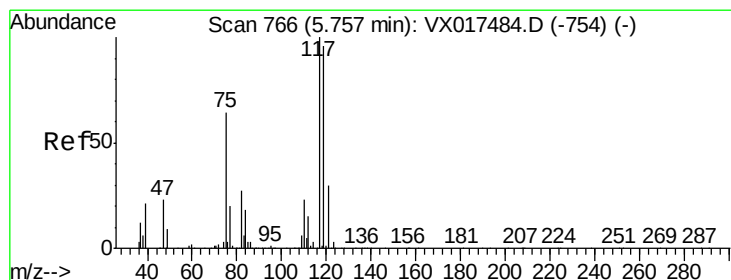
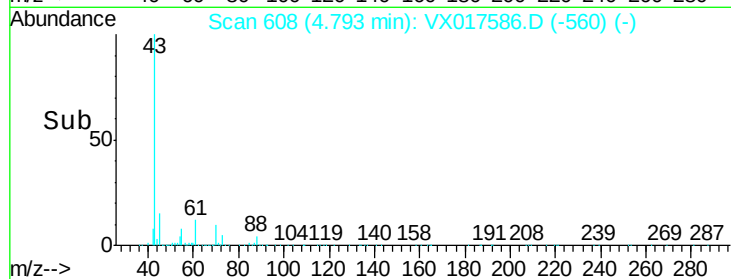
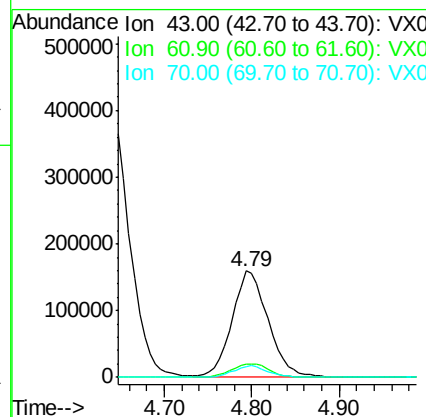
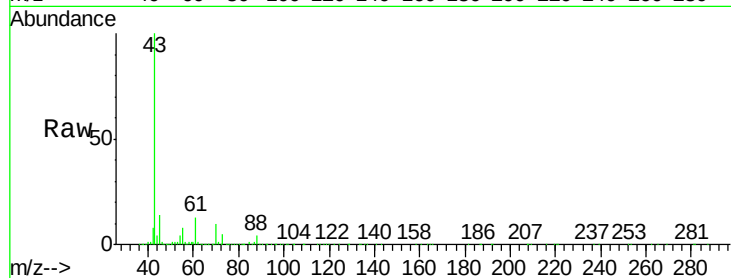
#37
Ethyl Acetate
Concen: 53.921 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	453050
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.6	8.5	12.7

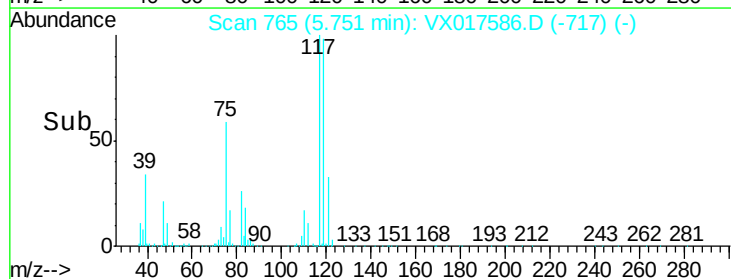
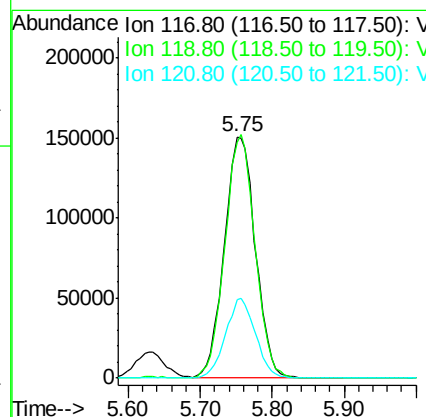
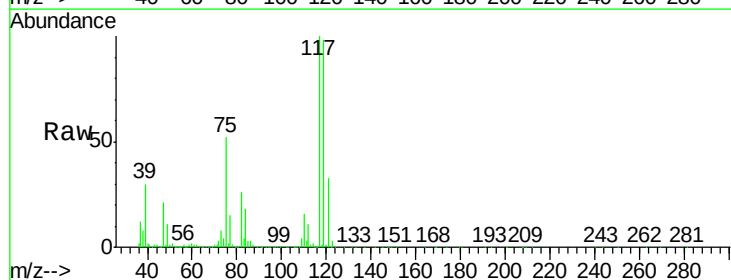
Manual Integrations
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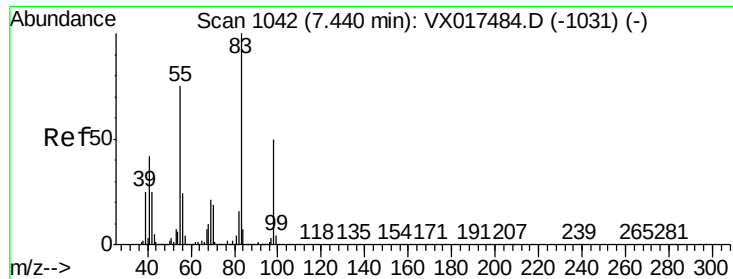
MMDadoda
7/27/2020 11:02:27 AM



#38
Carbon Tetrachloride
Concen: 48.463 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:	117	Resp:	451923
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
121	32.5	24.3	36.5





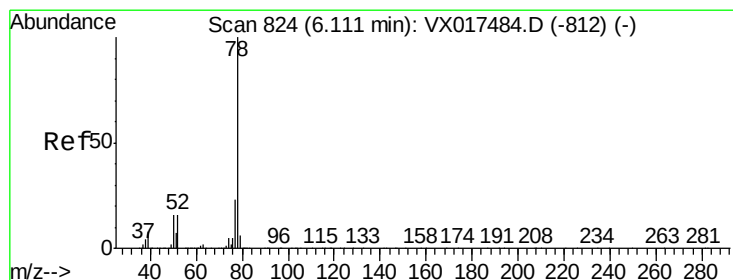
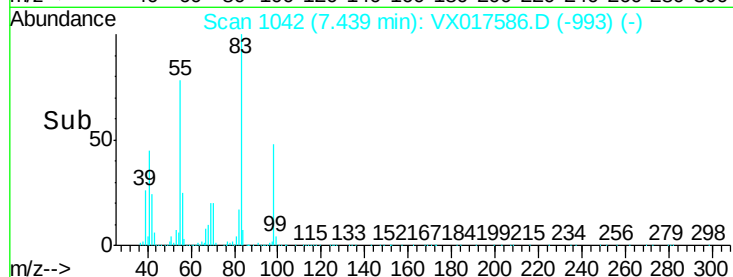
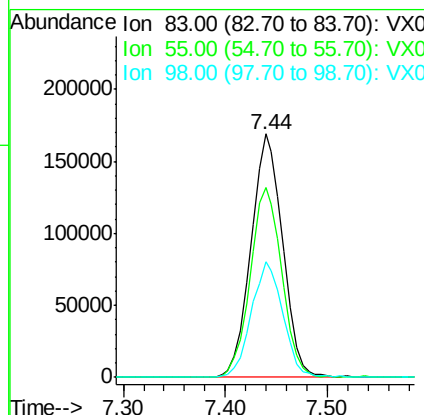
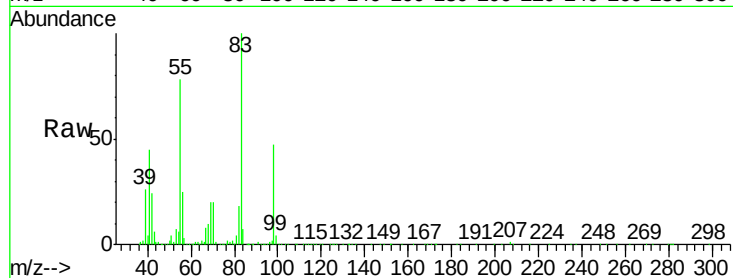
#39
Methylcyclohexane
Concen: 40.733 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.8	92.8
98	47.4	36.9	55.3

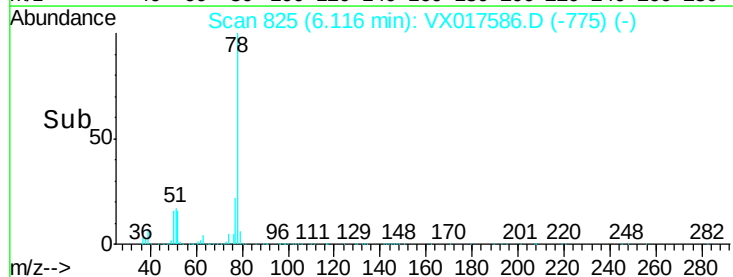
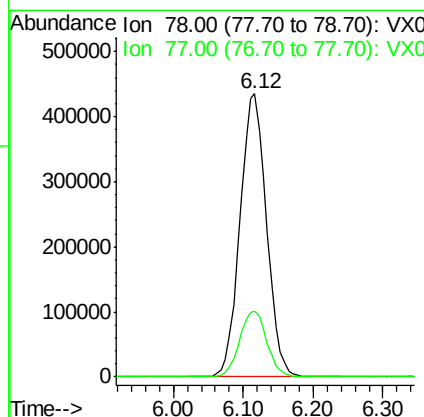
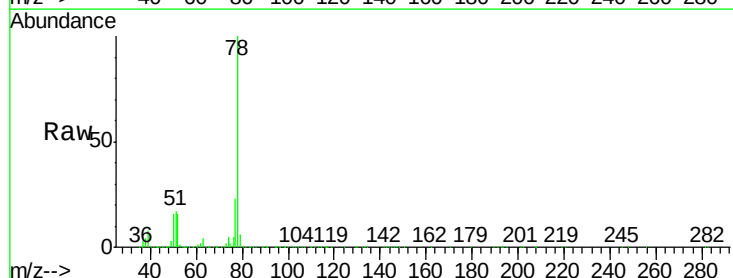
Manual Integrations
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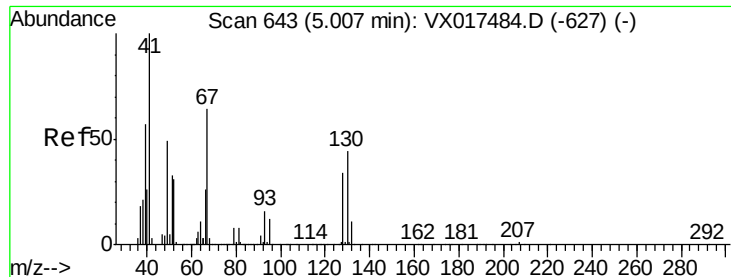
MMDadoda
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#40
Benzene
Concen: 51.891 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2





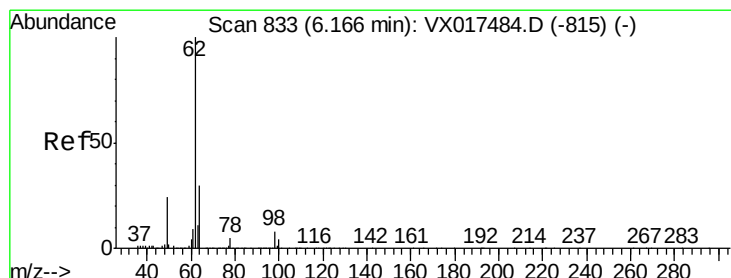
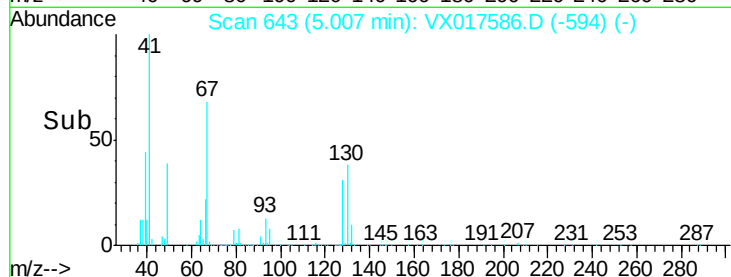
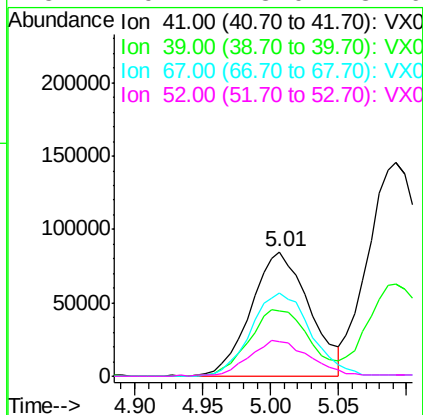
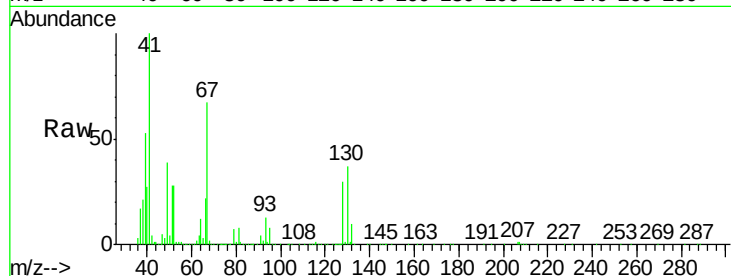
#41
Methacrylonitrile
Concen: 52.469 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.9	65.9
67	68.9	54.0	81.0
52	29.4	23.0	34.6

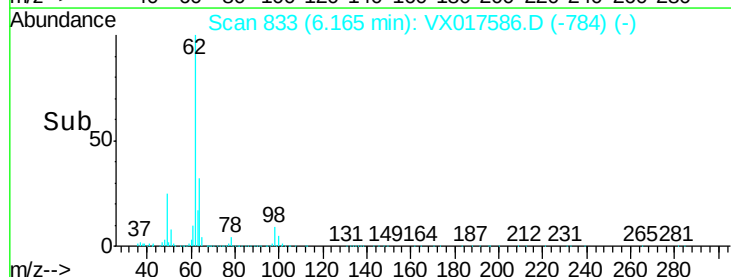
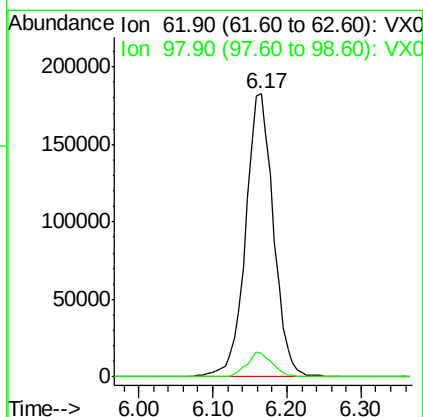
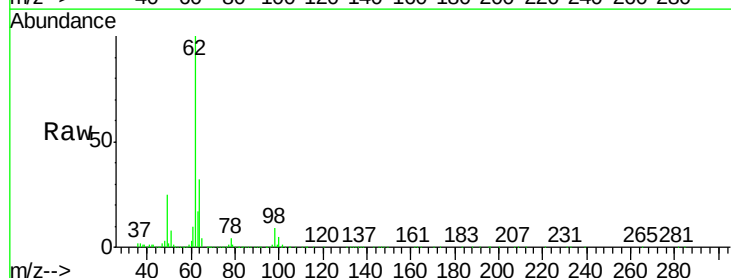
Manual Integrations
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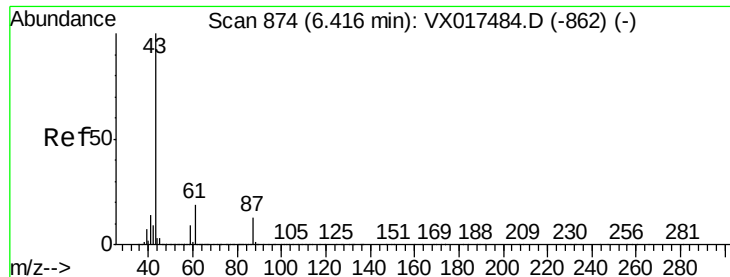
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.123 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0





#43

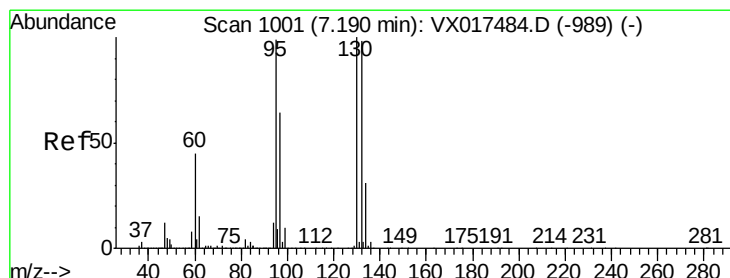
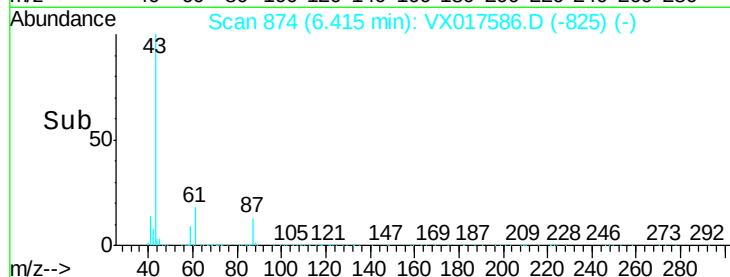
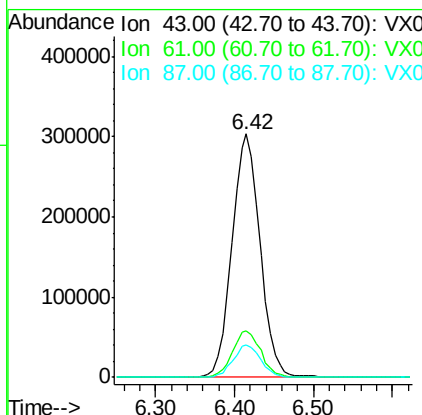
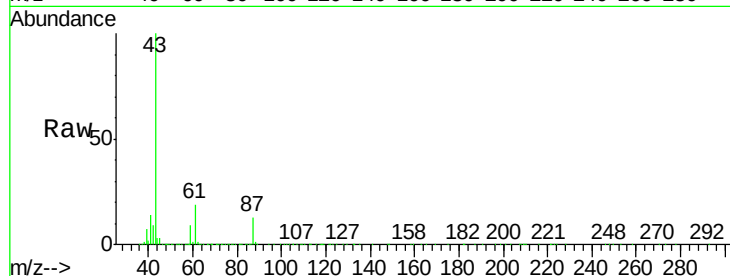
Isopropyl Acetate
 Concen: 53.814 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.2	10.5	15.7

Manual Integrations
 APPROVED

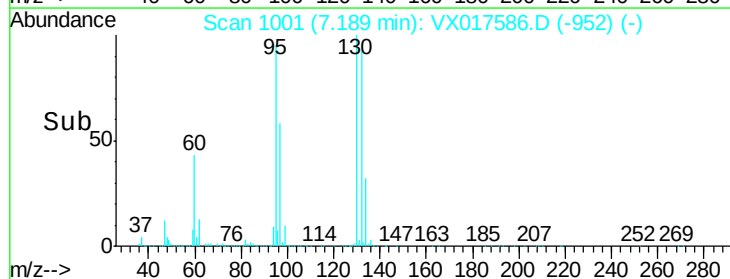
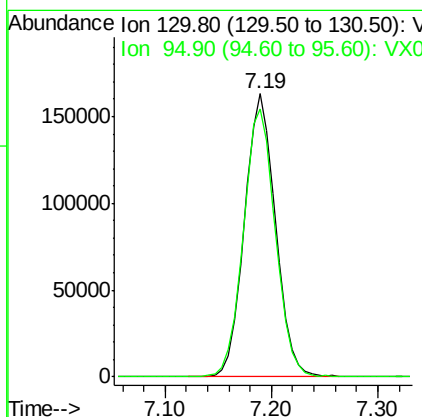
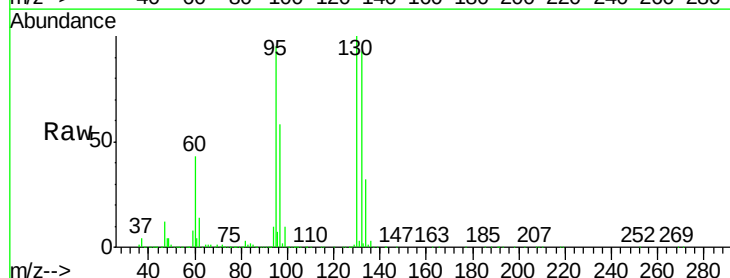
MMDadoda
 7/27/2020 11:02:27 AM

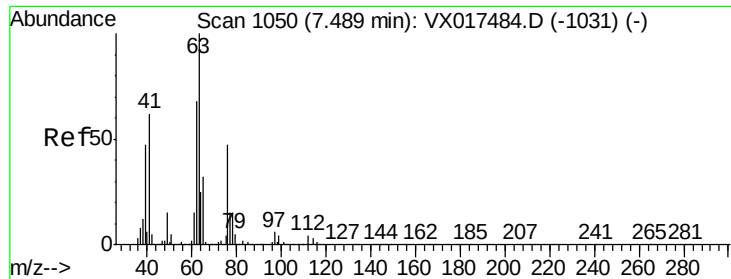


#44

Trichloroethene
 Concen: 51.887 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	189.0





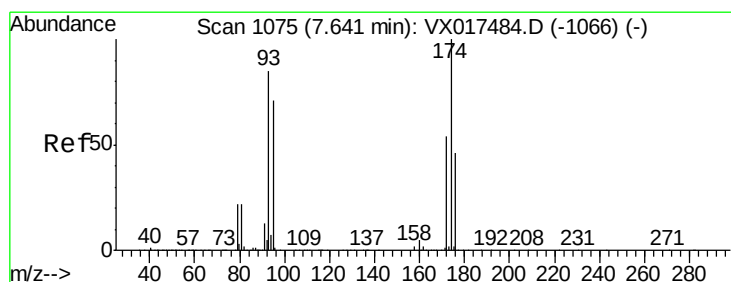
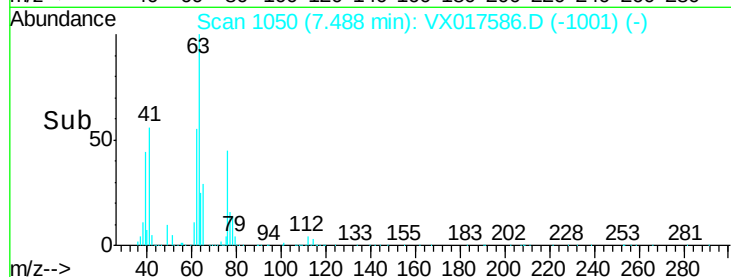
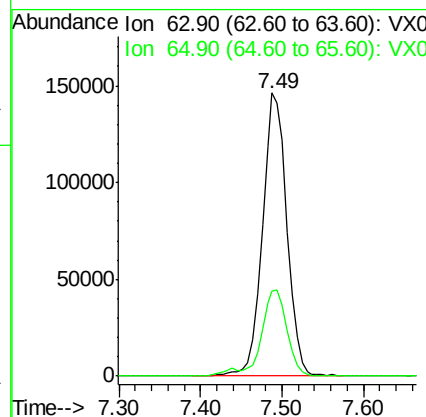
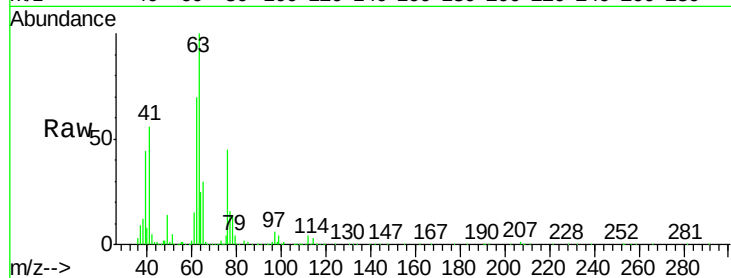
#45
 1,2-Dichloropropane
 Concen: 50.081 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.5	36.7

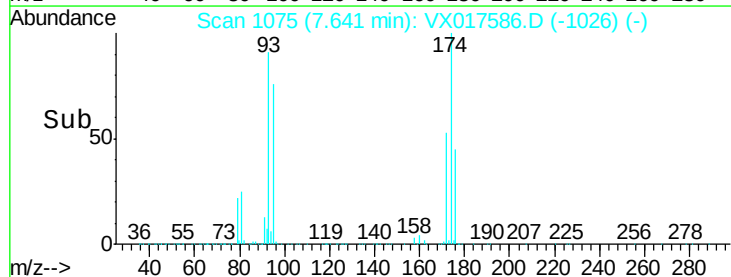
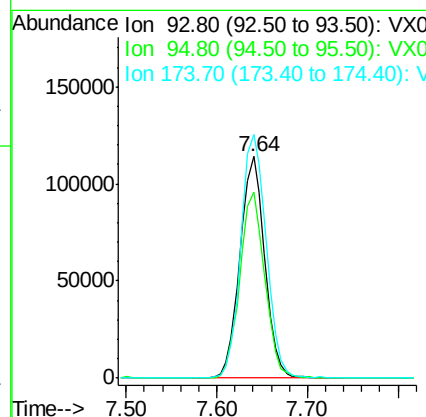
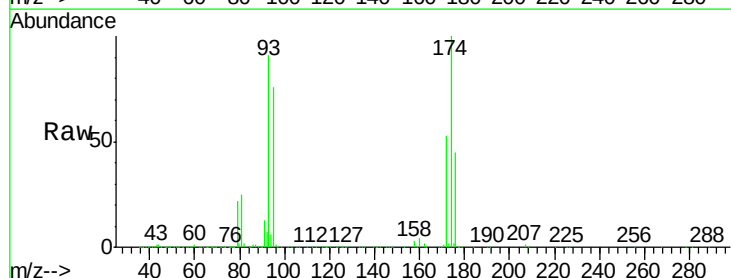
Manual Integrations
 APPROVED

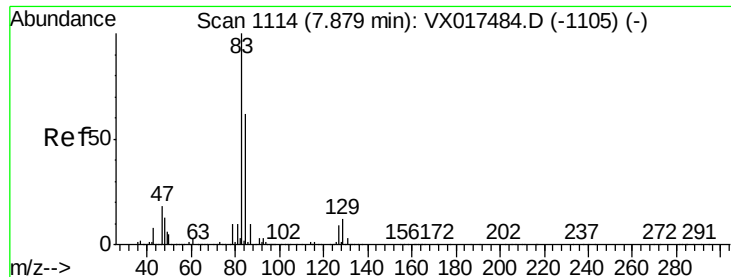
MMDadoda
 7/27/2020 11:02:27 AM



#46
 Dibromomethane
 Concen: 50.387 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.6	99.8
174	112.3	87.0	130.6





#47

Bromodichloromethane

Concen: 52.288 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

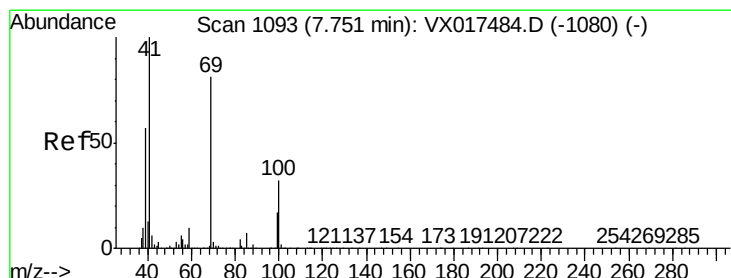
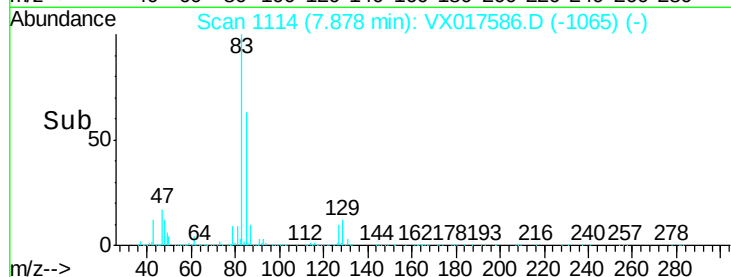
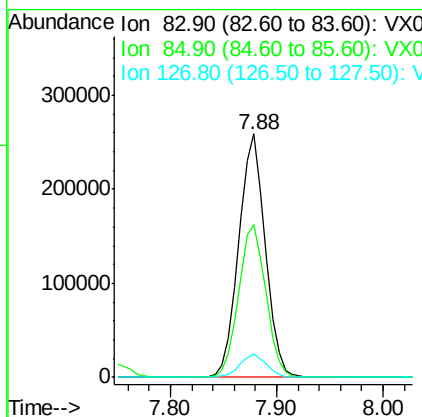
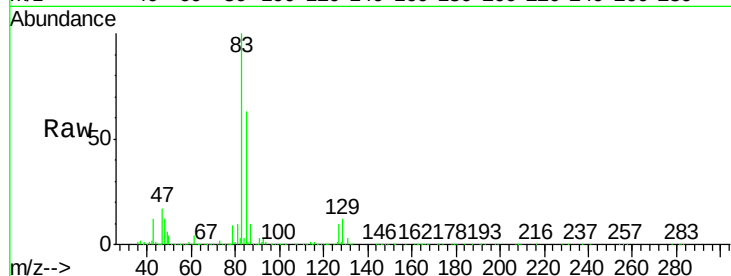
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	453783
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	9.5	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.319 ug/l

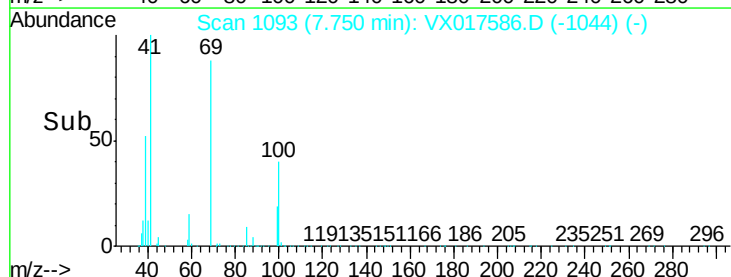
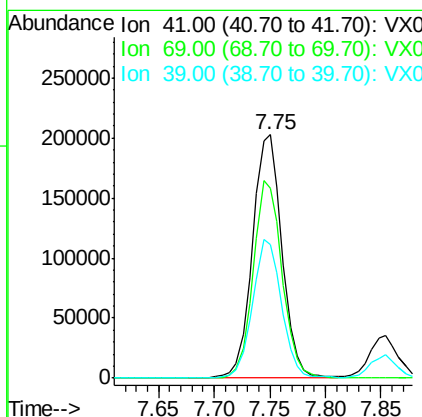
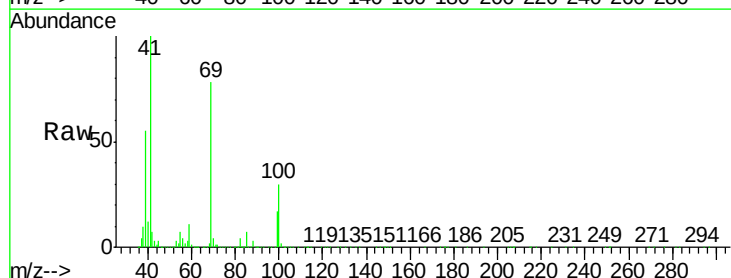
RT: 7.75 min Scan# 1093

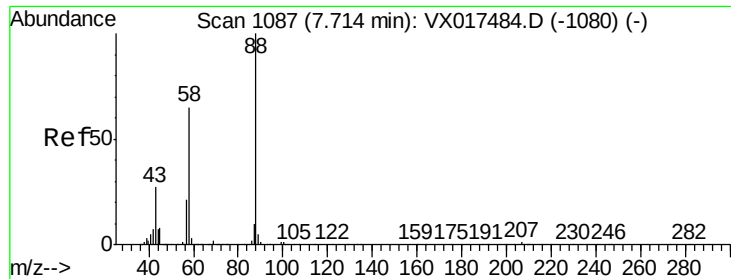
Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion:	41	Resp:	373269
Ion	Ratio	Lower	Upper
41	100		
69	80.3	63.1	94.7
39	56.3	45.1	67.7





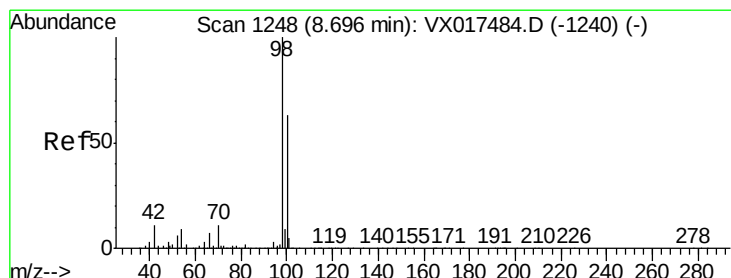
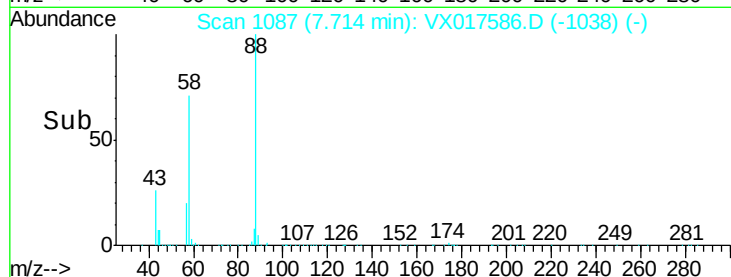
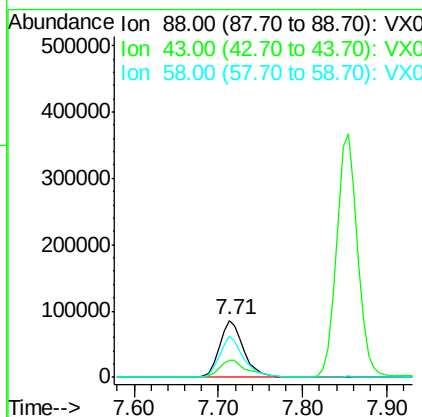
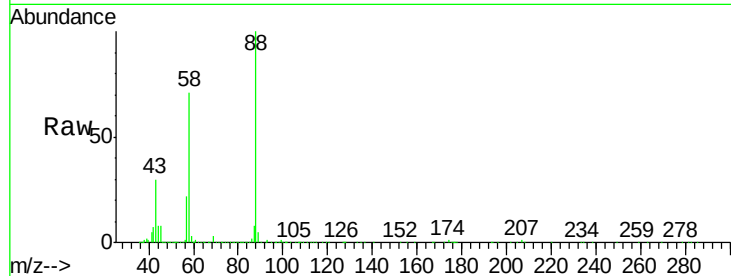
#49
1,4-Dioxane
Concen: 1268.846 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.8	41.6
58	70.7	58.3	87.5

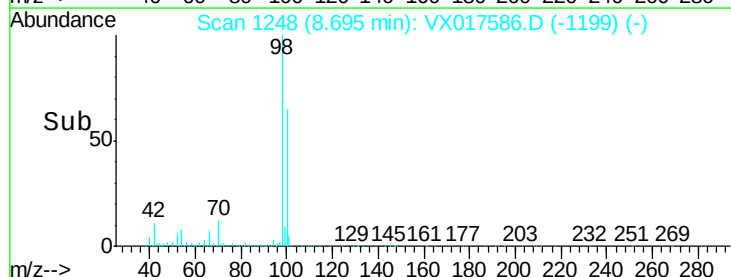
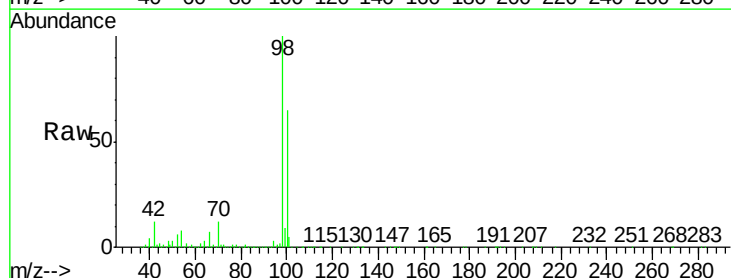
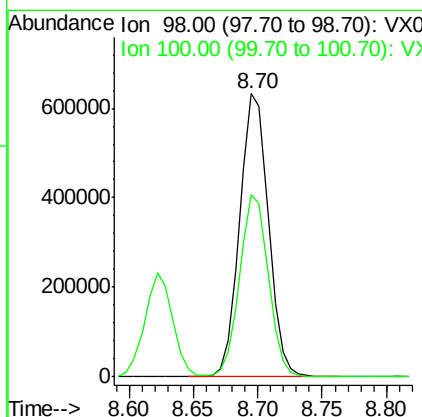
Manual Integrations
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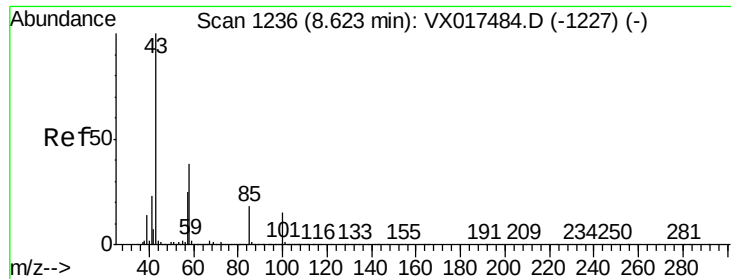
MMDadoda
7/27/2020 11:02:27 AM



#50
Toluene-d8
Concen: 50.538 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5





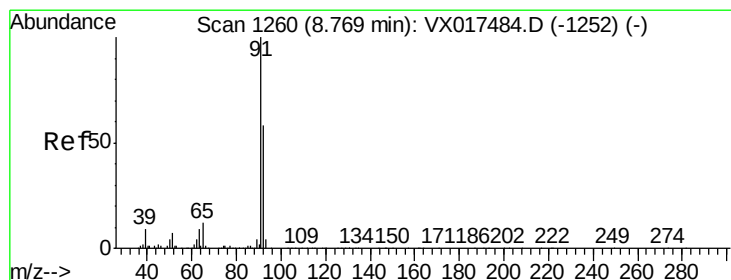
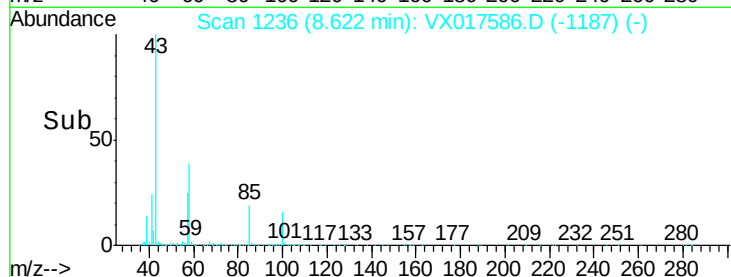
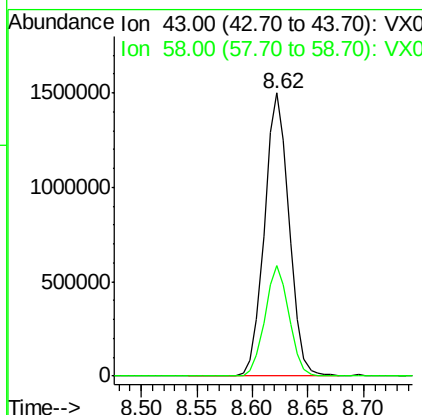
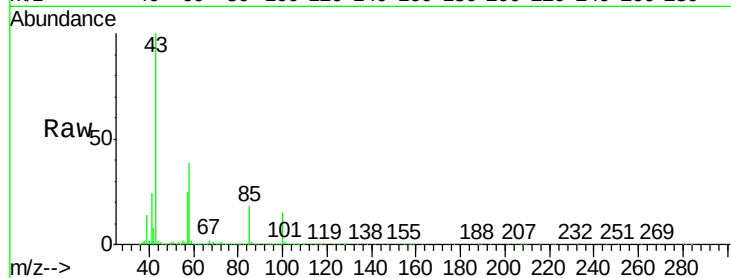
#51
 4-Methyl-2-Pentanone
 Concen: 280.302 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2318525
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4

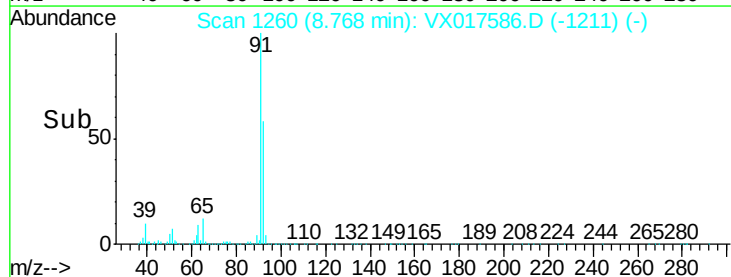
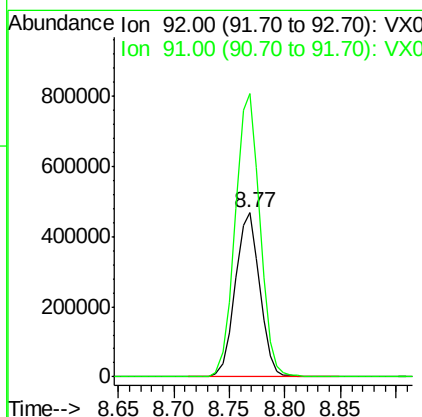
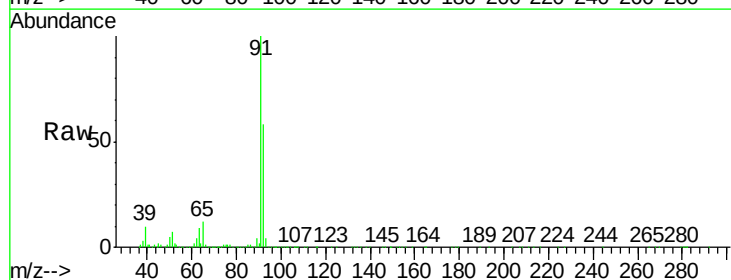
Manual Integrations
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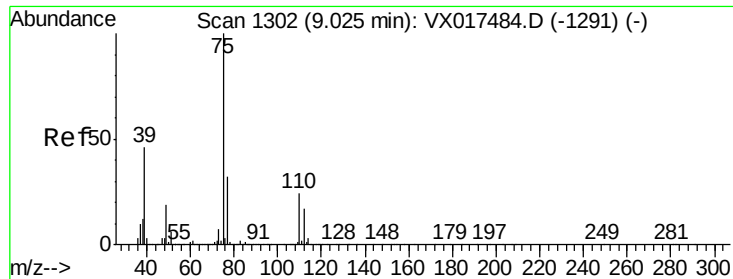
MMDadoda
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#52
 Toluene
 Concen: 50.478 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion: 92 Resp: 712699
 Ion Ratio Lower Upper
 92 100
 91 173.3 137.6 206.4





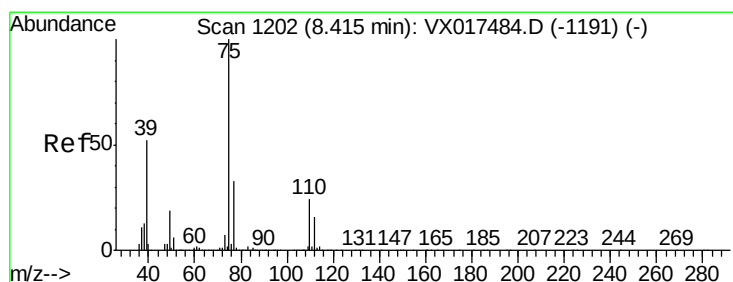
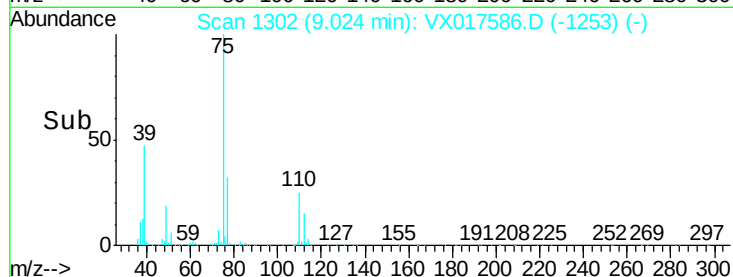
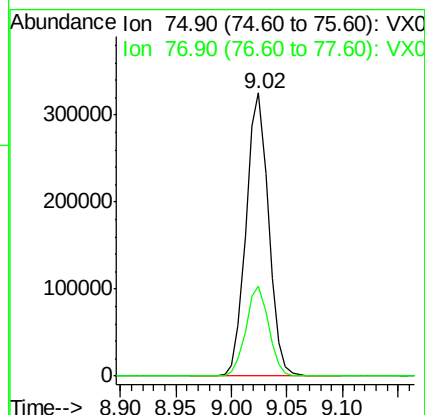
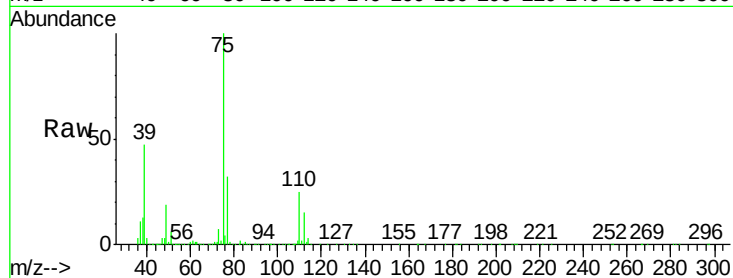
#53
t-1,3-Dichloropropene
Concen: 47.118 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 457748
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

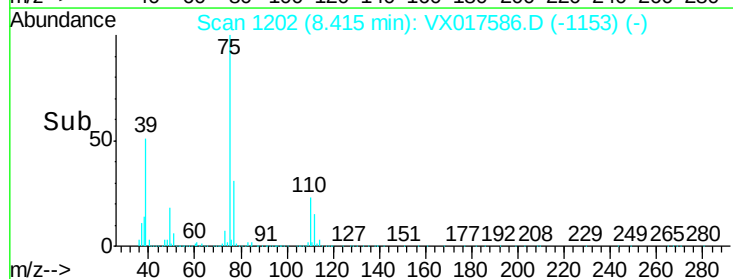
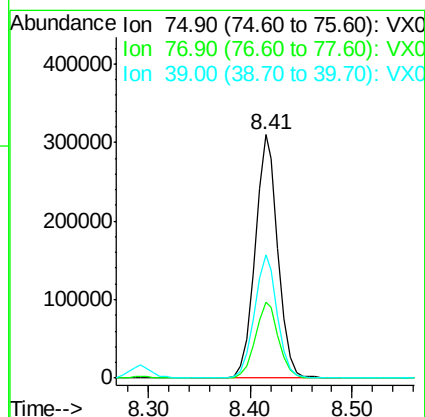
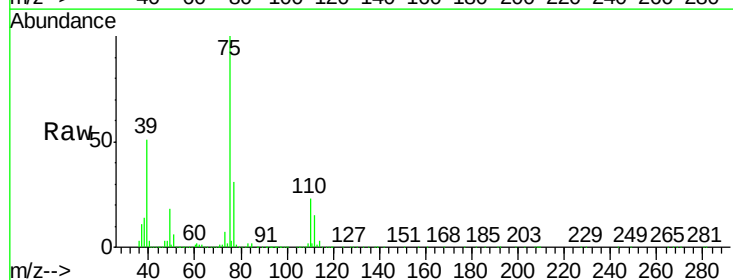
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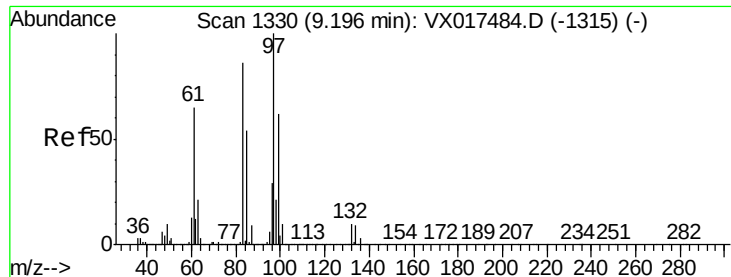
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.528 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 75 Resp: 480870
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 50.5 41.8 62.8





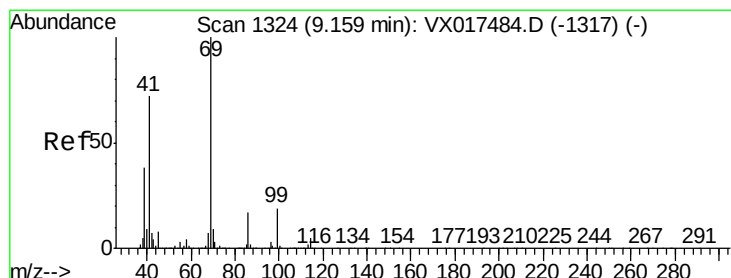
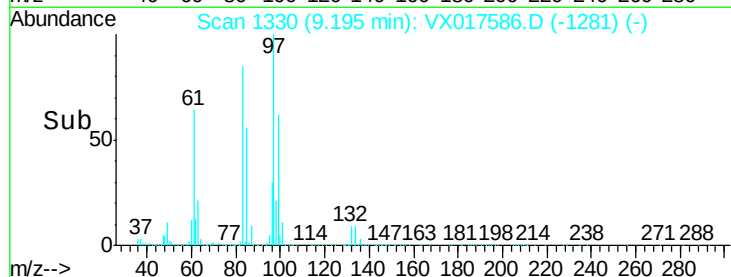
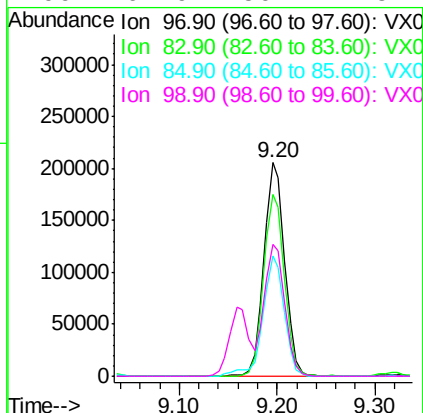
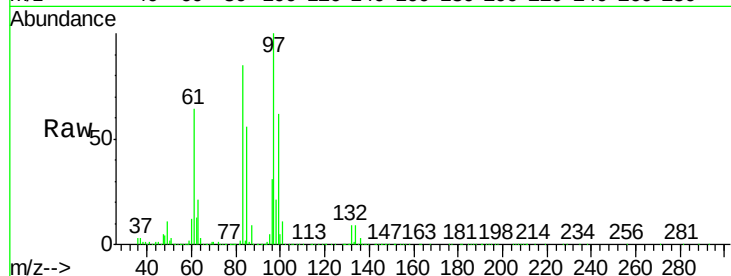
#55
 1,1,2-Trichloroethane
 Concen: 51.390 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.6	101.4
85	56.0	44.6	67.0
99	61.9	50.2	75.4

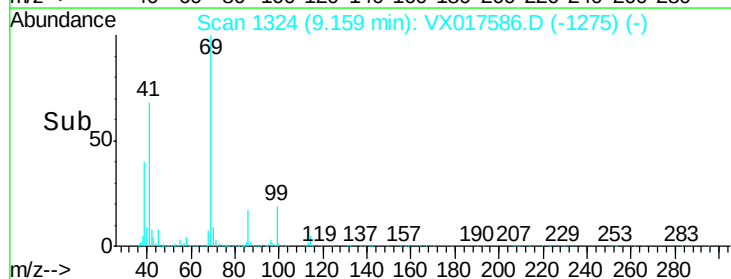
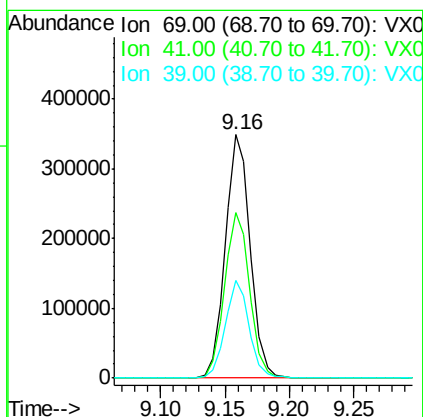
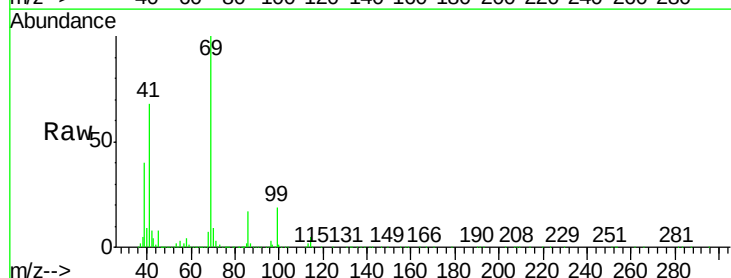
Manual Integrations
 APPROVED

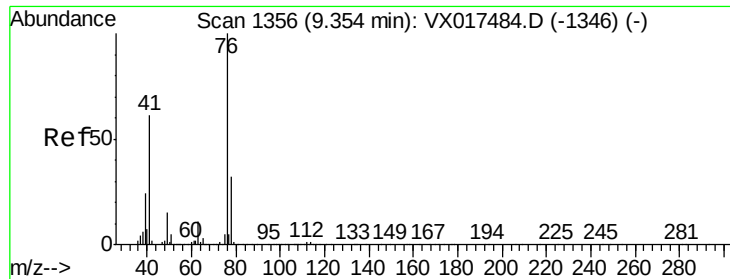
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#56
 Ethyl methacrylate
 Concen: 53.614 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.0	82.6
39	38.7	30.0	45.0





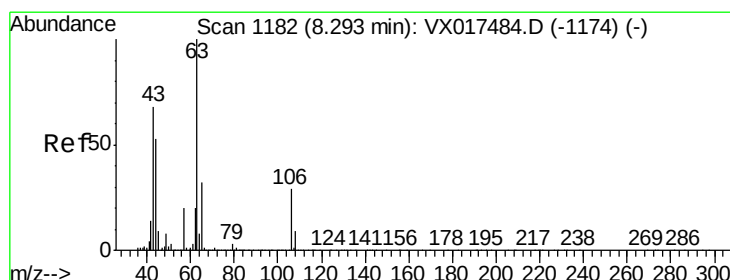
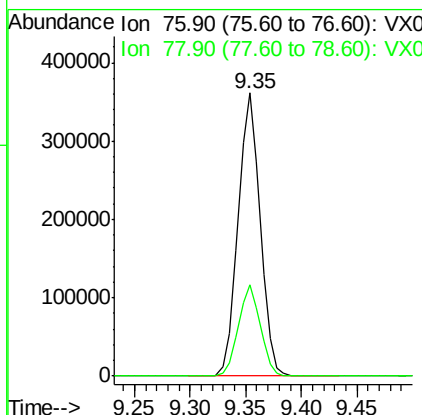
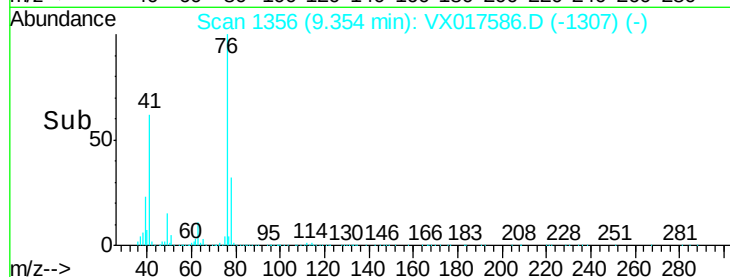
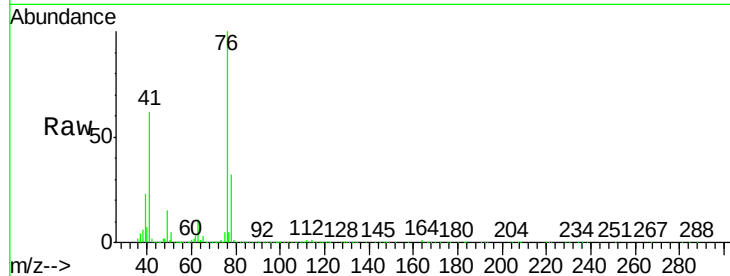
#57
 1,3-Dichloropropane
 Concen: 51.251 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 496355
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

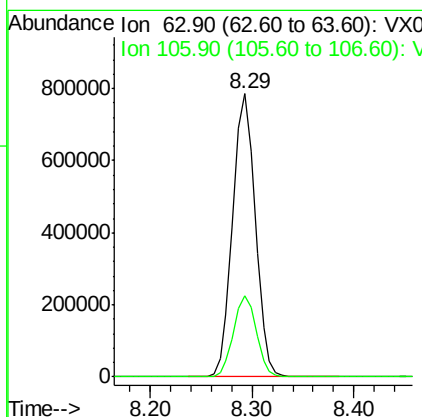
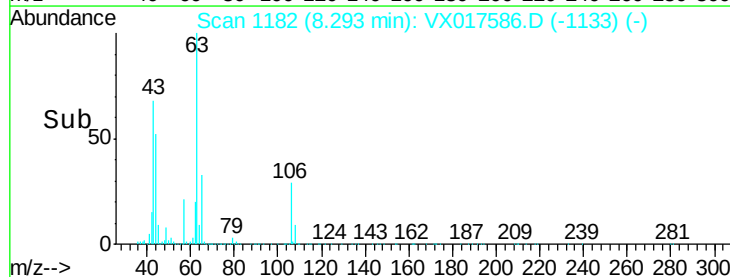
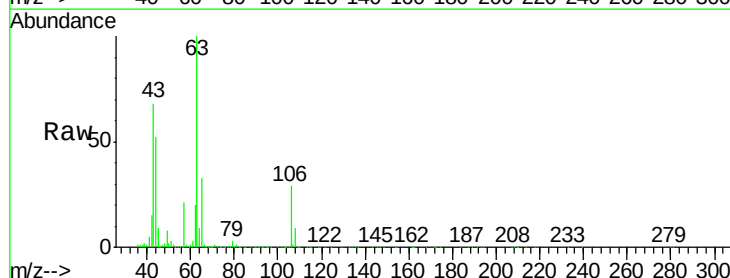
Manual Integrations
 APPROVED

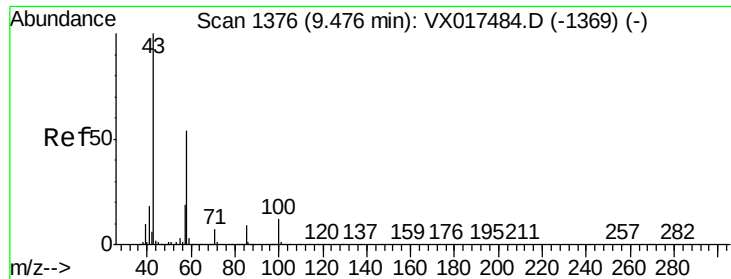
MMDadoda
 7/27/2020 11:02:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.686 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion: 63 Resp: 1202996
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.6 34.0





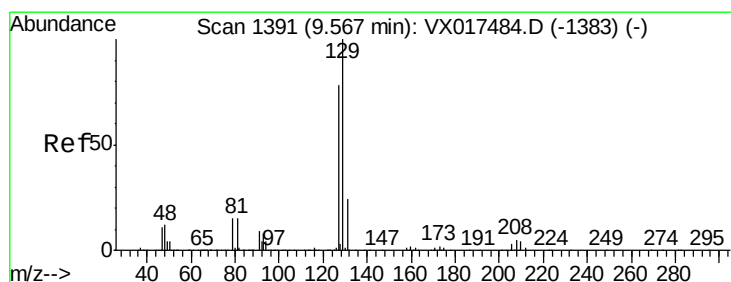
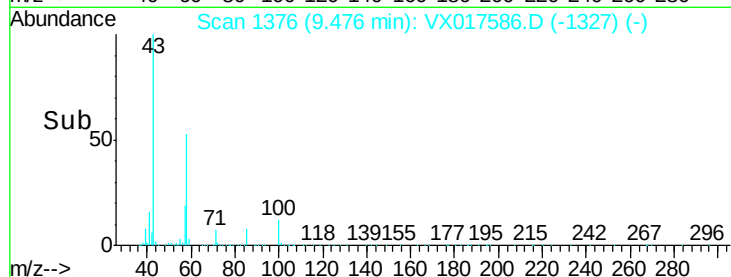
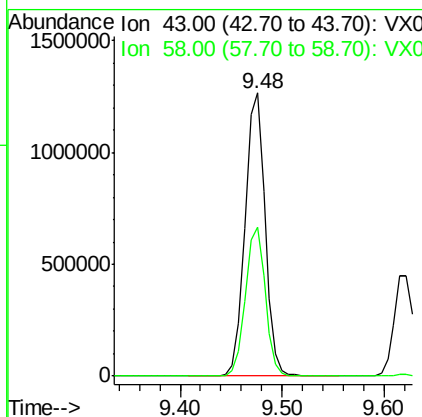
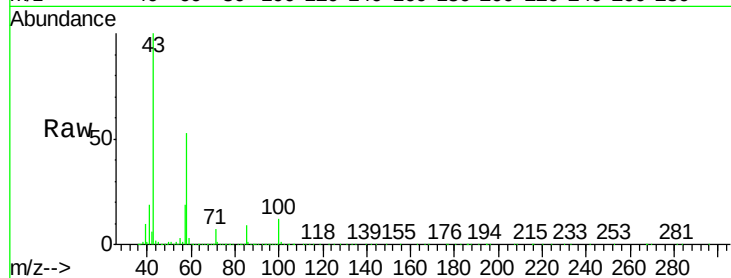
#59
2-Hexanone
Concen: 276.269 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1720470
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8

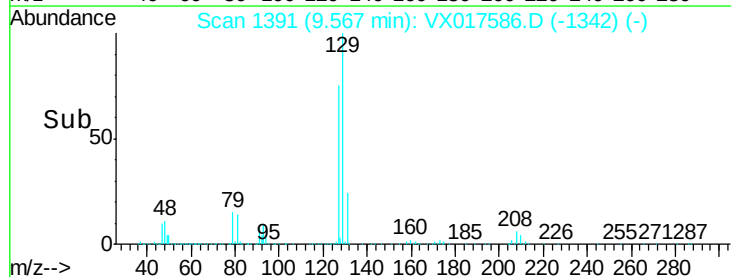
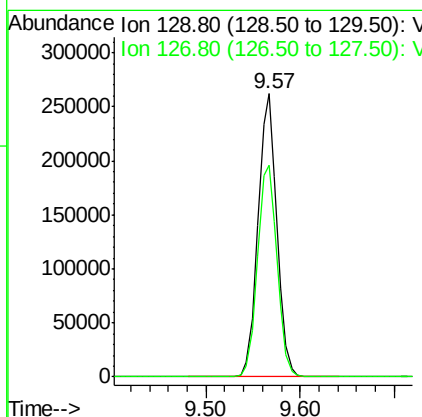
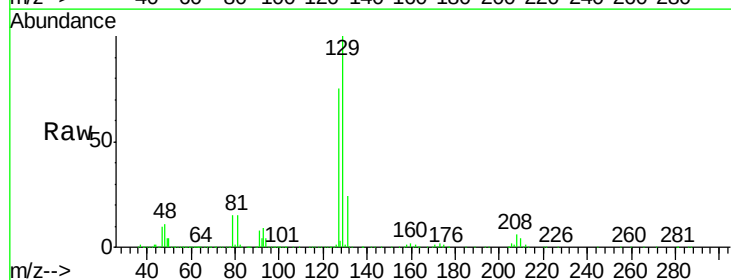
Manual Integrations
APPROVED

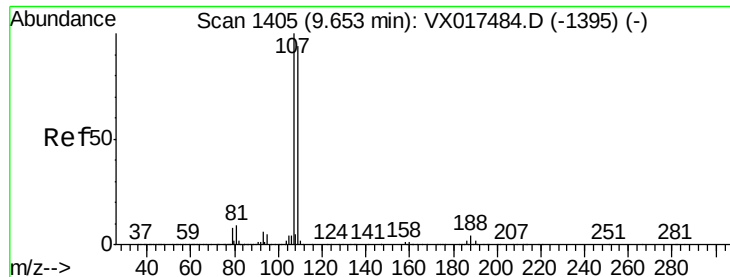
MMDadoda
7/27/2020 11:02:27 AM



#60
Dibromochloromethane
Concen: 49.621 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 129 Resp: 370946
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.183 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 314238

Ion Ratio Lower Upper

107 100

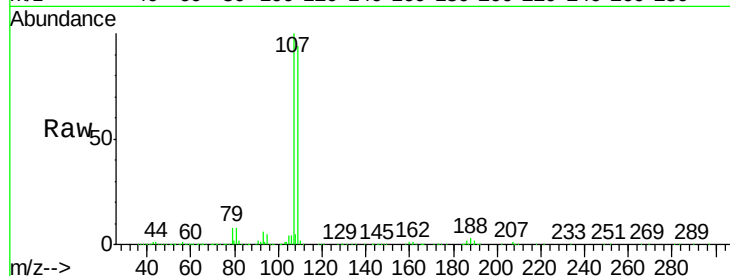
109 93.7 74.9 112.3

Manual Integrations

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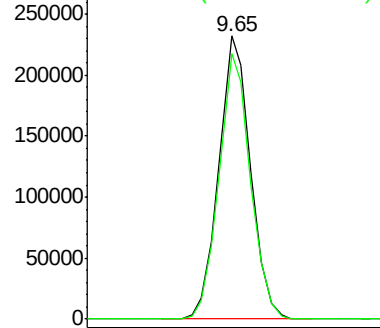
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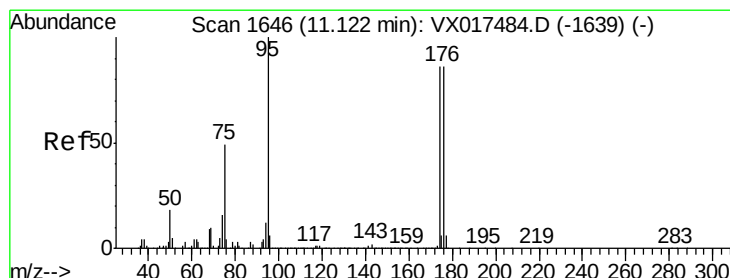
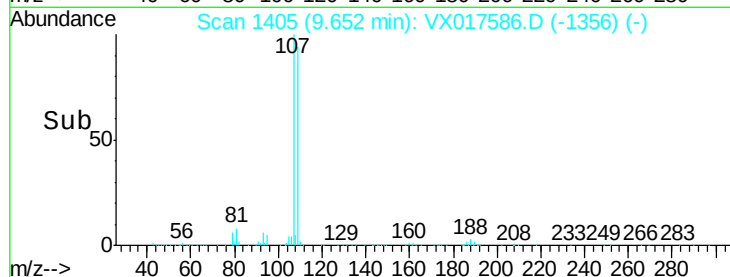


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.812 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

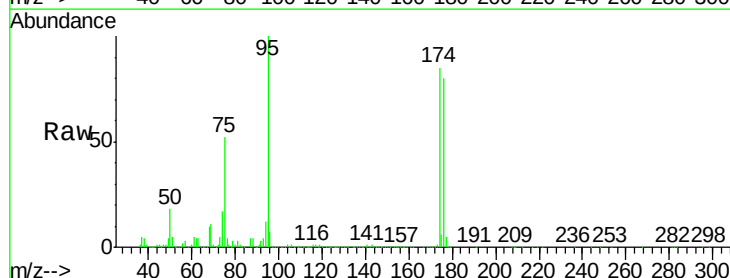
Tgt Ion: 95 Resp: 377367

Ion Ratio Lower Upper

95 100

174 83.1 0.0 169.0

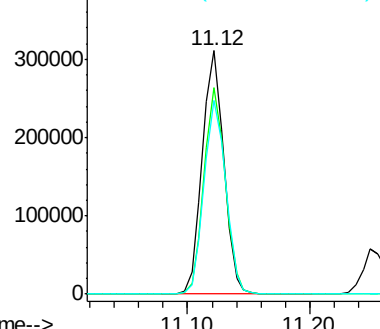
176 80.2 0.0 161.0



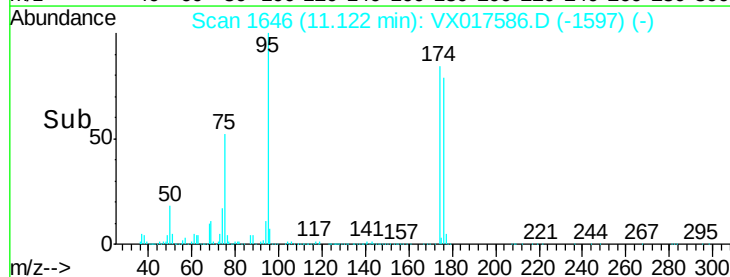
Abundance Ion 94.90 (94.60 to 95.60): VX0

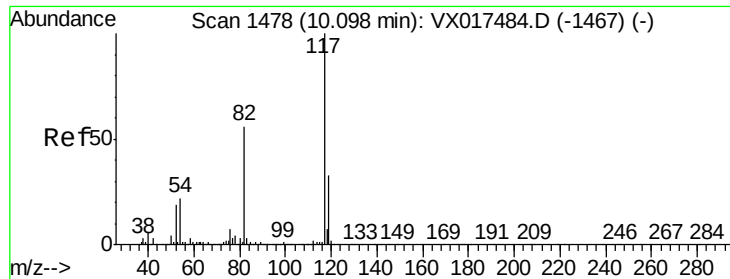
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





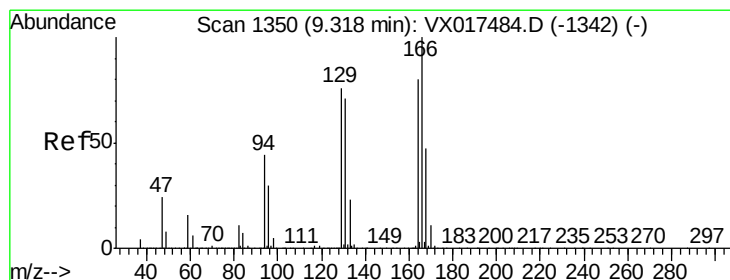
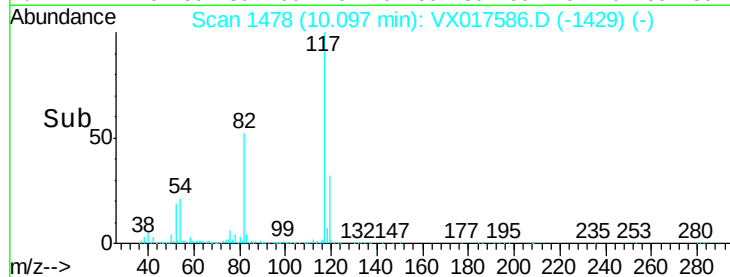
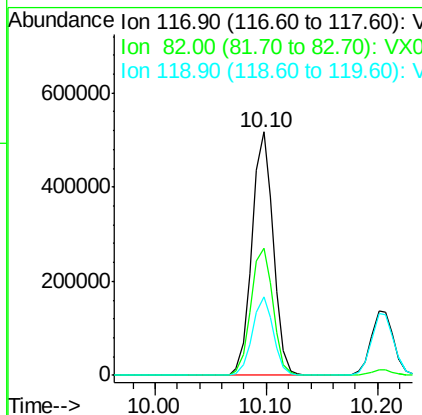
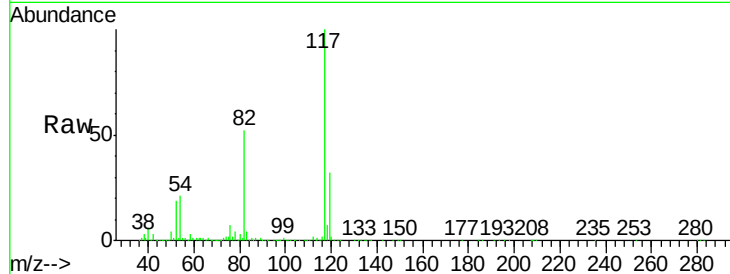
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.4	44.0	66.0
119	32.4	25.4	38.0

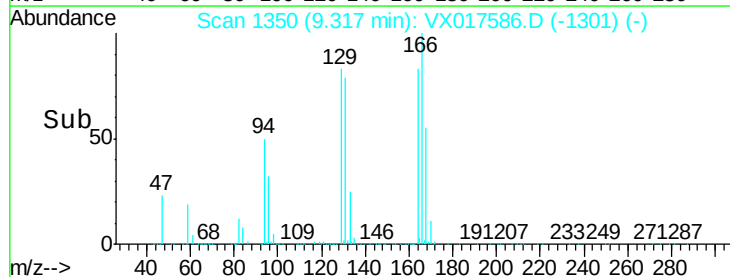
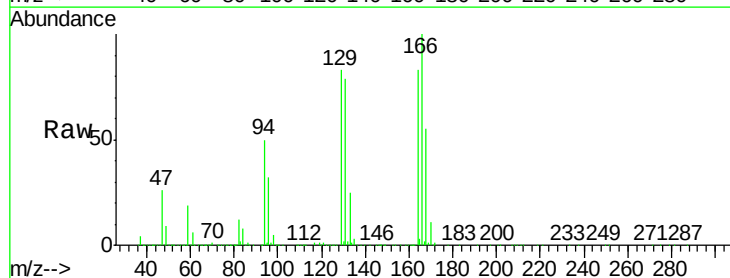
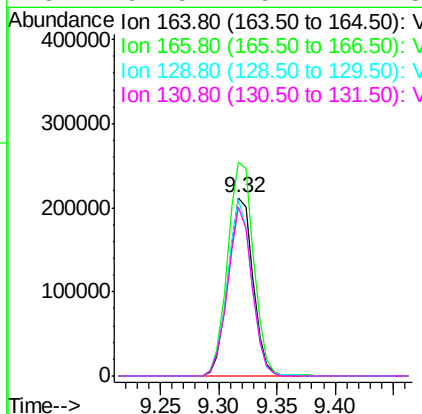
Manual Integrations
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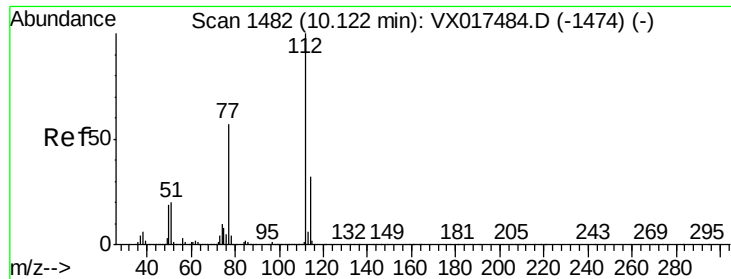
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#64
Tetrachloroethene
Concen: 51.105 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	119.8	100.6	150.8
129	99.4	75.0	112.6
131	94.5	75.2	112.8





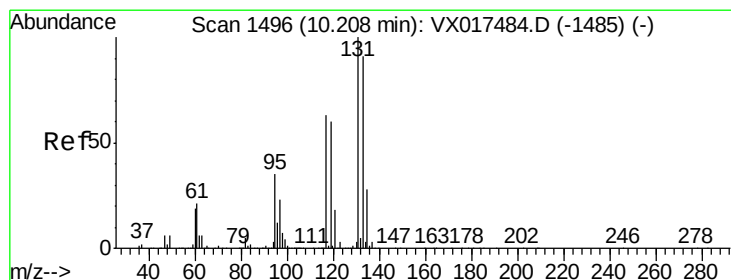
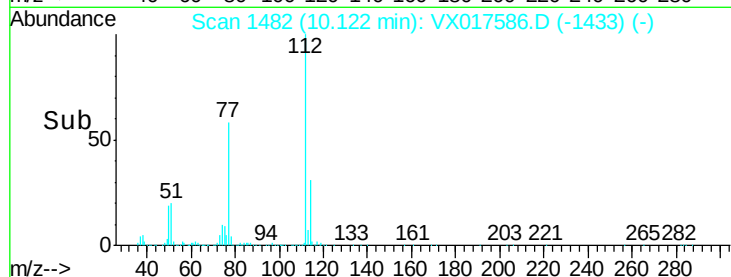
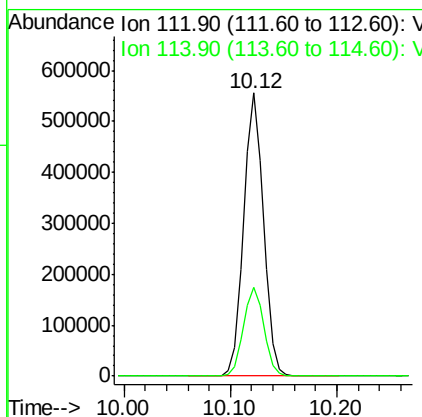
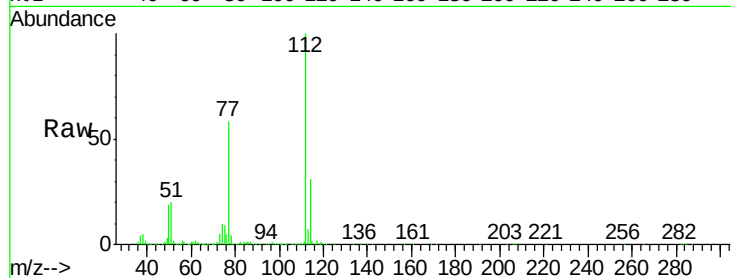
#65
Chlorobenzene
Concen: 49.027 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 730747
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

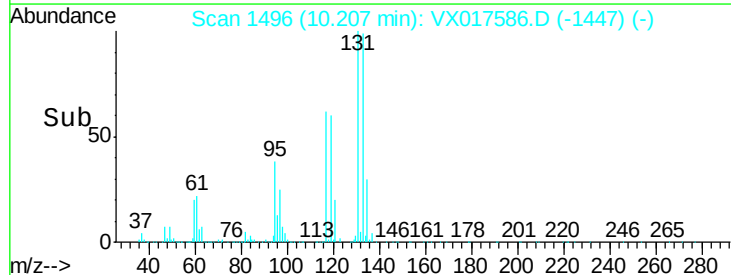
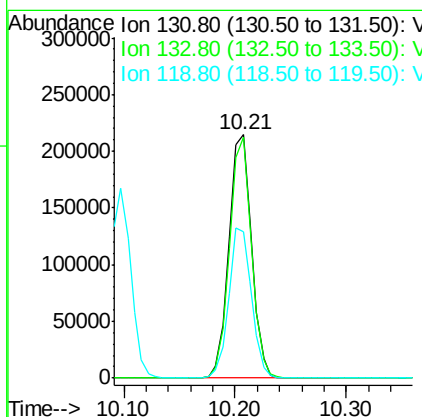
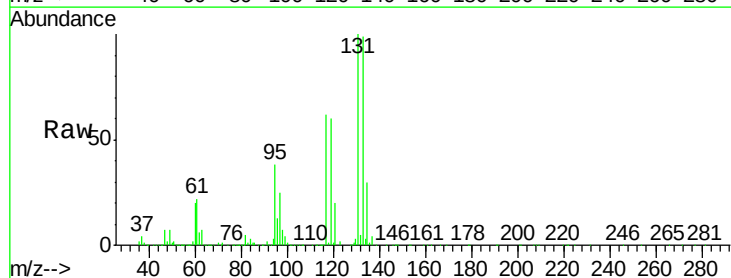
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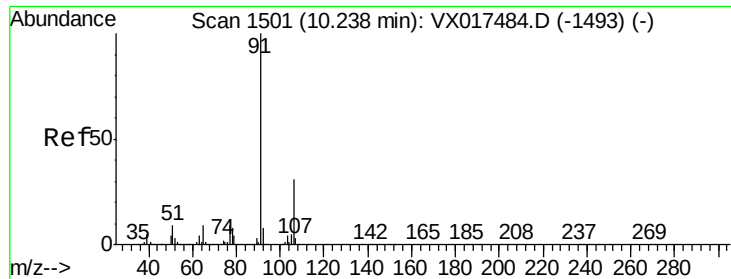
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.183 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:131 Resp: 301876
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 61.8 31.1 93.3





#67

Ethyl Benzene

Concen: 50.558 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1257912

Ion Ratio Lower Upper

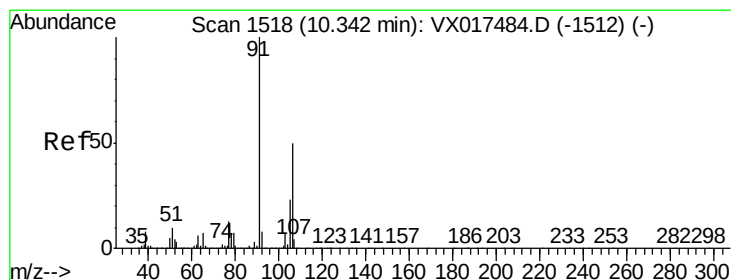
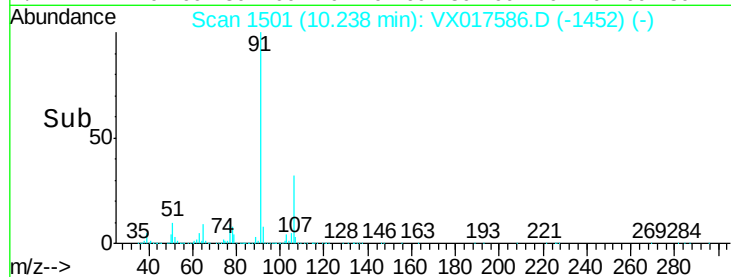
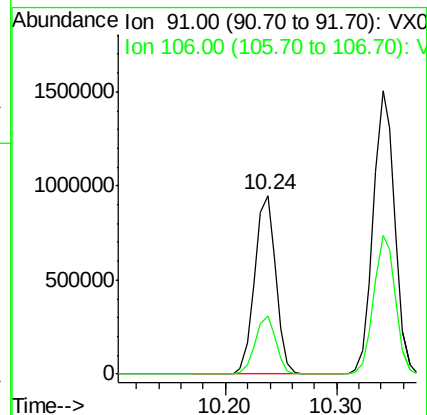
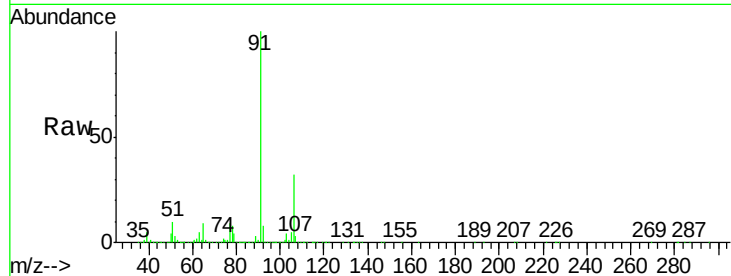
91 100

106 32.2 25.8 38.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 103.558 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017586.D

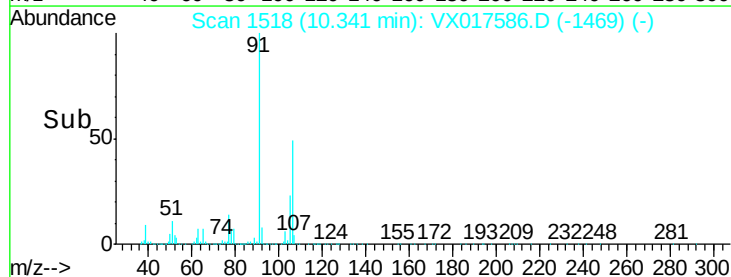
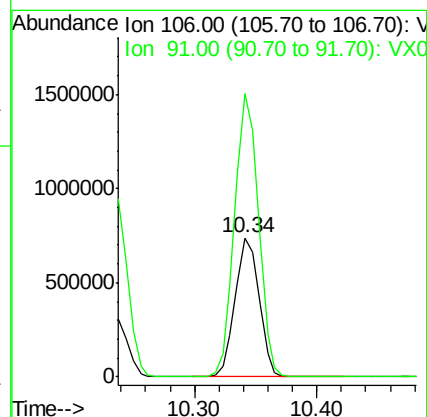
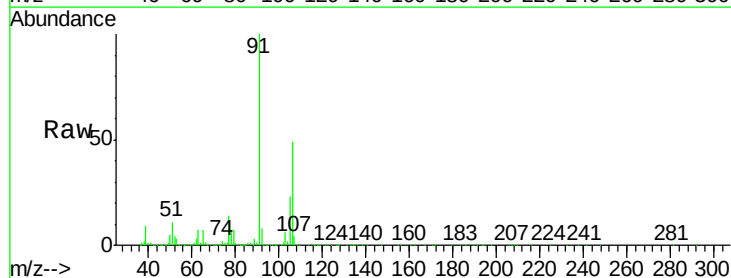
Acq: 25 Jul 2020 11:04

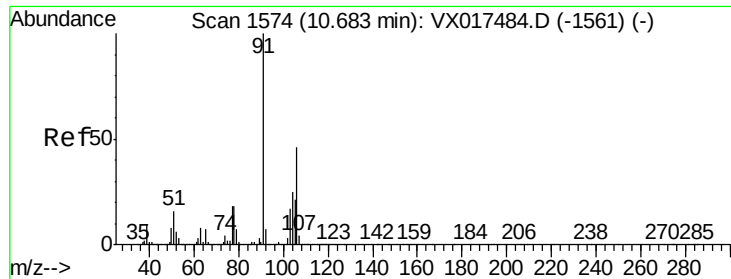
Tgt Ion: 106 Resp: 998163

Ion Ratio Lower Upper

106 100

91 202.8 160.9 241.3





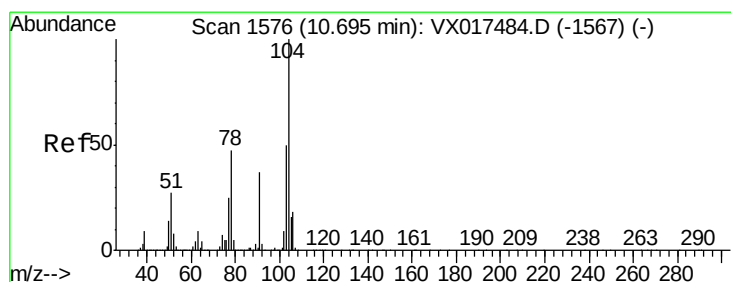
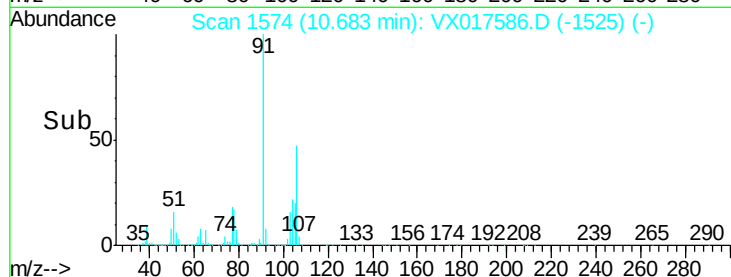
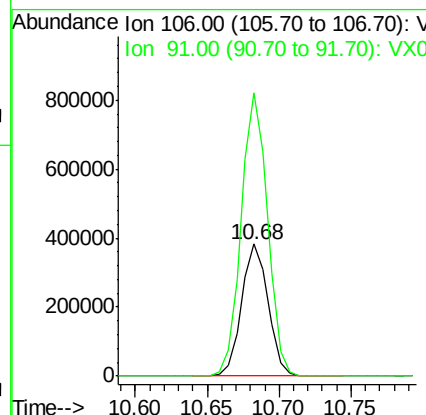
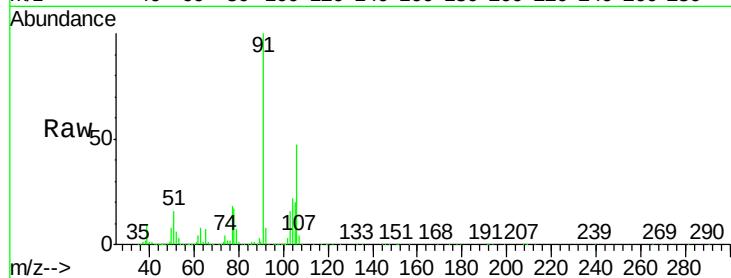
#69
o-Xylene
Concen: 52.755 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 489055
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6

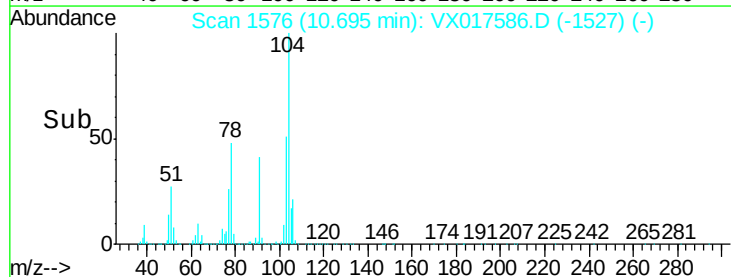
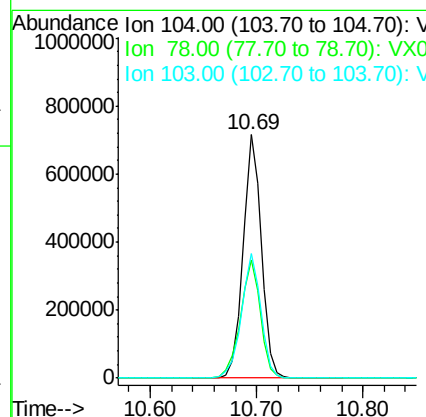
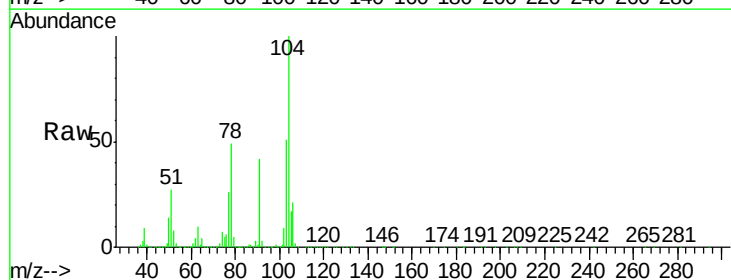
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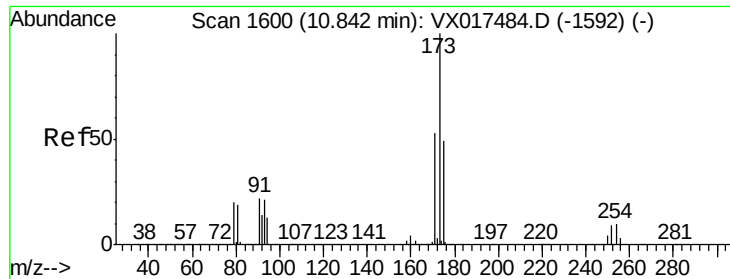
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#70
Styrene
Concen: 54.882 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:104 Resp: 865625
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 54.4 44.3 66.5





#71

Bromoform

Concen: 53.803 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

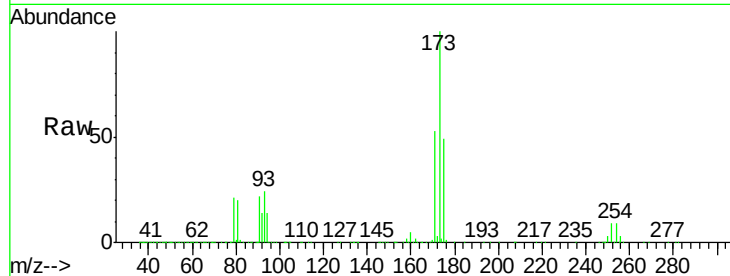
ClientSampleId :

VSTDCCC050

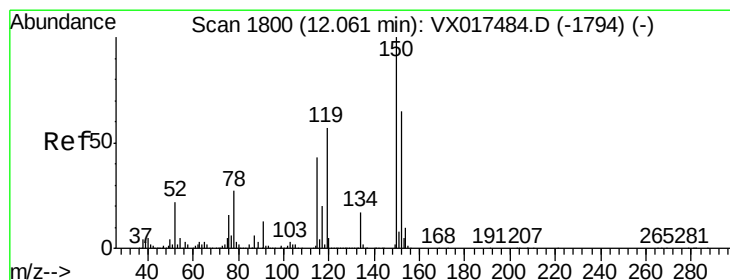
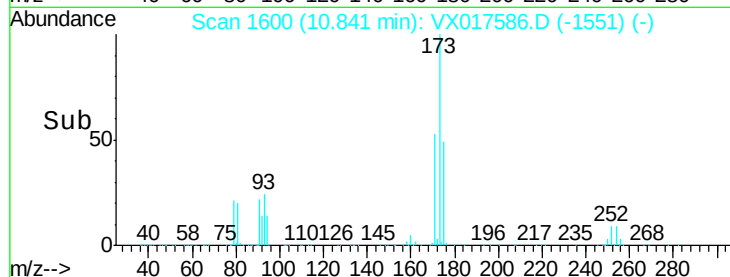
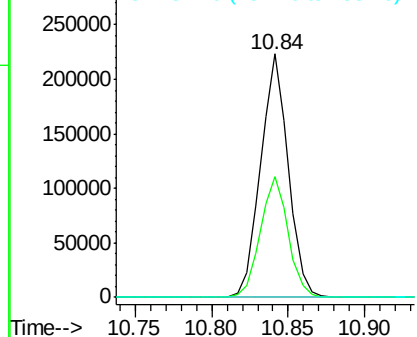
Tgt Ion:	173	Resp:	280408
Ion Ratio	Lower	Upper	
173	100		
175	49.9	23.8	71.5
254	0.2	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

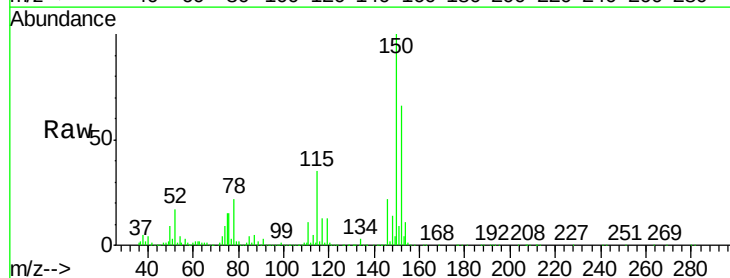
RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

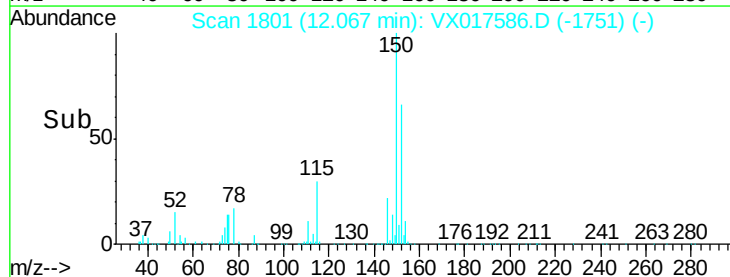
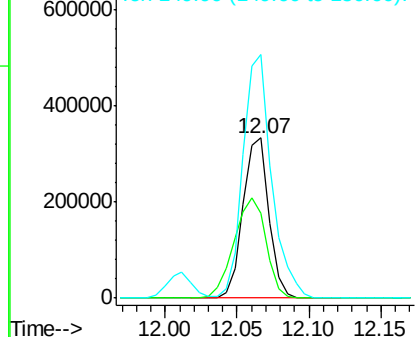
Lab File: VX017586.D

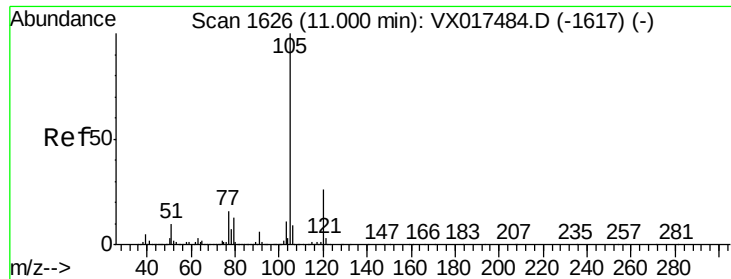
Acq: 25 Jul 2020 11:04

Tgt Ion:	152	Resp:	413320
Ion Ratio	Lower	Upper	
152	100		
115	78.4	65.5	196.6
150	168.9	0.0	412.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.378 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1400077

Ion Ratio Lower Upper

105 100

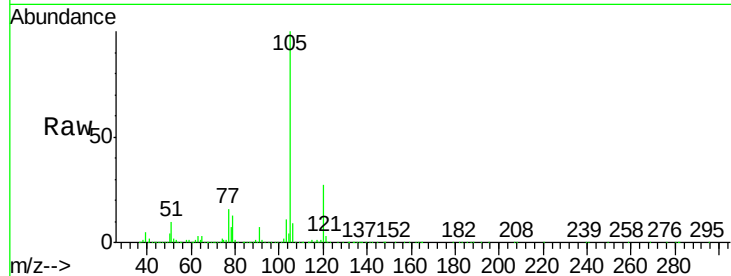
120 27.2 13.3 39.8

Manual Integrations

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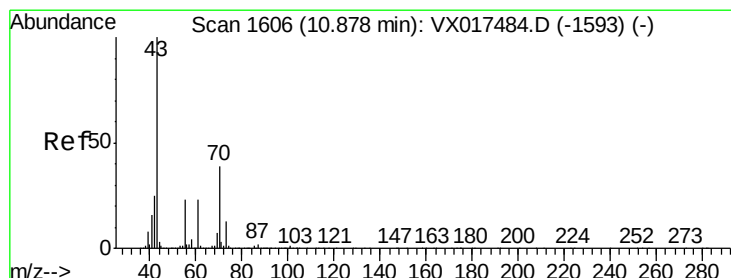
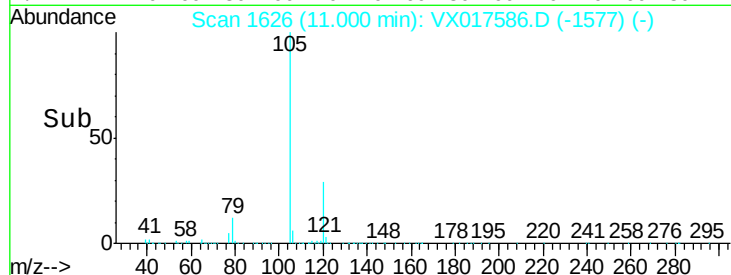
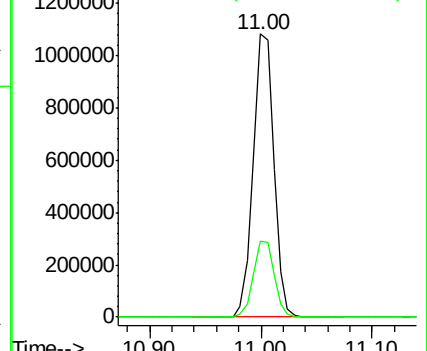
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.593 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion: 43 Resp: 586979

Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 24.0 18.4 27.6

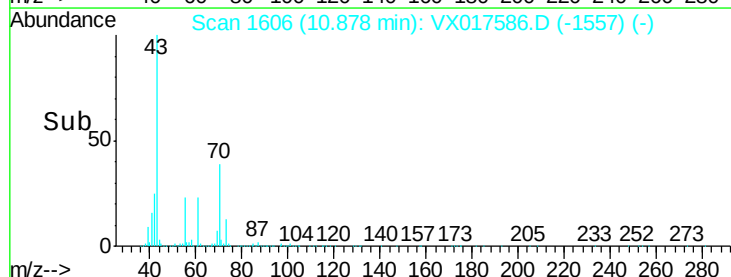
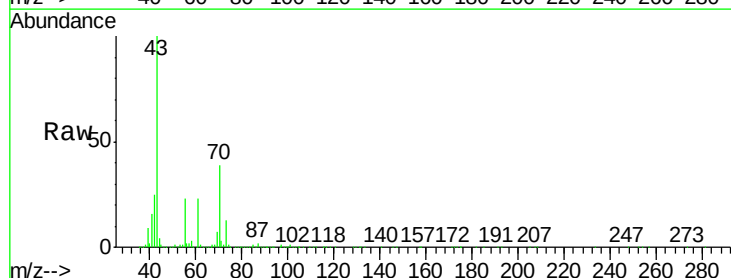
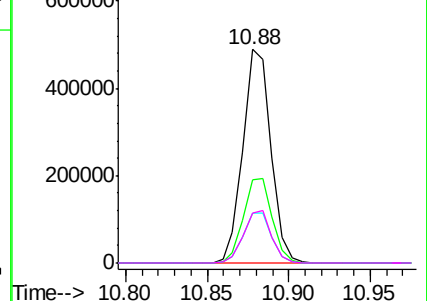
61 24.3 18.6 28.0

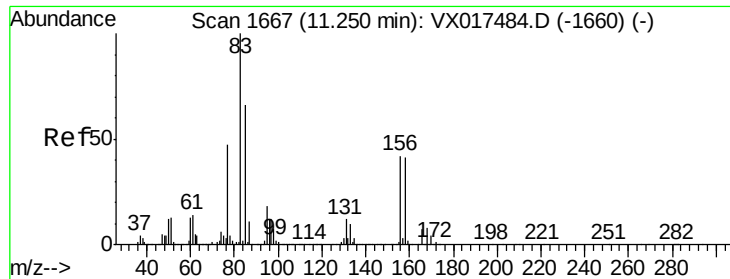
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.874 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 423708

Ion Ratio Lower Upper

83 100

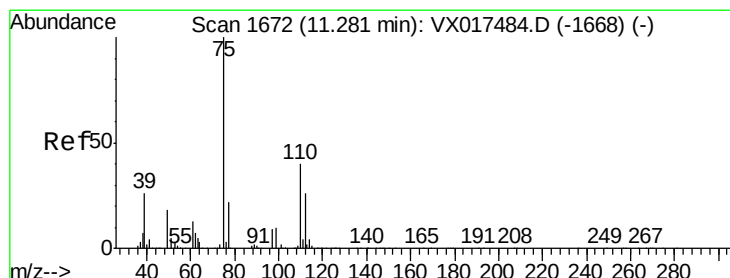
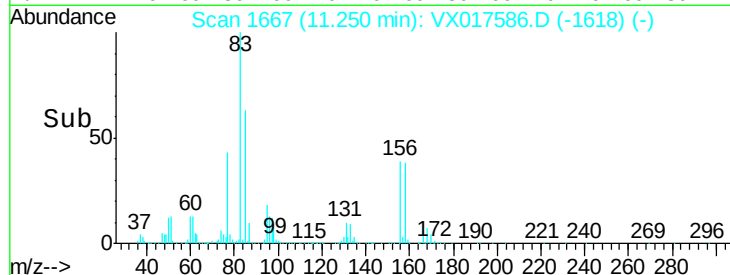
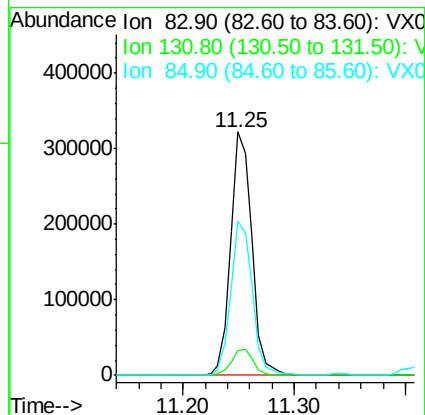
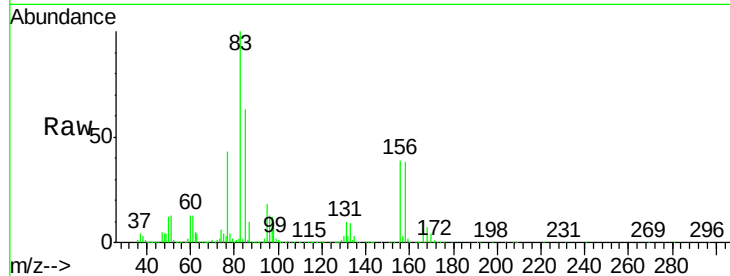
131 11.1 5.5 16.5

85 64.6 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 46.550 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017586.D

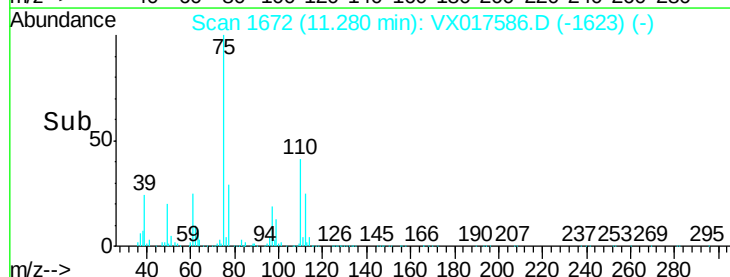
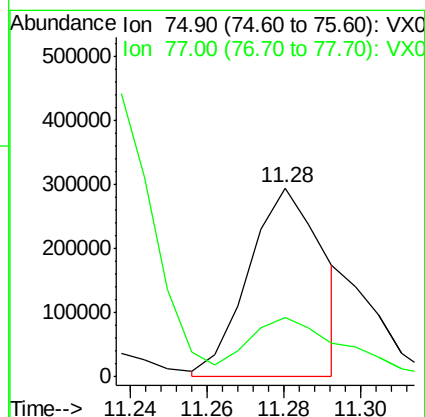
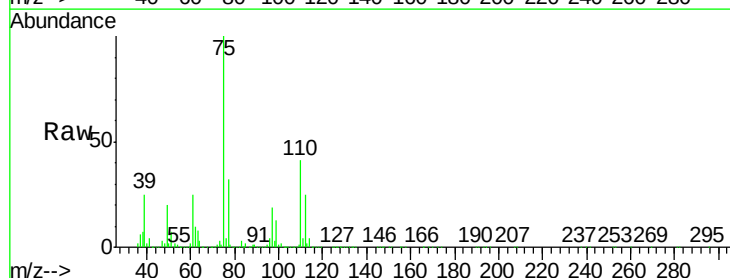
Acq: 25 Jul 2020 11:04

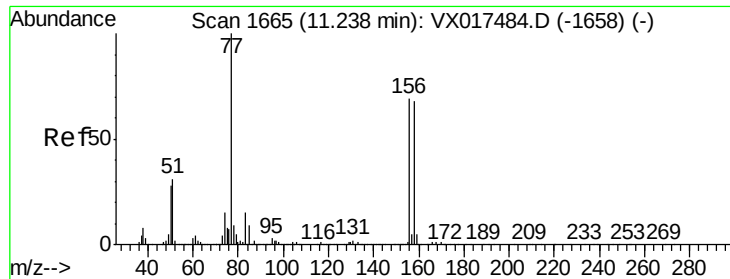
Tgt Ion: 75 Resp: 395779

Ion Ratio Lower Upper

75 100

77 40.1 21.8 65.3





#77

Bromobenzene

Concen: 48.525 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

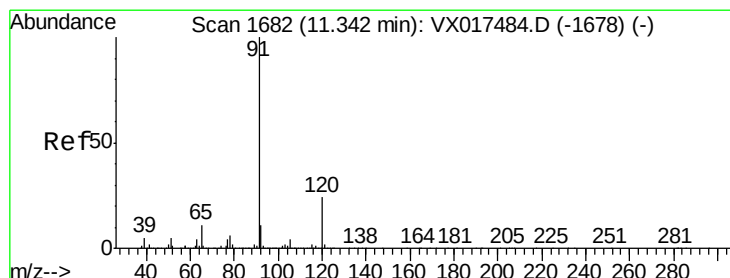
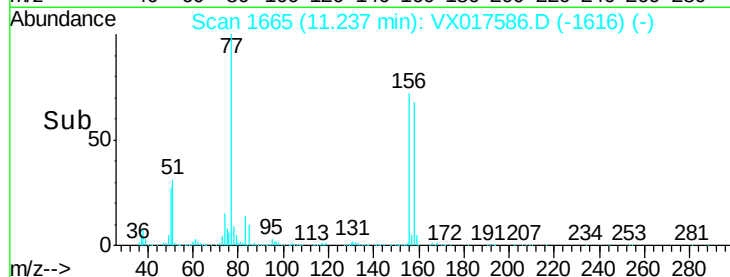
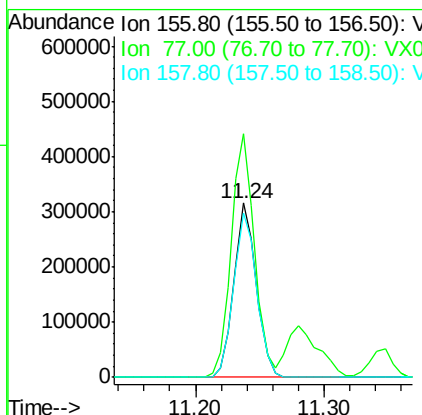
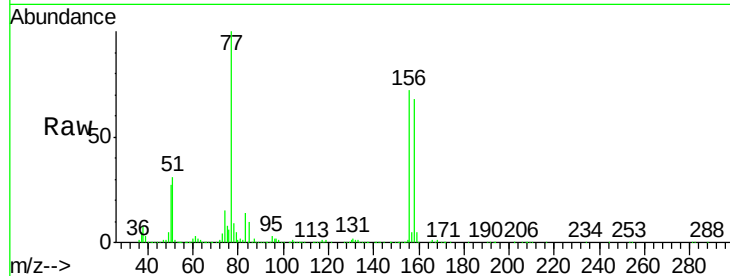
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	385190
Ion Ratio	Lower	Upper	
156	100		
77	144.6	75.0	225.0
158	97.0	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 46.152 ug/l

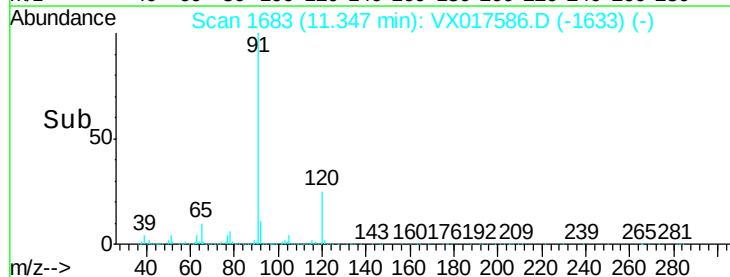
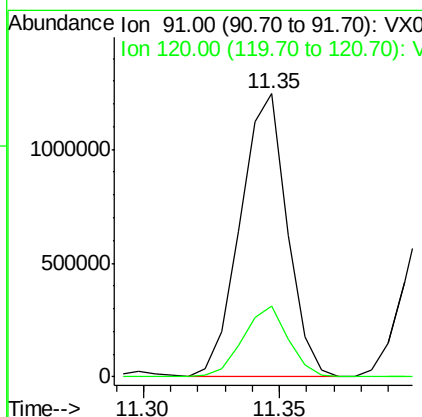
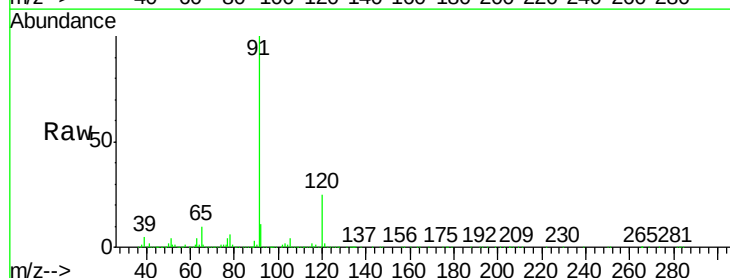
RT: 11.35 min Scan# 1683

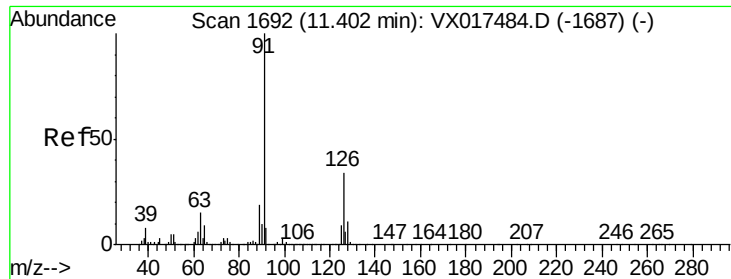
Delta R.T. 0.01 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Tgt Ion:	91	Resp:	1475918
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 45.314 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017586.D

Acq: 25 Jul 2020 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 897659

Ion Ratio Lower Upper

91 100

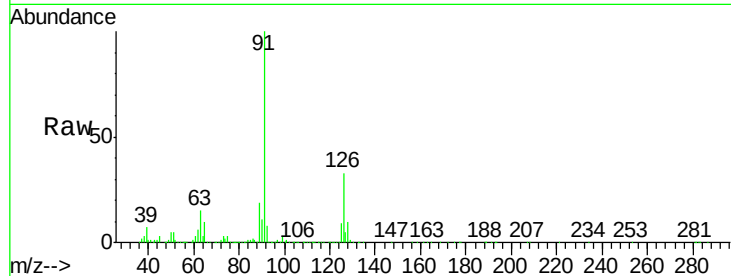
126 34.2 17.5 52.5

Manual Integrations

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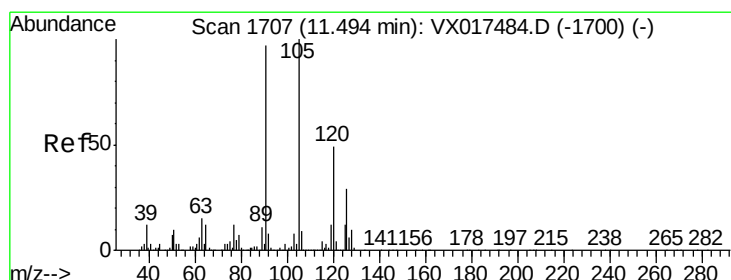
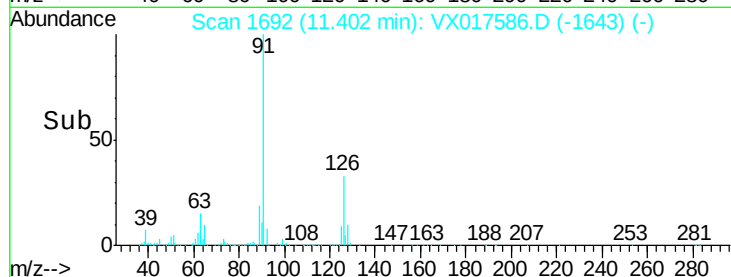
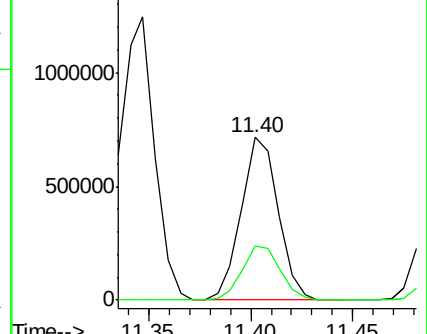
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.601 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017586.D

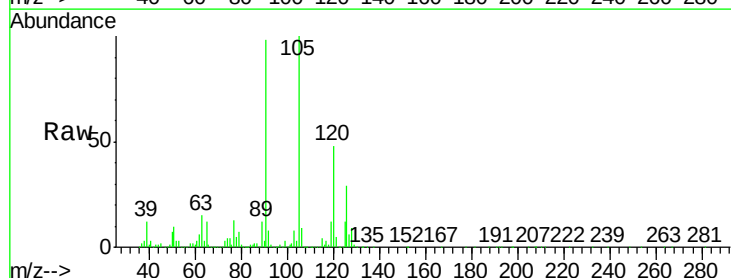
Acq: 25 Jul 2020 11:04

Tgt Ion: 105 Resp: 1128185

Ion Ratio Lower Upper

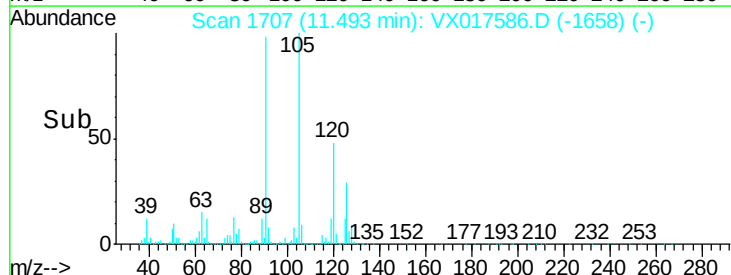
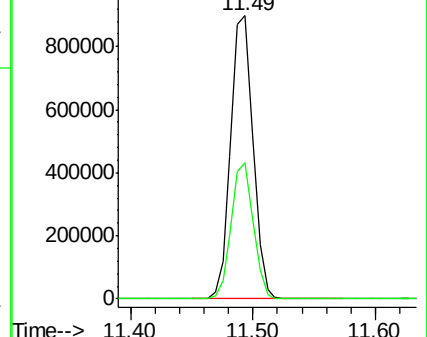
105 100

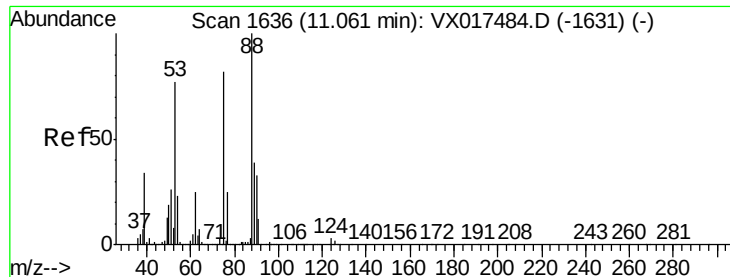
120 47.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)





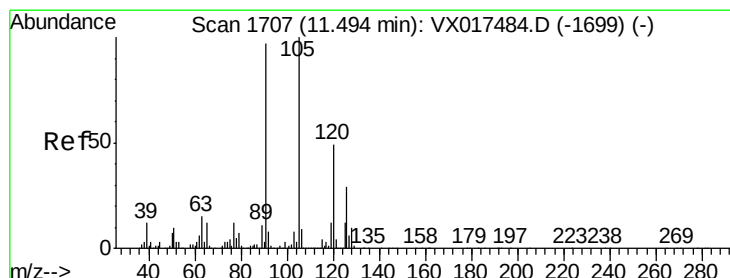
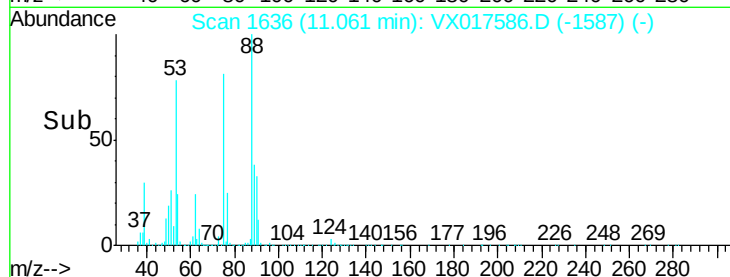
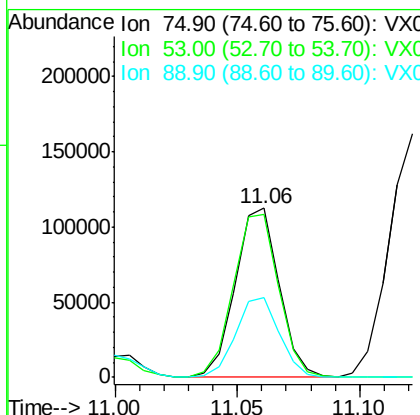
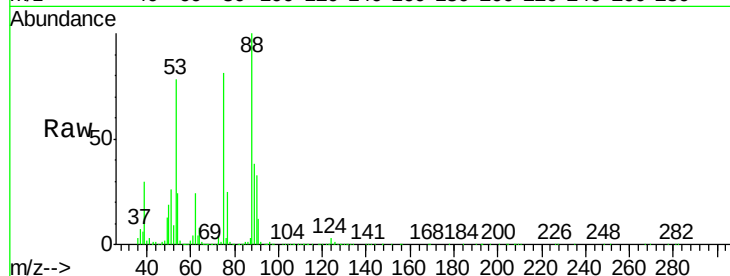
#81
trans-1,4-Dichloro-2-butene
Concen: 41.282 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 139294
Ion Ratio Lower Upper
75 100
53 99.8 75.9 113.9
89 47.5 37.8 56.6

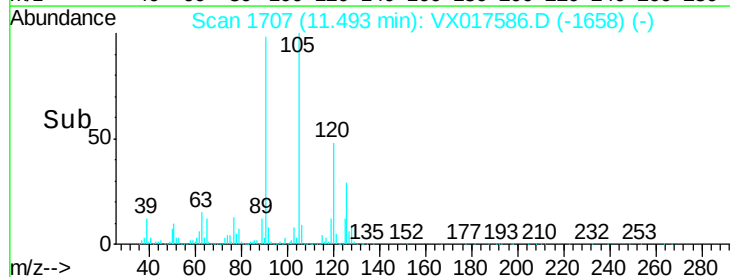
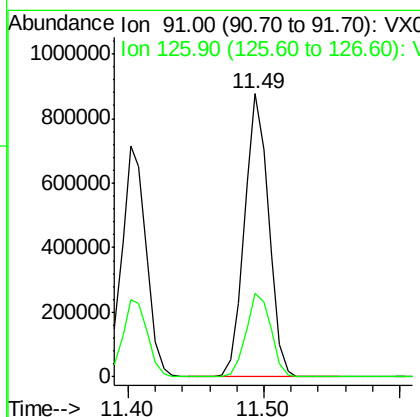
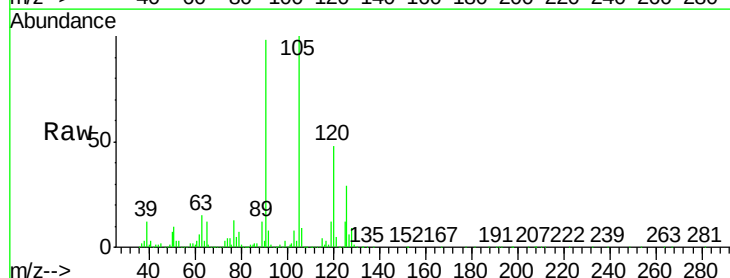
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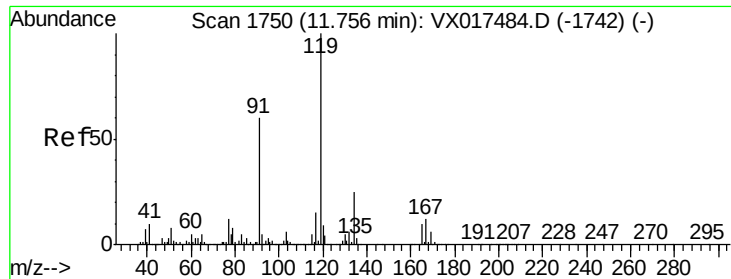
MMDadoda
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#82
4-Chlorotoluene
Concen: 46.415 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 91 Resp: 1084632
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.6





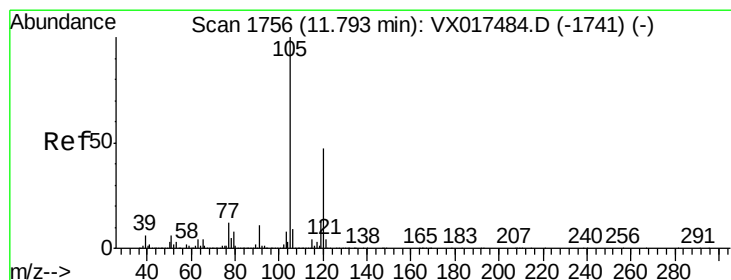
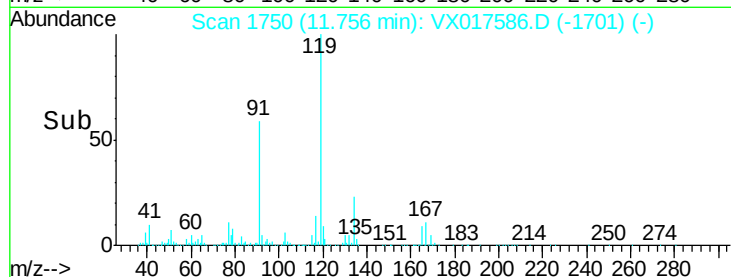
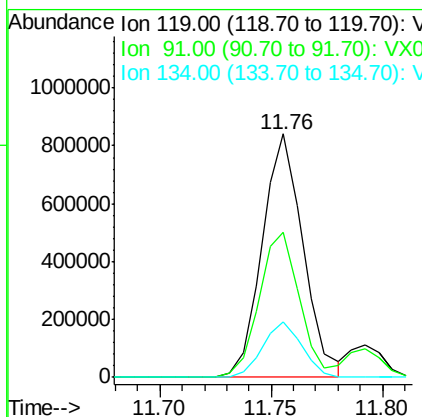
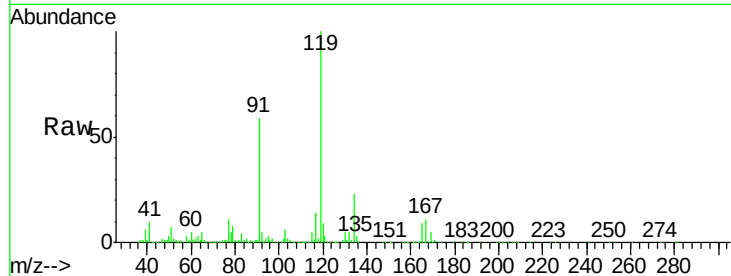
#83
 tert-Butylbenzene
 Concen: 46.332 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 1073273
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.3 88.0
 134 22.3 11.2 33.6

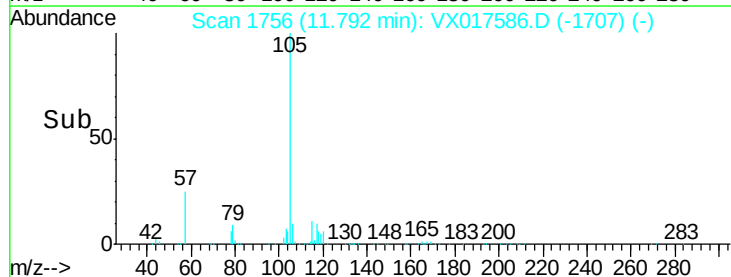
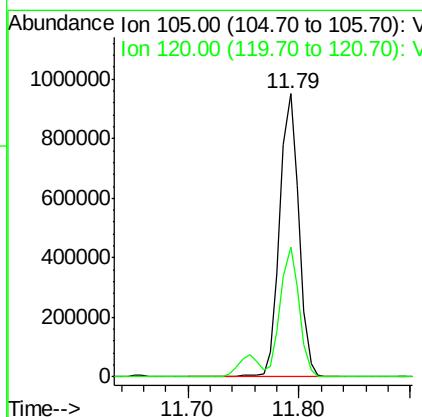
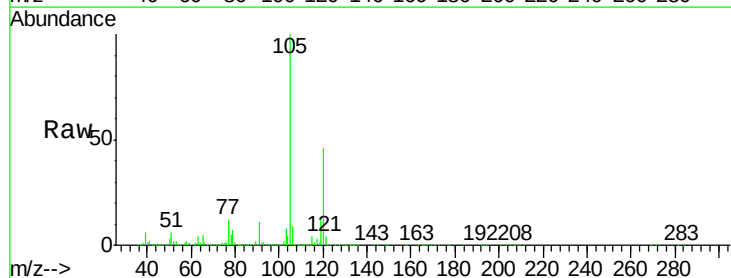
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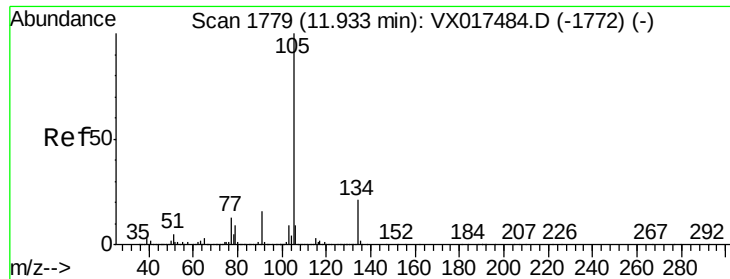
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.145 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion:105 Resp: 1135221
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.0





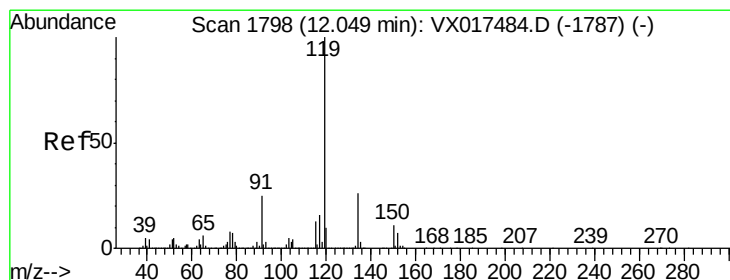
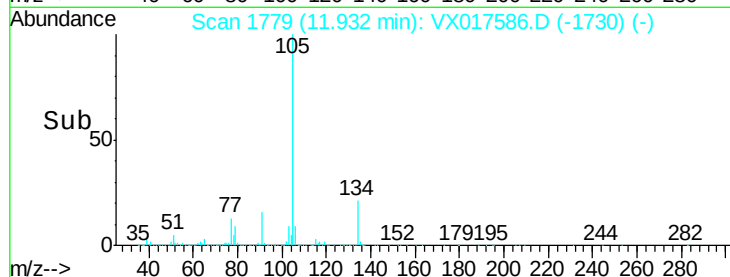
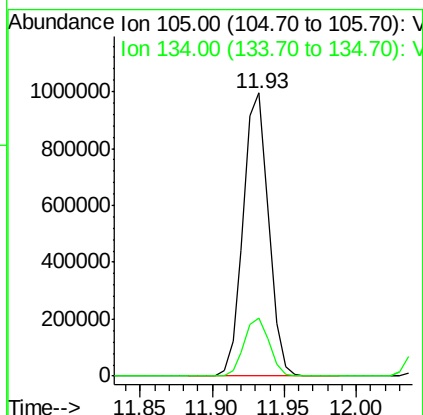
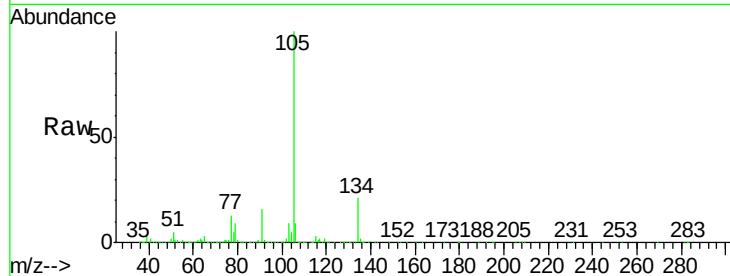
#85
 sec-Butylbenzene
 Concen: 44.869 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 1210796
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2

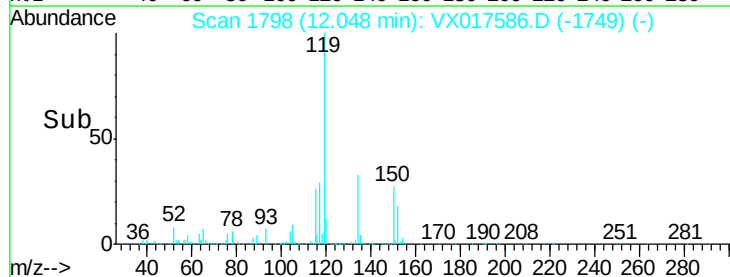
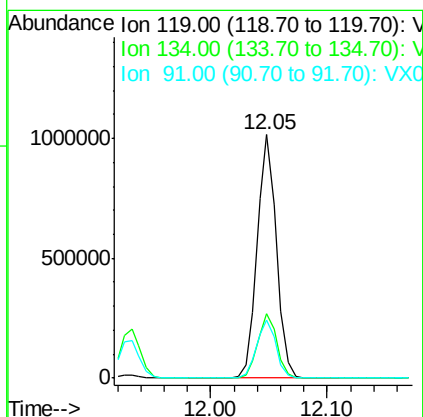
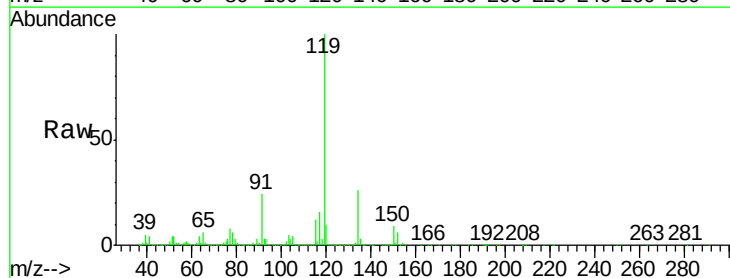
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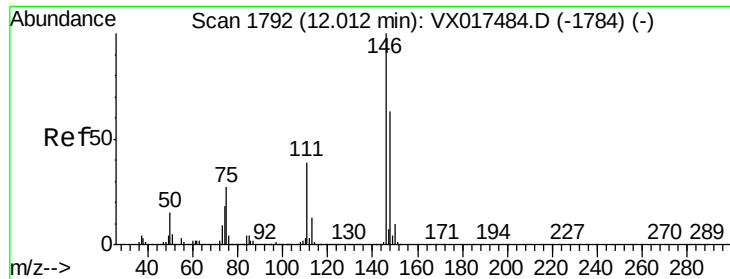
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#86
 p-Isopropyltoluene
 Concen: 45.352 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion:119 Resp: 1165458
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.1 12.1 36.3





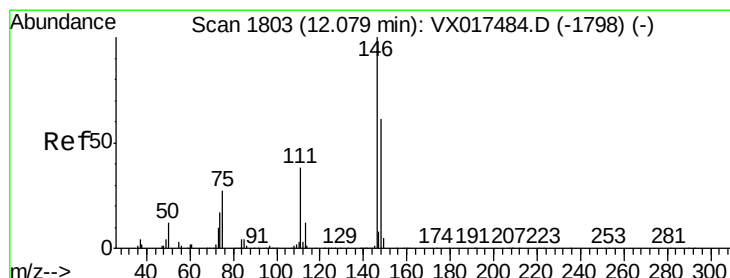
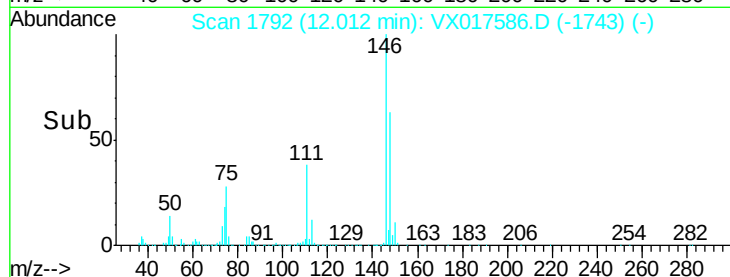
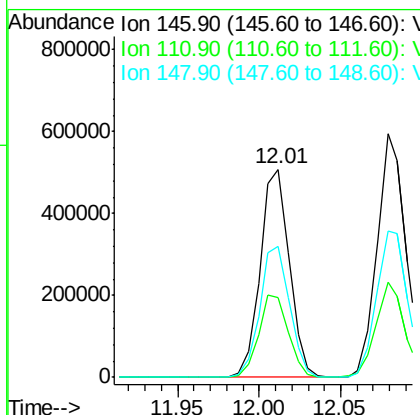
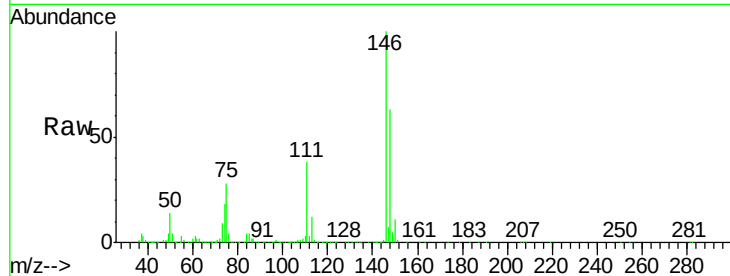
#87
 1,3-Dichlorobenzene
 Concen: 46.084 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	64.6	31.6	95.0

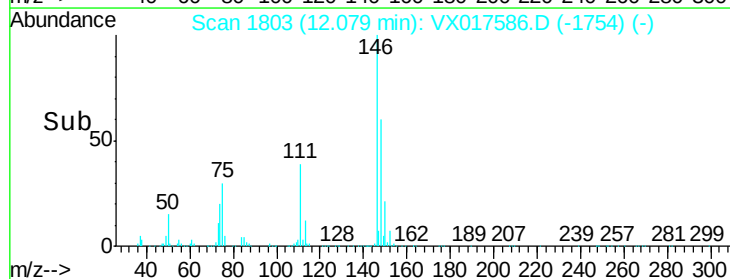
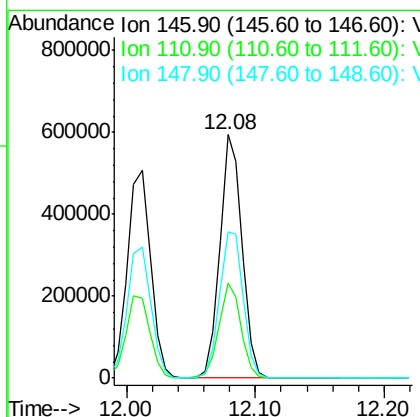
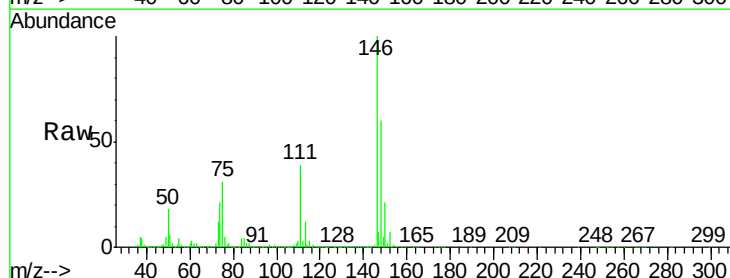
Manual Integrations
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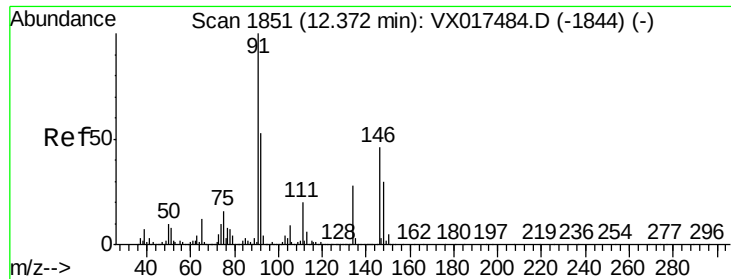
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#88
 1,4-Dichlorobenzene
 Concen: 51.211 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.3	32.2	96.6





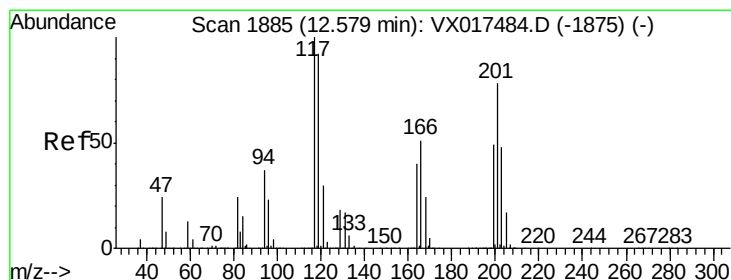
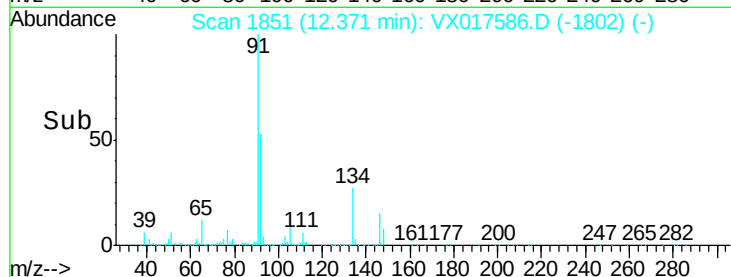
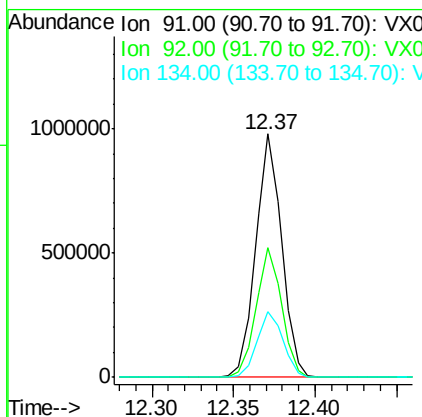
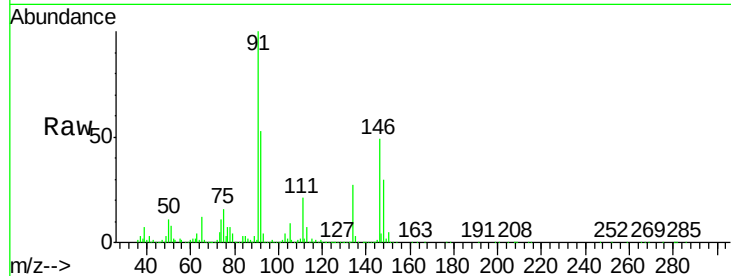
#89
n-Butylbenzene
Concen: 47.342 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1084064
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 27.2 13.6 40.7

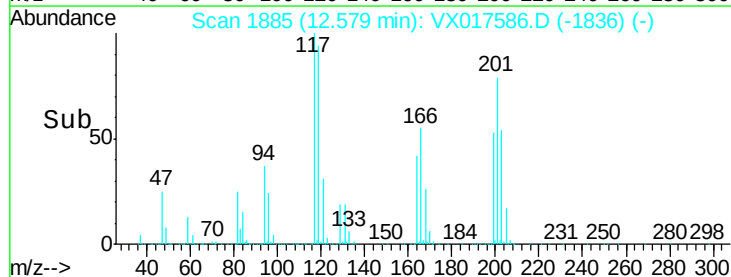
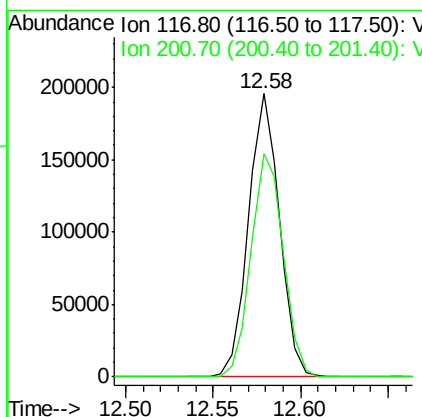
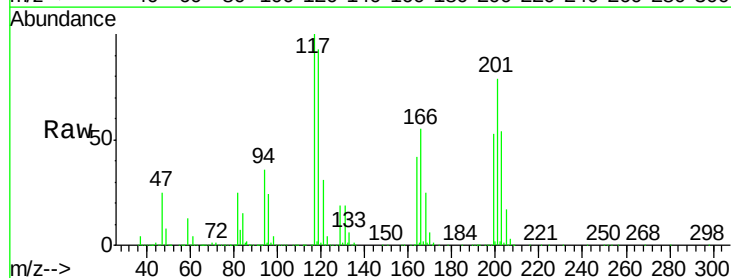
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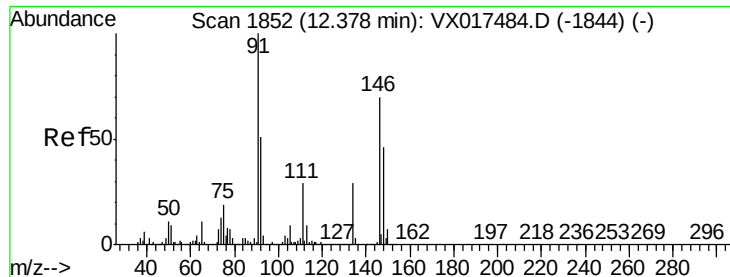
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#90
Hexachloroethane
Concen: 47.832 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion: 117 Resp: 242339
Ion Ratio Lower Upper
117 100
201 82.1 42.2 126.6





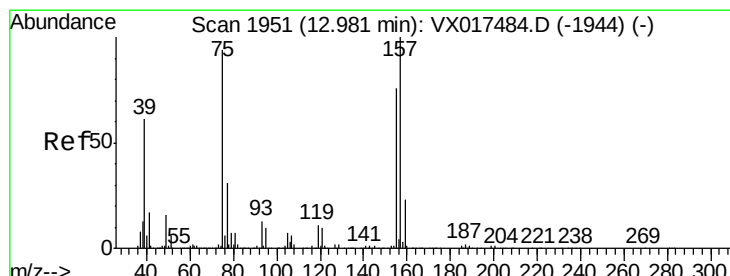
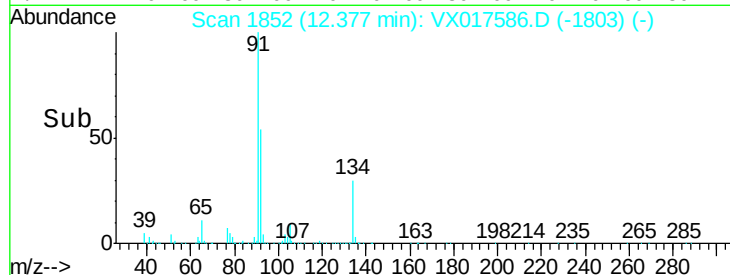
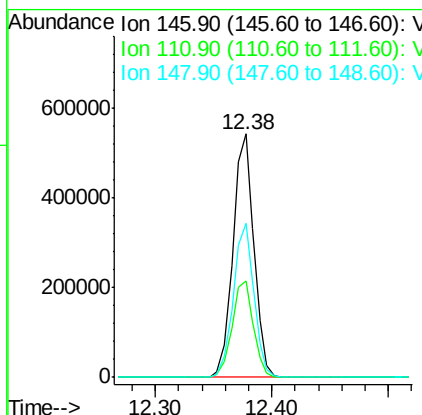
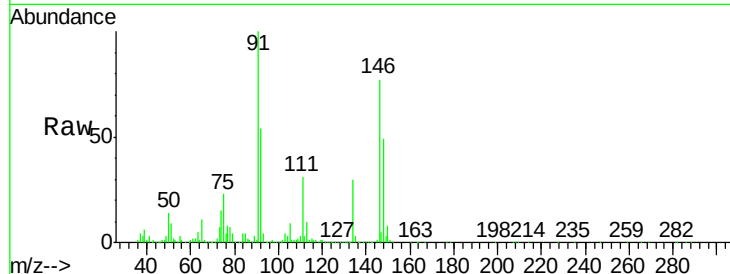
#91
 1,2-Dichlorobenzene
 Concen: 50.650 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	678578		
111	40.3	20.9	62.8	
148	62.5	32.8	98.4	

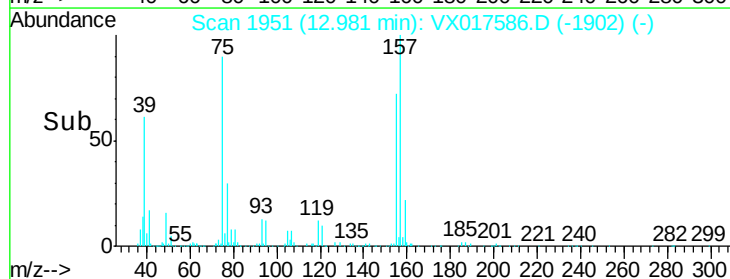
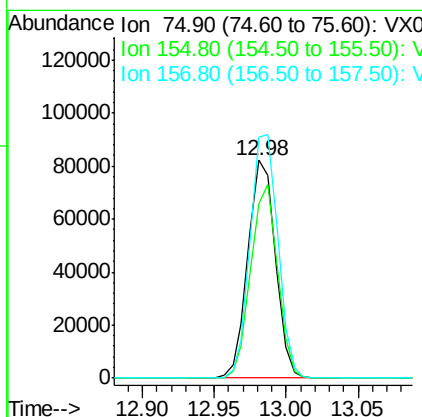
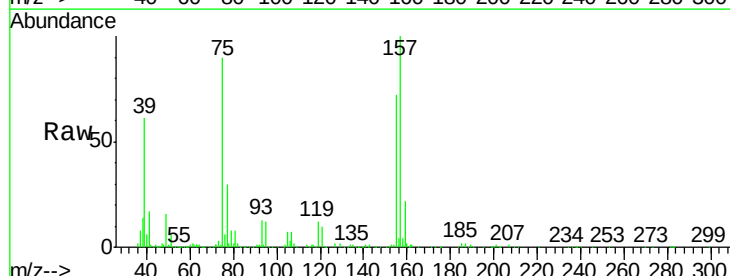
Manual Integrations
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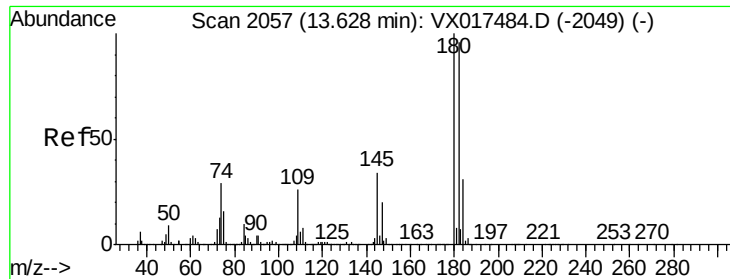
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.594 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	108240		
155	86.1	42.3	126.8	
157	113.1	54.3	162.9	





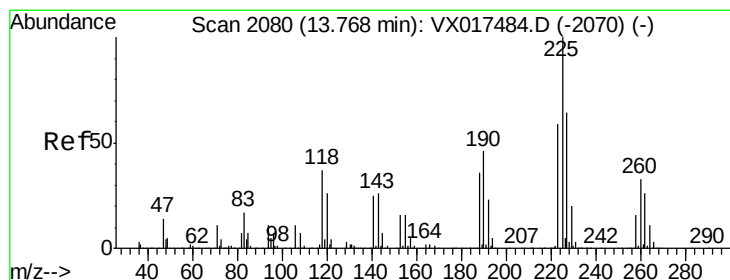
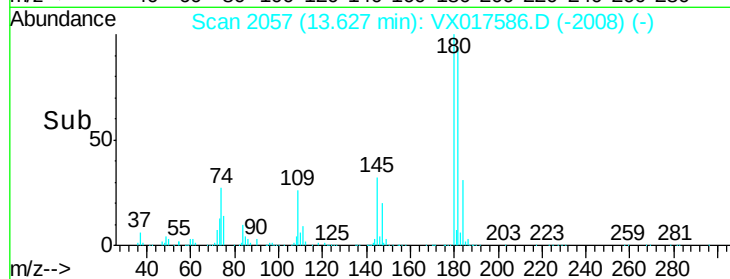
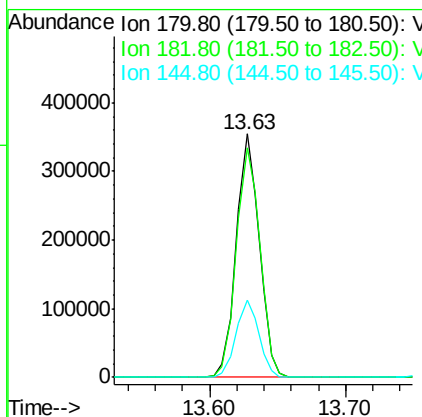
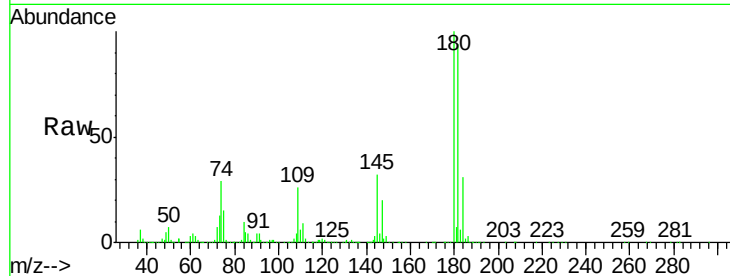
#93
 1,2,4-Trichlorobenzene
 Concen: 45.744 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	31.8	15.4	46.4

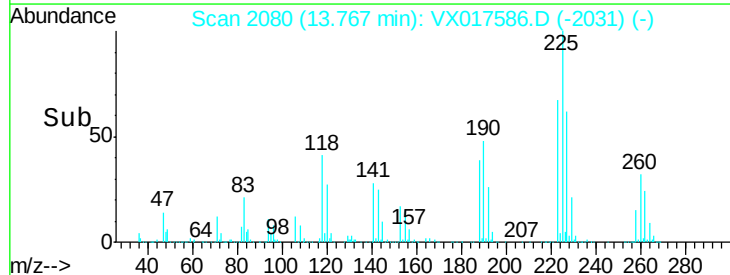
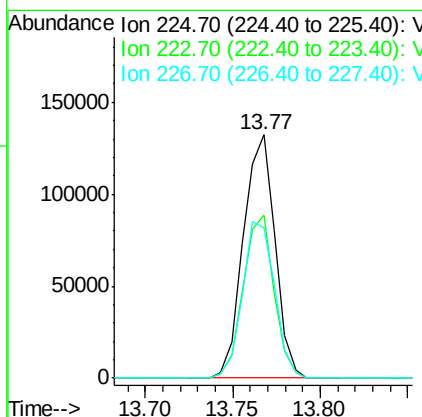
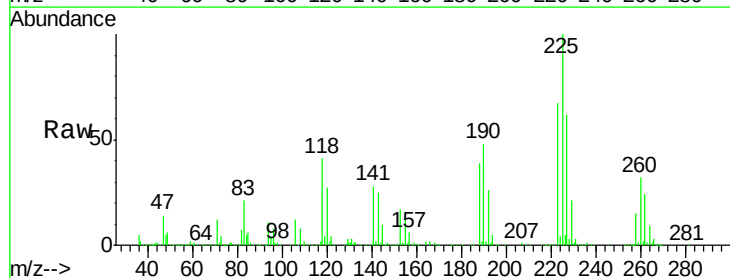
Manual Integrations
 APPROVED

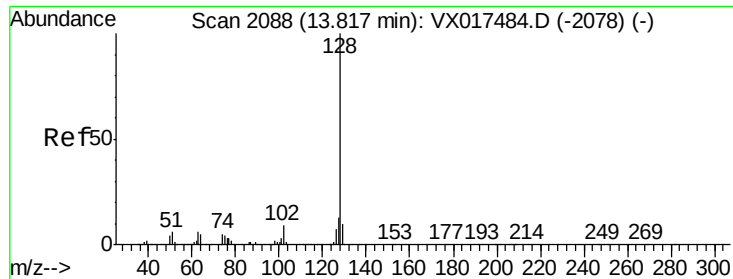
MMDadoda
 7/27/2020 11:02:27 AM



#94
 Hexachlorobutadiene
 Concen: 39.509 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017586.D
 Acq: 25 Jul 2020 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.3	90.9
227	65.2	31.1	93.2





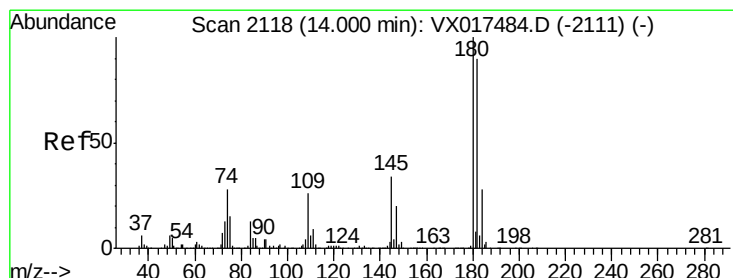
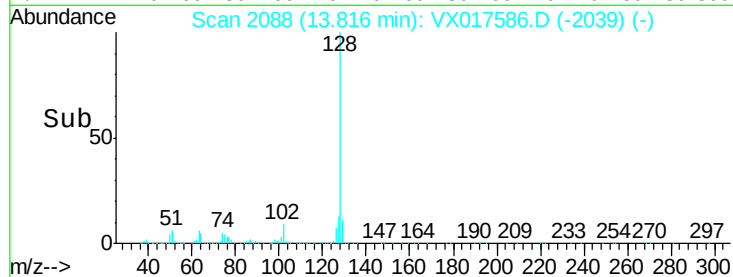
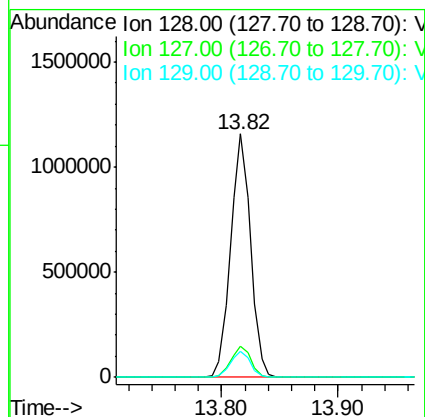
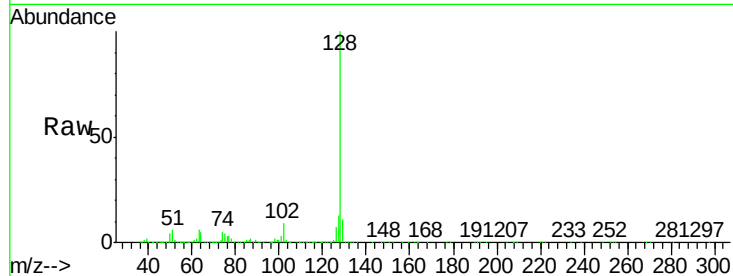
#95
Naphthalene
Concen: 50.393 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1375480
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.387 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017586.D
Acq: 25 Jul 2020 11:04

Tgt Ion:180 Resp: 427820
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 33.1 16.3 48.9

