

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017801.D
 Acq On : 06 Aug 2020 12:14
 Operator : JC/SP
 Sample : VX0806WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:32:35 PM

Quant Time: Aug 06 15:37:35 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	410440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	622859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	542498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	284865	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
35) Dibromofluoromethane	5.47	113	223351	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	8.70	98	736665	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	313216	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	60485	15.175	ug/l	99
3) Chloromethane	1.32	50	80402	16.098	ug/l	100
4) Vinyl Chloride	1.39	62	82563	15.985	ug/l	97
5) Bromomethane	1.63	94	61392	20.306	ug/l	100
6) Chloroethane	1.71	64	51118	17.451	ug/l	100
7) Trichlorofluoromethane	1.92	101	142331	17.520	ug/l	100
8) Diethyl Ether	2.17	74	52811	19.213	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	77287	17.336	ug/l	98
10) Methyl Iodide	2.49	142	94625	16.591	ug/l	97
11) Tert butyl alcohol	3.03	59	123532	111.172	ug/l	100
12) 1,1-Dichloroethene	2.36	96	72328	17.061	ug/l	98
13) Acrolein	2.28	56	67530	82.427	ug/l	100
14) Allyl chloride	2.71	41	142965	18.468	ug/l	98
15) Acrylonitrile	3.12	53	266685	111.118	ug/l	98
16) Acetone	2.42	43	247183	106.521	ug/l	94
17) Carbon Disulfide	2.54	76	196598	15.257	ug/l #	95
18) Methyl Acetate	2.75	43	127346	23.301	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	293050	19.971	ug/l	97
20) Methylene Chloride	2.83	84	95062	21.007	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	84538	18.614	ug/l	99
22) Diisopropyl ether	3.83	45	293917	20.765	ug/l	99
23) Vinyl Acetate	3.79	43	1315077	104.204	ug/l	100
24) 1,1-Dichloroethane	3.67	63	161984	19.867	ug/l	99
25) 2-Butanone	4.64	43	387835	117.649	ug/l	99
26) 2,2-Dichloropropane	4.55	77	142125	19.473	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	97438	19.753	ug/l	98
28) Bromochloromethane	4.98	49	67066	18.151	ug/l	99
29) Tetrahydrofuran	5.10	42	236747	115.941	ug/l	99
30) Chloroform	5.18	83	170645	20.483	ug/l	95
31) Cyclohexane	5.54	56	120612	18.550	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	157947	20.105	ug/l	99
36) 1,1-Dichloropropene	5.77	75	114931	19.239	ug/l	98
37) Ethyl Acetate	4.80	43	143588	21.968	ug/l	98
38) Carbon Tetrachloride	5.75	117	141576	19.516	ug/l	92

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Manual Integrations
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 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)
39) Methylcyclohexane	7.44	83	127132	18.230	ug/l	97
40) Benzene	6.11	78	344326	20.105	ug/l	94
41) Methacrylonitrile	5.01	41	80359	21.449	ug/l	98
42) 1,2-Dichloroethane	6.16	62	142360	20.318	ug/l	96
43) Isopropyl Acetate	6.42	43	231202	21.439	ug/l	98
44) Trichloroethene	7.19	130	100769	20.133	ug/l	95
45) 1,2-Dichloropropane	7.49	63	91187	19.206	ug/l	98
46) Dibromomethane	7.63	93	66773	19.901	ug/l	97
47) Bromodichloromethane	7.88	83	139671	20.688	ug/l	98
48) Methyl methacrylate	7.74	41	112873	21.115	ug/l	100
49) 1,4-Dioxane	7.72	88	46767	456.306	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	711398	110.558	ug/l	100
52) Toluene	8.76	92	209418	19.066	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	144185	19.078	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	154108	19.992	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	90334	19.743	ug/l	98
56) Ethyl methacrylate	9.16	69	130005	18.859	ug/l	98
57) 1,3-Dichloropropane	9.35	76	139631	18.533	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	340548	93.770	ug/l	100
59) 2-Hexanone	9.48	43	540920	111.655	ug/l	99
60) Dibromochloromethane	9.57	129	108250	18.614	ug/l	97
61) 1,2-Dibromoethane	9.65	107	96062	19.720	ug/l	100
64) Tetrachloroethene	9.32	164	97404	20.005	ug/l	96
65) Chlorobenzene	10.12	112	254681	21.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	100185	21.140	ug/l	98
67) Ethyl Benzene	10.24	91	385809	19.683	ug/l	98
68) m/p-Xylenes	10.34	106	295125	38.865	ug/l	96
69) o-Xylene	10.68	106	137483	18.825	ug/l	95
70) Styrene	10.70	104	241623	19.445	ug/l	99
71) Bromoform	10.84	173	88439	21.540	ug/l #	99
73) Isopropylbenzene	11.00	105	384047	16.473	ug/l	100
74) N-amyl acetate	10.88	43	173428	16.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	130965	17.997	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	126094m	18.037	ug/l	
77) Bromobenzene	11.24	156	109481	16.774	ug/l	98
78) n-propylbenzene	11.34	91	442315	16.821	ug/l	99
79) 2-Chlorotoluene	11.40	91	273416	16.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	334072	16.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	48255	17.393	ug/l	97
82) 4-Chlorotoluene	11.49	91	324009	16.863	ug/l	99
83) tert-Butylbenzene	11.76	119	322129	16.912	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	337344	17.039	ug/l	99
85) sec-Butylbenzene	11.93	105	427195	19.253	ug/l	99
86) p-Isopropyltoluene	12.05	119	402151	19.032	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	219041	19.543	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	214407	18.468	ug/l	96
89) n-Butylbenzene	12.37	91	344759	18.311	ug/l	98
90) Hexachloroethane	12.58	117	76156	18.281	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	209922	19.056	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37664	19.935	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

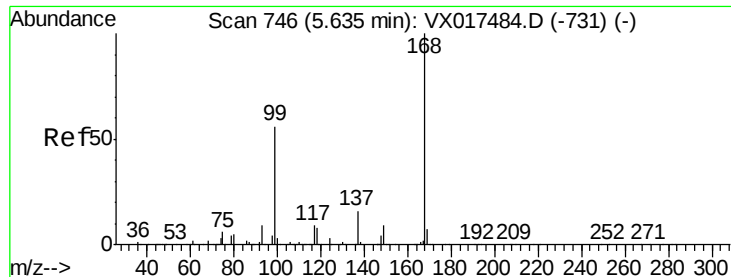
Manual Integrations
APPROVED

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8/7/2020 4:32:35 PM

Quant Time: Aug 06 15:37:35 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)
93) 1,2,4-Trichlorobenzene	13.63	180	127209	16.920	ug/l	99
94) Hexachlorobutadiene	13.77	225	56464	16.316	ug/l	98
95) Naphthalene	13.82	128	395678	17.630	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126489	17.039	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion:168 Resp: 410440

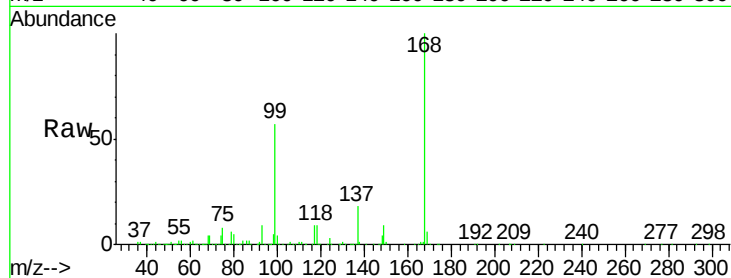
Ion Ratio Lower Upper

168 100

99 57.0 43.4 65.2

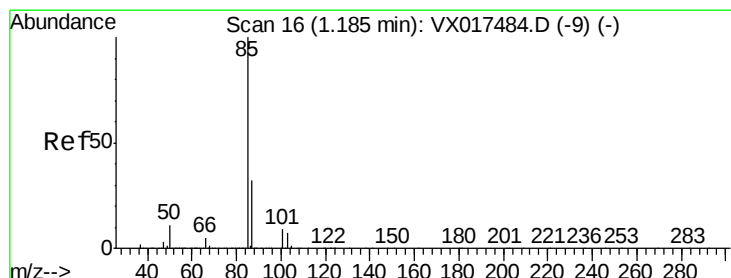
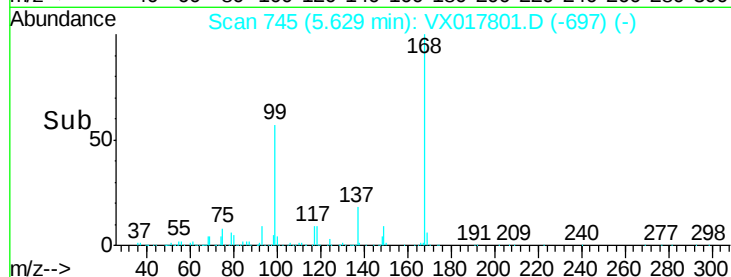
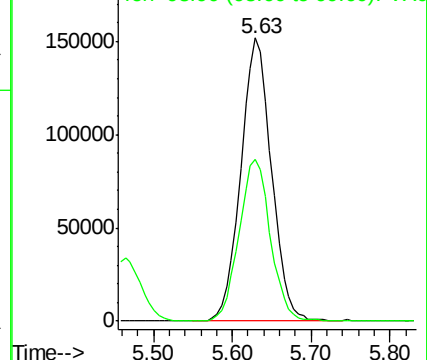
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.175 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017801.D

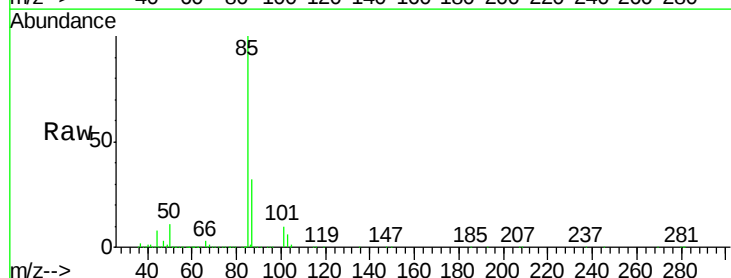
Acq: 06 Aug 2020 12:14

Tgt Ion: 85 Resp: 60485

Ion Ratio Lower Upper

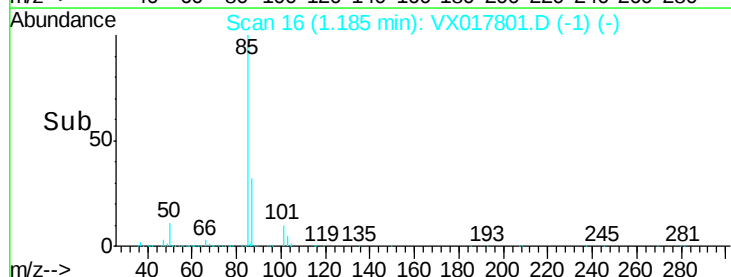
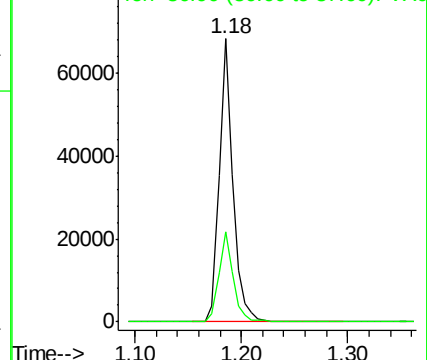
85 100

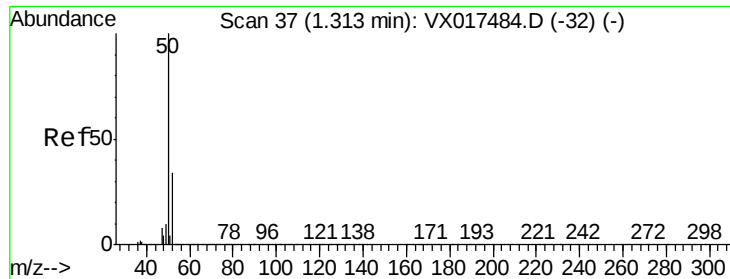
87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





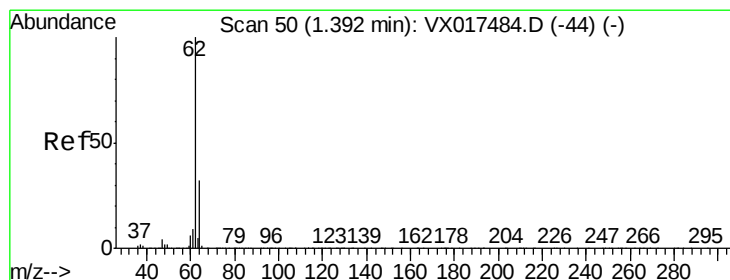
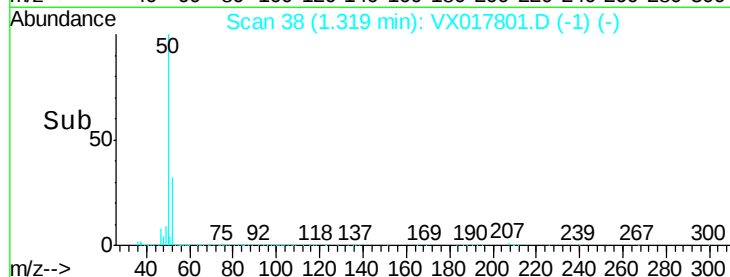
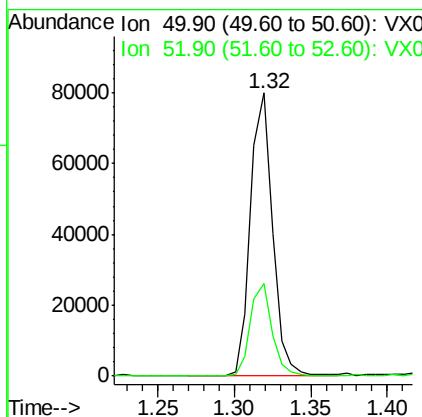
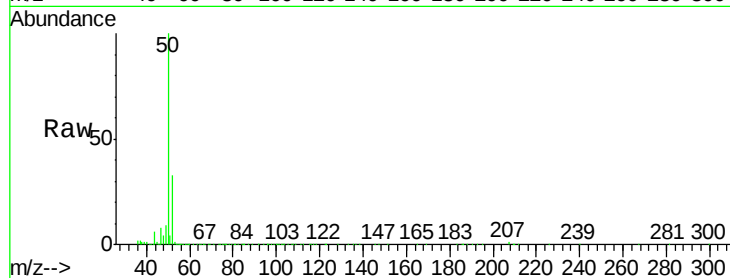
#3
Chloromethane
Concen: 16.098 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.9	38.9

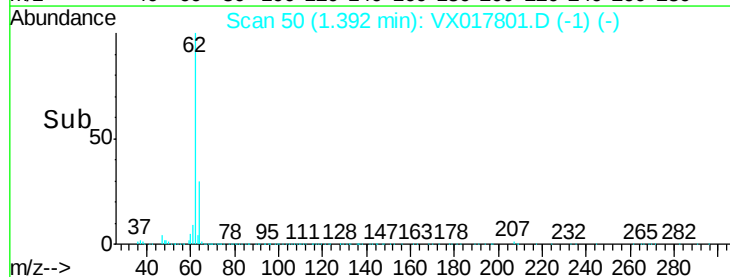
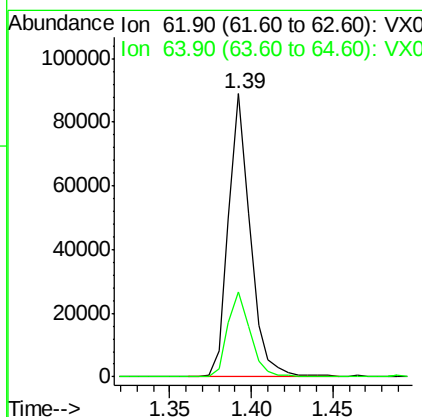
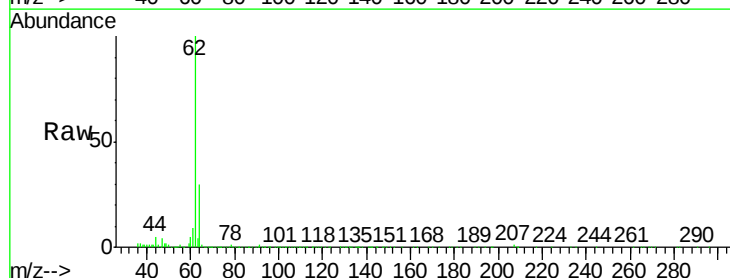
Manual Integrations
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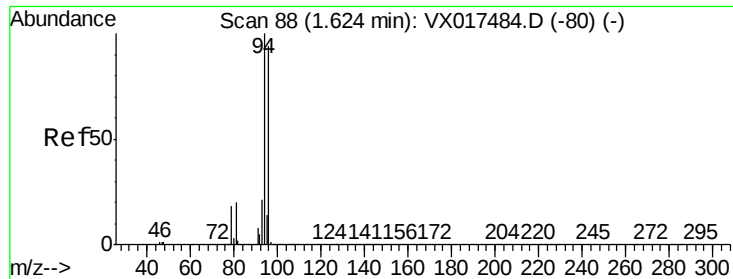
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#4
Vinyl Chloride
Concen: 15.985 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
62	100		
64	29.9	25.2	37.8





#5

Bromomethane

Concen: 20.306 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 94 Resp: 61392

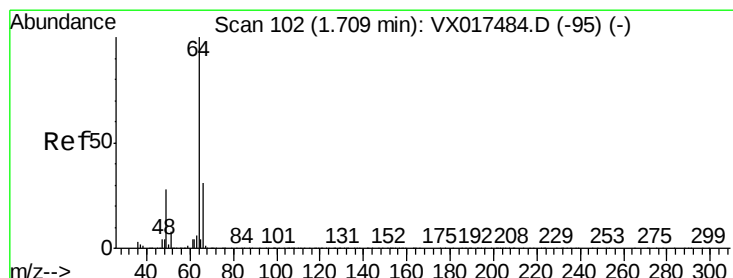
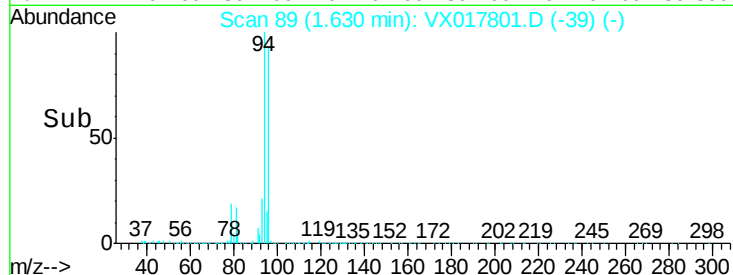
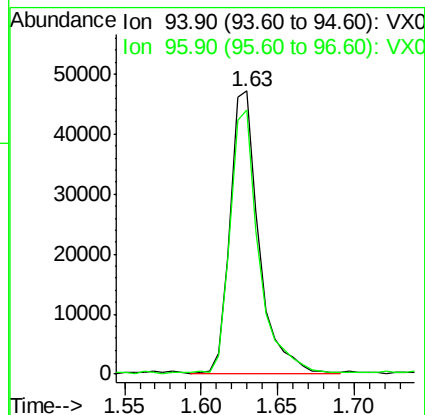
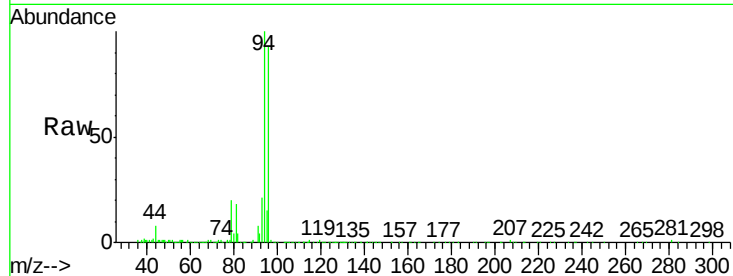
Ion Ratio Lower Upper

94 100

96 93.0 74.1 111.1

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 17.451 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017801.D

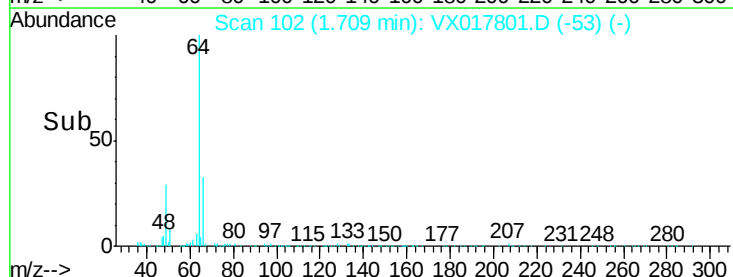
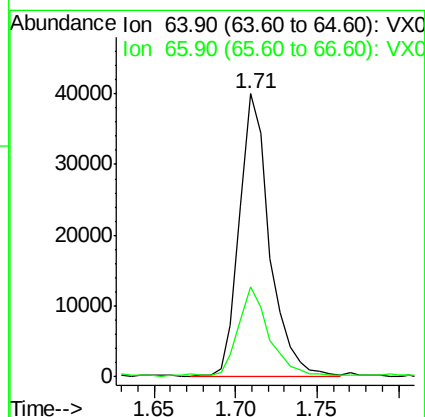
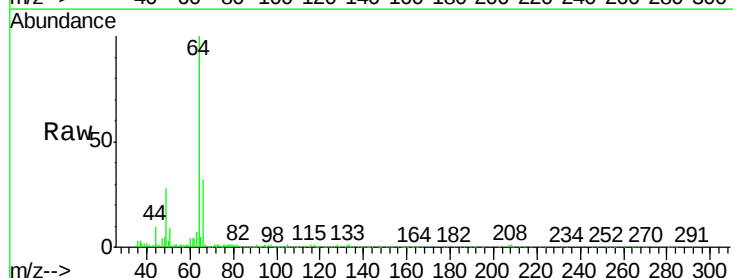
Acq: 06 Aug 2020 12:14

Tgt Ion: 64 Resp: 51118

Ion Ratio Lower Upper

64 100

66 31.2 24.9 37.3





#7

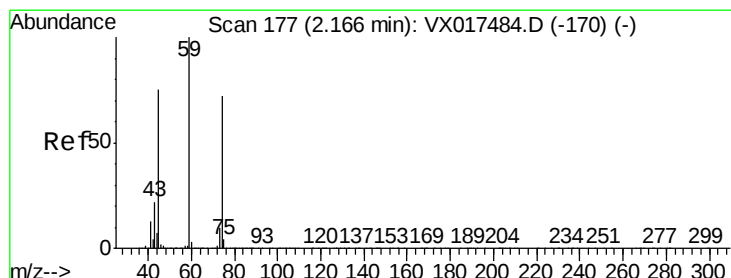
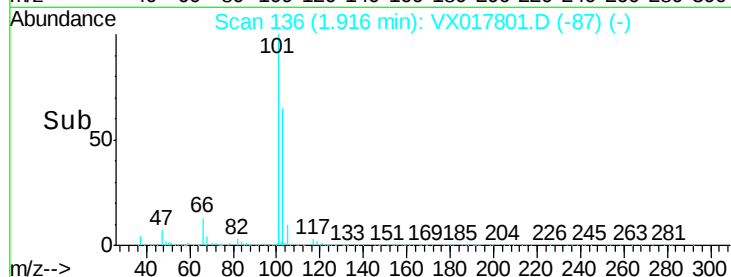
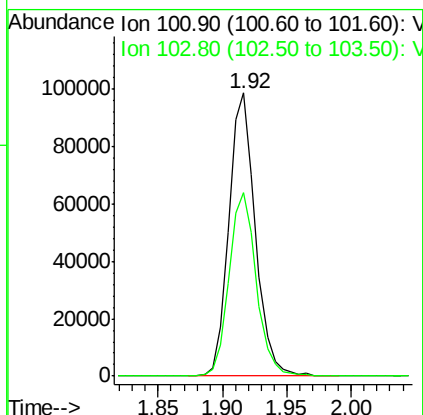
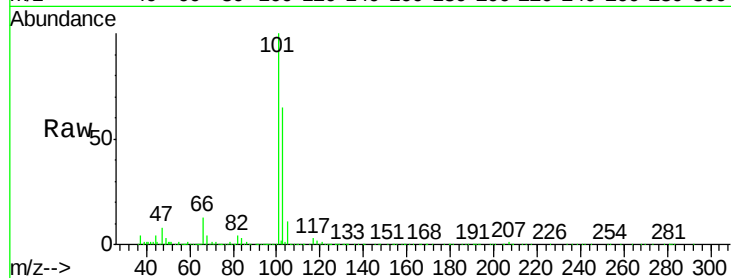
Trichlorofluoromethane
Concen: 17.520 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.8

Manual Integrations
APPROVED

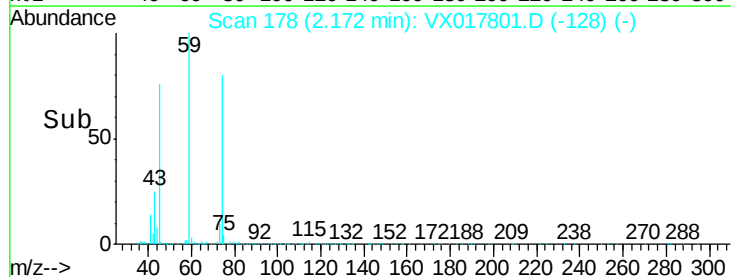
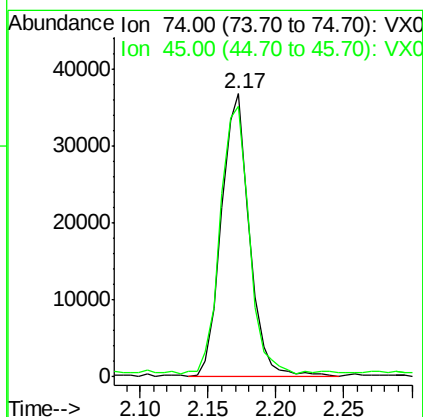
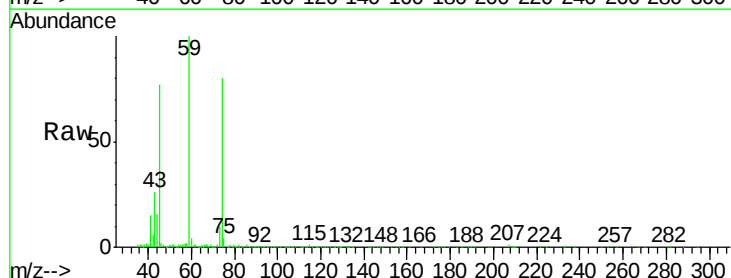
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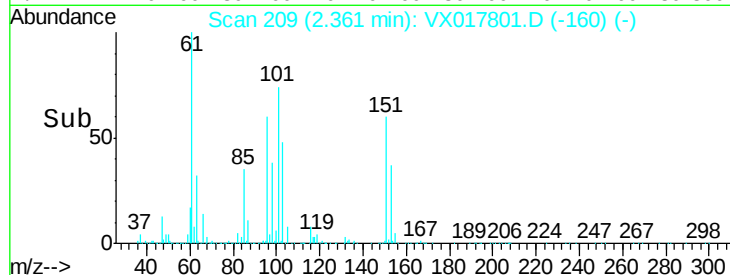
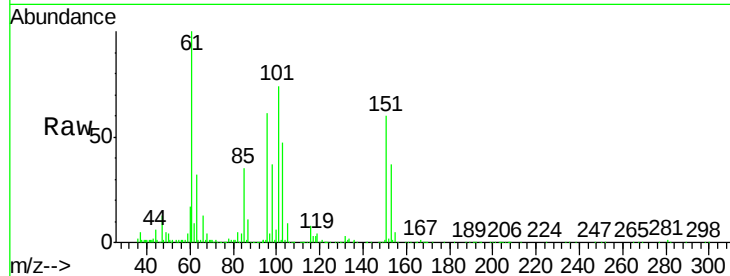
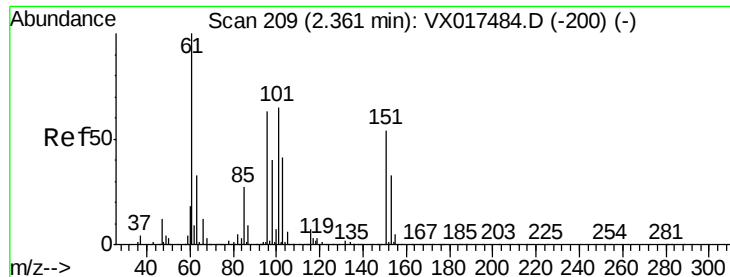


#8

Diethyl Ether
Concen: 19.213 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.336 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017801.D

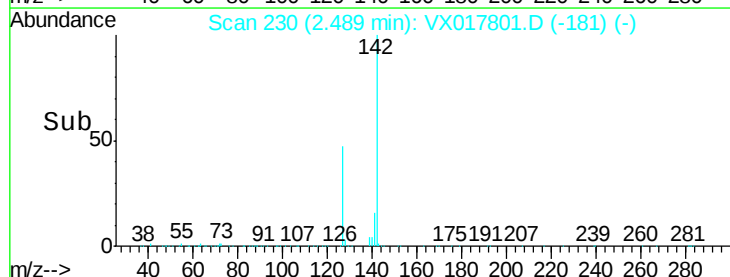
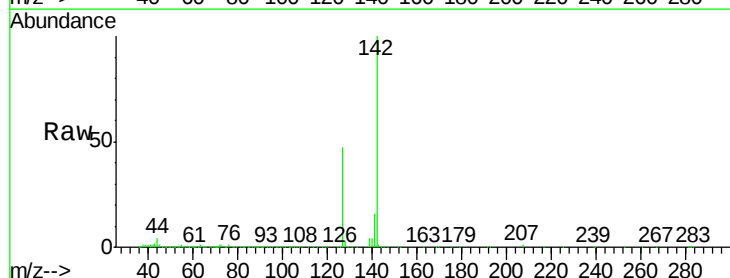
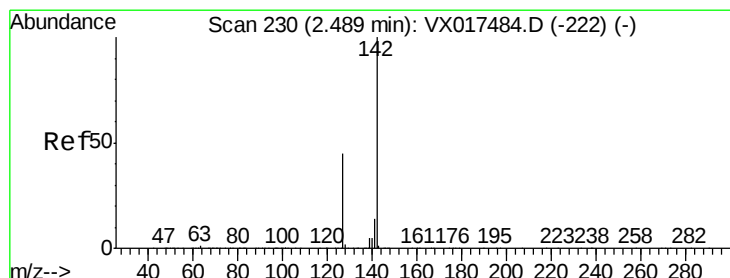
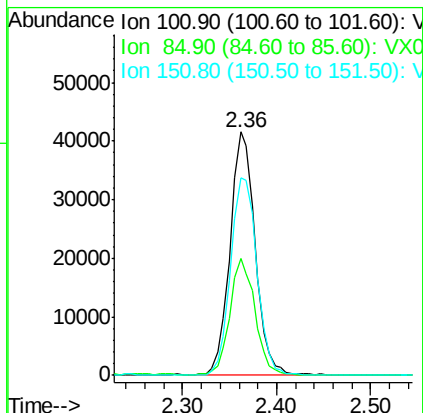
Acq: 06 Aug 2020 12:14

Tot Ion:	101	Resp:	77287
Ion Ratio	Lower	Upper	
101	100		
85	48.0	34.8	52.2
151	84.9	68.0	102.0

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Manual Integrations
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#10

Methyl Iodide

Concen: 16.591 ug/l

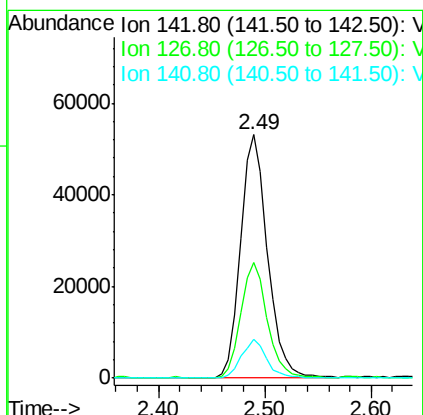
RT: 2.49 min Scan# 230

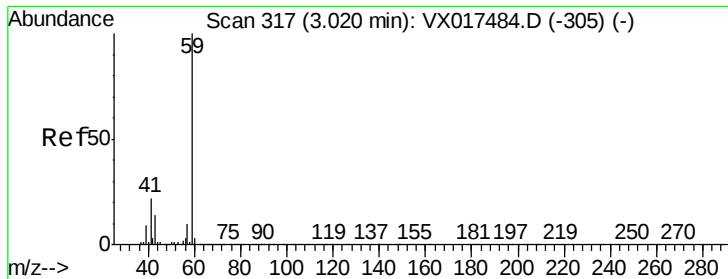
Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion:	142	Resp:	94625
Ion Ratio	Lower	Upper	
142	100		
127	47.0	35.9	53.9
141	15.0	11.4	17.0





#11

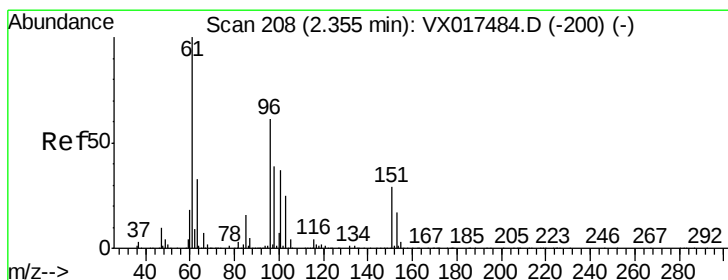
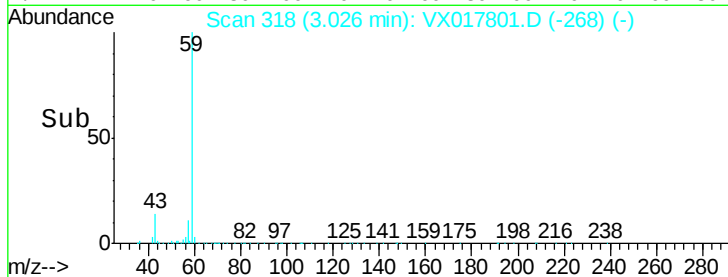
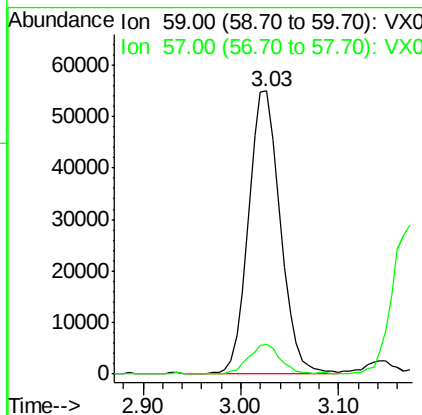
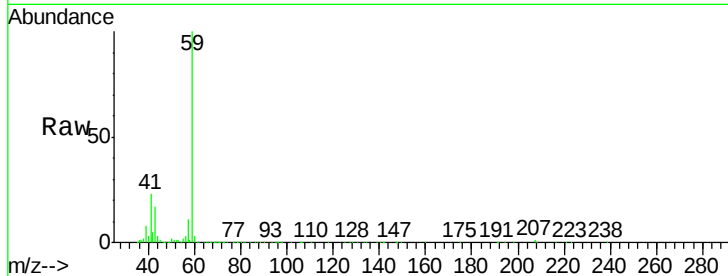
Tert butyl alcohol
Concen: 111.172 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

Manual Integrations
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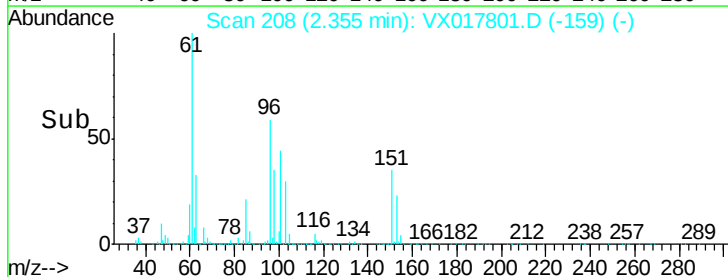
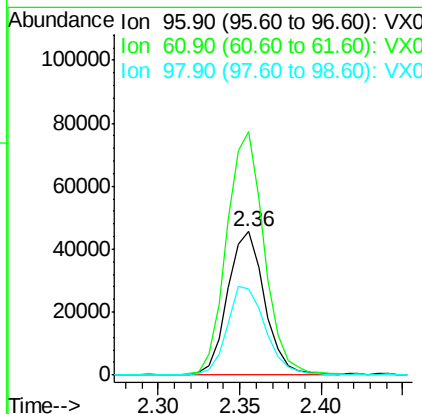
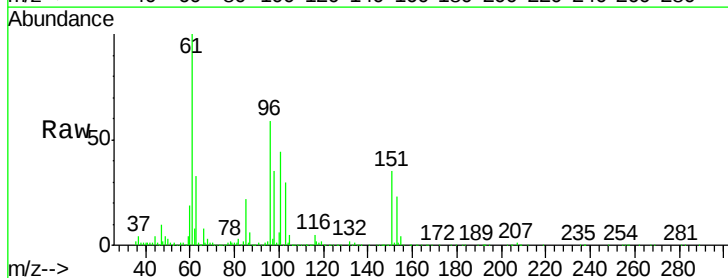
MMDadoda
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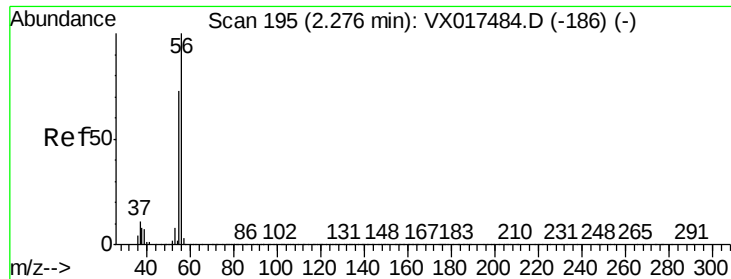


#12

1,1-Dichloroethene
Concen: 17.061 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	134.0	201.0
98	59.7	51.0	76.4





#13

Acrolein

Concen: 82.427 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 56 Resp: 67530

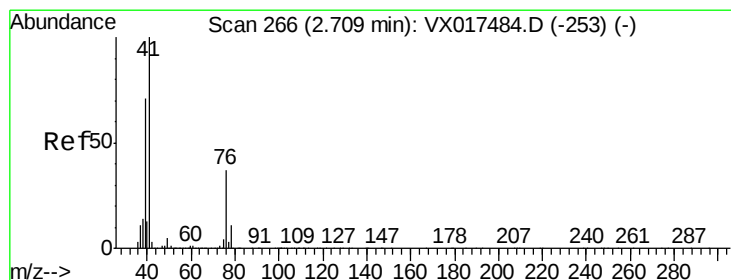
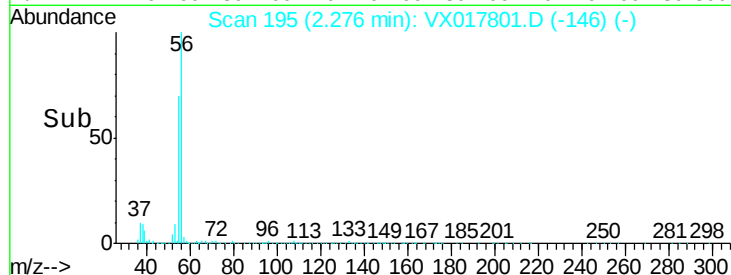
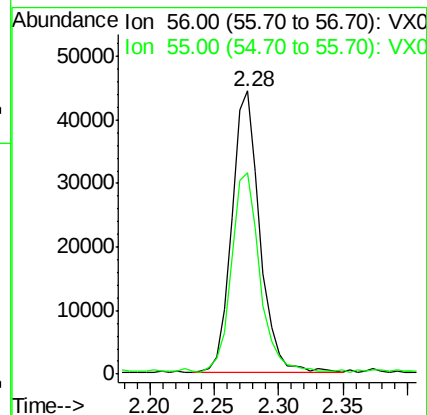
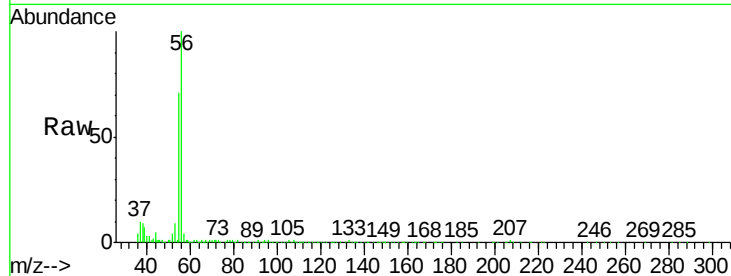
Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.2

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#14

Allyl chloride

Concen: 18.468 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

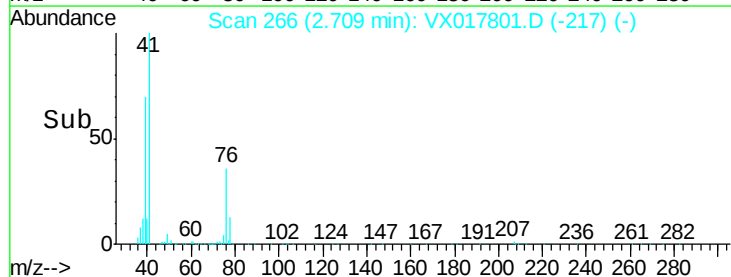
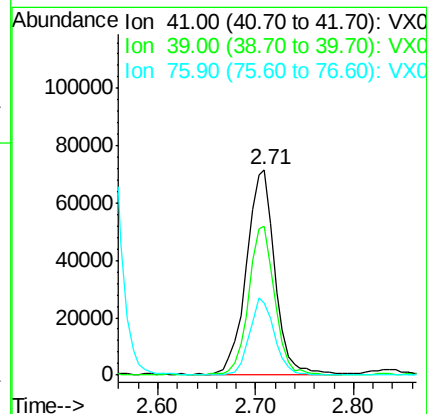
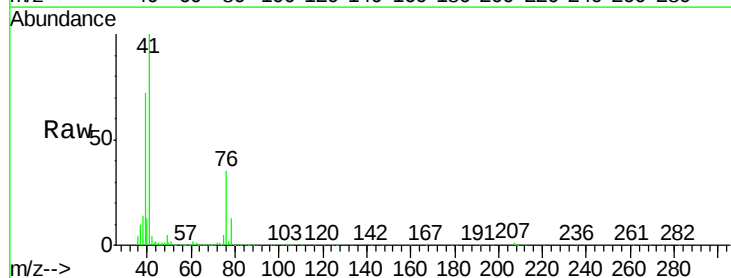
Tgt Ion: 41 Resp: 142965

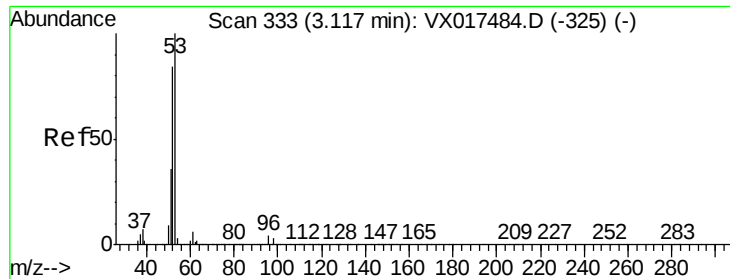
Ion Ratio Lower Upper

41 100

39 66.4 51.9 77.9

76 33.2 25.5 38.3





#15

Acrylonitrile

Concen: 111.118 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

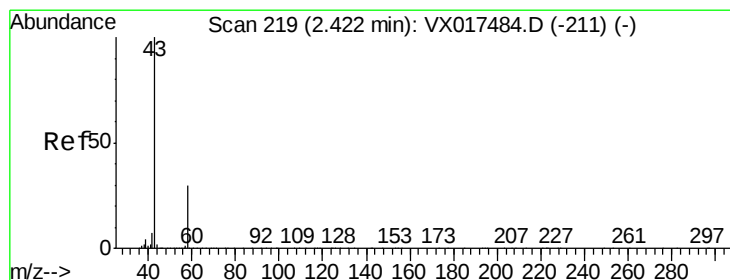
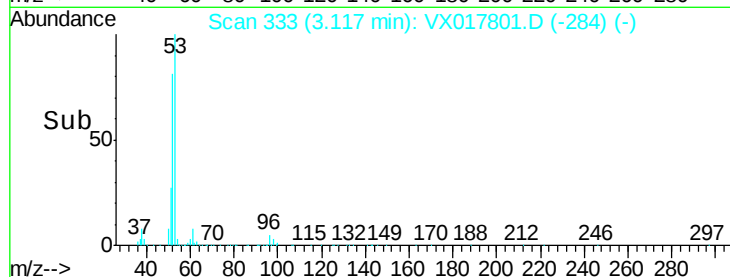
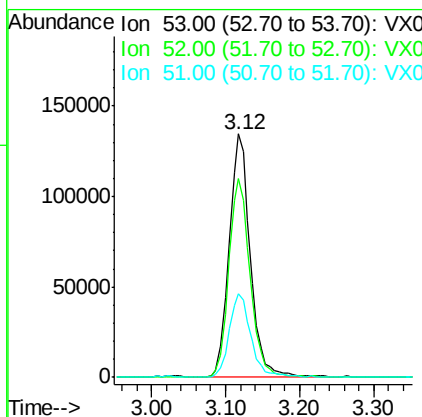
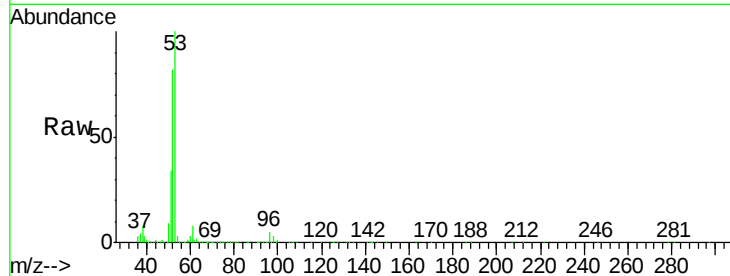
ClientSampleId :

VX0806WBSD01

Tot Ion:	53	Resp:	266685
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.6	99.8
51	35.3	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 106.521 ug/l

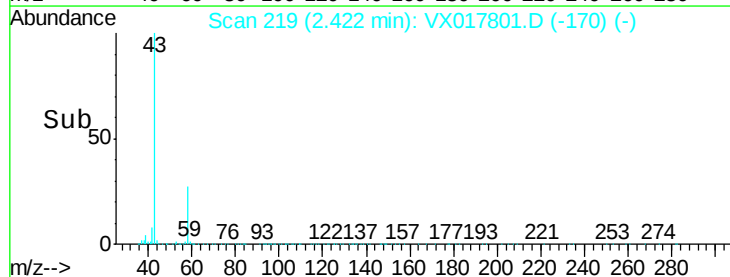
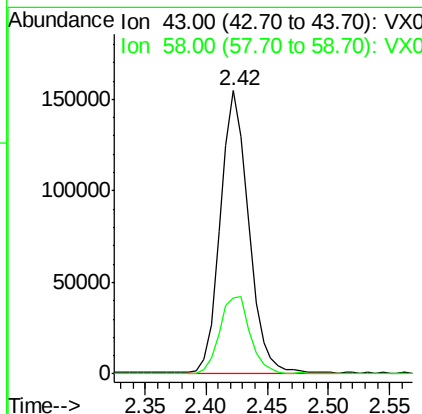
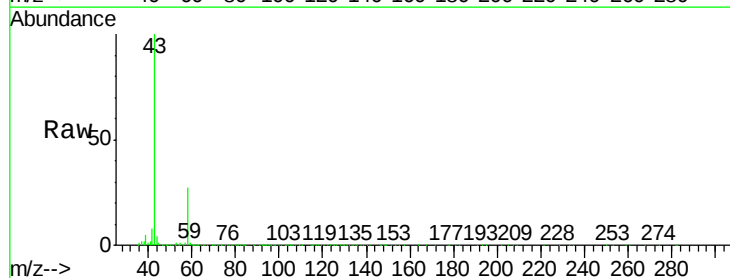
RT: 2.42 min Scan# 219

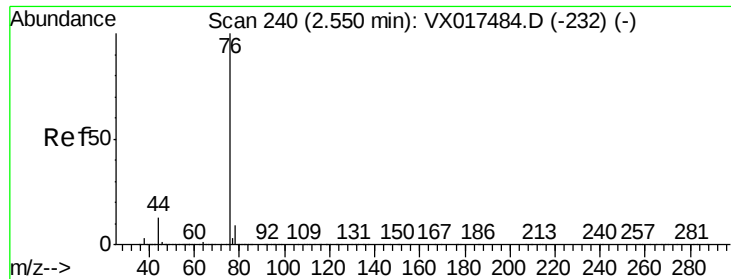
Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion:	43	Resp:	247183
Ion Ratio		Lower	Upper
43	100		
58	27.1	24.2	36.4





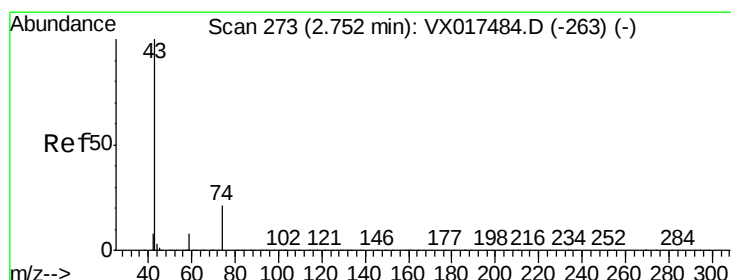
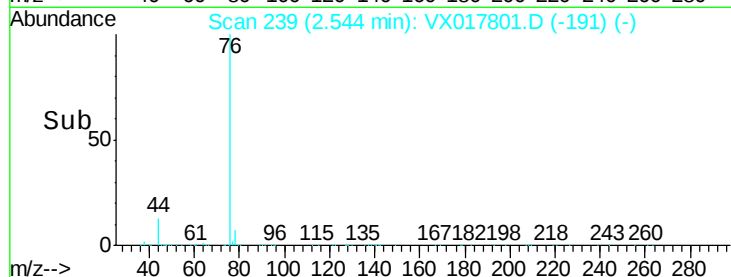
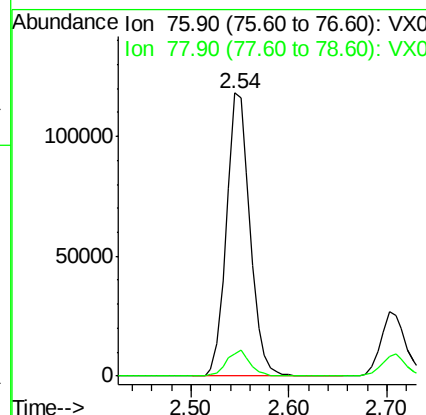
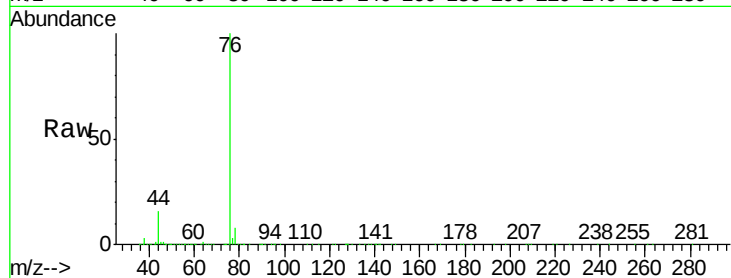
#17
Carbon Disulfide
Concen: 15.257 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.5	11.3#

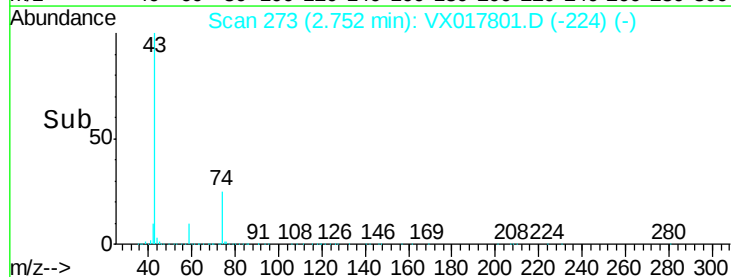
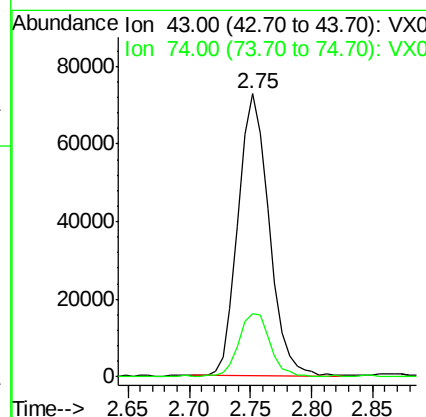
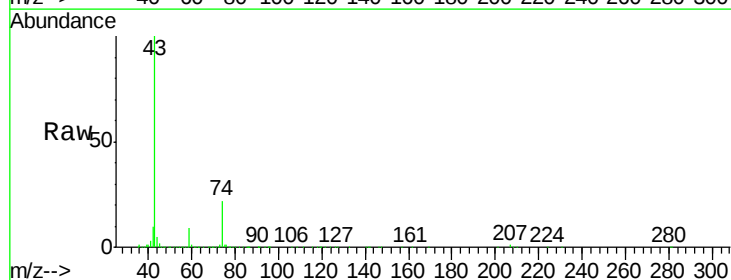
Manual Integrations
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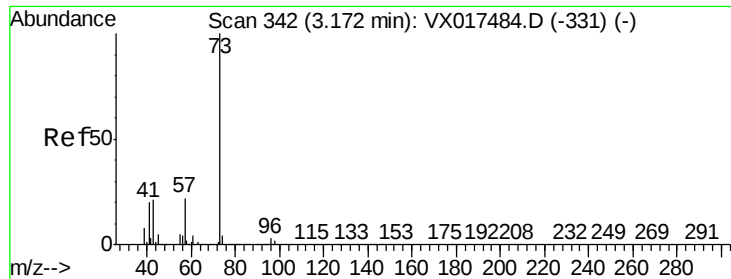
MMDadoda
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#18
Methyl Acetate
Concen: 23.301 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.5	26.3





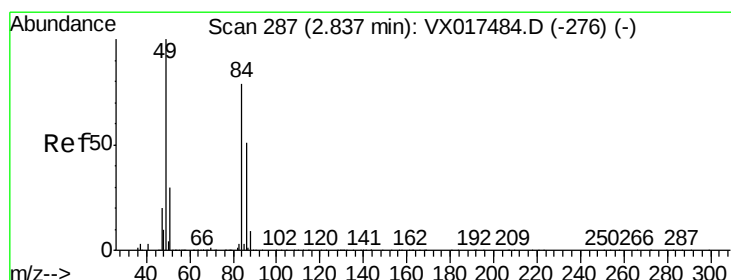
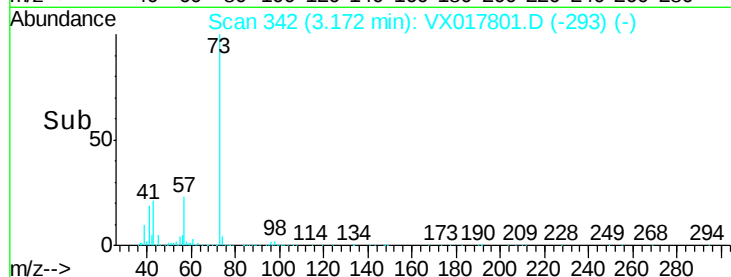
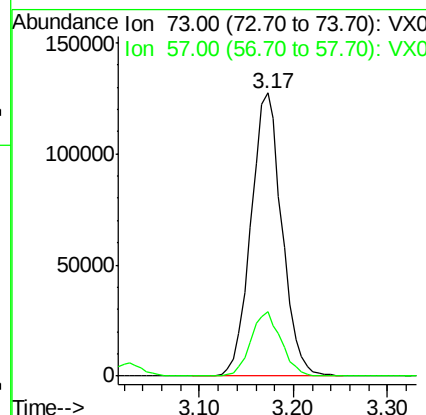
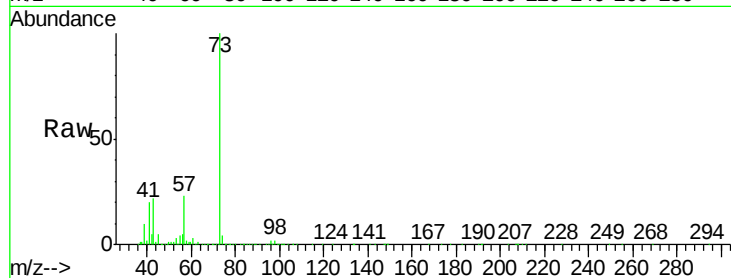
#19
Methyl tert-butyl Ether
Concen: 19.971 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.0	25.4

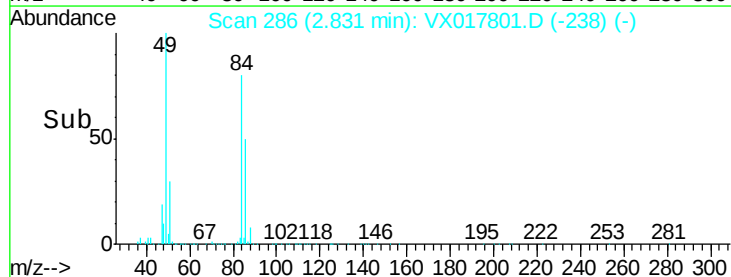
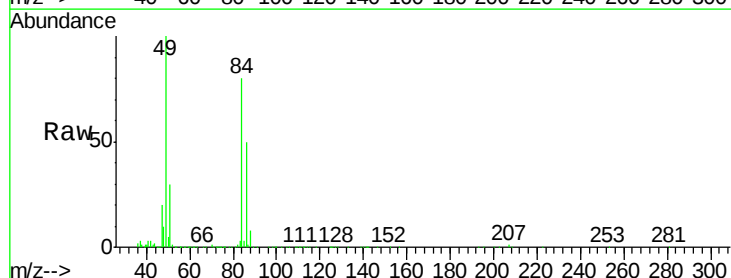
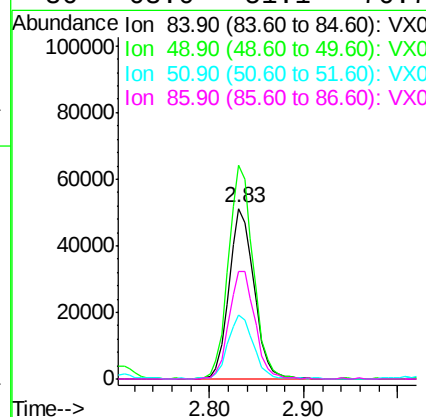
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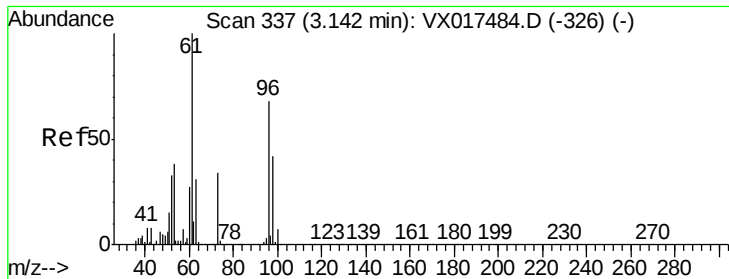
MMDadoda
8/7/2020 4:32:35 PM



#20
Methylene Chloride
Concen: 21.007 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	100.3	150.5
51	37.6	30.5	45.7
86	63.0	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 18.614 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

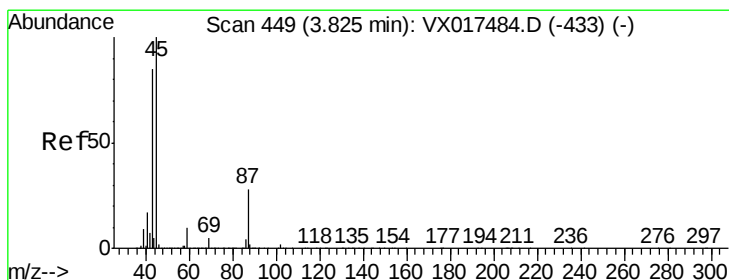
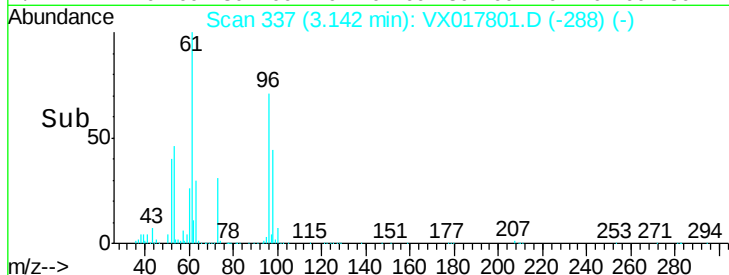
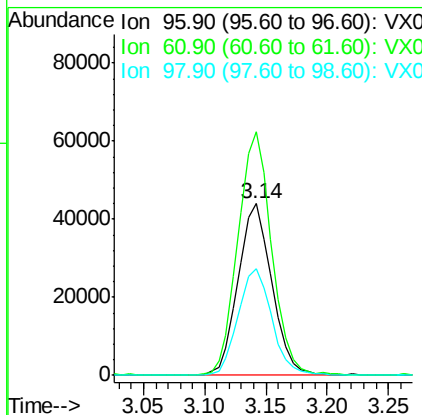
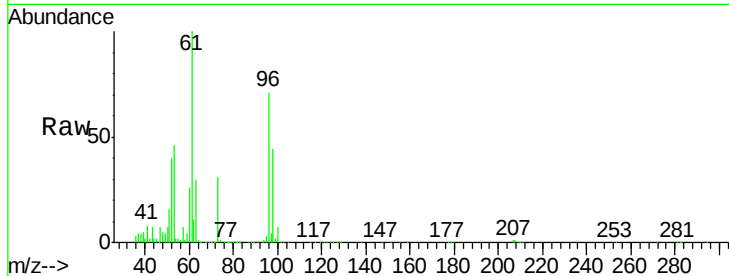
ClientSampleId :

VX0806WBSD01

Tot Ion:	96	Resp:	84538
Ion	Ratio	Lower	Upper
96	100		
61	141.2	113.0	169.4
98	61.7	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.765 ug/l

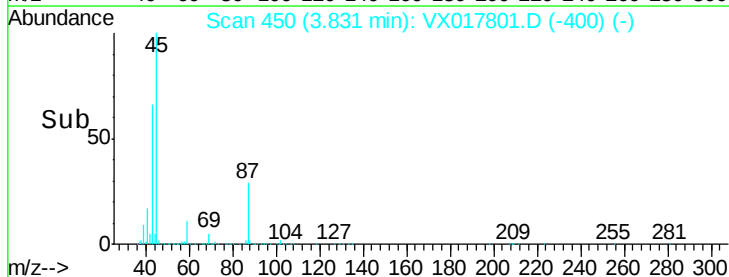
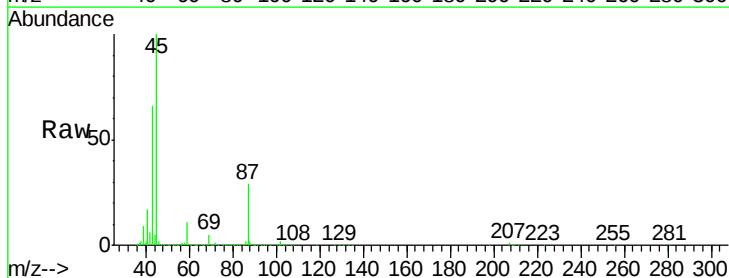
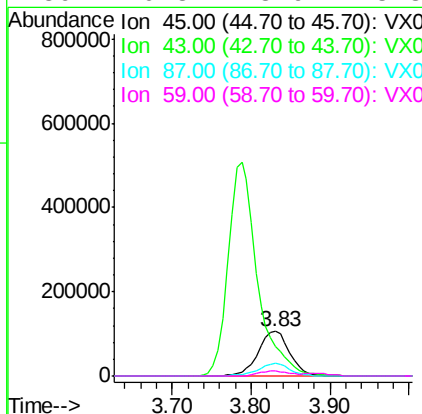
RT: 3.83 min Scan# 450

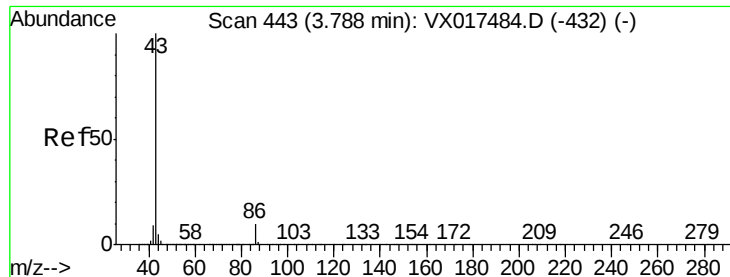
Delta R.T. 0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion:	45	Resp:	293917
Ion	Ratio	Lower	Upper
45	100		
43	66.1	52.0	78.0
87	28.6	22.2	33.4
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 104.204 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 43 Resp: 1315077

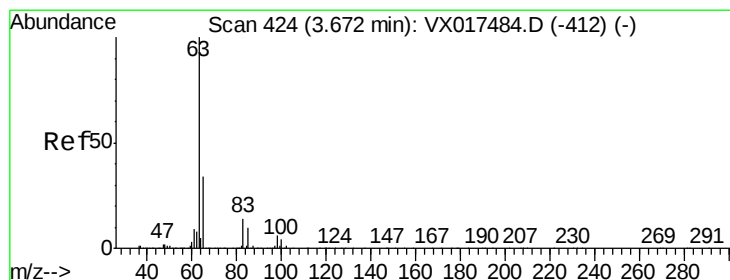
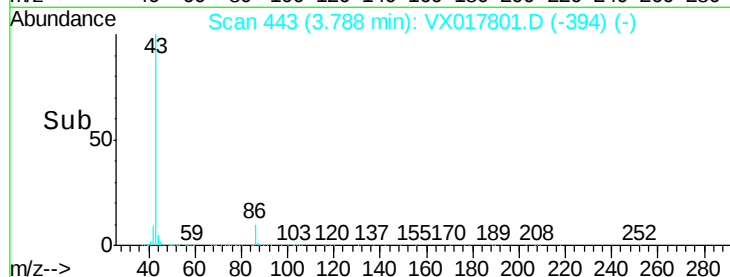
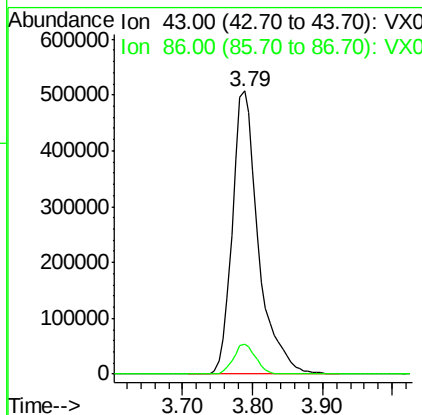
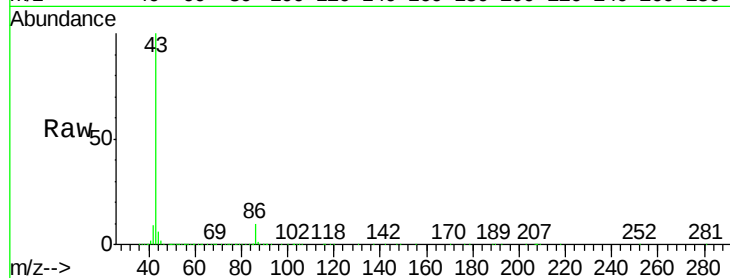
Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.867 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

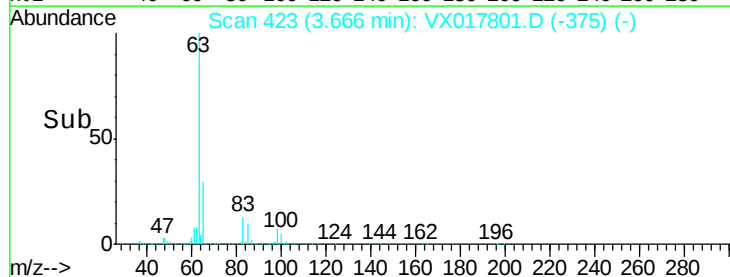
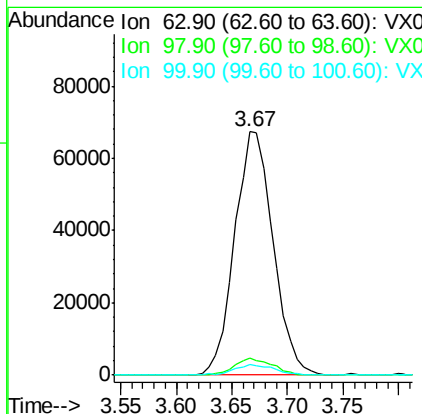
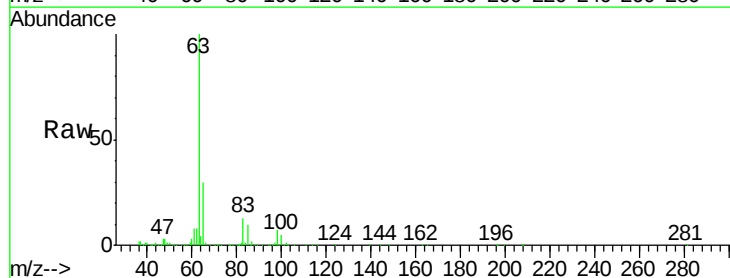
Tgt Ion: 63 Resp: 161984

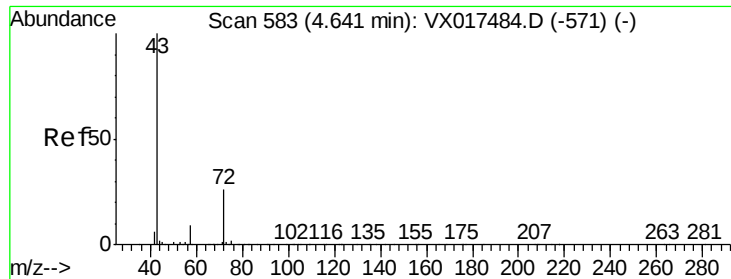
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.5 1.9 5.7





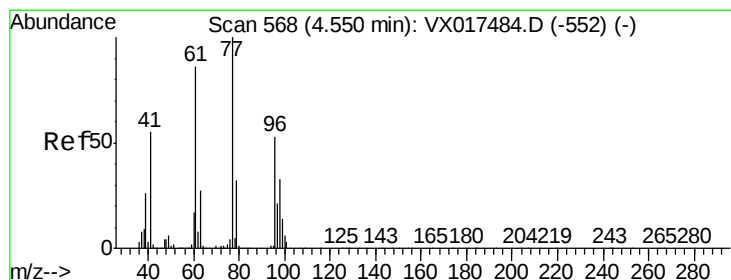
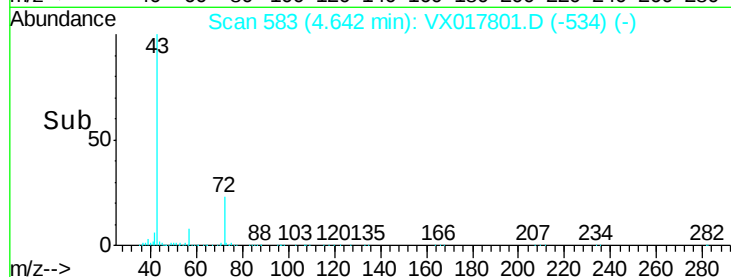
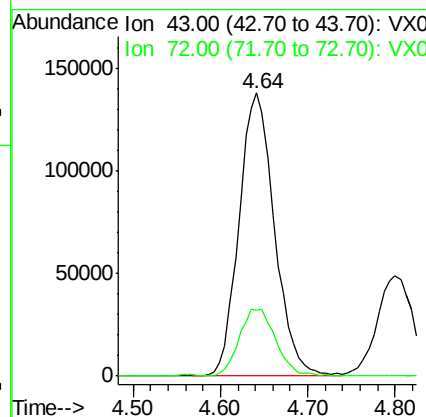
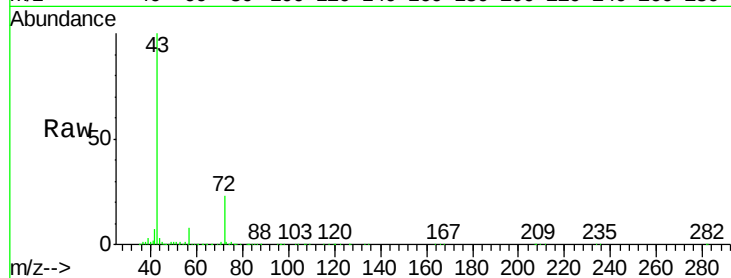
#25
2-Butanone
Concen: 117.649 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
72	72	23.0	19.0	28.4

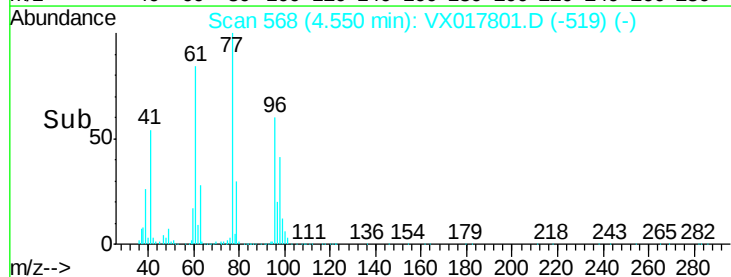
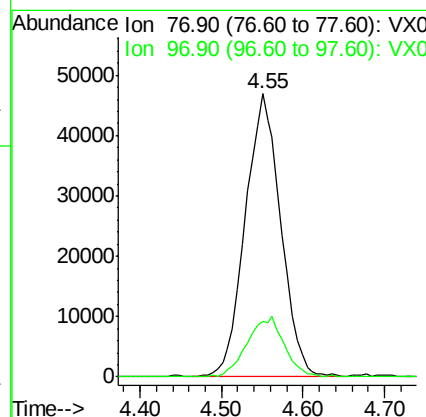
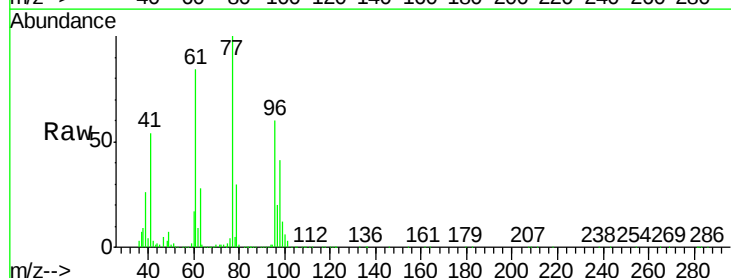
Manual Integrations
APPROVED

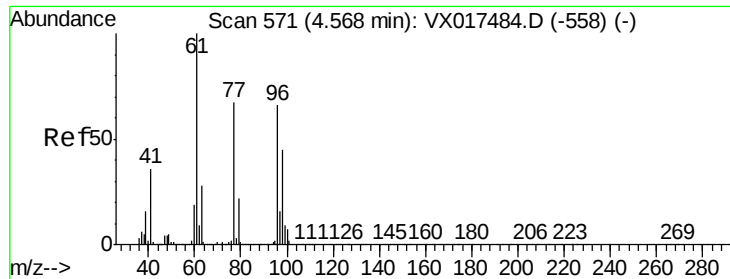
MMDadoda
8/7/2020 4:32:35 PM



#26
2,2-Dichloropropane
Concen: 19.473 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
77	77	100		
97	97	22.3	10.9	32.9





#27

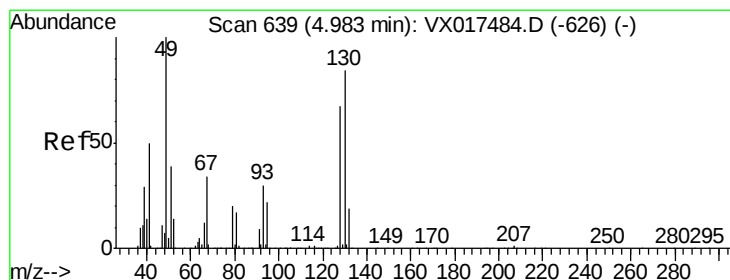
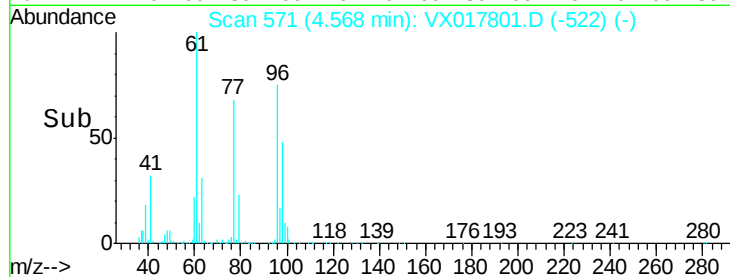
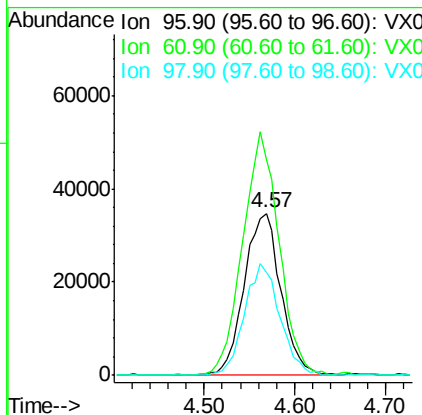
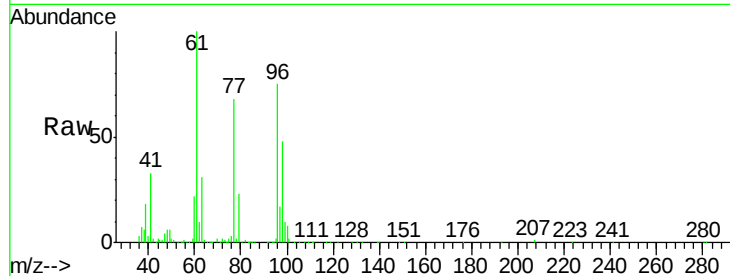
cis-1,2-Dichloroethene
Concen: 19.753 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.7	0.0	301.2	
98	66.8	0.0	130.0	

Manual Integrations
APPROVED

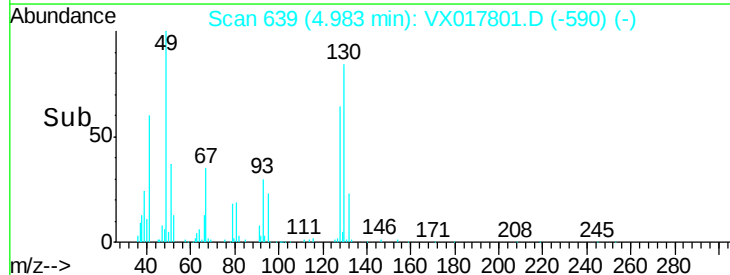
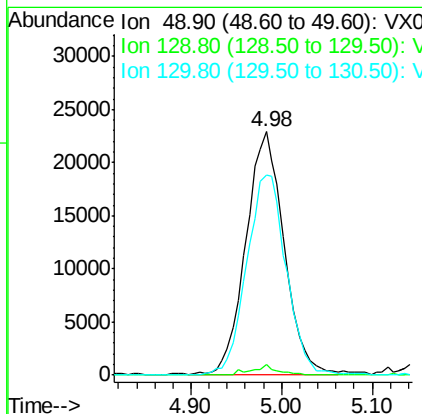
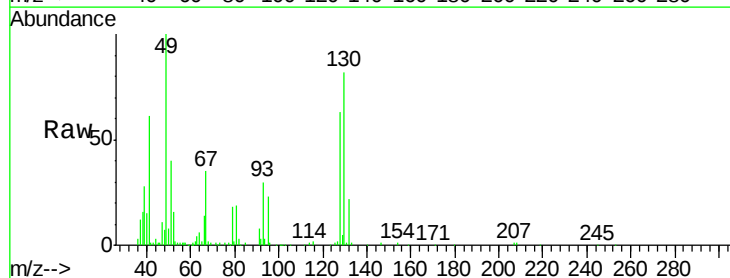
MMDadoda
8/7/2020 4:32:35 PM

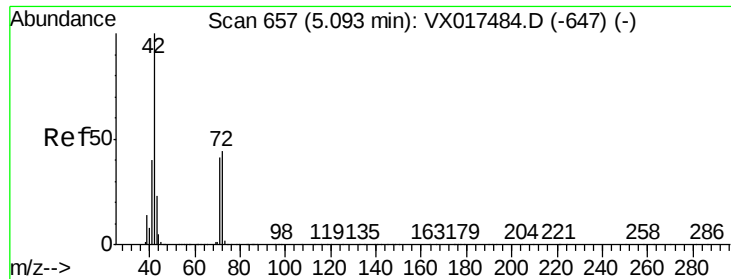


#28

Bromochloromethane
Concen: 18.151 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.8	0.0	4.6	
130	84.5	66.7	100.1	





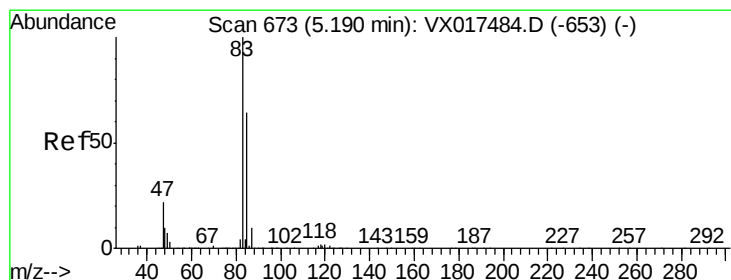
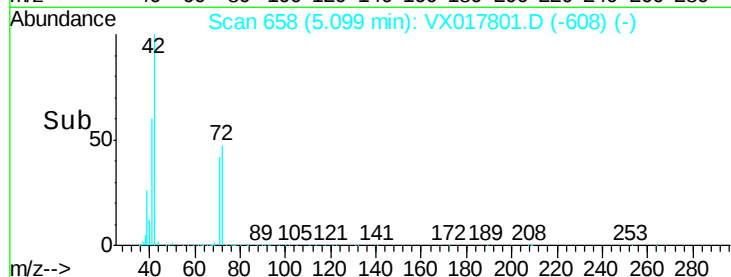
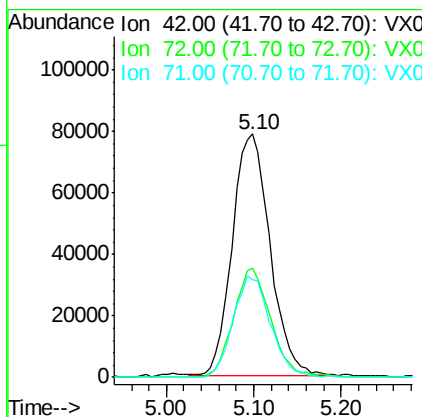
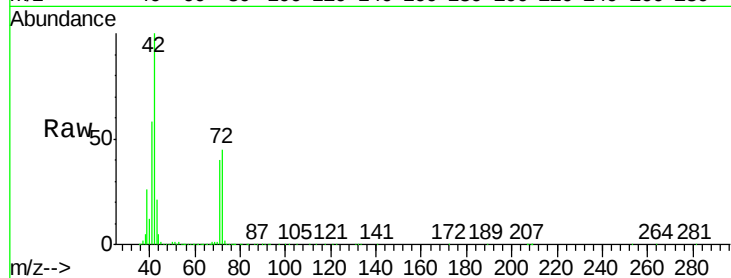
#29
Tetrahydrofuran
Concen: 115.941 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.5	53.3
71	41.4	33.0	49.4

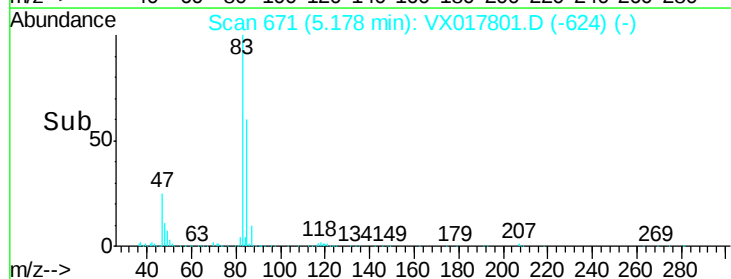
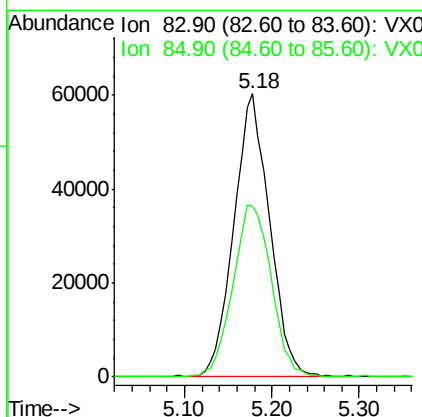
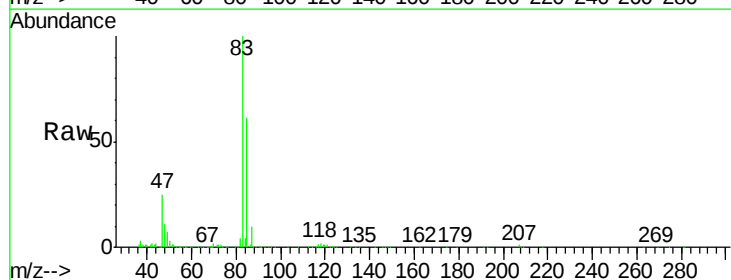
Manual Integrations
APPROVED

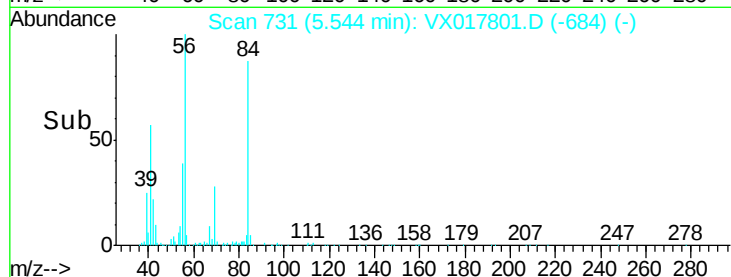
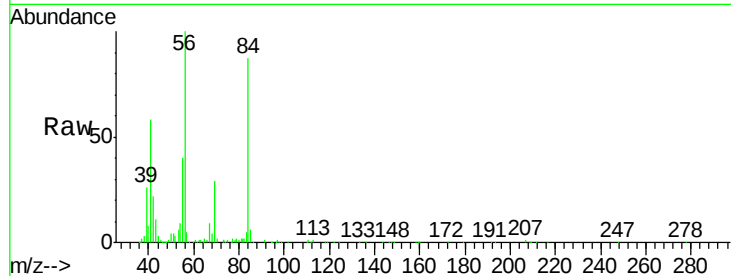
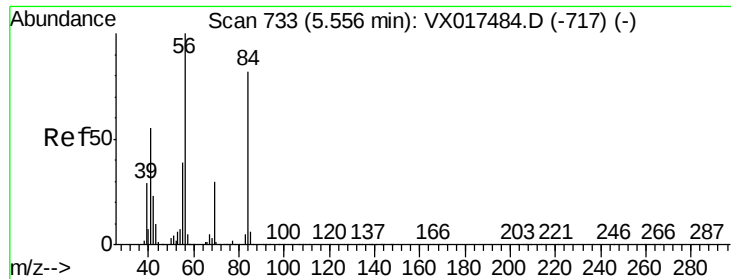
MMDadoda
8/7/2020 4:32:35 PM



#30
Chloroform
Concen: 20.483 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.4	77.2





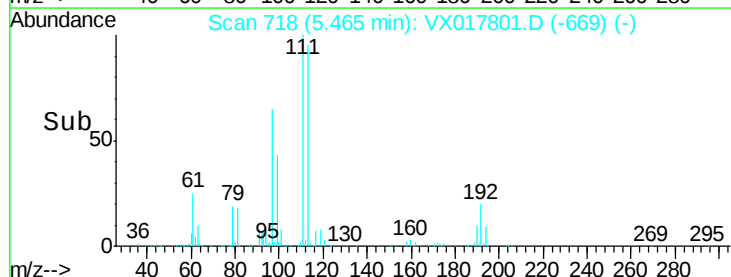
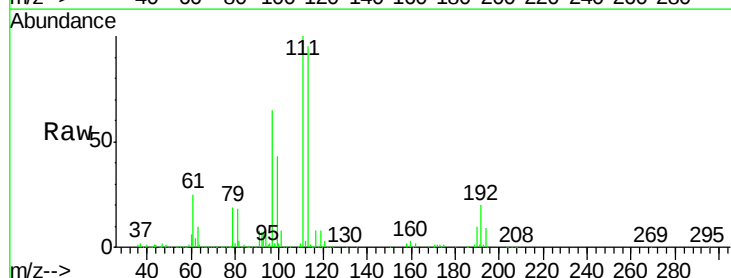
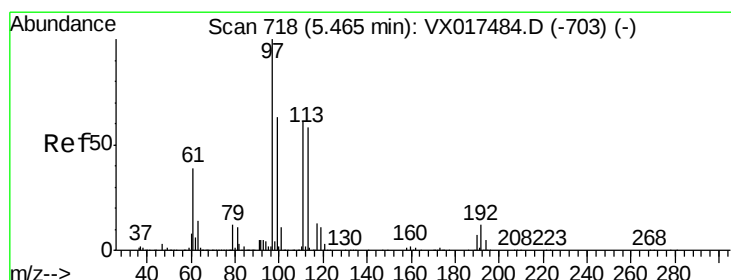
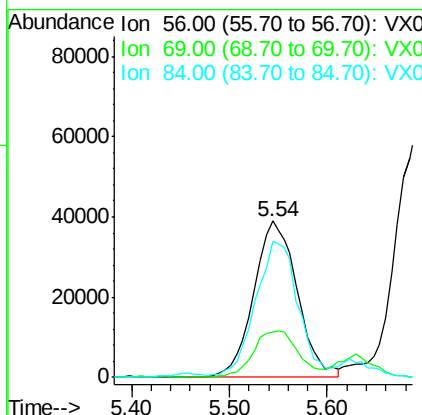
#31
Cyclohexane
Concen: 18.550 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	24.2	36.4
84	85.0	69.0	103.6

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

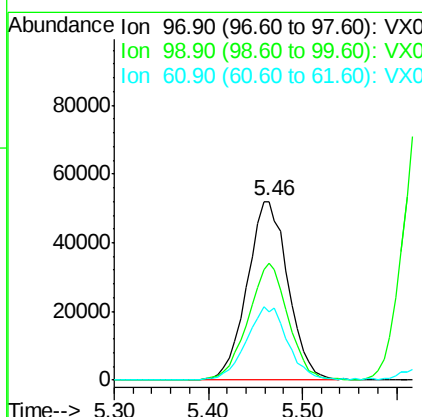
Manual Integrations
APPROVED

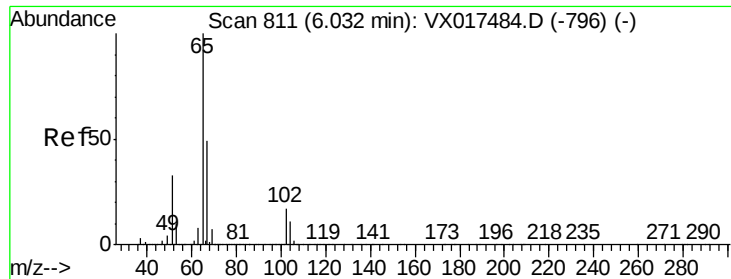
MMDadoda
8/7/2020 4:32:35 PM



#32
1,1,1-Trichloroethane
Concen: 20.105 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.9	77.9
61	41.5	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 54.031 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 65 Resp: 284865

Ion Ratio Lower Upper

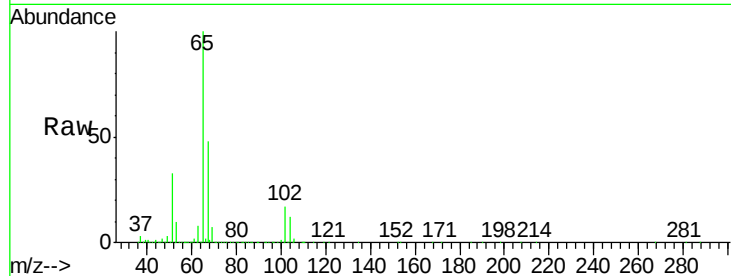
65 100

67 51.7 0.0 102.8

Manual Integrations
APPROVED

MMDadoda

8/7/2020 4:32:35 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

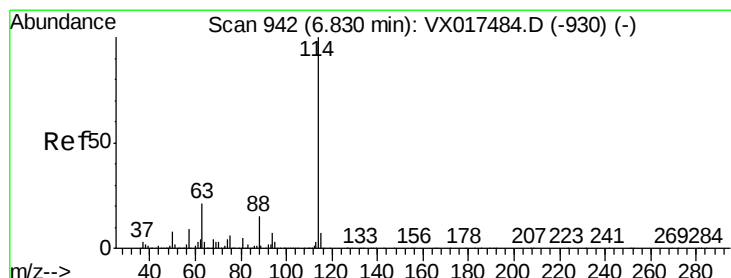
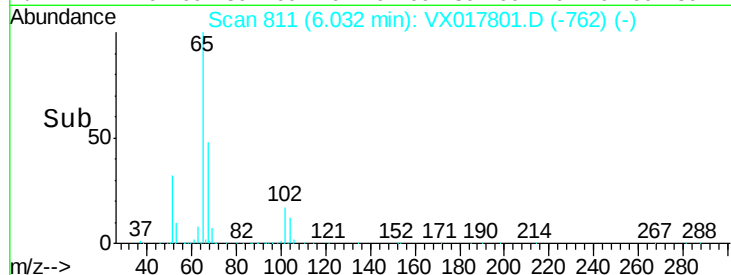
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

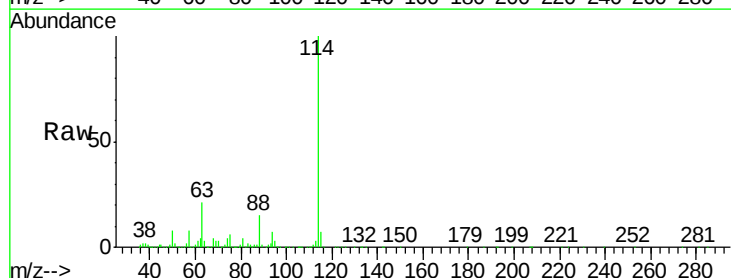
Tgt Ion: 114 Resp: 622859

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 15.5 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

6.83

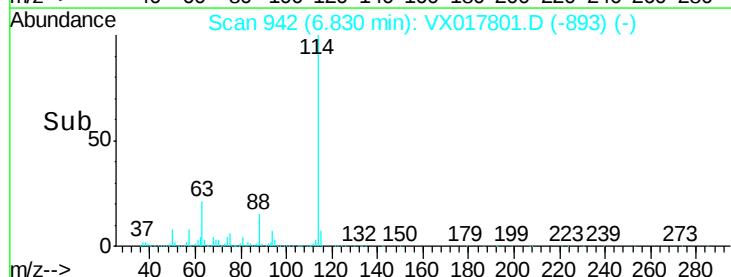
300000

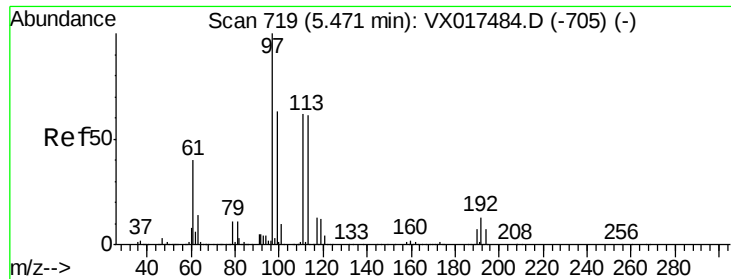
200000

100000

0

Time-->





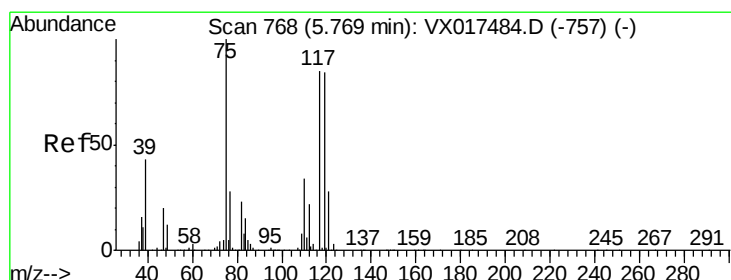
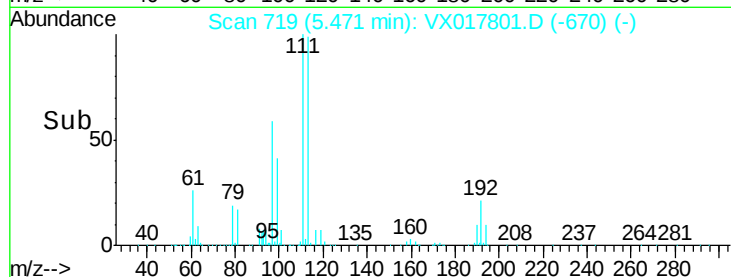
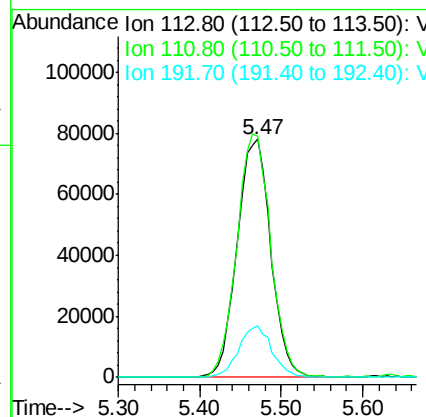
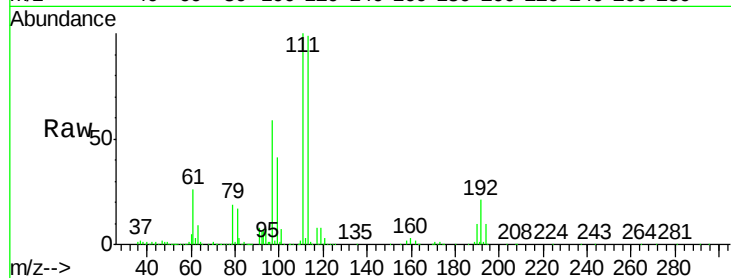
#35
 Dibromofluoromethane
 Concen: 53.616 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	223351		
111	102.6	80.7	121.1	
192	21.1	16.9	25.3	

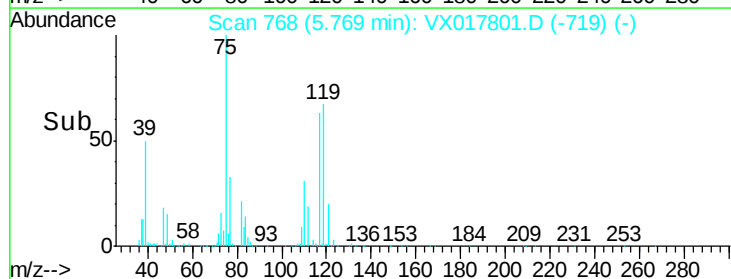
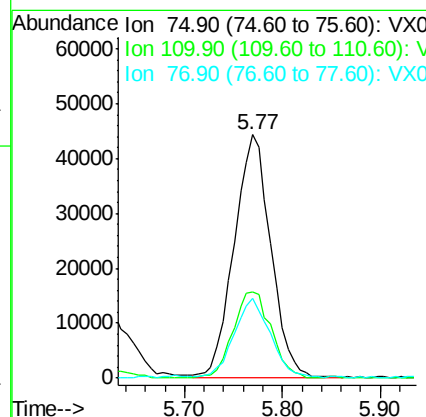
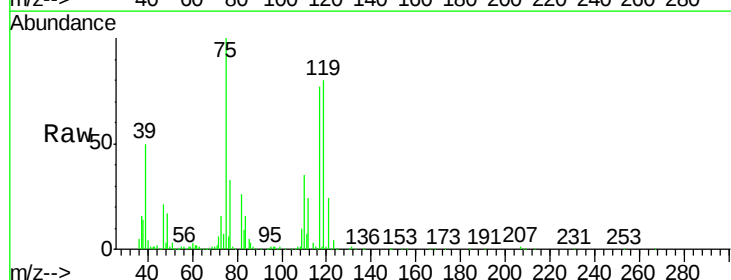
Manual Integrations
 APPROVED

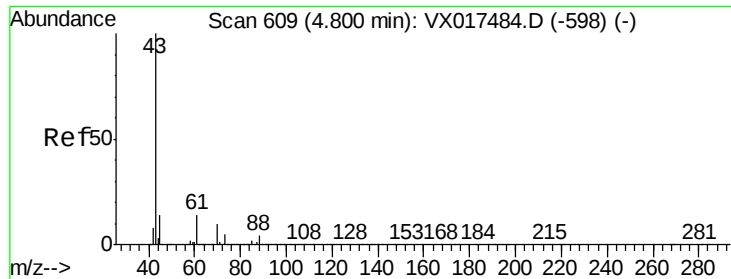
MMDadoda
 8/7/2020 4:32:35 PM



#36
 1,1-Dichloropropene
 Concen: 19.239 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114931		
110	37.0	18.1	54.3	
77	31.9	24.6	37.0	





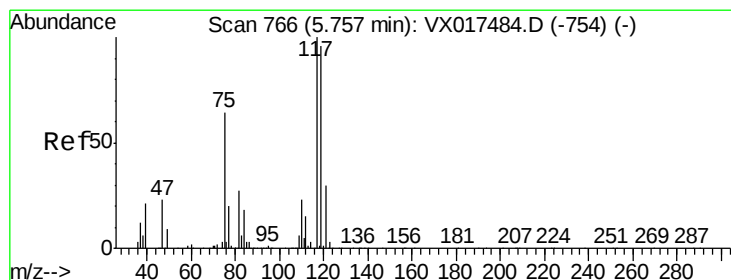
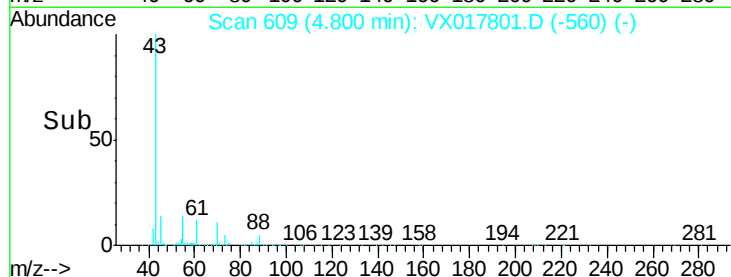
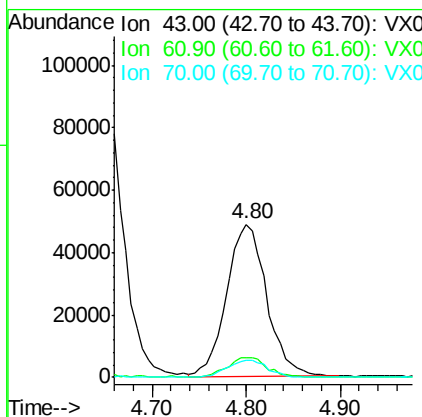
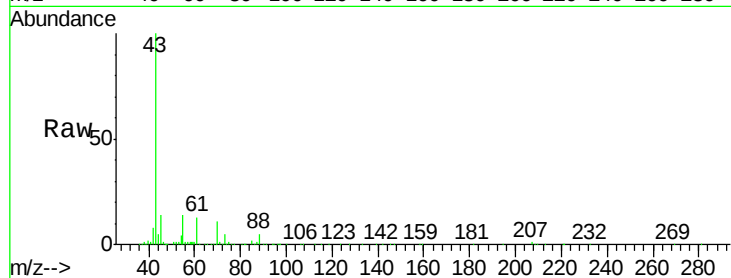
#37
Ethyl Acetate
Concen: 21.968 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampled :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	11.6	8.5	12.7

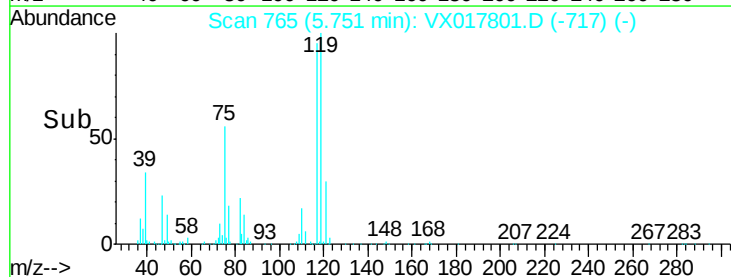
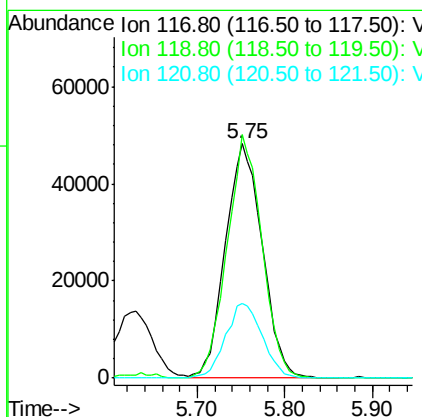
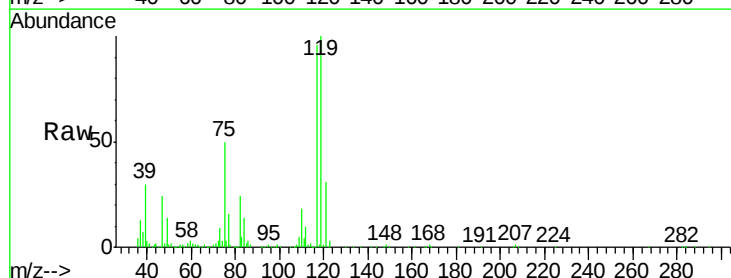
Manual Integrations
APPROVED

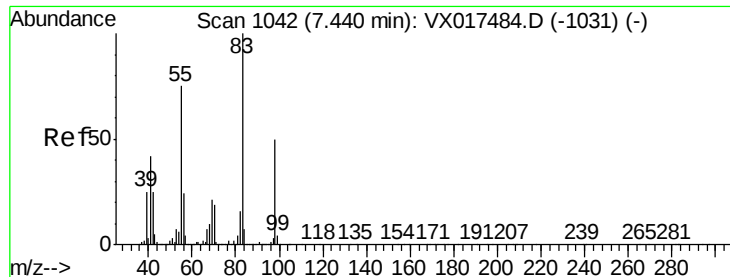
MMDadoda
8/7/2020 4:32:35 PM



#38
Carbon Tetrachloride
Concen: 19.516 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.5	75.4	113.0
121	31.9	24.3	36.5





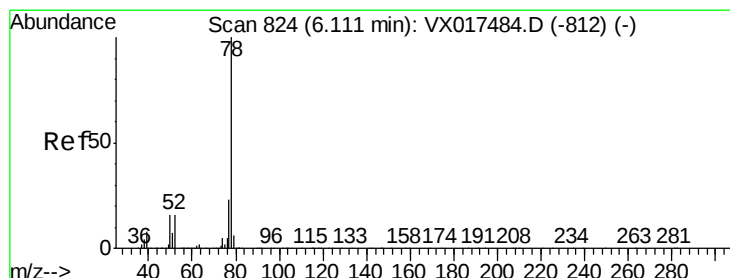
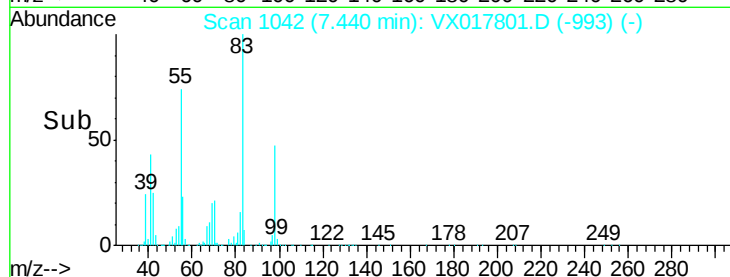
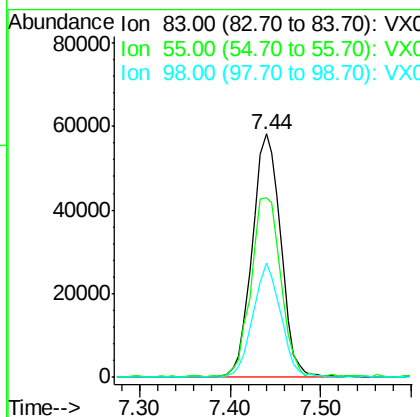
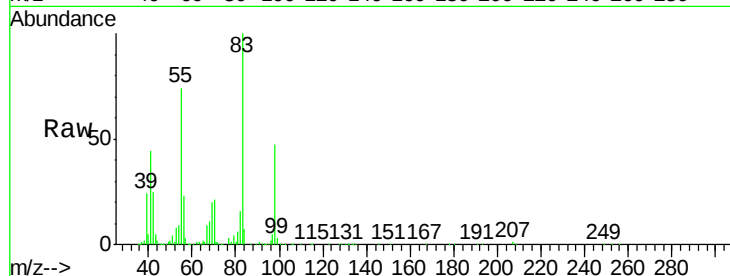
#39
Methvlcvclohexane
Concen: 18.230 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127132		
55	73.1	61.8	92.8	
98	46.8	36.9	55.3	

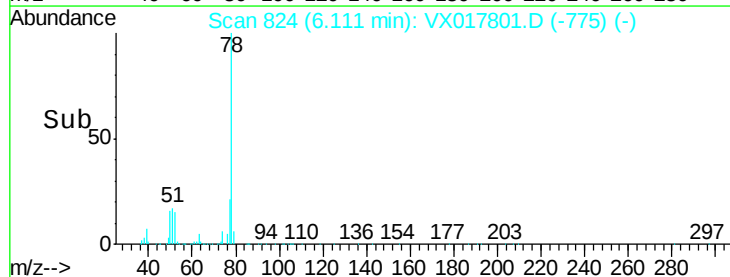
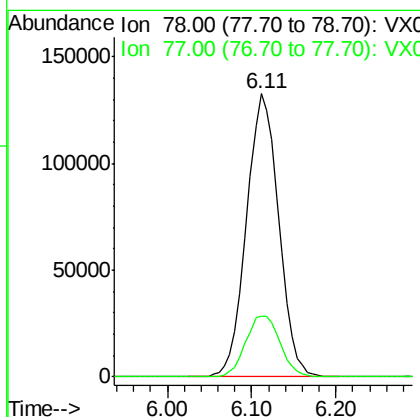
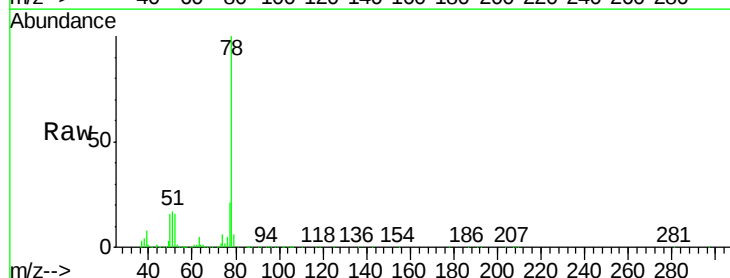
Manual Integrations
APPROVED

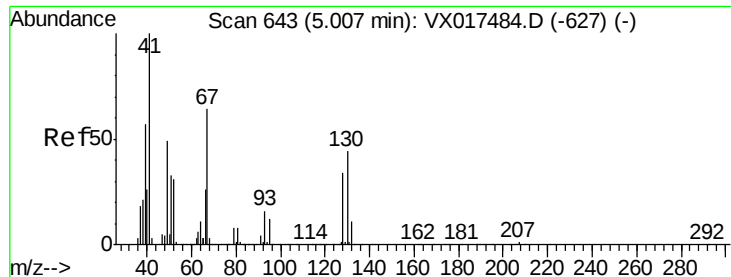
MMDadoda
8/7/2020 4:32:35 PM



#40
Benzene
Concen: 20.105 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	344326		
77	21.2	19.4	29.2	





#41

Methacrylonitrile

Concen: 21.449 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 41 Resp: 80359

Ion Ratio Lower Upper

41 100

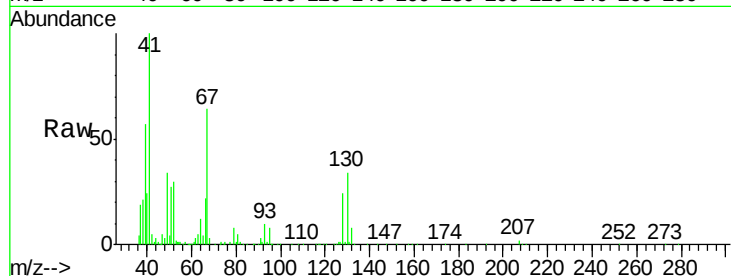
39 53.8 43.9 65.9

67 69.8 54.0 81.0

52 30.3 23.0 34.6

Manual Integrations
APPROVED

MMDadoda
8/7/2020 4:32:35 PM

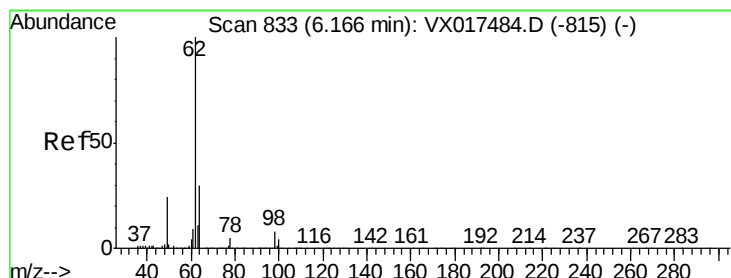
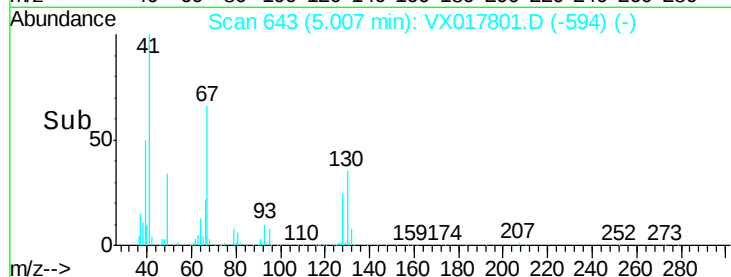
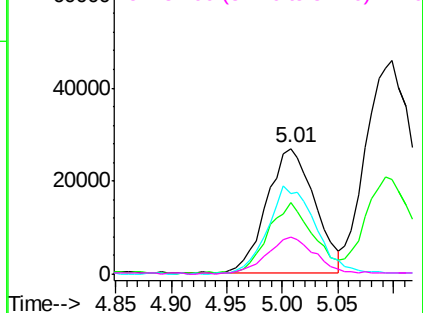


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.318 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017801.D

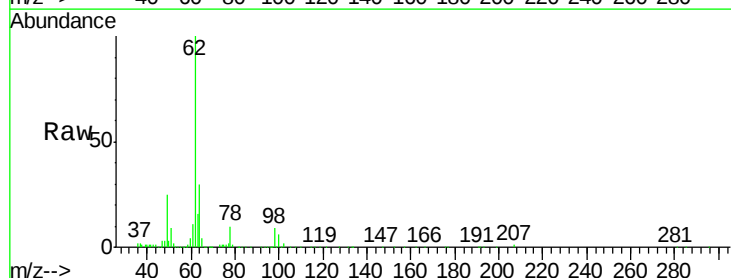
Acq: 06 Aug 2020 12:14

Tgt Ion: 62 Resp: 142360

Ion Ratio Lower Upper

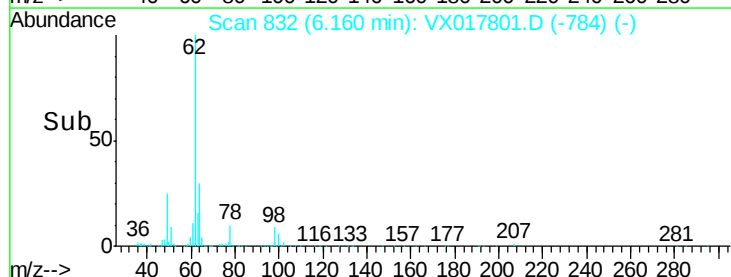
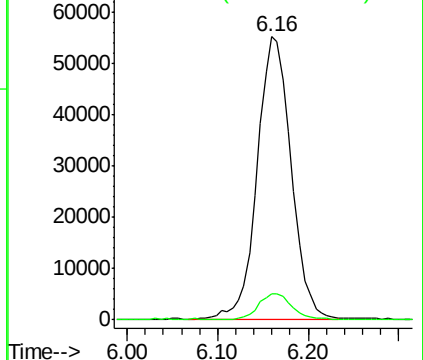
62 100

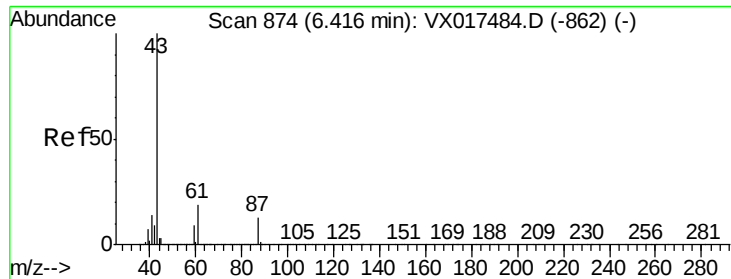
98 9.4 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

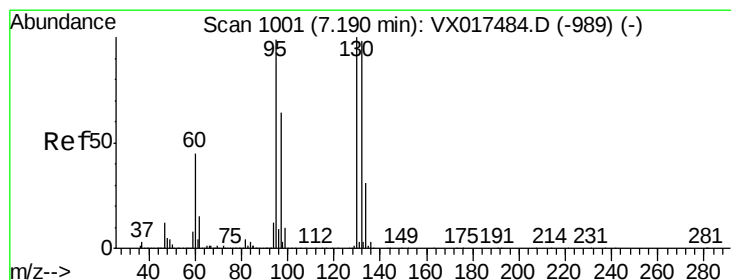
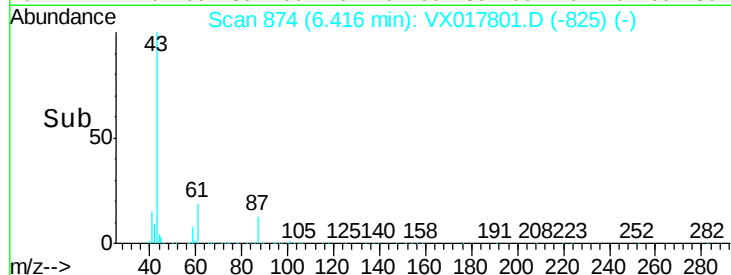
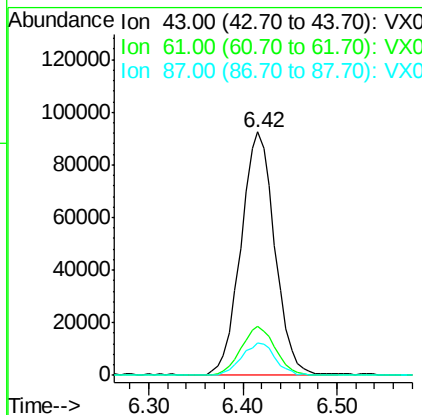
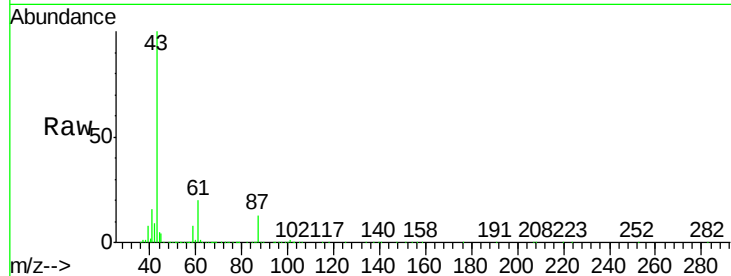
Isopropyl Acetate
 Concen: 21.439 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.5	23.3
87	13.5	10.5	15.7

Manual Integrations
 APPROVED

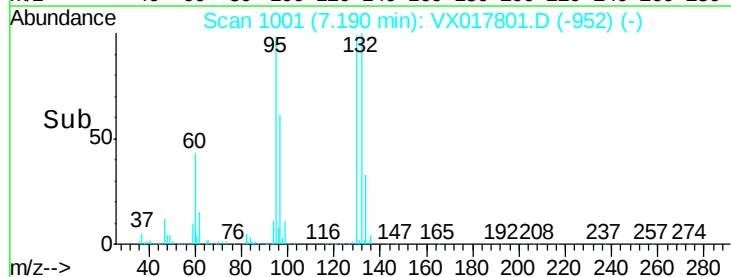
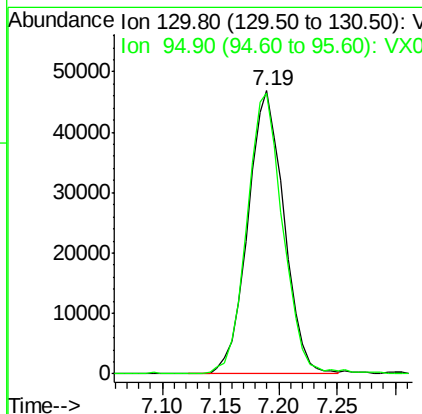
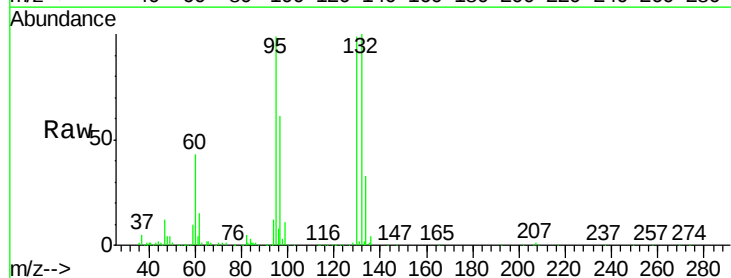
MMDadoda
 8/7/2020 4:32:35 PM

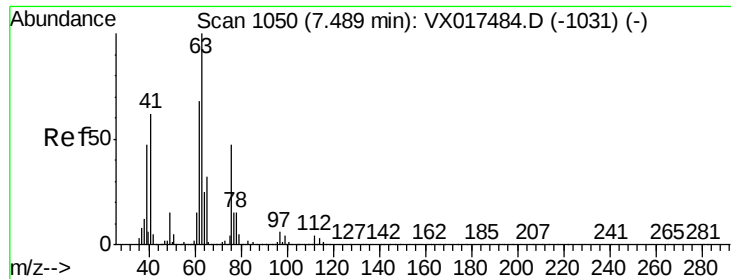


#44

Trichloroethene
 Concen: 20.133 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	189.0





#45

1,2-Dichloropropane

Concen: 19.206 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 63 Resp: 91187

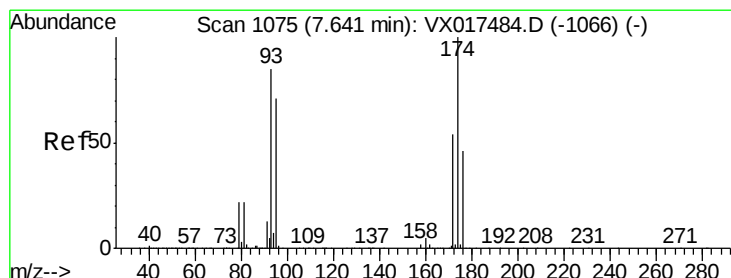
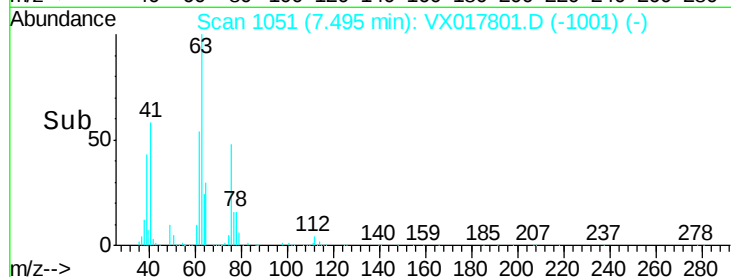
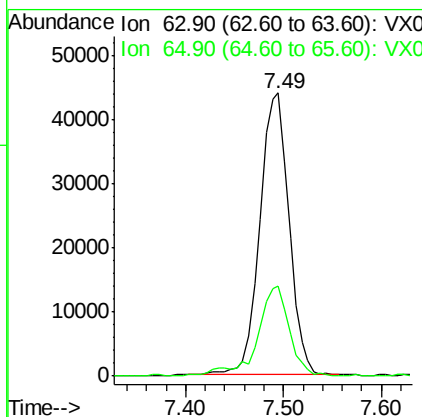
Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7

Manual Integrations
APPROVED

MMDadoda
8/7/2020 4:32:35 PM



#46

Dibromomethane

Concen: 19.901 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

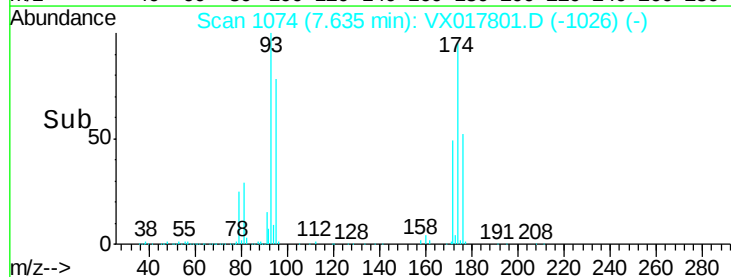
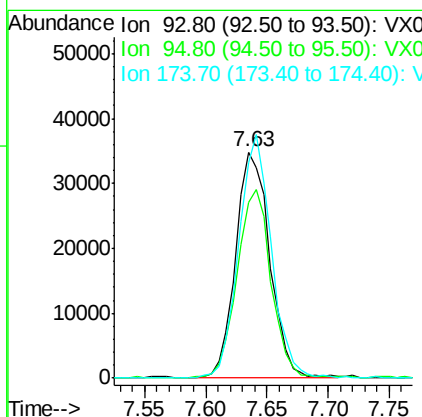
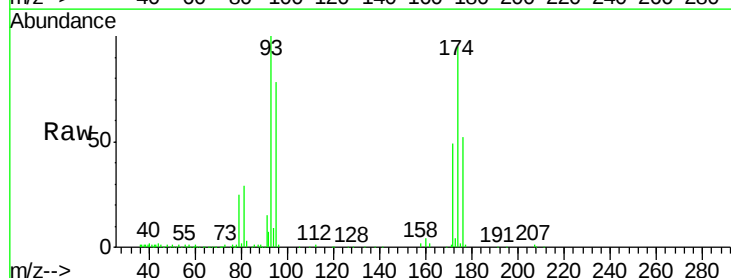
Tgt Ion: 93 Resp: 66773

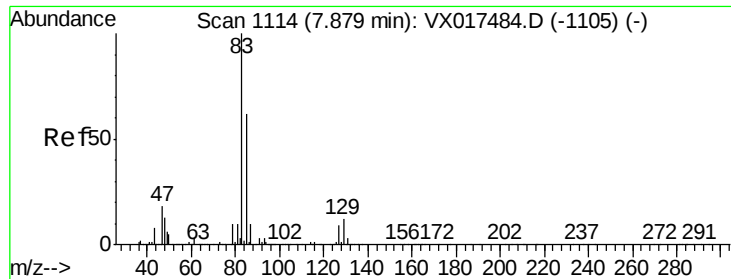
Ion Ratio Lower Upper

93 100

95 84.8 66.6 99.8

174 104.0 87.0 130.6





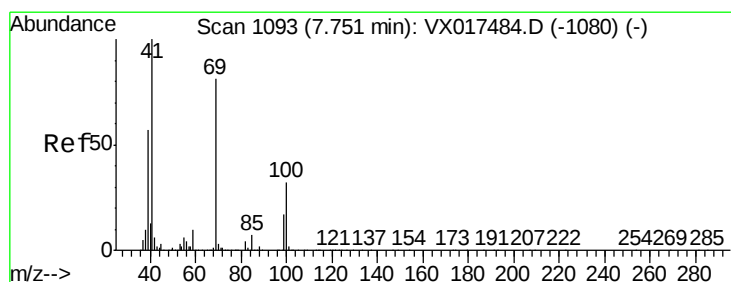
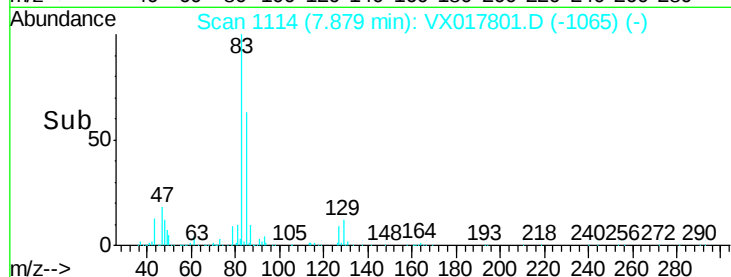
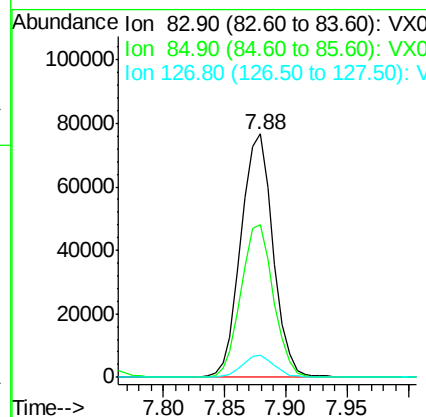
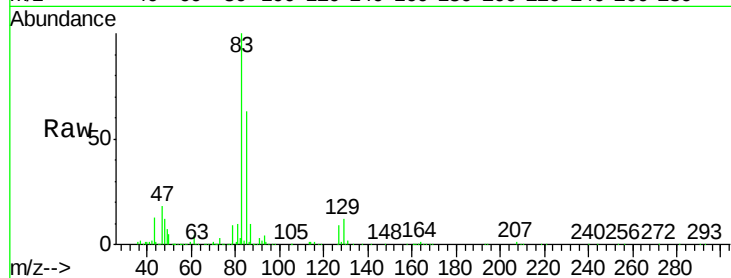
#47
Bromodichloromethane
Concen: 20.688 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	83	Resp	139671
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	51.8	77.8
127	9.0	7.4	11.2

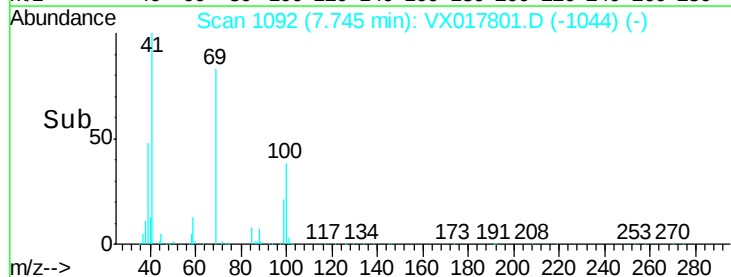
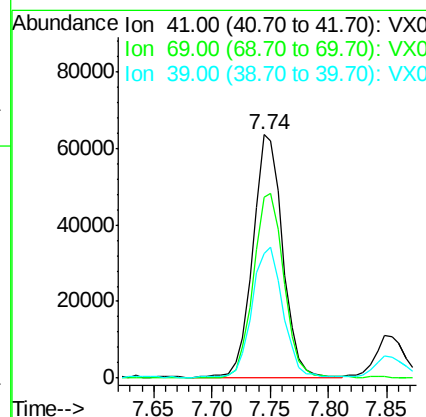
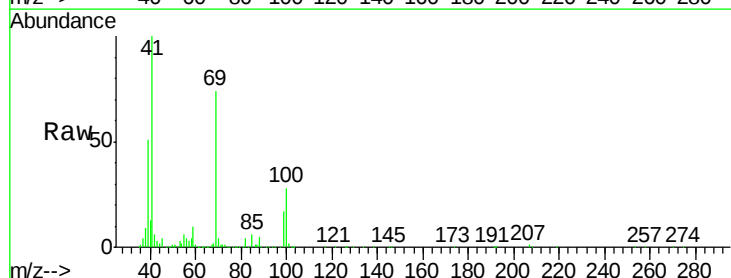
Manual Integrations
APPROVED

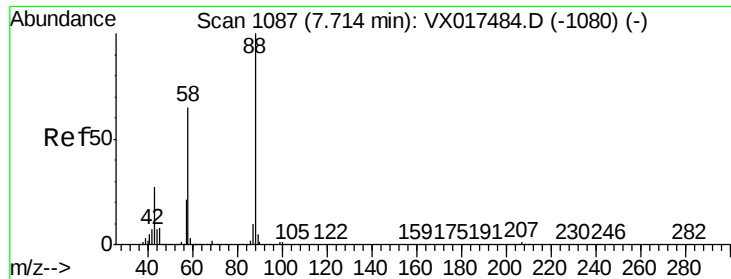
MMDadoda
8/7/2020 4:32:35 PM



#48
Methyl methacrylate
Concen: 21.115 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	41	Resp	112873
Ion Ratio	100	Lower	Upper
41	100		
69	78.6	63.1	94.7
39	56.1	45.1	67.7





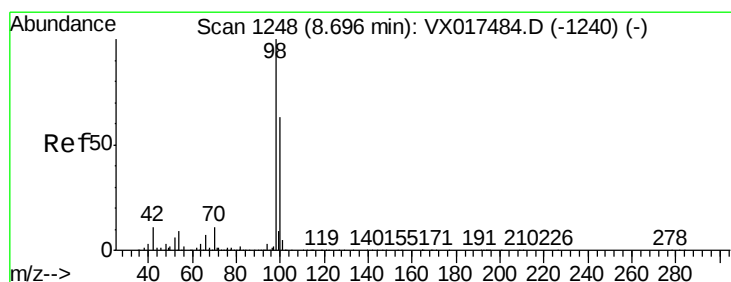
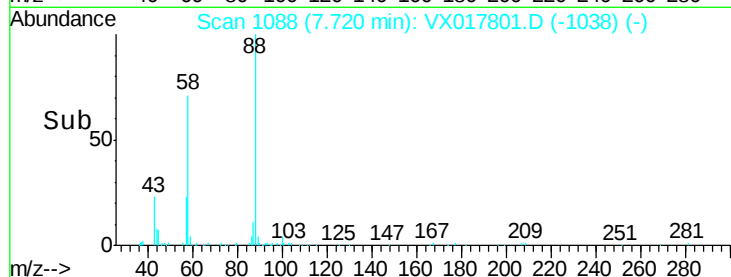
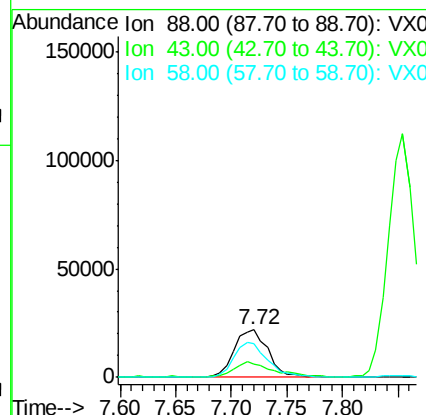
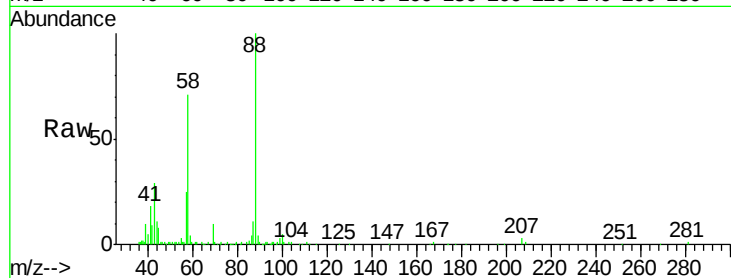
#49
1,4-Dioxane
Concen: 456.306 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	27.8	41.6
58	72.6	58.3	87.5

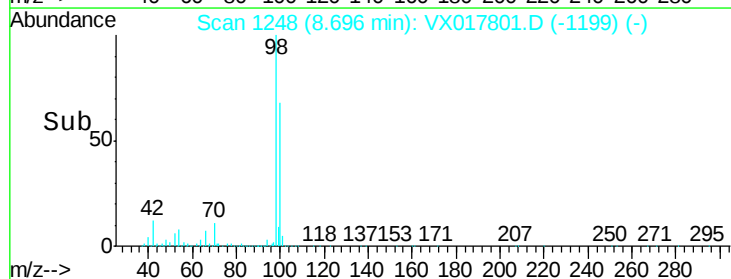
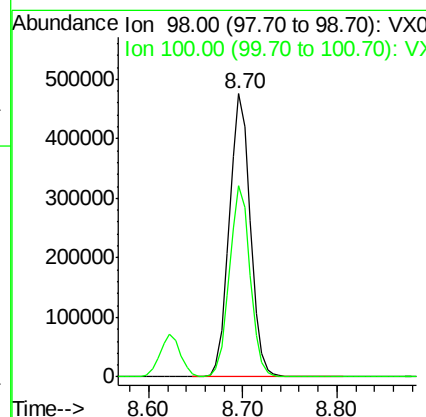
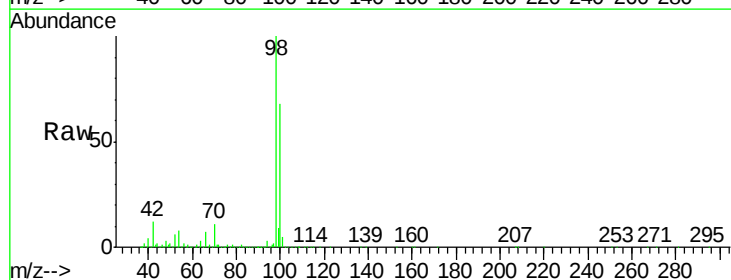
Manual Integrations
APPROVED

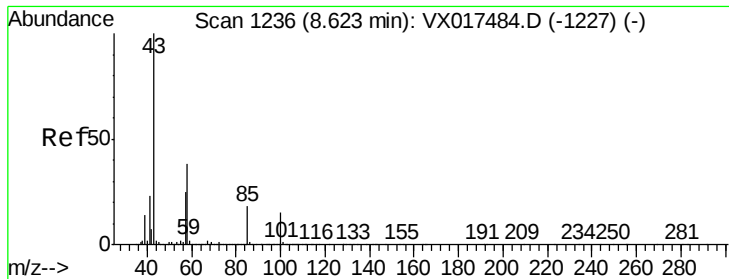
MMDadoda
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#50
Toluene-d8
Concen: 49.020 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 110.558 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 43 Resp: 711398

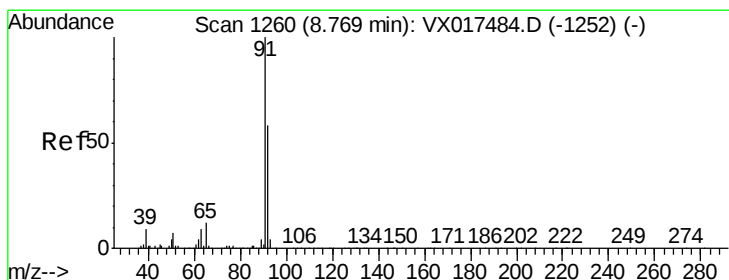
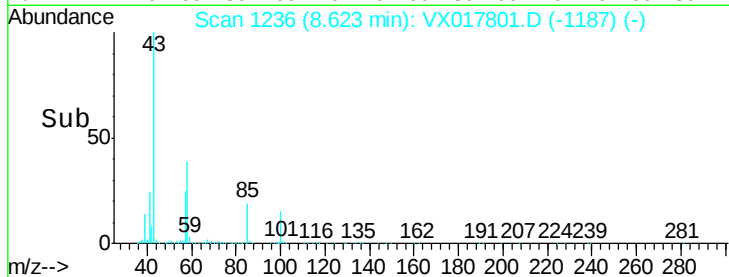
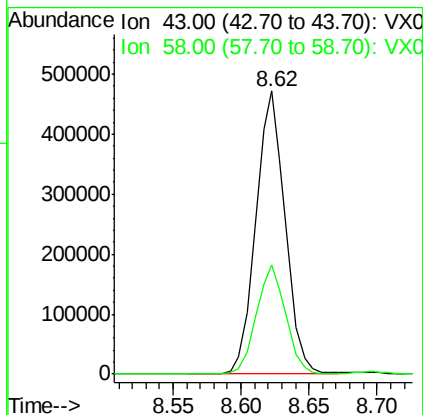
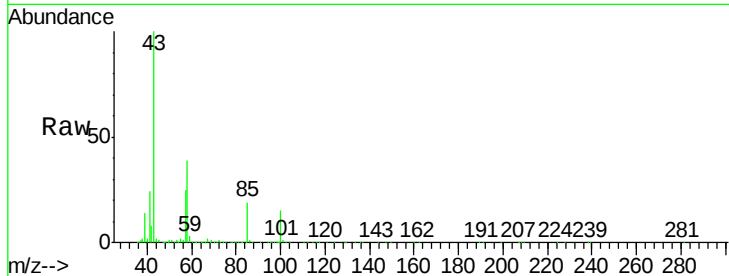
Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4

Manual Integrations
APPROVED

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8/7/2020 4:32:35 PM



#52

Toluene

Concen: 19.066 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017801.D

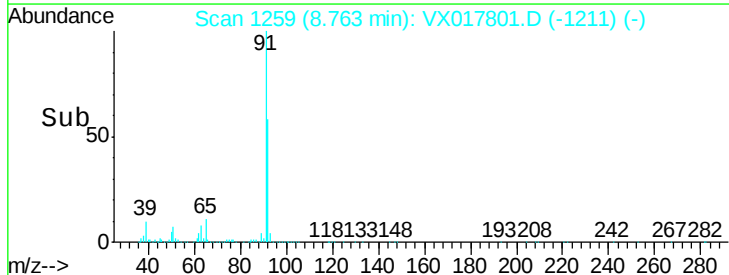
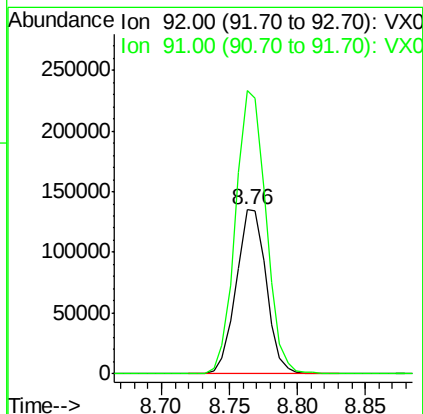
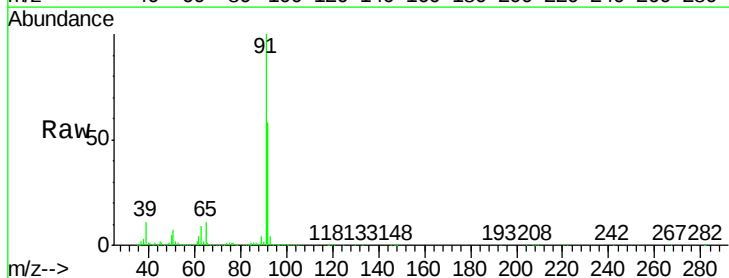
Acq: 06 Aug 2020 12:14

Tgt Ion: 92 Resp: 209418

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.078 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tot Ion: 75 Resp: 144185

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

Instrument :

MSVOA_X

ClientSampleId :

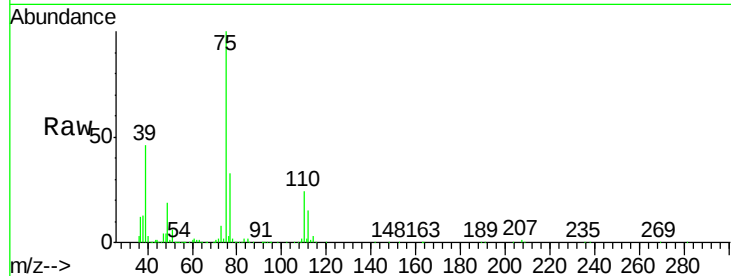
VX0806WBSD01

Manual Integrations

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8/7/2020 4:32:35 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

100000

80000

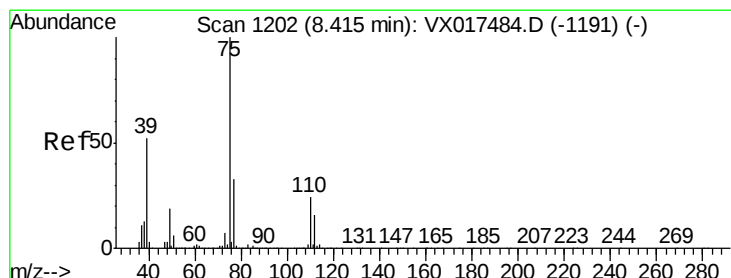
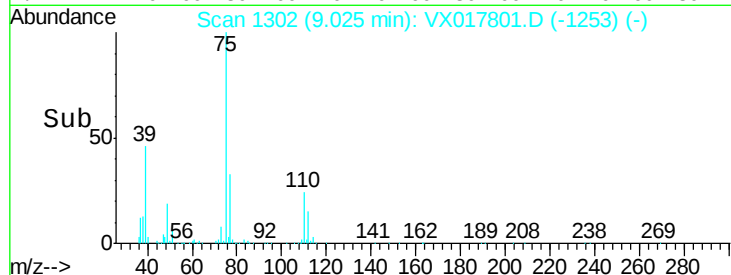
60000

40000

20000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 19.992 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

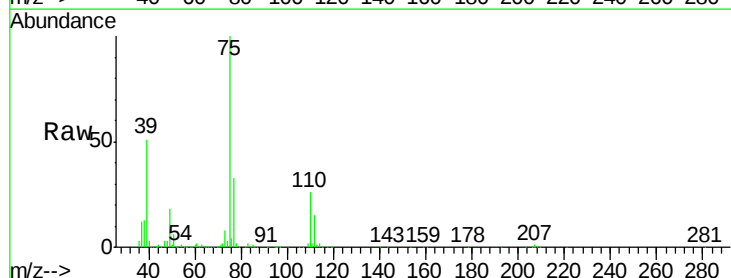
Tgt Ion: 75 Resp: 154108

Ion Ratio Lower Upper

75 100

77 33.3 25.5 38.3

39 51.0 41.8 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

120000

100000

80000

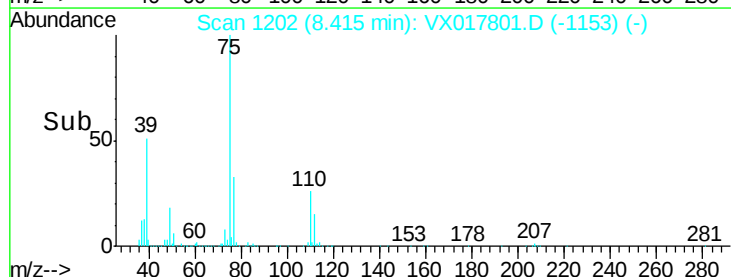
60000

40000

20000

0

Time--> 8.35 8.40 8.45 8.50





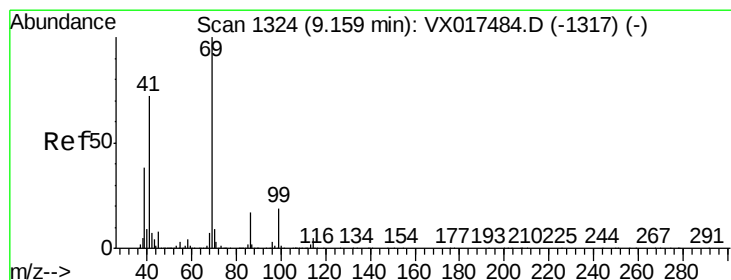
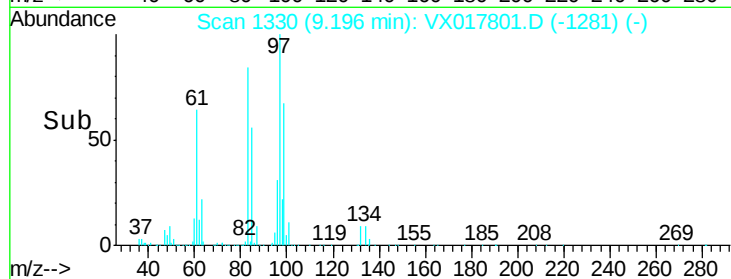
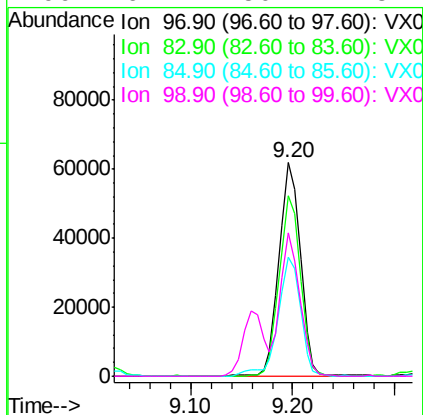
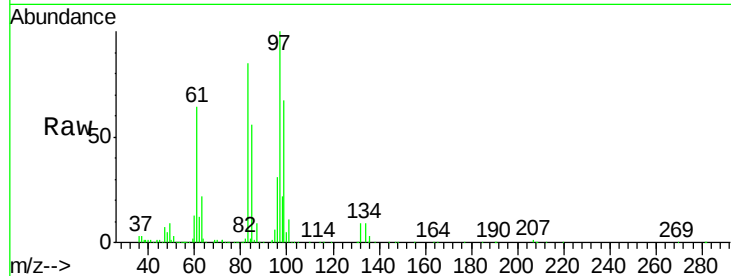
#55
 1,1,2-Trichloroethane
 Concen: 19.743 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90334		
83	84.5	67.6	101.4		
85	56.0	44.6	67.0		
99	67.2	50.2	75.4		

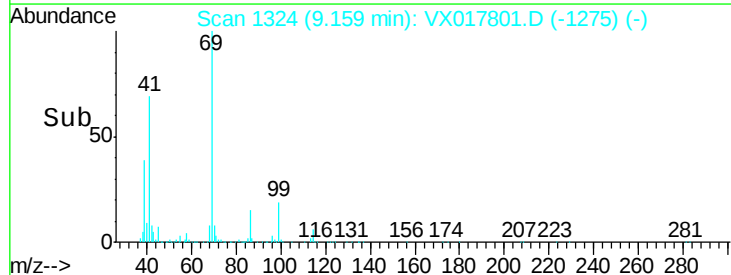
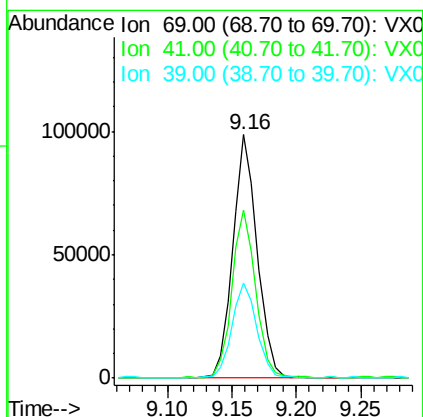
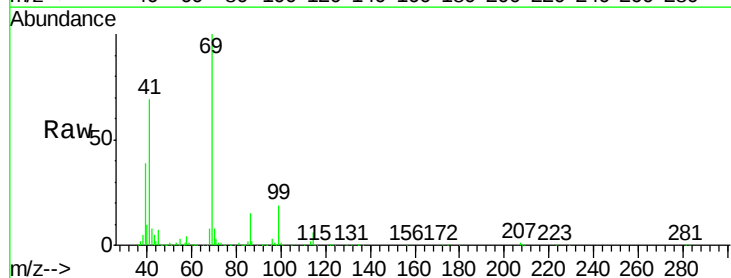
Manual Integrations
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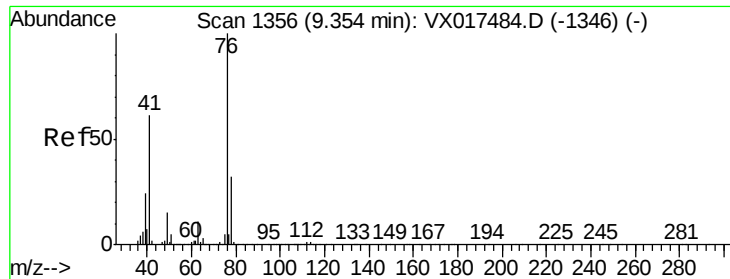
MMDadoda
 8/7/2020 4:32:35 PM



#56
 Ethyl methacrylate
 Concen: 18.859 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		130005		
41	67.4	55.0	82.6		
39	39.6	30.0	45.0		





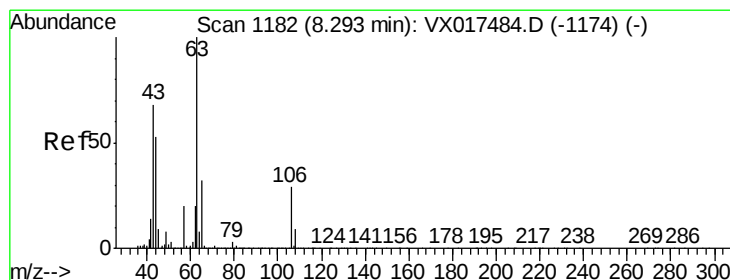
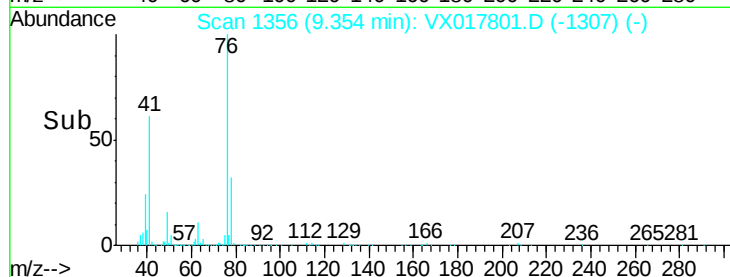
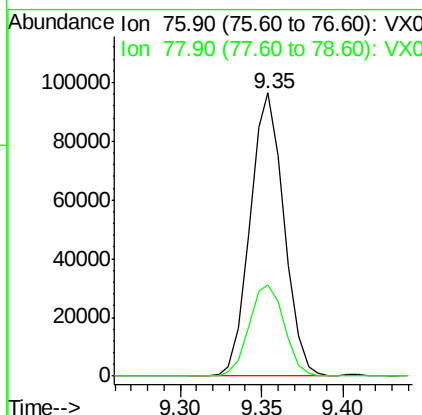
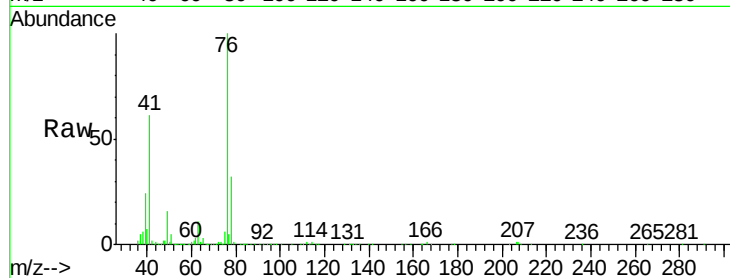
#57
 1,3-Dichloropropane
 Concen: 18.533 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.8	38.8

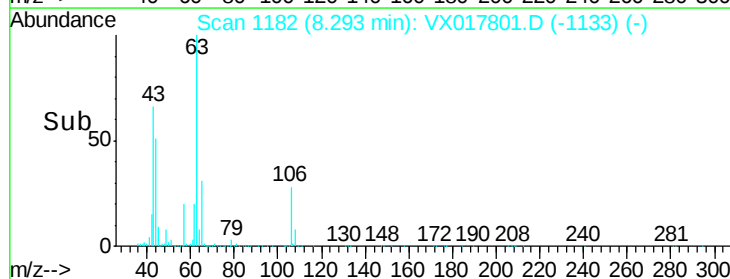
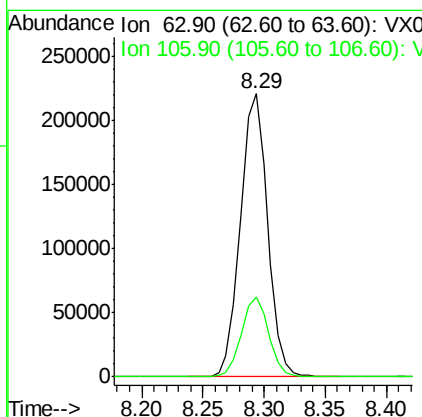
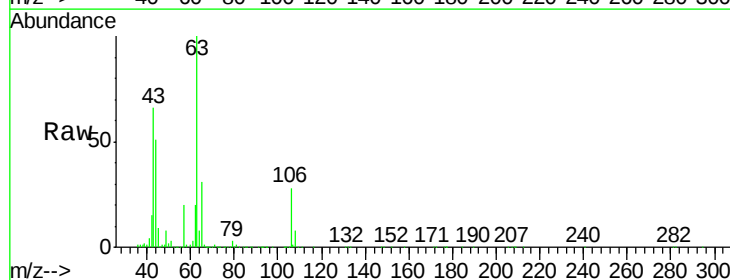
Manual Integrations
 APPROVED

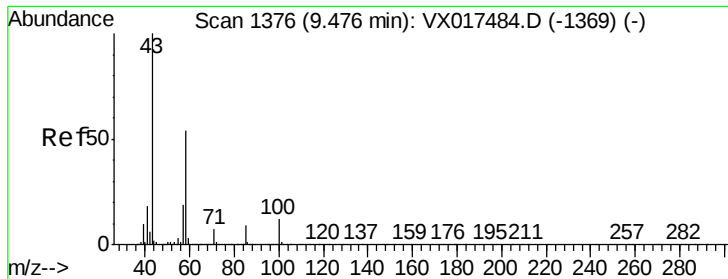
MMDadoda
 8/7/2020 4:32:35 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.770 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0





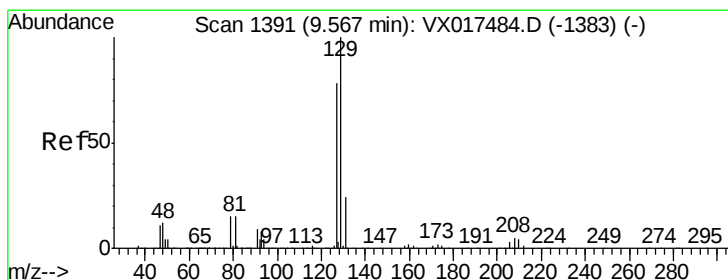
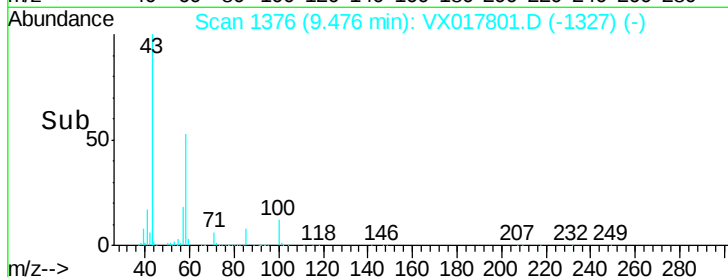
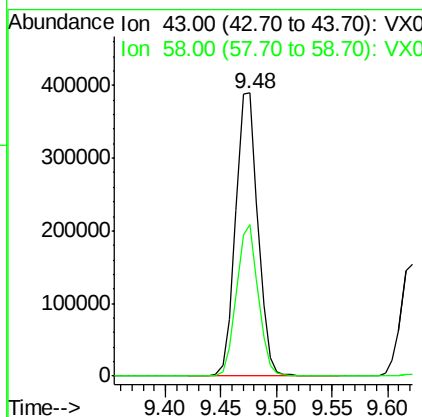
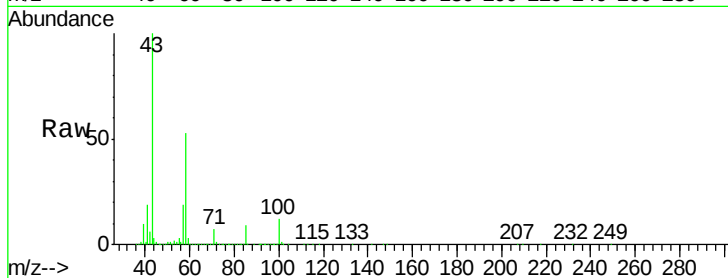
#59
2-Hexanone
Concen: 111.655 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion: 43 Resp: 540920
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.8

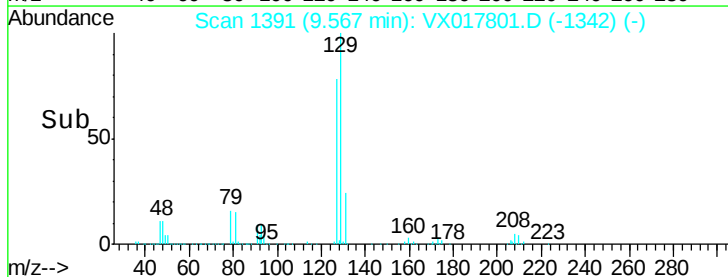
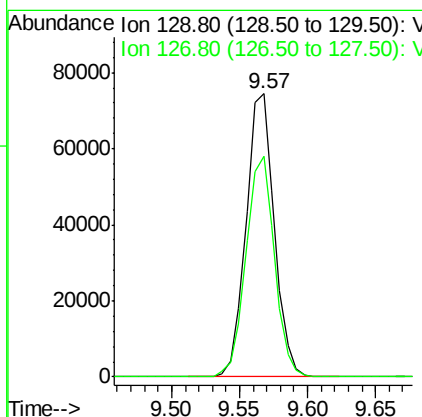
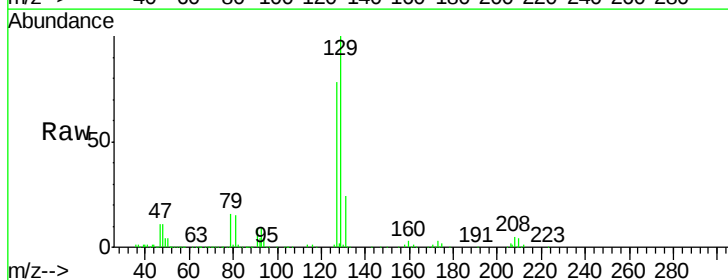
Manual Integrations
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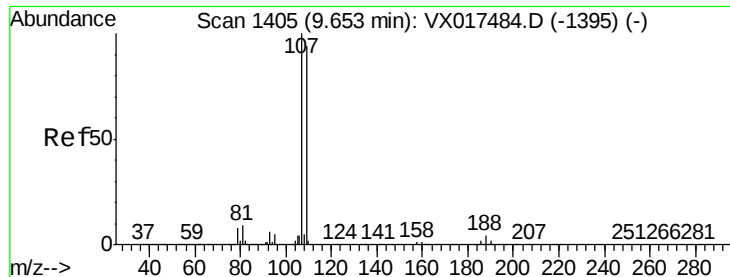
MMDadoda
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#60
Dibromochloromethane
Concen: 18.614 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion: 129 Resp: 108250
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.1





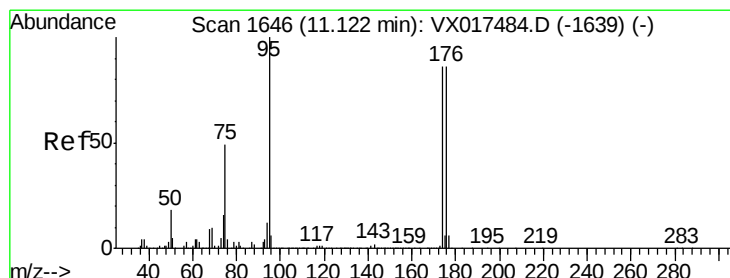
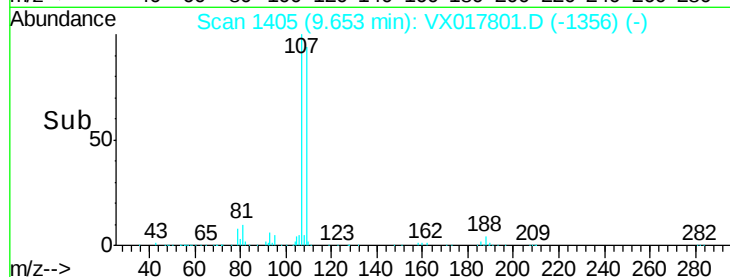
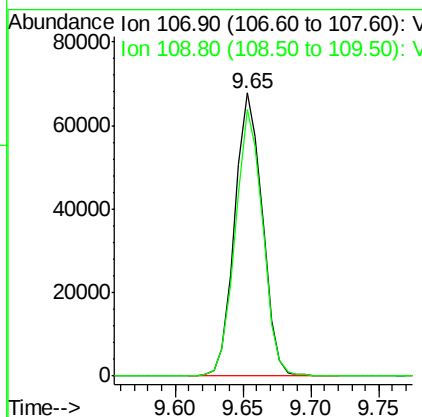
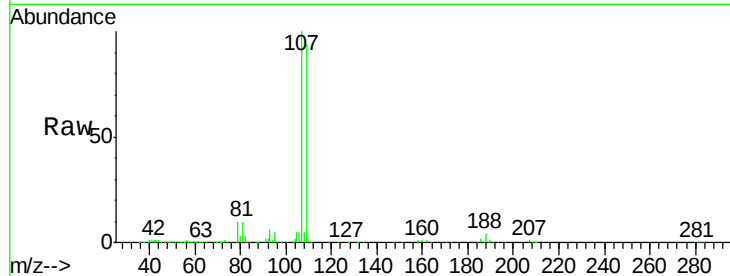
#61
 1,2-Dibromoethane
 Concen: 19.720 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.9	112.3

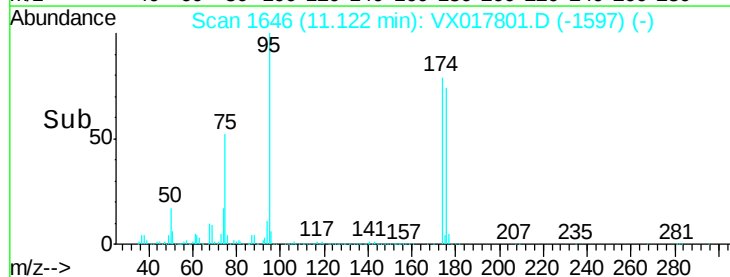
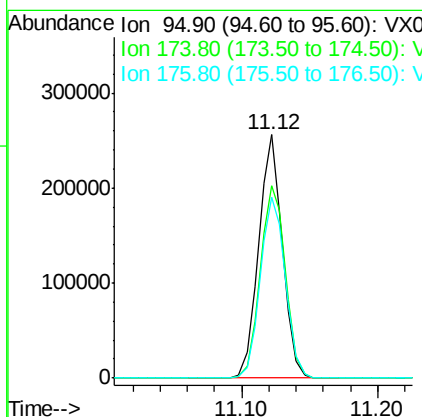
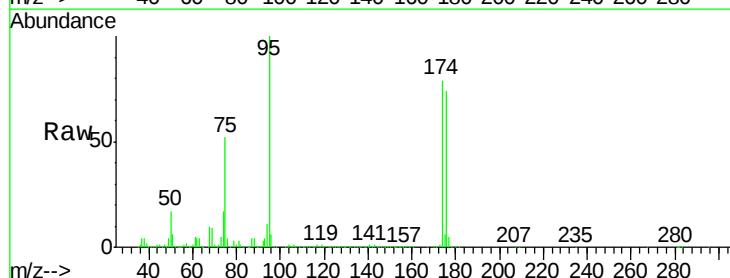
Manual Integrations
 APPROVED

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#62
 4-Bromofluorobenzene
 Concen: 52.080 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	169.0
176	78.2	0.0	161.0





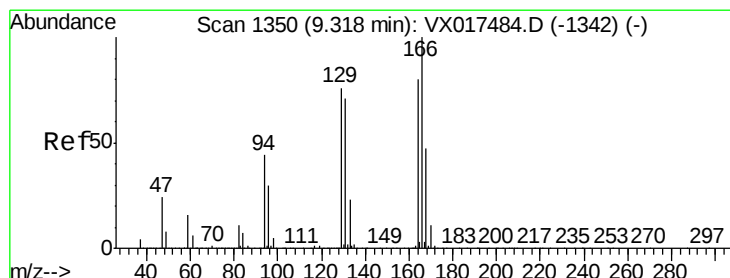
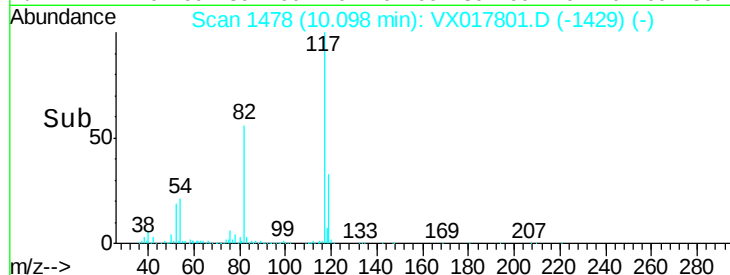
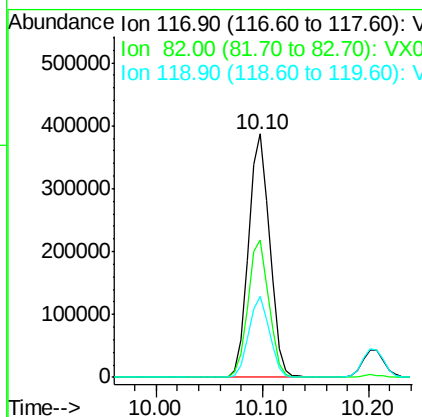
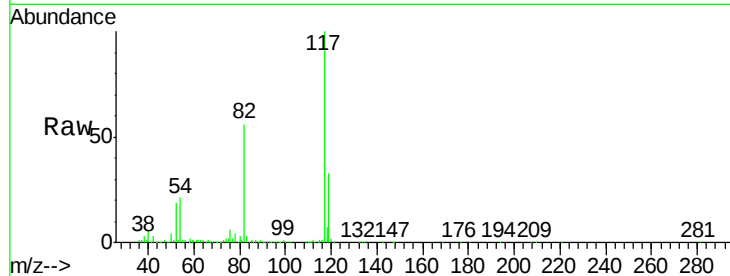
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	542498		
82	56.5	44.0	66.0	
119	33.1	25.4	38.0	

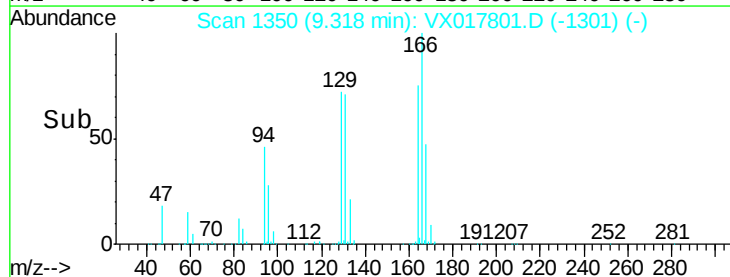
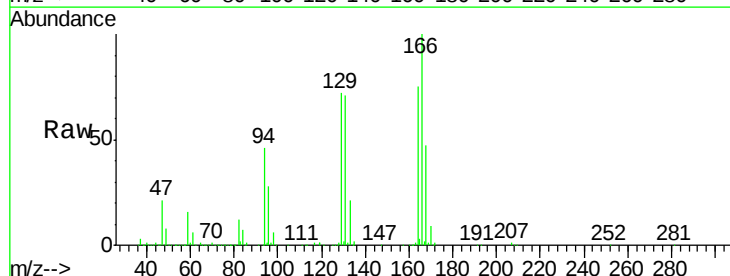
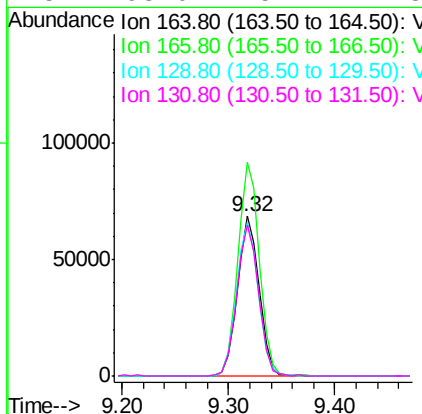
Manual Integrations
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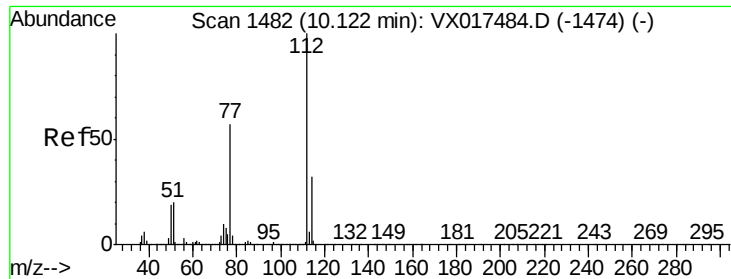
MMDadoda
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#64
Tetrachloroethene
Concen: 20.005 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97404		
166	134.0	100.6	150.8	
129	96.0	75.0	112.6	
131	95.0	75.2	112.8	





#65

Chlorobenzene

Concen: 21.689 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion:112 Resp: 254681

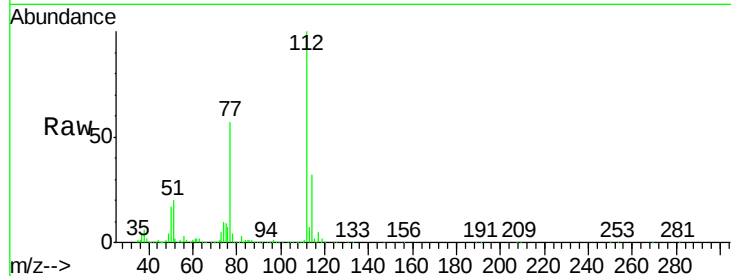
Ion Ratio Lower Upper

112 100

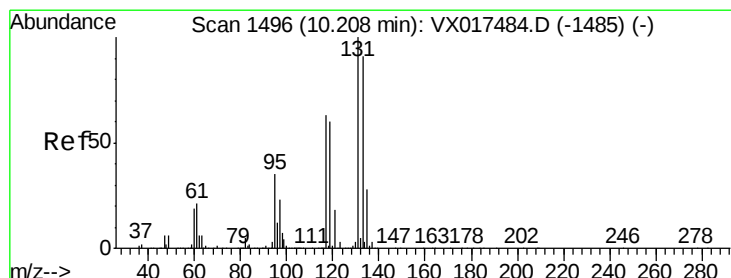
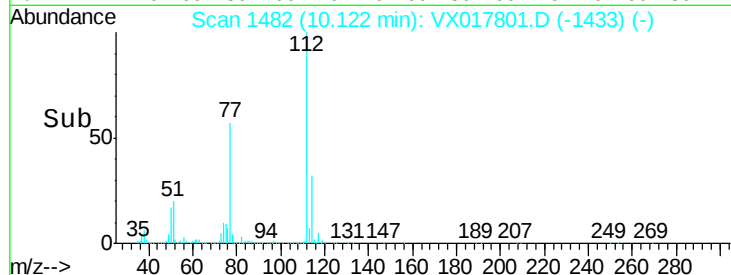
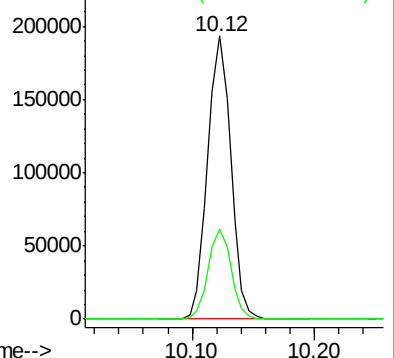
114 31.8 25.7 38.5

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.140 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

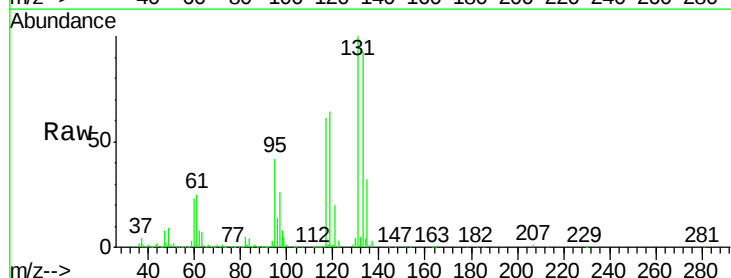
Tgt Ion:131 Resp: 100185

Ion Ratio Lower Upper

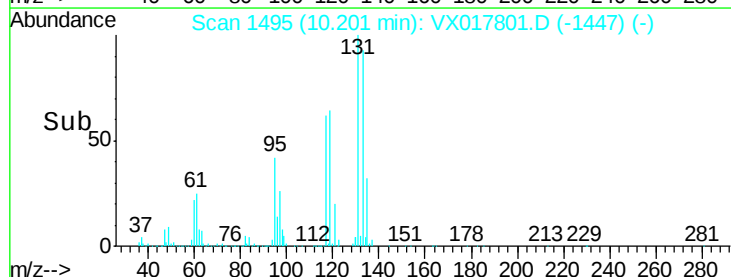
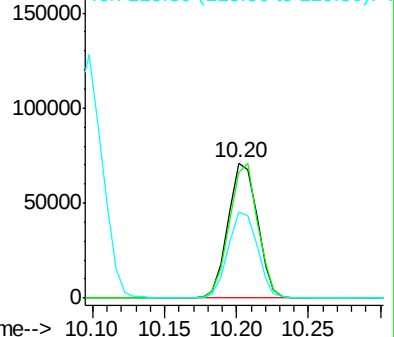
131 100

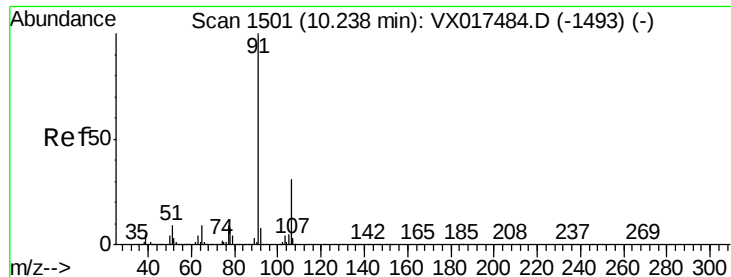
133 96.8 47.9 143.6

119 64.1 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 19.683 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleID :

VX0806WBSD01

Tot Ion: 91 Resp: 385809

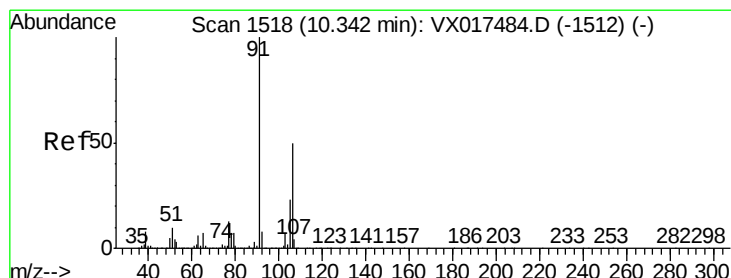
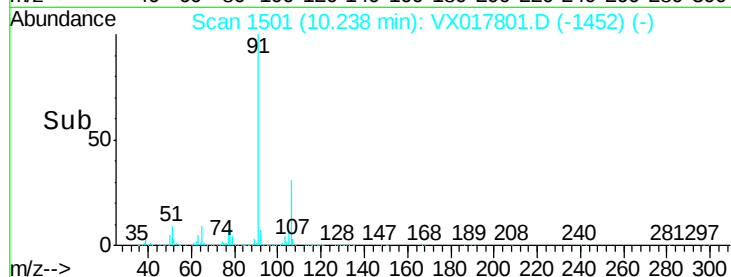
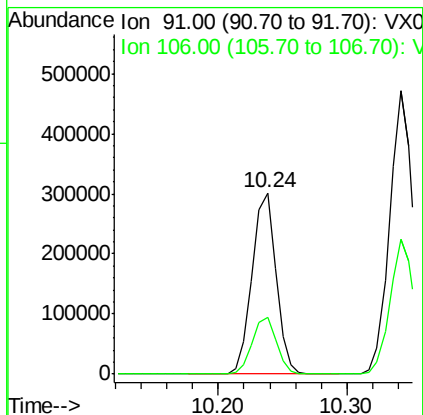
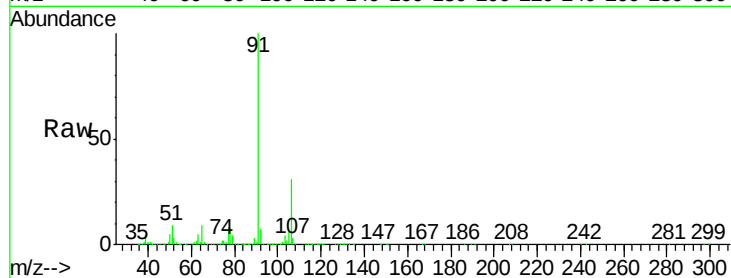
Ion Ratio Lower Upper

91 100

106 31.0 25.8 38.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.865 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017801.D

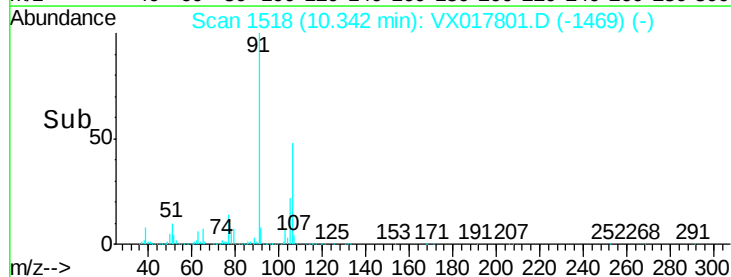
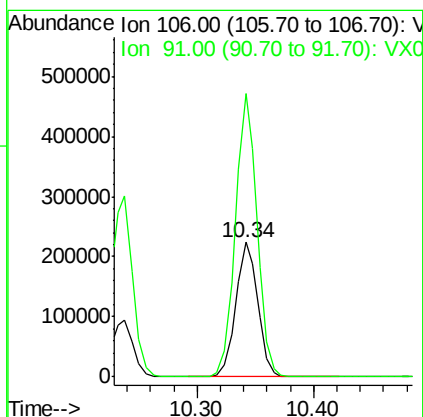
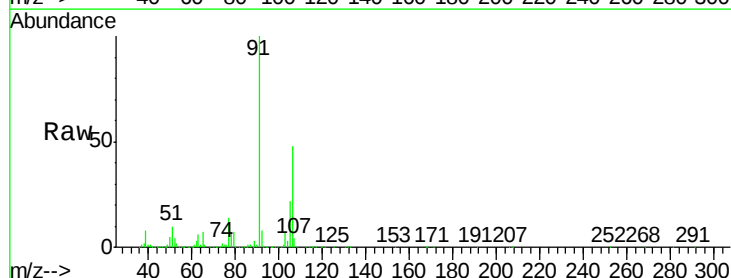
Acq: 06 Aug 2020 12:14

Tgt Ion: 106 Resp: 295125

Ion Ratio Lower Upper

106 100

91 206.4 160.9 241.3





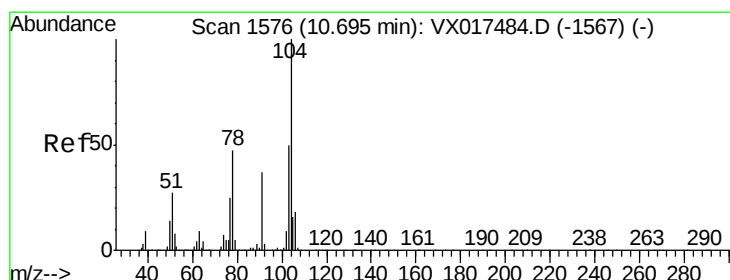
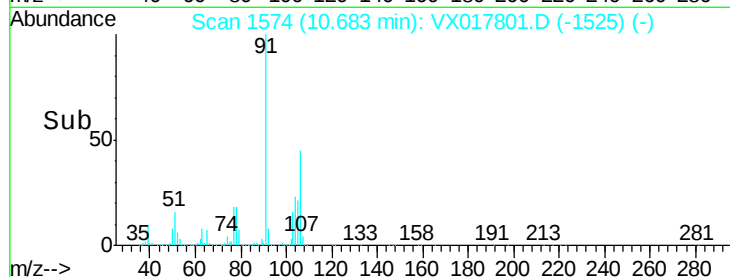
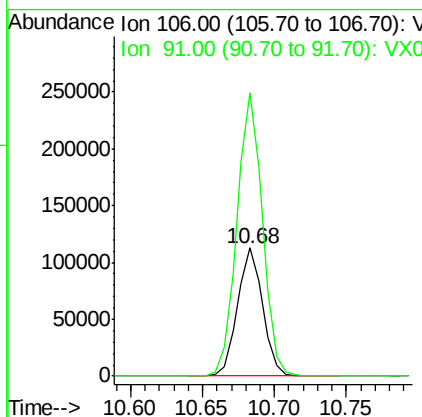
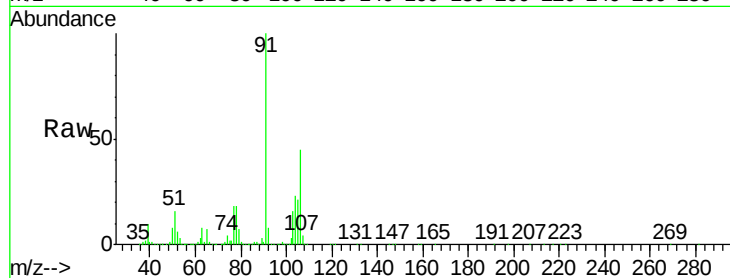
#69
o-Xylene
Concen: 18.825 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion:106 Resp: 137483
Ion Ratio Lower Upper
106 100
91 224.4 108.2 324.6

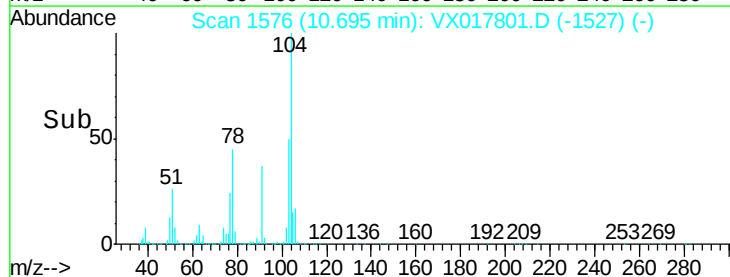
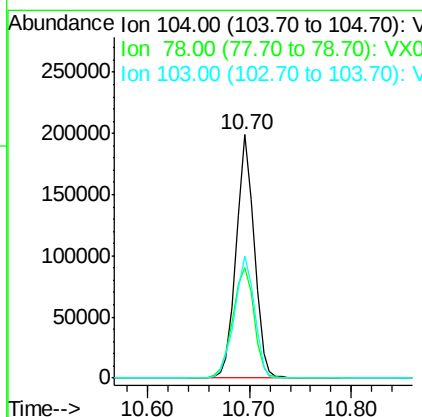
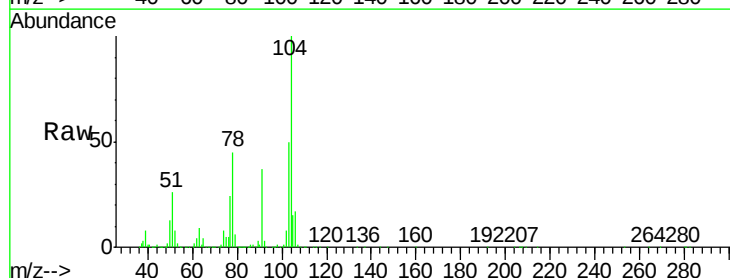
Manual Integrations
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#70
Styrene
Concen: 19.445 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion:104 Resp: 241623
Ion Ratio Lower Upper
104 100
78 54.0 42.5 63.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 21.540 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

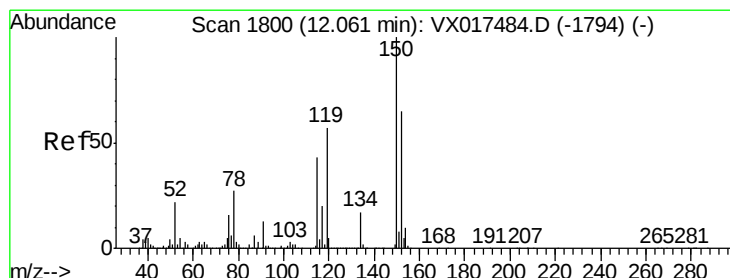
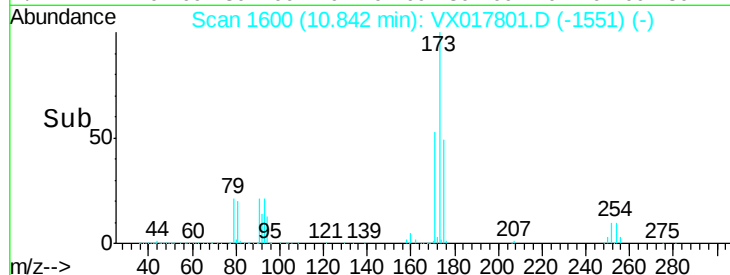
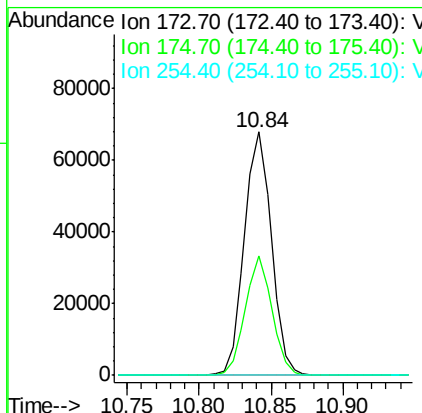
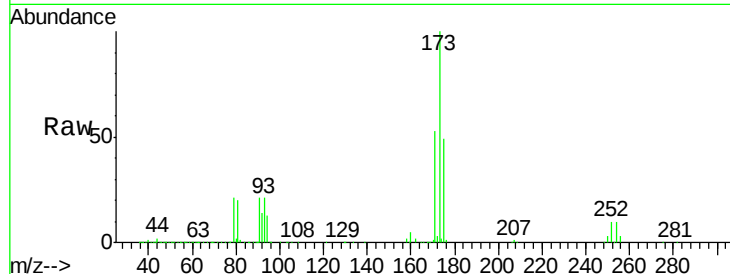
ClientSampleId :

VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.5
254	0.0	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

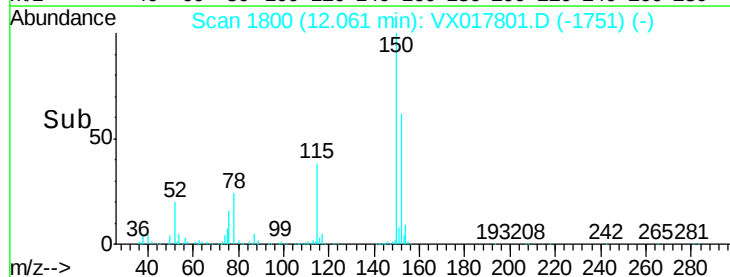
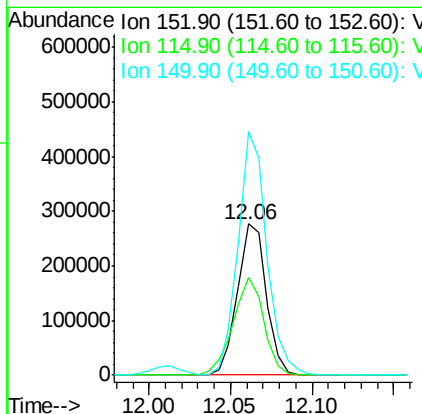
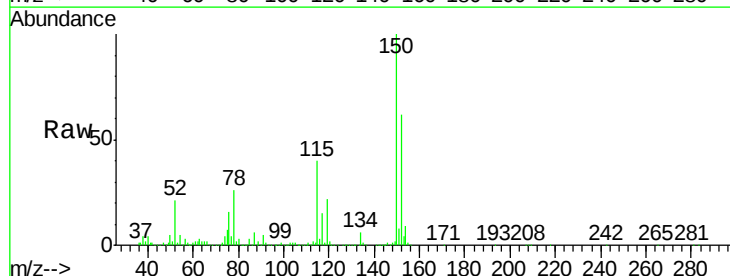
RT: 12.06 min Scan# 1800

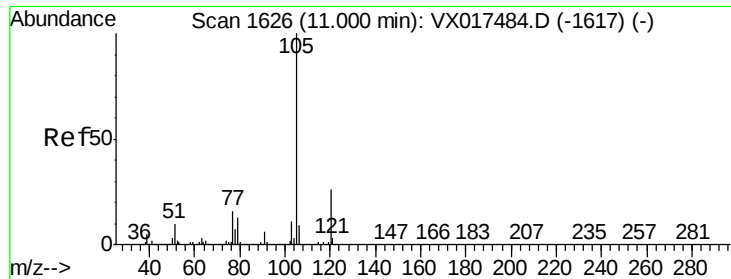
Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.9	65.5	196.6
150	161.0	0.0	412.6





#73

Isopropylbenzene

Concen: 16.473 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion: 105 Resp: 384047

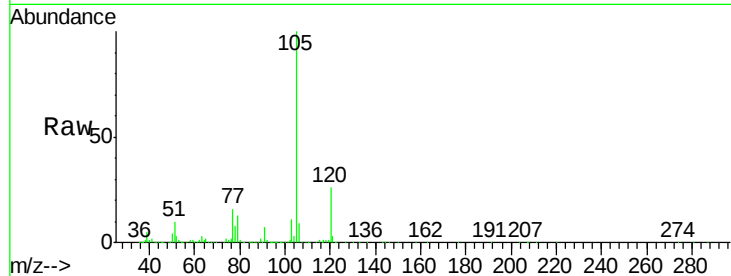
Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8

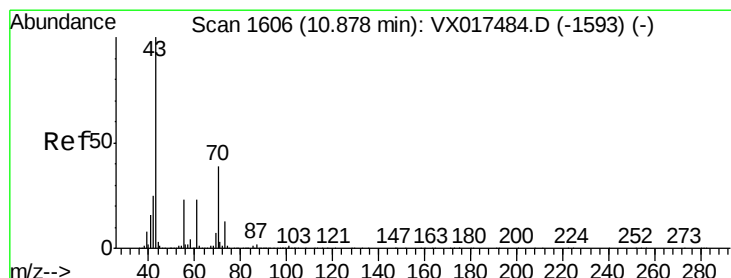
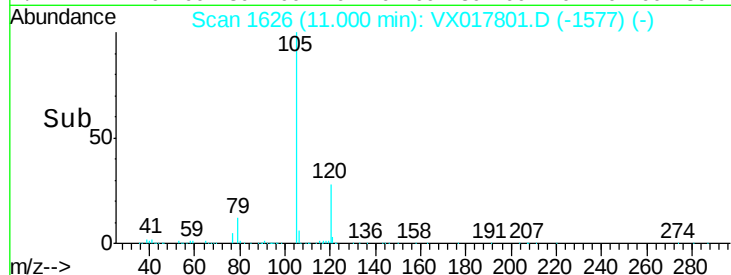
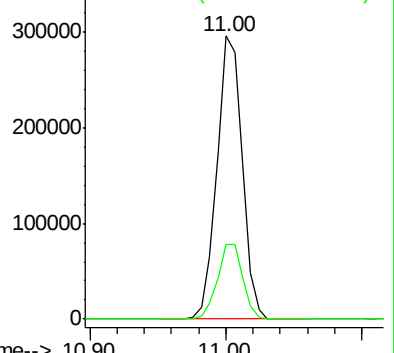
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.742 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion: 43 Resp: 173428

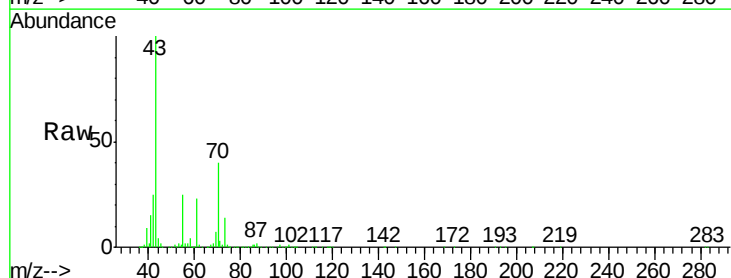
Ion Ratio Lower Upper

43 100

70 41.0 32.3 48.5

55 24.2 18.4 27.6

61 24.5 18.6 28.0

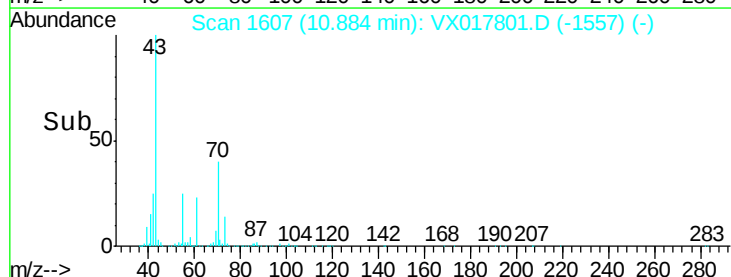
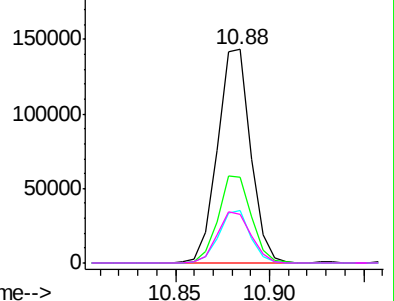


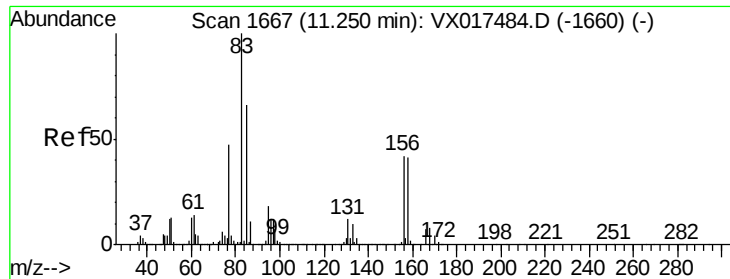
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.997 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

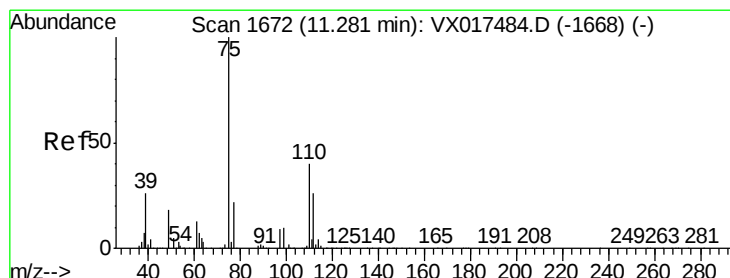
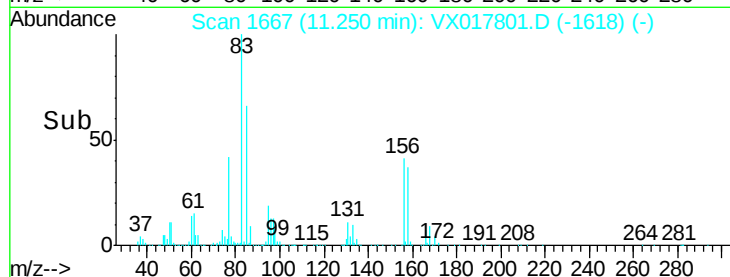
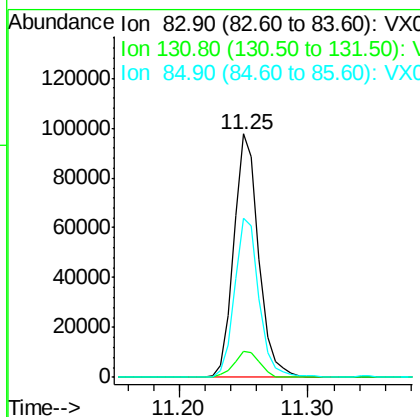
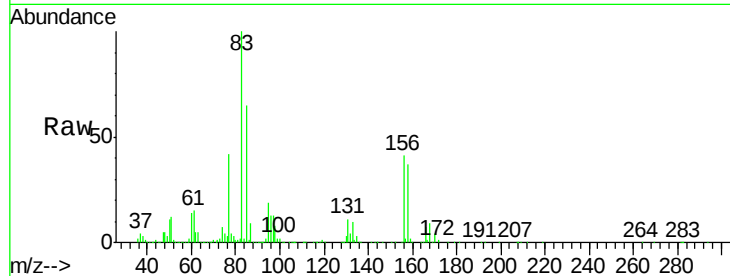
ClientSampleId :

VX0806WBSD01

Tot Ion:	83	Resp:	130965
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	64.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.037 ug/l m

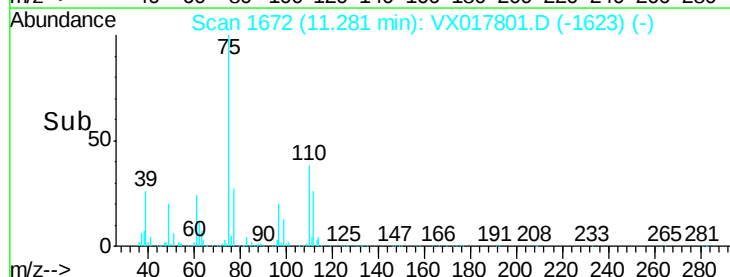
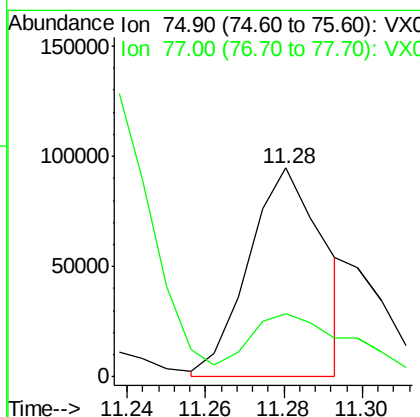
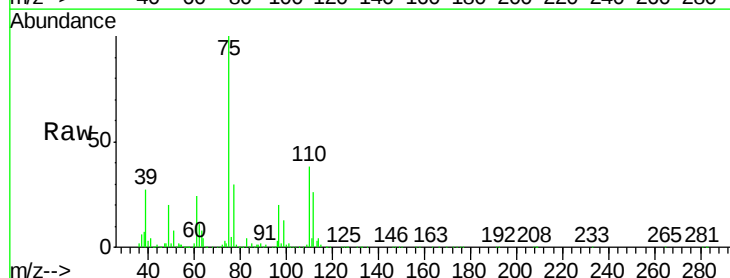
RT: 11.28 min Scan# 1672

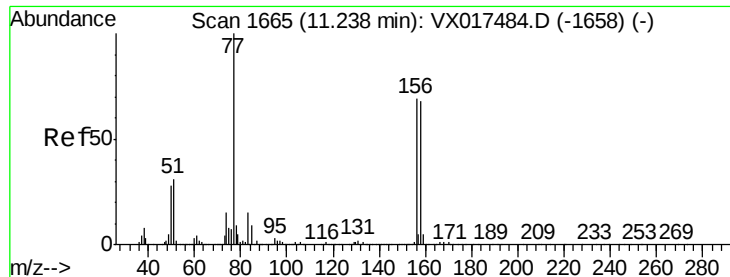
Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion:	75	Resp:	126094
Ion Ratio	Lower	Upper	
75	100		
77	41.1	21.8	65.3





#77

Bromobenzene

Concen: 16.774 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

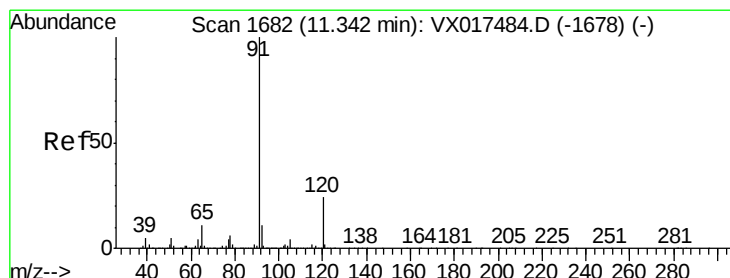
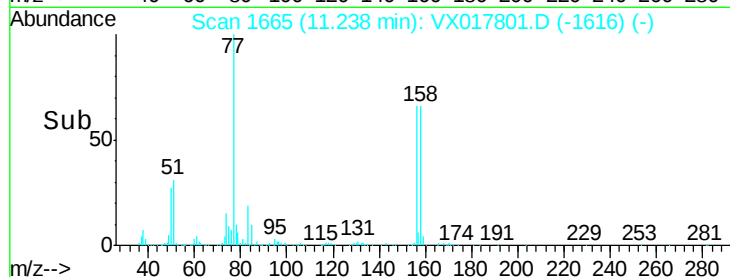
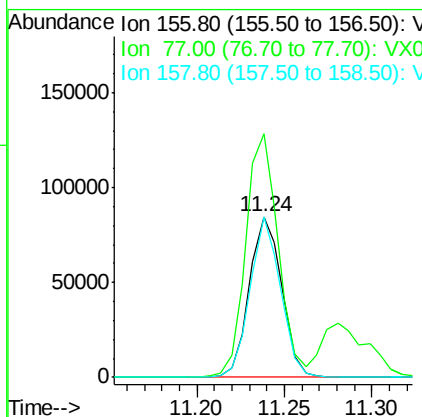
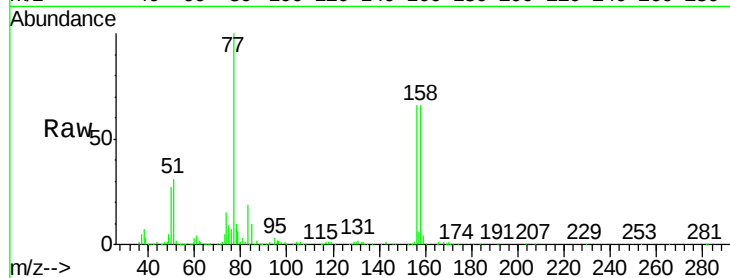
ClientSampled :

VX0806WBSD01

Tot Ion:	156	Resp:	109481
Ion Ratio	Lower	Upper	
156	100		
77	151.0	75.0	225.0
158	94.5	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 16.821 ug/l

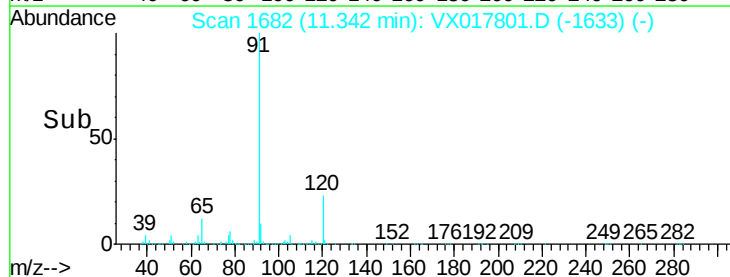
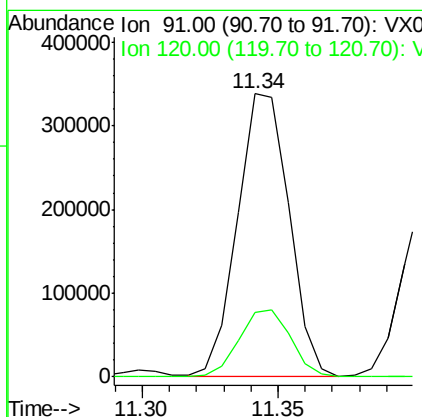
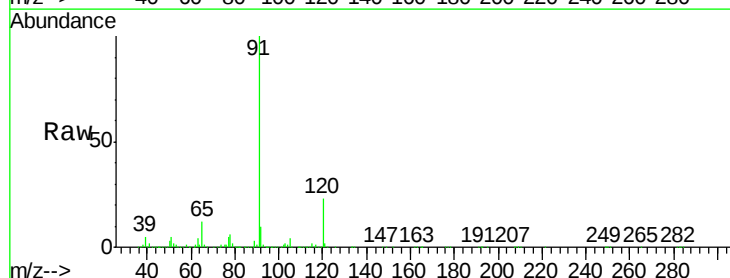
RT: 11.34 min Scan# 1682

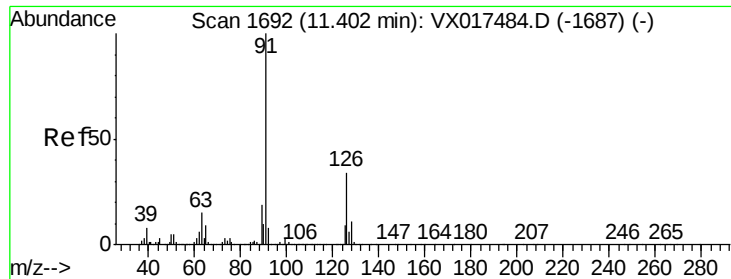
Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion:	91	Resp:	442315
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.2	36.4





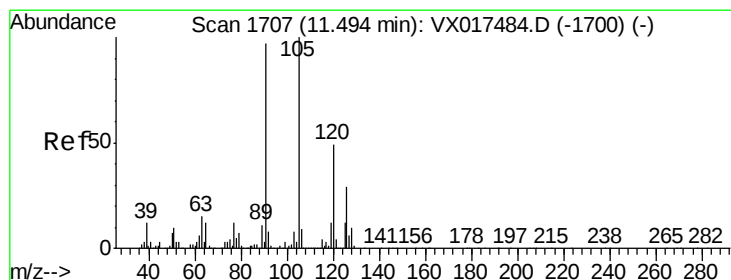
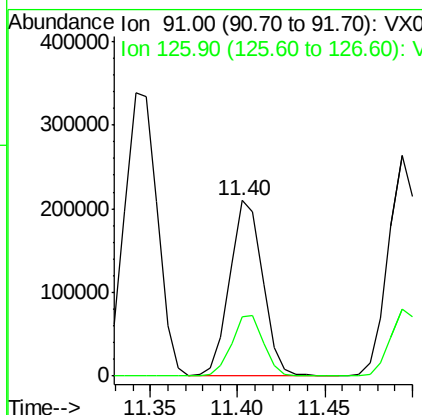
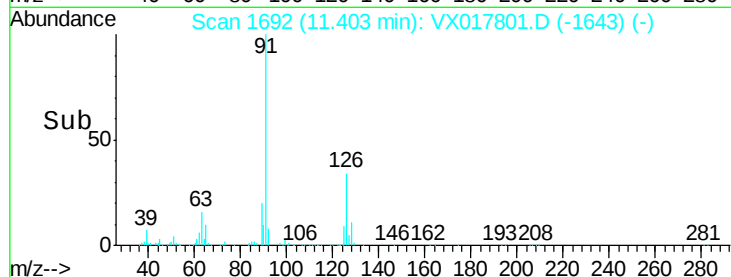
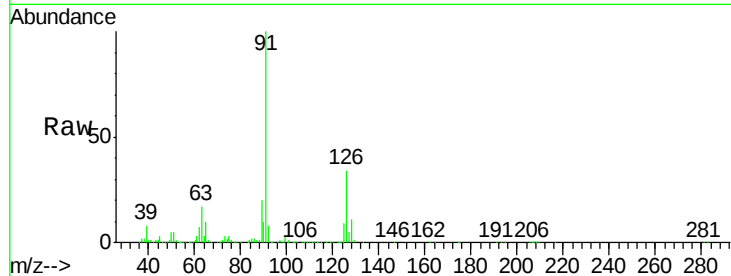
#79
2-Chlorotoluene
Concen: 16.786 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion: 91 Resp: 273416
Ion Ratio Lower Upper
91 100
126 34.2 17.5 52.5

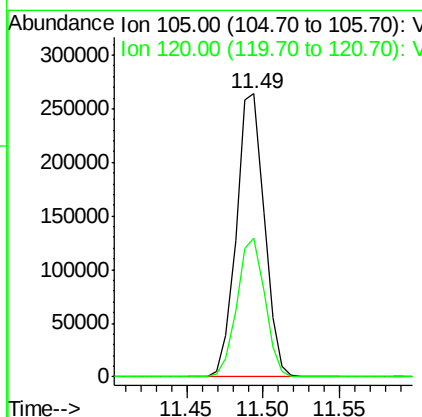
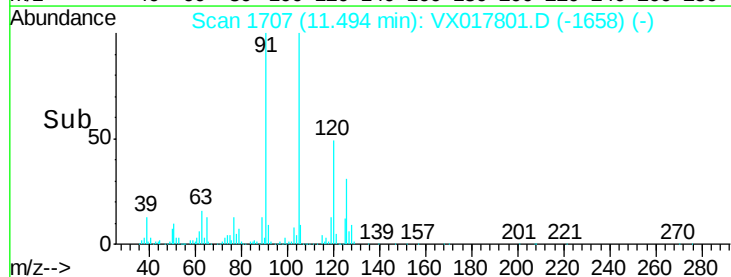
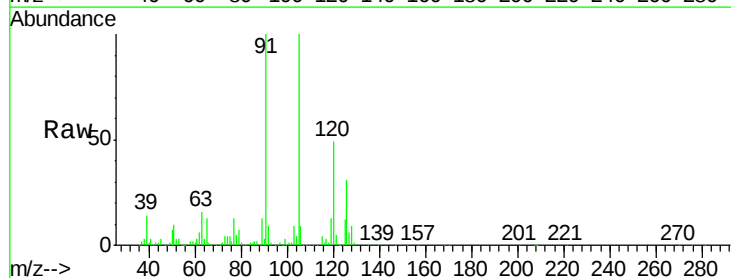
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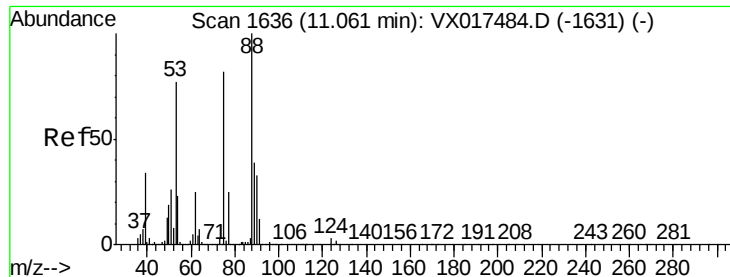
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 16.783 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion: 105 Resp: 334072
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.393 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

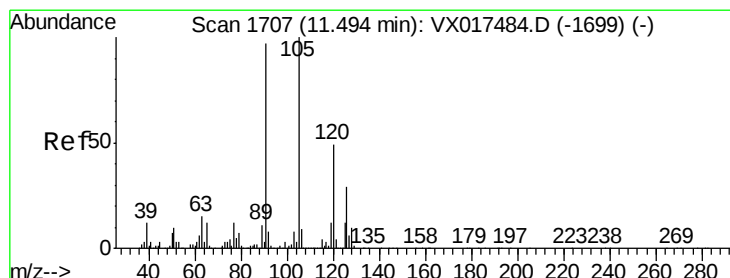
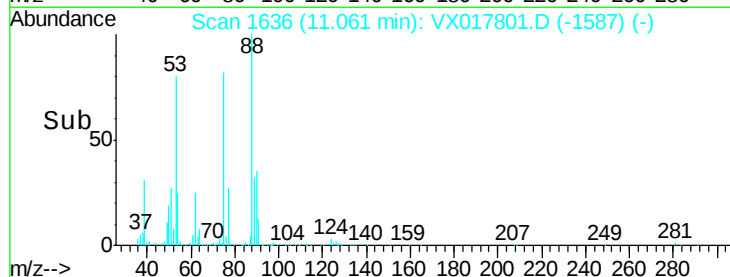
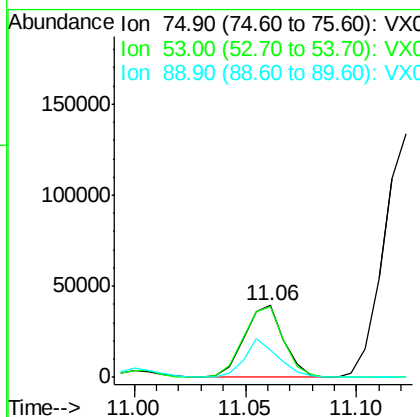
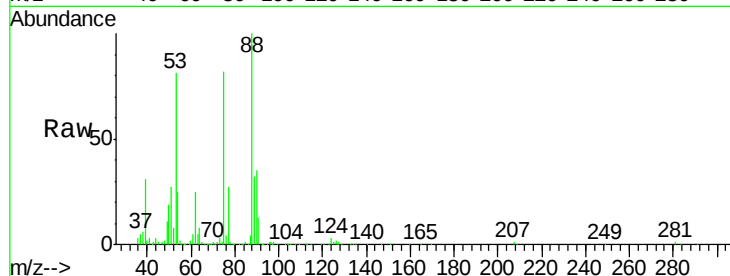
ClientSampleId :

VX0806WBSD01

Tot Ion:	75	Resp:	48255
Ion Ratio	Lower	Upper	
75	100		
53	99.2	75.9	113.9
89	47.2	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 16.863 ug/l

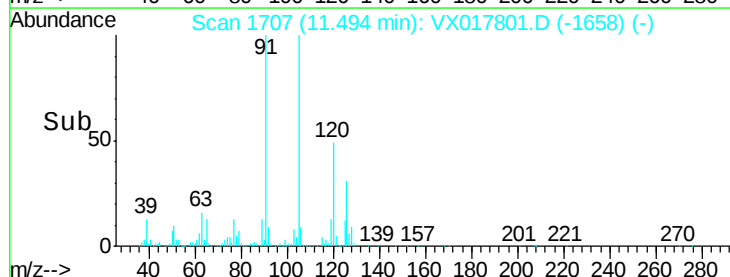
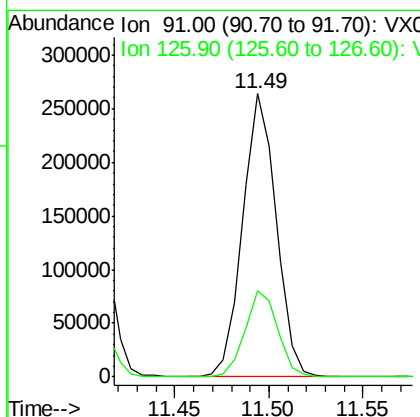
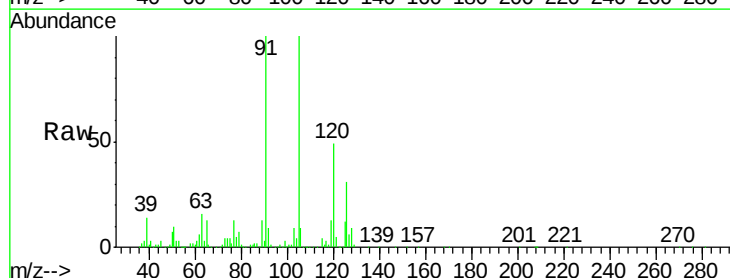
RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion:	91	Resp:	324009
Ion Ratio	Lower	Upper	
91	100		
126	29.8	15.2	45.6





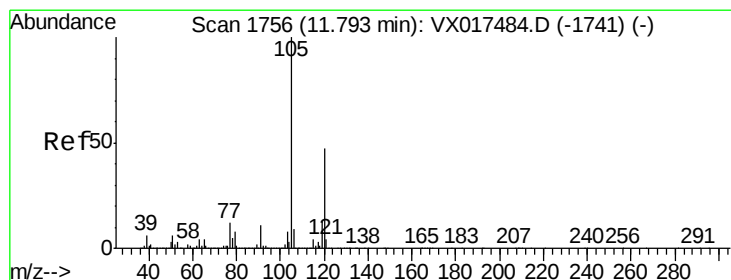
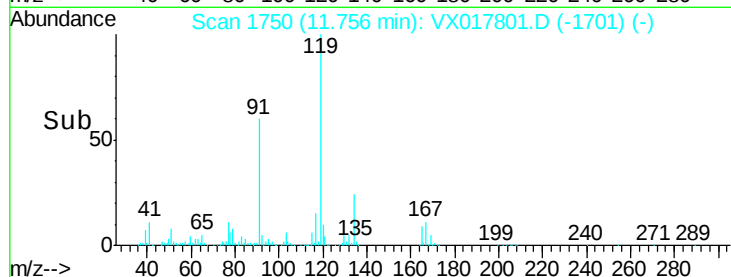
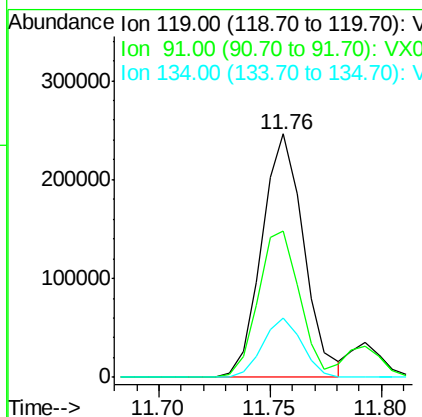
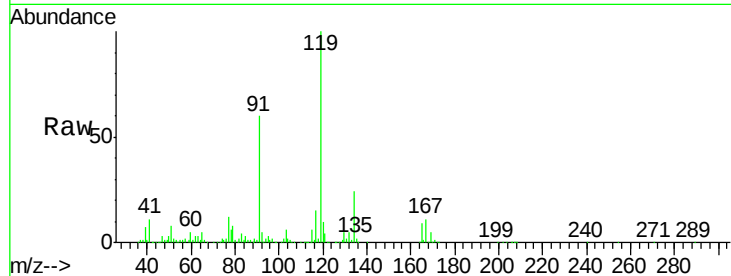
#83
 tert-Butylbenzene
 Concen: 16.912 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	322129		
91	59.3	29.3	88.0	
134	22.9	11.2	33.6	

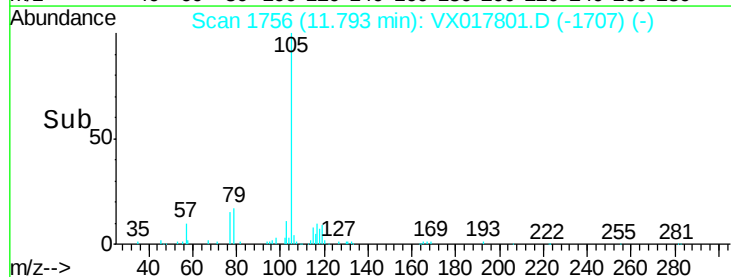
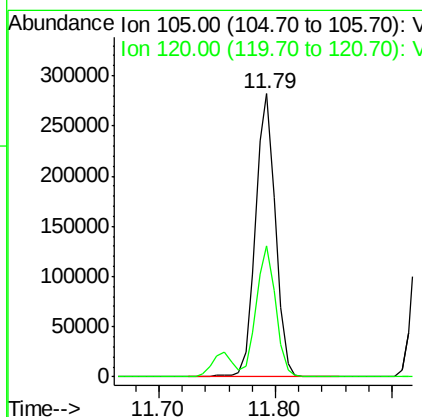
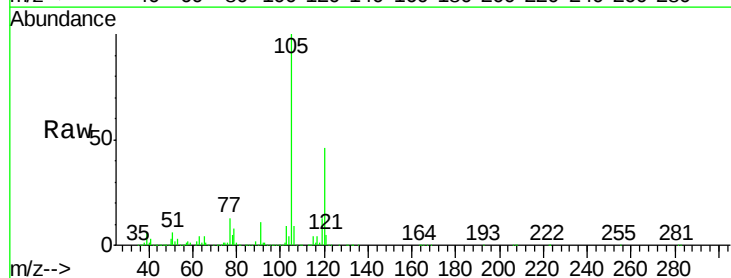
Manual Integrations
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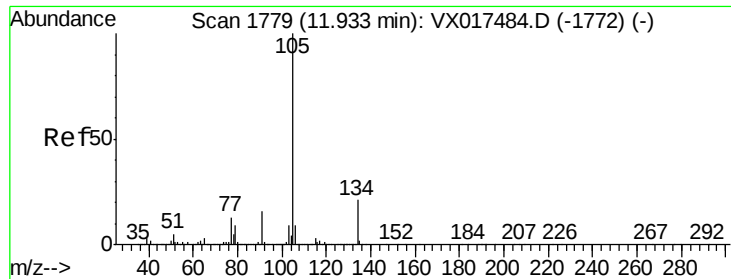
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.039 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	337344		
120	44.8	22.7	68.0	





#85

sec-Butylbenzene

Concen: 19.253 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBSD01

Tot Ion:105 Resp: 427195

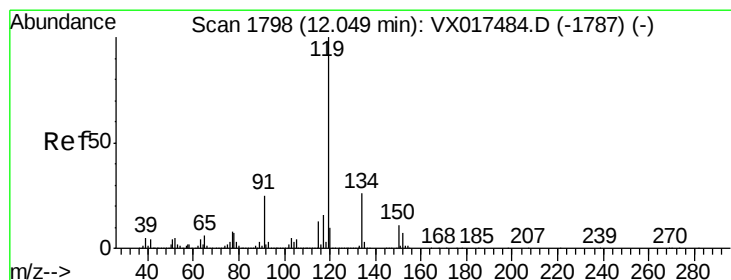
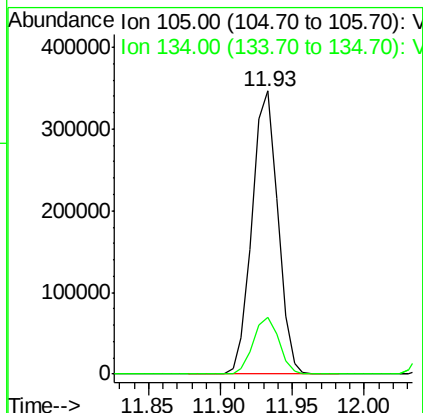
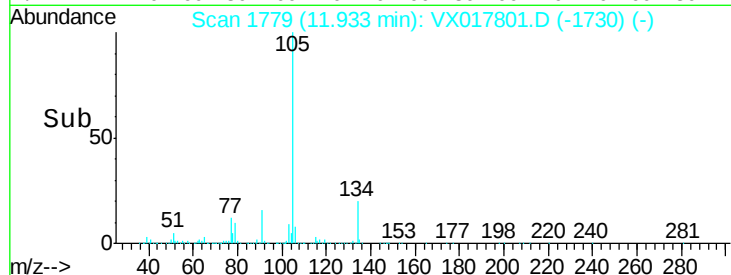
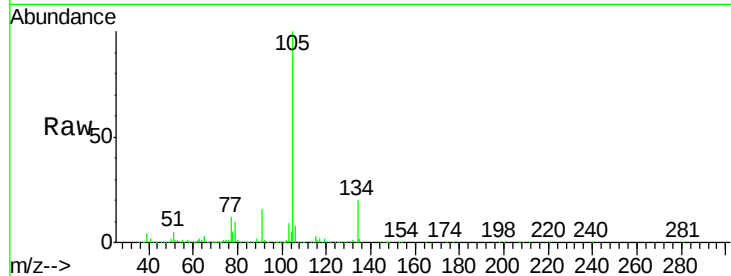
Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.032 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

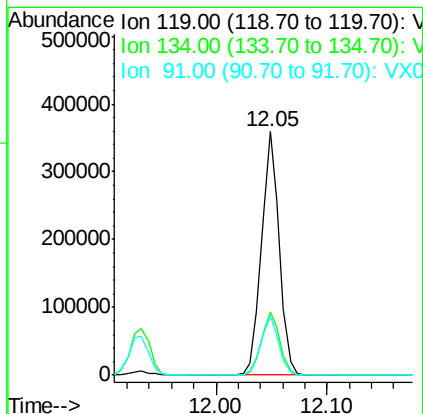
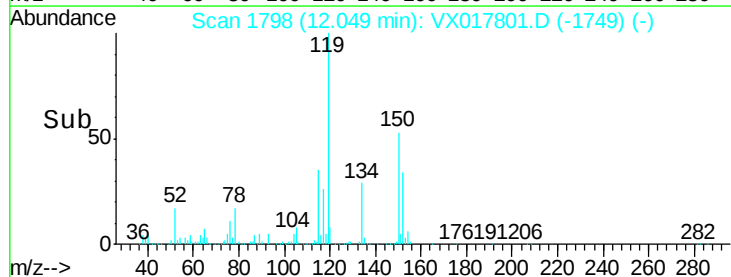
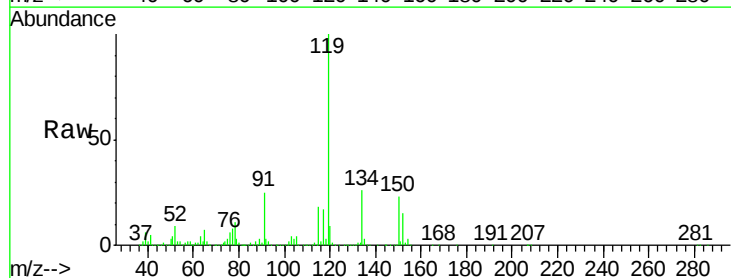
Tgt Ion:119 Resp: 402151

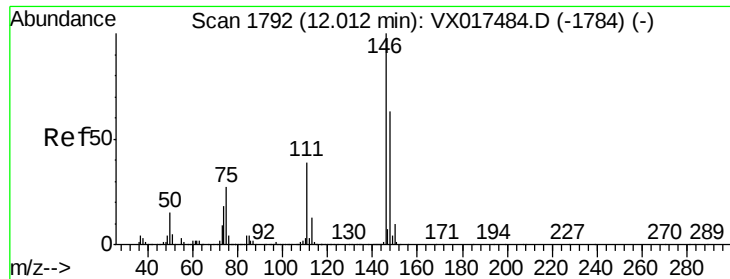
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.543 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Instrument :

MSVOA_X

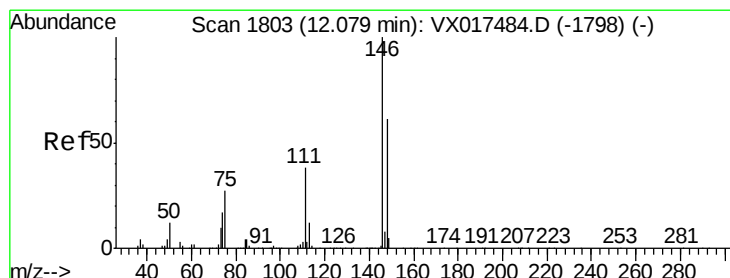
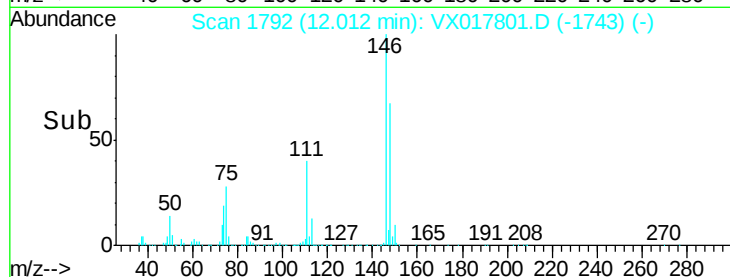
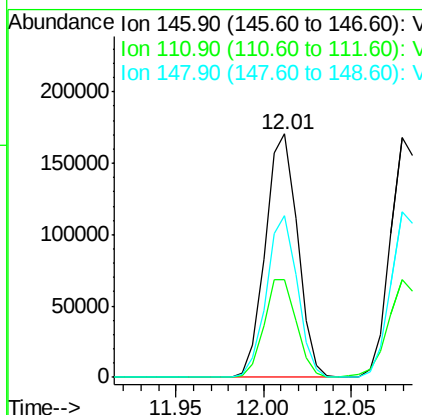
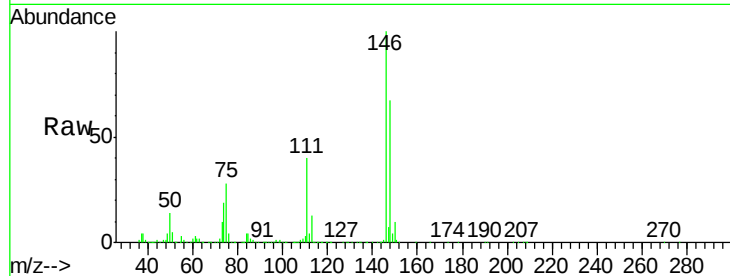
ClientSampleId :

VX0806WBSD01

Tot Ion:	146	Resp:	219041
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.9	59.7
148	63.5	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.468 ug/l

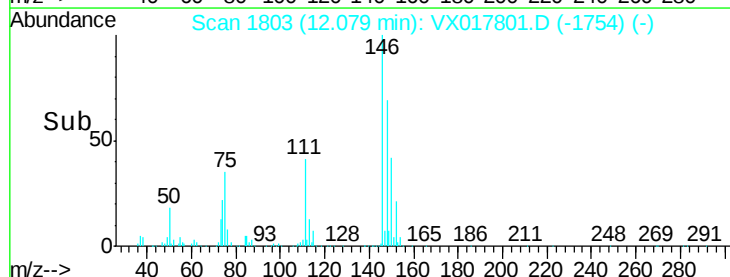
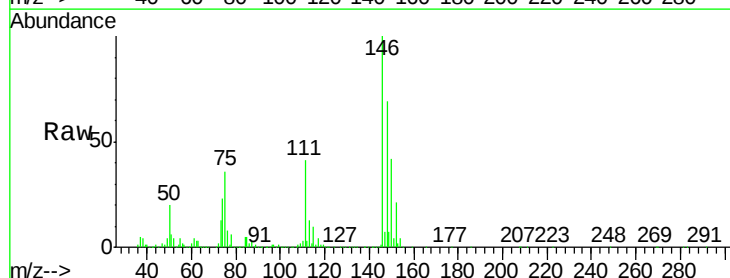
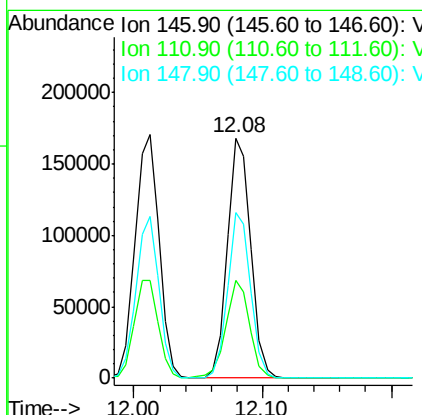
RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017801.D

Acq: 06 Aug 2020 12:14

Tgt Ion:	146	Resp:	214407
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.3	57.8
148	67.4	32.2	96.6





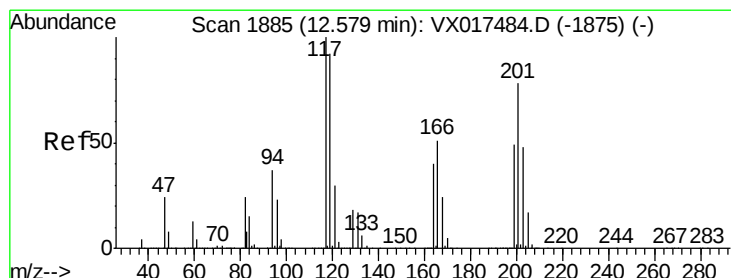
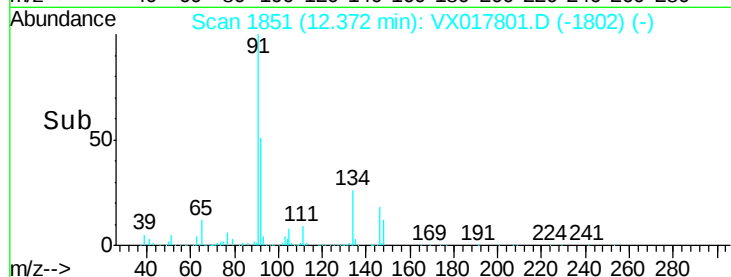
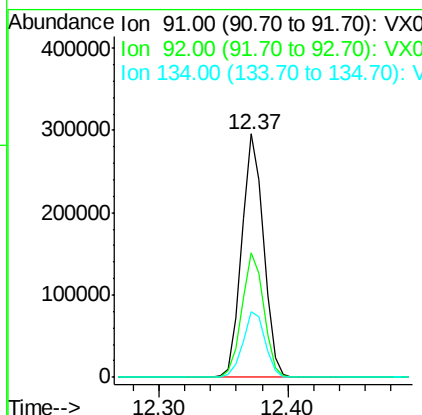
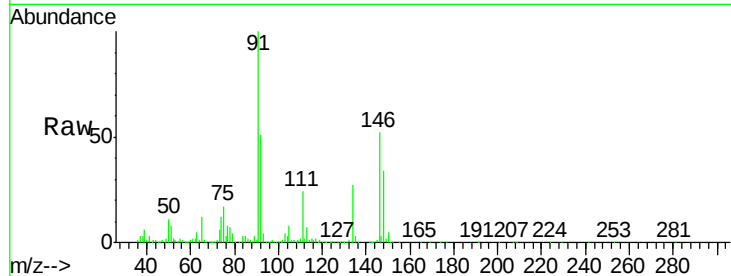
#89
n-Butylbenzene
Concen: 18.311 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.7	80.1
134	27.3	13.6	40.7

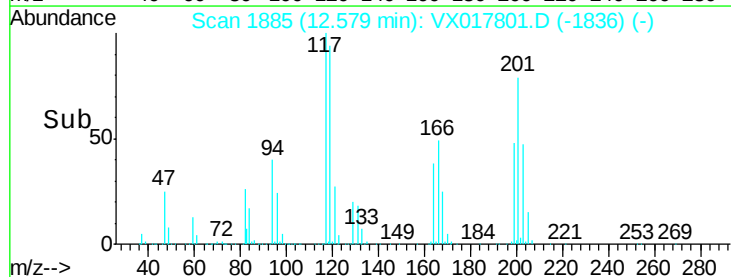
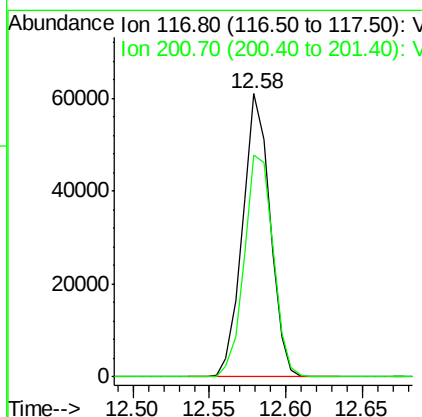
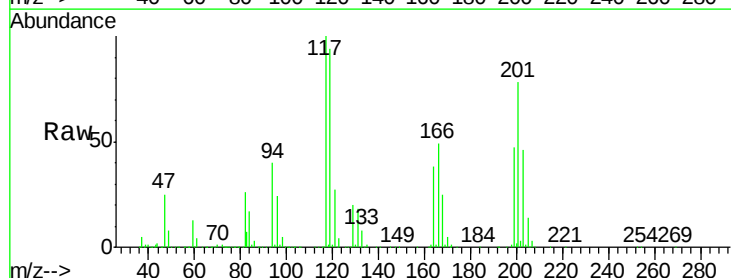
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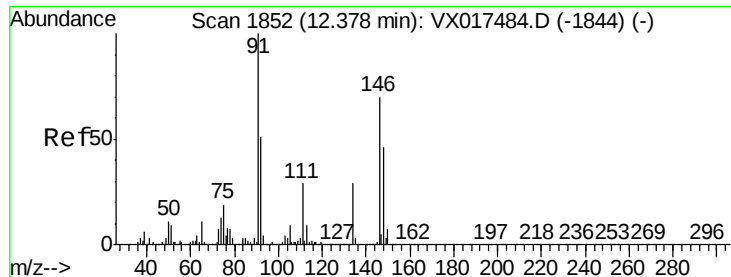
MMDadoda
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#90
Hexachloroethane
Concen: 18.281 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.4	42.2	126.6





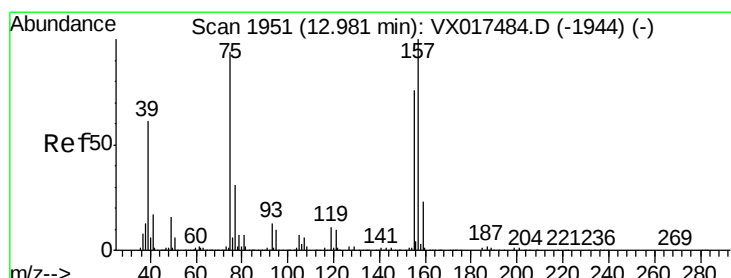
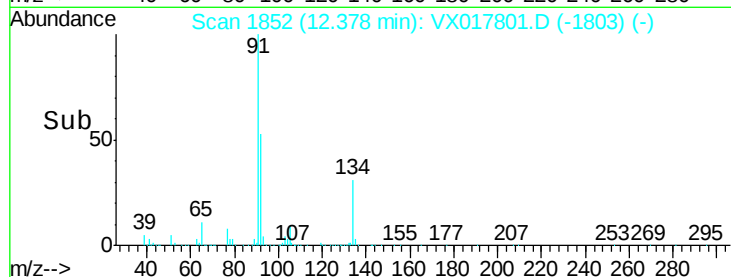
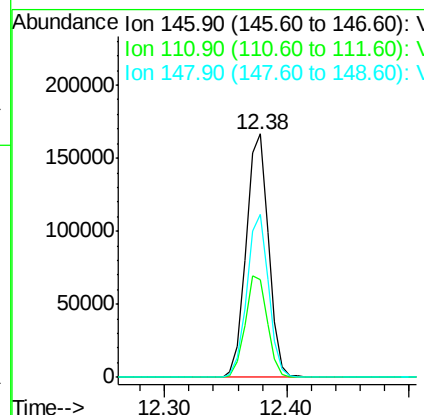
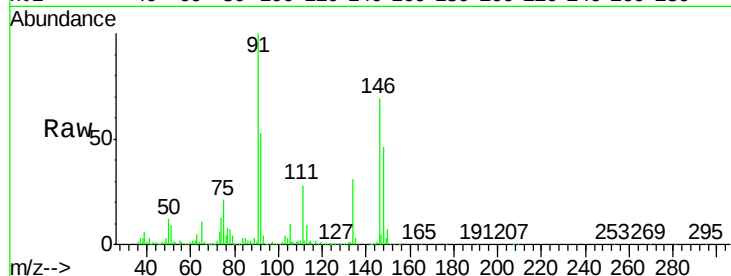
#91
 1,2-Dichlorobenzene
 Concen: 19.056 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	209922		
111	41.5	20.9	62.8	
148	64.9	32.8	98.4	

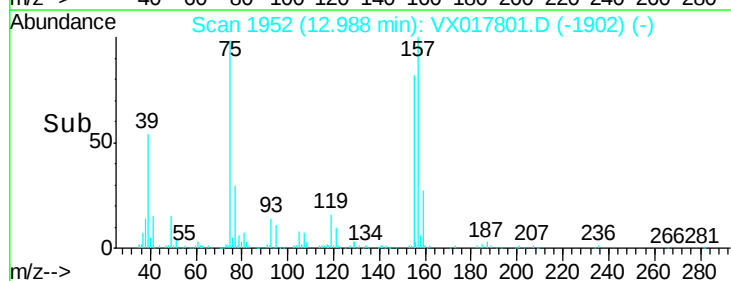
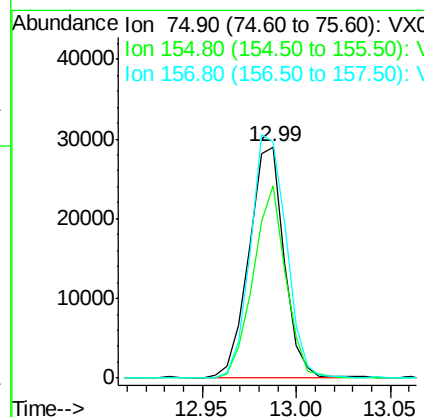
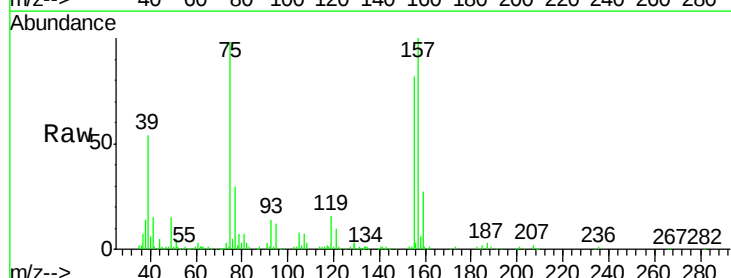
Manual Integrations
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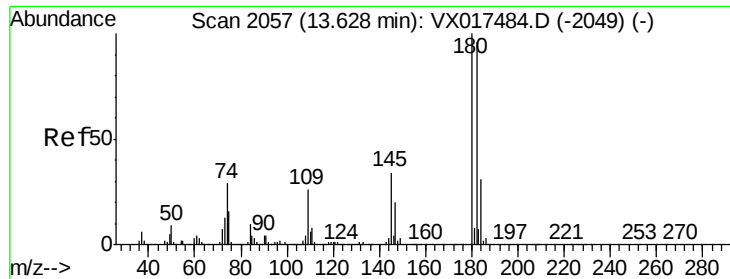
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.935 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37664		
155	77.1	42.3	126.8	
157	106.7	54.3	162.9	





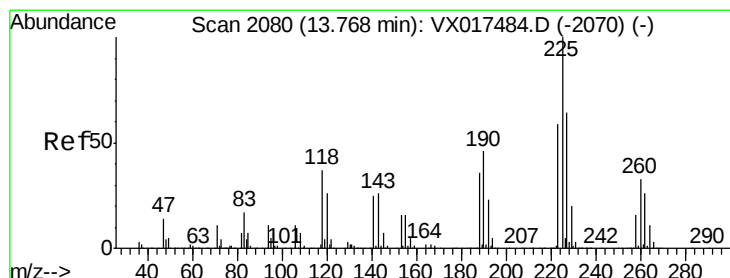
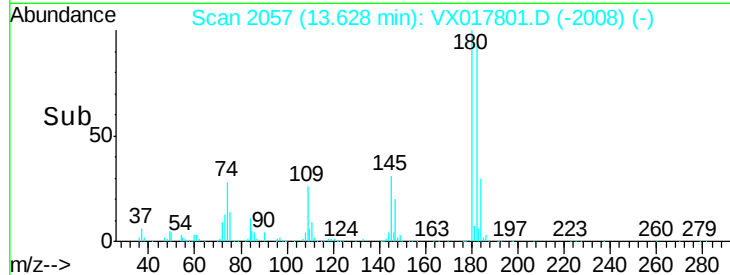
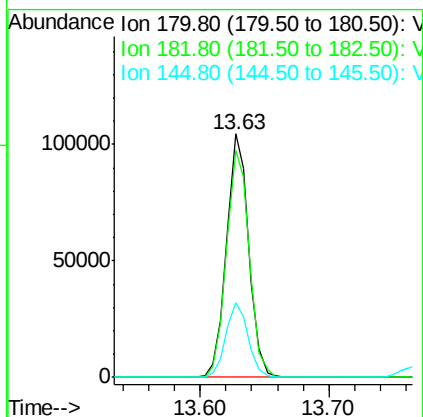
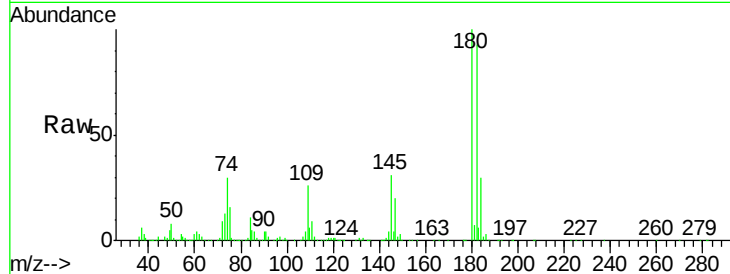
#93
 1,2,4-Trichlorobenzene
 Concen: 16.920 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127209		
182	95.7	47.5	142.6	
145	30.7	15.4	46.4	

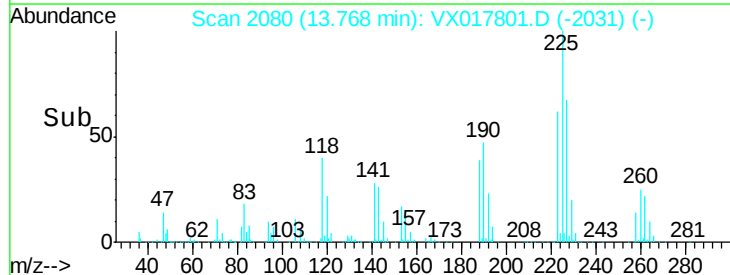
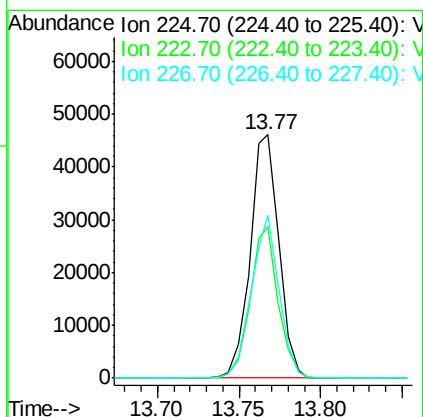
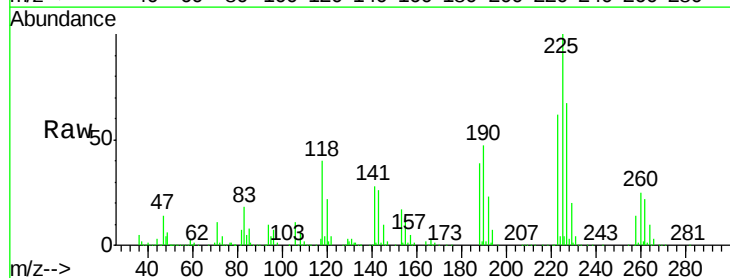
Manual Integrations
 APPROVED

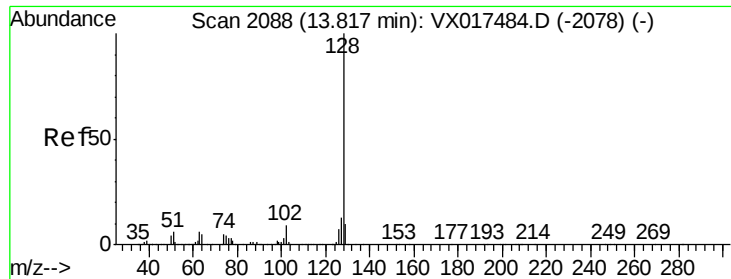
MMDadoda
 8/7/2020 4:32:35 PM



#94
 Hexachlorobutadiene
 Concen: 16.316 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017801.D
 Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56464		
223	60.6	30.3	90.9	
227	64.5	31.1	93.2	





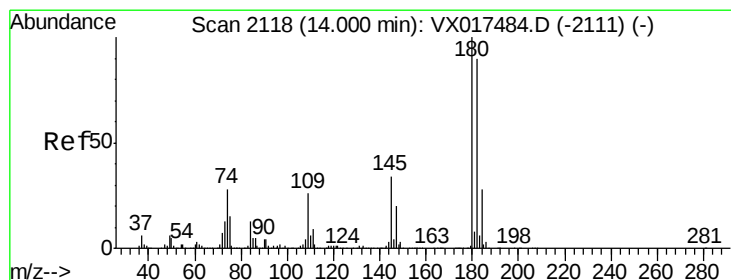
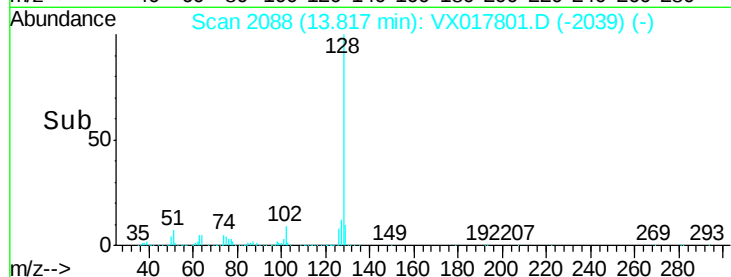
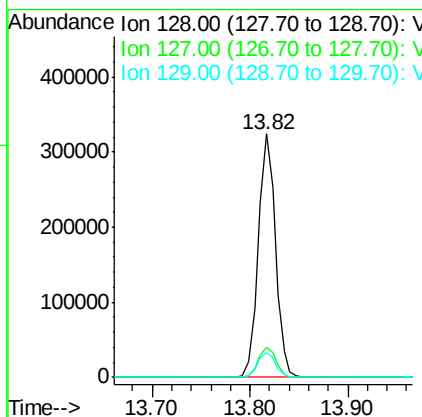
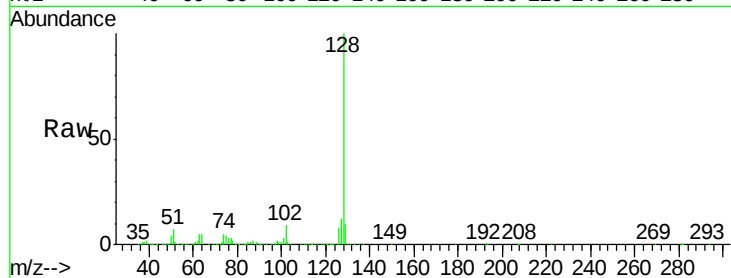
#95
Naphthalene
Concen: 17.630 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/7/2020 4:32:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.039 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017801.D
Acq: 06 Aug 2020 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.4	142.3
145	33.0	16.3	48.9

